



FOUNDATION *for* CALIFORNIA  
COMMUNITY COLLEGES

*www.foundationccc.org*

## **FOUNDATION FOR CALIFORNIA COMMUNITY COLLEGES ADMINISTRATIVE SERVICES AGREEMENT**

**CB-162-18**

This ADMINISTRATIVE SERVICES AGREEMENT (“Agreement”) is made this **15th day of May 2018** (“Effective Date”), between the Foundation for California Community Colleges (“Foundation”) and **KYA Services LLC** (“Supplier”).

### **RECITALS**

**WHEREAS**, the Foundation for California Community Colleges (“Foundation”) is the official auxiliary organization for the California Community College (“CCC”) Board of Governors, Chancellor’s Office, and CCC system. It is a private, non-profit 501(c)(3) organization. The Foundation was formed and began operations in the spring of 1998-after the Board of Governors of the CCC had disassociated with the prior California Community Colleges Foundation in late 1997; and

**WHEREAS**, Wiseburn Unified School District (“Wiseburn”), a California K-12 public school district, has entered into a Master Agreement dated April 26, 2018, attached hereto as Exhibit A (“Master Agreement”) by and between Wiseburn and Supplier, as may be amended from time to time in accordance with the terms thereof, for the purchase of sports equipment, as more fully described in the Master Agreement (“Product”); and

**WHEREAS**, Supplier desires to make the Master Agreement available to California community colleges, which are supported, in part, by the Foundation and the parties desire to add and incorporate by reference, the terms in this Agreement, into the terms of the Master Agreement; and

**WHEREAS**, the Foundation developed, supports, and operates collegebuys.org (“CollegeBuys”), a cooperative purchasing program designed to pool the purchasing power of public and private schools across the nation and, as a result, the Foundation is in a unique and valuable position to provide Supplier with marketing and promotional services for the Product; and

**WHEREAS**, CollegeBuys was established in 1999 and represents over 1800 colleges and universities nationwide and is the largest higher education purchasing consortium nationwide. CollegeBuys focuses on facilities and construction related material and equipment; technology hardware, software and other technology; and higher education related products and services; and

**WHEREAS**, CollegeBuys seeks to improve the overall value and selection process of various facilities items, while leveraging the buying power of and providing a purchasing forum for educational institutions and public agencies. Some agreements will be based upon competitively bid vehicles through a lead agency,

utilizing a thorough and business focused process which will raise the performance of the ultimate solution for these entities. Some Foundation agreements may not require a competitive solicitation through a lead agency.

**THEREFORE**, in consideration of the payments to be made and the mutual covenants contained in this Agreement, the Foundation and Supplier agree as follows:

## **1. TERMS AND CONDITIONS**

### **1.1 Obligations of the Foundation.**

1.1.1 Promotional Services. The Foundation shall utilize CollegeBuys in order to publicize and promote the availability of the Product under the Master Agreement (“Promotional Services”) with all California Community Colleges.

### **1.2 Obligations of Supplier.**

1.2.1 In consideration of the Foundation’s promotional services described in Paragraph 1.1.1 above, Supplier shall pay the Foundation the Administrative Fee pursuant to section 3 of this Agreement.

1.2.2 Supplier shall comply with the Supplier Commitments attached hereto and incorporated herein as Exhibit C.

1.2.3 Supplier shall comply with the Supplier Program Standards attached hereto and incorporated herein as Exhibit C.

1.2.4 Supplier’s failure to maintain the Commitments or comply with the Program Standards identified in Exhibits C and D, respectively, shall be a material breach under this Agreement and if not cured within thirty (30) days of written notice to Supplier, is cause for termination of this Agreement at the Foundation's sole discretion.

1.2.5 Upon request, Supplier shall make available to potential Participating Agencies a copy of the Master Agreement and such price lists or quotes as may be necessary to evaluate potential purchases. Supplier authorizes the Foundation’s use of Supplier’s name, trademarks, and materials in promoting the use of the Master Agreement and purchasing program.

1.3 Insurance. Upon request within ten (10) days of formal commitment to utilize the Agreement, the Supplier and each Subcontractor identified in its Subcontractors List issued by the Supplier shall deliver to the agency taking part in the agreement Certificates of Insurance evidencing the insurance coverage in the minimum amounts noted below. The foregoing notwithstanding, a Participating Agency may require additional or different insurance coverage or minimum amounts in connection with the use of the agreement. In such event, such additional or different insurance requirements shall be noted in writing from the Participating Agency, and the Supplier shall comply with the same.

1.3.1 Workers’ Compensation Insurance. The Supplier and all Subcontractors to the Supplier shall obtain and maintain Workers’ Compensation Insurance with coverage amounts under such policies in accordance with applicable law.

- 1.3.2 Commercial General Liability Insurance. The Supplier and all Subcontractors to the Supplier shall obtain and maintain Commercial General Liability Insurance Policies covering: injuries, including accidental death, to persons, damage to property, completed operations, and contractual liability. Minimum coverage amounts under each such Commercial General Liability insurance policy shall be One Million Dollars (\$1,000,000) per occurrence and Two Million Dollars (\$2,000,000) in the aggregate.
- 1.3.3 Modifications; Cancellation; Additional Insured. Each Participating Agency hereunder shall be additional named insured to the Commercial General Liability insurance policies of the Supplier and its Subcontractors. The Workers' Compensation insurance policy and the General Liability insurance policy of the Supplier and each Subcontractor shall include provisions that the policy terms will not be materially modified and the policy will not be cancelled or terminated without at least thirty (30) days advance written notice to the Participating Agency, as applicable.

## 2. SPECIFIC PROVISIONS

- 2.1 Term. This Agreement shall be coterminous with the Term agreed upon in Exhibit A, between Wiseburn and Supplier.
- 2.2 Right to Terminate. Foundation has the right to terminate this Agreement for any reason, without penalty, at any time by providing Supplier with written notice of the termination at least thirty (30) days in advance.
- 2.3 Terms and Conditions in Master Agreement. The terms and conditions of the Master Agreement, attached as Exhibit A, shall apply and are incorporated by reference into this Agreement except as otherwise provided in this Agreement.
- 2.4 **Use of Logo. The Foundation's prior review and written approval is required for any use of the Foundation or CollegeBuys name or logo by the Supplier in marketing materials including but not limited to: press releases, print pieces, broadcast emails, and website postings.**

## 3. QUARTERLY FEES & REPORTING

- 3.1 Quarterly Administrative Fee. Supplier shall pay Foundation a quarterly administrative fee in the amount of 2% of the total purchase invoice, less taxes, additional services (excluding included services) and transportation for all purchases of Participating Public or Private Agencies under said Master Agreement and provide the Foundation with an electronic accounting report, in a format prescribed by the Foundation, summarizing all purchases under the Agreement. A sample of the reporting format appears at Exhibit E. Quarterly reports are due within fifteen (15) calendar days after the conclusion of the preceding quarter. Quarterly administrative fees applicable to each quarter, are due within thirty (30) days of the end of each calendar quarter. The Foundation reserves the right, upon thirty (30) days advance notice to the Supplier, to change the prescribed reporting format. Administrative fee payments shall be made by check to the Foundation for California Community Colleges.
- 3.2 Accounting. Supplier shall at its expense maintain an accounting of all purchases made by Participating Public and Private Agencies. The Foundation reserves the right to audit the accounting for a period of four (4) years from the date the Foundation receives the accounting. In the event of such an audit, the requested materials shall be provided at the location designated by the

Foundation. Quarterly reports and the administrative fee applicable to each quarter, as described in item 16 above, are due within thirty (30) days of the end of each calendar quarter.

- 3.3 Material Breach. Failure to provide a quarterly report within fifteen (15) days and payment within thirty (30) days, as specified in Paragraph 3.2 shall be regarded as material breach under this Agreement, and if not cured within thirty (30) days of written notice to Supplier, shall be deemed a cause for termination of the Agreement at the Foundation's sole discretion. All administrative fees not paid within sixty (60) days of the end of each quarter shall bear interest at the rate of one and one half percent (1.5 %) per month until paid.
- 3.4 Errors and Omissions on Quarterly Reporting and Overpayment of Administrative Fee to the Foundation. Supplier is provided ninety (90) days or until the conclusion of the subsequent quarter (whichever comes first) from when a quarterly report was due or submitted, to correct error(s) and/or omission(s) on a quarterly report; and/or to recover an overpayment of the administrative fee from the Foundation. Once the ninety (90) days or the conclusion of the subsequent quarter (whichever comes first) has lapsed, the Foundation reserves the right to retain the amount of the overpaid administrative fee. The Foundation also reserves the right to recover any unpaid administrative fee(s) from the Supplier discovered during an audit conducted pursuant to Section 3.1 above, and/or the correction of error(s) and/or omission(s) on quarterly report(s).
- 3.5 Right to Compare Records. The Foundation or its designee may, at the Foundation's sole discretion, compare Participating Agency records with quarterly reports submitted by Supplier. If there is a discrepancy, the Foundation will notify the Supplier in writing. The Supplier will have thirty (30) days from the date of such notice to resolve the discrepancy to the Foundation's reasonable satisfaction. If the Supplier does not resolve the said discrepancy, the Foundation shall have the right to engage outside services to conduct an independent audit of the Supplier's quarterly reports. The Supplier shall be obligated to reimburse any and all of the Foundation's costs and expenses related to or connected with the review of records and reports; the audit; Foundation staff time; and expenses, counsel, and collection.

#### **4. GENERAL PROVISIONS**

- 4.1 Purchasing. With respect to any purchases by a Participating Agency pursuant to the Agreement, the Foundation: (i) shall not be construed as a dealer, re-marketer, representative, partner, or agent of any type of the Supplier or such Participating Agency; (ii) shall not be obligated, liable or responsible for any order made by Participating Agency or any employee thereof under the Agreement, or for any payment required to be made with respect to such order; and (iii) shall not be obliged, liable, or responsible for any failure by any Participating Agency to comply with procedures or requirements of applicable law or to obtain the due authorization and approval necessary to purchase under the Agreement. The Foundation makes no representation or guaranty with respect to any minimum purchases by any Participating Agency or any employee thereof under this Agreement.
- 4.2 Entire Agreement. This Agreement supersedes any and all other agreements, either oral or in writing, between the parties hereto with respect to the subject matter hereof, and no other agreement, statement, or promise relating to the subject matter of this Agreement which is not contained herein shall be valid or binding.
- 4.3 Modification and Waiver. Except as provided otherwise herein, this Agreement may not be modified except by a writing signed by an authorized representative of both parties. A waiver by either party of its rights hereunder shall not be binding unless contained in a writing signed by an

authorized representative of the party waiving its rights. The non-enforcement or waiver of any provision shall not constitute a waiver of such provision on any other occasion unless expressly so agreed in writing.

4.4 Assignment. Neither party may assign this Agreement without the prior written consent of the other party which shall not be unreasonably withheld. The consent requirement shall not apply to an assignment to a successor corporation in the event of a merger or acquisition. Further, each party may assign this Agreement without consent to any of its affiliates. Subject to the foregoing, this Agreement will be binding on the heirs, executors, administrators, successors, and assigns of the respective parties.

4.5 Severability. If any provision of this Agreement shall be deemed to be, or shall in fact be, illegal, inoperative, or unenforceable, the same shall not affect any other provision or provisions herein contained or render the same invalid, inoperative, or unenforceable to any extent whatsoever.

4.6 Notices. All reports, notices, and other written or electronic communications given under this Agreement shall be delivered by email or by express delivery requiring signature on receipt to the addresses as set forth below. The Foundation may, by written or electronic notice delivered to the Supplier, designate any different electronic or physical addresses to which subsequent reports, notices or other communications shall be sent.

4.6.1 Foundation

**Foundation for California Community Colleges**

1102 Q Street, Suite 4800

Sacramento, CA 95811

Attn: **CollegeBuys**

Email: [cbcontracts@foundationccc.org](mailto:cbcontracts@foundationccc.org)

4.6.2 Supplier

**KYA Services LLC**

1522 Brookhollow Dr., Suite 3

Santa Ana, CA 92705

Attn: **Tony Leyds**

**Principal & CEO**

Phone: 949-303-3669

Email: [Tony.Leyds@theKYAgroup.com](mailto:Tony.Leyds@theKYAgroup.com)

4.6.3 Written notice shall be deemed to have been duly served if delivered at or sent by registered or certified mail to the address provided by Supplier in Paragraph 4.4.2 above.

4.7 Governing Law. This Agreement shall be governed exclusively by and construed in accordance with the applicable laws of the State of California, excluding its choice of law rules. Any action or proceeding seeking any relief under or with respect to this Agreement shall be brought solely in the Superior Court of the State of California for the County of Sacramento, subject to transfer of venue under applicable State law.

4.8 General Indemnity. Each party to this Agreement (“Indemnitor”) shall defend, indemnify, and hold harmless the other and its agents, representatives, officers, consultants, employees (collectively “Indemnitees”) from any and all claims, demands, liabilities, damages, losses, suits and actions,

and expenses (including, but not limited to, attorney's fees and costs including fees of consultants) of any kind, nature and description (collectively "Claims") brought by an unaffiliated third party, that results in a judgment awarded by a court of competent jurisdiction, or as part of a final settlement, and that directly arises out of, is connected with, or results from, the gross negligence, or willful misconduct of the Indemnitor or its agents or employees in the performance of or failure to perform Indemnitor's obligations under this Agreement and that results in death or personal physical injury, or damage to tangible personal property suffered or incurred by the Indemnified Party. Such obligation shall not be construed to negate, abridge, or reduce other rights or obligations of indemnity, which would otherwise exist as to a party, person, or entity described in this paragraph.

4.9 Limitation of Liability. In no event shall either parties' aggregate liability arising out of or related to this Agreement, whether in contract, tort, or under any other theory of liability exceed the amounts paid by the Foundation for California Community Colleges under this Agreement.

4.10 Damages. Notwithstanding anything stated herein to the contrary, neither party shall not be liable for any special, consequential, indirect or incident damages, including but not limited to lost profits in connection with this Agreement.

4.11 Independent Parties. This Agreement does not constitute, give effect to, or otherwise imply a joint venture, pooling arrangement, partnership, or formal or informal business organization of any kind, or (except as expressly set forth herein) any sort of agency relationship between the parties. Neither party will, or will have the power to, bind the other party to any third party without the prior written consent of the other party. The relationship of Supplier and the Foundation under this Agreement is that of independent contractors. Neither party (the "Acting Party") will have the authority to make any agreement or commitment, or incur any liability on behalf of the other party, nor shall such other party be liable for any acts, omissions to act, contracts, commitments, promises, or representations made by the Acting Party. Except as expressly set forth herein, this Agreement does not restrict either party from conducting business with any third party.

4.12 Precedence. This Agreement and any exhibits constitutes the entire, complete, final, and exclusive agreement between the parties with respect to the subject matter hereof and supersedes and replaces any and all prior and contemporaneous communications between Foundation and Supplier regarding such subject matter. Any terms and conditions which are additional to or different from the terms and conditions of this Agreement are hereby deemed rejected by Foundation and shall not be of any effect or in any way binding upon the Foundation. To the extent that the terms and conditions of this Agreement conflict with, or are in any way inconsistent with, the terms and conditions of any exhibit hereto, the terms and conditions of this Agreement will prevail. The exhibits will be given precedence as follows: (1) Foundation's Administrative Services Agreement; (2), Master Agreement between Supplier and Wiseburn (3) Exhibits of this Agreement beyond the aforementioned.

4.13 Good Faith Cooperation. The parties to this Agreement shall cooperate fully in the execution of any and all other documents and in the completion of any additional actions that may be necessary or appropriate to give full force and effect to the terms and intent of this Agreement.

4.14 Counterparts. This Agreement may be executed in counterparts such that the signatures may appear on separate signature pages. A copy, facsimile, or an original, with all signatures appended together, shall be deemed a fully executed agreement.

4.15 Authorized Representative. The persons who have signed this Agreement warrant that they are legally authorized to do so on behalf of the respective Parties, and by their signatures to bind the respective Parties to this Agreement.

IN WITNESS WHEREOF, the Foundation for California Community Colleges has caused this Agreement to be executed in its name, and the Supplier has caused this Agreement to be executed in its name, all as of the Effective Date.

**FOUNDATION FOR CALIFORNIA COMMUNITY COLLEGES**



Julian Roberts  
Julian Roberts (Jul 16, 2018)

By Joseph Quintana  
Title Chief Operating Officer  
Date Jul 16, 2018

By Julian Roberts  
Title Chief Financial Officer  
Date Jul 16, 2018

**KYA SERVICES LLC**

John Leyds  
John Leyds (Jul 16, 2018)

By John Anthony Leyds  
Title Principal  
Date Jul 16, 2018

**EXHIBIT A**

**MASTER AGREEMENT**

- **Agreement between KYA and Wiseburn USD**
- **Unit Prices and Specifications**
- **Proof of Publication**
- **Wiseburn USD Board Approval**



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**Daily Breeze**

21250 Hawthorne Blvd, Ste 170  
Torrance, CA 90503-4077  
310-543-6635  
Fax: 310-316-6827

5041856

WISEBURN SCHOOL  
13530 AVIATION BLVD  
HAWTHORNE, CA 90250

**FILE NO. DB 2-60**

**PROOF OF PUBLICATION  
(2015.5 C.C.P.)**

**STATE OF CALIFORNIA  
County of Los Angeles**

I am a citizen of the United States and a resident of the County aforesaid; I am over the age of eighteen years, and not a party to or interested in the above-entitled matter. I am the principal clerk of the printer of THE DAILY BREEZE, a newspaper of general circulation, printed and published in the City of Torrance\*, County of Los Angeles, and which newspaper has been adjudged a newspaper of general circulation by the Superior Court of County of Los Angeles, State of California, under the date of June 10, 1974, Case Number SWC7146. The notice, of which the annexed is a printed copy (set in type not smaller than nonpareil), has been published in each regular and entire issue of said newspaper and not in any supplement thereof on the following dates, to wit:

**02/19/2018, 02/26/2018**

I certify (or declare) under the penalty of perjury that the foregoing is true and correct.

Dated at Torrance, California  
On this 27th day of February, 2018.



Signature

\*The Daily Breeze circulation includes the following cities: Carson, Compton, Culver City, El Segundo, Gardena, Harbor City, Hawthorne, Hermosa Beach, Inglewood, Lawndale, Lomita, Long Beach, Manhattan Beach, Palos Verdes Peninsula, Palos Verdes, Rancho Palos Verdes, Rancho Palos Verdes Estates, Redondo Beach, San

(Space below for use of County Clerk Only)

Legal No. **0011080906**

**DB 2-60**  
**WISEBURN UNIFIED SCHOOL DISTRICT**  
**NOTICE TO CONTRACTORS CALLING FOR BIDS**

Please submit all questions related to this Bid to Wiseburn School District

**School District:** Wiseburn Unified School District of Los Angeles County, CA. (Hereinafter "DISTRICT".)

**Bid Deadline:** BP #3 - Not later than 1:00 PM, Friday, March 16, 2018.

**Bid Opening:** Bids shall be opened publicly and read aloud following the Bid Deadline stated above.

**Place of Bid Opening:** DISTRICT OFFICE  
201 N. Douglas  
El Segundo, CA 90245 (310) 331-8102

**Project Identification Name:** Sports Equipment for Routine and Deferred Maintenance  
201 N. Douglas Street  
El Segundo, CA

NOTICE IS HEREBY GIVEN that the DISTRICT, acting by and through its Governing Board, will receive up to, but not later than the above-stated time, sealed bids for the award of Contracts for the following bid packages of work to be performed:

Bid Pkg. #	Scope of Work	License Requirements
3	Sports Equipment for Routine and Deferred Maintenance	B

All Bids shall be made and presented on forms furnished by the District. Bids shall be received in the place identified above, and shall be opened and publicly read aloud to the public in order of the Bid Package numbers at the above-stated time and place.

The basis of award will be the lowest total price of the base bid. All bidders are hereby notified of a **MANDATORY Pre-bid Conference** held on **Friday, February 23, 2018 at 1:00pm.**

Interested Contractors shall meet at the Wiseburn Unified School District lobby located at 201 N. Douglas Street, El Segundo, CA 90245. Any questions or clarifications arising from review of the documents are to be submitted to the District in writing and in accordance with the bid documents. The purpose of this meeting is for bidders to have an opportunity to familiarize themselves with the bid requirements. No interpretations or clarifications of contract documents will be made at this time.

**Bid documents will be available through ARC Document Solutions on or after February 23rd, 2018.**

There will be a non-refundable charge to purchase each set of bid documents. No partial sets will be available. For assistance call (714)-424-8525.

In accordance with the provisions of California Business and Professions Code Section 7028.15 and Public Contract Code Section 3300, the Owner requires that the bidder possess the classification of contractor's license appropriate for the work to be performed at the time that the bid is submitted. Appropriate licenses are noted in parenthesis after the Bid Package title listed above and more than one license may be required. This list in no way relieves the Contractor from fulfillment of any legal requirement or licensing necessary for performance of his work.

In addition to the bid security referred to in the contract documents (1), each bidder shall submit, on forms furnished with the contract documents: (2) the Designation of Subcontractors (if any); (3) the Information Required of Bidders; (4) the Contractor's Certificate Regarding Workers' Compensation; (5) the Non-Collusion Affidavit; and any other documents as specified in the Master Specifications.

The DISTRICT reserves the right to reject any or all bids or to waive any immaterial irregularities or informalities in any bid or in the bidding process.

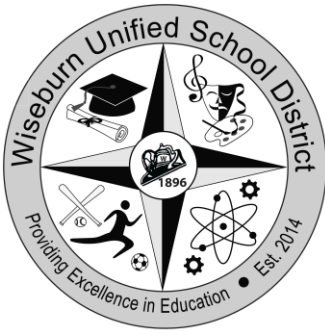
As required by Section 1773 of the California Labor Code, the Director of the Department of Industrial Relations of the State of California has determined the general prevailing rates of wages in the locality in which the Work is to be performed. Copies of these wage rate determinations, entitled **PREVAILING WAGE SCALE**, are maintained at the DISTRICT OFFICES and are available to any interested party upon request. The Contractor shall post a copy of this document at each job site. The Contractor and any subcontractor under it shall pay not less than the specified prevailing rates of wages to all workers employed in the execution of the Contract.

No bidder may withdraw any bid for a period of sixty (60) days after the date set for the opening of bids.

Pursuant to Section 22300 of the Public Contract Code, the successful bidder is permitted to substitute securities for any moneys withheld by the DISTRICT to ensure performance under the Contract. Alternatively, the successful bidder may request and the DISTRICT shall make payment of retention earned directly to the escrow agent at the expense of the successful bidder.

For the Board of Education,





# Wiseburn Unified School District

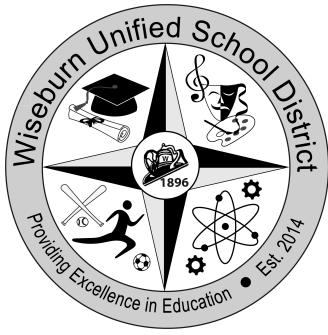
February 22, 2018

## **ADDENDUM NO. 1 – Sports Equipment for Routine and Deferred Maintenance**

Addendum #1 consists of the following:

--Bid documents available March 9, 2018.

--The date of the bid opening has been changed to March 23, 2018 at 11 AM.



# Wiseburn Unified School District

March 10, 2018

## **ADDENDUM NO. 2 – Sports Equipment for Routine and Deferred Maintenance**

Addendum #2 consists of the following:

--Bid documents available March 14, 2018.

Wiseburn - BP #03 - Sports Equipment for Routine and Deferred Maintenance

Pre-Bid Conference

Date: 2/23/2018

Location Wiseburn District Office - 201 N. Douglas St, El Segundo, CA 90245

Name:

MIKE ACOSTA  
JOHN MATUZ  
JOHN MATUZ  
TREVOR Couch  
JOE Sanchez

Company:

PROGRESSIVE  
KYA GROUP  
KYA GROUP  
KYA GROUP  
TLS CHOICE

Email:

MIKE.ACOSTA@PROGRESSIVE  
SURFACE SOLUTIONS.COM  
(714) 586-5543  
JOHN.MATUZ@KYAGROUP.COM  
JOHN.MATUZ@THEKYAGROUP.COM  
trevor.couch@thekyagroup.com  
JOES@TLSCHOICE.COM



**PROGRESSIVE**  
SURFACE SOLUTIONS

Mike Acosta  
Field Superintendent

Cell: (562) 237-2869  
E-mail: Mike@ProgressiveSurfaceSolutions.com  
Tel: (714) 586-5543 | Fax: (714) 586-5544  
Web: www.ProgressiveSurfaceSolutions.com  
Address: 15171 Del Amo Ave., Tustin, CA 92780

JOHN MATUZ  
(714) 586-5543  
KYA GROUP  
JOHN.MATUZ@THEKYAGROUP.COM



**Trevor Couch**  
Estimating Manager

Trevor.Couch@theKYAGroup.com

cell: 714-656-5020  
office: 714-698-4923

1522 Brookhollow Suite 3,  
Santa Ana, CA 92705

www.theKYAGroup.com

@KYAConnect  
f t g+ i n p



**Joe Sanchez**

Email: Joe@TLChoice.com  
Office: 714-462-2955 Direct: 714-332-5397  
24491 Rosales Circle, Mission Viejo, CA 92691  
Web: www.TLSchoice.com

**Wiseburn Unified School District  
Sports Equipment  
for Routine and Deferred Maintenance  
February 23, 2018 Conference**

1. Contract Format
  - a. This is a unit cost contract for miscellaneous indoor and outdoor sports equipment and ancillary items.
  - b. It allows the school district the opportunity to pick and choose items to utilize.
    - i. For example, district may choose to purchase retractable basketball equipment directly from the manufacturer and have the contractor do the install only.
    - ii. Or it may be that they would have the contractor supply the materials and use in house labor.
  - c. The district has the option to choose which components they will require in regards to services within this bid document.
  - d. There will be cases where certain items within the contract will never be used or acquisitioned.
  
2. Contract Mandatories
  - a. All pricing pages shall be filled in completely.
  - b. All pricing pages shall be submitted with the bid.
  - c. The hypothetical project page is the basis of the award.
    - i. Please note, take the price from the hypothetical project page and add it to the bid form.
  - d. The hypothetical project page and bid form are mandatory parts of the bid submittal.
  - e. Bid Will Close: *March 16, 2018 at 1:00 PM at the Wiseburn District Board Room.*
  - f. Potential bid award: *March 22, 2018*
  - g. Last day to ask questions: *March 13, 2018 at 1:00 PM.*
  - h. Projects to commence immediately thereafter.
  
3. Bonding
  - a. This bid has a mandatory bid bond.
  - b. It will be based on the hypothetical project total amount.
  - c. Performance and payment bond shall be required at the district's direction.
  - d. Bonding requirements will be evaluated based on individual project sizes.
  
4. Contract Extension Renewal
  - a. This bid document is set up for one year with the possibility to renew up to a maximum of 4 additional years.
  - b. The maximum allowable price increase per year will be based on the cost of living adjustment index.



5. Piggyback Clause

- a. There is verbiage within this contract that allows this contract to be used by other school districts.
- b. This is an option for the contractor.
- c. Whatever choice the contractor makes does not affect the outcome of this bid.

6. General Requirements

- a. Copies of the contractor's state license.
- b. Copy of contractor's liability insurance.
- c. Copy workman's compensation insurance.

**Wisburn Unified School District -**  
**Piggyback #3: Sports Equipment for Routine and Deferred**  
**Maintenance**  
**Bid Opening: 3/23/18**



<b>Bid Review</b>										
Bidding Contractor	Bid Form	Designation of Subcontractors	Workers Comp Cert	Non-Collusion Declaration	Bid Bond (or Check)	Bidding Practices Indemnity	DVBE	Drug/Alcohol/Tobacco Free Cert	Addendum #1	Addendum #2
KYA Services, LLC.	x	x	x	x	x	x	x	x	x	x

<b>Bid Summary</b>		
Contractor	Responsive Y/N	Total
KYA Services, LLC.	Y	\$ 1,733,659.21

**Recommendation:**

---

## Checklist of Mandatory Bid Forms

(For Contractor's use and reference only. Additional documents may be required so bidders should carefully review all Contract Documents and Bid Documents)

- Bid Form
- Basis of Award Form
- Unit Cost Schedules
- Cooperative Purchasing/And Other Agency Clause
- Designation of Subcontractors
- Non-Collusion Declaration
- Bid Bond (or Bid Guarantee form if Security is other than Bid Bond)
- Substitution Request Form (if Substitutions are being requested - If Substitution Request Form is not submitted then No Substitutions will be allowed after the bids are opened)
- Contractor's Certificate Regarding Workers Compensation
- Contractor's Certificate Regarding Drug-Free Work Place
- Contractor's Certificate Regarding Alcoholic Beverage and Tobacco-Free Campus Policy

**KYA Services LLC**

Contractor:

**March 16, 2018**

Date:

By: **John A. Leyds - Principal**



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**BID FORM**

FOR

Sports Equipment

for Routine and Deferred Maintenance

Bid Package No. 3

FOR

WISEBURN UNIFIED SCHOOL DISTRICT

CONTRACTOR'S NAME: KYA Services LLC

ADDRESS: 1522 Brookhollow Dr., Suite 3

Santa Ana, CA 92705

TELEPHONE: (714) 659-6476

FAX: (714) 586-5526

EMAIL: tony.leyds@thekyagroup.com

TO: Wiseburn Unified School District, acting by and through its Governing Board, herein called "District".

1. Pursuant to and in compliance with your Notice Inviting Bids and other documents relating thereto, the undersigned bidder, having familiarized himself with the terms of the Contract, the local conditions affecting the performance of the Contract, the cost of the work at the place where the work is to be done, with the Drawings and Specifications, and other Contract Documents, hereby proposes and agrees to perform within the time stipulated, the Contract, including all of its component parts, and everything required to be performed, including its acceptance by the District, and to provide and furnish any and all ancillary services, materials, tools, expendable equipment, and utility and transportation services necessary to perform the Contract and complete all of the Work in a workmanlike manner required in connection with the construction of:

BID PACKAGE NO. 3

Sports Equipment for Routine and Deferred Maintenance

in the District described above, all in strict conformance with the drawings and other Contract Documents on file at the District Offices of said District for amounts set forth herein.

2. BIDDER ACKNOWLEDGES THE FOLLOWING ADDENDUM:

Number	Number	Number	Number	Number	Number	Number	Number
1	2						

Acknowledge the inclusion of all addenda issued prior to bid in the blanks provided above. Your failure to do so may render your bid non-responsive.

3. TOTAL PRICE – ENTIRE JOB

TOTAL CASH PURCHASE PRICE IN WORDS & NUMBERS:

\$1,733,659.21 DOLLARS

4. TIME FOR COMPLETION: The District may give a notice to proceed within ninety (90) days of the award of the bid by the District. Once the Contractor has received the notice to proceed, the Contractor shall complete the work in the time specified in the Agreement. By submitting this bid, Contractor has thoroughly studied this Project and agrees that the Contract Time for this Project is adequate for the timely and proper completion of the Project. Further, Contractor has included in the analysis of the time required for this Project, and the requisite time to complete Punch List.

In the event that the District desires to postpone giving the notice to proceed beyond this ninety (90) day period, it is expressly understood that with reasonable notice to the Contractor, giving the notice to proceed may be postponed by the District. It is further expressly understood by the Contractor, that the Contractor shall not be entitled to any claim of additional compensation as a result of the postponement of giving the notice to proceed.

It is understood that the District reserves the right to reject any or all bids and/or waive any irregularities or informalities in this bid or in the bid process. The Contractor understands that it may not withdraw this bid for a period of ninety (90) Days after the date set for the opening of bids.

5. Attached is bid security in the amount of not less than five percent (5%) of the bid:

Bid bond (5% of the Bid), certified check, or cashier's check (circle one)

6. The required List of Designated Subcontractors is attached hereto.

7. The required Non-Collusion Declaration is attached hereto.

8. The Substitution Request Form, if applicable, is attached hereto.

9. It is understood and agreed that if written notice of the acceptance of this bid is mailed, telegraphed, or delivered to the undersigned after the opening of the bid, and within the time this bid is required to remain open, or at any time thereafter before this bid is withdrawn, the undersigned will execute and deliver to the District a Contract in the form attached hereto in accordance with the bid as accepted, and that he will also furnish and deliver to the District the Performance Bond and Payment Bond, all within five (5) calendar days after award of Contract, and that the work under the Contract shall be commenced by the undersigned bidder, if awarded the Contract, by the start date provided in the District's Notice to Proceed, and shall be completed by the Contractor in the time specified in the Contract Documents.

10. The names of all persons interested in the foregoing proposal as principals are as follows:

John A. Leyds - Principal

Edwin Jay, Director

(IMPORTANT NOTICE: If bidder or other interested person is a corporation, state the legal name of such corporation, as well as the names of the president, secretary, treasurer, and manager thereof; if a co-partnership, state the true names of the firm, as well as the names of all individual co-partners comprising the firm; if bidder or other interested person is an individual, state the first and last names in full.)

11. **PROTEST PROCEDURES.** If there is a bid protest, the grounds shall be submitted within 3 working days as set forth at Paragraph 12 of the Instructions to Bidders.

12. The undersigned bidder shall be licensed and shall provide the following California State Contractors Licensing Board information:

License Number: 984827

License Expiration Date: 06/30/2019

Name on License: KYA Services LLC

Class(es) on License: B & C15

If the Bidder is a joint venture, each member of the joint venture must include the above information.

13: Time is of the essence regarding this Contract, therefore, in the event the bidder to whom the Contract is awarded fails or refuses to post the required bonds and return executed copies of the Agreement form within five (5) calendar days from the date of receiving the Notice of Award, the District may declare the bidder's bid deposit or bond forfeited as damages.

14: The bidder declares that he/she has carefully examined the location(s) of the proposed Project, that he/she has examined the Contract Documents, including the Plans, General Conditions, Supplemental Conditions, Special Conditions, Addenda, and Specifications, and read the accompanying instructions to bidders, and hereby proposes and agrees, if this proposal is accepted, to furnish all materials and do all work required to complete the said work in accordance with the Contract Documents, in the time and manner therein prescribed for the unit cost and lump sum amounts set forth in this Bid Form.

I agree to receive service of notices at the e-mail address listed below.

I the below-indicated bidder, declare under penalty of perjury, that the information provided and representations made in this bid are true and correct.

KYA Services LLC

Proper Name of Company

John A. Leyds - Principal

Name of Bidder Representative

1522 Brookhollow Dr., Suite 3

Street Address

Santa Ana, CA 92705

City, State, and Zip

(714) 659-6476

Phone Number

(714) 586-5526

Fax Number

tony.leyds@thekyagroup.com

E-Mail

By: \_\_\_\_\_

(Signature of Bidder Representative)

Date: March 16, 2018

**NOTE:** If bidder is a corporation, the legal name of the corporation shall be set forth above together with the signature of authorized officers or agents and the document shall bear the corporate seal; if bidder is a partnership, the true name of the firm shall be set forth above, together with the signature of the partner or partners authorized to sign contracts on behalf of the partnership; and if bidder is an individual, his signature shall be placed above.

**All signatures must be made in permanent blue ink.**



# BASIS OF AWARD

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## **PART 1. BIDDER REQUIREMENTS**

### 1.1. GENERAL

- A. Bidder is required to complete all the items noted on the Basis of Award and the Unit Price Schedule.
- B. Failure to provide costs for each and every item shall result in the bid being declared “non-responsive.”

### 1.2 DISCREPANCIES

- A. If there is any discrepancy between costs provided on the Unit Price Schedule and the Basis of Award, only the lowest cost shall be utilized by the District.

### 1.3 CERTIFICATION

It is a requirement of this bid that all individuals working on projects at the District and involving INTERIOR GYMNASIUM EQUIPMENT, OUTDOOR ATHLETIC EQUIPMENT, FITNESS EQUIPMENT, BLEACHERS, AUDITORIUM SEATING, POOL AMENITIES, METAL LOCKERS, BENCHES, SUNDRY ITEMS and APPLICATION/INSTALLATION shall be certified by their respective manufacturer(s).

- A. Proof of current and valid certification shall be included with the Bid Form
- B. Failure to provide such certification may result in the bid being declared “non-responsive.”
- C. See Supplemental Conditions and Ancillary Services for additional conditions.



# BASIS OF AWARD

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## **PART 2. BASIS OF AWARD FORM**

### 2.1 FORM

- A. This form represents a hypothetical example of a project (or projects) at the District that may be utilized under the bid.
- B. The Basis of Award shall be completed using the costs noted by the bidder in the Schedule of Values and shall be utilized for the purposes of determining the lowest cost responsible bidder.

### 2.2 INSTRUCTIONS

- A. This form represents a hypothetical example for the District with quantities based on a standard single-story building utilizing indoor gym equipment, outdoor athletic equipment (soccer, football, baseball and fitness equipment), swim pool amenities, fitness room equipment, auditorium seating, furniture and lockers/benches.
- B. The costs represent the same costs noted on the Unit Pricing Schedule and applied to this hypothetical project.
- C. The grand total cost shall be the basis for awarding the bid.

### 2.3 NOTICE TO CONTRACTOR

- A. Understand that all materials to be applied/installed are to be received as a completed project
- B. All sundry items (adhesives, bolts, screws, fasteners and special tools) necessary for a completed project are to be included in the prices below

### 2.4 DISTRICT MATERIAL/ATTIC STOCK/STORED MATERIAL

- A. District owned material shall be stored by the District.

### 2.5. DELIVERIES

- A. Deliveries are FOB Application/Installation Site or District Warehouse.

### 2.6. STORAGE AND WAREHOUSING

- A. District will be responsible for storing and warehousing materials for the term of the contract.

**BASIS OF AWARD**

<b>INDOOR GYM EQUIPMENT</b>					
<b>Product Description</b>		<b>Quantity</b>	<b>UOM</b>	<b>Price</b>	<b>Total</b>
Interior Backstops	Material – 849-FFFB Backstop Forward Fold, Front Braced Under 28’(Welded)*	6	Each	\$ 5,512.09	\$ 33,072.54
Interior Backboards	Material – GBRUB-42 Rectangular 72”x42” Glass Backboard *	6	Each	\$ 1,444.18	\$ 8,665.08
Goals/Nets	Material – GBA-542 Collegiate “Shot” Goal with Pigtail Net for 42” Backboard*	6	Each	\$ 470.50	\$ 2,823.00
Interior Basketball Accessories	Material – MBBP-6 “Safe-Pro” Bolt on Edge Pad*	6	Each	\$ 299.33	\$ 1,796.00
Interior BBall Accessories	Material – TW2000 Backstop Winch*	6	Each	\$ 1,686.20	\$ 10,117.20
Interior BBall Accessories	Material – PL-1000 Safety Strap*	6	Each	\$ 968.05	\$ 5,808.30
Interior Scoreboards	Material – 2700NL Basic Multisport with Low Clearance Scoreboard*	2	Each	\$ 4,691.56	\$ 9,383.12
Scoreboard Accessories	Material – SCD-7A Basic Shot Clock*	1	Each	\$ 3,013.88	\$ 3,013.88
Interior Scoreboard Controllers	Material – MPCW7 Advanced Universal Control*	1	Each	\$ 1,962.05	\$ 1,962.05
Interior Scoreboard Controllers	Material – MPC Protective Case*	1	Each	\$ 112.33	\$ 112.33
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module, Wall Attached, Manual Telescoping Bleacher at 10 ¼” Rise	1,000	Each	\$ 340.92	\$ 340,916.67
Indoor Volleyball Equipment	Material – PVB-5000 Featherlite Volleyball System*	2	Each	\$ 3,720.48	\$ 7,440.96
Indoor Volleyball Equipment	Material – PVB-75S Locking Brass Floorsleeves with Cover*	6	Each	\$ 599.74	\$ 3,598.44
Indoor Volleyball Equipment	Material – PVB-60P Volleyball Post Pad 6’ High (Sold in Pairs)*	2	Each	\$ 630.18	\$ 1,260.36
IndoorVolleyball Equipment	Material – VRS-60P Referee Stand Pad for VRS6000 or VRS8000 Folding Referee Stand*	1	Each	\$ 433.03	\$ 433.03

**BASIS OF AWARD**

<b>INDOOR GYM EQUIPMENT</b>					
<b>Product Description</b>			<b>UOM</b>	<b>Price</b>	<b>Total</b>
Indoor Badminton	Material – BSO-2U Badminton System*	6	Each	\$ 979.55	\$ 5,877.30
Indoor Badminton	Material – BND-1 Badminton Net*	6	Each	\$ 85.13	\$ 510.80
Indoor Badminton	Material – BSO-2G Brass Floor Sleeve/Cover for Badminton	8	Each	\$ 630.03	\$ 5,040.27
Gym Divider Curtains Material	Material – Gym Divider Curtain, Fold Up*	2,340	Square Yard	\$ 11.30	\$ 26,442.00
Wrestling Mat Storage	Material – MH-S-A Single Mat Securelift Ceiling Suspended Wrestling Mat Storage System*	1	Each	\$ 37,203.25	\$ 37,203.25
System Controllers	Material – 2GPWKS Multiple Key Switch Gang Plate (2 Switches)*	6	Each	\$ 238.49	\$ 1,430.94
Wall Padding	Material - JWC-J006 24"W and Up to 72" Tall, Standard Wall Padding, 1" Lip Top and Bottom*	50	Square Yard	\$ 238.32	\$ 11,916.00

**BASIS OF AWARD**

<b>OUTDOOR ATHLETIC EQUIPMENT</b>					
<b>Product Description</b>		<b>Quantity</b>	<b>UOM</b>	<b>Price</b>	<b>Total</b>
Outdoor Basketball	Material – SPA-S-4 Single Straight Pole Adjustable Outdoor Basketball Post 4 ½” OD at 4’ Extension*	10	Each	\$ 1,869.32	\$ 18,693.17
Outdoor Backboards	Material – AL-PERF Rectangular Perforated Aluminum Backboard*	10	Each	\$ 1,433.92	\$ 14,339.17
Outdoor Goals/Nets	Material – GBSG-50 Super Goal with Nylon Net*	10	Each	\$ 166.97	\$ 1,669.67
Collegiate Football Goals	Material – FBGP-520AX Max-1 All Aluminum Football Goal Posts with 6’ Offset and 20’ Uprights and Telescoping Expandable Crossbar	1	Each	\$ 17,713.23	\$ 17,713.23
Football Accessories	Material – WS-42 Wind Streamers*	2	Each	\$ 42.37	\$ 84.73
Football Accessories	Material – PPP-800 Post Pads for 6-5/8” OD Posts*	2	Each	\$ 1,601.45	\$ 3,202.90
Wireless Scoreboard	Material – 3600 NL Classic Football Scoreboard*	1	Each	\$ 18,032.97	\$ 18,032.97
Scoreboard Controllers	Material – MPCW7 Advanced Universal Control*	1	Each	\$ 1,962.05	\$ 1,962.05
Scoreboard Controllers	Material – MPC Protective Case*	1	Each	\$ 112.33	\$ 112.33
Soccer Equipment	Material – SGP-760PKG Square Post Classic Official Complete Soccer Package (Includes Net)*	1	Each	\$ 6,920.53	\$ 6,920.53
Outdoor Volleyball	Material – OCC-500 Coastal Competition Volleyball System*	5	Each	\$ 2,224.83	\$ 11,124.17
Outdoor Tennis Equipment	Material – TP-125 Heavy Duty Permanent/Semi Permanent Tennis Posts – Powder Coated*	5	Each	\$ 840.35	\$ 4,201.75
Outdoor Tennis Equipment	Material – TPL-5 Collegiate Model Tennis Net*	5	Each	\$ 319.18	\$ 1,595.92
Outdoor Tennis Equipment	Material – CS-1 Center Strap*	5	Each	\$ 28.32	\$ 141.58

**BASIS OF AWARD**

<b>OUTDOOR ATHLETIC EQUIPMENT</b>					
<b>Product Description</b>		<b>Quantity</b>	<b>UOM</b>	<b>Price</b>	<b>Total</b>
Outdoor Tennis Equipment	Material – A-2 Center Strap Anchor*	5	Each	\$ 75.87	\$ 379.33
Tetherball Equipment	Material – TBP-250 Mega-Duty Permanent Outdoor Tetherball Pole*	5	Each	\$ 549.33	\$ 2,746.67
Tetherball Equipment	Material – TBP-BALL Tetherball (Ball and Nylon Rope Cord Only)*	5	Each	\$ 67.75	\$ 338.75
Lacrosse	Material – LG-50 Deluxe Official Lacrosse Goals*	1	Each	\$ 969.05	\$ 969.05
Lacrosse	Material – LGN-50 Competition Lacrosse Net*	1	Each	\$ 196.15	\$ 196.15
Field Hockey	Material – OFHG7124 Official Field Hockey Goals with Bottom Boards*	1	Each	\$ 4,689.00	\$ 4,689.00
Field Hockey	Material – FHND-8 Official Field Hockey Net (Net Only)*	1	Each	\$ 366.73	\$ 366.73
High School Discus	Material – 80401 Pro-Down Discus Cage with Ground Sleeve*	1	Each	\$ 3,198.99	\$ 3,198.99
High School Discus	Material – 370 Aluminum Discus Circle*	1	Each	\$ 664.04	\$ 664.04
High School Shot Put	Material –373 Powder Coated Steel Shot Circle*	1	Each	\$ 423.41	\$ 423.41
High School Shot Put	Material – 359 Synthetic Shot Toeboard for Level Pad*	1	Each	\$ 517.44	\$ 517.44
Collegiate Long Jump	Material – 444 College Take-Off Board System	6	Each	\$ 836.53	\$ 5,019.20

**BASIS OF AWARD**

<b>OUTDOOR ATHLETIC EQUIPMENT</b>					
<b>Product Description</b>		<b>Quantity</b>	<b>UOM</b>	<b>Price</b>	<b>Total</b>
Collegiate Long Jump	Material – F420 Series LJ/TJ Sand Pit Form with Ledge for Cover	2	Each	\$ 9,142.39	\$ 18,284.77
High School Pole Vault	Material –502 Aluminum Vault Box*	1	Each	\$ 811.07	\$ 811.07
High School Pole Vault	Material – 50201 Aluminum Vault Box Lid – Recessed Mount*	1	Each	\$ 718.42	\$ 718.42
Bleachers	Material – BLCH-3AL Aluminum Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish, 3 Row 15' Long*	4	Each	\$ 2,319.20	\$ 9,276.80
Benches	Material – PB-75 Portable Players Bench, 7 1/2' Long, Natural Aluminum Finish without Seat Back*	8	Each	\$ 368.23	\$ 2,945.87
Full Size Permanent Backstops	Material – 1044T Full Size Permanent 16'6"H x 44'W, with Planking*	2	Each	\$ 18,961.03	\$ 37,922.07
Accessories	Material – BBCFP-20 Collegiate 20' Foul Poles*	2	Pairs	\$ 2,153.85	\$ 4,307.70
Accessories	Material – BB-500 Pro-Style "Hollywood" Bases*	2	Each	\$ 345.65	\$ 691.30
Accessories	Material – HP-150 Bury-All Home Plates*	2	Each	\$ 149.70	\$ 299.40
Accessories	Material – PR-624 Professional Pitching Rubber*	2	Each	\$ 151.73	\$ 303.47
Baseball/Softball Wireless Scoreboards	Material – 1635 NL Baseball/Softball Scoreboard *	2	Each	\$ 10,950.35	\$ 21,900.70
Outdoor Wall Padding	Material - BSP246 Backstop Outdoor Wall Padding 4'x6'	10	Each	\$ 524.75	\$ 5,247.50
Outdoor Wall Padding	Material - FWP246 Outdoor Field Wall Padding, 4'x6'	50	Each	\$ 645.93	\$ 32,296.50

**BASIS OF AWARD**

<b>POOL AMENITIES</b>					
<b>Product Description</b>		<b>Quantity</b>	<b>UOM</b>	<b>Price</b>	<b>Total</b>
Pool	Pool Blankets-Material – 47129 Pool Blanket with woven 10x10 count per inch*	9,600	Each	\$ 4.87	\$ 46,765.90
Pool	Material – 50150 Bitterroot I – Storage System	3	Each	\$ 10,182.45	\$ 30,547.34
Pool	Storage System: Material – 50190 Single Winder Cover*	3	Each	\$ 722.32	\$ 2,166.95
Pool	Starting Platforms: Material – 57283 Record Breaker – Single Post*	10	Each	\$ 3,619.50	\$ 36,195.03
Pool	Platform Accessories: Material – 21700 Single Post Anchor *	10	Each	\$ 677.45	\$ 6,774.48
Pool	Dive Stands: Material – 22121 Rear Access 1M Cheyenne Dive Stand*	2	Each	\$ 21,462.66	\$ 42,925.32
Pool	Dive Stands: Material – 22140 Rear Access Anchor Kit*	2	Each	\$ 1,828.98	\$ 3,657.97
Pool	Dive Boards: Material – 22300 10' Commercial Fiberglass Dive Board*	1	Each	\$ 3,332.82	\$ 3,332.82
Pool	Material – 55810 Anti-Wave 4.75" Forerunner Lane Line 60"* Racing Lane	8	Each	\$ 1,201.97	\$ 9,615.74
Pool	Material – 55525 Sheridan Storage Reel*	1	Each	\$ 5,282.39	\$ 5,282.39
Pool	Material – 55552 Sheridan Reel Cover*	1	Each	\$ 772.18	\$ 772.18
Pool	Pool Lift: Material – 57961 Freedom Pool Lift*	1	Each	\$ 6,694.35	\$ 6,694.35
Pool	Pool Ladder: Material – 35129 Pool Ladder – 2 Step Standard*	1	Each	\$ 1,781.75	\$ 1,781.75
Pool	Material – 84299 Dawson Water Polo Goal, Cage and Net*	1	Each	\$ 5,132.89	\$ 5,132.89
Pool	Material – 84298 Rear Leg Set for 7" Setback*	1	Each	\$ 738.98	\$ 738.98
Pool	Swimming Scoreboards (Wireless) - Material –6745 NL Swimming Scoreboard*	1	Each	\$ 8,803.06	\$ 8,803.06

**BASIS OF AWARD**

<b>FITNESS EQUIPMENT</b>					
<b>Product Description</b>	<b>Quantity</b>	<b>UOM</b>	<b>Price</b>	<b>Total</b>	
Fitness Equipment	Varsity - Functional Trainer 4:1	1	Each	\$ 6,208.33	\$ 6,208.33
Fitness Equipment	Varsity - Handle Package for Functional Trainer 6044 and 6047	1	Each	\$ 750.00	\$ 750.00
Fitness Equipment	Varsity - Leg Ext. / Prone Leg Curl	1	Each	\$ 5,041.67	\$ 5,041.67
Fitness Equipment	Varsity - 3 Way Press	1	Each	\$ 5,041.67	\$ 5,041.67
Fitness Equipment	Varsity - Lat Pulldown / Low Row	1	Each	\$ 4,791.67	\$ 4,791.67
Fitness Equipment	Varsity - Dip / Chin Assist	1	Each	\$ 5,041.67	\$ 5,041.67
Fitness Equipment	Varsity - Leg Press / Calf	1	Each	\$ 6,416.67	\$ 6,416.67
Fitness Equipment	GLADIATOR POWER RACK w/storage - w/J-CUPS, 8 LONG PLATE STORAGE PEGS, pin/pipe SAFETY bars, TWO SINGLE PULL UP BARS 1.25" dia	2	Each	\$ 3,202.67	\$ 6,405.34
Fitness Equipment	ACCELL BENCH - STAND UP ATTACHMENT, BOLT ON	6	Each	\$ 48.00	\$ 288.00
Fitness Equipment	BUMPER PLATE SET - STANDARD, BLACK, 260LB (2x10,2x15,2x25,2x35,2x45)	4	Each	\$ 853.33	\$ 3,413.32
Fitness Equipment	DYNAMIC MEN'S OLY BAR - 28.5mm, 20kg/44lbs, Minimum tensile 190,000psi, NO center knurling, Dual Oillite bronze bushings, Made in USA	4	Each	\$ 556.67	\$ 2,226.68
Fitness Equipment	DYNAMIC WOMEN'S OLY BAR - 25mm / 15kg, Minimum tensile 180,000psi, NO center knurling, Dual Oillite bronze bushings, Made in USA	2	Each	\$ 496.00	\$ 992.00
Fitness Equipment	DUMBELL SET - 5-50LB, RUBBER HEX w/ CHROME ERGO HANDLE, 10 PAIRS, 5LBS INCREMENTS	1	Each	\$ 1,373.33	\$ 1,373.33
Fitness Equipment	DUMBELL SET - 55-75 LB, RUBBER HEX w/ CHROME ERGO HANDLE, 5 PAIRS, 5LBS INCREMENTS	1	Each	\$ 1,624.00	\$ 1,624.00
Fitness Equipment	S-RBx Recumbent Bike	2	Each	\$ 3,378.33	\$ 6,756.66
Fitness Equipment	Treadmill T3X	2	Each	\$ 6,958.33	\$ 13,916.66



**BASIS OF AWARD**

<b>LOCKERS</b>					
<b>Product Description</b>		<b>Quantity</b>	<b>UOM</b>	<b>Price</b>	<b>Total</b>
Lockers	Material – KD Heavy Duty Ventilated Athletic Locker 15"x15"x72" 1Tier Locker	350	Each	\$ 384.18	\$ 134,464.17
Lockers	Material – KD Heavy Duty Corridor/Kitchen Elite Locker 15"x15"x72" 1Tier Locker*	805	Each	\$ 293.13	\$ 235,972.33
Locker Room Benches	Material – BS9 - Laminated all White Northern Hard Maple Bench Slat, 9 ½" Wide (15' max. Length)*	60	Each	\$ 41.37	\$ 2,482.00
Locker Room Benches	Material – 8032 Adjustable Steel Pedestal*	12	Each	\$ 157.50	\$ 1,890.00

<b>AUDITORIUM SEATING</b>					
<b>Product Description</b>		<b>Quantity</b>	<b>UOM</b>	<b>Price</b>	<b>Total</b>
Auditorium Seating	Material – BW-200 Contour Auditorium Seating*	650	Each	\$ 439.82	\$ 285,883.00
Auditorium Seating	Material – Injection Molded* Arm Rests	650	Each	\$ 4.68	\$ 3,042.00
Auditorium Seating	Material – ¾ Laminate* End Panel	30	Each	\$ 17.68	\$ 530.40
Auditorium Seating	Material - Injected Molded Seat Shell, Fully Upholstered*	650	Each	\$ 22.75	\$ 14,787.50

**Grand Total of Basis of Award:** \$ 1,733,659.21

**Grand Total Written in Words:** One Million, Seven Hundred Thirty-Three Thousand, Six Hundred Fifty-Eight Dollars and Twenty-One Cents

[END OF SECTION]

**COOPERATIVE PURCHASING/ OTHER AGENCY CLAUSE**

For the term of the Contract and any mutually agreed extension pursuant to this request for bids, and at the option of the successful bidder, the Wiseburn Unified School District specifies that other public school districts, community college districts or other public agencies in the State of California may purchase, lease-purchase or rent the identical item(s) at the same or lower price and upon the same terms and conditions (hereinafter referred to as "Piggyback") pursuant to Public Contract Code sections 20118 and 20652. Unless incidental to the lease or purchase, labor for installation is specifically excluded from the Piggyback bid.

The Wiseburn Unified School District waives its right to require such other public entities to draw their warrants in favor of the Wiseburn Unified School District and authorizes each district/ agency to make payment to the successful bidder.

KYA Services LLC  
\_\_\_\_\_  
Proper Name of Bidder

\_\_\_\_\_  
Signature  
John A. Leyds - Principal



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## DESIGNATION OF SUBCONTRACTORS

In compliance with the Subletting and Subcontracting Fair Practices Act (California Public Contract Code Sections 4100 et. seq.) and any amendments thereof, each Bidder shall set forth below:

(a) the name, license number, and location of the place of business of each subcontractor who will perform work or render service to the Contractor, who will perform work or services or work or improvement to be performed under this Contract, or a subcontractor licensed by the State of California who, under subcontract to the Contractor, specially fabricates and installs a portion of the work or improvements according to detailed drawings contained in the plans and specifications in an amount in excess of one-half of one percent of the Contractor's total bid; and

(b) the portion and description of the work which will be done by each subcontractor under this Act. The Contractor shall list only one subcontractor for each such portion as is defined by the Contractor in this bid. All subcontractors shall be properly licensed by the California State Licensing Board.

If a Contractor fails to specify a subcontractor, or if a Contractor specifies more than one subcontractor for the same portion of work to be performed under the Contract in excess of one-half of one percent of the Contractor's total bid, the Contractor shall be deemed to have agreed that the Contractor is fully qualified to perform that portion, and that the Contractor alone shall perform that portion.

No Contractor whose bid is accepted shall

(a) substitute any subcontractor,

(b) permit any subcontractor to be voluntarily assigned or transferred or allow the relevant portion of the work to be performed by anyone other than the original subcontractor listed in the original bid, or

(c) sublet or subcontract any portion of the work in excess of one-half of one percent of the Contractor's total bid where the original bid did not designate a subcontractor, except as authorized in the Subletting and Subcontracting Fair Practices Act.

Subletting or subcontracting of any portion of the work in excess of one-half of one percent of the Contractor's total bid where no subcontractor was designated in the original bid shall only be permitted in cases of public emergency or necessity, and then only after a finding, reduced to writing as a public record, of the authority awarding this Contract setting forth the facts constituting the emergency or necessity.

**NOTE:** If alternate bids are called for and bidder intends to use different or additional subcontractors on the alternates, a separate list of subcontractors must be provided for each such Alternate.

**DESIGNATION OF SUBCONTRACTORS FORM**

Description & Portion of Work	Name of Subcontractor	Location & Place of Business	E-Mail & Telephone	License type and CSLB Number
-	see attached form			-

Proper Name of Bidder:

KYA Services LLC

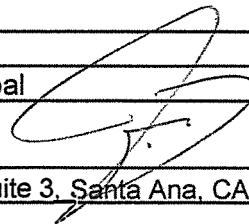
Date:

March 16, 2018

Name:

John A. Leyds - Principal

Signature of Bidder Representative:



Address:

1522 Brookhollow Dr., Suite 3, Santa Ana, CA 92705

Phone:

(714) 659-6476

DESIGNATION OF SUBCONTRACTORS - KYA Services LLC

Description & Portion of Work	Name of Subcontractor	Location & Place of Business	Telephone	E-Mail	CSLB Number	License Type
Surfacing	All Bay Area Floors, Inc.	403 Perrymont Ave, San Jose, Ca 95125	(408) 275-9293	Martin@allbavareafloors.org	942492	C15
General Construction, Grading, Paving	American Eagle Contractors Inc.	22605 LAPALMA AVE SUITE 508 YORBA LINDA, CA 92886	(714) 805-1982		764663	A, C-61/D06
Synthetic Turf	Asphalt Fabric & Engineering California Ultimate Turf	2683 Lime Ave, Signal Hill CA 90755	(562) 997-4129	dcoulter@afesports.com	747934	A, B, C-61/D12
Surfacing	Bakersfield Floor Covering, Inc	2701 Brundage Lane, Bakersfield, CA 93304	(661) 323-1748	mhall@bakersfieldfloorcovering.com	798823	C15
Synthetic Track	Beynon	16 Alt Road, Hunt Valley, MD 21030	(503) 691-2484	mduvst@beynonssports.com	883198	A, C15
Equipment Install	California Facility Specialties, Inc.	161 Mercury Circle Pomona, CA 91768	(909) 599-1200	mkurnik@cafecilityspec.com	944687	C-61/D34, C-61/D24
Surfacing	Cathedral Canyon Flooring	36331 Cathedral Canyon Dr, Cathedral City, CA 92234	(760) 770-2020	cgfloor@yahoo.com	957969	C15
Surfacing	Commercial Flooring Concepts (CFC)	6633 5th Avenue, Rio Linda CA 95673	(916) 607-4626	danielcortopassi711@gmail.com	1003549	C15
Abatement	Controlled Environmental Solutions	14736 Atminta St., Van Nuys, CA 91402	(818) 787-8935	ces818@gmail.com	602880	B, C22
Canopy Install	Custom Canopies Inc.	11815 BURKE ST SANTA FE SPRINGS, CA 90670	(562) 464-4766	tim@customshadecanopies.com	880332	C61/D03
General Construction	Dalinghaus Construction Inc.	540 Crane Street, Lake Elsinore, CA 92530	(877) 380-9227	brad@dalinghausconstruction.com	983851	A, B, C8, C-61/D30
General Construction	Dansa	7396 Lawrence Place, Fontana, CA 92336	(909) 322-7419	dansaconst96@yahoo.com	714606	B
Insulation/Ceilings	Excel Acoustics	357 N. Sheridan St. #116, Corona, CA 92880	(951) 371-5500	Lisa.Olson@excelacoustics.com	724511	C-2, C-61/D50
Playground Surfacing	FlexGround Surfaces Inc.	1809 W. 4th Street, Tempe, AZ 85281	(916) 474-5431	lisa@flexground.com	1003439	C-61/D12, C-61/D34
Surfacing	Floor It, Inc.	350 S. Pacific Street, Orcutt, CA 93455	(805) 925-4876	phillfloorit@gmail.com	773521	C15
Surfacing	Floor Tec Solutions, Inc.	2621 E 67th St, Ste. F, Long Beach, CA 90805	(949) 330-0291	frank@floortec-solutions.com	945539	C15
General Construction, Grading, Paving	Intersate Grading & Paving, Inc.	128 So. Maple Avenue, South San Francisco, CA 94080	(650) 952-7333	James@igpinc.com	366020	A, HAZ
Bleachers	Southern Bleacher Company	PO Box One, Graham, TX 76046	(800) 433-0912	ioe@venueseatingsolutions.com	564497	
Synthetic Track	The Track Doctor	740 East Jamaica Court, Meridian, MD 83642	(208) 871-5922	Trackdr@aol.com	894837	C-61/D64
General Construction	TLS Choice LLC	24491 Rosales Circle, Mission Viejo, CA 91691	(714) 922-3385	brooks.berry@tlschoice.com	1025607	A, B, HAZ
General Construction	WSK Construction, Inc.	1842 MOORPARK DRIVE BREA, CA 92821	(714) 990-5814	wskconst@gmail.com	1006613	B
Playground Surfacing	Ortco, Inc	2163 N GLASSELL STREET ORANGE, CA 92865	(714) 998-3998	justin@ortconlavs.com	657695	B, C61/D12, C61/D3, C61/D34
Surfacing	Progressive Surface Solutions, LLC	15171 Del Amo Ave., Ste 4, Tustin, CA 92780	714-698-4923	craig_maurer@progressivesurfacesolutions.com	929883	C61/D12, C15
Roofing, Painting	ADCO Roofing Inc	5743 CAHUENGA BLVD NORTH HOLLYWOOD, CA 91601	(818) 505-9272	danh@adcoroofing.com	560144	C39, B, C33
General Construction	Centromere Construction	16645 WHIRLAWAY CIRCLE MORENO VALLEY, CA 92551	(909) 992-6667	OFFICE@centromereteam.com	985015	B, C9
General Construction, Electrical	Case and Sons Construction Inc	P O BOX 893 YORBA LINDA, CA 92885	(714) 993-2206	snkohla18@gmail.com	518124	B, C10, C33, C7
General Construction, Grading, Paving	TOMCO	29991 CANYON HILLS RD #1709-260 LAKE ELSINORE, CA 92532	(951) 775-6535	dhill@tomco-llc.com	1035036	A, B

**NON-COLLUSION DECLARATION**

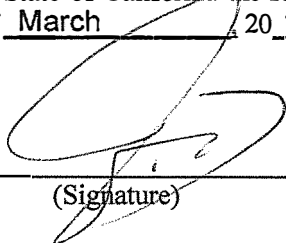
TO BE EXECUTED BY BIDDER AND SUBMITTED WITH BID  
(Public Contract Code Section 7106)  
(Prime Bidder)

I am the Principal of KYA Services LLC  
the party making the foregoing bid.

The bid is not made in the interest of, or on behalf of, any undisclosed person, partnership, company, association, organization, or corporation. The bid is genuine and not collusive or sham. The bidder has not directly or indirectly induced or solicited any other bidder to put in a sham bid, or to refrain from bidding. The bidder has not in any manner, directly or indirectly, sought by agreement, communication, or conference with anyone to fix the bid price of the bidder or any other bidder, or to fix any overhead, profit, or cost element of the bid price, or of that of any other bidder. All statements contained in the bid are true. The bidder has not, directly or indirectly, submitted his or her bid price or any breakdown thereof, or the contents thereof, or divulged information or data relative thereto, to any corporation, partnership, company association, organization, bid depository, or to any member or agent thereof, to effectuate a collusive or sham bid, and has not paid, and will not pay, any person or entity for such purpose.

Any person executing this declaration on behalf of a bidder that is a corporation, partnership, joint venture, limited liability company, limited liability partnership, or any other entity, hereby represents that he or she has full power to execute, and does execute, this declaration on behalf of the bidder.

I declare under penalty of perjury under the laws of the State of California the foregoing is true and correct and that this declaration is executed on the 16 day of March, 2018.

  
\_\_\_\_\_  
(Signature)

John A. Leyds - Principal  
\_\_\_\_\_  
(Printed Name)

[ATTACH NOTARY CERTIFICATE]



# CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

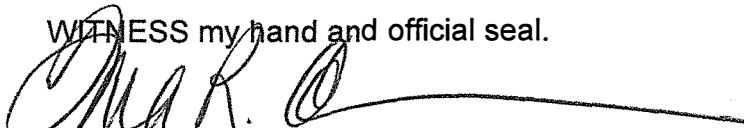
State of California }

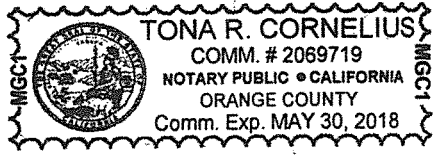
County of Orange }

On 16 March 2018 before me, Tona R. Cornelius, Notary Public,  
(Here insert name and title of the officer)

personally appeared John A. Leyds,  
who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/hers/their authorized capacity(ies), and that by his/hers/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.  
  
Notary Public Signature (Notary Public Seal)



**ADDITIONAL OPTIONAL INFORMATION** **INSTRUCTIONS FOR COMPLETING THIS FORM**

**DESCRIPTION OF THE ATTACHED DOCUMENT**

\_\_\_\_\_

(Title or description of attached document)

\_\_\_\_\_

(Title or description of attached document continued)

Number of Pages \_\_\_\_\_ Document Date \_\_\_\_\_

**CAPACITY CLAIMED BY THE SIGNER**

Individual (s)

Corporate Officer

\_\_\_\_\_ (Title)

Partner(s)

Attorney-in-Fact

Trustee(s)

Other \_\_\_\_\_

- This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.*
- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
  - Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
  - The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
  - Print the name(s) of document signer(s) who personally appear at the time of notarization.
  - Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he/she/they~~, is /are ) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
  - The notary seal impression must be clear and photographically reproducible. Impression must not cover text or lines. If seal impression smudges, re-seal if a sufficient area permits, otherwise complete a different acknowledgment form.
  - Signature of the notary public must match the signature on file with the office of the county clerk.
    - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
    - ❖ Indicate title or type of attached document, number of pages and date.
    - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
  - Securely attach this document to the signed document with a staple.

**BID BOND FORM**

KNOW ALL MEN BY THESE PRESENT that we, the undersigned, (hereafter called "Principal"), and International Fidelity Insurance Company (hereafter called "Surety"), are hereby held and firmly bound unto the Wiseburn Unified School District (hereafter called "District") in the sum of (\$ Five Percent of the Bid Amount ) for the payment of which, well and truly to be made, we hereby jointly and severally bind ourselves, successors, and assigns.

SIGNED this day of \_\_\_\_\_ March 22 \_\_\_\_\_, 20 18.

The condition of the above obligation is such that whereas the Principal has submitted to the District a certain Bid, attached hereto and hereby made a part hereof, to enter into a Contract in writing for the construction of Sports Equipment for Routine and Deferred Maintenance; Bid Package #3

NOW, THEREFORE,

- a. If said Bid is rejected, or
- b. If said Bid is accepted and the Principal executes and delivers a Contract or the attached Agreement form within five (5) calendar days after acceptance (properly completed in accordance with said Bid), and furnishes bonds for his faithful performance of said Contract and for payment of all persons performing ancillary services or furnishing materials in connection therewith,

Then this obligation shall be void; otherwise, the same shall remain in force and effect.

Surety, for value received, hereby stipulates and agrees that no change, extension of time, alteration, or addition to the terms of the Contract, or the call for bids, or the work to be performed thereunder, or the specifications accompanying the same, shall in anyway affect its obligation under this bond, and it does hereby waive notice of any such change, extension of time, alteration, or addition to the terms of said Contract, or the call for bids, or the work, or to the specifications.

In the event suit is brought upon this bond by the District and judgment is recovered, the Surety shall pay all costs incurred by the District in such suit, including without limitation, attorneys' fees to be fixed by the court.

IN WITNESS WHEREOF, Principal and Surety have hereunto set their hands and seals, and such of them as are corporations have caused their corporate seals to be hereto affixed and these presents to be signed by their proper officers, on the day and year first set forth above.

KYA Services, LLC  
By



*[Handwritten Signature]*  
\_\_\_\_\_  
Principal's Signature

*Edwin Jay - Director*  
\_\_\_\_\_  
Typed or Printed Name





(Corporate Seal)

Principal's Title

By \_\_\_\_\_

Surety's Signature

Yung T. Mullick

Typed or Printed Name

Attorney-in-Fact \_\_\_\_\_

Title

International Fidelity Insurance Company

Surety's Name

2400 E. Katella Ave., Ste. 250, Anaheim, CA 92806

Surety's Address

714-602-9170

Surety's Phone Number

**IMPORTANT:**

Surety companies executing bonds must possess a certificate of authority from the California Insurance Commissioner authorizing them to write surety insurance defined in California Insurance Code Section 105, and if the work or project is financed, in whole or in part, with federal, grant, or loan funds, it must also appear on the Treasury Department's most current list (Circular 570 as amended).

THIS IS A REQUIRED FORM.

---

Any claims under this bond may be addressed to:

(Name and Address of Surety)

International Fidelity Insurance Company

2400 E. Katella Ave., Ste. 250, Anaheim, CA 92806

---

(Name and Address of agent or representative for  
service of process in California if different from above)

The Bond Exchange and Insurance Agency

24800 Chrisanta Drive, Suite 160, Mission Viejo, CA 92691

---

(Telephone Number of Surety and agent or  
representative for service of process in California).  
Surety: 714-602-9170

Agent: 949-461-7000

[END OF REQUIRED]

# CALIFORNIA ALL- PURPOSE CERTIFICATE OF ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California }

County of Orange }

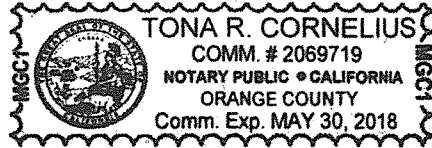
On 22 March 2018 before me, Tona R. Cornelius, Notary Public  
(Here insert name and title of the officer)

personally appeared Edwin Jay,  
 who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.

*Tona R. Cornelius*  
 Notary Public Signature



(Notary Public Seal)

### ADDITIONAL OPTIONAL INFORMATION

DESCRIPTION OF THE ATTACHED DOCUMENT

\_\_\_\_\_

(Title or description of attached document)

\_\_\_\_\_

(Title or description of attached document continued)

Number of Pages \_\_\_\_\_ Document Date \_\_\_\_\_

### CAPACITY CLAIMED BY THE SIGNER

- Individual (s)
- Corporate Officer
- \_\_\_\_\_ (Title)
- Partner(s)
- Attorney-in-Fact
- Trustee(s)
- Other \_\_\_\_\_

### INSTRUCTIONS FOR COMPLETING THIS FORM

*This form complies with current California statutes regarding notary wording and, if needed, should be completed and attached to the document. Acknowledgments from other states may be completed for documents being sent to that state so long as the wording does not require the California notary to violate California notary law.*

- State and County information must be the State and County where the document signer(s) personally appeared before the notary public for acknowledgment.
- Date of notarization must be the date that the signer(s) personally appeared which must also be the same date the acknowledgment is completed.
- The notary public must print his or her name as it appears within his or her commission followed by a comma and then your title (notary public).
- Print the name(s) of document signer(s) who personally appear at the time of notarization.
- Indicate the correct singular or plural forms by crossing off incorrect forms (i.e. ~~he~~/she/~~they~~, is /~~are~~) or circling the correct forms. Failure to correctly indicate this information may lead to rejection of document recording.
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- Signature of the notary public must match the signature on file with the office of the county clerk.
  - ❖ Additional information is not required but could help to ensure this acknowledgment is not misused or attached to a different document.
  - ❖ Indicate title or type of attached document, number of pages and date.
  - ❖ Indicate the capacity claimed by the signer. If the claimed capacity is a corporate officer, indicate the title (i.e. CEO, CFO, Secretary).
- Securely attach this document to the signed document with a staple.

# CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

STATE OF CALIFORNIA

County of Orange }

On March 22, 2018 before me, Irene Luong, Notary Public,  
Date Insert Name of Notary exactly as it appears on the official seal

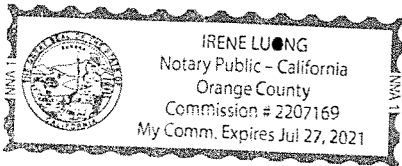
personally appeared Yung T. Mullick  
Name(s) of Signer(s)

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

Witness my hand and official seal.

Signature   
Signature of Notary Public Irene Luong



Place Notary Seal Above

## OPTIONAL

*Though the information below is not required by law, it may prove valuable to persons relying on the document and could prevent fraudulent removal and reattachment of the form to another document.*

### Description of Attached Document

Title or Type of Document: \_\_\_\_\_

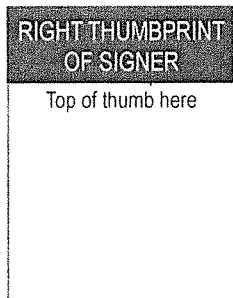
Document Date: \_\_\_\_\_ Number of Pages: \_\_\_\_\_

Signer(s) Other Than Named Above: \_\_\_\_\_

### Capacity(ies) Claimed by Signer(s)

Signer's Name: \_\_\_\_\_

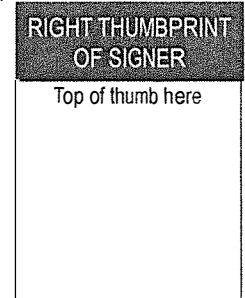
- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner     Limited     General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer is Representing:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

Signer's Name: \_\_\_\_\_

- Individual
- Corporate Officer — Title(s): \_\_\_\_\_
- Partner     Limited     General
- Attorney in Fact
- Trustee
- Guardian or Conservator
- Other: \_\_\_\_\_



Signer is Representing:  
 \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

# POWER OF ATTORNEY

## INTERNATIONAL FIDELITY INSURANCE COMPANY ALLEGHENY CASUALTY COMPANY

ONE NEWARK CENTER, 20TH FLOOR NEWARK, NEW JERSEY 07102-5207

KNOW ALL MEN BY THESE PRESENTS: That INTERNATIONAL FIDELITY INSURANCE COMPANY, a corporation organized and existing under the laws of the State of New Jersey, and ALLEGHENY CASUALTY COMPANY a corporation organized and existing under the laws of the State of New Jersey, having their principal office in the City of Newark, New Jersey, do hereby constitute and appoint

STEPHANIE HOANG, JAMES W. MOILANEN, YUNG T. MULLICK

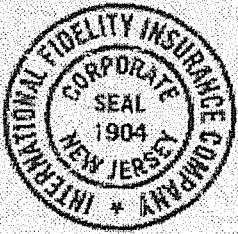
Mission Viejo, CA.

their true and lawful attorney(s)-in-fact to execute, seal and deliver for and on its behalf as surety, any and all bonds and undertakings, contracts of indemnity and other writings obligatory in the nature thereof, which are or may be allowed, required or permitted by law, statute, rule, regulation, contract or otherwise, and the execution of such instrument(s) in pursuance of these presents, shall be as binding upon the said INTERNATIONAL FIDELITY INSURANCE COMPANY and ALLEGHENY CASUALTY COMPANY, as fully and amply, to all intents and purposes, as if the same had been duly executed and acknowledged by their regularly elected officers at their principal offices.

This Power of Attorney is executed, and may be revoked, pursuant to and by authority of the By-Laws of INTERNATIONAL FIDELITY INSURANCE COMPANY and ALLEGHENY CASUALTY COMPANY and is granted under and by authority of the following resolution adopted by the Board of Directors of INTERNATIONAL FIDELITY INSURANCE COMPANY at a meeting duly held on the 20th day of July, 2010 and by the Board of Directors of ALLEGHENY CASUALTY COMPANY at a meeting duly held on the 10th day of July, 2015:

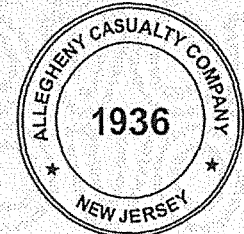
"RESOLVED, that (1) the Chief Executive Officer, President, Executive Vice President, Vice President or Secretary of the Corporation shall have the power to appoint, and to revoke the appointments of, Attorneys-in-Fact or agents with power and authority as defined or limited in their respective powers of attorney, and to execute on behalf of the Corporation and affix the Corporation's seal thereto, bonds, undertakings, recognizances, contracts of indemnity and other written obligations in the nature thereof or related thereto; and (2) any such Officers of the Corporation may appoint and revoke the appointments of joint-control custodians, agents for acceptance of process, and Attorneys-in-fact with authority to execute waivers and consents on behalf of the Corporation; and (3) the signature of any such Officer of the Corporation and the Corporation's seal may be affixed by facsimile to any power of attorney or certification given for the execution of any bond, undertaking, recognizance, contract of indemnity or other written obligation in the nature thereof or related thereto, such signature and seals when so used whether heretofore or hereafter, being hereby adopted by the Corporation as the original signature of such officer and the original seal of the Corporation, to be valid and binding upon the Corporation with the same force and effect as though manually affixed."

IN WITNESS WHEREOF, INTERNATIONAL FIDELITY INSURANCE COMPANY and ALLEGHENY CASUALTY COMPANY have each executed and attested these presents on this 31st day of December, 2016.



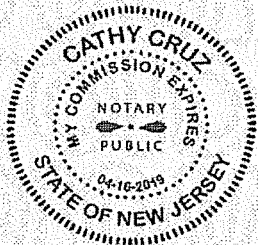
STATE OF NEW JERSEY  
County of Essex

George R. James  
Executive Vice President (International Fidelity Insurance Company) and Vice President (Allegheny Casualty Company)



On this 31st day of December 2016, before me came the individual who executed the preceding instrument, to me personally known, and, being by me duly sworn, said he is the therein described and authorized officer of INTERNATIONAL FIDELITY INSURANCE COMPANY and ALLEGHENY CASUALTY COMPANY; that the seals affixed to said instrument are the Corporate Seals of said Companies; that the said Corporate Seals and his signature were duly affixed by order of the Boards of Directors of said Companies.

IN TESTIMONY WHEREOF, I have hereunto set my hand affixed my Official Seal, at the City of Newark, New Jersey the day and year first above written.



A NOTARY PUBLIC OF NEW JERSEY  
My Commission Expires April 16, 2019

### CERTIFICATION

I, the undersigned officer of INTERNATIONAL FIDELITY INSURANCE COMPANY and ALLEGHENY CASUALTY COMPANY do hereby certify that I have compared the foregoing copy of the Power of Attorney and affidavit, and the copy of the Sections of the By-Laws of said Companies as set forth in said Power of Attorney, with the originals on file in the home office of said companies, and that the same are correct transcripts thereof, and of the whole of the said originals, and that the said Power of Attorney has not been revoked and is now in full force and effect.

IN TESTIMONY WHEREOF, I have hereunto set my hand this

22<sup>nd</sup> day of March, 2018.

MARIA BRANCO, Assistant Secretary

STATE OF CALIFORNIA  
DEPARTMENT OF INSURANCE  
SAN FRANCISCO

Certificate of Authority

THIS IS TO CERTIFY, *That, pursuant to the Insurance Code of the State of California,*

*International Fidelity Insurance Company*

*of Newark, New Jersey, organized under the laws of New Jersey, subject to its Articles of Incorporation or other fundamental organizational documents, is hereby authorized to transact within this State, subject to all provisions of this Certificate, the following classes of insurance:*

**Surety**

*as such classes are now or may hereafter be defined in the Insurance Laws of the State of California.*

THIS CERTIFICATE is expressly conditioned upon the holder hereof now and hereafter being in full compliance with all, and not in violation of any, of the applicable laws and lawful requirements made under authority of the laws of the State of California as long as such laws or requirements are in effect and applicable, and as such laws and requirements now are, or may hereafter be changed or amended.

IN WITNESS WHEREOF, *effective as of the 9th day of February, 1996, I have hereunto set my hand and caused my official seal to be affixed this 9th day of February, 1996.*

Fee \$2833.00

Chuck Quackenbush  
*Insurance Commissioner*

Rec. No.

Filed 8/15/95

**By**

Victoria S. Sidbury  
*Deputy*

**Certification**

*I, the undersigned Insurance Commissioner of the State of California, do hereby certify that I have compared the above copy of Certificate of Authority with the duplicate of original now on file in my office, and that the same is a full, true, and correct transcript thereof, and of the whole of said duplicate, and said Certificate of Authority is now in full force and effect.*

IN WITNESS WHEREOF, *I have hereunto set my hand and caused my official seal to be affixed this 7th day of January, 2009.*

Steve Poizner  
*Insurance Commissioner*

By

*Pauline D'Andrea*  
Pauline D'Andrea

**CONTRACTOR'S CERTIFICATE REGARDING  
WORKERS' COMPENSATION FORM**

Labor Code Section 3700 in relevant part provides:

Every employer except the State shall secure the payment of compensation in one or more of the following ways:

1. By being insured against liability to pay compensation by one or more insurers duly authorized to write compensation insurance in this State.
2. By securing from the Director of Industrial Relations a certificate of consent to self-insure, which may be given upon furnishing proof satisfactory to the Director of Industrial Relations of ability to self-insure and to pay any compensation that may become due to employees.
3. For any county, city, city and county, municipal corporation, public district, public agency, or any political subdivision of the state, including each member of a pooling arrangement under a joint exercise of powers agreement (but not the state itself), by securing from the Director of Industrial Relations a certificate of consent to self-insure against workers' compensation claims, which certificate may be given upon furnishing proof satisfactory to the director of ability to administer workers' compensation claims properly, and to pay workers' compensation claims that may become due to its employees. On or before March 31, 1979, a political subdivision of the state which, on December 31, 1978, was uninsured for its liability to pay compensation, shall file a properly completed and executed application for a certificate of consent to self-insure against workers' compensation claims. The certificate shall be issued and be subject to the provisions of Section 3702.

I am aware of the provisions of Labor Code Section 3700 which require every employer to be insured against liability for workers' compensation or to undertake self-insurance in accordance with the provisions of that code, and I will comply with such provision before commencing the performance of the work of this Contract.



CONTRACTOR

KYA Services LLC

(Signature)

John A. Leyds - Principal

(Print Name and Title)

**CONTRACTOR'S CERTIFICATE REGARDING DRUG-FREE WORKPLACE**

This Drug-Free Workplace Certification form is required from all successful bidders pursuant to the requirements mandated by Government Code section 8350 et seq., the Drug-Free Workplace Act of 1990. The Drug-Free Workplace Act of 1990 requires that every person or organization awarded a contract or grant for the procurement of any property or service from any State agency must certify that it will provide a drug-free workplace by performing certain specified acts. In addition, the Act provides that each contract or grant awarded by a State agency may be subject to suspension of payments or termination of the contract or grant, and the Contractor or grantee may be subject to debarment from future contracting, if the contracting agency determines that specified acts have occurred.

Pursuant to Government Code section 8355, every person or organization awarded a contract or grant from a State agency shall certify that it will provide a drug-free workplace by doing all of the following:

- 1. Publishing a statement, notifying employees that the unlawful manufacture, distribution, dispensation, possession, or use of a controlled substance is prohibited in the person's or organization's workplace, and specifying actions which will be taken against employees for violations of the prohibition.

Establishing a drug-free awareness program to inform employees about all of the following:

- a. The dangers of drug abuse in the workplace;
- b. The person's or organization's policy of maintaining a drug-free workplace;
- c. The availability of drug counseling, rehabilitation and employee-assistance programs; and
- d. The penalties that may be imposed upon employees for drug abuse violations;

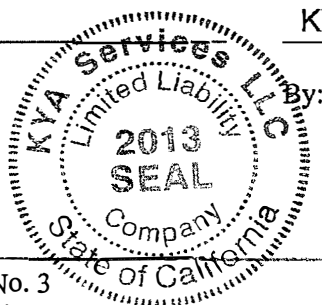
Requiring that each employee engaged in the performance of the contract or grant be given a copy of the statement required by subdivision (a) and that, as a condition of employment on the contract or grant, the employee agrees to abide by the terms of the statement.

I, the undersigned, agree to fulfill the terms and requirements of Government Code section 8355 listed above and will (a) publish a statement notifying employees concerning the prohibition of controlled substance at the workplace, (b) establish a drug-free awareness program, and (c) require each employee engaged in the performance of the contract be given a copy of the statement required by section 8355(a) and require such employee agree to abide by the terms of that statement.

I also understand that if the Wiseburn Unified School District determines that I have either (a) made a false certification herein, or (b) violated this certification by failing to carry out the requirements of Section 8355, that the contract awarded herein is subject to termination, suspension of payments, or both. I further understand that, should I violate the terms of the Drug-Free Workplace Act of 1990, I may be subject to debarment in accordance with the requirements of Section 8350 et seq.

I acknowledge that I am aware of the provisions of Government Code section 8350 et seq. and hereby certify that I will adhere to the requirements of the Drug-Free Workplace Act of 1990.

DATE: March 16, 2018



KYA Services LLC

CONTRACTOR

Signature

John A. Leyds - Principal



**CONTRACTOR'S CERTIFICATE REGARDING ALCOHOLIC BEVERAGE AND  
TOBACCO-FREE CAMPUS POLICY**

The Contractor agrees that it will abide by and implement the Wiseburn Unified School District's Alcoholic Beverage and Tobacco-Free Campus Policy, which prohibits the use of alcoholic beverages and tobacco products, of any kind and at any time, on District-owned or leased buildings, on District property and in District vehicles. The Contractor shall procure signs stating "ALCOHOLIC BEVERAGE AND TOBACCO USE IS PROHIBITED" and shall ensure that these signs are prominently displayed in all entrances to school property at all times.

DATE: March 16, 2018

KYA Services LLC  
CONTRACTOR

By: \_\_\_\_\_  
Signature

John A. Leyds - Principal



# SUPPLEMENTARY CONDITIONS

## CONTRACT EXTENSIONS

### PART 1. CLAUSE

If mutually agreeable, the DISTRICT reserves the right to consider the extension of this contract for one or two-year periods up to a maximum of five (5) years. Time of such extension is to begin the day after the end of the initial term of this contract and will end a full one or two calendar years thereafter. In addition, the DISTRICT reserves the right to further extend this contract to the full extent allowed by law. Factors that would influence the Office in exercising this option would be satisfactory service being rendered by the holder of the contract and any increase in price caused by such extension to be a nominal amount and not excessive as measured by local market conditions. In the award of this bid renewal, the Office will consider the amount of the price increase stated by the bidder as a factor and will compute accordingly. A price increase, if exercised, shall be fully justified by vendor and provided by a test of the market and/or submission of documents.

### PART 2. EXTENSION

Extension will be based on CPI price index annually  Yes  No

Term Extension(s) of:  1 year  2 years  3 years  4 years  5 years

Signature of Responsible Party \_\_\_\_\_

Name: Edwin Jay

Title: Director

Date: April 14, 2018



**AGREEMENT**

**THIS AGREEMENT**, entered into this 26<sup>th</sup> day of April in the County of Los Angeles of the State of California, by and between the Wiseburn Unified School District, hereinafter called the “District”, and KYA Services, LLC., hereinafter called the “Contractor”.

**WITNESSETH** that the District and the Contractor for the consideration stated herein agree as follows:

**ARTICLE I - SCOPE OF WORK:** The Contractor shall furnish all installation, materials, equipment, tools, and utility and transportation services, and perform and complete all work required in connection with WISEBURN UNIFIED SCHOOL DISTRICT pursuant to the Piggyback #3: Sports Equipment for Routine and Deferred Maintenance in strict accordance with the Contract Documents enumerated in Article 7 below. The Contractor shall be liable to the District for any damages arising as a result of a failure to comply with that obligation, and the Contractor shall not be excused with respect to any failure to so comply by an act or omission of the Architect, Engineer, Inspector, Division of the State Architect (DSA), or representative of any of them, unless such act or omission actually prevents the Contractor from fully complying with the Contract Documents and the Contractor protests, in accordance with the Contract Documents, that the act or omission is preventing the Contractor from fully complying with the Contract Documents. Such protest shall not be effective unless reduced to writing and filed with the District office within seven (7) days of the date of occurrence of such act or omission preventing the Contractor from fully complying with the Contract Documents.

**ARTICLE 2 - TIME OF COMPLETION:** The District may give notice to proceed within ninety (90) days of the award of the bid by the District. Once the Contractor has received a notice to proceed, the Contractor shall reach Substantial Completion (See Article 1.1.46) of the Work within ninety (90) calendar days from receipt of the Notice to Proceed. This shall be called Contract Time. (See Article 8.1.1). It is expressly understood that time is of the essence.

Contractor has thoroughly studied the Project and has satisfied itself that the time period for this Project is adequate for the timely and proper completion of the Project within the Contract time.

In the event that the District desires to postpone giving the notice to proceed beyond this ninety (90) day period, it is expressly understood that with reasonable notice to the Contractor, giving the notice to proceed may be postponed by the District. It is further expressly understood by the Contractor, that the Contractor shall not be entitled to any claim of additional compensation as a result of the District’s postponement of giving the notice to proceed.

If the Contractor believes that a postponement will cause hardship to it, the Contractor may terminate the Contract with written notice to the District within ten (10) days after receipt by the Contractor of the District’s notice of postponement. It is further understood by the Contractor that in the event that the Contractor terminates the Contract as a result of postponement by the District, the District shall only be obligated to pay the Contractor for the work performed by the Contractor at the time of notification of postponement. Should the Contractor terminate the Contract as a result of a notice of postponement, the District shall have the authority to award the Contract to the next lowest responsible bidder.

**ARTICLE 3 - LIQUIDATED DAMAGES:** It being impracticable and infeasible to determine the amount of actual damage, it is agreed that the Contractor will pay the District the sum of One Thousand Five Hundred Dollars (\$1,500) per calendar day for each and every day of delay beyond the Contract Time set forth in Article 2 of this Agreement as liquidated damages and not as a penalty or forfeiture. In the event Liquidated Damages are not paid, the Contractor further agrees that the District may deduct such amount thereof from any money due or that may become due the Contractor under the Contract (See Article 9.6 and 2.2 of the General Conditions). This Article shall not be construed as preventing the District from the recovery of damages under the Contract Documents.

**ARTICLE 4 - CONTRACT PRICE:** The District shall pay to the Contractor as full consideration for the faithful performance of the Contract, subject to any additions or deductions as provided in the Contract Documents, the sum of five dollars (\$5.00), said sum being the total amount stipulated in the Bid Contractor submitted. Payment shall be made as set forth in the General Conditions.

Should any Change Order result in an increase in the Contract Price, the cost of such Change Order shall be agreed to in advance by the Contractor and the District, subject to the monetary limitations set forth in Public Contract Code Section

In the event that the Contractor proceeds with a Change in work without an agreement between the District and Contractor regarding the cost of a Change Order, the Contractor waives any Claim of additional compensation for such additional work.

**ARTICLE 5 - HOLD HARMLESS AGREEMENT:** Contractor shall defend, indemnify and hold harmless District, Architect, Inspector, the State of California and their officers, employees, agents and independent contractors from all liabilities, claims, actions, liens, judgments, demands, damages, losses, costs or expenses of any kind arising from death, personal injury, property damage or other cause based or asserted upon any act, omission, or breach connected with or arising from the progress of Work or performance of service under this Agreement or the Contract Documents. As part of this indemnity, Contractor shall protect and defend, at its own expense, District, Architect, Construction Manager, Inspector, the State of California and their officers, employees, agents and independent contractors from any legal action including attorney's fees or other proceeding based upon such act, omission, breach or as otherwise required by this Article.

Furthermore, Contractor agrees to and does hereby defend, indemnify and hold harmless District, Architect, Construction Manager, Inspector, the State of California and their officers, employees, agents and independent contractors from every claim or demand made, and every liability, loss, damage, expense or attorney's fees of any nature whatsoever, which may be incurred by reason of:

(a) Liability for (1) death or bodily injury to persons; (2) damage or injury to, loss (including theft), or loss of use of, any property; (3) any failure or alleged failure to comply with any provision of law or the Contract Documents; or (4) any other loss, damage or expense, sustained by any person, firm or corporation or in connection with the Work called for in this Agreement or the Contract Documents, except for liability resulting from the sole or active negligence, or the willful misconduct of the District.

(b) Any bodily injury to or death of persons or damage to property caused by any act, omission or breach of Contractor or any person, firm or corporation employed by Contractor, either directly or by independent contract, including all damages or injury to or death of persons, loss (including theft) or loss of use of any property, sustained by any person, firm or corporation, including the District, arising out of or in any way connected with Work covered by this Agreement or the Contract Documents, whether said injury or damage occurs either on or off District property, but not for any loss, injury, death or damages caused by the sole or active negligence or willful misconduct of the District.

(c) Any dispute between Contractor and Contractor's subcontractors/supplies/ Sureties, including, but not limited to, any failure or alleged failure of the Contractor (or any person hired or employed directly or indirectly by the Contractor) to pay any Subcontractor or Materialman of any tier or any other person employed in connection with the Work and/or filing of any stop notice or mechanic's lien claims.

Contractor, at its own expense, cost, and risk, shall defend any and all claims, actions, suits, or other proceedings that may be brought or instituted against the District, its officers, agents or employees, on account of or founded upon any cause, damage, or injury identified herein Article 5 and shall pay or satisfy any judgment that may be rendered against the District, its officers, agents or employees in any action, suit or other proceedings as a result thereof.

The Contractor's and Subcontractors' obligation to defend, indemnify and hold harmless the District, Architect, Inspector, the State of California and their officers, employees, agents and independent contractors hereunder shall include, without limitation, any and all claims, damages, and costs for the following: (1) any damages or injury to or death of any person, and damage or injury to, loss (including theft), or loss of use of, any property; (2) breach of any warranty, express or implied; (3) failure of the Contractor or Subcontractors to comply with any applicable governmental law, rule, regulation, or other requirement; (4) products installed in or used in connection with the Work; and (5) any claims of violation of the Americans with Disabilities Act ("ADA")

**ARTICLE 6 - PROVISIONS REQUIRED BY LAW:** Each and every provision of law and clause required to be inserted in this Contract shall be deemed to be inserted herein, and this Contract shall be read and enforced as though it were included herein, and if through mistake or otherwise any such provision is not inserted or is not inserted correctly, then upon application of either party the Contract shall forthwith be physically amended to make such insertion or correction.

**ARTICLE 7 - COMPONENT PARTS OF THE CONTRACT:** The Contract entered into by this Agreement consists of the following Contract Documents, all of which are component parts of the Contract as if herein set out in full or attached hereto:

Notice Inviting Bids  
Instructions to Bidders  
Designation of  
Subcontractors Non-  
Collusion Declaration Bid  
Bond  
Bid Form  
Basis of Award Form  
Unit Cost Schedules/Unit Price Schedules  
Cooperative Purchasing/ And Other Agency  
Clause  
Contractor's Certificate Regarding Worker's Compensation  
Agreement Form  
Payment Bond  
Performance Bond  
Guarantee  
Escrow Agreement for Security Deposit In Lieu of Retention  
Workers' Compensation/Employers Liability Endorsement  
General Liability Endorsement  
Automobile Liability Endorsement  
General Conditions  
Supplementary and Special Conditions  
Specifications  
All Addenda as Issued  
Drawings/Plans

General Liability Endorsement  
Automobile Liability Endorsement

General Conditions  
Supplementary and Special Conditions  
Specifications  
All Addenda as Issued  
Drawings/Plans

All of the above named Contract Documents are intended to be complementary. Work required by one of the above named Contract Documents and not by others shall be done as if required by all.

**ARTICLE 8 - PREVAILING WAGES:** Wage rates for this Project shall be in accordance with the general prevailing rate of holiday and overtime work in the locality in which the work is to be performed for each craft, classification, or type of work needed to execute the Contract as determined by the Director of the Department of Industrial Relations. Copies of schedules of rates so determined by the Director of the Department of Industrial Relations are on file at the administrative office of the District and are also available from the Director of the Department of Industrial Relations.

The following are hereby referenced and made a part of this Agreement and Contractor stipulates to the provisions contained therein.

1. Chapter 1 of Part 7 of Division 2 of the Labor Code (Section 1720 et seq.)
2. California Code of Regulations, Title 8, Chapter 8, Subchapters 3 through 6 (Section 16000 et seq.)

**ARTICLE 9 - RECORD AUDIT:** In accordance with Government Code Section 8546.7 (and Davis Bacon, if applicable) and Article 13.11 of the General Conditions, records of both the District and the Contractor shall be subject to examination and audit for a period of five (5) years after a Final Retention Payment or the Recording of a Notice of Completion, whichever occurs first

**ARTICLE 10 - CONTRACTOR'S LICENSE:** The Contractor must possess throughout the Project a Class B Contractor's License, issued by the State of California, which must be current and in good standing.

**IN WITNESS WHEREOF,** this Agreement has been duly executed by the above named parties, on the day and year first above written.

WISEBURN UNIFIED SCHOOL DISTRICT

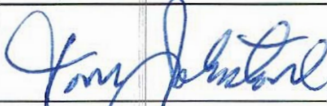
CONTRACTOR: KYA Services LLC

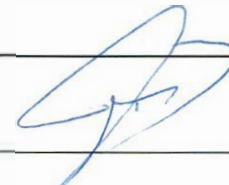
Tom Johnstone  
\_\_\_\_\_  
Typed or Printed Name

John Anthony Leyds  
\_\_\_\_\_  
Typed or Printed Name

Superintendent  
\_\_\_\_\_  
Title

Principal  
\_\_\_\_\_  
Title

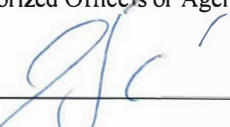
Signature  
  
\_\_\_\_\_  
Signature

  
\_\_\_\_\_  
Signature

4/26/18  
\_\_\_\_\_  
Dated:

Edwin Jay  
\_\_\_\_\_  
Type or Printed Name

Director  
\_\_\_\_\_  
Title (Authorized Officers or Agents)

  
\_\_\_\_\_  
Signature

(CORPORATE SEAL)



# BOARD MINUTES APPROVING AGREEMENT

## 6. Action Items - Facilities

Action: 6.1 Execute Agreement with KYA Services, LLC. for Piggyback #1: Flooring, Wall, and Interior Finishes for Routine and Deferred Maintenance - Fund 14.0

It is recommended the Board execute an agreement for resilient hard surface tile with KYA Services LLC. in the amount not to exceed \$2.96. This agreement is for Piggyback #1: Flooring, Wall, and Interior Finishes for Routine and Deferred Maintenance for use throughout the District and for use by other districts or cities throughout California. This proposal to be paid from Deferred Maintenance - Fund 14.0

Motion by Nelson Martinez, second by Israel Mora.

Final Resolution: Motion Carries

Yea: Israel Mora, JoAnne Kaneda, Nelson Martinez, Roger Banuelos

Action: 6.2 Execute Agreement with KYA Services, LLC. for Piggyback #2: Synthetic Turf, Concrete, Asphalt, and Ancillary Equipment for Routine and Deferred Maintenance - Fund 14.0

It is recommended the Board execute an agreement for PermaLeaf Barberry Bush with KYA Services LLC. in the amount not to exceed \$39.00. This agreement is for Piggyback #2: Synthetic Turf, Concrete, Asphalt, and Ancillary Equipment for Routine and Deferred Maintenance for use throughout the District and for use by other districts or cities throughout California. This proposal to be paid from Deferred Maintenance - Fund 14.0.

Motion by Nelson Martinez, second by Israel Mora.

Final Resolution: Motion Carries

Yea: Israel Mora, JoAnne Kaneda, Nelson Martinez, Roger Banuelos

Action: 6.3 Execute Agreement with KYA Services, LLC. for Piggyback #3: Sports Equipment for Routine and Deferred Maintenance - Fund 14.0

It is recommended the Board execute an agreement for Lacrosse Ball with KYA Services LLC. in the amount not to exceed \$5.00. This agreement is for Piggyback #3: Sports Equipment for Routine and Deferred Maintenance for use throughout the District and for use by other districts or cities throughout California. This proposal to be paid from Deferred Maintenance - Fund 14.0

Motion by Nelson Martinez, second by Israel Mora.

Final Resolution: Motion Carries

Yea: Israel Mora, JoAnne Kaneda, Nelson Martinez, Roger Banuelos

# BOARD MINUTES APPROVING EXTENSION 2019-2020

Board Meeting Date: March 28, 2019

## 6. General

Action: 6.1 Approval of Resolution #18/19.14 - Funding for Children with Disabilities

It is recommended the Board approve Resolution #18/19.14, Funding for Children with Disabilities.

Motion by Neil Goldman, second by Nelson Martinez.

Final Resolution: Motion Carries

Yea: JoAnne Kaneda, Neil Goldman, Nelson Martinez, Roger Banuelos

## 7. Action Items - Facilities

Action: 7.1 Approve Renewal of Piggyback 1: Flooring, Walls, Interior Finishes for Routine and Deferred Maintenance

It is recommended the District exercise its option to extend Piggyback 1: Flooring, Walls, Interior Finishes for the first term for a full year of 365 calendar days. This extension will be based on the terms found in the original agreement dated April 26, 2018.

The term of this piggyback renewal will be March 28, 2019 through March 27, 2020. This is the first annual renewal, giving the District the option to renew the piggyback for three additional one year terms.

Motion by Nelson Martinez, second by Roger Banuelos.

Final Resolution: Motion Carries

Yea: JoAnne Kaneda, Neil Goldman, Nelson Martinez, Roger Banuelos

Action: 7.2 Approve Renewal of Piggyback 2: Synthetic Turf, Concrete, Asphalt and Ancillary Equipment for Routine and Deferred Maintenance

It is recommended the District exercise its option to extend Piggyback 1: Synthetic Turf, Concrete, Asphalt and Ancillary Equipment the first term for a full year of 365 calendar days. This extension will be based on the terms found in the original agreement dated April 26, 2018. The term of this piggyback renewal will be March 28, 2019 through March 27, 2020. This is the first annual renewal, giving the District the option to renew the piggyback for three additional one year terms.

Motion by Nelson Martinez, second by Roger Banuelos.

Final Resolution: Motion Carries

Yea: JoAnne Kaneda, Neil Goldman, Nelson Martinez, Roger Banuelos

Action: 7.3 Approve Renewal of Piggyback 3: Sports Equipment for Routine and Deferred Maintenance

It is recommended the District exercise its option to extend Piggyback 3: Sports Equipment for the first term for a full year of 365 calendar days. This extension will be based on the terms found in the original agreement dated April 26, 2018. The term of this piggyback renewal will be March 28, 2019 through March 27, 2020. This is the first annual renewal, giving the District the option to renew the piggyback for three additional one year terms.

Motion by Nelson Martinez, second by Roger Banuelos.

Final Resolution: Motion Carries

Yea: JoAnne Kaneda, Neil Goldman, Nelson Martinez, Roger Banuelos



# LETTER OF RENEWAL 2019-2020



## WISEBURN UNIFIED SCHOOL DISTRICT

Blake Silvers, Ed.D., Superintendent

Board of Trustees

JoAnne Kaneda, President • Roger Bañuelos, Vice President/Clerk  
Nelson Martinez, Member • Neil Goldman, Member • Israel Mora, Member

March 29, 2019

Mr. Anthony Leyds  
KYA Services, LLC  
1800 East McFadden Ave.  
Santa Ana, CA 92705


Subject: *Letter of Renewal-Piggyback # 3: Sports Equipment for Routine and Deferred Maintenance*

Dear Mr. Leyds,

For your information, the School Board at its regularly scheduled meeting on March 28, 2019 has approved to renew *Piggyback 3: Sports Equipment for Routine and Deferred Maintenance* by exercising its option to extend our agreement for a first term for a full year of 365 calendar days. This extension is based on the terms found in the original agreement dated April 26, 2018.

Should you have any questions or need additional information, please feel free to contact Annie Aung at (310) 331-8102 or email any questions to [aaung@wiseburn.org](mailto:aaung@wiseburn.org).

Sincerely,

  
Dave Wilson  
Chief Business Official  
Wiseburn Unified School District

201 North Douglas Street, El Segundo, CA 90245 • Phone: (310) 725-2101 • Fax: (424) 277-1590

## **BOARD MINUTES APPROVING EXTENSION 2020-2021**

[Pending Board Approval]

## **LETTER OF RENEWAL 2020-2021**

[Pending Board Approval]

## **BOARD MINUTES APPROVING EXTENSION 2021-2022**

[Pending Board Approval]

**LETTER OF RENEWAL 2021-2022**

[Pending Board Approval]

## **BOARD MINUTES APPROVING EXTENSION 2022-2023**

[Pending Board Approval]

## **LETTER OF RENEWAL 2022-2023**

[Pending Board Approval]

# UNIT PRICE SCHEDULES

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## **PART 1. INSTRUCTIONS**

### 1.1 GENERAL

- A. This form must be included with your bid instructions.
- B. Materials must include shipment and delivery costs
- C. Material and installation price categories **MUST** be listed separately.

### 1.2 MINIMUMS

- A. No Minimum order requirements for material purchases.

## **PART 2. PRICING**

### 2.1 MATERIAL

- A. Shall include the following:
  - (1) Shipment
  - (2) Delivery
  - (3) Material packaging
  - (4) 24-hour delivery notice

### 2.2 INSTALLATION

- A. Please refer to Ancillary Services Schedule.

## **PART 3. STANDARD WORK WEEK**

3.1 Standard work period shall be from 7:00AM to 5:00PM

3.2 Standard work days are TUESDAY through SATURDAY (Excluding Holidays).



**UNIT PRICE SCHEDULES**

<b>INDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Ceiling Hung Basketball Backstops	Single Post Backstop Series, Forward Fold/Rear Braced	Each	Call for Quote
Ceiling Hung Basketball Backstops	Single Post Backstop Series, Rear Fold/Rear Braced	Each	Call for Quote
Ceiling Hung Basketball Backstops	Single Post Backstop Series, Forward Fold/Front Braced	Each	Call for Quote
Ceiling Hung Basketball Backstops	Single Post Backstop Series, Side Fold/Side Braced	Each	Call for Quote
Ceiling Hung Basketball Backstops	Single Post Backstop Series, Stationary/Ceiling Braced	Each	Call for Quote
Ceiling Hung Basketball Backstops	Single Post Backstop Series, Stationary/Wall Braced	Each	Call for Quote
Ceiling Hung Basketball Backstops	Bent Single Post Backstop Series, Rear Fold/Rear Braced	Each	Call for Quote
Ceiling Hung Basketball Backstops	Bent Single Post Backstop Series, Forward Fold/Front Braced	Each	Call for Quote
Ceiling Hung Basketball Backstops	Bent Single Post Backstop Series, Side Fold/Side Braced	Each	Call for Quote
Ceiling Hung Basketball Backstops	Single Post Backstop, Roll Fold/Rear Braced	Each	Call for Quote
Competition Breakaway Goals	4000+ MDG Breakaway Goal with Nylon Net	Each	\$ 977.51
Competition Breakaway Goals	4000 International MDG Breakaway Goal with Nylon Net	Each	\$ 977.51
Competition Breakaway Goals	Snap Back® Pro Arena Goal for 42" x 72" Glass Backboards, with Nylon Net	Each	\$ 755.03
Competition Breakaway Goals	Snap Back® Pro Arena Goal for 48" x 72" Glass Backboards, with Nylon Net	Each	\$ 755.03
Competition Breakaway Goals	Master 3000® Breakaway Goal with Nylon Net	Each	\$ 577.51
Competition Breakaway Goals	Master 3500 Breakaway Goal with Nylon Net	Each	\$ 667.46
Competition Breakaway Goals	Master 3500I FIBA International Breakaway Goal with Nylon Net	Each	\$ 667.46

**UNIT PRICE SCHEDULES**

<b>INDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Competition Breakaway Goals	Tournament Breakaway Goal with Nylon Net	Each	\$ 489.94
Competition Breakaway Goals	International Tournament Breakaway Goal with Nylon Net	Each	\$ 489.94
Competition Breakaway Goals	Collegiate Breakaway Goal with Nylon Net	Each	\$ 400.00
Competition Breakaway Goals	Scholastic Flex Breakaway Goal with Nylon Net	Each	\$ 312.43
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	42" x 72" Regulation Steel Framed Glass Backboard	Each	\$ 1,775.15
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	42" x 72" Regulation Steel Framed Glass Backboard with Perimeter LED Light System	Each	\$ 3,796.45
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	48" x 72" Tall Steel Framed Glass Backboard	Each	\$ 1,775.15
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	42" x 72" Conversion Steel Framed Glass Backboard	Each	\$ 1,775.15
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	42" x 72" Regulation Aluminum Framed Glass Backboard	Each	\$ 1,597.63
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	42" x 72" Regulation Economy Aluminum Framed Glass Backboard	Each	\$ 1,155.03
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	42" x 72" Regulation Aluminum Framed Glass Backboard with Perimeter LED Light System	Each	\$ 3,626.04
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	48" x 72" Tall Aluminum Framed Glass Backboard	Each	\$ 1,597.63
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	Buzzer Beater™ Perimeter Led Light System Kit, Includes LED Light Strips, Power Cord & Universal Converter for One Board	Each	\$ 2,220.12
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	Buzzer Beater™ Perimeter Led Light System Power Cord	Each	\$ 177.51
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	Buzzer Beater™ Perimeter Led Light Strips for One Board Only	Set	\$ 1,155.03
Competition Glass Backboards & Buzzer Beater™ Perimeter LED Lights	Universal Converter Box	Each	\$ 702.96
Easy Buy™ Four Point Fold-Up Wall Mounted Basketball Backstop Glass Packages	Fold-Up Wall Mount Pkg, 4-6' Extension, AFRG42, 2000+, PMCE	Package	\$ 6,662.72

**UNIT PRICE SCHEDULES**

<b>INDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Easy Buy™ Four Point Fold-Up Wall Mounted Basketball Backstop Glass Packages	Fold-Up Wall Mount Pkg, 6-9' Extension, AFRG42, 2000+, PMCE	Package	\$ 6,998.82
Easy Buy™ Four Point Fold-Up Wall Mounted Basketball Backstop Glass Packages	Fold-Up Wall Mount Pkg, 9-12' Extension, AFRG42, 2000+, PMCE	Package	\$ 7,337.28
Easy Buy™ Four Point Fold-Up Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Fold-Up Wall Mount Pkg, 4-6' Extension, 1245T, 1000	Package	\$ 5,313.61
Easy Buy™ Four Point Fold-Up Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Fold-Up Wall Mount Pkg, 6-9' Extension, 1245T, 1000	Package	\$ 5,649.70
Easy Buy™ Four Point Fold-Up Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Fold-Up Wall Mount Pkg, 9-12' Extension, 1245T, 1000	Package	\$ 5,988.17
Easy Buy™ Four Point Side-Fold Wall Mounted Basketball Backstop Glass Packages	Side-Fold Wall Mount Pkg, 4-6' Extension, AFRG42, 2000+, PMCE	Package	\$ 4,975.15
Easy Buy™ Four Point Side-Fold Wall Mounted Basketball Backstop Glass Packages	Side-Fold Wall Mount Pkg, 6-9' Extension, AFRG42, 2000+, PMCE	Package	\$ 5,313.61
Easy Buy™ Four Point Side-Fold Wall Mounted Basketball Backstop Glass Packages	Side-Fold Wall Mount Pkg, 9-12' Extension, AFRG42, 2000+, PMCE	Package	\$ 5,649.70
Easy Buy™ Four Point Side-Fold Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Side-Fold Wall Mount Pkg, 4-6' Extension, 1245T, 1000	Package	\$ 3,626.04
Easy Buy™ Four Point Side-Fold Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Side-Fold Wall Mount Pkg, 6-9' Extension, 1245T, 1000	Package	\$ 3,964.50
Easy Buy™ Four Point Side-Fold Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Side-Fold Wall Mount Pkg, 9-12' Extension, 1245T, 1000	Package	\$ 4,300.59
Easy Buy™ Four Point Stationary Wall Mounted Basketball Backstop Glass Packages	Four-Point Wall Mount Pkg, 2-3' Extension, AFRG42, 2000+, PMCE	Package	\$ 3,626.04
Easy Buy™ Four Point Stationary Wall Mounted Basketball Backstop Glass Packages	Four-Point Wall Mount Pkg, 3-4' Extension, AFRG42, 2000+, PMCE	Package	\$ 3,668.64
Easy Buy™ Four Point Stationary Wall Mounted Basketball Backstop Glass Packages	Four-Point Wall Mount Pkg, 4-6' Extension, AFRG42, 2000+, PMCE	Package	\$ 4,007.10
Easy Buy™ Four Point Stationary Wall Mounted Basketball Backstop Glass Packages	Four-Point Wall Mount Pkg, 6-9' Extension, AFRG42, 2000+, PMCE	Package	\$ 4,343.20

**UNIT PRICE SCHEDULES**

<b>INDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Easy Buy™ Four Point Stationary Wall Mounted Basketball Backstop Glass Packages	Four-Point Wall Mount Pkg, 9-12' Extension, AFRG42, 2000+, PMCE	Package	\$ 4,681.66
Easy Buy™ Four Point Stationary Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Four-Point Wall Mount Pkg, 2-3' Extension, 1245T, 1000	Package	\$ 2,236.69
Easy Buy™ Four Point Stationary Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Four-Point Wall Mount Pkg, 3-4' Extension, 1245T, 1000	Package	\$ 2,276.92
Easy Buy™ Four Point Stationary Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Four-Point Wall Mount Pkg, 4-6' Extension, 1245T, 1000	Package	\$ 2,615.38
Easy Buy™ Four Point Stationary Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Four-Point Wall Mount Pkg, 6-9' Extension, 1245T, 1000	Package	\$ 2,951.48
Easy Buy™ Four Point Stationary Wall Mounted Basketball Backstop Steel Fan-Shape Packages	Four-Point Wall Mount Pkg, 9-12' Extension, 1245T, 1000	Package	\$ 3,289.94
Easy Buy™ Indoor Gymnasium Basketball Packages	Buzzer Beater™ Gymnasium Package, Includes AFRG42, Led Perimeter Lights, 4000+, PMCE	Package	\$ 4,849.70
Easy Buy™ Indoor Gymnasium Basketball Packages	Master Gymnasium Package, Includes AFRG42, 3000, PMCE	Package	\$ 2,362.13
Easy Buy™ Indoor Gymnasium Basketball Packages	Budget Gymnasium Package, Includes AFRG42E, 1000, PSCE Ea	Package	\$ 2,276.92
Easy Buy™ Indoor Gymnasium Basketball Packages	Collegiate Gymnasium Package, Includes LXP4200, 2000+, PMCE	Package	\$ 2,362.13
Easy Buy™ Indoor Gymnasium Basketball Packages	Scholastic Gymnasium Package, Includes RG, 2000+, PMCE	Package	\$ 2,362.13
Easy Buy™ Indoor Gymnasium Basketball Packages	Conversion Gymnasium Package, Includes 3050RG, 1000, PSCE	Package	\$ 1,730.18
Goals/Nets	Material – GBA-642 Collegiate “Revolution” Goal with Hideaway Net for 42” Backboard	Each	\$491.86
Goals/Nets	Material – GBA-648 Collegiate “Revolution” Goal with Hideaway Net for 48” Backboard	Each	\$491.86
Goals/Nets	Material – GBA-542 Collegiate “Shot” Goal with Pigtail Net for 42” Backboard*	Each	\$470.50
Goals/Nets	Material – GBA-548 Collegiate “Shot” Goal with Pigtail Net for 48” Backboard	Each	\$470.50
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Royal Blue	Each	\$ 236.69

**UNIT PRICE SCHEDULES**

<b>INDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Black	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Red	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Navy Blue	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Grey	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Forest Green	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Kelly Green	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Purple	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Maroon	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Gold	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Burgundy	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Yellow	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Columbia Blue	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Brown	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Awareness Pink™	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Pro-Mold® Backboard Padding, Orange	Each	\$ 236.69
Indoor & Recreational Backboard Padding	Peel and Stick Backboard Padding, Grey	Pair	\$ 444.97
Indoor & Recreational Backboard Padding	Glue-On Backboard Padding, Grey	Pair	\$ 347.93

**UNIT PRICE SCHEDULES**

<b>INDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Indoor & Recreational Backboard Padding	Narrow Channel Backboard Padding, Grey	Pair	\$ 347.93
Indoor & Recreational Backboard Padding	48" Recreational Pro-Mold® Backboard Padding	Each	\$ 222.49
Indoor & Recreational Backboard Padding	54" Recreational Pro-Mold® Backboard Padding	Each	\$ 267.46
Indoor & Recreational Backboard Padding	60" Recreational Pro-Mold® Backboard Padding	Each	\$ 312.43
Indoor & Recreational Backboard Padding	72" Recreational Pro-Mold® Backboard Padding	Each	\$ 355.03
Interior BBall Accessories	Material –JNY-6HP Replacement “Anti-Whip” Nylon Net	Each	\$38.37
Interior BBall Accessories	Material – MBBP-6 “Safe-Pro” Bolt on Edge Pad*	Each	\$341.93
Interior BBall Accessories	Material – TW2000 Backstop Winch*	Each	\$2,149.86
Interior BBall Accessories	Material – TW800M Backstop Manual Winch	Each	\$1,356.41
Interior BBall Accessories	Material – ED-901 Manual Winch Operator	Each	\$1,661.59
Interior BBall Accessories	Material – PL-1000 Safety Strap*	Each	\$1,111.21
Interior BBall Accessories	Material – SBAL-30 LynRus Aut-O-Loc Backstop Safety Strap	Each	\$1,075.78
Interior BBall Accessories	Material – AHA Manual Aluminum Height Adjuster	Each	\$2,838.21
Interior BBall Accessories	Material – EHAKS Electric Aluminum Height Adjuster with Key Switch Control	Each	\$5,235.84
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for 6-5/8" Diameter Single Post	Each	\$ 1,510.06
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for 6-5/8" Diameter Single Post for Rectangular Backboard with 63" x 36" Mounting (Includes 1131 & Kits 1408 & 4404)	Kit	\$ 1,910.06
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for 6-5/8" Diameter Single Post for Fan-Shape Backboard with 35" x 20" Mounting (Includes 1131 & Kits 1408 & 4405)	Kit	\$ 1,820.12

**UNIT PRICE SCHEDULES**

<b>INDOOR BASKETBALL</b>			
<b>Product Description</b>	<b>UOM</b>	<b>Price</b>	
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for Rectangular Backboard with 63" x 36" Mounting (Includes 1131, Kit 4404 & Custom Kit To Mount Adjust-A-Goal™ Height Adjuster To Backstop)	Kit	\$ 1,865.09
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for Fan-Shape Backboard with 35" x 20" Mounting (Includes 1131, Kit 4405 & Custom Kit To Mount Adjust-A-Goal™ Height Adjuster To Backstop)	Kit	\$ -
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for Non-Single Post	Each	\$ 1,687.57
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for 3-1/2' Diameter Dual Post Backstop for Rectangular Backboard with 63" x 36" Mounting (Includes 1131 & Kits 3513 & 4404)	Kit	\$ 2,087.57
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for 3-1/2" Diameter Dual Post Backstop for Backboard with 35" x 20" Mounting (Includes 1131 & Kits 3512 & 4405)	Kit	\$ 1,997.63
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for 2-3/8' Diameter Dual Post Backstop for Rectangular Backboard with 63" x 36" Mounting (Includes 1131 & Kits 3511 & 4404)	Kit	\$ 2,042.60
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for 2-3/8' Diameter Dual Post Backstop for Backboard with 35" x 20" Mounting (Includes 1131 & Kits 3510 & 4405)	Kit	\$ 1,952.66
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for Wall Mounted Backstop for Rectangular Backboard with 63" x 36" Mounting (Includes 1131 & Kits 5741 & 4404)	Kit	\$ 2,265.09
Manual Adjust-a-Goal™ Height Adjusters	Manual Adjust-A-Goal™ Height Adjuster for Wall Mounted Backstop for Backboard with 35" x 20" Mounting (Includes 1131 & Kits 5742 & 4405)	Kit	\$ 2,175.15
Manual Adjust-a-Goal™ Height Adjusters	Standard Dual Post Backstop for Rectangular Backboard with 63" x 36" Mounting (Includes 1131, Kit 4404 & Custom Kit To Mount Adjust-A-Goal™ Height Adjuster To Backstop)	Kit	Call For Quote
Manual Adjust-a-Goal™ Height Adjusters	Standard Dual Post Backstop for Backboard with 35" x 20" Mounting (Includes 1131, Kit 4405 & Custom Kit To Mount Adjust-A-Goal™ Height Adjuster To Backstop)	Kit	Call For Quote
Manual Adjust-a-Goal™ Height Adjusters	Crank Handle for Adjust-A-Goal™ Height Adjuster	Each	Call for Quote
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Rectangular Backboard 63" x 36" To Adjust-A-Goal™ Height Adjuster	Kit	\$ 267.46
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Fan Backboard 35" x 20" To Adjust-A-Goal™ Height Adjuster	Kit	\$ 222.49

**UNIT PRICE SCHEDULES**

<b>INDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Adjust-A-Goal™ Height Adjuster To 6-5/8" Diameter Single Post	Kit	\$ 177.51
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Adjust-A-Goal™ Height Adjuster To Wall Mount with 63" Centers	Kit	\$ 444.97
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Adjust-A-Goal™ Height Adjuster To Wall Mount with 35" Centers	Kit	\$ 355.03
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Adjust-A-Goal™ Height Adjuster To 2.38" Od Dual Post with 35" Centers	Kit	Call For Quote
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Adjust-A-Goal™ Height Adjuster To 2.38" Od Dual Post with 63" Centers	Kit	Call For Quote
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Adjust-A-Goal™ Height Adjuster To 3.5" Od Dual Post with 35" Centers	Kit	Call For Quote
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Adjust-A-Goal™ Height Adjuster To 3.5" Od Dual Post with 63" Centers	Kit	Call For Quote
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Adjust-A-Goal™ Height Adjuster To 2-3/8" Diameter Dual Post	Kit	\$ 267.46
Manual Adjust-a-Goal™ Height Adjusters	Mounting Kit for Adjust-A-Goal™ Height Adjuster To 3-1/2" Diameter Dual Post	Kit	\$ 312.43
Travelling Backstops with Accessories	SPACE JAM™ Traveling Tournament Basketball System, Single Post	Each	Call for Quote
Travelling Backstops with Accessories	SPACE JAM™ Traveling Tournament Basketball System, Dual Post	Each	Call for Quote
Travelling Backstops with Accessories	SPACE JAM™ Traveling Tournament Basketball System Kickstand Install Tool	Each	Call for Quote
Travelling Backstops with Accessories	SPACE JAM™ Traveling Tournament Basketball System Replacement Base	Each	Call for Quote
Travelling Backstops with Accessories	SPACE JAM™ Traveling Tournament Basketball System Electric Winch	Each	Call for Quote



## UNIT PRICE SCHEDULES

<b>BADMINTON</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Indoor Badminton Equipment	One-Court Sleeve-Type Badminton System	Each	\$ 1,200.00
Indoor Badminton Equipment	Sleeve-Type Badminton Upright	Each	\$ 347.93
Indoor Badminton Equipment	Sleeve-Type Badminton Center Upright	Each	\$ 400.00
Indoor Badminton Equipment	21' X 2' 6" Badminton Net	Each	\$ 177.51
Indoor Badminton Equipment	One-Court Portable Badminton System	Each	\$ 1,952.66
Indoor Badminton Equipment	Portable Badminton Upright and Base	Each	\$ 932.54
Indoor Badminton Equipment	Portable Badminton Center Upright	Each	\$ 977.51
Indoor Badminton Equipment	Badminton Sleeve, 1-1/4" Square	Each	\$ 177.51
Indoor Badminton Equipment	One-Court Heavy Duty Square Portable Badminton System	Each	\$ 3,365.68
Indoor Badminton Equipment	One-Court Heavy Duty Round Portable Badminton System	Each	\$ 3,365.68
Badminton	Material – BSO-2U Badminton System*	Each	\$1,235.12
Badminton	Material – BND-1 Badminton Net*	Each	\$97.07
Badminton	Material – BSO-2G Brass Floor Sleeve/Cover for Badminton	Each	\$794.20
Badminton	Material – BSO-2G-CP Chrome Floor Sleeve/Cover for Badminton	Each	\$794.20

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	KIT, 800/900MHZ, MYE WIRELESS RCVR, 8-Series TRx/TC/G, GD3	Each	\$658.33
Fitness Equipment	KIT, 800/900MHZ, MYE WIRELESS RCVR, 8-Series TR/BIKES/CT/FC, GD3	Each	\$658.33
Fitness Equipment	Barbell rack	Each	\$966.67
Fitness Equipment	Kettle bell rack	Each	\$372.00
Fitness Equipment	Cast steel 10lbs kettle bell	Each	\$24.22
Fitness Equipment	Cast steel 15lbs kettle bell	Each	\$36.42
Fitness Equipment	Cast steel 20lbs kettle bell	Each	\$48.43
Fitness Equipment	Cast steel 25lbs kettle bell	Each	\$60.55
Fitness Equipment	Cast steel 30lbs kettle bell	Each	\$72.65
Fitness Equipment	Cast steel 35lbs kettle bell	Each	\$84.77
Fitness Equipment	Cast steel 40lbs kettle bell	Each	\$96.88
Fitness Equipment	Cast steel 45lbs kettle bell	Each	\$108.93
Fitness Equipment	Cast steel 50lbs kettle bell	Each	\$121.10
Fitness Equipment	Cast steel 55lbs kettle bell	Each	\$133.23
Fitness Equipment	Cast steel 60lbs kettle bell	Each	\$145.33
Fitness Equipment	Cast steel 65lbs kettle bell	Each	\$158.35
Fitness Equipment	Cast steel 70lbs kettle bell	Each	\$169.55
Fitness Equipment	Cast steel 75lbs kettle bell	Each	\$181.67
Fitness Equipment	AGILITY LADDER - BLACK/YELLOW, 30'	Each	\$58.67
Fitness Equipment	BAR CLAMP, SPRING STYLE, 90 DEG BEND HANDLES w/ LOGO	Each	\$13.33
Fitness Equipment	BAR CLAMP, SPRING STYLE, STRAIGHT HANDLES w/ LOGO	Each	\$10.67
Fitness Equipment	BATTLE ROPE, 1.5" DIA, 30' LENGTH	Each	\$152.00
Fitness Equipment	BATTLE ROPE, 1.5" DIA, 40' LENGTH	Each	\$184.00
Fitness Equipment	BATTLE ROPE, 1.5" DIA, 50' LENGTH	Each	\$216.00
Fitness Equipment	BATTLE ROPE, 2" DIA, 30' LENGTH	Each	\$216.00
Fitness Equipment	BATTLE ROPE, 2" DIA, 40' LENGTH	Each	\$306.67
Fitness Equipment	BATTLE ROPE, 2" DIA, 50' LENGTH	Each	\$397.33
Fitness Equipment	DUMBBELL - 2.5LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$18.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	DUMBELL - 5LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$26.67
Fitness Equipment	DUMBELL - 10LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$50.67
Fitness Equipment	DUMBELL - 12.5LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$77.33
Fitness Equipment	DUMBELL - 15LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$74.67
Fitness Equipment	DUMBELL - 20LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$101.33
Fitness Equipment	DUMBELL - 25LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$125.33
Fitness Equipment	DUMBELL - 30LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$149.33
Fitness Equipment	DUMBELL - 35LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$176.00
Fitness Equipment	DUMBELL - 40LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$200.00
Fitness Equipment	DUMBELL - 45LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$224.00
Fitness Equipment	DUMBELL - 50LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$250.67
Fitness Equipment	DUMBELL - 55LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$274.67
Fitness Equipment	DUMBELL - 60LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$298.67
Fitness Equipment	DUMBELL - 65LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$325.33
Fitness Equipment	DUMBELL - 70LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$349.33
Fitness Equipment	DUMBELL - 75LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$373.33
Fitness Equipment	DUMBELL - 80LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$400.00
Fitness Equipment	DUMBELL - 85LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$426.67
Fitness Equipment	DUMBELL - 90LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$450.67
Fitness Equipment	DUMBELL - 95LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$474.67
Fitness Equipment	DUMBELL - 100LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$501.33
Fitness Equipment	DUMBELL - 105LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$525.33
Fitness Equipment	DUMBELL - 110LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$549.33
Fitness Equipment	DUMBELL - 115LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$573.33
Fitness Equipment	DUMBELL - 120LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$600.00
Fitness Equipment	DUMBELL - 125LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$624.00
Fitness Equipment	DUMBELL - 130LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$650.67
Fitness Equipment	DUMBELL - 140LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$701.33

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	DUMBELL - 150LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$752.00
Fitness Equipment	DUMBELL SET - 5-100LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$5,306.67
Fitness Equipment	DUMBELL SET - 5-50LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$1,373.33
Fitness Equipment	DUMBELL SET - 55-75LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$1,624.00
Fitness Equipment	DUMBELL SET - 80-100LB, RUBBER HEX w/ CHROME ERGO HANDLE	Each	\$2,248.00
Fitness Equipment	FOAM ROLLER - 12" LENGTH, BLACK, EXTRA FIRM	Each	\$24.00
Fitness Equipment	FOAM ROLLER - 12" LENGTH, BLUE, EXTRA FIRM	Each	\$24.00
Fitness Equipment	FOAM ROLLER - 36" LENGTH, BLACK, EXTRA FIRM	Each	\$42.67
Fitness Equipment	FOAM ROLLER - 36" LENGTH, BLUE, EXTRA FIRM	Each	\$42.67
Fitness Equipment	GYM RING - PLASTIC HANDLE	Each	\$64.00
Fitness Equipment	GYM RING - WOOD HANDLE	Each	\$152.00
Fitness Equipment	HANGING CLUB MAT - 72" x 24" x 5/8" w/CARRY STRAP	Each	\$58.67
Fitness Equipment	KETTLEBELL - 9LB, COLOR CODED	Each	\$26.67
Fitness Equipment	KETTLEBELL - 13LB, COLOR CODED	Each	\$40.00
Fitness Equipment	KETTLEBELL - 18LB, COLOR CODED	Each	\$50.67
Fitness Equipment	KETTLEBELL - 26LB, COLOR CODED	Each	\$74.67
Fitness Equipment	KETTLEBELL - 35LB, COLOR CODED	Each	\$85.33
Fitness Equipment	KETTLEBELL - 44LB, COLOR CODED	Each	\$125.33
Fitness Equipment	KETTLEBELL - 53LB, COLOR CODED	Each	\$149.33
Fitness Equipment	KETTLEBELL - 62LB, COLOR CODED	Each	\$176.00
Fitness Equipment	KETTLEBELL - 70LB, COLOR CODED	Each	\$200.00
Fitness Equipment	KETTLEBELL - 80LB, COLOR CODED	Each	\$232.00
Fitness Equipment	KETTLEBELL - 88LB, COLOR CODED	Each	\$256.00
Fitness Equipment	KETTLEBELL - 97LB, COLOR CODED	Each	\$280.00
Fitness Equipment	KETTLEBELL - 106LB, COLOR CODED	Each	\$304.00
Fitness Equipment	LACROSSE BALL - BLACK w/ LOGO	Each	\$8.00
Fitness Equipment	MEDICINE BALL - 6LB, 230MM DIA, BLACK/GRAY w/ BLACK LOGO	Each	\$40.00
Fitness Equipment	MEDICINE BALL - 8LB, 230MM DIA, BLACK/GRAY w/ BLACK LOGO	Each	\$48.00
Fitness Equipment	MEDICINE BALL - 10LB, 239MM DIA, BLACK/GRAY w/ BLACK LOGO	Each	\$58.67
Fitness Equipment	MEDICINE BALL - 12LB, 286MM DIA, BLACK/GRAY w/ BLACK LOGO	Each	\$66.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	MEDICINE BALL - 14LB, 286MM DIA, BLACK/GRAY w/ BLACK LOGO	Each	\$77.33
Fitness Equipment	MEDICINE BALL - 16LB, 286MM DIA, BLACK/GRAY w/ BLACK LOGO	Each	\$82.67
Fitness Equipment	MEDICINE BALL - 18LB, 286MM DIA, BLACK/GRAY w/ BLACK LOGO	Each	\$90.67
Fitness Equipment	MEDICINE BALL - 20LB, 286MM DIA, BLACK/GRAY w/ BLACK LOGO	Each	\$106.67
Fitness Equipment	MEDICINE BALL - 25LB, 286MM DIA, BLACK/GRAY w/ BLACK LOGO	Each	\$162.67
Fitness Equipment	MEDICINE BALL - 30LB, 286MM DIA, BLACK/GRAY w/ BLACK LOGO	Each	\$232.00
Fitness Equipment	PHYSIO BALL - 55CM, ANTI-BURST, BLACK w/ WHITE LOGO	Each	\$29.33
Fitness Equipment	PHYSIO BALL - 65CM, ANTI-BURST, BLACK w/ WHITE LOGO	Each	\$34.67
Fitness Equipment	PHYSIO BALL - 75CM, ANTI-BURST, BLACK w/ WHITE LOGO	Each	\$40.00
Fitness Equipment	RESISTANCE BAND - XX-LIGHT, RED, 41" LONG, 3/8" THICK, 1/2" WIDE	Each	\$13.33
Fitness Equipment	RESISTANCE BAND - X-LIGHT, BLACK, 41" LONG, 3/8" THICK, 13/16" WIDE	Each	\$21.33
Fitness Equipment	RESISTANCE BAND - LIGHT, PURPLE, 41" LONG, 3/8" THICK, 1-1/8" WIDE	Each	\$34.67
Fitness Equipment	RESISTANCE BAND - MEDIUM, GREEN, 41" LONG, 3/8" THICK, 1-3/4" WIDE	Each	\$45.33
Fitness Equipment	RESISTANCE BAND - HEAVY, BLUE, 41" LONG, 3/8" THICK, 2-1/2" WIDE	Each	\$64.00
Fitness Equipment	RESISTANCE BAND - X-HEAVY, ORANGE, 41" LONG, 3/8" THICK, 3-1/4" WIDE	Each	\$85.33
Fitness Equipment	RESISTANCE BAND - XX-HEAVY, GRAY, 41" LONG, 3/8" THICK, 4" WIDE	Each	\$120.00
Fitness Equipment	SLAM BALL - 10LB, 14" DIA	Each	\$34.67
Fitness Equipment	SLAM BALL - 15LB, 14" DIA	Each	\$40.00
Fitness Equipment	SLAM BALL - 20LB, 14" DIA	Each	\$53.33
Fitness Equipment	SLAM BALL - 25LB, 14" DIA	Each	\$66.67
Fitness Equipment	SLAM BALL - 30LB, 14" DIA	Each	\$80.00
Fitness Equipment	SLAM BALL - 35LB, 14" DIA	Each	\$93.33
Fitness Equipment	SLAM BALL - 40LB, 14" DIA	Each	\$106.67
Fitness Equipment	SLAM BALL - 45LB, 14" DIA	Each	\$120.00
Fitness Equipment	SLAM BALL - 50LB, 14" DIA	Each	\$133.33
Fitness Equipment	WALL BALL - 6LB, 35CM, BLACK w/ WHITE PRINT	Each	\$77.33
Fitness Equipment	WALL BALL - 8LB, 35CM, BLACK w/ WHITE PRINT	Each	\$80.00
Fitness Equipment	WALL BALL - 10LB, 35CM, BLACK w/ WHITE PRINT	Each	\$85.33
Fitness Equipment	WALL BALL - 12LB, 35CM, BLACK w/ WHITE PRINT	Each	\$90.67
Fitness Equipment	WALL BALL - 14LB, 35CM, BLACK w/ WHITE PRINT	Each	\$96.00
Fitness Equipment	WALL BALL - 16LB, 35CM, BLACK w/ WHITE PRINT	Each	\$104.00
Fitness Equipment	WALL BALL - 18LB, 35CM, BLACK w/ WHITE PRINT	Each	\$112.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	WALL BALL - 20LB, 35CM, BLACK w/ WHITE PRINT	Each	\$120.00
Fitness Equipment	WALL BALL - 25LB, 35CM, BLACK w/ WHITE PRINT	Each	\$125.33
Fitness Equipment	WALL BALL - 30LB, 35CM, BLACK w/ WHITE PRINT	Each	\$138.67
Fitness Equipment	ACCELL BENCH - ADJUSTABLE 0-85 DEG INCLINE LADDER, 10" PAD w/ WHEELS	Each	\$1,064.00
Fitness Equipment	ACCELL BENCH - ADJUSTABLE 0-85 DEG INCLINE LADDER, 14" PAD w/ WHEELS	Each	\$1,154.67
Fitness Equipment	ACCELL BENCH - ADJUSTABLE 0-85 DEG INCLINE LADDER, 10" PAD, LOCK-IN w/ WHEELS	Each	\$1,277.33
Fitness Equipment	ACCELL BENCH - ADJUSTABLE 0-85 DEG INCLINE LADDER, 10" PAD, LOCK-IN, SPOTTER PLATFORMS w/ WHEELS	Each	\$1,136.00
Fitness Equipment	ACCELL BENCH - ADJUSTABLE 0-85 DEG INCLINE LADDER, 10" PAD, LOCK-IN, STAND UP w/ WHEELS	Each	\$1,341.33
Fitness Equipment	ACCELL BENCH - ADJUSTABLE 0-85 DEG INCLINE LADDER, 10" PAD, STAND UP w/ WHEELS	Each	\$1,122.67
Fitness Equipment	EDGE BENCH - ADJUSTABLE 0-85 DEG INCLINE POP PIN, 10" PAD w/ WHEELS	Each	\$1,360.00
Fitness Equipment	EDGE BENCH - ADJUSTABLE 0-85 DEG INCLINE POP PIN, 10" PAD, LOCK-IN w/ WHEELS	Each	\$1,629.33
Fitness Equipment	EDGE BENCH - ADJUSTABLE 0-85 DEG INCLINE POP PIN, 10" PAD, LOCK-IN, STAND UP w/ WHEELS	Each	\$1,640.00
Fitness Equipment	EDGE BENCH - ADJUSTABLE 0-85 DEG INCLINE POP PIN, 10" PAD, STAND UP w/ WHEELS	Each	\$1,520.00
Fitness Equipment	EDGE BENCH - DECLINE/SIT UP -10 TO -30 DEG w/ WHEELS	Each	\$1,357.33
Fitness Equipment	EDGE BENCH - ADJUSTABLE FLAT/INCLINE/DECLINE -15° TO +85° w/ WHEELS	Each	\$1,597.33
Fitness Equipment	ULTRA PRO BENCH - ADJUSTABLE 0-85 DEG INCLINE LADDER, 10" PAD, STAND UP w/ WHEELS	Each	\$1,762.67
Fitness Equipment	ULTRA PRO BENCH - ADJUSTABLE 0-85 DEG INCLINE LADDER, 12" PAD, STAND UP w/ WHEELS	Each	\$2,216.00
Fitness Equipment	ULTRA PRO BENCH - ADJUSTABLE 0-85 DEG INCLINE LADDER, 12" PAD, STAND UP, LOCK-IN, SPOTTER PLATFORMS w/ WHEELS	Each	\$2,688.00
Fitness Equipment	AirFit	Each	\$2,795.00
Fitness Equipment	Aura- Arm Curl	Each	\$4,333.33
Fitness Equipment	Aura- Seated Dip	Each	\$4,666.67
Fitness Equipment	Aura- Triceps Extension	Each	\$4,583.33
Fitness Equipment	Aura- Dip/Chin Assist	Each	\$5,000.00
Fitness Equipment	Ultra- Independent Biceps Curl	Each	\$5,416.67
Fitness Equipment	Ultra- Triceps Press	Each	\$5,750.00
Fitness Equipment	Versa- Bicep Curl*	Each	\$3,416.67
Fitness Equipment	Versa- Triceps Press	Each	\$3,416.67
Fitness Equipment	Aura- Lat Pull	Each	\$4,041.67
Fitness Equipment	Aura- Diverging Lat Pull	Each	\$4,375.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Aura- Seated Row	Each	\$4,666.67
Fitness Equipment	Aura- Diverging Seated Row	Each	\$5,000.00
Fitness Equipment	Ultra- Diverging Lat Pull Down	Each	\$5,708.33
Fitness Equipment	Ultra- Diverging Seated Row	Each	\$5,833.33
Fitness Equipment	Versa- Diverging Lat Pulldown	Each	\$4,166.67
Fitness Equipment	Versa- Diverging Seated Row	Each	\$3,916.67
Fitness Equipment	ACCELL BAR STORAGE - 5-BARS, 36" FLOOR X-BAR	Each	\$232.00
Fitness Equipment	ACCELL BAR STORAGE - 9-BARS, 18"x18" FLOOR BOX	Each	\$242.67
Fitness Equipment	ACCELL BAR STORAGE - 10-BARS, WALL MOUNTED RACK	Each	\$333.33
Fitness Equipment	ACCELL BAR STORAGE - 10-BARS, WALL MOUNTED RACK w/ LASER-CUT LOGO	Each	\$733.33
Fitness Equipment	ACCELL ROLLING BUMPER POST - 36" POST HEIGHT w/ WHEELS	Each	\$493.33
Fitness Equipment	EDGE HORIZONTAL ROLLING BUMPER STORAGE - 43" RACK WIDTH w/ WHEELS	Each	\$440.00
Fitness Equipment	EDGE VERTICAL BUMPER TREE - 5 PLATE PEGS w/2-BAR CUPS	Each	\$562.67
Fitness Equipment	2.5 lb Premium Grade Marchined Gray Cast Iron Olympic Grip Plate (Does Not Have Grips)	Each	\$6.67
Fitness Equipment	5 lb Premium Grade Marchined Gray Cast Iron Olympic Grip Plate (Does Not Have Grips)	Each	\$13.33
Fitness Equipment	10 lb Premium Grade Marchined Gray Cast Iron Olympic Grip Plate (Does Not Have Grips)	Each	\$25.00
Fitness Equipment	25 lb Premium Grade Marchined Gray Cast Iron Olympic Grip Plate	Each	\$63.33
Fitness Equipment	35 lb Premium Grade Marchined Gray Cast Iron Olympic Grip Plate	Each	\$88.33
Fitness Equipment	45 lb Premium Grade Marchined Gray Cast Iron Olympic Grip Plate	Each	\$113.33
Fitness Equipment	2.5 lb Olympic Rubber Encased Plate (Does Not Have Grips)	Each	\$13.33
Fitness Equipment	5 lb Olympic Rubber Encased Plate (Does Not Have Grips)	Each	\$23.33
Fitness Equipment	10 lb Olympic Rubber Encased Grip Plate	Each	\$48.33
Fitness Equipment	25 lb Olympic Rubber Encased Grip Plate	Each	\$120.00
Fitness Equipment	35 lb Olympic Rubber Encased Grip Plate	Each	\$168.33
Fitness Equipment	45 lb Olympic Rubber Encased Grip Plate	Each	\$216.67
Fitness Equipment	10 lbs Olympic 2" Black Solid Bumper Plate With Steel Insert	Each	\$56.67
Fitness Equipment	25 lbs Olympic 2" Black Solid Bumper Plate With Steel Insert	Each	\$80.00
Fitness Equipment	35 lbs Olympic 2" Black Solid Bumper Plate With Steel Insert	Each	\$113.33
Fitness Equipment	45 lbs Olympic 2" Black Solid Bumper Plate With Steel Insert	Each	\$146.67
Fitness Equipment	25lb Troy Competition Grade Green Solid Rubber Bumper	Each	\$220.00
Fitness Equipment	35lb Troy Competition Grade Yellow Solid Rubber Bumper	Each	\$265.00
Fitness Equipment	45lb Troy Competition Grade Blue Rubber Bumper	Each	\$323.33

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	55lb Troy Competition Grade Red Rubber Bumper	Each	\$366.67
Fitness Equipment	Dual grip Urethane Plate with white lettering-2.5lbs	Each	\$153.33
Fitness Equipment	Dual grip Urethane Plate with white lettering-5lbs	Each	\$158.33
Fitness Equipment	Dual grip Urethane Plate with white lettering-10lbs	Each	\$168.33
Fitness Equipment	Dual grip Urethane Plate with white lettering-25lbs	Each	\$198.33
Fitness Equipment	Dual grip Urethane Plate with white lettering-35lbs	Each	\$220.00
Fitness Equipment	Dual grip Urethane Plate with white lettering-45lbs	Each	\$240.00
Fitness Equipment	2.5 lb Premium Grade Urethane "Inter-Locking" Plate (Does Not Have Grips)	Each	\$25.00
Fitness Equipment	5 lb Premium Grade Urethane "Inter-Locking" Plate (Does Not Have Grips)	Each	\$33.33
Fitness Equipment	10 lb Premium Grade Urethane "Inter-Locking" Plate (Does Not Have Grips)	Each	\$53.33
Fitness Equipment	25 lb Premium Grade Rubber Grip "Inter-Locking" Plate	Each	\$53.33
Fitness Equipment	35 lb Premium Grade Rubber Grip "Inter-Locking" Plate	Each	\$75.00
Fitness Equipment	45 lb Premium Grade Rubber Grip "Inter-Locking" Plate	Each	\$96.67
Fitness Equipment	25 lbs Premium Grade "Inter-Locking" Custom Engraved Urethane Encased Grip Plate	Each	\$213.33
Fitness Equipment	35 lbs Premium Grade "Inter-Locking" Custom Engraved Urethane Encased Grip Plate	Each	\$238.33
Fitness Equipment	45 lbs Premium Grade "Inter-Locking" Custom Engraved Urethane Encased Grip Plate	Each	\$263.33
Fitness Equipment	12-Sided Solid Rubber Straight Barbell Set 20-110 lbs (10 lb Increments)	Each	\$3,116.67
Fitness Equipment	12-Sided Urethane E-Z Curl Barbell Set 20-110 lbs (10 lb Increments)	Each	\$4,931.67
Fitness Equipment	12-Sided Urethane Straight Logo Barbell Set 20-110 lbs (10 lb Increments)	Each	\$3,281.67
Fitness Equipment	Urethane T-Clog Logo Straight Barbell Set 20-110 lb (10 lb Increments)	Each	\$5,115.00
Fitness Equipment	12-Sided Urethane E-Z Curl Logo Barbell Set 20-110 lbs (10 lb Increments)	Each	\$3,281.67
Fitness Equipment	Urethane T-Clog Rouno logo E-Z Curl Barbell Set 20-110 lbs (10 lb Increments)	Each	\$3,196.67
Fitness Equipment	3 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$8.33
Fitness Equipment	5 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$13.33
Fitness Equipment	8 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$20.00
Fitness Equipment	10 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$25.00
Fitness Equipment	12 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$30.00
Fitness Equipment	15 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$33.33
Fitness Equipment	20 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$51.67
Fitness Equipment	25 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$61.67



## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	30 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$75.00
Fitness Equipment	35 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$88.33
Fitness Equipment	40 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$100.00
Fitness Equipment	45 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$113.33
Fitness Equipment	50 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$125.00
Fitness Equipment	55 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$136.67
Fitness Equipment	60 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$150.00
Fitness Equipment	65 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$163.33
Fitness Equipment	70 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$176.67
Fitness Equipment	75 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$186.67
Fitness Equipment	80 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$200.00
Fitness Equipment	85 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$213.33
Fitness Equipment	90 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$225.00
Fitness Equipment	95 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$2,405.00
Fitness Equipment	100 lb 12-Sided Gray Cast Iron Dumbbell	Each	\$250.00
Fitness Equipment	12-Sided Gray Cast Iron Dumbbell 55-100lbs (5lb Increments)	Each	\$3,865.00
Fitness Equipment	12-Sided Rubber Encased Dumbbell 5-50 lbs Set (5 lb Increments)	Each	\$2,061.67
Fitness Equipment	12-Sided Rubber Encased Dumbbell 55-100 lbs Set (5 lb Increments)	Each	\$5,811.67
Fitness Equipment	105 lb 12-Sided Rubber Encased Dumbbell	Each	\$391.67
Fitness Equipment	110 lb 12-Sided Rubber Encased Dumbbell	Each	\$411.67
Fitness Equipment	115 lb 12-Sided Rubber Encased Dumbbell	Each	\$431.67
Fitness Equipment	120 lb 12-Sided Rubber Encased Dumbbell	Each	\$450.00
Fitness Equipment	XD-U 5-50lbs Set, 5 lbs Increments	Each	\$3,043.33
Fitness Equipment	XD-U 55-100 lbs Set, 5 lbs Increments	Each	\$3,401.67
Fitness Equipment	XD-U 105LB-125 lbs Set, 5 lbs Increments	Each	\$4,513.33
Fitness Equipment	5 lb 12-Sided Urethane Encased Dumbbell	Each	\$171.67
Fitness Equipment	7.5 lb 12-Sided Urethane Encased Dumbbell	Each	\$171.67
Fitness Equipment	10 lb 12-Sided Urethane Encased Dumbbell	Each	\$183.33

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	12.5 lb 12-Sided Urethane Encased Dumbbell	Each	\$183.33
Fitness Equipment	15 lb 12-Sided Urethane Encased Dumbbell	Each	\$200.00
Fitness Equipment	17.5 lb 12-Sided Urethane Encased Dumbbell	Each	\$200.00
Fitness Equipment	20 lb 12-Sided Urethane Encased Dumbbell	Each	\$225.00
Fitness Equipment	22.5 lb 12-Sided Urethane Encased Dumbbell	Each	\$225.00
Fitness Equipment	25 lb 12-Sided Urethane Encased Dumbbell	Each	\$255.00
Fitness Equipment	27.5 lb 12-Sided Urethane Encased Dumbbell	Each	\$255.00
Fitness Equipment	30 lb 12-Sided Urethane Encased Dumbbell	Each	\$291.67
Fitness Equipment	32.5 lb 12-Sided Urethane Encased Dumbbell	Each	\$291.67
Fitness Equipment	35 lb 12-Sided Urethane Encased Dumbbell	Each	\$295.00
Fitness Equipment	37.5 lb 12-Sided Urethane Encased Dumbbell	Each	\$295.00
Fitness Equipment	40 lb 12-Sided Urethane Encased Dumbbell	Each	\$313.33
Fitness Equipment	42.5 lb 12-Sided Urethane Encased Dumbbell	Each	\$313.33
Fitness Equipment	45 lb 12-Sided Urethane Encased Dumbbell	Each	\$330.00
Fitness Equipment	47.5 lb 12-Sided Urethane Encased Dumbbell	Each	\$330.00
Fitness Equipment	50 lb 12-Sided Urethane Encased Dumbbell	Each	\$345.00
Fitness Equipment	52.5 lb 12-Sided Urethane Encased Dumbbell	Each	\$345.00
Fitness Equipment	55 lb 12-Sided Urethane Encased Dumbbell	Each	\$370.00
Fitness Equipment	60 lb 12-Sided Urethane Encased Dumbbell	Each	\$396.67
Fitness Equipment	65 lb 12-Sided Urethane Encased Dumbbell	Each	\$428.33
Fitness Equipment	70 lb 12-Sided Urethane Encased Dumbbell	Each	\$461.67
Fitness Equipment	75 lb 12-Sided Urethane Encased Dumbbell	Each	\$488.33
Fitness Equipment	80 lb 12-Sided Urethane Encased Dumbbell	Each	\$513.33
Fitness Equipment	85 lb 12-Sided Urethane Encased Dumbbell	Each	\$566.67
Fitness Equipment	90 lb 12-Sided Urethane Encased Dumbbell	Each	\$593.33
Fitness Equipment	95 lb 12-Sided Urethane Encased Dumbbell	Each	\$621.67
Fitness Equipment	100 lb 12-Sided Urethane Encased Dumbbell	Each	\$673.33
Fitness Equipment	105 lb 12-Sided Urethane Encased Dumbbell	Each	\$708.33

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	110 lb 12-Sided Urethane Encased Dumbbell	Each	\$733.33
Fitness Equipment	115 lb 12-Sided Urethane Encased Dumbbell	Each	\$745.00
Fitness Equipment	120 lb 12-Sided Urethane Encased Dumbbell	Each	\$798.33
Fitness Equipment	125 lb 12-Sided Urethane Encased Dumbbell	Each	\$806.67
Fitness Equipment	130 lb 12-Sided Urethane Encased Dumbbell	Each	\$806.67
Fitness Equipment	135 lb 12-Sided Urethane Encased Dumbbell	Each	\$845.00
Fitness Equipment	140 lb 12-Sided Urethane Encased Dumbbell	Each	\$898.33
Fitness Equipment	145 lb 12-Sided Urethane Encased Dumbbell	Each	\$938.33
Fitness Equipment	150 lb 12-Sided Urethane Encased Dumbbell	Each	\$951.67
Fitness Equipment	12-Sided Urethane Encased Dumbbell 5-50 lb Set (5 lb Increments)	Each	\$5,213.33
Fitness Equipment	12-Sided Urethane Encased Dumbbell 55-75 lb Set (5 lb Increments)	Each	\$4,966.67
Fitness Equipment	12-Sided Urethane Encased Dumbbell 80-100 lb Set (5 lb Increments)	Each	\$5,290.00
Fitness Equipment	12-Sided Urethane Logo Dumbbell Set 5-50 lbs (5 lb Increments)	Each	\$5,103.33
Fitness Equipment	12-Sided Urethane Logo Dumbbell Set 55-75 lbs (5 lb Increments)	Each	\$4,051.67
Fitness Equipment	12-Sided Urethane Logo Dumbbell Set 80-100 lbs (5 lb Increments)	Each	\$5,518.33
Fitness Equipment	12-Sided Urethane Logo Dumbbell Set 105-125 lbs (5 lb Increments)	Each	\$6,970.00
Fitness Equipment	12-Sided Urethane Logo Dumbbell Set 130-150 lbs (5 lb Increments)	Each	\$8,121.67
Fitness Equipment	5 lb 12-Sided Urethane Logo Dumbbell	Each	\$176.67
Fitness Equipment	7.5 lb 12-Sided Urethane Logo Dumbbell	Each	\$176.67
Fitness Equipment	10 lb 12-Sided Urethane Logo Dumbbell	Each	\$186.67
Fitness Equipment	12.5 lb 12-Sided Urethane Logo Dumbbell	Each	\$186.67
Fitness Equipment	15 lb 12-Sided Urethane Logo Dumbbell	Each	\$201.67
Fitness Equipment	17.5 lb 12-Sided Urethane Logo Dumbbell	Each	\$201.67
Fitness Equipment	20 lb 12-Sided Urethane Logo Dumbbell	Each	\$225.00
Fitness Equipment	22.5 lb 12-Sided Urethane Logo Dumbbell	Each	\$225.00
Fitness Equipment	25 lb 12-Sided Urethane Logo Dumbbell	Each	\$248.33
Fitness Equipment	27.5 lb 12-Sided Urethane Logo Dumbbell	Each	\$248.33
Fitness Equipment	30 lb 12-Sided Urethane Logo Dumbbell	Each	\$281.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	32.5 lb 12-Sided Urethane Logo Dumbbell	Each	\$281.67
Fitness Equipment	35 lb 12-Sided Urethane Logo Dumbbell	Each	\$286.67
Fitness Equipment	37.5 lb 12-Sided Urethane Logo Dumbbell	Each	\$286.67
Fitness Equipment	40 lb 12-Sided Urethane Logo Dumbbell	Each	\$276.67
Fitness Equipment	42.5 lb 12-Sided Urethane Logo Dumbbell	Each	\$301.67
Fitness Equipment	45 lb 12-Sided Urethane Logo Dumbbell	Each	\$316.67
Fitness Equipment	47.5 lb 12-Sided Urethane Logo Dumbbell	Each	\$316.67
Fitness Equipment	50 lb 12-Sided Urethane Logo Dumbbell	Each	\$330.00
Fitness Equipment	52.5 lb 12-Sided Urethane Logo Dumbbell	Each	\$330.00
Fitness Equipment	55 lb 12-Sided Urethane Logo Dumbbell	Each	\$351.67
Fitness Equipment	60 lb 12-Sided Urethane Logo Dumbbell	Each	\$375.00
Fitness Equipment	65 lb 12-Sided Urethane Logo Dumbbell	Each	\$405.00
Fitness Equipment	70 lb 12-Sided Urethane Logo Dumbbell	Each	\$435.00
Fitness Equipment	75 lb 12-Sided Urethane Logo Dumbbell	Each	\$458.33
Fitness Equipment	80 lb 12-Sided Urethane Logo Dumbbell	Each	\$481.67
Fitness Equipment	85 lb 12-Sided Urethane Logo Dumbbell	Each	\$528.33
Fitness Equipment	90 lb 12-Sided Urethane Logo Dumbbell	Each	\$550.00
Fitness Equipment	95 lb 12-Sided Urethane Logo Dumbbell	Each	\$576.67
Fitness Equipment	100 lb 12-Sided Urethane Logo Dumbbell	Each	\$623.33
Fitness Equipment	105 lb 12-Sided Urethane Logo Dumbbell	Each	\$651.67
Fitness Equipment	110 lb 12-Sided Urethane Logo Dumbbell	Each	\$676.67
Fitness Equipment	115 lb 12-Sided Urethane Logo Dumbbell	Each	\$685.00
Fitness Equipment	120 lb 12-Sided Urethane Logo Dumbbell	Each	\$733.33
Fitness Equipment	125 lb 12-Sided Urethane Logo Dumbbell	Each	\$738.33
Fitness Equipment	130 lb 12-Sided Urethane Logo Dumbbell	Each	\$738.33
Fitness Equipment	135 lb 12-Sided Urethane Logo Dumbbell	Each	\$775.00
Fitness Equipment	140 lb 12-Sided Urethane Logo Dumbbell	Each	\$821.67
Fitness Equipment	145 lb 12-Sided Urethane Logo Dumbbell	Each	\$858.33

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	150 lb 12-Sided Urethane Logo Dumbbell	Each	\$868.33
Fitness Equipment	4 lb Medicine Ball - Orange	Each	\$51.67
Fitness Equipment	6 lb Medicine Ball - Blue	Each	\$60.00
Fitness Equipment	8 lb Medicine Ball - Green	Each	\$66.67
Fitness Equipment	10 lb Medicine Ball - Pink	Each	\$73.33
Fitness Equipment	12 lb Medicine Ball - Grey	Each	\$81.67
Fitness Equipment	15 lb Medicine Ball - Red	Each	\$101.67
Fitness Equipment	(6) Tier Medicine Ball Tower Rack - Holds (6) Balls	Each	\$193.33
Fitness Equipment	Medicine Ball pack includes: GMBR-6(1), GMB-004(1), GMB-006(1), GMB-008(1), GMB-010(1), GMB-012(1), GMB-015(1)	Each	\$613.33
Fitness Equipment	10 lb VTX Slam Ball 9" Diameter	Each	\$58.33
Fitness Equipment	15 lb VTX Slam Ball 9" Diameter	Each	\$68.33
Fitness Equipment	20 lb VTX Slam Ball 9" Diameter	Each	\$88.33
Fitness Equipment	25 lb VTX Slam Ball 9" Diameter	Each	\$100.00
Fitness Equipment	30 lb VTX Slam Ball 9" Diameter	Each	\$116.67
Fitness Equipment	35 lb VTX Slam Ball 10" Diameter	Each	\$165.00
Fitness Equipment	40 lb VTX Slam Ball 10" Diameter	Each	\$185.00
Fitness Equipment	50 lb VTX Slam Ball 10" Diameter	Each	\$198.33
Fitness Equipment	4 lb Leather Wall Ball (Black/Yellow)	Each	\$73.33
Fitness Equipment	6 lb Leather Wall Ball (Black/Purple)	Each	\$78.33
Fitness Equipment	8 lb Leather Wall Ball (Black/Maroon)	Each	\$83.33
Fitness Equipment	10 lb Leather Wall Ball (Black)	Each	\$88.33
Fitness Equipment	12 lb Leather Wall Ball (Black/Orange)	Each	\$93.33
Fitness Equipment	14 lb Leather Wall Ball (Black/Green)	Each	\$100.00
Fitness Equipment	16 lb Leather Wall Ball (Black/Red)	Each	\$106.67
Fitness Equipment	18 lb Leather Wall Ball (Black/Gray)	Each	\$115.00
Fitness Equipment	20 lb Leather Wall Ball (Black/Blue)	Each	\$121.67
Fitness Equipment	25 lb Leather Wall Ball (Blue/Gray)	Each	\$126.67
Fitness Equipment	30 lb Leather Wall Ball (Blue/Red)	Each	\$141.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	35 lb Leather Wall Ball (Blue/Yellow)	Each	\$155.00
Fitness Equipment	40 lb Leather Wall Ball (Blue/Maroon)	Each	\$180.00
Fitness Equipment	50 lb Leather Wall Ball (Blue/Black)	Each	\$201.67
Fitness Equipment	1.5" 40ft long rope	Each	\$315.00
Fitness Equipment	2" 50ft long rope	Each	\$418.33
Fitness Equipment	8 lb Rubber Club Kettlebell	Each	\$163.33
Fitness Equipment	10 lb Rubber Club Kettlebell	Each	\$168.33
Fitness Equipment	15 lb Rubber Club Kettlebell	Each	\$60.00
Fitness Equipment	20 lb Rubber Club Kettlebell	Each	\$78.33
Fitness Equipment	25 lb Rubber Club Kettlebell	Each	\$96.67
Fitness Equipment	30 lb Rubber Club Kettlebell	Each	\$115.00
Fitness Equipment	35 lb Rubber Club Kettlebell	Each	\$133.33
Fitness Equipment	40 lb Rubber Club Kettlebell	Each	\$155.00
Fitness Equipment	45 lb Rubber Club Kettlebell	Each	\$173.33
Fitness Equipment	50 lb Rubber Club Kettlebell	Each	\$193.33
Fitness Equipment	Club Kettlebell Rack with 9 Kettlebells and 1 set of X-BANDS	Each	\$871.67
Fitness Equipment	5 lb Black Cast Iron Kettlebell	Each	\$15.00
Fitness Equipment	10 lb Black Cast Iron Kettlebell	Each	\$28.33
Fitness Equipment	15 lb Black Cast Iron Kettlebell	Each	\$41.67
Fitness Equipment	20 lb Black Cast Iron Kettlebell	Each	\$56.67
Fitness Equipment	25 lb Black Cast Iron Kettlebell	Each	\$70.00
Fitness Equipment	30 lb Black Cast Iron Kettlebell	Each	\$85.00
Fitness Equipment	35 lb Black Cast Iron Kettlebell	Each	\$98.33
Fitness Equipment	40 lb Black Cast Iron Kettlebell	Each	\$111.67
Fitness Equipment	45 lb Black Cast Iron Kettlebell	Each	\$126.67
Fitness Equipment	50 lb Black Cast Iron Kettlebell	Each	\$140.00
Fitness Equipment	55 lb Black Cast Iron Kettlebell	Each	\$153.33
Fitness Equipment	60 lb Black Cast Iron Kettlebell	Each	\$168.33

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	70 lb Black Cast Iron Kettlebell	Each	\$196.67
Fitness Equipment	80 lb Black Cast Iron Kettlebell	Each	\$223.33
Fitness Equipment	90 lb Black Cast Iron Kettlebell	Each	\$251.67
Fitness Equipment	100 lb Black Cast Iron Kettlebell	Each	\$278.33
Fitness Equipment	6" Padded Black Plyo Box	Each	\$308.33
Fitness Equipment	12" Padded Black Plyo Box	Each	\$448.33
Fitness Equipment	18" Padded Black Plyo Box	Each	\$571.67
Fitness Equipment	24" Padded Black Plyo Box	Each	\$641.67
Fitness Equipment	6" to 24" Padded Black Plyo Box; 1 of each size	Each	\$1,970.00
Fitness Equipment	The "TROY Power bar" 7' long. 28mm bar shaft. Aggressive knurling. Bright Zinc plated. 226k PSI. 16.50" of loadable sleeve length. Double snap ring. Bronze oil impregnated bushing.	Each	\$671.67
Fitness Equipment	The "TROY Black Wingbar" 7' long. 28mm bar shaft. Medium knurling. Bright Zinc pated. Black oxide finish. 192,500 PSI. 16.50" of loadable sleeve length. Double snap ring. Bronze oil impregnated bushing.	Each	\$643.33
Fitness Equipment	International Hex Bar, Dual Grip, Chrome Finish	Each	\$350.00
Fitness Equipment	International Style E-Z Curl Bar - Black.	Each	\$201.67
Fitness Equipment	International Style E-Z Curl Bar - Chrome.	Each	\$201.67
Fitness Equipment	International Style 5' E-Z Curl Bar, 30 mm, Black.	Each	\$246.67
Fitness Equipment	Spring Olympic Collar 2" E-Z with Rubber Grip (pair)	Each	\$35.00
Fitness Equipment	2" Muscle Olympic Clamp Collar (pair)	Each	\$141.67
Fitness Equipment	DYNAMIC TECHNIQUE BAR - 28mm, 15lbs, Light Knurling, No Center Knurling, Made in USA	Each	\$365.33
Fitness Equipment	DYNAMIC POWER BAR - 32mm, 1,200lb static load, Center knurling, Olympic & power lifting Marks, Zinc plating, Made in USA	Each	\$440.00
Fitness Equipment	DYNAMIC WOMEN'S OLY BAR - 25mm / 15kg, Minimum tensile 180,000psi, NO center knurling, Dual Oillite bronze bushings, Made in USA	Each	\$496.00
Fitness Equipment	DYNAMIC BADGER BAR - 28.5mm, 20kg/44lbs, Minimum tensile 190,000psi, Center knurling, Dual Oillite bronze bushings, Made in USA	Each	\$549.33
Fitness Equipment	DYNAMIC MEN'S OLY BAR - 28.5mm, 20kg/44lbs, Minimum tensile 190,000psi, NO center knurling, Dual Oillite bronze bushings, Made in USA	Each	\$557.33
Fitness Equipment	BUMPER PLATE - COMPETITION, BLACK, 17.7", 25LB (PAIR)	Each	\$341.33
Fitness Equipment	BUMPER PLATE - COMPETITION, BLACK, 17.7", 35LB (PAIR)	Each	\$432.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	BUMPER PLATE - COMPETITION, BLACK, 17.7", 45LB (PAIR)	Each	\$512.00
Fitness Equipment	BUMPER PLATE - COMPETITION, BLACK, 17.7", 55LB (PAIR)	Each	\$592.00
Fitness Equipment	BUMPER PLATE - COMPETITION, GREEN 17.7", 25LB (PAIR)	Each	\$384.00
Fitness Equipment	BUMPER PLATE - COMPETITION, YELLOW, 17.7", 35LB (PAIR)	Each	\$496.00
Fitness Equipment	BUMPER PLATE - COMPETITION, BLUE, 17.7", 45LB (PAIR)	Each	\$586.67
Fitness Equipment	BUMPER PLATE - COMPETITION, RED, 17.7", 55LB (PAIR)	Each	\$682.67
Fitness Equipment	BUMPER PLATE - HI IMPACT, BLACK, 10LB (PAIR)	Each	\$80.00
Fitness Equipment	BUMPER PLATE - HI IMPACT, BLACK, 15LB (PAIR)	Each	\$117.33
Fitness Equipment	BUMPER PLATE - HI IMPACT, BLACK, 25LB (PAIR)	Each	\$173.33
Fitness Equipment	BUMPER PLATE - HI IMPACT, BLACK, 35LB (PAIR)	Each	\$229.33
Fitness Equipment	BUMPER PLATE - HI IMPACT, BLACK, 45LB (PAIR)	Each	\$280.00
Fitness Equipment	BUMPER PLATE - STANDARD, BLACK, 17.7", 10LB (PAIR)	Each	\$72.00
Fitness Equipment	BUMPER PLATE - STANDARD, BLACK, 17.7", 15LB (PAIR)	Each	\$104.00
Fitness Equipment	BUMPER PLATE - STANDARD, BLACK, 17.7", 25LB (PAIR)	Each	\$168.00
Fitness Equipment	BUMPER PLATE - STANDARD, BLACK, 17.7", 35LB (PAIR)	Each	\$224.00
Fitness Equipment	BUMPER PLATE - STANDARD, BLACK, 17.7", 45LB (PAIR)	Each	\$288.00
Fitness Equipment	BUMPER PLATE - STANDARD, GREEN, 17.7", 10LB (PAIR)	Each	\$96.00
Fitness Equipment	BUMPER PLATE - STANDARD, YELLOW, 17.7", 25LB (PAIR)	Each	\$218.67
Fitness Equipment	BUMPER PLATE - STANDARD, BLUE, 17.7", 35LB (PAIR)	Each	\$293.33
Fitness Equipment	BUMPER PLATE - STANDARD, RED, 17.7", 45LB (PAIR)	Each	\$373.33
Fitness Equipment	BUMPER PLATE SET - STANDARD, BLACK, 260LB (2x10,2x15,2x25,2x35,2x45)	Each	\$853.33
Fitness Equipment	BUMPER PLATE SET - STANDARD, BLACK, 1,000LB (10x10,4x15,10x25,4x35,10x45)	Each	\$3,301.33
Fitness Equipment	BUMPER PLATE SET - STANDARD, COLORS, 260LB (2x10GR,2x15B,2x25YE,2x35BL,2x45RD)	Each	\$1,077.33
Fitness Equipment	BUMPER PLATE SET - STANDARD, COLORS, 1,000LB (10x10GR,4x15B,10x25YE,4x35BL,10x45RD)	Each	\$4,205.33
Fitness Equipment	ACCELL BENCH - STAND UP ATTACHMENT, BOLT ON	Each	\$48.00
Fitness Equipment	ACCELL BENCH - SLIPCOVER, PLAIN	Each	\$61.33
Fitness Equipment	ACCELL BENCH - SLIPCOVER, PRINTED LOGO	Each	\$173.33
Fitness Equipment	ACCELL BENCH - SLIPCOVER, EMBROIDERED LOGO	Each	\$197.33
Fitness Equipment	FLAT BENCH - SLIPCOVER, PLAIN	Each	\$61.33
Fitness Equipment	FLAT BENCH - SLIPCOVER, PRINTED LOGO	Each	\$173.33
Fitness Equipment	FLAT BENCH - SLIPCOVER, EMBROIDERED LOGO	Each	\$197.33
Fitness Equipment	DECLINE BENCH - SLIPCOVER, PLAIN	Each	\$72.00
Fitness Equipment	DECLINE BENCH - SLIPCOVER, PRINTED LOGO	Each	\$184.00
Fitness Equipment	DECLINE BENCH - SLIPCOVER, EMBROIDERED LOGO	Each	\$208.00
Fitness Equipment	FID BENCH - SLIPCOVER, PLAIN	Each	\$61.33



## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	FID BENCH - SLIPCOVER, PRINTED LOGO	Each	\$173.33
Fitness Equipment	FID BENCH - SLIPCOVER, EMBROIDERED LOGO	Each	\$197.33
Fitness Equipment	ULTRA PRO BENCH - SLIPCOVER, PLAIN	Each	\$72.00
Fitness Equipment	ULTRA PRO BENCH - SLIPCOVER, PRINTED LOGO	Each	\$184.00
Fitness Equipment	ULTRA PRO BENCH - SLIPCOVER, EMBROIDERED LOGO	Each	\$208.00
Fitness Equipment	Aura- Olympic Flat Bench	Each	\$1,666.67
Fitness Equipment	Aura- Olympic Incline Bench	Each	\$1,833.33
Fitness Equipment	Aura- Olympic Decline Bench	Each	\$1,833.33
Fitness Equipment	Aura- Preacher Curl	Each	\$1,416.67
Fitness Equipment	Aura- Back Extension	Each	\$1,333.33
Fitness Equipment	Aura- Squat Rack	Each	\$2,250.00
Fitness Equipment	Aura- Power Station	Each	\$2,916.67
Fitness Equipment	Aura- Adjustable Bench	Each	\$1,250.00
Fitness Equipment	Aura- Flat Bench	Each	\$875.00
Fitness Equipment	Aura- Adjustable Decline Bench	Each	\$1,250.00
Fitness Equipment	Aura- Utility Bench	Each	\$916.67
Fitness Equipment	Hybrid H7XI	Each	\$9,458.33
Fitness Equipment	Hybrid H5X	Each	\$5,291.67
Fitness Equipment	Hybrid H3X	Each	\$4,958.33
Fitness Equipment	Recumbent R7XI	Each	\$9,125.00
Fitness Equipment	Recumbent R5X	Each	\$4,958.33
Fitness Equipment	Recumbent R3X	Each	\$4,458.33
Fitness Equipment	Upright U7XI	Each	\$8,791.67
Fitness Equipment	Upright U5X	Each	\$4,458.33
Fitness Equipment	Upright U3X	Each	\$4,125.00
Fitness Equipment	TITAN ANNEX STORAGE - BUMPER PLATE RACK, 43" WIDTH	Each	\$301.33
Fitness Equipment	TITAN ANNEX STORAGE - BUMPER PLATE RACK, 60" WIDTH	Each	\$381.33
Fitness Equipment	TITAN ANNEX STORAGE - BUMPER PLATE RACK, 70"/71" WIDTH	Each	\$442.67
Fitness Equipment	TITAN ANNEX STORAGE - DUMBBELL TRAY, 43" WIDTH	Each	\$248.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	TITAN ANNEX STORAGE - DUMBBELL TRAY, 60" WIDTH	Each	\$317.33
Fitness Equipment	TITAN ANNEX STORAGE - FITNESS DUMBBELL RACK, 43" WIDTH	Each	\$514.67
Fitness Equipment	TITAN ANNEX STORAGE - KETTLEBELL TRAY, 43" WIDTH	Each	\$242.67
Fitness Equipment	TITAN ANNEX STORAGE - KETTLEBELL TRAY, 60" WIDTH	Each	\$288.00
Fitness Equipment	TITAN ANNEX STORAGE - DUMBBELL TRAY, 70"/71" WIDTH	Each	\$352.00
Fitness Equipment	TITAN ANNEX STORAGE - KETTLEBELL TRAY, 70"/71" WIDTH	Each	\$304.00
Fitness Equipment	TITAN ANNEX STORAGE - MED BALL RACK, 43" WIDTH	Each	\$256.00
Fitness Equipment	TITAN ANNEX STORAGE - MED BALL RACK, 60" WIDTH	Each	\$280.00
Fitness Equipment	TITAN ANNEX STORAGE - MED BALL RACK, 70"/71" WIDTH	Each	\$389.33
Fitness Equipment	TITAN ANNEX STORAGE - SINGLE END UPRIGHT, 51" HEIGHT	Each	\$272.00
Fitness Equipment	Wireless Access Point Pkg Asset Mgmt	Each	\$4,208.33
Fitness Equipment	Wireless Access Point Asset Mgmt Incremental	Each	\$3,041.67
Fitness Equipment	Asset Management Data Fee	Each	\$291.67
Fitness Equipment	Gateway Server Bundle	Each	\$2,875.00
Fitness Equipment	Acces Point Bundle (1-20 units)	Each	\$4,375.00
Fitness Equipment	Incremental Access Point (1 per additional 20 units)	Each	\$3,375.00
Fitness Equipment	Personal Trainer Portal	Each	\$5,208.33
Fitness Equipment	MYE TV 15"	Each	\$1,833.33
Fitness Equipment	Bracket for TV: T7xe	Each	\$250.00
Fitness Equipment	Bracket for TV: T5x	Each	\$250.00
Fitness Equipment	Bracket for TV: T3x	Each	\$250.00
Fitness Equipment	Bracket for TV: T1xe, T3xe	Each	\$250.00
Fitness Equipment	Bracket for TV: T1x	Each	\$250.00
Fitness Equipment	Bracket for TV: C5x	Each	\$250.00
Fitness Equipment	Bracket for TV: C7xe	Each	\$250.00
Fitness Equipment	Bracket for TV: A5x, E5x, H5x, R5x, U5x, S5x	Each	\$250.00
Fitness Equipment	Bracket for TV: A7xe, E7xe	Each	\$250.00
Fitness Equipment	Bracket for TV: E3x, H3x, R3x, U3x, S3x	Each	\$250.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Bracket for TV: E1x	Each	\$250.00
Fitness Equipment	Bracket for TV: H3xe, R3xe, U3xe, S3xe, A3xe	Each	\$250.00
Fitness Equipment	Bracket for TV: H7xe	Each	\$250.00
Fitness Equipment	Bracket for TV: R7xe	Each	\$250.00
Fitness Equipment	Bracket for TV: R1x	Each	\$250.00
Fitness Equipment	Bracket for TV: U7xe	Each	\$250.00
Fitness Equipment	Bracket for TV: U1x	Each	\$250.00
Fitness Equipment	Bracket for TV: S7xe	Each	\$250.00
Fitness Equipment	Krankcycle w/Seat	Each	\$3,291.67
Fitness Equipment	Krankcycle w/out Seat	Each	\$3,208.33
Fitness Equipment	Krankcycle Start-Up Kit	Each	\$423.33
Fitness Equipment	S-Drive Performance Trainer	Each	\$5,458.33
Fitness Equipment	Aura- Chest Press	Each	\$4,916.67
Fitness Equipment	Aura- Converging Chest Press	Each	\$5,125.00
Fitness Equipment	Aura- Pec Fly	Each	\$5,000.00
Fitness Equipment	Ultra- Converging Chest Press	Each	\$5,833.33
Fitness Equipment	Ultra- Pectoral Fly	Each	\$5,750.00
Fitness Equipment	Versa- Converging Chest Press	Each	\$3,916.67
Fitness Equipment	Versa- Pec Fly / Rear Delt	Each	\$3,916.67
Fitness Equipment	Ascent A7XI	Each	\$15,125.00
Fitness Equipment	Ascent A5X	Each	\$10,625.00
Fitness Equipment	Ascent A3X	Each	\$9,458.33
Fitness Equipment	Climbmill C7XI	Each	\$13,458.33
Fitness Equipment	Climbmill C5X	Each	\$9,458.33
Fitness Equipment	Climbmill C3X	Each	\$8,416.67
Fitness Equipment	ARSENAL STORAGE UNIT - LOCKER, 6' WIDTH	Each	\$3,928.00
Fitness Equipment	ARSENAL STORAGE UNIT - SAFE, 10' WIDTH	Each	\$6,114.67
Fitness Equipment	ARSENAL STORAGE UNIT - VAULT, 16' WIDTH	Each	\$7,445.33
Fitness Equipment	EDGE ANNEX STORAGE - COMPLETE FREE STANDING UNIT, 60" WIDTH	Each	\$1,738.67
Fitness Equipment	EDGE ANNEX STORAGE - COMPLETE FREE STANDING UNIT, 71" WIDTH	Each	\$1,890.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	EDGE ANNEX STORAGE - COMPLETE FREE STANDING UNIT, 95" WIDTH	Each	\$2,653.33
Fitness Equipment	TITAN ANNEX STORAGE - COMPLETE FREE STANDING UNIT, 60" WIDTH	Each	\$2,002.67
Fitness Equipment	TITAN ANNEX STORAGE - COMPLETE FREE STANDING UNIT, 71" WIDTH	Each	\$2,248.00
Fitness Equipment	TITAN ANNEX STORAGE - COMPLETE FREE STANDING UNIT, 95" WIDTH	Each	\$3,008.00
Fitness Equipment	GLADIATOR ANNEX STORAGE - COMPLETE FREE STANDING UNIT, 60" WIDTH	Each	\$1,701.33
Fitness Equipment	GLADIATOR ANNEX STORAGE - COMPLETE FREE STANDING UNIT, 70" WIDTH	Each	\$1,882.67
Fitness Equipment	GLADIATOR ANNEX STORAGE - COMPLETE FREE STANDING UNIT, 92" WIDTH	Each	\$2,632.00
Fitness Equipment	Magnum- Leg Press	Each	\$5,750.00
Fitness Equipment	Magnum- Lat Pulldown	Each	\$4,000.00
Fitness Equipment	Magnum- Dual-pulley Lat Pulldown	Each	\$4,500.00
Fitness Equipment	Magnum- Low Row	Each	\$4,000.00
Fitness Equipment	Magnum- Dual-pulley Low Row	Each	\$4,500.00
Fitness Equipment	Magnum- Rear Delt / Fly	Each	\$5,000.00
Fitness Equipment	Magnum- Dip / Chin Assist	Each	\$5,000.00
Fitness Equipment	Magnum- Lat Pulldown / Low Row	Each	\$4,291.67
Fitness Equipment	Magnum- Adjustable Crossover	Each	\$5,666.67
Fitness Equipment	Magnum- Adjustable Pulley	Each	\$3,333.33
Fitness Equipment	Magnum- Dual Adjustable Pulley	Each	\$3,375.00
Fitness Equipment	Magnum- Triceps Pushdown	Each	\$3,333.33
Fitness Equipment	Magnum- Biceps / Triceps	Each	\$3,666.67
Fitness Equipment	Magnum- Chest Press/Row (Wheelchair access.)	Each	\$5,625.00
Fitness Equipment	Magnum- Biceps/Lat Pull (Wheelchair access.)	Each	\$5,625.00
Fitness Equipment	Magnum- Pec Deck (Wheelchair access.)	Each	\$5,625.00
Fitness Equipment	Magnum- Adj Pulley (Wheelchair access.)	Each	\$4,958.33
Fitness Equipment	Aura- Abdominal Crunch	Each	\$4,416.67
Fitness Equipment	Aura- Back Extension	Each	\$4,833.33
Fitness Equipment	Aura- Rotary Torso	Each	\$4,833.33
Fitness Equipment	Ultra- Abdominal Crunch	Each	\$5,750.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Ultra- Back Extension	Each	\$5,958.33
Fitness Equipment	Ultra- Rotary Torso	Each	\$5,958.33
Fitness Equipment	Versa- Back Extension*	Each	\$3,541.67
Fitness Equipment	Versa- Abdominal	Each	\$3,083.33
Fitness Equipment	8 Series Cross Trainer W/LCD	Each	\$7,986.67
Fitness Equipment	8 Series Cross Trainer W/10"	Each	\$9,106.67
Fitness Equipment	8 Series Cross Trainer W/15" ATSC EMBEDD	Each	\$10,786.67
Fitness Equipment	8 Series Cross Trainer W/15" STB READY EMBEDD IPTV	Each	\$11,370.00
Fitness Equipment	8 Series Rear Drive Elliptical with LCD	Each	\$7,578.33
Fitness Equipment	8 Series Rear Drive Elliptical W/15" ATSC EMBEDD	Each	\$10,378.33
Fitness Equipment	8 Series Rear Drive Elliptical W/15" STB READY EMBEDD IPTV	Each	\$10,961.67
Fitness Equipment	S-CTx Cross Trainer	Each	\$5,828.33
Fitness Equipment	Varsity - Rear Delt / Fly	Each	\$5,041.67
Fitness Equipment	Varsity - Leg Ext. / Prone Leg Curl	Each	\$5,041.67
Fitness Equipment	Varsity - Ab / Low Back	Each	\$5,041.67
Fitness Equipment	Varsity - Biceps / Triceps	Each	\$4,708.33
Fitness Equipment	Varsity - 3 Way Press	Each	\$5,041.67
Fitness Equipment	Varsity - Lat Pulldown / Low Row	Each	\$4,791.67
Fitness Equipment	Varsity - Dip / Chin Assist	Each	\$5,041.67
Fitness Equipment	Varsity - Hip Adductor / Abductor	Each	\$5,541.67
Fitness Equipment	Varsity - Multi Hip	Each	\$5,833.33
Fitness Equipment	Varsity - Leg Press / Calf	Each	\$6,416.67
Fitness Equipment	Versa- Lat Pulldown / Seated Row	Each	\$4,500.00
Fitness Equipment	Versa- Bicep / Tricep	Each	\$4,291.67
Fitness Equipment	Versa- Ab / Low Back	Each	\$4,166.67
Fitness Equipment	Versa- Multi Press	Each	\$4,166.67
Fitness Equipment	Versa- Chin / Dip Assist	Each	\$5,625.00
Fitness Equipment	Versa- Leg Extension / Leg Curl	Each	\$4,291.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Versa- Hip Abductor / Adductor	Each	\$4,291.67
Fitness Equipment	Rubber hexagon dumbbells 5-50lbs	Each	\$1,261.52
Fitness Equipment	Rubber hexagon dumbbells 55-100lbs	Each	\$3,545.85
Fitness Equipment	Cast steel 45lbs Olympic grip plate	Each	\$102.67
Fitness Equipment	Cast steel 35lbs Olympic grip plate	Each	\$80.85
Fitness Equipment	Cast steel 25lbs Olympic grip plate	Each	\$57.75
Fitness Equipment	Cast steel 10lbs Olympic grip plate	Each	\$23.10
Fitness Equipment	Cast steel 5lbs Olympic plate	Each	\$11.55
Fitness Equipment	Cast steel 2.5lbs Olympic plate	Each	\$6.42
Fitness Equipment	Champion Series 45lbs rubber bumper plate	Each	\$96.25
Fitness Equipment	Champion Series 35lbs rubber bumper plate	Each	\$75.72
Fitness Equipment	Champion Series 25lbs rubber bumper plate	Each	\$55.18
Fitness Equipment	Champion Series 15lbs rubber bumper plate	Each	\$48.77
Fitness Equipment	Champion Series 10lbs rubber bumper plate	Each	\$43.63
Fitness Equipment	Intek 20kg Power Bar	Each	\$495.37
Fitness Equipment	Intek Olympic Needle Bearing Bar	Each	\$640.38
Fitness Equipment	Champion Series fixed barbells 20-110lbs	Each	\$2,173.33
Fitness Equipment	Champion Series fixed curl bars 20-110lbs	Each	\$2,173.33
Fitness Equipment	Intek curl bar	Each	\$346.67
Fitness Equipment	Elliptical E7XI	Each	\$12,791.67
Fitness Equipment	Elliptical E5X	Each	\$8,291.67
Fitness Equipment	Elliptical E3X	Each	\$7,291.67
Fitness Equipment	AIRFIT UPPER BODY	Each	\$4,311.67
Fitness Equipment	AIRFIT UPPER BODY RAMP KIT	Each	\$345.00
Fitness Equipment	FitMetrix ANT+ / BT Wireless Receivers, QTY 2	Each	\$1,250.00
Fitness Equipment	FitMetrix ANT+ / BT Power over Ethernet Receivers,QTY 2	Each	\$1,250.00
Fitness Equipment	FitMetrix Year One License Fee, 12 months	Each	\$5,491.67
Fitness Equipment	ACCELL BENCH - STANDARD FLAT, 2"X2" FRAME, 10"x44" PAD, 18" HEIGHT w/ WHEELS	Each	\$533.33
Fitness Equipment	ULTRA PRO BENCH - STANDARD FLAT, 3"X3" FRAME, 11.5"x48" PAD, 18" HEIGHT w/ WHEELS	Each	\$618.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	8 Series FreeClimber W/LCD	Each	\$6,178.33
Fitness Equipment	8 Series FreeClimber W/10"	Each	\$7,298.33
Fitness Equipment	8 Series FreeClimber W/15" ATSC EMBEDD	Each	\$8,978.33
Fitness Equipment	8 Series FreeClimber W/15" STB READY EMBEDD IPTV	Each	\$9,561.67
Fitness Equipment	Magnum- Free-standing Leg Press	Each	\$5,875.00
Fitness Equipment	Magnum- Free-standing Lat Pulldown	Each	\$4,083.33
Fitness Equipment	Magnum- Free-standing Dual-pulley Lat Pulldown	Each	\$4,625.00
Fitness Equipment	Magnum- Free-standing Low Row	Each	\$4,083.33
Fitness Equipment	Magnum- Free-standing Dual-pulley Low Row	Each	\$4,625.00
Fitness Equipment	Magnum- Free-standing Rear Delt / Fly	Each	\$5,083.33
Fitness Equipment	Magnum- Free-standing Dip / Chin Assist	Each	\$5,083.33
Fitness Equipment	Magnum- Free-standing Lat Pulldown / Low Row	Each	\$4,416.67
Fitness Equipment	Magnum- Free-standing Adjustable Crossover	Each	\$5,791.67
Fitness Equipment	Magnum- Free-standing Adjustable Pulley	Each	\$3,916.67
Fitness Equipment	Magnum- Free-standing Dual Adjustable Pulley	Each	\$4,041.67
Fitness Equipment	Magnum- Free-standing Triceps Pushdown	Each	\$3,666.67
Fitness Equipment	Magnum- Free-standing Biceps / Triceps	Each	\$3,958.33
Fitness Equipment	Magnum- Olympic Flat Bench	Each	\$1,458.33
Fitness Equipment	Magnum- Olympic Flat Bench (integrated storage horns)	Each	\$1,916.67
Fitness Equipment	Magnum- Breaker Olympic Flat Bench	Each	\$1,916.67
Fitness Equipment	Magnum- Breaker Olympic Flat Bench (integrated storage horns)	Each	\$2,375.00
Fitness Equipment	Magnum- Breaker Olympic Flat Bench (blk bar)	Each	\$1,916.67
Fitness Equipment	Magnum- Breaker Olympic Flat Bench (integrated storage horns)(blk bar)	Each	\$2,375.00
Fitness Equipment	Magnum- Olympic Incline Bench	Each	\$1,583.33
Fitness Equipment	Magnum- Olympic Incline Bench (integrated storage horns)	Each	\$2,041.67
Fitness Equipment	Magnum- Breaker Olympic Incline Bench	Each	\$2,041.67
Fitness Equipment	Magnum- Breaker Olympic Incline Bench (integrated storage horns)	Each	\$2,500.00
Fitness Equipment	Magnum- Breaker Olympic Incline Bench (blk bar)	Each	\$2,041.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Magnum- Breaker Olympic Incline Bench(integrated storage horns)(blk bar)	Each	\$2,541.67
Fitness Equipment	Magnum- Olympic Decline Bench	Each	\$1,666.67
Fitness Equipment	Magnum- Olympic Decline Bench(integrated storage horns)	Each	\$2,125.00
Fitness Equipment	Magnum- Breaker Olympic Decline Bench	Each	\$2,125.00
Fitness Equipment	Magnum- Breaker Olympic Decline Bench(integrated storage horns)	Each	\$2,583.33
Fitness Equipment	Magnum- Breaker Olympic Decline Bench(blk bar)	Each	\$2,125.00
Fitness Equipment	Magnum- Breaker Olympic Decline Bench(integrated storage horns)(blk bar)	Each	\$2,583.33
Fitness Equipment	Magnum- Olympic Shoulder Bench	Each	\$2,125.00
Fitness Equipment	Magnum- Olympic Shoulder Bench(integrated storage horns)	Each	\$2,583.33
Fitness Equipment	Magnum- Breaker Olympic Shoulder Bench	Each	\$2,583.33
Fitness Equipment	Magnum- Breaker Olympic Shoulder Bench(integrated storage horns)	Each	\$3,041.67
Fitness Equipment	Magnum- Breaker Olympic Shoulder Bench(blk bar)	Each	\$2,583.33
Fitness Equipment	Magnum- Breaker Olympic Shoulder Bench(integrated storage horns)(blk bar)	Each	\$3,041.67
Fitness Equipment	Magnum- 3-Way Olympic Bench	Each	\$3,125.00
Fitness Equipment	Magnum- Multi-adjustable Bench	Each	\$1,666.67
Fitness Equipment	Magnum- Flat Bench	Each	\$875.00
Fitness Equipment	Magnum- Standing Arm Curl	Each	\$1,541.67
Fitness Equipment	Magnum- Barbell Rack	Each	\$1,333.33
Fitness Equipment	Magnum- Verticle Knee Raise w/Chin	Each	\$2,125.00
Fitness Equipment	Magnum- Preacher Curl	Each	\$1,416.67
Fitness Equipment	Magnum- Utility Bench	Each	\$1,041.67
Fitness Equipment	Magnum- Weight Tree	Each	\$833.33
Fitness Equipment	Magnum- Squat Rack	Each	\$2,375.00
Fitness Equipment	Magnum- Back Extension Bench	Each	\$1,416.67
Fitness Equipment	Magnum- 2-tier Dumbbell Rack w/Saddles (10 pr.)	Each	\$1,458.33
Fitness Equipment	Magnum- 3-tier Studio Dumbbell Rack w/Saddles (10 pr.)	Each	\$1,458.33
Fitness Equipment	Magnum- 3-tier Dumbbell Rack w/Saddles (15 pr.)	Each	\$1,875.00
Fitness Equipment	Magnum- Multi-adjustable Bench w/Decline	Each	\$1,791.67



## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Magnum- 3-tier Beauty Bell Rack	Each	\$1,000.00
Fitness Equipment	Magnum- Adjustable Decline Bench	Each	\$1,416.67
Fitness Equipment	Magnum- Adjustable Ab Bench	Each	\$1,791.67
Fitness Equipment	Magnum- Glute Ham Bench	Each	\$2,500.00
Fitness Equipment	Magnum- Flat-to-incline Bench w/Horizontal Adjustment	Each	\$1,791.67
Fitness Equipment	Magnum- 3-tier Flat-tray Dumbbell Rack 8'	Each	\$1,750.00
Fitness Equipment	Magnum- 3-tier Flat-tray Dumbbell Rack 6'	Each	\$1,583.33
Fitness Equipment	Magnum- 2-tier Flat-tray Dumbbell Rack 8'	Each	\$1,333.33
Fitness Equipment	Magnum- 2-tier Flat-tray Dumbbell Rack 6'	Each	\$1,250.00
Fitness Equipment	Magnum- Horizontal Plate Rack (Ridge Black Color Only)	Each	\$958.33
Fitness Equipment	Magnum- Attachment Storage Rack (Ridge Black Color Only)	Each	\$1,333.33
Fitness Equipment	Magnum- Step-up Platform w/ Handle	Each	\$791.67
Fitness Equipment	Varsity - Olympic Flat Bench	Each	\$916.67
Fitness Equipment	Varsity - Olympic Incline Bench	Each	\$1,208.33
Fitness Equipment	Varsity - Multi-adjustble Bench	Each	\$1,041.67
Fitness Equipment	Varsity - Flat-to-incline Bench w/Horizontal Adjustment	Each	\$1,333.33
Fitness Equipment	Varsity - Glute Ham Bench	Each	\$1,541.67
Fitness Equipment	Varsity - Horizontal Plate Rack (Ridge Black Color Only)	Each	\$541.67
Fitness Equipment	Varsity - Flat Bench	Each	\$583.33
Fitness Equipment	Varsity - Adjustable Decline	Each	\$791.67
Fitness Equipment	Varsity - Verticle Knee Raise w/Chin	Each	\$1,291.67
Fitness Equipment	Varsity - Adjustable Ab Bench	Each	\$1,125.00
Fitness Equipment	Varsity - Multi-adjustble Bench w/Decline	Each	\$1,166.67
Fitness Equipment	Varsity - Utility Bench	Each	\$625.00
Fitness Equipment	Varsity - Back Extension Bench	Each	\$791.67
Fitness Equipment	Varsity - Weight Tree	Each	\$500.00
Fitness Equipment	Varsity - Weight Tree w/ Olympic Bar Holders	Each	\$541.67
Fitness Equipment	Varsity - Barbell Rack	Each	\$875.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Varsity - 10-pair Dumbbell Rack	Each	\$875.00
Fitness Equipment	Varsity - 2-tier Hex Dumbbell Rack	Each	\$791.67
Fitness Equipment	Versa- Functional Trainer w/76cm / 30"	Each	\$6,666.67
Fitness Equipment	Versa- Functional Trainer w/46cm / 18"	Each	\$6,416.67
Fitness Equipment	Varsity - Functional Trainer 2:1	Each	\$5,666.67
Fitness Equipment	Varsity - Functional Trainer 4:1	Each	\$6,208.33
Fitness Equipment	Varsity - Handle Package for Functional Trainer 6044 and 6047	Each	\$750.00
Fitness Equipment	Varsity - Total Body Trainer	Each	\$5,666.67
Fitness Equipment	Varsity - Adjustable Crossover (stand alone)	Each	\$5,333.33
Fitness Equipment	8 Series Gauntlet W/LCD	Each	\$8,465.00
Fitness Equipment	8 Series Gauntlet W/10"	Each	\$9,585.00
Fitness Equipment	8 Series Gauntlet W/15" ATSC EMBEDD	Each	\$11,265.00
Fitness Equipment	8 Series Gauntlet W/15" STB READY EMBEDD IPTV	Each	\$11,848.33
Fitness Equipment	ACCELL GHD - ECONOMY GLUTE HAM DEVELOPER w/ LINEAR BEARING (Black only)	Each	\$1,002.67
Fitness Equipment	ACCELL GHD - GLUTE HAM DEVELOPER, ADJUSTABLE w/ SINGLE PAD	Each	\$1,920.00
Fitness Equipment	ACCELL GHD - GLUTE HAM DEVELOPER, ADJUSTABLE w/ SPLIT PAD	Each	\$1,960.00
Fitness Equipment	EDGE GHD - GLUTE HAM DEVELOPER, ADJUSTABLE w/ SINGLE PAD	Each	\$2,514.67
Fitness Equipment	EDGE GHD - GLUTE HAM DEVELOPER, ADJUSTABLE w/ SPLIT PAD	Each	\$2,560.00
Fitness Equipment	ULTRA PRO GHD - GLUTE HAM DEVELOPER w/ LINEAR BEARING	Each	\$2,594.67
Fitness Equipment	ULTRA PRO GHD - GLUTE HAM DEVELOPER, PASS THROUGH DESIGN	Each	\$2,752.00
Fitness Equipment	Power Rack	Each	\$3,271.22
Fitness Equipment	Half Rack	Each	\$2,661.63
Fitness Equipment	Half / Half Combo Rack	Each	\$4,426.22
Fitness Equipment	Multi-Adjustable	Each	\$1,102.38
Fitness Equipment	RUBBER PLATFORM	Each	\$641.67
Fitness Equipment	4X8 Platform, No Logo	Each	\$2,180.38
Fitness Equipment	6X8 Platform, No Logo	Each	\$2,565.38
Fitness Equipment	8X8 Platform, No Logo	Each	\$2,950.38

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Aura- Leg Press	Each	\$7,333.33
Fitness Equipment	Aura- Leg Extension	Each	\$4,666.67
Fitness Equipment	Aura- Seated Leg Curl	Each	\$4,666.67
Fitness Equipment	Aura- Prone Leg Curl	Each	\$4,541.67
Fitness Equipment	Aura- Hip Adductor	Each	\$4,833.33
Fitness Equipment	Aura- Hip Abductor	Each	\$4,833.33
Fitness Equipment	Aura- Rotary Hip	Each	\$5,250.00
Fitness Equipment	Aura- Calf Press	Each	\$5,125.00
Fitness Equipment	Ultra- Leg Press	Each	\$8,750.00
Fitness Equipment	Ultra- Leg Extension	Each	\$5,750.00
Fitness Equipment	Ultra- Seated Leg Curl	Each	\$5,833.33
Fitness Equipment	Ultra- Prone Leg Curl	Each	\$5,583.33
Fitness Equipment	Ultra- Hip Adductor	Each	\$5,833.33
Fitness Equipment	Ultra- Hip Abductor	Each	\$5,833.33
Fitness Equipment	Ultra- Calf Extension	Each	\$5,416.67
Fitness Equipment	Aura- Glute	Each	\$5,000.00
Fitness Equipment	Versa- Leg Press	Each	\$4,916.67
Fitness Equipment	Versa- Leg Extension	Each	\$4,041.67
Fitness Equipment	Versa- Seated Leg Curl	Each	\$3,791.67
Fitness Equipment	Versa- Hip Adductor / Abductor	Each	\$4,291.67
Fitness Equipment	Versa- Glute	Each	\$3,791.67
Fitness Equipment	Screen Set Up Fee	Each	\$208.33
Fitness Equipment	Setup of logo for product production fee for up to 3 colors	Each	\$416.67
Fitness Equipment	Match Pantones to logo one-time fee up to 3 colors	Each	\$416.67
Fitness Equipment	Bravo Series dumbbells 5-50lbs	Each	\$2,258.67
Fitness Equipment	Bravo Series dumbbells 55-100lbs	Each	\$6,365.33
Fitness Equipment	Champion Series 45lbs rubber Olympic grip plate	Each	\$120.12
Fitness Equipment	Champion Series 35lbs rubber Olympic grip plate	Each	\$93.43

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Champion Series 25lbs rubber Olympic grip plate	Each	\$66.73
Fitness Equipment	Champion Series 10lbs rubber Olympic grip plate	Each	\$26.68
Fitness Equipment	Champion Series 5lbs rubber Olympic plate	Each	\$13.33
Fitness Equipment	Champion Series 2.5lbs rubber Olympic plate	Each	\$6.67
Fitness Equipment	Intek 20kg Power Bar	Each	\$495.37
Fitness Equipment	Intek Olympic Needle Bearing Bar	Each	\$640.38
Fitness Equipment	Bravo Series fixed barbells 20-110lbs	Each	\$2,773.33
Fitness Equipment	Bravo Series fixed curl bars 20-110lbs	Each	\$2,773.33
Fitness Equipment	Intek curl bar	Each	\$346.67
Fitness Equipment	Aura- Matrix Aura Cable Cross	Each	\$6,083.33
Fitness Equipment	Aura- Matrix Aura Adjustable Pulley	Each	\$3,000.00
Fitness Equipment	Aura- Matrix Aura Lat Pulldown	Each	\$3,041.67
Fitness Equipment	Aura- Matrix Aura Triceps Pushdown	Each	\$2,250.00
Fitness Equipment	Aura- Matrix Seated Row	Each	\$3,208.33
Fitness Equipment	Aura- Matrix Aura Multi-station Connection Kit	Each	\$166.67
Fitness Equipment	Aura- Matrix Aura Multi-station Connection Kit	Each	\$750.00
Fitness Equipment	Aura- Matrix Aura Multi-station Connection Kit	Each	\$333.33
Fitness Equipment	Aura- Matrix Aura Functional Trainer 300lb	Each	\$8,541.67
Fitness Equipment	Aura- Matrix Aura Functional Trainer 400lbs	Each	\$9,083.33
Fitness Equipment	Versa- Versa Plus Package	Each	\$500.00
Fitness Equipment	Versa- Versa Heavy Stack	Each	\$208.33
Fitness Equipment	Versa- Versa Foot Support (*)	Each	\$100.00
Fitness Equipment	Magnum- Vertical Bench Press	Each	\$3,416.67
Fitness Equipment	Magnum- Supine Bench Press	Each	\$2,708.33
Fitness Equipment	Magnum- Incline Bench Press	Each	\$3,416.67
Fitness Equipment	Magnum- Vertical Decline Bench Press	Each	\$3,750.00
Fitness Equipment	Magnum- Shoulder Press	Each	\$3,041.67
Fitness Equipment	Magnum- Lat Pulldown	Each	\$3,041.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Magnum- Seated Row	Each	\$3,041.67
Fitness Equipment	Magnum- Ab Crunch Bench	Each	\$2,125.00
Fitness Equipment	Magnum- Smith Machine	Each	\$5,708.33
Fitness Equipment	Magnum- Leg Press	Each	\$5,708.33
Fitness Equipment	Magnum- Hack Squat	Each	\$5,500.00
Fitness Equipment	Magnum- Standing Calf	Each	\$3,125.00
Fitness Equipment	Magnum- Seated Calf	Each	\$1,916.67
Fitness Equipment	Magnum- Squat Lunge	Each	\$2,125.00
Fitness Equipment	Varsity - Angled Smith Machine	Each	\$4,833.33
Fitness Equipment	Varsity - Perfect Squat	Each	\$3,583.33
Fitness Equipment	Varsity - Leg Extension	Each	\$3,208.33
Fitness Equipment	Varsity - Prone Leg Curl	Each	\$3,208.33
Fitness Equipment	Varsity - Biceps Curl	Each	\$3,125.00
Fitness Equipment	Varsity - Triceps Extension	Each	\$3,125.00
Fitness Equipment	ACCELL STAND ALONE 4' X 8' X 3" PLATFORM w/TUBE FRAME, 4 BAND PEGS, 2-PIECE RUBBER INSERTS, NO WOOD	Each	\$1,928.00
Fitness Equipment	ACCELL STAND ALONE 6' X 8' X 3" PLATFORM w/TUBE FRAME, 4 BAND PEGS, 2-PIECE RUBBER INSERTS, NO WOOD	Each	\$2,138.67
Fitness Equipment	ACCELL STAND ALONE 4' X 8' X 3" PLATFORM	Each	\$1,429.33
Fitness Equipment	ACCELL STAND ALONE 4' X 8' X 3" PLATFORM w/ URETHANE LOGO	Each	\$1,749.33
Fitness Equipment	ACCELL STAND ALONE 6' X 8' X 3" PLATFORM	Each	\$1,845.33
Fitness Equipment	ACCELL STAND ALONE 6' X 8' X 3" PLATFORM w/ URETHANE LOGO	Each	\$2,165.33
Fitness Equipment	ACCELL STAND ALONE 4' X 8' X 3" PLATFORM w/ SOUND DEADENING RUBBER	Each	\$4,298.67
Fitness Equipment	ACCELL STAND ALONE 4' X 8' X 3" PLATFORM w/ SOUND DEADENING RUBBER w/ LOGO	Each	\$4,618.67
Fitness Equipment	ACCELL STAND ALONE 6' X 8' X 3" PLATFORM w/ SOUND DEADENING RUBBER	Each	\$4,661.33
Fitness Equipment	ACCELL STAND ALONE 6' X 8' X 3" PLATFORM w/ SOUND DEADENING RUBBER w/ LOGO	Each	\$4,981.33
Fitness Equipment	TITAN HALF RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,144.00
Fitness Equipment	TITAN HALF RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$2,464.00
Fitness Equipment	TITAN HALF RACK 4' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,144.00
Fitness Equipment	TITAN HALF RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,568.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>	<b>UOM</b>	<b>Price</b>	
Fitness Equipment	TITAN HALF RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$2,888.00
Fitness Equipment	TITAN HALF RACK 6' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,568.00
Fitness Equipment	TITAN DOUBLE HALF RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,448.00
Fitness Equipment	TITAN DOUBLE HALF RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$2,768.00
Fitness Equipment	TITAN DOUBLE HALF RACK 4' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,448.00
Fitness Equipment	TITAN DOUBLE HALF RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,872.00
Fitness Equipment	TITAN DOUBLE HALF RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$3,192.00
Fitness Equipment	TITAN DOUBLE HALF RACK 6' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,872.00
Fitness Equipment	TITAN POWER RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,448.00
Fitness Equipment	TITAN POWER RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$2,768.00
Fitness Equipment	TITAN POWER RACK 4' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,448.00
Fitness Equipment	TITAN POWER RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,872.00
Fitness Equipment	TITAN POWER RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$3,192.00
Fitness Equipment	TITAN POWER RACK 6' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,872.00
Fitness Equipment	EDGE HALF RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,144.00
Fitness Equipment	EDGE HALF RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$2,464.00
Fitness Equipment	EDGE HALF RACK 4' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,144.00
Fitness Equipment	EDGE HALF RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,568.00
Fitness Equipment	EDGE HALF RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$2,888.00
Fitness Equipment	EDGE HALF RACK 6' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,568.00
Fitness Equipment	EDGE DOUBLE HALF RACK SINGLE POST STORAGE 4' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$1,930.67
Fitness Equipment	EDGE DOUBLE HALF RACK SINGLE POST STORAGE 4' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$2,250.67
Fitness Equipment	EDGE DOUBLE HALF RACK SINGLE POST STORAGE 4' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$3,930.67
Fitness Equipment	EDGE DOUBLE HALF RACK SINGLE POST STORAGE 6' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,229.33
Fitness Equipment	EDGE DOUBLE HALF RACK SINGLE POST STORAGE 6' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$2,549.33
Fitness Equipment	EDGE DOUBLE HALF RACK SINGLE POST STORAGE 6' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,229.33
Fitness Equipment	EDGE DOUBLE HALF RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,448.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	EDGE DOUBLE HALF RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$2,768.00
Fitness Equipment	EDGE DOUBLE HALF RACK 4' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,448.00
Fitness Equipment	EDGE DOUBLE HALF RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,872.00
Fitness Equipment	EDGE DOUBLE HALF RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$3,192.00
Fitness Equipment	EDGE DOUBLE HALF RACK 6' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,872.00
Fitness Equipment	EDGE POWER RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,448.00
Fitness Equipment	EDGE POWER RACK 4' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$2,768.00
Fitness Equipment	EDGE POWER RACK 4' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,448.00
Fitness Equipment	EDGE POWER RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT	Each	\$2,869.33
Fitness Equipment	EDGE POWER RACK 6' X 8' X 3" PLATFORM w/ INSERT KIT w/ LOGO	Each	\$3,189.33
Fitness Equipment	EDGE POWER RACK 6' X 8' X 3" PLATFORM w/ SOUND DEADENING INSERT KIT	Each	\$4,869.33
Fitness Equipment	Magnum- 6' x 8' w/Hardwood Center (stand alone)	Each	\$3,083.33
Fitness Equipment	Magnum- 8' x 8' w/Hardwood Center (stand alone)	Each	\$3,833.33
Fitness Equipment	Magnum- Hardwood Insert w/6' x 8' Platform (1 side for double half)	Each	\$3,833.33
Fitness Equipment	Magnum- Hardwood Insert w/6' x 8' Platform (MG-A47/ MG-A694)	Each	\$4,041.67
Fitness Equipment	Magnum- Hardwood Insert w/6' x 8' Platform (MG-A690)	Each	\$3,416.67
Fitness Equipment	Magnum- Hardwood Insert w/6' x 8' Platform (MG-A694)	Each	\$4,166.67
Fitness Equipment	Magnum- MEGA Hardwood Insert Platform (double half )	Each	\$4,166.67
Fitness Equipment	Magnum- MEGA Hardwood Insert Platform (open power)	Each	\$4,458.33
Fitness Equipment	Magnum- MEGA Hardwood Insert w/6' x 8' Platform (1 side double half)	Each	\$4,166.67
Fitness Equipment	Magnum- MEGA Hardwood Insert w/6' x 8' Platform (MG-A47/ MG-A694)	Each	\$4,458.33
Fitness Equipment	Magnum- MEGA Solid Rubber Surface Power Platform 6' x 8' (1 side MG-A691)	Each	\$2,708.33
Fitness Equipment	Magnum- MEGA Solid Rubber Surface Power Platform for MG-A47 / MG-A694	Each	\$2,875.00
Fitness Equipment	Magnum- Solid Rubber Surface Power Platform (MG-A690 Half Rack)	Each	\$2,541.67
Fitness Equipment	Magnum- Solid Rubber Surface Power Platform 8' x 6' (stand alone)	Each	\$2,000.00
Fitness Equipment	Magnum- Solid Rubber Surface Power Platform for MG-A47 / MG-A694	Each	\$2,666.67
Fitness Equipment	4' personal MONKEY BAR Rig	Each	\$6,818.67
Fitness Equipment	6' Monkey Bar Rig	Each	\$8,480.00
Fitness Equipment	14' MONKEY BAR Rig	Each	\$13,421.33
Fitness Equipment	20' incline MONKEY BAR Rig	Each	\$21,690.67
Fitness Equipment	10' STANDARD Rig	Each	\$7,872.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	14' STANDARD Rig	Each	\$11,040.00
Fitness Equipment	24' STANDARD Rig	Each	\$16,757.33
Fitness Equipment	6' m3zone 3.0 Rig	Each	\$8,949.33
Fitness Equipment	12' m3zone 4.0 Rig	Each	\$16,498.67
Fitness Equipment	14' Premium EXTENSION Rig	Each	\$18,506.67
Fitness Equipment	14' PREMIUM "X" Rig	Each	\$20,722.67
Fitness Equipment	Corner Training Unit	Each	\$9,482.67
Fitness Equipment	Armor Series dumbbells 5-50lbs	Each	\$4,874.10
Fitness Equipment	Armor Series dumbbells 55-100lbs	Each	\$8,393.00
Fitness Equipment	Armor Series 45lbs urethane Olympic grip plate	Each	\$182.07
Fitness Equipment	Armor Series 35lbs urethane Olympic grip plate	Each	\$141.17
Fitness Equipment	Armor Series 25lbs urethane Olympic grip plate	Each	\$101.38
Fitness Equipment	Armor Series 10lbs urethane Olympic grip plate	Each	\$41.07
Fitness Equipment	Armor Series 5lbs urethane Olympic plate	Each	\$20.53
Fitness Equipment	Armor Series 2.5lbs urethane Olympic plate	Each	\$11.55
Fitness Equipment	Armor Series 55lbs urethane bumper plate	Each	\$451.73
Fitness Equipment	Armor Series 45lbs urethane bumper plate	Each	\$332.38
Fitness Equipment	Armor Series 35lbs urethane bumper plate	Each	\$257.95
Fitness Equipment	Armor Series 25lbs urethane bumper plate	Each	\$200.20
Fitness Equipment	Armor Series 15lbs urethane bumper plate	Each	\$147.58
Fitness Equipment	Armor Series 10lbs urethane bumper plate	Each	\$119.35
Fitness Equipment	Intek 20KG Power Bar	Each	\$495.37
Fitness Equipment	Intek Olympic Needle Bearing Bar	Each	\$640.38
Fitness Equipment	Armor Series fixed barbells 20-110lbs	Each	\$4,986.67
Fitness Equipment	Armor Series fixed curl bars 20-110lbs	Each	\$4,986.67
Fitness Equipment	Intek curl bar	Each	\$346.67
Fitness Equipment	MYE PVS SCREEN, 2016, ATSC/NTSC TUNER w/8-TREADMILL MOUNT	Each	\$1,745.00
Fitness Equipment	MYE PVS SCREEN, 2016, ATSC/NTSC TUNER w/8-TREADCLIMBER MOUNT	Each	\$1,745.00



## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	MYE PVS SCREEN, 2016, ATSC/NTSC TUNER w/8-FREECLIMBER MOUNT	Each	\$1,745.00
Fitness Equipment	MYE PVS SCREEN, 2016, ATSC/NTSC TUNER w/8- BCG MOUNT	Each	\$1,745.00
Fitness Equipment	S-UBx PVS Kit	Each	\$1,745.00
Fitness Equipment	S-RBx PVS Kit	Each	\$1,745.00
Fitness Equipment	S-CTx PVS Kit	Each	\$1,745.00
Fitness Equipment	S-TRc PVS Kit	Each	\$1,745.00
Fitness Equipment	S-TRx PVS Kit	Each	\$1,745.00
Fitness Equipment	KIT, PVS, MYE, 15.6" PRO:IDIOM, S-UBx	Each	\$2,211.67
Fitness Equipment	KIT, PVS, MYE, 15.6" PRO:IDIOM, S-TRx	Each	\$2,211.67
Fitness Equipment	KIT, PVS, MYE, 15.6" PRO:IDIOM, S-RBx	Each	\$2,211.67
Fitness Equipment	KIT, PVS, MYE, 15.6" PRO:IDIOM, S-TRc	Each	\$2,211.67
Fitness Equipment	KIT, PVS, MYE, 15.6" PRO:IDIOM, S-CTx	Each	\$2,211.67
Fitness Equipment	KIT, PVS BRACKET W/CBL, S-UBx (for use with MYE screen)	Each	\$208.33
Fitness Equipment	KIT, PVS BRACKET W/CBL, S-RBx (for use with MYE screen)	Each	\$208.33
Fitness Equipment	KIT, PVS BRACKET W/CBL, S-CTx(for use with MYE screen)	Each	\$208.33
Fitness Equipment	KIT, PVS BRACKET W/CBL, S-TRc (for use with MYE screen)	Each	\$208.33
Fitness Equipment	KIT, PVS BRACKET W/CBL, S-TRx (for use with MYE screen)	Each	\$208.33
Fitness Equipment	GLADIATOR BAND PEGS (PAIR)	Each	\$74.67
Fitness Equipment	GLADIATOR D-HANDLE	Each	\$82.67
Fitness Equipment	GLADIATOR DIP STATION	Each	\$269.33
Fitness Equipment	GLADIATOR FRAME MOUNT SINGLE BAR STORAGE	Each	\$82.67
Fitness Equipment	GLADIATOR J-CUPS (PAIR)	Each	\$160.00
Fitness Equipment	GLADIATOR LANDMINE, DOUBLE KNUCKLE w/LOCK PIN	Each	\$213.33
Fitness Equipment	GLADIATOR LANDMINE, SINGLE	Each	\$136.00
Fitness Equipment	GLADIATOR LONG PLATE STORAGE PEGS	Each	\$80.00
Fitness Equipment	GLADIATOR LONG PLATE STORAGE PEGS (8 PACK)	Each	\$517.33
Fitness Equipment	GLADIATOR PIN/PIPE SAFETY BARS SET - 30" (FITS 3/4 & POWER RACKS)	Each	\$248.00
Fitness Equipment	GLADIATOR SAFETY ARMS SET (FITS HALF RACK/DOUBLE RACK)	Each	\$250.67
Fitness Equipment	GLADIATOR SPOTTER PLATFORMS, FOLDING (PAIR) (Not compatible w/300001 Rig Style Power Rack)	Each	\$496.00
Fitness Equipment	GLADIATOR TECHNIQUE TRAYS (PAIR)	Each	\$712.00
Fitness Equipment	GLADIATOR XD SAFETY BAR SET - 30" (FITS 3/4 & POWER RACKS)	Each	\$349.33
Fitness Equipment	TITAN BALL TARGET 16" (Logo option available, see sales)	Each	\$160.00
Fitness Equipment	TITAN BALL TARGET 22" (Logo option available, see sales)	Each	\$202.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	TITAN BAND PEGS (PAIR)	Each	\$74.67
Fitness Equipment	TITAN CHIN-UP BAR (Requires XD crossmember, see sales)	Each	\$165.33
Fitness Equipment	TITAN DIP STATION	Each	\$344.00
Fitness Equipment	TITAN QUICK-CHANGE DIP STATION	Each	\$210.67
Fitness Equipment	TITAN D-RING, ROPE ANCHOR	Each	\$165.33
Fitness Equipment	TITAN FRAME MOUNT SINGLE BAR STORAGE	Each	\$96.00
Fitness Equipment	TITAN HANGING BAR STORAGE, SINGLE	Each	\$58.67
Fitness Equipment	TITAN JAMMER ARMS	Each	\$557.33
Fitness Equipment	TITAN J-CUPS (PAIR)	Each	\$184.00
Fitness Equipment	TITAN LANDMINE, DOUBLE KNUCKLE	Each	\$248.00
Fitness Equipment	TITAN LANDMINE, SINGLE KNUCKLE	Each	\$136.00
Fitness Equipment	TITAN PLATE STORAGE PEG - LONG	Each	\$88.00
Fitness Equipment	TITAN PLATE STORAGE PEGS - LONG, 8-PACK	Each	\$704.00
Fitness Equipment	TITAN PLYO STEP	Each	\$349.33
Fitness Equipment	TITAN QUICK-CHANGE PLYO STEP	Each	\$248.00
Fitness Equipment	TITAN PULL-UP BALL (Requires XD crossmember, see sales)	Each	\$125.33
Fitness Equipment	TITAN SAFETY ARMS (PAIR) (FITS RIGS/HALF RACKS/DOUBLE RACKS)	Each	\$344.00
Fitness Equipment	TITAN SAFETY BARS XD, 30" LENGTH (PAIR) - FITS 3/4 & POWER RACKS	Each	\$400.00
Fitness Equipment	TITAN SAFETY RODS STANDARD, 30" LENGTH (PAIR) - FITS 3/4 & POWER RACKS	Each	\$290.67
Fitness Equipment	TITAN SINGLE ROLLER PAD	Each	\$234.67
Fitness Equipment	TITAN SKID PLATE - FITS POWER RACK	Each	\$274.67
Fitness Equipment	TITAN SPOTTER PLATFORMS, FOLDING (PAIR) (Not compatible w/400001 Rig Style Power Rack)	Each	\$496.00
Fitness Equipment	TITAN TECHNIQUE TRAYS (PAIR)	Each	\$720.00
Fitness Equipment	ULTRA PRO 71" 3X3 CHIN UP RACK CONNECTOR*	Each	\$312.00
Fitness Equipment	ULTRA PRO 71" 3X3 RACK CONNECTOR W/ HOLES*	Each	\$234.67
Fitness Equipment	ULTRA PRO 71" DOUBLE BAR RACK CONNECTOR W/ PLATE*	Each	\$253.33
Fitness Equipment	ULTRA PRO 71" DOUBLE BAR RACK CONNECTOR W/ PLATE, LASER-CUT LOGO*	Each	\$400.00
Fitness Equipment	ULTRA PRO 71" RACK CONNECTOR, SINGLE BAR*	Each	\$184.00
Fitness Equipment	ULTRA PRO 96" 3X3 CHIN UP RACK CONNECTOR*	Each	\$437.33
Fitness Equipment	ULTRA PRO 96" 3X3 RACK CONNECTOR W/ HOLES*	Each	\$317.33
Fitness Equipment	ULTRA PRO BAND PEGS (PAIR)*	Each	\$205.33
Fitness Equipment	ULTRA PRO BUMPER PLATE END TABLE*	Each	\$450.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	ULTRA PRO DIP STATION	Each	\$360.00
Fitness Equipment	ULTRA PRO DIP STATION (REVERSE)	Each	\$360.00
Fitness Equipment	ULTRA PRO DIP HANDLES, SWEPT (PAIR)	Each	\$432.00
Fitness Equipment	ULTRA PRO DUAL LANDMINE*	Each	\$370.67
Fitness Equipment	ULTRA PRO SINGLE LANDMINE*	Each	\$93.33
Fitness Equipment	ULTRA PRO FUNCTIONAL TRAINER ADD ON*	Each	\$7,045.33
Fitness Equipment	ULTRA PRO JAMMER ARMS (PAIR)	Each	\$973.33
Fitness Equipment	ULTRA PRO PLYO STEP ATTACHMENT	Each	\$344.00
Fitness Equipment	ULTRA PRO PULL UP BALL* (Requires connector bar 709196)	Each	\$130.67
Fitness Equipment	ULTRA PRO PULL UP BAR (REMOVEABLE)	Each	\$405.33
Fitness Equipment	ULTRA PRO REVERSE J-CUP	Each	\$314.67
Fitness Equipment	ULTRA PRO REVERSE SAFETY	Each	\$402.67
Fitness Equipment	ULTRA PRO ROPE PULL	Each	\$368.00
Fitness Equipment	ULTRA PRO SPLIT SQUAT ROLLER	Each	\$362.67
Fitness Equipment	ULTRA PRO SPOTTER PLATFORMS, FOLDING (PAIR)*	Each	\$496.00
Fitness Equipment	ULTRA PRO STORAGE RECEPTACLE*	Each	\$152.00
Fitness Equipment	ULTRA PRO TECHNIQUE TRAY (PAIR)	Each	\$754.67
Fitness Equipment	Magnum- Straight Ladder - 8'	Each	\$1,416.67
Fitness Equipment	Magnum- Straight Ladder - 9'9"	Each	\$1,583.33
Fitness Equipment	Magnum- Pyramid Ladder - 8'	Each	\$1,583.33
Fitness Equipment	Magnum- Pyramid Ladder - 9'9"	Each	\$1,750.00
Fitness Equipment	Magnum- Straight Chin Bar - 6'	Each	\$783.33
Fitness Equipment	Magnum- Straight Chin Bar - 8'	Each	\$850.00
Fitness Equipment	Magnum- Mega Straight Chin Bar - 6'	Each	\$783.33
Fitness Equipment	Magnum- Mega Straight Chin Bar - 8'	Each	\$850.00
Fitness Equipment	Magnum- Dual Sided Fat/Straight Chin Bar - 6'	Each	\$1,150.00
Fitness Equipment	Magnum- Dual Sided Fat/Straight Chin Bar - 8'	Each	\$1,250.00
Fitness Equipment	Magnum- Upper Band Pegs	Each	\$350.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Magnum- Mega Dual Sided Fat/Straight Chin Bar - 6'	Each	\$1,150.00
Fitness Equipment	Magnum- Mega Dual Sided Fat/Straight Chin Bar - 8'	Each	\$1,250.00
Fitness Equipment	Magnum- Ropeflex	Each	\$2,991.67
Fitness Equipment	Magnum- Magnum Series Mounting Kit	Each	\$133.33
Fitness Equipment	Magnum- Mounting Kit - MR47	Each	\$66.67
Fitness Equipment	Magnum- Mounting Kit - MR690 / MR694	Each	\$66.67
Fitness Equipment	Magnum- Mounting Kit - MR691	Each	\$66.67
Fitness Equipment	Varsity - Straight Ladder - 8'	Each	\$1,416.67
Fitness Equipment	Varsity - Straight Ladder - 9'9"	Each	\$1,583.33
Fitness Equipment	Varsity - Pyramid Ladder - 8'	Each	\$1,583.33
Fitness Equipment	Varsity - Pyramid Ladder - 9'9"	Each	\$1,750.00
Fitness Equipment	Varsity - Straight Chin Bar - 6'	Each	\$783.33
Fitness Equipment	Varsity - Straight Chin Bar - 8'	Each	\$850.00
Fitness Equipment	Varsity - Dual Sided Fat/Straight Chin Bar - 6'	Each	\$1,150.00
Fitness Equipment	Varsity - Dual Sided Fat/Straight Chin Bar - 8'	Each	\$1,250.00
Fitness Equipment	Hardwood Insert w/6' x 8' Platform ( VY-D47/ VY-D694)	Each	\$4,541.67
Fitness Equipment	Varsity - Hardwood Insert w/6' x 8' Platform (VY-D690)	Each	\$4,291.67
Fitness Equipment	Varsity - Hardwood Insert w/6' x 8' Platform (VY-D691)	Each	\$3,166.67
Fitness Equipment	Varsity - Hardwood Insert w/ 6' x 8' Platform	Each	\$4,208.33
Fitness Equipment	Varsity - Solid Rubber Surface Power Platform (VY-D47 / VY-D694)	Each	\$2,750.00
Fitness Equipment	Varsity - Solid Rubber Insert w/6' x 8' Platform (VY-D690)	Each	\$2,625.00
Fitness Equipment	Varsity - Solid Rubber Insert w/6' x 8' Platform (VY-D691)	Each	\$2,625.00
Fitness Equipment	Magnum- Reverse J-Hooks (Pair)	Each	\$608.33
Fitness Equipment	Magnum- Dip Bars	Each	\$608.33
Fitness Equipment	Magnum- Reverse Dip Bars	Each	\$608.33
Fitness Equipment	Magnum- 3-peg Band Pegs	Each	\$608.33
Fitness Equipment	Magnum- 2-peg Band Pegs	Each	\$408.33
Fitness Equipment	Magnum- Squat Handles (Pair)	Each	\$341.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Magnum- Step-up Platform	Each	\$833.33
Fitness Equipment	Magnum- Reverse Step-up Platform	Each	\$833.33
Fitness Equipment	Magnum- Technique Scoops	Each	\$1,325.00
Fitness Equipment	Magnum- Reverse Technique Scoops (Pair)	Each	\$1,325.00
Fitness Equipment	Magnum- Custom Platform Logo	Each	\$833.33
Fitness Equipment	Magnum- Platform Ramp	Each	\$208.33
Fitness Equipment	Magnum- Platform Ramp (for MEGA Power Racks)	Each	\$208.33
Fitness Equipment	Magnum- Land Mine Attachment	Each	\$433.33
Fitness Equipment	Magnum- Land Mine Attachment (for Mega Power Racks)	Each	\$433.33
Fitness Equipment	Magnum- Name Plate (Universal Mount)	Each	\$466.67
Fitness Equipment	Magnum- Core Handle	Each	\$183.33
Fitness Equipment	Magnum- Jammin Arms (Pair)	Each	\$1,650.00
Fitness Equipment	Magnum- Jammin Arms w/ Band Attachment	Each	\$1,975.00
Fitness Equipment	Magnum- Reverse Jammin Arms (Pair) (for Power Racks only)	Each	\$1,650.00
Fitness Equipment	Magnum- Reverse Jammin Arms w/ Band Attachment (Pair)	Each	\$1,975.00
Fitness Equipment	Magnum- Docking Kit w/o Platform	Each	\$66.67
Fitness Equipment	Magnum- Docking Kit w/o Platform - Mega Rack	Each	\$66.67
Fitness Equipment	Magnum- Docking Kit with Platform	Each	\$66.67
Fitness Equipment	Magnum- Docking Kit with Platform - Mega Rack	Each	\$66.67
Fitness Equipment	Magnum- Battle Rope Attachment	Each	\$181.67
Fitness Equipment	Magnum- Battle Rope Attachment - Mega Rack	Each	\$181.67
Fitness Equipment	Magnum- Dual Olympic Bar Storage	Each	\$66.67
Fitness Equipment	Magnum- Dual Olympic Bar Storage - Mega Rack	Each	\$66.67
Fitness Equipment	Magnum- Rotating Chin Handles	Each	\$750.00
Fitness Equipment	Magnum- Rotating Chin Handles - MR47	Each	\$750.00
Fitness Equipment	Magnum- Side Mounted Pull-Up Bar	Each	\$550.00
Fitness Equipment	Magnum- Side Mounted Pull-Up Bar - Mega Rack	Each	\$550.00
Fitness Equipment	Magnum- Bolt On Olympic Bar Holder (Pair)	Each	\$300.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Magnum- Bolt On Spotters Stand MEGA and A Series	Each	\$700.00
Fitness Equipment	Magnum- Safety Arm Storage	Each	\$258.33
Fitness Equipment	Magnum- Safety Arm Storage (for MR Series Racks) (Pair)	Each	\$341.67
Fitness Equipment	Magnum- Safety Arm Storage for D Series Rack	Each	\$98.33
Fitness Equipment	Magnum- Fat Bar J-hooks	Each	\$650.00
Fitness Equipment	Magnum- Reverse Fat Bar J-hooks	Each	\$650.00
Fitness Equipment	Varsity - Reverse J-hooks (Pair)	Each	\$616.67
Fitness Equipment	Varsity - Dip Bars	Each	\$616.67
Fitness Equipment	Varsity - Reverse Dip Bars	Each	\$616.67
Fitness Equipment	Varsity - 3-peg Band Pegs	Each	\$616.67
Fitness Equipment	Varsity - 2-peg Band Pegs	Each	\$416.67
Fitness Equipment	Varsity - Squat Handles (Pair)	Each	\$341.67
Fitness Equipment	Varsity - Custom Platform Logo	Each	\$991.67
Fitness Equipment	Varsity - Platform Ramp	Each	\$266.67
Fitness Equipment	Varsity - Land Mine Attachment	Each	\$433.33
Fitness Equipment	Varsity - Name Plate (Universal Mount)	Each	\$466.67
Fitness Equipment	Varsity - Core Handle	Each	\$183.33
Fitness Equipment	Varsity - Safety Arm Storage	Each	\$258.33
Fitness Equipment	Varsity - Reverse Fat Bar J-hooks	Each	\$650.00
Fitness Equipment	Varsity - Docking Kit Varsity Rack w/o Platform	Each	\$66.67
Fitness Equipment	Varsity - Docking Kit Varsity Rack with Platform	Each	\$66.67
Fitness Equipment	Varsity - Battle Rope Attachment - Varsity Racks	Each	\$181.67
Fitness Equipment	Aura- 10 Pair Dumbbell Rack	Each	\$1,666.67
Fitness Equipment	Aura- Olympic Weight Tree	Each	\$916.67
Fitness Equipment	Aura- Barbell Rack	Each	\$1,416.67
Fitness Equipment	Aura- Accessory Rack	Each	\$1,125.00
Fitness Equipment	ACCELL 2x2 POWER RACK, RIG STYLE - w/J-CUPS, 1" ADJUSTMENT SPACING, PIN/PIPE SAFETY BARS, DUAL PULL UP BARS: FAT & SKINNY	Each	\$1,066.67
Fitness Equipment	GLADIATOR SQUAT STAND w/wheels	Each	\$826.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	GLADIATOR HALF RACK - w/J-CUPS, SINGLE PULL UP BAR 1.25" dia	Each	\$994.67
Fitness Equipment	GLADIATOR HALF RACK w/wheels - w/J-CUPS, SINGLE PULL UP BAR 1.25" dia	Each	\$1,037.33
Fitness Equipment	GLADIATOR HALF RACK w/storage (80" TALL) - w/J-CUPS, 8 LONG PLATE STORAGE PEGS, SAFETY ARMS, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$2,029.33
Fitness Equipment	GLADIATOR HALF RACK w/storage - w/J-CUPS, 8 LONG PLATE STORAGE PEGS, SAFETY ARMS, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$2,074.67
Fitness Equipment	GLADIATOR 3/4 RACK - w/J-CUPS, pin/pipe SAFETY bars, SINGLE PULL UP BAR 1.25" dia	Each	\$1,760.00
Fitness Equipment	GLADIATOR 3/4 RACK w/storage - w/J-CUPS, 8 LONG PLATE STORAGE PEGS, pin/pipe SAFETY bars, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$2,749.33
Fitness Equipment	GLADIATOR POWER RACK (rig style, 30" DEPTH) - w/J-CUPS, pin/pipe SAFETY bars, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$1,896.00
Fitness Equipment	GLADIATOR POWER RACK - w/J-CUPS, pin/pipe SAFETY bars, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$2,184.00
Fitness Equipment	GLADIATOR POWER RACK w/storage (80" TALL) - w/J-CUPS, 8 LONG PLATE STORAGE PEGS, pin/pipe SAFETY bars, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$3,138.67
Fitness Equipment	GLADIATOR POWER RACK w/storage - w/J-CUPS, 8 LONG PLATE STORAGE PEGS, pin/pipe SAFETY bars, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$3,202.67
Fitness Equipment	GLADIATOR DOUBLE HALF RACK w/storage - w/J-CUPS, 8 LONG PLATE STORAGE PEGS, TWO SETS SAFETY ARMS, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$3,045.33
Fitness Equipment	GLADIATOR HALF RACK / HALF RACK combo, annex storage system - w/J-CUPS, SAFETY ARMS, 8 LONG PLATE STORAGE PEGS	Each	\$5,330.67
Fitness Equipment	GLADIATOR HALF RACK / power RACK combo, annex storage system - w/J-CUPS, SAFETY ARMS, pin/pipe SAFETY bars, 8 LONG PLATE STORAGE PEGS	Each	\$6,314.67
Fitness Equipment	Magnum- Open Rack 8'	Each	\$4,125.00
Fitness Equipment	Magnum- Open Rack 9'	Each	\$4,208.33
Fitness Equipment	Magnum- Half Rack 8'	Each	\$3,708.33
Fitness Equipment	Magnum- Half Rack 9'	Each	\$3,791.67
Fitness Equipment	Magnum- Power Rack 8'	Each	\$4,583.33
Fitness Equipment	Magnum- Power Rack 9'	Each	\$4,666.67
Fitness Equipment	Magnum- Double Half Rack 8'	Each	\$6,833.33
Fitness Equipment	Magnum- Double Half Rack 9'	Each	\$6,916.67
Fitness Equipment	Magnum- MEGA Open Rack 8'	Each	\$5,666.67
Fitness Equipment	Magnum- MEGA Half Rack 8'	Each	\$5,458.33
Fitness Equipment	Magnum- MEGA Power Rack 8'	Each	\$6,000.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Magnum- MEGA Double Half Rack 8'	Each	\$8,833.33
Fitness Equipment	TITAN FOLDING WALL MOUNT RACK, 20" depth - does not include wall mounting hardware	Each	\$1,130.67
Fitness Equipment	TITAN FOLDING WALL MOUNT RACK, 43" depth - does not include wall mounting hardware	Each	\$1,325.33
Fitness Equipment	TITAN SQUAT rack - w/J-CUPS, SINGLE PULL UP BAR 1.25" dia	Each	\$1,397.33
Fitness Equipment	TITAN HALF RACK w/storage - w/J-CUPS, 8 LONG PLATE STORAGE PEGS, SAFETY ARMS, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$2,522.67
Fitness Equipment	TITAN 3/4 RACK - w/J-CUPS, pin/pipe SAFETY bars, SINGLE PULL UP BAR 1.25" dia	Each	\$2,157.33
Fitness Equipment	TITAN 3/4 RACK w/storage - w/J-CUPS, 8 LONG PLATE STORAGE PEGS, pin/pipe SAFETY bars, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$3,296.00
Fitness Equipment	TITAN POWER RACK (rig style, 30" DEPTH) - w/ J-CUPS, pin/pipe SAFETY bars, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$2,213.33
Fitness Equipment	TITAN POWER RACK - w/J-CUPS, pin/pipe SAFETY bars, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$2,589.33
Fitness Equipment	TITAN POWER RACK w/storage - w/J-CUPS, 8 LONG PLATE STORAGE PEGS, pin/pipe SAFETY bars, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$3,512.00
Fitness Equipment	TITAN DOUBLE HALF RACK - w/J-CUPS, SAFETY ARMS, 8 LONG PLATE STORAGE PEGS, TWO SINGLE PULL UP BARS 1.25" dia	Each	\$3,816.00
Fitness Equipment	TITAN HALF RACK / HALF RACK combo, annex storage system - w/J-CUPS, SAFETY ARMS, 8 LONG PLATE STORAGE PEGS	Each	\$6,730.67
Fitness Equipment	TITAN HALF RACK / power RACK combo, annex storage system - w/J-CUPS, SAFETY ARMS, pin/pipe SAFETY bars, 8 LONG PLATE STORAGE PEGS	Each	\$7,810.67
Fitness Equipment	ULTRA PRO COLLEGIATE RACK - QUAD BAR STORAGE, VARIABLE GRIP CHIN BAR, w/ 12 LONG PLATE STORAGE PEG	Each	\$3,970.67
Fitness Equipment	ULTRA PRO HALF RACK, DYNAMIC - QUAD BAR STORAGE, VARIABLE GRIP CHIN BAR, DUAL LOWER RECEPTICLES, w/ 12 LONG PLATE STORAGE PEGS - DYNAMIC LOGO WRAP *See Sales for Custom Logo Wrap	Each	\$4,370.67
Fitness Equipment	ULTRA PRO HALF RACK, DYNAMIC (SUMO BASE) - QUAD BAR STORAGE, VARIABLE GRIP CHIN BAR, DUAL LOWER RECEPTICLES, w/ 12 LONG PLATE STORAGE PEGS - DYNAMIC LOGO WRAP *See Sales for Custom Logo Wrap	Each	\$4,392.00
Fitness Equipment	ULTRA PRO POWER RACK, DYNAMIC - QUAD BAR STORAGE, VARIABLE GRIP CHIN BAR, DUAL LOWER RECEPTICLES, w/ 12 LONG PLATE STORAGE PEGS - DYNAMIC LOGO WRAP *See Sales for Custom Logo Wrap	Each	\$6,034.67
Fitness Equipment	ULTRA PRO POWER RACK, DYNAMIC (SUMO BASE) - QUAD BAR STORAGE, VARIABLE GRIP CHIN BAR, DUAL LOWER RECEPTICLES, w/ 12 LONG PLATE STORAGE PEGS - DYNAMIC LOGO WRAP *See Sales for Custom Logo Wrap	Each	\$6,058.67



## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	ULTRA PRO DOUBLE HALF RACK, SINGLE storage POST, DYNAMIC - QUAD BAR STORAGE, VARIABLE GRIP CHIN BAR, DUAL LOWER RECEPTICLES, SINGLE STORAGE POST, w/ 12 LONG PLATE STORAGE PEGS - DYNAMIC LOGO WRAP *See Sales for Custom Logo	Each	\$6,661.33
Fitness Equipment	ULTRA PRO DOUBLE HALF RACK, SINGLE storage POST, DYNAMIC (SUMO BASE) - QUAD BAR STORAGE, VARIABLE GRIP CHIN BAR, DUAL LOWER RECEPTICLES, SINGLE STORAGE POST, w/ 12 LONG PLATE STORAGE PEGS - DYNAMIC LOGO WRAP *See Sales for Custom Logo	Each	\$6,709.33
Fitness Equipment	ULTRA PRO DOUBLE HALF RACK, dual storage POST, DYNAMIC - QUAD BAR STORAGE, VARIABLE GRIP CHIN BAR, DUAL LOWER RECEPTICLES, DOUBLE STORAGE POST, w/ 24 LONG PLATE STORAGE PEGS - DYNAMIC LOGO WRAP *See Sales for Custom Logo	Each	\$8,920.00
Fitness Equipment	ULTRA PRO DOUBLE HALF RACK, dual storage POST, DYNAMIC (SUMO BASE) - QUAD BAR STORAGE, VARIABLE GRIP CHIN BAR, DUAL LOWER RECEPTICLES, DOUBLE STORAGE POST, w/ 24 LONG PLATE STORAGE PEGS - DYNAMIC LOGO WRAP *See Sales for Custom Logo	Each	\$8,962.67
Fitness Equipment	ULTRA PRO POWER / HALF RACK, dual storage POST, DYNAMIC - DUAL VARIABLE GRIP CHIN BARS, QUAD LOWER RECEPTICLES, DOUBLE STORAGE POST, w/ 24 LONG PLATE STORAGE PEGS - DYNAMIC LOGO WRAP *See Sales for Custom Logo Wrap	Each	\$10,184.00
Fitness Equipment	Varsity - Open Rack 8'	Each	\$3,373.33
Fitness Equipment	Varsity - Half Rack 8'	Each	\$3,208.33
Fitness Equipment	Varsity - Half Rack 7'	Each	\$2,958.33
Fitness Equipment	Varsity - Power Rack 8'	Each	\$3,791.67
Fitness Equipment	Varsity - Double Half Rack 8'	Each	\$4,958.33
Fitness Equipment	8 Series Recumbent Bike W/LCD	Each	\$4,545.00
Fitness Equipment	8 Series Recumbent Bike W/10"	Each	\$5,665.00
Fitness Equipment	8 Series Recumbent Bike W/15" ATSC EMBEDD	Each	\$7,345.00
Fitness Equipment	8 Series Recumbent Bike W/15" STB READY EMBEDD IPTV	Each	\$7,928.33
Fitness Equipment	S-RBx Recumbent Bike	Each	\$3,378.33
Fitness Equipment	TITAN ACCESSORY HOOK CROSSBAR, 24" - (Accessory hooks not included)	Each	\$157.33
Fitness Equipment	TITAN ACCESSORY HOOK CROSSBAR, 43" - (Accessory hooks not included)	Each	\$162.67
Fitness Equipment	TITAN ACCESSORY SHACKLE w/CARABINER	Each	\$96.00
Fitness Equipment	TITAN BALL TARGET, 16" DIAMETER	Each	\$160.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	TITAN BALL TARGET, 16" DIAMETER w/logo	Each	\$234.67
Fitness Equipment	TITAN BALL TARGET, 22" DIAMETER	Each	\$202.67
Fitness Equipment	TITAN BALL TARGET, 22" DIAMETER w/logo	Each	\$226.67
Fitness Equipment	TITAN BAR STORAGE CUP - SINGLE BAR	Each	\$96.00
Fitness Equipment	TITAN CANTILEVER ARM - (Accessory shackle 409032 not included)	Each	\$360.00
Fitness Equipment	TITAN CHIN BAR (Requires XD Xmember)	Each	\$165.33
Fitness Equipment	TITAN D-HANDLE / ROPE ANCHOR	Each	\$82.67
Fitness Equipment	TITAN DIP STATION w/ LOCK PIN	Each	\$344.00
Fitness Equipment	TITAN FLYING PULL UP, 4' WIDTH	Each	\$749.33
Fitness Equipment	TITAN FLYING PULL UP, 6' WIDTH	Each	\$906.67
Fitness Equipment	TITAN GLUTE HAM DEVELOPER, SINGLE PAD	Each	\$1,946.67
Fitness Equipment	TITAN GLUTE HAM DEVELOPER, SPLIT PAD	Each	\$1,989.33
Fitness Equipment	TITAN JAMMER ARMS	Each	\$557.33
Fitness Equipment	TITAN J-CUPS (PAIR)	Each	\$184.00
Fitness Equipment	TITAN LANDMINE, DOUBLE KNUCKLE, w/ PIN	Each	\$248.00
Fitness Equipment	TITAN LANDMINE, SINGLE KNUCKLE	Each	\$136.00
Fitness Equipment	TITAN MATING BOLT 1" DIA w/2 ALLEN WRENCHES	Each	\$16.00
Fitness Equipment	TITAN MULTIGRIP CROSSBAR, 4' WIDTH	Each	\$218.67
Fitness Equipment	TITAN MULTIGRIP CROSSBAR, 6' WIDTH	Each	\$296.00
Fitness Equipment	TITAN PLYO STEP w/ lock PIN	Each	\$349.33
Fitness Equipment	TITAN PULL-UP BALL (Requires XD Xmember)	Each	\$125.33
Fitness Equipment	TITAN QUICK-CHANGE DIP STATION	Each	\$210.67
Fitness Equipment	TITAN QUICK-CHANGE PLYO STEP	Each	\$248.00
Fitness Equipment	TITAN removable D-RING ROPE ANCHOR	Each	\$165.33
Fitness Equipment	TITAN SAFETY ARMS (PAIR)	Each	\$344.00
Fitness Equipment	TITAN SAFETY BARS XD, 43" WIDTH (PAIR)	Each	\$458.67
Fitness Equipment	TITAN SAFETY BARS XD, 70" WIDTH (PAIR)	Each	\$621.33
Fitness Equipment	TITAN TAPERED PLATE STORAGE PEG, single	Each	\$88.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	TITAN TECHNIQUE TRAYS (PAIR)	Each	\$720.00
Fitness Equipment	TITAN 3x3 UPRIGHT - 3' EXTENSION	Each	\$277.33
Fitness Equipment	TITAN 3x3 UPRIGHT - 7'6" TALL	Each	\$330.67
Fitness Equipment	TITAN 3x3 UPRIGHT - 8'4" TALL	Each	\$330.67
Fitness Equipment	TITAN 3x3 UPRIGHT - 9' TALL	Each	\$330.67
Fitness Equipment	TITAN 3x3 UPRIGHT - 12' TALL	Each	\$448.00
Fitness Equipment	TITAN XMEMBER - DOUBLE BAR, 4' WIDTH, SINGLE WALL	Each	\$218.67
Fitness Equipment	TITAN XMEMBER - DOUBLE BAR, 4' WIDTH, SINGLE WALL w/LASER-CUT LOGO	Each	\$285.33
Fitness Equipment	TITAN XMEMBER - DOUBLE BAR, 6' WIDTH, SINGLE WALL	Each	\$264.00
Fitness Equipment	TITAN XMEMBER - DOUBLE BAR, 6' WIDTH, SINGLE WALL w/LASER-CUT LOGO	Each	\$424.00
Fitness Equipment	TITAN XMEMBER - DOUBLE BAR, 60" WIDTH, solid	Each	\$208.00
Fitness Equipment	TITAN XMEMBER - MONKEY BAR, SINGLE, 4' WIDTH	Each	\$138.67
Fitness Equipment	TITAN XMEMBER - MONKEY BAR, SINGLE, 6' WIDTH	Each	\$170.67
Fitness Equipment	TITAN XMEMBER - MONKEY BAR, SINGLE, SOLID, 6' WIDTH	Each	\$229.33
Fitness Equipment	TITAN XMEMBER - PULL-UP BAR, SINGLE 2" TOUGH, 4' WIDTH	Each	\$141.33
Fitness Equipment	TITAN XMEMBER - PULL-UP BAR, SINGLE 2" TOUGH, 6' WIDTH	Each	\$186.67
Fitness Equipment	TITAN XMEMBER - PULL-UP BAR, SINGLE, ANGLED FOR CORNER USE	Each	\$133.33
Fitness Equipment	TITAN XMEMBER - SINGLE BAR, 4' WIDTH, SINGLE WALL	Each	\$154.67
Fitness Equipment	TITAN XMEMBER - SINGLE BAR, 6' WIDTH, SINGLE WALL	Each	\$229.33
Fitness Equipment	TITAN XMEMBER - SINGLE BAR, 6' WIDTH, SOLID	Each	\$250.67
Fitness Equipment	TITAN XMEMBER - TRI BAR PULL-UP, 4' WIDTH, SINGLE WALL	Each	\$280.00
Fitness Equipment	TITAN XMEMBER - TRI BAR PULL-UP, 4' WIDTH, SINGLE WALL w/ MATING BOLTS	Each	\$280.00
Fitness Equipment	TITAN XMEMBER - TRI BAR PULL-UP, 6' WIDTH, SINGLE WALL	Each	\$416.00
Fitness Equipment	TITAN XMEMBER - XD DOUBLE w/LASER-CUT LOGO, 6' WIDTH	Each	\$474.67
Fitness Equipment	TITAN XMEMBER - XD DOUBLE, 4' WIDTH	Each	\$261.33
Fitness Equipment	TITAN XMEMBER - XD DOUBLE, 6' WIDTH	Each	\$333.33
Fitness Equipment	TITAN XMEMBER - XD DOUBLE, INCLINE, 4' WIDTH	Each	\$357.33
Fitness Equipment	TITAN XMEMBER - XD DOUBLE, INCLINE, 6' WIDTH	Each	\$421.33
Fitness Equipment	TITAN XMEMBER - XD SINGLE, 2' WIDTH	Each	\$152.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	TITAN XMEMBER - XD SINGLE, 20" WIDTH	Each	\$133.33
Fitness Equipment	TITAN XMEMBER - XD SINGLE, 4' LENGTH	Each	\$184.00
Fitness Equipment	TITAN XMEMBER - XD SINGLE, 6' LENGTH	Each	\$264.00
Fitness Equipment	TITAN SKID PLATE - 4' LENGTH - RIGS only	Each	\$397.33
Fitness Equipment	TITAN SKID PLATE - 6' LENGTH - RIGS only	Each	\$402.67
Fitness Equipment	Rower-02	Each	\$2,708.33
Fitness Equipment	Aura- Shoulder Press	Each	\$4,583.33
Fitness Equipment	Aura- Converging Shoulder	Each	\$4,833.33
Fitness Equipment	Aura- Lateral Raise	Each	\$4,583.33
Fitness Equipment	Aura- Rear Delt/Fly	Each	\$5,250.00
Fitness Equipment	Ultra- Converging Shoulder	Each	\$5,708.33
Fitness Equipment	Ultra- Lateral Raise	Each	\$5,416.67
Fitness Equipment	Versa- Converging Shoulder	Each	\$4,166.67
Fitness Equipment	Varsity- Leg Extension	Each	\$4,708.33
Fitness Equipment	Varsity- Prone Leg Curl	Each	\$4,666.67
Fitness Equipment	Varsity- Seated Leg Curl	Each	\$4,875.00
Fitness Equipment	Varsity- Biceps Curl	Each	\$4,375.00
Fitness Equipment	Varsity- Triceps Extension	Each	\$4,375.00
Fitness Equipment	Varsity- Shoulder Press	Each	\$4,708.33
Fitness Equipment	Varsity- Seated Row	Each	\$4,708.33
Fitness Equipment	Varsity- Lat Pulldown	Each	\$4,583.33
Fitness Equipment	Varsity- Chest Press	Each	\$4,875.00
Fitness Equipment	HEAD & NECK ISOLATOR™	Each	\$5,320.00
Fitness Equipment	EDGE OLYMPIC BENCH w/ 3-POSITION CHROME HOOK PLATES, 6 STORAGE PEGS, PAD 17" H x 11.5" W	Each	\$1,776.00
Fitness Equipment	EDGE 45° HYPER	Each	\$1,274.67
Fitness Equipment	EDGE PREACHER CURL	Each	\$1,498.67
Fitness Equipment	EDGE VKR VERTICAL KNEE RAISE/DIP	Each	\$1,568.00
Fitness Equipment	Cable stack CROSSOVER training unit - (2) 200LB STACKs	Each	\$7,408.00

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Cable stack LAT/LOW row combo (standalone) - 300LB STACK	Each	\$4,861.33
Fitness Equipment	Cable stack LAT/LOW ROW COMBO (RACK MOUNT) - 300LB STACK	Each	\$5,077.33
Fitness Equipment	Cable stack HI/LOW training unit - STAND ALONE - 150LB STACK	Each	\$3,853.33
Fitness Equipment	Cable stack attachment - FOOT PLATE	Each	\$133.33
Fitness Equipment	Cable stack attachment - BAR STORAGE	Each	\$74.67
Fitness Equipment	45° LEG PRESS w/ locking arms, adjustable back rest, plate storage	Each	\$5,525.33
Fitness Equipment	Magnum- Wheelchair Seat	Each	\$591.67
Fitness Equipment	Magnum- Crossover Bar w/ Chin Handles	Each	\$333.33
Fitness Equipment	Magnum- Free-standing Accessory Rack (Ridge Black Color Only)	Each	\$908.33
Fitness Equipment	Stepper S7XI	Each	\$9,958.33
Fitness Equipment	Stepper S5X	Each	\$5,291.67
Fitness Equipment	Stepper S3X	Each	\$4,791.67
Fitness Equipment	ACCELL STORAGE - 2 TIER KETTLEBELL RACK, 60" WIDTH	Each	\$512.00
Fitness Equipment	ACCELL STORAGE - 3 TIER DUMBBELL RACK, 60" WIDTH	Each	\$890.67
Fitness Equipment	ACCELL STORAGE - MAT RACK, 48" HEIGHT w/ CASTERS	Each	\$584.00
Fitness Equipment	ACCELL STORAGE - MAT RACK, 72" HEIGHT w/ CASTERS	Each	\$653.33
Fitness Equipment	ACCELL STORAGE - MEDICINE BALL RACK, VERTICAL (4-BALL)	Each	\$240.00
Fitness Equipment	EDGE STORAGE - 2-TIER HEX DUMBBELL RACK, 8'4"	Each	\$1,088.00
Fitness Equipment	EDGE STORAGE - 3-TIER HEX DUMBBELL RACK, 8'4"	Each	\$1,600.00
Fitness Equipment	EDGE STORAGE - 2-TIER PRO STYLE DUMBBELL RACK, 12-PAIR	Each	\$1,117.33
Fitness Equipment	EDGE STORAGE - 3-TIER PRO STYLE DUMBBELL RACK, 18-PAIR	Each	\$1,784.00
Fitness Equipment	KIT, TABLET HOLDER, TREAD, G2	Each	\$170.00
Fitness Equipment	KIT, TABLET HOLDER, BCS, G2	Each	\$170.00
Fitness Equipment	WOOD PLYO BOX, 3-IN-1	Each	\$200.00
Fitness Equipment	ACCELL PLYO BOX - 6" - STANDARD	Each	\$226.67
Fitness Equipment	ACCELL PLYO BOX - 12" - STANDARD	Each	\$261.33
Fitness Equipment	ACCELL PLYO BOX - 18" - STANDARD	Each	\$298.67
Fitness Equipment	ACCELL PLYO BOX - 24" - STANDARD	Each	\$330.67
Fitness Equipment	ACCELL PLYO BOX - 30" - STANDARD	Each	\$346.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	ACCELL PLYO BOX - 36" - STANDARD	Each	\$394.67
Fitness Equipment	ACCELL PLYO BOX - 42" - STANDARD	Each	\$410.67
Fitness Equipment	ACCELL PLYO BOX STARTER SET - 12", 18", 24", 30"	Each	\$1,186.67
Fitness Equipment	ACCELL PLYO BOX INTERMEDIATE SET - 12", 18", 24", 30", 36"	Each	\$1,522.67
Fitness Equipment	ACCELL PLYO BOX ADVANCED SET - 12", 18", 24" 30", 36", 42"	Each	\$1,914.67
Fitness Equipment	ACCELL PLYO BOX w/ KICK PANEL SET - 12", 18", 24", 30", 36"	Each	\$1,682.67
Fitness Equipment	ACCELL SLED - COMPACT POWER , DOUBLE HOOK w/ SKIS	Each	\$461.33
Fitness Equipment	ACCELL SLED - COMPACT POWER, SINGLE HOOK	Each	\$378.67
Fitness Equipment	ACCELL SLED - HI-LO TRAINING w/ ADJUSTABLE HANDLE	Each	\$608.00
Fitness Equipment	ACCELL SLED - HI-LO TRAINING w/ FIXED HANDLE	Each	\$629.33
Fitness Equipment	ACCELL SLED - POWER	Each	\$794.67
Fitness Equipment	ACCELL SLED - POWER w/ REMOVABLE HARD SURFACE FEET	Each	\$906.67
Fitness Equipment	POWER POST TALL - TALL WALL TRAINER OR ATTACHMENT STORAGE, 3"x3"x108" (Mounting hardware not included)	Each	\$480.00
Fitness Equipment	POWER POST SHORT - ATTACHMENT STORAGE OR SHORT WALL TRAINER, 3"x3"x72" (Mounting hardware not included)	Each	\$373.33
Fitness Equipment	POWER POST ATTACHMENT - CHIN UP BAR w/ LOCK PIN	Each	\$277.33
Fitness Equipment	POWER POST ATTACHMENT - 16" BALL TARGET, ADJUSTABLE w/ LOCK PINS	Each	\$304.00
Fitness Equipment	POWER POST ATTACHMENT - CANTILEVER ARM, ADJUSTABLE w/ LOCK PINS	Each	\$370.67
Fitness Equipment	POWER POST ATTACHMENT - D-HANDLE / ROPE ANCHOR, ADJUSTABLE w/ LOCK PIN	Each	\$168.00
Fitness Equipment	POWER POST ATTACHMENT - DIP STATION w/LOCK PIN	Each	\$210.67
Fitness Equipment	POWER POST ATTACHMENT - PLYO STEP w/ LOCK PIN	Each	\$248.00
Fitness Equipment	ACCELL STATION - LANDMINE w/ STAND ALONE BASE	Each	\$296.00
Fitness Equipment	ACCELL STATION - ADJUSTABLE SQUAT BOX	Each	\$432.00
Fitness Equipment	ACCELL STATION - TRI CHIN BAR, 96" WIDTH, 17.5" DEPTH, WALL-MOUNTED (Mounting hardware not included)	Each	\$613.33
Fitness Equipment	ACCELL STATION - SINGLE CHIN BAR, 4' WIDTH, 26" DEPTH, WALL-MOUNTED (Mounting hardware not included)	Each	\$352.00
Fitness Equipment	ACCELL PULLING BLOCK - SMALL, 12"x9"x6" (PAIR)	Each	\$522.67
Fitness Equipment	ACCELL PULLING BLOCK- 20"x16"x12" (PAIR)	Each	\$992.00
Fitness Equipment	8 Series TreadClimber 110V, W/LCD	Each	\$13,995.00
Fitness Equipment	8 Series TreadClimber 110V, W/10"	Each	\$15,161.67
Fitness Equipment	8 Series TreadClimber 110V, W/15" ATSC EMBEDD	Each	\$16,911.67

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	8 Series TreadClimber 110V, W/15" STB READY EMBEDD IPTV	Each	\$17,495.00
Fitness Equipment	E-TC TreadClimber	Each	\$13,995.00
Fitness Equipment	E-TCi TreadClimber w/ PVS	Each	\$15,745.00
Fitness Equipment	8 Series TR Treadmill 110V, W/LCD	Each	\$9,211.67
Fitness Equipment	8 Series TRx Treadmill 110V, W/LCD QUICK KEYS	Each	\$10,378.33
Fitness Equipment	8 Series TR Treadmill 110V, W/10"	Each	\$10,378.33
Fitness Equipment	8 Series TRx Treadmill 110V, W/10"	Each	\$11,545.00
Fitness Equipment	8 Series TRx Treadmill 110V, W/15" ATSC EMBEDD	Each	\$13,295.00
Fitness Equipment	8 Series TRx Treadmill 110V, W/15" STB READY EMBEDD IPTV	Each	\$13,878.33
Fitness Equipment	S-TRx Treadmill	Each	\$7,695.00
Fitness Equipment	S-TRc Treadmill	Each	\$8,161.67
Fitness Equipment	HIIT Mill	Each	\$4,661.67
Fitness Equipment	HIIT Mill X	Each	\$5,828.33
Fitness Equipment	Treadmill T7XI	Each	\$13,458.33
Fitness Equipment	Treadmill T5X	Each	\$9,458.33
Fitness Equipment	Treadmill T3X	Each	\$6,958.33
Fitness Equipment	8 Series Upright Bike W/LCD	Each	\$4,195.00
Fitness Equipment	8 Series Upright Bike W/10"	Each	\$5,315.00
Fitness Equipment	8 Series Upright Bike W/15" ATSC EMBEDD	Each	\$6,995.00
Fitness Equipment	8 Series Upright Bike W/15" STB READY EMBEDD IPTV	Each	\$7,578.33
Fitness Equipment	S-UBx Upright Bike	Each	\$3,028.33
Fitness Equipment	8 Series VersaStrider W/LCD	Each	\$9,095.00
Fitness Equipment	8 Series VersaStrider W/10"	Each	\$10,238.33
Fitness Equipment	8 Series VersaStrider W/15" ATSC EMBEDD	Each	\$11,895.00
Fitness Equipment	8 Series VersaStrider W/15" STB READY EMBEDD IPTV	Each	\$12,478.33
Fitness Equipment	Novice Speed Bag SB-4	Each	\$161.25
Fitness Equipment	Intermediate Speed Bag Chrome SB-8	Each	\$173.75
Fitness Equipment	Intermediate Speed Bag Green SB-8	Each	\$173.75

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Professional Speed Bag Chrome	Each	\$186.25
Fitness Equipment	The Universal Barbell	Each	\$248.75
Fitness Equipment	Olympic Adapter Kit	Each	\$63.75
Fitness Equipment	Crosscore system	Each	\$266.33
Fitness Equipment	95T Discover SE3	Each	\$14,360.00
Fitness Equipment	95X Discover SE3	Each	\$11,703.33
Fitness Equipment	95R Discover SE3	Each	\$9,471.67
Fitness Equipment	95C Discover SE3	Each	\$8,893.33
Fitness Equipment	95P Discover SE3	Each	\$16,440.00
Fitness Equipment	95T Discover SI	Each	\$11,396.67
Fitness Equipment	95X Discover SI	Each	\$8,438.33
Fitness Equipment	95R Discover SI	Each	\$6,236.67
Fitness Equipment	95C Discover SI	Each	\$5,646.67
Fitness Equipment	95P Discover SI	Each	\$14,205.00
Fitness Equipment	95T Explore Console	Each	\$10,136.67
Fitness Equipment	95X Explore Console	Each	\$7,955.00
Fitness Equipment	95R Explore Console	Each	\$5,838.33
Fitness Equipment	95C Explore Console	Each	\$5,260.38
Fitness Equipment	95P Explore Console	Each	\$13,725.25
Fitness Equipment	Integrity DX Treadmill	Each	\$10,907.00
Fitness Equipment	Integrity SX Treadmill	Each	\$10,522.05
Fitness Equipment	Integrity SC Treadmill	Each	\$9,110.38
Fitness Equipment	Integrity DX Cross-Trainer	Each	\$7,313.72
Fitness Equipment	Integrity SX Cross-Trainer	Each	\$6,928.72
Fitness Equipment	Integrity SC Cross-Trainer	Each	\$6,351.22
Fitness Equipment	Integrity DX Recumbent Bike	Each	\$5,517.05
Fitness Equipment	Integrity SX Recumbent Bike	Each	\$5,132.05
Fitness Equipment	Integrity SC Recumbent Bike	Each	\$4,554.55



## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Integrity DX Upright Bike	Each	\$5,196.22
Fitness Equipment	Integrity SX Upright Bike	Each	\$4,811.22
Fitness Equipment	Integrity SC Upright Bike	Each	\$4,233.72
Fitness Equipment	Activate Series Treadmill	Each	\$7,250.83
Fitness Equipment	Activate Series Elliptical Cross-Trainer	Each	\$5,621.00
Fitness Equipment	Activate Series Recumbent	Each	\$3,482.97
Fitness Equipment	Activate Series Upright	Each	\$3,348.22
Fitness Equipment	Signature Series MJ5	Each	\$14,059.67
Fitness Equipment	Signature Series MJ8	Each	\$26,072.20
Fitness Equipment	Signature Series MJ12	Each	\$38,149.65
Fitness Equipment	Chest Press	Each	\$4,483.97
Fitness Equipment	Shoulder Press	Each	\$4,349.22
Fitness Equipment	Lateral Raise	Each	\$4,483.97
Fitness Equipment	Row	Each	\$4,483.97
Fitness Equipment	Lat Pulldown	Each	\$3,675.47
Fitness Equipment	Biceps Curl	Each	\$4,078.97
Fitness Equipment	Triceps Extension	Each	\$4,078.97
Fitness Equipment	Pectoral Fly / Rear Deltoid	Each	\$4,483.97
Fitness Equipment	Pectoral Fly	Each	\$4,483.97
Fitness Equipment	Assist Dip / Chin	Each	\$5,311.72
Fitness Equipment	Fixed Pulldown	Each	\$4,349.22
Fitness Equipment	Hip & Glute	Each	\$5,311.72
Fitness Equipment	Hip Abduction	Each	\$4,636.80
Fitness Equipment	Hip Adduction	Each	\$4,636.80
Fitness Equipment	Seated Leg Curl	Each	\$4,907.13
Fitness Equipment	Seated Leg Press	Each	\$7,634.55
Fitness Equipment	Leg Extension	Each	\$4,636.80
Fitness Equipment	Leg Curl	Each	\$4,349.22

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Horizontal Calf	Each	\$4,349.22
Fitness Equipment	Standing Calf	Each	\$4,483.97
Fitness Equipment	Abdominal Crunch	Each	\$4,636.80
Fitness Equipment	Back Extension	Each	\$4,636.80
Fitness Equipment	MTS Chest Press	Each	\$5,927.72
Fitness Equipment	MTS Incline Press	Each	\$5,927.72
Fitness Equipment	MTS Decline Press	Each	\$5,953.38
Fitness Equipment	MTS Shoulder Press	Each	\$5,927.72
Fitness Equipment	MTS Row	Each	\$5,927.72
Fitness Equipment	MTS High Row	Each	\$5,927.72
Fitness Equipment	MTS Front Pulldown	Each	\$5,927.72
Fitness Equipment	MTS Biceps Curl	Each	\$5,927.72
Fitness Equipment	MTS Triceps Extension	Each	\$5,927.72
Fitness Equipment	MTS V-Squat	Each	\$7,827.05
Fitness Equipment	MTS Leg Extension	Each	\$6,107.38
Fitness Equipment	MTS Kneeling Leg Curl	Each	\$5,927.72
Fitness Equipment	MTS Abdominal Crunch	Each	\$5,696.72
Fitness Equipment	Iso-Lateral Bench Press (Vertical)	Each	\$2,807.63
Fitness Equipment	Iso-Lateral Horizontal Bench Press	Each	\$2,270.22
Fitness Equipment	Iso-Lateral Wide Chest	Each	\$2,807.63
Fitness Equipment	Iso-Lateral Wide Pulldown	Each	\$2,807.63
Fitness Equipment	Iso-Lateral Incline Press (Horizontal)	Each	\$2,807.63
Fitness Equipment	Iso-Lateral Decline Press	Each	\$2,807.63
Fitness Equipment	Iso-Lateral Super Incline Press	Each	\$2,807.63
Fitness Equipment	Iso-Lateral Shoulder Press	Each	\$2,899.05
Fitness Equipment	Iso-Lateral Chest/Back	Each	\$3,425.22
Fitness Equipment	Iso-Lateral Front Lat Pulldown	Each	\$2,807.63
Fitness Equipment	Iso-Lateral High Row	Each	\$2,807.63

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Iso-Lateral DY Row	Each	\$2,899.05
Fitness Equipment	Iso-Lateral Low Row	Each	\$2,807.63
Fitness Equipment	Iso-Lateral Rowing	Each	\$2,488.38
Fitness Equipment	Seated Bicep	Each	\$2,337.22
Fitness Equipment	Seated Dip	Each	\$2,668.05
Fitness Equipment	Seated/Standing Shrug	Each	\$1,872.38
Fitness Equipment	Pullover	Each	\$3,130.05
Fitness Equipment	4-Way Neck	Each	\$1,718.38
Fitness Equipment	Gripper	Each	\$775.13
Fitness Equipment	Abdomiunal / Oblique Crunch	Each	\$3,309.72
Fitness Equipment	V-Squat	Each	\$4,195.22
Fitness Equipment	Linear Hack Press	Each	\$3,964.22
Fitness Equipment	Leg Press	Each	\$3,598.47
Fitness Equipment	Iso-Lateral Leg Press	Each	\$3,906.47
Fitness Equipment	Linear Leg Press	Each	\$5,517.05
Fitness Equipment	Iso-Lateral Leg Extension	Each	\$2,655.22
Fitness Equipment	Iso-Lateral Kneeling Leg Curl	Each	\$2,963.22
Fitness Equipment	Leg Extension	Each	\$2,488.38
Fitness Equipment	Iso-Lateral Leg Curl	Each	\$2,488.38
Fitness Equipment	Seated Leg Curl	Each	\$2,655.22
Fitness Equipment	Super Horizontal Calf	Each	\$2,488.38
Fitness Equipment	Seated Calf Raise	Each	\$1,564.38
Fitness Equipment	Tibia Dorsi Flexion	Each	\$627.55
Fitness Equipment	Hammer Strength Smith Machine	Each	\$5,132.05
Fitness Equipment	Ground Base Jammer	Each	\$2,360.05
Fitness Equipment	Ground Base Squat Lunge	Each	\$1,718.38
Fitness Equipment	Ground Base Squat/High Pull	Each	\$2,026.38
Fitness Equipment	Ground Base Twist-Left	Each	\$2,347.22

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Ground Base Twist-Right	Each	\$2,348.05
Fitness Equipment	Ground Base Combo Incline	Each	\$2,488.38
Fitness Equipment	Ground Base Combo Decline	Each	\$2,807.63
Fitness Equipment	Ground Base Combo Twist	Each	\$2,655.22
Fitness Equipment	Leg Raise	Each	\$1,654.17
Fitness Equipment	Back Extension	Each	\$1,538.72
Fitness Equipment	Ab Crunch Bench	Each	\$1,795.75
Fitness Equipment	Smith Machine	Each	\$5,337.38
Fitness Equipment	Arm Curl Bench	Each	\$1,307.72
Fitness Equipment	Chin/Dip/Leg Raise	Each	\$1,923.72
Fitness Equipment	Single Tier Dumbbell Rack	Each	\$1,153.72
Fitness Equipment	Two Tier Dumbbell Rack	Each	\$1,320.55
Fitness Equipment	Flat Bench	Each	\$576.22
Fitness Equipment	Olympic Bench Weight Storage	Each	\$614.72
Fitness Equipment	Olympic Flat Bench	Each	\$1,307.72
Fitness Equipment	Olympic Weight Tree	Each	\$589.05
Fitness Equipment	Utility Bench	Each	\$666.05
Fitness Equipment	Barbell Rack	Each	\$1,153.72
Fitness Equipment	Handle Rack	Each	\$986.88
Fitness Equipment	Multi-Adjustable Bench	Each	\$1,474.55
Fitness Equipment	Olympic Decline Bench	Each	\$1,564.38
Fitness Equipment	Olympic Incline Bench	Each	\$1,397.55
Fitness Equipment	Olympic Squat Rack	Each	\$1,975.05
Fitness Equipment	Olympic Squat Rack	Each	\$2,064.88
Fitness Equipment	Adjustable Decline/Abdominal Crunch	Each	\$1,193.50
Fitness Equipment	Adjustable Bench	Each	\$1,128.05
Fitness Equipment	3 Tier Dumbbell Rack	Each	\$1,128.05
Fitness Equipment	Vertical Dumbbell Rack	Each	\$563.38

## UNIT PRICE SCHEDULES

<b>FITNESS EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Fitness Equipment	Smith Machine	Each	\$3,482.97
Fitness Equipment	Barbell Rack	Each	\$1,089.55
Fitness Equipment	Dumbbell Rack - Single Tier	Each	\$1,025.38
Fitness Equipment	Dumbbell Rack - Two Tier	Each	\$1,179.38
Fitness Equipment	Dumbbell Rack - Three Tier	Each	\$1,474.55
Fitness Equipment	Deluxe Weight Tree	Each	\$537.72
Fitness Equipment	Multi-Adjustable Bench	Each	\$1,320.55
Fitness Equipment	Decline Bench	Each	\$807.22
Fitness Equipment	Flat Bench	Each	\$460.72
Fitness Equipment	Utility Bench -75	Each	\$563.38
Fitness Equipment	Seated Arm Curl	Each	\$1,217.88
Fitness Equipment	Olympic Flat Bench	Each	\$1,076.72
Fitness Equipment	Olympic Incline Bench	Each	\$1,282.05
Fitness Equipment	Olympic Decline Bench	Each	\$1,346.22
Fitness Equipment	Olympic Military Bench	Each	\$1,705.55
Fitness Equipment	Olympic Squat Rack (w/12 Weight Horns)	Each	\$1,859.55
Fitness Equipment	Olympic Bench Weight Storage (4 Wt. Horns)	Each	\$512.05
Fitness Equipment	BW Back Extension	Each	\$1,129.33
Fitness Equipment	Glute/Ham Bench (Roller Pad)	Each	\$2,052.05
Fitness Equipment	Fixed Pad Glute/Ham	Each	\$1,923.72
Fitness Equipment	Chin/Dip/Leg Raise	Each	\$1,667.05
Fitness Equipment	Bumper Plate Storage - SMALL	Each	\$512.05
Fitness Equipment	Power Rack	Each	\$4,745.77
Fitness Equipment	Multi Rack	Each	\$4,104.10
Fitness Equipment	Half Rack - Long Base	Each	\$3,590.77
Fitness Equipment	PREMIER BOXING GLOVE	Each	\$31.25
Fitness Equipment	DELUXE BOXING GLOVE	Each	\$49.98
Fitness Equipment	6' SINGLE ENDED HEAVY BAG FILLED(USA)	Each	\$327.25

## UNIT PRICE SCHEDULES

FITNESS EQUIPMENT			
Product Description		UOM	Price
Fitness Equipment	6' TWO TONE SINGLE ENDED HEAVY BAG FILLED (USA)	Each	\$398.00
Fitness Equipment	CURVED CONTOURED FOCUS MITTS - PAIR	Each	\$89.97
Fitness Equipment	KICKFIT FOREARM SHIELD - EACH	Each	\$50.82
Fitness Equipment	MUAY THAI PADS - PAIR	Each	\$156.63
Fitness Equipment	COMBAT KICK SHIELD	Each	\$133.32
Fitness Equipment	DELUXE KICK SHIELD	Each	\$174.97
Fitness Equipment	LICORICE JUMP ROPE 10 FT	Each	\$11.80
Fitness Equipment	BALL BEARING JUMP ROPE 10 FT	Each	\$19.97
Fitness Equipment	LEATHER MEDICINE BALL	Each	\$0.00

## UNIT PRICE SCHEDULES

<b>INDOOR VOLLEYBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Indoor Volleyball	Ceiling Hung, Skymaster® One-Court Volleyball System	Each	Call for Quote
Indoor Volleyball	Ceiling Hung, Skymaster® One-Court Volleyball System with Referee Stand	Each	Call for Quote
Indoor Volleyball	Ceiling Hung, Skymaster® Two-Court Volleyball System	Each	Call for Quote
Indoor Volleyball	Ceiling Hung, Skymaster® Two-Court Volleyball System with Referee Stand	Each	Call for Quote
Indoor Volleyball	4" I.D. x 12" Deep Floor Sleeve	Each	Call for Quote
Indoor Volleyball	3-1/2" I.D. x 10" Deep Floor Sleeve	Each	Call for Quote
Indoor Volleyball	3" I.D. x 9" Deep Floor Sleeve	Each	Call for Quote
Indoor Volleyball	6 1/4" Outside, 5" Inside Diameter Swivel Cover Plate, Brass	Each	Call for Quote
Indoor Volleyball	6 1/4" Outside, 5" Inside Diameter Swivel Cover Plate, Chrome	Each	Call for Quote
Indoor Volleyball	6 1/4" Outside, 5" Inside Diameter Cover Plate, Brass	Each	Call for Quote
Indoor Volleyball	6 1/4" Outside, 5" Inside Diameter Cover Plate with Lock, Brass	Each	Call for Quote
Indoor Volleyball	6 1/4" Outside, 5" Inside Diameter Cover Plate, Chrome	Each	Call for Quote
Indoor Volleyball	6 1/4" Outside, 5" Inside Diameter Cover Plate with Lock, Chrome	Each	Call for Quote
Indoor Volleyball	8" Outside, 6 5/8" Inside Diameter Swivel Cover Plate, Brass	Each	Call for Quote
Indoor Volleyball	8" Outside, 6 5/8" Inside Diameter Swivel Cover Plate, Chrome	Each	Call for Quote
Indoor Volleyball	8" Outside, 6 5/8" Inside Diameter Cover Plate, Brass	Each	Call for Quote
Indoor Volleyball	8" Outside, 6 5/8" Inside Diameter Cover Plate with Lock, Brass	Each	Call for Quote
Indoor Volleyball	8" Outside, 6 5/8" Inside Diameter Cover Plate, Chrome	Each	Call for Quote
Indoor Volleyball	8" Outside, 6 5/8" Inside Diameter Cover Plate with Lock, Chrome	Each	Call for Quote
Indoor Volleyball	Style B Floor Anchor for Wood Floors Installed Directly Over Concrete	Each	Call for Quote
Indoor Volleyball	Style Bx Floor Anchor with Extended 3 1/4" Anchor for Wood Floors Installed Directly Over Concrete	Each	Call for Quote
Indoor Volleyball	Style C Floor Anchor for Concrete Or Synthetic Floors Installed Directly Over Concrete	Each	Call for Quote
Indoor Volleyball	Style E Floor Anchor for Floating Wood Floors Resting On Sleeper Or Metal Clip Fasteners	Each	Call for Quote
Indoor Volleyball	Above Floor End T-Base Sleeve 4"	Each	\$ 444.97
Indoor Volleyball	Above Floor End T-Base Sleeve 3-1/2"	Each	\$ 444.97
Indoor Volleyball	Above Floor End T-Base Sleeve 3"	Each	\$ 444.97
Indoor Volleyball	Above Floor End Base Sleeve Pad	Each	\$ 444.97

## UNIT PRICE SCHEDULES

<b>INDOOR VOLLEYBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Indoor Volleyball	Above Floor Center Base Sleeve 4"	Each	\$ 444.97
Indoor Volleyball	Above Floor Center Base Sleeve 3-1/2"	Each	\$ 444.97
Indoor Volleyball	Above Floor Center Base Sleeve 3"	Each	\$ 444.97
Indoor Volleyball	Above Floor Center Base Sleeve Pad	Each	\$ 444.97
Indoor Volleyball	Second Story Floor Adapter	Each	\$ 444.97
Indoor Volleyball	3" Custom Base Adapter	Each	\$ 267.46
Indoor Volleyball	3-1/2" Custom Base Adapter	Each	\$ 312.43
Indoor Volleyball	Special Custom Base Adapter	Each	\$ 312.43
Indoor Volleyball	Competition Volleyball Net for Use with GARED Net Guide™ Systems	Each	\$ 577.51
Indoor Volleyball	Extended Cable Competition Volleyball Net	Each	\$ 622.49
Indoor Volleyball	Custom Length Volleyball Net, Maximum Length Is 40'	Each	\$ 622.49
Indoor Volleyball	Net Cable Covers, Set Of Four	Set	\$ 44.97
Indoor Volleyball	Net Antenna and Sideline Marker Combo	Pair	\$ 177.51
Indoor Volleyball	Net Antennas Only	Pair	\$ 89.94
Indoor Volleyball	Sideline Markers Only	Pair	\$ 134.91
Indoor Volleyball	Custom Lettering, Horizontal Net Band	Each	\$ 444.97
Indoor Volleyball	Custom Lettering, Vertical Net Band	Pair	\$ 222.49
Indoor Volleyball	Volleyball Ratchet Winch	Each	\$ 234.32
Indoor Volleyball	Volleyball Ratchet Winch Handle	Each	\$ 66.27
Indoor Volleyball	Volleyball Upright Safety Pad, Specify Color	Each	\$ 400.00
Indoor Volleyball	Volleyball Center Upright Safety Pad, Specify Color	Each	\$ 444.97
Indoor Volleyball	Referee Stand	Each	\$ 710.06
Indoor Volleyball	Collapsible Referee Stand	Each	\$ 710.06
Indoor Volleyball	Referee Stand Safety Pad, Specify Color	Each	\$ 667.46
Indoor Volleyball	4-Tier Ball Rack, 16 Ball Capacity	Each	\$ 177.51
Indoor Volleyball	3-Tier Ball Rack, 12 Ball Capacity	Each	\$ 151.48
Indoor Volleyball	Volleyball Equipment Storage Cart	Each	\$ 932.54



## UNIT PRICE SCHEDULES

<b>INDOOR VOLLEYBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Indoor Volleyball	Vertical Upright Storage Bracket	Each	\$ 99.41
Indoor Volleyball	Horizontal Upright Storage Bracket	Set	\$ 151.48
Indoor Volleyball	Volleyball Upright Transporter, 4" O.D.	Each	\$ 267.46
Indoor Volleyball	Volleyball Upright Transporter, 3-1/2" O.D.	Each	\$ 267.46
Indoor Volleyball	Volleyball Upright Transporter, 3" O.D.	Each	\$ 267.46
Indoor Volleyball	Store-It, Single Net Storage Rack	Each	\$ 196.45
Indoor Volleyball	Super Store-It, Double Net Storage Rack	Each	\$ 241.42
Indoor Volleyball	Super Store-It, Triple Net Storage Rack	Each	\$ 293.49
Indoor Volleyball Equipment	Material – PVB-7000 Powerlite Volleyball System	Each	\$ 7,219.49
Indoor Volleyball Equipment	Material – PVB-5000 Featherlite Volleyball System*	Each	\$ 5,581.66
Indoor Volleyball Equipment	Material – PVB-1350 Multi-Purpose Aluminum Net System	Each	\$ 4,279.49
Indoor Volleyball Equipment	Material – PVB-75S Locking Brass Floorsleeves with Cover*	Each	\$ 896.33
Indoor Volleyball Equipment	Material – PVB-75S-CP Locking Chrome Floorsleeves with Cover	Each	\$ 896.33
Indoor Volleyball Equipment	Material – PVB-60P Volleyball Post Pad 6' High (Sold in Pairs)*	Each	\$ 1,039.55
Indoor Volleyball Equipment	Material – VRS-8000 "Mega Ref" Folding Referee Stand	Each	\$ 1,964.66
Indoor Volleyball Equipment	Material – VRS-6000 Folding Referee Stand*	Each	\$ 1,361.15
Indoor Volleyball Equipment	Material – VRS-3000 Adjustable Referee Stand	Each	\$ 1,433.33
Indoor Volleyball Equipment	Material – VRS-60P Referee Stand Pad for VRS6000 or VRS8000 Folding Referee Stand*	Each	\$ 715.53
Indoor Volleyball Equipment	Material – VRS-30P Referee Stand Pad for Adjustable Referee Stand	Each	\$ 621.72
Indoor Volleyball Equipment	Material – EC-1000 Deluxe Equipment Carrier (Holds 6 Poles)	Each	\$ 913.23
Indoor Volleyball Equipment	Material – PVBN-6 "Flex Net" 39"Wx32'L	Each	\$ 994.73
Indoor Volleyball Equipment	Material – VBA-80 Volleyball Antennae (Pair)	Each	\$ 271.02
Indoor Volleyball Floor Sleeves & Cover Plates	4" I.D. x 12" Deep Floor Sleeve	Each	\$ 151.48
Indoor Volleyball Floor Sleeves & Cover Plates	3-1/2" I.D. x 10" Deep Floor Sleeve	Each	\$ 151.48
Indoor Volleyball Floor Sleeves & Cover Plates	3" I.D. x 9" Deep Floor Sleeve	Each	\$ 151.48
Indoor Volleyball Floor Sleeves & Cover Plates	6 1/4" Outside, 5" Inside Diameter Swivel Cover Plate, Brass	Each	\$ 151.48
Indoor Volleyball Floor Sleeves & Cover Plates	6 1/4" Outside, 5" Inside Diameter Swivel Cover Plate, Chrome	Each	\$ 151.48

## UNIT PRICE SCHEDULES

<b>INDOOR VOLLEYBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Indoor Volleyball Floor Sleeves & Cover Plates	6 1/4" Outside, 5" Inside Diameter Cover Plate, Brass	Each	\$ 355.03
Indoor Volleyball Floor Sleeves & Cover Plates	6 1/4" Outside, 5" Inside Diameter Cover Plate with Lock, Brass	Each	\$ 355.03
Indoor Volleyball Floor Sleeves & Cover Plates	6 1/4" Outside, 5" Inside Diameter Cover Plate, Chrome	Each	\$ 355.03
Indoor Volleyball Floor Sleeves & Cover Plates	6 1/4" Outside, 5" Inside Diameter Cover Plate with Lock, Chrome	Each	\$ 355.03
Indoor Volleyball Floor Sleeves & Cover Plates	8" Outside, 6 5/8" Inside Diameter Swivel Cover Plate, Brass	Each	\$ 257.99
Indoor Volleyball Floor Sleeves & Cover Plates	8" Outside, 6 5/8" Inside Diameter Swivel Cover Plate, Chrome	Each	\$ 257.99
Indoor Volleyball Floor Sleeves & Cover Plates	8" Outside, 6 5/8" Inside Diameter Cover Plate, Brass	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	8" Outside, 6 5/8" Inside Diameter Cover Plate with Lock, Brass	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	8" Outside, 6 5/8" Inside Diameter Cover Plate, Chrome	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	8" Outside, 6 5/8" Inside Diameter Cover Plate with Lock, Chrome	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	Style B Floor Anchor for Wood Floors Installed Directly Over Concrete	Each	\$ 267.46
Indoor Volleyball Floor Sleeves & Cover Plates	Style Bx Floor Anchor with Extended 3 1/4" Anchor for Wood Floors Installed Directly Over Concrete	Each	\$ 267.46
Indoor Volleyball Floor Sleeves & Cover Plates	Style C Floor Anchor for Concrete Or Synthetic Floors Installed Directly Over Concrete	Each	\$ 267.46
Indoor Volleyball Floor Sleeves & Cover Plates	Style E Floor Anchor for Floating Wood Floors Resting On Sleeper Or Metal Clip Fasteners	Each	\$ 267.46
Indoor Volleyball Floor Sleeves & Cover Plates	Above Floor End T-Base Sleeve 4"	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	Above Floor End T-Base Sleeve 3-1/2"	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	Above Floor End T-Base Sleeve 3"	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	Above Floor End Base Sleeve Pad	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	Above Floor Center Base Sleeve 4"	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	Above Floor Center Base Sleeve 3-1/2"	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	Above Floor Center Base Sleeve 3"	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	Above Floor Center Base Sleeve Pad	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	Second Story Floor Adapter	Each	\$ 444.97
Indoor Volleyball Floor Sleeves & Cover Plates	3" Custom Base Adapter	Each	\$ 267.46
Indoor Volleyball Floor Sleeves & Cover Plates	3-1/2" Custom Base Adapter	Each	\$ 312.43
Indoor Volleyball Floor Sleeves & Cover Plates	Special Custom Base Adapter	Each	\$ 312.43
Indoor Volleyball Nets & Net Accessories	Competition Volleyball Net for Use with GARED Net Guide™ Systems	Each	\$ 577.51

## UNIT PRICE SCHEDULES

<b>INDOOR VOLLEYBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Indoor Volleyball Nets & Net Accessories	Extended Cable Competition Volleyball Net	Each	\$ 622.49
Indoor Volleyball Nets & Net Accessories	Custom Length Volleyball Net, Maximum Length Is 40'	Each	\$ 622.49
Indoor Volleyball Nets & Net Accessories	Net Cable Covers, Set Of Four	Set	\$ 44.97
Indoor Volleyball Nets & Net Accessories	Net Antenna and Sideline Marker Combo	Pair	\$ 177.51
Indoor Volleyball Nets & Net Accessories	Net Antennas Only	Pair	\$ 89.94
Indoor Volleyball Nets & Net Accessories	Sideline Markers Only	Pair	\$ 134.91
Indoor Volleyball Nets & Net Accessories	Custom Lettering, Horizontal Net Band	Each	\$ 444.97
Indoor Volleyball Nets & Net Accessories	Custom Lettering, Vertical Net Band	Pair	\$ 222.49
Indoor Volleyball Nets & Net Accessories	Volleyball Ratchet Winch	Each	\$ 234.32
Indoor Volleyball Nets & Net Accessories	Volleyball Ratchet Winch Handle	Each	\$ 66.27
Indoor Volleyball Padding & Referee Stands	Volleyball Upright Safety Pad, Specify Color	Each	\$ 400.00
Indoor Volleyball Padding & Referee Stands	Volleyball Center Upright Safety Pad, Specify Color	Each	\$ 444.97
Indoor Volleyball Padding & Referee Stands	Referee Stand	Each	\$ 710.06
Indoor Volleyball Padding & Referee Stands	Collapsible Referee Stand	Each	\$ 710.06
Indoor Volleyball Padding & Referee Stands	Referee Stand Safety Pad, Specify Color	Each	\$ 667.46
Indoor Volleyball Storage Equipment	4-Tier Ball Rack, 16 Ball Capacity	Each	\$ 177.51
Indoor Volleyball Storage Equipment	3-Tier Ball Rack, 12 Ball Capacity	Each	\$ 151.48
Indoor Volleyball Storage Equipment	Volleyball Equipment Storage Cart	Each	\$ 932.54
Indoor Volleyball Storage Equipment	Vertical Upright Storage Bracket	Each	\$ 99.41
Indoor Volleyball Storage Equipment	Horizontal Upright Storage Bracket	Set	\$ 151.48
Indoor Volleyball Storage Equipment	Volleyball Upright Transporter, 4" O.D.	Each	\$ 267.46
Indoor Volleyball Storage Equipment	Volleyball Upright Transporter, 3-1/2" O.D.	Each	\$ 267.46
Indoor Volleyball Storage Equipment	Volleyball Upright Transporter, 3" O.D.	Each	\$ 267.46
Indoor Volleyball Storage Equipment	Store-It, Single Net Storage Rack	Each	\$ 196.45
Indoor Volleyball Storage Equipment	Super Store-It, Double Net Storage Rack	Each	\$ 241.42
Indoor Volleyball Storage Equipment	Super Store-It, Triple Net Storage Rack	Each	\$ 293.49
Portable, Sleeveless Volleyball Systems	GoCourt™ One-Court Portable Volleyball System with Ref Stand	Each	\$ 21,301.78

## UNIT PRICE SCHEDULES

<b>INDOOR VOLLEYBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Portable, Sleeveless Volleyball Systems	GoCourt™ Two-Court Portable Volleyball System with Ref Stands	Each	\$ 26,627.22
Portable, Sleeveless Volleyball Systems	GoCourt™ Center Base with 5107-T VB Post	Each	\$ 3,550.30
Portable, Sleeveless Volleyball Systems	GoCourt™ Jr. Sitting One-Court Portable Volleyball System	Each	Call for Quote
Portable, Sleeveless Volleyball Systems	GoCourt™ Jr. Sitting One-Court Portable Volleyball System with Wheels	Each	Call for Quote
Portable, Sleeveless Volleyball Systems	GoCourt™ Jr. Sitting Volleyball Net	Each	Call for Quote
Portable, Sleeveless Volleyball Systems	GoCourt™ Folding Ref Stand with Pads	Each	\$ 710.06
Portable, Sleeveless Volleyball Systems	GoCourt™ Ref Stand Pads	Each	\$ 622.49
Portable, Sleeveless Volleyball Systems	GoCourt™ Dolly	Each	\$ 800.00
Portable, Sleeveless Volleyball Systems	Aluminum Volleyball with Pads & Folding Ref Stand and Pads	Each	\$ 12,338.46
Portable, Sleeveless Volleyball Systems	Aluminum Volleyball with Pads & Folding Ref Stand and Pads	Each	\$ 13,136.09

## UNIT PRICE SCHEDULES

GYM ACCESSORIES AND WALL PAD			
Product Description		UOM	Price
Gym Divider Curtains Material	Material – Gym Divider Curtain, Fold Up*	Square Yard	\$11.30
Gym Divider Curtains Material	Material – Gym Divider Curtain, Top Roll	Square Yard	\$13.26
Gym Divider Curtains Material	Material – Gym Divider Curtain, Roll Up	Square Yard	\$14.47
Gym Divider Curtains & Accessories	Center Drive Gym Curtain -19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey	Square Yard	Call for Quote
Gymnasium Divider Curtains & Accessories	Fold-Up Gym Curtain - 19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey;	Square Yard	Call for Quote
Gymnasium Divider Curtains & Accessories	Radius Fold-Up Gym Curtain - 19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey;	Square Yard	Call for Quote
Gymnasium Divider Curtains & Accessories	Top-Roll Gym Curtain - 19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey;	Square Yard	Call for Quote
Gymnasium Divider Curtains & Accessories	Curtain Lock for Divider Curtains & Batting Cages - 19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey;	Each	\$2,840.24
Gymnasium Divider Curtains & Accessories	Electric Curtain Hoist with Key Switch - 19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey;	Each	\$3,450.89

## UNIT PRICE SCHEDULES

GYM ACCESSORIES AND WALL PAD			
Product Description		UOM	Price
Gymnasium Divider Curtains & Accessories	Electric Curtain Hoist with Key Switch, 220V - 19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey;	Each	\$3,727.81
Gymnasium Divider Curtains & Accessories	Roll-Up Gym Curtain - 19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey;	Square Yard	Call for Quote
Gymnasium Divider Curtains & Accessories	Peak-Fold Gym Curtain - 19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey;	Square Yard	Call for Quote
Gymnasium Divider Curtains & Accessories	Walk-Draw Gym Curtain - 19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey;	Square Yard	Call for Quote
Gymnasium Divider Curtains & Accessories	Divider Curtain Custom Graphics - 19 OZ Vinyl Standard Color Options: Marine Blue, Royal Blue, Yellow, Kelly Green, Orange, Navy Blue, Forest Green, Purple, Red, Burgundy, White, Beige, Black, Grey; 9 OZ Mesh Standard Color Options: White, Yellow, Green, Red, Blue, Black, Grey; 22 OZ Vinyl Standard Color Options: Royal Blue, Red, Grey;	Square Yard	Call for Quote
Wall Padding	Material - JWC-J006 24"W and Up to 72" Tall, Standard Wall Padding, 1" Lip Top and Bottom*	Square Yard	\$273.06
Wall Padding	Wall Pad with Polyurethane Foam, Standard Size, 2' x 6' x 2"	Each	\$177.51
Wall Padding	Wall Pad with Polyurethane Foam and Vonar, Standard Size, 2' x 6' x 2"	Each	\$267.46
Wall Padding	Wall Pad with Bonded Polyurethane Foam, Standard Size, 2' x 6' x 2"	Each	\$222.49
Wall Padding	Wall Pad with Bonded Polyurethane Foam and Vonar, Standard Size, 2' x 6' x 2"	Each	\$355.03
Wall Padding	Wall Pad with Neoprene Class A Foam, Standard Size, 2' x 6' x 2"	Each	\$400.00
Wall Padding	I-Beam Wrap: Polyurethane for 6" Beam for 6' Tall, 6" x 6' x 2"	Each	\$355.03
Wall Padding	I-Beam Wrap: Bonded for 6" Beam for 6' Tall, 8" x 6' x 2"	Each	\$444.97
Wall Padding	I-Beam Wrap: Polyurethane for 8" Beam for 6' Tall, 6" x 6' x 2"	Each	\$400.00
Wall Padding	I-Beam Wrap: Bonded for 8" Beam for 6' Tall, 8" x 6' x 2"	Each	\$444.97
Wall Padding	I-Beam Wrap: Polyurethane for 10" Beam for 6' Tall, 10" x 6' x 2"	Each	\$444.97

## UNIT PRICE SCHEDULES

GYM ACCESSORIES AND WALL PAD			
Product Description		UOM	Price
Wall Padding	I-Beam Wrap: Bonded for 10" Beam for 6' Tall, 12" x 6' x 2"	Each	\$489.94
Wall Padding	I-Beam Wrap: Polyurethane for 12" Beam for 6' Tall, 10" x 6' x 2"	Each	\$444.97
Wall Padding	I-Beam Wrap: Bonded for 12" Beam for 6' Tall, 12" x 6' x 2"	Each	\$622.49
Wall Padding	Corner Wall Pad with Polyurethane Foam, Standard Size, 6" x 6' x 6" x 2"	Each	\$312.43
Wall Padding	Corner Wall Pad with Polyurethane Foam and Vonar, Standard Size, 6" x 6' x 6" x 2"	Each	\$489.94
Wall Padding	Corner Wall Pad with Bonded Polyurethane Foam, Standard Size, 6" x 6' x 6" x 2"	Each	\$312.43
Wall Padding	Corner Wall Pads with Bonded Poly Foam and Vonar, Standard Size, 6" x 6' x 6" x 2"	Each	\$489.94
Wall Padding	Corner Wall Pads with Neoprene, Class A, Foam, Standard Size, 6" x 6' x 6" x 2'	Each	\$489.94
Wall Padding	Column Wall Pad with Polyurethane Foam, Specify Size	Each	Call for Quote
Wall Padding	Column Wall Pad with Polyurethane Foam and Vonar, Specify Size	Each	Call for Quote
Wall Padding	Column Wall Pad with Bonded Polyurethane Foam, Specify Size	Each	Call for Quote
Wall Padding	Column Wall Pads with Bonded Poly Foam and Vonar, Specify Size	Each	Call for Quote
Wall Padding	Column Wall Pads with Neoprene, Class A, Foam, Specify Size	Each	Call for Quote
Wall Padding	Universal Custom Cut-Out Kit	Kit	Call for Quote
Wall Padding	Z-Clip Attachment Kit for 3 Pads (4' - 6' Lengths)	Kit	\$66.27
Wall Padding	Aluminum Attachment Kit, 2 J-Channel 6' & 1 Z Clip 6' for 3 Wall Pads	Kit	\$85.21
Wall Padding	Velcro Attachment Kit for 3 Wall Pads	Kit	\$300.59
Wall Padding	Graphic Wall Padding	Each	Call for Quote

**UNIT PRICE SCHEDULES**

<b>PHYSICAL EDUCATION EQUIPMENT</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Physical Education Equipment	Manila Climbing Rope with Braided Rope End	Each	Call for Quote
Physical Education Equipment	Manila Climbing Rope with Poly Boot End	Each	Call for Quote
Physical Education Equipment	Manila Climbing Rope with Turk Knot End	Each	Call for Quote
Physical Education Equipment	Manila Climbing Rope with Whipped End	Each	Call for Quote
Physical Education Equipment	Polypro Climbing Rope with Braided Rope End	Each	Call for Quote
Physical Education Equipment	Polypro Climbing Rope with Poly Boot Rope End	Each	Call for Quote
Physical Education Equipment	Polypro Climbing Rope with Turk Knot End	Each	Call for Quote
Physical Education Equipment	Polypro Climbing Rope with Whipped Rope End	Each	Call for Quote
Physical Education Equipment	Polyplus Climbing Rope with Braided Rope End	Each	Call for Quote
Physical Education Equipment	Polyplus Climbing Rope with Poly Boot Rope End	Each	Call for Quote
Physical Education Equipment	Polyplus Climbing Rope with Turk Knot Rope End	Each	Call for Quote
Physical Education Equipment	Polyplus Climbing Rope with Whipped Rope End	Each	Call for Quote
Physical Education Equipment	Climbing Rope Tambourine	Each	\$ 115.98
Physical Education Equipment	Climbing Rope Hoist	Each	\$ 222.49
Physical Education Equipment	Climbing Rope Safety Cable	Each	\$ 89.94
Physical Education Equipment	Climbing Rope Adjustable Beam Clamp	Each	\$ 241.42
Physical Education Equipment	Adjustable Height Chin Up Bar	Each	\$ 196.45
Physical Education Equipment	12" x 72" Peg Board	Each	\$ 844.97
Physical Education Equipment	30" x 30" Peg Board	Each	\$ 1,110.06
Physical Education Equipment	36" x 36" Peg Board	Each	\$ 1,200.00
Physical Education Equipment	Arm Ladder	Each	\$ 5,060.36
Physical Education Equipment	Grid Climber	Each	\$ 1,022.49
Physical Education Equipment	Horizontal Ladder	Each	\$ 622.49



UNIT PRICE SCHEDULES

GYMNASIUM HVAC			
Product Description		UOM	Price
Thermostats	Stages Heat: 3; Stages Cool 2	Each	\$408.24
Thermostats	Stages Heat: 1; Stages Cool 1	Each	\$444.17
Thermostats	Stages Heat: 4; Stages Cool 2	Each	\$466.56
Thermostats	Stages Heat: 4; Stages Cool 2	Each	\$558.72
Thermostats	Stages Heat: 4; Stages Cool 2	Each	\$492.59
Thermostats	Stages Heat: 3; Stages Cool 2	Each	\$504.57
Thermostats	Stages Heat: 2; Stages Cool 1	Each	\$391.57
Thermostats	Stages Heat: 3; Stages Cool 2	Each	\$236.92
Thermostats	Stages Heat: 3 Heat Pump or 2 Conventional; Stages Cool 2	Each	\$273.07
Thermostats	Stages Heat: 2; Stages Cool 2	Each	\$256.92
Thermostats	Stages Heat: 1; Stages Cool 1	Each	\$355.64
Thermostats	Stages Heat: 1; Stages Cool 1	Each	\$210.98
Thermostats	Stages Heat: 3; Stages Cool 2	Each	\$388.97
Thermostats	Stages Heat: 3; Stages Cool 2	Each	\$321.80
Thermostats	Stages Heat: 3 Heat Pump or 2 Conventional; Stages Cool 2	Each	\$333.25
Thermostats	Accessories- Wall Plate	Each	\$15.15
Thermostats	Wi-Fi Thermostats	Each	\$497.28
Thermostats	Wi-Fi Thermostats	Each	\$476.97
Thermostats	Wi-Fi Thermostats	Each	\$622.25
Thermostats	Wi-Fi Thermostats	Each	\$602.46
Thermostats	Wi-Fi Thermostats	Each	\$455.62
Thermostats	Accessories- Temp. Sensor	Each	\$81.75
Thermostats	Accessories- Wifi Card	Each	\$177.47
Thermostats	Wi-Fi Capable Thermostats	Each	\$530.08
Thermostats	Wi-Fi Capable Thermostats	Each	\$590.49
Thermostats	Wi-Fi Capable Thermostats	Each	\$530.08
Thermostats	Wi-Fi Capable Thermostats	Each	\$590.49

UNIT PRICE SCHEDULES

<b>GYMNASIUM HVAC</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Thermostats	Wi-Fi Thermostats	Each	\$447.81
Thermostats	Wi-Fi Thermostats	Each	\$244.31
Thermostats	Accessories- Averaging Sensor	Each	\$55.53
Thermostats	Accessories- Hospitality Sensor	Each	\$261.92
Thermostats	Accessories- Remote Sensor	Each	\$342.58
Thermostats	Accessories- Wireless RF Sensor	Each	\$350.32
Thermostats	Wi-Fi Capable Thermostats	Each	\$311.91
Thermostats	Wi-Fi Capable Thermostats	Each	\$1,607.95
Thermostats	Wi-Fi Capable Thermostats	Each	\$640.99
Thermostats	Wi-Fi Capable Thermostats	Each	\$369.18
Thermostats	Professional Wi-Fi & Ethernet Thermostat	Each	\$621.00
Thermostats	Pelican Wireless Gateway GW400	Each	\$282.86
Thermostats	Pelican Wireless Repeater WR400	Each	\$210.00
Thermostats	Pelican Wireless Thermostat TS200H	Each	\$338.57
Thermostats	Pelican Wireless Thermostat TS250	Each	\$577.21
Thermostats	Pelican Wireless Economizer PEARL	Each	\$287.83
Thermostats	Pelican Wireless PM-5 Relay Module	Each	\$533.73
Thermostats	Pelican Wireless TA1 Sensor	Each	\$35.40
Thermostats	Pelican Wireless door sensor PLUS50	Each	\$177.90
Thermostats	Pelican Wireless Zone Controller Z-8	Each	\$1,530.00
Thermostats	Pelican Wireless Zone Controller Z-24	Each	\$2,298.01
HVAC Equipment	Bard Electric 4 ton Heat-pump HVAC unit	Each	\$25,000.00
HVAC Equipment	Bard 3 1/2 ton Natural Gas/Electric HVAC unit	Each	\$25,000.00
HVAC Equipment	Carrier Package Units #5 Ton	Each	\$28,571.43
Monitoring	Electric sub-meter 32 circuit meter, food service monitoring system (Price per-meter installed)	Each	\$4,285.71
Software	Equistar Energy-360 Per-Year Subscription per school site	Each	\$9,226.29

## UNIT PRICE SCHEDULES

<b>WRESTLING MATS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Wrestling Mats	3" Mat Tape - CLEAR - Single Roll 84 ft	Roll	Call for Quote
Wrestling Mats	3" Mat Tape - CLEAR - VALUE 3 Roll Pack	Roll	Call for Quote
Wrestling Mats	3" Mat Tape - CLEAR - BEST VALUE Case of 24 Rolls	Roll	Call for Quote
Wrestling Mats	4" Mat Tape - CLEAR - Single Roll 84 ft.	Roll	Call for Quote
Wrestling Mats	4" Mat Tape - CLEAR - VALUE 3 Roll Pack	Roll	Call for Quote
Wrestling Mats	4" Mat Tape - CLEAR - BEST VALUE Case of 18 Rolls	Roll	Call for Quote
Wrestling Mats	2" Double-Sided Tape Roll	Roll	Call for Quote
Wrestling Mats	Smooth Vinyl Seam Tape 4" wide by 65' roll	Roll	Call for Quote
Wrestling Mats	Vinyl Repair Kit for Smooth Surfaces	Roll	Call for Quote
Wrestling Mats	Mop Kit - 48" (Includes 1 Quart, Cleaner, Mop, Dust Pad, and Wet Pad)	Roll	Call for Quote
Wrestling Mats	48" Mop only (Pads not included)	Roll	Call for Quote
Wrestling Mats	48" DRY Mop Head Only	Roll	Call for Quote
Wrestling Mats	48" WET Mop Head only	Roll	Call for Quote
Wrestling Mats	Storage Strap 10' x 2" - Webbing Strap	Roll	Call for Quote
Wrestling Mats	Smooth FLEXI-Post Pad 6' x 1 1/2" x 4" diameter	Roll	Call for Quote
Wrestling Mats	Smooth FLEXI-Post Pad 6' x 1 1/2" x 5" diameter	Roll	Call for Quote
Wrestling Mats	Smooth FLEXI-Post Pad 6' x 1 1/2" x 6" diameter	Roll	Call for Quote
Wrestling Mats	Smooth FLEXI-Post Pad 6' x 1 1/2" x 7" diameter	Roll	Call for Quote
Wrestling Mats	Smooth FLEXI-Post Pad 6' x 1 1/2" x 8" diameter	Roll	Call for Quote
Wrestling Mats	Smooth FLEXI-Post Pad 6' x 1 1/2" x 9" diameter	Roll	Call for Quote
Wrestling Mats	Smooth FLEXI-Post Pad 6' x 1 1/2" x 10" diameter	Roll	Call for Quote
Wrestling Mats	Smooth FLEXI-Post Pad 6' x 1 1/2" x 8" diameter	Roll	Call for Quote
Wrestling Mats	Smooth FLEXI-Post Pad 6' x 1 1/2" x 9" diameter	Roll	Call for Quote
Wrestling Mats	Smooth FLEXI-Post Pad 6' x 1 1/2" x 10" diameter	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 42' x 42' x 1 5/8" (seven x 6' x 42' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 36' x 36' x 1 5/8" (six x 6' x 36' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 30' x 30' x 1 5/8" (five x 6' x 30' rolls)	Roll	Call for Quote

## UNIT PRICE SCHEDULES

<b>WRESTLING MATS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Wrestling Mats	Wrestling Mat 24' x 24' x 1 5/8" (four x 6' x 24' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 42' x 42' x 2" (seven x 6' x 42' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 36' x 36' x 2" (six x 6' x 36' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 30' x 30' x 2" (five x 6' x 30' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 24' x 24' x 2" (four x 6' x 24' rolls)	Roll	Call for Quote
Wrestling Mats	Landing Pad 5' x 8' x 6"	Roll	Call for Quote
Wrestling Mats	Landing Pad 5' x 8' x 6"	Roll	Call for Quote
Wrestling Mats	Landing Pad 5' x 8' x 6"	Roll	Call for Quote
Wrestling Mats	Paint between 10' & 30' circles	Roll	Call for Quote
Wrestling Mats	Paint out of bounds	Roll	Call for Quote
Wrestling Mats	Paint inside 10' circle	Roll	Call for Quote
Wrestling Mats	8'-10' Practice circle	Roll	Call for Quote
Wrestling Mats	65" Logo w/ oneINKcolor	Roll	Call for Quote
Wrestling Mats	65" Logo w/ twoINKcolors	Roll	Call for Quote
Wrestling Mats	65" Logo w/ threeINKcolors	Roll	Call for Quote
Wrestling Mats	65" Logo w/ fourINKcolors	Roll	Call for Quote
Wrestling Mats	36" Letter w/ one INKcolor	Roll	Call for Quote
Wrestling Mats	36" Letter w/ twoINKcolors	Roll	Call for Quote
Wrestling Mats	36" Letter w/ three INKcolor	Roll	Call for Quote
Wrestling Mats	36" Letter w/ four INKcolor	Roll	Call for Quote
Wrestling Mats	Panel Wall Pad 2' x 4' x 2" with 1" wooden lip top/bottom - Smooth	Roll	Call for Quote
Wrestling Mats	Panel Wall Pad 2' x 5' x 2" with 1" wooden lip top/bottom - Smooth	Roll	Call for Quote
Wrestling Mats	Panel Wall Pad 2' x 6' x 2" with 1" wooden lip top/bottom - Smooth	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 42' x 42' x 1 5/8" (seven x 6' x 42' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 36' x 36' x 1 5/8" (six x 6' x 36' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 30' x 30' x 1 5/8" (five x 6' x 30' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 24' x 24' x 1 5/8" (four x 6' x 24' rolls)	Roll	Call for Quote

## UNIT PRICE SCHEDULES

<b>WRESTLING MATS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Wrestling Mats	Wrestling Mat 42' x 42' x 2" (seven x 6' x 42' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 36' x 36' x 2" (six x 6' x 36' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 30' x 30' x 2" (five x 6' x 30' rolls)	Roll	Call for Quote
Wrestling Mats	Wrestling Mat 24' x 24' x 2" (four x 6' x 24' rolls)	Roll	Call for Quote
Wrestling Mat Hoist Accessory	Material – ML-2000 Matlok Wrestling Mat Storage System Safety Strap	Each	\$3,225.27
Wrestling Mat Storage	Material – MH-S-A Single Mat Securelift Ceiling Suspended Wrestling Mat Storage System*	Each	\$37,203.25
Wrestling Mat Storage	Material – MHWM-S-A Single Mat Securelift Suspended from Wall Mount Brackets Wrestling Mat Storage System	Each	\$37,203.25
Wrestling Mat Storage	Material – MH-D-A Double Mat Securelift Ceiling Suspended Wrestling Mat Storage System	Each	\$47,001.03
Wrestling Mat Storage	Material – MHWM-D-A Double Mat Securelift Suspended from Wall Mount Brackets Wrestling Mat Storage System	Each	\$47,001.03
Wrestling Mat Storage	Material – Mini Securelift Ceiling Suspended Wrestling Mat Storage System	Each	\$36,334.24
Mat Storage Systems	Stationary Mat Hoist with 40' Single Load Bar, Option A	Each	Call for Quote
Mat Storage Systems	Stationary Mat Hoist with 40' Single Load Bar, Option A	Each	Call for Quote
Mat Storage Systems	Stationary Mat Hoist with 40' Double Load Bar, Option B	Each	Call for Quote
Mat Storage Systems	Stationary Mat Hoist with 40' Double Load Bar, Option B	Each	Call for Quote
Mat Storage Systems	Stationary Mat Hoist with 40' Single Load Bar, Option C	Each	Call for Quote
Mat Storage Systems	Stationary Mat Hoist with 40' Single Load Bar, Option D	Each	Call for Quote
Mat Storage Systems	Stationary Mat Hoist with 20' Single Load Bar, Option E	Each	Call for Quote
Mat Storage Systems	Forward Moving Mat Hoist with 40' Single Load Bar, Option A	Each	Call for Quote
Mat Storage Systems	Forward Moving Mat Hoist with 40' Double Load Bar, Option B	Each	Call for Quote
Mat Storage Systems	Forward Moving Mat Hoist with 40' Double Load Bar, Option C	Each	Call for Quote
Mat Storage Systems	Forward Moving Mat Hoist with 40' Double Load Bar, Option D	Each	Call for Quote
Mat Storage Systems	Forward Moving Mat Hoist with 20' Double Load Bar, Option E	Each	Call for Quote
Mat Storage Systems	Mini Stationary Mat Hoist with 14' Double Load Bar, Option E	Each	Call for Quote
Mat Storage Systems	Side Moving Mat Hoist with 40' Single Load Bar, Option A	Each	Call for Quote
Mat Storage Systems	Side Moving Mat Hoist with 40' Double Load Bar, Option B	Each	Call for Quote
Mat Storage Systems	Side Moving Mat Hoist with 40' Double Load Bar, Option C	Each	Call for Quote
Mat Storage Systems	Side Moving Mat Hoist with 40' Double Load Bar, Option D	Each	Call for Quote

### UNIT PRICE SCHEDULES

<b>WRESTLING MATS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Mat Storage Systems	Mat Storage Lock	Each	Call for Quote

## UNIT PRICE SCHEDULES

BASEBALL/SOFTBALL			
Product Description		UOM	Price
Baseball & Softball Foul Poles	3-1/2" O.D. Inground 12' Foul Pole, 4' L x 18" W Wing Panel	Pair	\$ 1,865.09
Baseball & Softball Foul Poles	3-1/2" O.D. Inground 15' Foul Pole, 8' L x 18" W Wing Panel	Pair	\$ 2,518.34
Baseball & Softball Foul Poles	3-1/2" O.D. Inground 20' Foul Pole, 12' L x 18" W Wing Panel	Pair	\$ 4,196.45
Baseball & Softball Foul Poles	5-9/16" O.D. Inground 30' Foul Pole, 18' L x 18" W Wing Panel	Pair	\$ 4,568.05
Baseball & Softball Foul Poles	3-1/2" O.D. Surface Mount 12' Foul Pole, 4' L x 18" W Wing Panel	Pair	\$ 2,331.36
Baseball & Softball Foul Poles	3-1/2" O.D. Surface Mount 15' Foul Pole, 8' L x 18" W Wing Panel	Pair	\$ 2,982.25
Baseball & Softball Foul Poles	3-1/2" O.D. Surface Mount 20' Foul Pole, 12' L x 18" W Wing Panel	Pair	\$ 4,660.36
Baseball & Softball Foul Poles	5-9/16" O.D. Surface Mount 30' Foul Pole, 18' L x 18" W Wing Panel	Pair	\$ 5,034.32
Baseball & Softball Outdoor Batting Cages & Nets	3-1/2" O.D. Aluminum Batting/Multi-Sport Cage Structure, 12' W x 10' H x 55' L, 8 Posts	Each	\$ 6,525.44
Baseball & Softball Outdoor Batting Cages & Nets	3-1/2" O.D. Steel Batting/Multi-Sport Cage Structure, 12' W x 10' H x 55' L, 8 Posts	Each	\$ 4,660.36
Baseball & Softball Outdoor Batting Cages & Nets	3-1/2" O.D. Aluminum Batting/Multi-Sport Cage Structure, 12' W x 10' H x 70' L, 10 Posts	Each	\$ 8,388.17
Baseball & Softball Outdoor Batting Cages & Nets	3-1/2" O.D. Steel Batting/Multi-Sport Cage Structure, 12' W x 10' H x 70' L, 10 Posts	Each	\$ 6,525.44
Baseball & Softball Outdoor Batting Cages & Nets	Outdoor Batting Cage Net, 12' W x 12' H x 55' L, Multi-Sport, 3/4" Black Mesh	Each	\$ 2,975.15
Baseball & Softball Outdoor Batting Cages & Nets	Outdoor Batting Cage Net, 12' W x 12' H x 55' L, Baseball/Softball, 1-3/4" Black Mesh	Each	\$ 2,042.60
Baseball & Softball Outdoor Batting Cages & Nets	Outdoor Batting Cage Net, 12' W X 12' H X 70' L, Multi-Sport, 3/4" Black Mesh	Each	\$ 3,346.75
Baseball & Softball Outdoor Batting Cages & Nets	Outdoor Batting Cage Net, 12' W X 12' H X 70' L, Baseball/Softball, 1-3/4" Black Mesh	Each	\$ 2,414.20
Baseball/Softball Wireless	Material – 1604 NL Baseball/Softball Scoreboard	Each	\$ 35,977.64
Baseball/Softball Wireless	Material – 1606 NL Baseball/Softball Scoreboard	Each	\$ 33,432.30

## UNIT PRICE SCHEDULES

<b>BASEBALL/SOFTBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Baseball/Softball Wireless	Material – 1608 NL Baseball/Softball Scoreboard	Each	\$ 24,789.68
Baseball/Softball Wireless	Material – 1630 NL Baseball/Softball Scoreboard	Each	\$ 19,528.34
Baseball/Softball Wireless	Material – 1635 NL Baseball/Softball Scoreboard	Each	\$ 13,477.35
Baseball/Softball Wireless	Material – 3600 NL Baseball/Softball Scoreboard	Each	\$ 10,749.38
Baseball/Softball Wireless	Material – PCD NL Baseball/Softball Pitch Count Display, 5'x3'	Each	\$ 5,448.10
Baseball/Softball Wireless	Material – PCD-08 NL Baseball/Softball Pitch Count Display, 8'x1'6"	Each	\$ 4,475.69
Baseball/Softball Wireless	Material – PCD-18 NL Baseball/Softball Pitch Count Display, 18'x2'	Each	\$ 5,448.10
Baseball/Softball Wireless	Material – PCD-10 NL Baseball/Softball Pitch Count Display, 10'x2'	Each	\$ 6,537.89
Outdoor Baseball & Softball Accessories	25 LB Capacity Dry Line Marker, 2-Wheel	Each	\$ 421.30
Outdoor Baseball & Softball Accessories	50 LB Capacity Dry Line Marker, 4-Wheel	Each	\$ 840.24
Outdoor Baseball & Softball Accessories	Peterson's Baseball Scoremaster Scorebook	Each	\$ 123.08
Interior BBall Accessories	Material –JNY-6HP Replacement "Anti-Whip" Nylon Net	Each	\$ 41.54
Interior BBall Accessories	Material – MBBP-6 "Safe-Pro" Bolt on Edge Pad*	Each	\$ 368.41
Interior BBall Accessories	Material – TW2000 Backstop Winch*	Each	\$ 2,075.32
Interior BBall Accessories	Material – TW800M Backstop Manual Winch	Each	\$ 1,319.65
Interior BBall Accessories	Material – ED-901 Manual Winch Operator	Each	\$ 1,610.30
Interior BBall Accessories	Material – PL-1000 Safety Strap*	Each	\$ 1,191.45
Interior BBall Accessories	Material – SBAL-30 LynRus Aut-O-Loc Backstop Safety Strap	Each	\$ 1,153.66



## UNIT PRICE SCHEDULES

BASEBALL/SOFTBALL			
Product Description		UOM	Price
Interior BBall Accessories	Material – AHA Manual Aluminum Height Adjuster	Each	\$ 3,039.73
Interior BBall Accessories	Material – EHAKS Electric Aluminum Height Adjuster with Key Switch Control	Each	\$ 5,599.26
Batting Cages	Ceiling Mount Multi-Sport Cage, Electronically Operated, Custom Net	Each	Call for Quote
Batting Cages	Batting Cage 10'H x 12'W x 70'L without Net; Direct Mount	Each	\$ 11,176.33
Batting Cages	Batting Cage 10'H x 12'W x 55'L without Net; Direct Mount	Each	\$ 9,685.21
Batting Cages	Multi-Sport Cage 10'H x 12'W x 70'L, Direct Mount, 3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Batting Cage 10'H x 12'W x 70'L, Direct Mount, 1-3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Multi-Sport Cage 10'H x 12'W x 55'L, Direct Mount, 3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Batting Cage 10'H x 12'W x 55'L, Direct Mount, 1-3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Net for 4080-70 Multi-Sport Cage, 12'H x 12'W x 70'L, 3/4" Square Mesh	Each	\$ 3,346.75
Batting Cages	Net for 4081-70 Batting Cage, 12'H x 12'W x 70'L 1-3/4" Square Mesh	Each	\$ 2,414.20
Batting Cages	Net for 4080-55 Multi-Sport Cage, 12'H x 12'W x 55'L, 3/4" Square Mesh	Each	\$ 2,975.15
Batting Cages	Net for 4981-55 Batting Cage, 12'H x 12'W x 55'L, 1-3/4" Square Mesh	Each	\$ 2,042.60
Batting Cages	Bottom Lift Multi-Sport Cage 10'H x 12'W x 70'L, Direct Mount, 3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Bottom Lift Batting Cage 10'H x 12'W x 70'L, Direct Mount, 1-3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Bottom Lift Multi-Sport Cage 10'H x 12'W x 55'L, Direct Mount, 3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Bottom Lift Batting Cage 10'H x 12'W x 55'L, Direct Mount, w/1-3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Indoor Throwing Cage	Each	Call for Quote

## UNIT PRICE SCHEDULES

BASEBALL/SOFTBALL			
Product Description		UOM	Price
Accessories	Material – BBCFP-30 Collegiate 30' Foul Poles	Each	\$ 5,273.99
Accessories	Material – BBCFP-20 Collegiate 20' Foul Poles*	Each	\$ 2,650.89
Accessories	Material – BBSBFP-12 Baseball/Softball 12' Foul Poles	Each	\$ 2,010.93
Accessories	Material – FPS-12 Foul Pole Sleeve for 12' Poles	Each	\$ 497.62
Accessories	Material – FPS-20 Foul Pole Sleeve for 20' Poles	Each	\$ 549.99
Accessories	Material – FPS-30C Foul Pole Sleeve for 30' Poles	Each	\$ 642.24
Accessories	Material – FPS-30P Foul Pole Sleeve for 30' Poles	Each	\$ 741.05
Accessories	Material – BB-500 Pro-Style "Hollywood" Bases*	Each	\$ 425.42
Accessories	Material – HP-150 Bury-All Home Plates*	Each	\$ 184.25
Accessories	Material – PR-624 Professional Pitching Rubber*	Each	\$ 186.75
Accessories	Material – PR-524 Step Down Pitching Rubber	Each	\$ 134.38
Arch Backstops Perpendicular Style	Material – AB-62P Perpendicular Arch Backstop 20'H x 62'W	Each	\$ 24,644.53
Arch Backstops Perpendicular Style	Material – AB-50P Perpendicular Arch Backstop 14'6"H x 50'W	Each	\$ 17,887.10
Arch Backstops Perpendicular Style	Material – AB-40P Perpendicular Arch Backstop 15'6"H x 40'W	Each	\$ 15,489.31
Arch Backstops Perpendicular Style	Material – AB-30P Perpendicular Arch Backstop 15'H x 30'W	Each	\$ 14,399.38
Arch Backstops Perpendicular with Extensions	Material – AB-62P5 Perpendicular Arch Backstop with 5' Extension	Each	\$ 33,581.81
Arch Backstops Perpendicular with Extensions	Material – AB-62P10 Perpendicular Arch Backstop with 10' Extension	Each	\$ 36,736.10
Arch Backstops Perpendicular with Extensions	Material – AB-50P5 Perpendicular Arch Backstop with 5' Extension	Each	\$ 26,170.42

## UNIT PRICE SCHEDULES

<b>BASEBALL/SOFTBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Arch Backstops Perpendicular with Extensions	Material – AB-50P10 Perpendicular Arch Backstop with 10' Extension	Each	\$ 34,889.70
Arch Backstops Perpendicular with Extensions	Material – AB-40P5 Perpendicular Arch Backstop with 5' Extension	Each	\$ 23,772.62
Arch Backstops Perpendicular with Extensions	Material – AB-40P10 Perpendicular Arch Backstop with 10' Extension	Each	\$ 29,440.14
Arch Backstops Perpendicular with Extensions	Material – AB-30P5 Perpendicular Arch Backstop with 5' Extension	Each	\$ 20,284.90
Arch Backstops Perpendicular with Extensions	Material – AB-30P10 Perpendicular Arch Backstop with 10' Extension	Each	\$ 26,824.37
Baseball Equipment- Traditional Backstops	Material – BS-25 Traditional Backstop 20'H @ 58'3" Width Opening	Each	\$ 29,004.18
Baseball Equipment- Traditional Backstops	Material – BS-35 Traditional Backstop 30'H @ 68'3" Width Opening	Each	\$ 41,634.28
Baseball Equipment- Traditional Backstops	Material – BS-45 Traditional Backstop 30'H @ 96'7" Width Opening	Each	\$ 59,287.51
Full Size Permanent Backstops	Material – 1035T-2FB Full Size Permanent 17'6"H x 34'W, with 2 Benches, without Planking	Each	\$ 19,848.94
Full Size Permanent Backstops	Material – 1235T-2FB Full Size Permanent 19'6"H x 34'W, with 2 Benches, without Planking	Each	\$ 21,592.80
Full Size Permanent Backstops	Material – 1035T Full Size Permanent 17'6"H x 34'W, without Planking	Each	\$ 10,257.74
Full Size Permanent Backstops	Material – 1235T Full Size Permanent 19'6"H x 34'W, without Planking	Each	\$ 11,783.61
Full Size Permanent Backstops	Material – 1435T Full Size Permanent 21'6"H x 34'W, without Planking	Each	\$ 13,527.47
Full Size Permanent Backstops	Material – 1635T Full Size Permanent 23'6"H x 34'W, without Planking	Each	\$ 15,489.31
Full Size Permanent Backstops	Material – 1044T Full Size Permanent 16'6"H x 44'W, with Planking*	Each	\$ 23,336.66
Full Size Permanent Backstops	Material – 1244T Full Size Permanent 19'6"H x 44'W, with Planking	Each	\$ 25,576.29
Full Size Permanent Backstops	Material – 1444T Full Size Permanent 21'6"H x 44'W, with Planking	Each	\$ 27,610.77
Full Size Permanent Backstops	Material – 1644T Full Size Permanent 23'6"H x 44'W, with Planking	Each	\$ 29,747.84

## UNIT PRICE SCHEDULES

<b>BASEBALL/SOFTBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Full Size Permanent Backstops	Material – 1054T Full Size Permanent 17’6”H x 54’W, with Planking	Each	\$ 26,448.21
Full Size Permanent Backstops	Material – 1254T Full Size Permanent 19’6”H x 54’W, with Planking	Each	\$ 28,875.92
Full Size Permanent Backstops	Material – 1454T Full Size Permanent 21’6”H x 54’W, with Planking	Each	\$ 31,696.82
Full Size Permanent Backstops	Material – 1654T Full Size Permanent 23’6”H x 54’W, with Planking	Each	\$ 33,731.32
Junior Backstops	Material – 810J-3S Junior Backstop 10’H x 20’6” W, without Planking, Portable	Each	\$ 6,274.26
Junior Backstops	Material – 810JH-4S Junior Backstop 13’H x 20’6” W, without Planking, Portable	Each	\$ 8,411.32
Junior Backstops	Material – 810KD Junior Backstop 10’H x 20’6” W, without Planking, Stationary	Each	\$ 4,821.05
Junior Backstops	Material – 810JH-4C Junior Backstop 13’H x 20’6” W, without Planking, Stationary	Each	\$ 6,855.55
Junior Backstops	Material – 1024KD Junior Backstop 17’6”H x 24’ W, without Planking, Stationary	Each	\$ 5,402.34
Junior Backstops	Material – 1024-4C Junior Backstop 17’6”H x 24’ W, without Planking, Stationary	Each	\$ 9,864.53
Layback Style Backstop	Material – AB-62L Layback Style Arch Backstop 18’H x 62’W	Each	\$ 23,118.67
Layback Style Backstop	Material – AB-50L Layback Style Arch Backstop 13’6”H x 50’W	Each	\$ 16,361.23
Layback Style Backstop	Material – AB-40L Layback Style Arch Backstop 14’H x 40’W	Each	\$ 15,489.31
Layback Style Backstop	Material – AB-30L Layback Style Arch Backstop 13’6”H x 30’W	Each	\$ 13,527.47

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Adjustable Arm Basketball Playground Posts	3-1/2" O.D. Front Mount Adjustable Straight Post, 3' Extension	Each	\$ 887.57
Adjustable Arm Basketball Playground Posts	3-1/2" O.D. Rear Mount Adjustable Straight Post, 3' Extension	Each	\$ 887.57
Adjustable Arm Basketball Playground Posts	4-1/2" O.D. Front Mount Adjustable Straight Post, 4' Extension	Each	\$ 1,065.09
Adjustable Arm Basketball Playground Posts	4-1/2" O.D. Rear Mount Adjustable Straight Post, 4' Extension	Each	\$ 1,065.09
Adjustable Arm Basketball Playground Posts	5-9/16" O.D. Front Mount Adjustable Straight Post, 5' Extension	Each	\$ 2,620.12
Adjustable Arm Basketball Playground Posts	6 5/8" O.D. Front Mount Adjustable Straight Post, 6' Extension	Each	\$ 3,107.69
Adjustable Arm Basketball Playground Posts	3-1/2" O.D. Front Mount Adjustable Straight Dual Post, 3' Extensions	Each	\$ 1,775.15
Adjustable Arm Basketball Playground Posts	Extension Arm, Braces and Hardware for 3-1/2" O.D. Adjustable Straight Post	Set	\$ 489.94
Adjustable Arm Basketball Playground Posts	Extension Arm, Braces and Hardware for 4-1/2" O.D. Adjustable Straight Post	Set	\$ 577.51
Adjustable Arm Basketball Playground Posts	Extension Arm, Braces and Hardware for 5-9/16" O. D. Adjustable Straight Post	Set	\$ 800.00
Adjustable Arm Basketball Playground Posts	Extension Arm, Braces and Hardware for 6 5/8" O. D. Adjustable Straight Post	Set	\$ 887.57
Adjustable Arm Basketball Playground Posts	H Style Mounting Bracket for Extended Height Gooseneck Post	Each	\$ 355.03
Aluminum Backboards	35 1/2" x 54" Fan-Shape Aluminum Backboard with Brushed Finish	Each	\$ 622.49
Aluminum Backboards	35 1/2" x 54" Fan-Shape Aluminum Backboard with White Powdercoat Finish	Each	\$ 710.06
Aluminum Backboards	35 1/2" x 54" Fan-Shape Aluminum Backboard with Orange Target & Border	Each	\$ 800.00
Auxiliary & Outdoor Glass Backboards	42" x 54" Auxiliary Rectangular Glass Side Court Backboard	Each	\$ 1,510.06
Auxiliary & Outdoor Glass Backboards	42"x 54" Rectangular Glass Backboard with Corner Brackets without Struts	Each	\$ 1,510.06
Auxiliary & Outdoor Glass Backboards	39" x 54" Auxiliary Fan-Shape Glass Backboard	Each	\$ 1,775.15
Auxiliary & Outdoor Glass Backboards	42" x 72" Outdoor Rectangular Glass Backboard	Each	\$ 1,287.57
Auxiliary & Outdoor Glass Backboards	42" x 60" Outdoor Rectangular Glass Backboard	Each	\$ 1,110.06

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Auxiliary & Outdoor Glass Backboards	42" x 72" Outdoor Rectangular Glass Backboard with Clear View	Each	\$ 1,332.54
Auxiliary & Outdoor Glass Backboards	42" x 60" Outdoor Rectangular Glass Backboard with Clear View	Each	\$ 1,155.03
Basketball Nets and Specialty Goals	Specialty Portable Goal with Nylon Net	Each	\$ 120.71
Basketball Nets and Specialty Goals	13" Practice Goal with Nylon Net	Each	\$ 99.41
Basketball Nets and Specialty Goals	15" Practice Goal with Nylon Net	Each	\$ 99.41
Basketball Nets and Specialty Goals	Anti-Whip Pro Basketball Net, Includes Tie Cord	Each	\$ 18.93
Basketball Nets and Specialty Goals	Anti-Whip Basketball Net	Each	\$ 18.93
Basketball Nets and Specialty Goals	Recreational Basketball Net	Each	\$ 14.20
Basketball Nets and Specialty Goals	Welded Steel Chain Basketball Net	Each	\$ 54.44
Basketball Nets and Specialty Goals	Steel Chain Basketball Net for Double Bumped-Ring Goals	Each	\$ 28.40
Basketball Nets and Specialty Goals	Steel Chain Basketball Net for Goals with No-Tie Net Attachment	Each	\$ 28.40
Basketball Nets and Specialty Goals	Web Nylon Playground Basketball Net	Each	\$ 35.50
Basketball Nets and Specialty Goals	Deluxe Ball Cage	Each	\$ 385.80
Basketball Nets and Specialty Goals	4-Tier Ball Rack, 16 Ball Capacity	Each	\$ 177.51
Basketball Nets and Specialty Goals	3-Tier Ball Rack, 12 Ball Capacity	Each	\$ 151.48
Basketball Nets and Specialty Goals	Mark V Basketball Scorebook	Dozen	\$ 165.68
Basketball Training Aids and Storage Equipment	Varsity Toss Back®	Each	\$ 1,242.60
Basketball Training Aids and Storage Equipment	Varsity Replacement Net & Bands	Each	\$ 134.91
Basketball Training Aids and Storage Equipment	Master Toss Back®	Each	\$ 355.03
Basketball Training Aids and Storage Equipment	Playmaker Toss Back®	Each	\$ 222.49

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Basketball Training Aids and Storage Equipment	Junior Jammer Backboard Adapter, Lowers Goal To 8' 6"	Each	\$ 844.97
Basketball Training Aids and Storage Equipment	Junior Jammer Backboard Adapter, Adjustable To 5 Heights	Each	\$ 1,022.49
Basketball Training Aids and Storage Equipment	Practice Ring	Each	\$ 63.91
Basketball Training Aids and Storage Equipment	Rebound Ring	Each	\$ 63.91
Direct Mount Adjustable Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 4' Extension, BB72A38 Acrylic Backboard, 8800 Goal	Package	\$ 3,292.31
Direct Mount Adjustable Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 4' Extension, BB60A38 Acrylic Backboard, 8800 Goal	Package	\$ 3,110.06
Direct Mount Adjustable Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 5' Extension, BB72A38 Acrylic Backboard, 8800 Goal	Package	\$ 3,474.56
Direct Mount Adjustable Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 5' Extension, BB60A38 Acrylic Backboard, 8800 Goal	Package	\$ 3,292.31
Direct Mount Adjustable Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 6' Extension, BB72A38 Acrylic Backboard, 8800 Goal	Package	\$ 3,656.80
Direct Mount Adjustable Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 6' Extension, BB60A38 Acrylic Backboard, 8800 Goal	Package	\$ 3,474.56
Direct Mount Adjustable Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 4' Extension, BB72P50 Polycarbonate Backboard, 8800 Goal	Package	\$ 3,841.42
Direct Mount Adjustable Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 5' Extension, BB72P50 Polycarbonate Backboard, 8800 Goal	Package	\$ 3,656.80
Direct Mount Adjustable Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 6' Extension, BB72P50 Polycarbonate Backboard, 8800 Goal	Package	\$ 3,656.80
Direct Mount Adjustable Playground Basketball Systems	Endurance® Double Board Playground System, 6" Square Post, Two 5' Extensions, 1260B Steel Backboards, 8550 Goals	Package	\$ 3,656.80
Direct Mount Adjustable Playground Basketball Systems	Endurance® Double Board Playground System, 6" Square Post, Two 5' Extensions, BB60G38 Glass Backboards, 8800 Goals	Package	\$ 4,205.92
Direct Mount Adjustable Playground Basketball Systems	All Pro Jam Direct Mount Basketball System, 6" x 8" Square Post, 42" x 72" Glass Backboard, 2000+ Goal	Package	\$ 3,543.20
Direct Mount Adjustable Playground Basketball Systems	All Pro Jam Direct Mount Basketball System, 6" x 8" Square Post, 42" x 72" Acrylic Backboard, 2000+ Goal	Package	\$ 3,543.20
Direct Mount Adjustable Playground Basketball Systems	All Pro Jam Direct Mount Basketball System, 6" x 8" Square Post, 42" x 72" Polycarbonate Backboard, 2000+ Goal	Package	\$ 4,785.80
Direct Mount Adjustable Playground Basketball Systems	Pro Jam Direct Mount Basketball System, 6" Square Post, 42" x 72" Glass Backboard, 2000+ Goal	Package	\$ 3,188.17
Direct Mount Adjustable Playground Basketball Systems	Pro Jam Direct Mount Basketball System, 6" Square Post, 42" x 72" Acrylic Backboard, 2000+ Goal	Package	\$ 3,188.17

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Direct Mount Adjustable Playground Basketball Systems	Pro Jam Direct Mount Basketball System, 6" Square Post, 42" x 72" Polycarbonate Backboard, 2000+ Goal	Package	\$ 4,430.77
Direct Mount Adjustable Playground Basketball Systems	Collegiate Jam Direct Mount Basketball System, 5" Square Post, 42" x 60" Glass Backboard, 1000 Goal	Package	\$ 2,833.14
Direct Mount Adjustable Playground Basketball Systems	Collegiate Jam Direct Mount Basketball System, 5" Square Post, 42" x 60" Acrylic Backboard, 1000 Goal	Package	\$ 2,833.14
Direct Mount Adjustable Playground Basketball Systems	Varsity Jam Adjustable Basketball System, 5" Square Post, 42" x 60" Glass Backboard, 726 Goal	Package	\$ 1,590.53
Direct Mount Adjustable Playground Basketball Systems	Varsity Jam Adjustable Basketball System, 5" Square Post, 42" x 60" Acrylic Backboard, 726 Goal	Package	\$ 1,590.53
Fiberglass Backboards	42" x 72" Rectangular Fiberglass Backboard with Orange Target & Border	Each	\$ 1,332.54
Fiberglass Backboards	42" x 72" Rectangular Fiberglass Backboard with Black Target & Border	Each	\$ 1,332.54
Fiberglass Backboards	39" x 54" Fan-Shape Fiberglass Backboard with Orange Target & Border	Each	\$ 800.00
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 4-6' Extension, Rectangular Board	Each	\$ 4,705.33
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 4-6' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 5,147.93
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 6-9' Extension, Rectangular Board	Each	\$ 5,060.36
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 6-9' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 5,502.96
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 9-12' Extension, Rectangular Board	Each	\$ 5,415.38
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 9-12' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 5,857.99
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 4-6' Extension, Fan-Shape Board	Each	\$ 4,572.78
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 4-6' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 5,015.38
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 6-9' Extension, Fan-Shape Board	Each	\$ 4,927.81
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 6-9' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 5,370.41
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 9-12' Extension, Fan-Shape Board	Each	\$ 5,282.84
Four Point Fold-Up Wall Mounted Basketball Backstops	Fold-Up Wall Mount Series, 9-12' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 5,725.44



## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 4-6' Extension, Rectangular Board	Each	\$ 2,930.18
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 4-6' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 3,372.78
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 6-9' Extension, Rectangular Board	Each	\$ 3,285.21
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 6-9' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 3,727.81
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 9-12' Extension, Rectangular Board	Each	\$ 3,640.24
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 9-12' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 4,082.84
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 4-6' Extension, Fan-Shape Board	Each	\$ 2,797.63
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 4-6' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 3,240.24
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 6-9' Extension, Fan-Shape Board	Each	\$ 3,152.66
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 6-9' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 3,595.27
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 9-12' Extension, Fan-Shape Board	Each	\$ 3,507.69
Four Point Side-Fold Wall Mounted Basketball Backstops	Side-Fold Wall Mount Series, 9-12' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 3,950.30
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 2-3' Extension, Rectangular Board	Each	\$ 1,510.06
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 2-3' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 1,952.66
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 3-4' Extension, Rectangular Board	Each	\$ 1,555.03
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 3-4' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 1,997.63
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 4-6' Extension, Rectangular Board	Each	\$ 1,910.06
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 4-6' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 2,352.66
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 6-9' Extension, Rectangular Board	Each	\$ 2,265.09
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 6-9' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 2,707.69

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 9-12' Extension, Rectangular Board	Each	\$ 2,620.12
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 9-12' Extension, Rectangular Board for Adjust-A-Goal	Each	\$ 3,062.72
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 2-3' Extension, Fan-Shape Board	Each	\$ 1,332.54
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 2-3' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 1,775.15
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 3-4' Extension, Fan-Shape Board	Each	\$ 1,377.51
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 3-4' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 1,820.12
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 4-6' Extension, Fan-Shape Board	Each	\$ 1,732.54
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 4-6' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 2,175.15
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 6-9' Extension, Fan-Shape Board	Each	\$ 2,087.57
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 6-9' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 2,530.18
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 9-12' Extension, Fan-Shape Board	Each	\$ 2,442.60
Four Point Stationary Wall Mounted Basketball Backstops	Four-Point Wall Mount Series, 9-12' Extension, Fan-Shape Board for Adjust-A-Goal	Each	\$ 2,885.21
Gooseneck Basketball Playground Posts	3-1/2" O.D. Unbraced Front Mount Gooseneck Post, 3' Extension	Each	\$ 532.54
Gooseneck Basketball Playground Posts	3-1/2" O.D. Unbraced Rear Mount Gooseneck Post, 3' Extension	Each	\$ 532.54
Gooseneck Basketball Playground Posts	3-1/2" O.D. Front Mount Gooseneck Post with Braces, 3' Extension	Each	\$ 622.49
Gooseneck Basketball Playground Posts	3-1/2" O.D. Rear Mount Gooseneck Post with Braces, 3' Extension	Each	\$ 622.49
Gooseneck Basketball Playground Posts	4-1/2" O.D. Unbraced Front Mount Gooseneck Post, 4' Extension	Each	\$ 887.57
Gooseneck Basketball Playground Posts	4-1/2" O.D. Unbraced Rear Mount Gooseneck Post, 4' Extension	Each	\$ 887.57
Gooseneck Basketball Playground Posts	4-1/2" O.D. Front Mount Gooseneck Post with Braces, 4' Extension	Each	\$ 977.51
Gooseneck Basketball Playground Posts	4-1/2" O.D. Rear Mount Gooseneck Post with Braces, 4' Extension	Each	\$ 977.51

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Gooseneck Basketball Playground Posts	4-1/2" O.D. Front Mount Gooseneck Post with Braces, 5' Extension	Each	\$ 1,065.09
Gooseneck Basketball Playground Posts	4-1/2" O.D. Rear Mount Gooseneck Post with Braces, 5' Extension	Each	\$ 1,065.09
Gooseneck Basketball Playground Posts	5-9/16" O.D. Front Mount Gooseneck Post with Braces, 6' Extension	Each	\$ 2,307.69
Gooseneck Basketball Playground Posts	5-9/16" O.D. Rear Mount Gooseneck Post with Braces, 6' Extension	Each	\$ 2,307.69
Gooseneck Basketball Playground Posts	Braces and Hardware for 3-1/2" Gooseneck Posts	Set	\$ 134.91
Gooseneck Basketball Playground Posts	Braces and Hardware for 4-1/2" Gooseneck Posts	Set	\$ 134.91
Gooseneck Basketball Playground Posts	Braces and Hardware for 5-9/16" Gooseneck Posts	Set	\$ 267.46
Height Adjuster Accessories	Power Wand for Electric Adjust-A-Goal™ Height Adj	Each	
Height Adjuster Accessories	Remote Control Kit for Electric Adjust-A-Goal	Each	
Height Adjuster Accessories	Power Wand Wiring Kit for Electric Adjust-A-Goal H	Each	
Height Adjuster Accessories	Hardwire Kit for Electric Adjust-A-Goal Height Adjus	Each	
Height Adjuster Accessories	Electric Hoist with Key Switch	Each	
Height Adjuster Accessories	Electric Hoist with Key Switch, 220V	Each	
Height Adjuster Accessories	Electric Hoist with Wireless Remote Receiver	Each	
Height Adjuster Accessories	25 Station Transmitter for 1194 Hoist	Each	
Height Adjuster Accessories	Manual Winch	Each	
Height Adjuster Accessories	Safstop Safety Locking Strap	Each	
Height Adjuster Accessories	Safety Strap Wall Mount Kit, Used with Up-Fold Wal	Each	
Height Adjuster Accessories	Portable Electric Winch Winder	Each	
Height Adjusters	Electric Adjust-A-Goal™ Height Adjuster for 6-5/8" Diameter Single Post	Each	\$ 2,752.66

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>	<b>UOM</b>	<b>Price</b>	
Height Adjusters	Each	\$	3,152.66
Height Adjusters	Each	\$	3,062.72
Height Adjusters	Each	\$	3,107.69
Height Adjusters	Each		Call for Quote
Height Adjusters	Each	\$	2,975.15
Height Adjusters	Each	\$	3,372.78
Height Adjusters	Each	\$	3,285.21
Height Adjusters	Each	\$	3,330.18
Height Adjusters	Each	\$	3,240.24
Height Adjusters	Kit	\$	3,372.78
Height Adjusters	Kit	\$	3,285.21
Height Adjusters	Kit		Call for Quote
Height Adjusters	Kit		Call for Quote
Height Adjusters	Kit	\$	1,155.03
Outdoor Backboards	Each	\$	1,660.82
Outdoor Backboards	Each	\$	1,491.49
Outdoor Backboards	Each	\$	1,764.82
Outdoor Backboards	Each	\$	1,280.55
Outdoor Basketball	Each	\$	2,597.81
Outdoor Basketball	Each	\$	4,145.17

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Outdoor Basketball	Material – SPA-S-4 Single Straight Pole Adjustable Outdoor Basketball Post 4 ½” OD at 4’ Extension*	Each	\$ 2,300.70
Outdoor Basketball	Material – SPA-S-6 Single Straight Pole Adjustable Outdoor Basketball Post 5 9/16” OD at 6’ Extension	Each	\$ 3,397.13
Outdoor Basketball	Material – SPA-D-4 Straight Pole Adjustable Outdoor Basketball Post 4 ½” OD with Double 4’ Extensions	Each	\$ 3,345.85
Outdoor Basketball	Material – SPA-D-6 Straight Pole Adjustable Outdoor Basketball Post 5 9/16” OD with Double 6’ Extensions	Each	\$ 4,539.53
Outdoor Goals/Nets	Material – GB-55 Single Rim Goal with Nylon Net	Each	\$ 193.60
Outdoor Goals/Nets	Material – GBSG-50 Super Goal with Nylon Net*	Each	\$ 205.50
Outdoor Goals/Nets	Material – GDR-54 Double Rim Goal with Nylon Net	Each	\$ 247.08
Outdoor Goals/Nets	Material – UBG-500 Ultimate Playground Goal with Nylon Net	Each	\$ 294.63
Outdoor Goals/Nets	Material – UBG-500F Ultimate Playground Breakaway Goal with Nylon Net	Each	\$ 368.88
Outdoor Goals/Nets	Material – JNY-4HP Replacement Nylon Net	Each	\$ 24.31
Outdoor Goals/Nets	Material – J3 Replacement Chain Net	Each	\$ 71.84
Outdoor Playground Basketball Padding, Nets & Accessories	Universal Adapter Plate	Each	\$ 139.64
Outdoor Playground Basketball Padding, Nets & Accessories	Steel Chain Basketball Net for Double Bumped-Ring Goals	Each	\$ 28.40
Outdoor Playground Basketball Padding, Nets & Accessories	Steel Chain Basketball Net for Goals with No-Tie Net Attachment	Each	\$ 28.40
Outdoor Playground Basketball Padding, Nets & Accessories	Welded Steel Chain Basketball Net	Each	\$ 54.44
Outdoor Playground Basketball Padding, Nets & Accessories	Web Nylon Playground Basketball Net	Each	\$ 35.50
Outdoor Playground Basketball Padding, Nets & Accessories	48” Recreational Pro-Mold® Backboard Padding	Each	\$ 222.49
Outdoor Playground Basketball Padding, Nets & Accessories	54” Recreational Pro-Mold® Backboard Padding	Each	\$ 267.46
Outdoor Playground Basketball Padding, Nets & Accessories	60” Recreational Pro-Mold® Backboard Padding	Each	\$ 312.43
Outdoor Playground Basketball Padding, Nets & Accessories	72” Recreational Pro-Mold® Backboard Padding	Each	\$ 355.03

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Outdoor Playground Basketball Padding, Nets & Accessories	Wrap-Around Pole Pad for 3-1/2" - 4-1/2" Round Poles and 4" Square Poles	Each	\$ 177.51
Outdoor Playground Basketball Padding, Nets & Accessories	Wrap-Around Pole Pad for 4-1/2" - 6" Round Poles and 5" - 6" Square Poles	Each	\$ 222.49
Outdoor Playground Basketball Padding, Nets & Accessories	Wrap-Around Pole Pad for 6 5/8" - 8" Round Poles and 6" - 8" Square Poles	Each	\$ 267.46
Outdoor Playground Basketball Padding, Nets & Accessories	Fitted Pole Pad for 4" Square Poles	Each	\$ 222.49
Outdoor Playground Basketball Padding, Nets & Accessories	Fitted Pole Pad for 5" Square Poles	Each	\$ 257.99
Outdoor Playground Basketball Padding, Nets & Accessories	Fitted Pole Pad for 6" Square Poles	Each	\$ 267.46
Outdoor Playground Basketball Padding, Nets & Accessories	Fitted Pole Pad for 8" Square Poles	Each	\$ 312.43
Outdoor Playground Basketball Padding, Nets & Accessories	Base Pole Pad for 4" Surface-Mounted Square Poles	Each	\$ 35.50
Outdoor Playground Basketball Padding, Nets & Accessories	Base Pole Pad for 5" Surface-Mounted Square Poles	Each	\$ 54.44
Outdoor Playground Basketball Padding, Nets & Accessories	Base Pole Pad for 6" Surface-Mounted Square Poles	Each	\$ 63.91
Outdoor Playground Basketball Padding, Nets & Accessories	Base Pole Pad for 8" Surface-Mounted Square Poles	Each	\$ 71.01
Playground Breakway Goals	Endurance® Breakaway Slam Goal with Nylon Net	Each	\$ 444.97
Playground Breakway Goals	Double Ring Playground Breakaway Goal with Nylon Net	Each	\$ 400.00
Playground Breakway Goals	Titan Plus Breakaway Goal with Nylon Net	Each	\$ 312.43
Playground Breakway Goals	Titan Power Breakaway Goal with Nylon Net	Each	\$ 267.46
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 4' Extension, 1272B Steel Backboard, 8550 Goal	Package	\$ 3,292.31
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 4' Extension, 1260B Steel Backboard, 8550 Goal	Package	\$ 3,110.06
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 5' Extension, 1272B Steel Backboard, 8550 Goal	Package	\$ 3,474.56
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 5' Extension, 1260B Steel Backboard, 8550 Goal	Package	\$ 3,292.31
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 6' Extension, 1272B Steel Backboard, 8550 Goal	Package	\$ 3,656.80

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 6' Extension, 1260B Steel Backboard, 8550 Goal	Package	\$ 3,474.56
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 4' Extension, BB72G50 Glass Backboard, 8800 Goal	Package	\$ 3,841.42
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 4' Extension, BB60G38 Glass Backboard, 8800 Goal	Package	\$ 3,656.80
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 5' Extension, BB72G50 Glass Backboard, 8800 Goal	Package	\$ 3,656.80
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 5' Extension, BB60G38 Glass Backboard, 8800 Goal	Package	\$ 3,656.80
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 6' Extension, BB72G50 Glass Backboard, 8800 Goal	Package	\$ 4,205.92
Playground Basketball Systems	Endurance® Playground System, 6" Square Post, 6' Extension, BB60G38 Glass Backboard, 8800 Goal	Package	\$ 4,023.67
Playground Basketball Systems	3-1/2" O.D. Unbraced Front Mount Gooseneck Post, 3' Extension, 1701 Backboard, 39WO Goal	Package	\$ 1,223.67
Playground Basketball Systems	3-1/2" O.D. Unbraced Front Mount Gooseneck Post, 3' Extension, 1750 Backboard, 39WO Goal	Package	\$ 1,308.88
Playground Basketball Systems	3-1/2" O.D. Unbraced Rear Mount Gooseneck Post, 3' Extension, 1266 Backboard, 66T Goal	Package	\$ 1,308.88
Playground Basketball Systems	3-1/2" O.D. Front Mount Gooseneck Post with Braces, 3' Extension, BB48A38 Backboard, 726 Goal	Package	\$ 1,888.76
Playground Basketball Systems	3-1/2" O.D. Front Mount Gooseneck Post with Braces, 3' Extension, 1750B Backboard, 39WO Goal	Package	\$ 1,476.92
Playground Basketball Systems	3-1/2" O.D. Front Mount Gooseneck Post with Braces, 3' Extension, 1245T Backboard, 39WO Goal	Package	\$ 1,476.92
Playground Basketball Systems	3-1/2" O.D. Rear Mount Gooseneck Post with Braces, 3' Extension, 1266 Backboard, 66T Goal	Package	\$ 1,391.72
Playground Basketball Systems	3-1/2" O.D. Front Mount Adjustable Straight Post, 3' Extension, 1750 Backboard, 39WO Goal	Package	\$ 1,644.97
Playground Basketball Systems	3-1/2" O.D. Front Mount Adjustable Straight Post, 3' Extension, BB48A38 Backboard, 726 Goal	Package	\$ 2,142.01
Playground Basketball Systems	5-9/16" O.D. Front Mount Gooseneck Post with Braces, 6' Extension, 1272B Backboard, 7550 Goal	Package	\$ 3,753.85
Playground Basketball Systems	5-9/16" O.D. Front Mount Gooseneck Post with Braces, 6' Extension, 1260B Backboard, 7550 Goal	Package	\$ 3,585.80
Playground Basketball Systems	5-9/16" O.D. Front Mount Gooseneck Post with Braces, 6' Extension, BB60G38 Backboard, 5500 Goal	Package	\$ 3,626.04
Playground Basketball Systems	5-9/16" O.D. Front Mount Gooseneck Post with Braces, 6' Extension, BB72A38 Backboard, 5500 Goal	Package	\$ 3,796.45

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Playground Basketball Systems	5-9/16" O.D. Front Mount Adjustable Straight Post, 5' Extension, 1272B Backboard, 7550 Goal	Package	\$ 4,047.34
Playground Basketball Systems	5-9/16" O.D. Front Mount Adjustable Straight Post, 5' Extension, BB72G50 Backboard, 5500 Goal	Package	\$ 3,711.24
Playground Basketball Systems	6-5/8" O.D. Front Mount Adjustable Straight Post, 6' Extension, 1272B Backboard, 7550 Goal	Package	\$ 4,511.24
Playground Basketball Systems	4-1/2" O.D. Front Mount Gooseneck Post with Braces, 4' Extension, BB60A38 Backboard, 726 Goal	Package	\$ 2,276.92
Playground Basketball Systems	4-1/2" O.D. Front Mount Gooseneck Post with Braces, 4' Extension, 1245T Backboard, 240 Goal	Package	\$ 1,855.62
Playground Basketball Systems	4-1/2" O.D. Rear Mount Gooseneck Post with Braces, 4' Extension, 1266B Backboard, 266 Goal	Package	\$ 1,687.57
Playground Basketball Systems	4-1/2" O.D. Front Mount Gooseneck Post with Braces, 4' Extension, 1260B Backboard, 240 Goal	Package	\$ 2,194.08
Playground Basketball Systems	4-1/2" O.D. Front Mount Gooseneck Post with Braces, 4' Extension, 1750B Backboard, 240 Goal	Package	\$ 1,855.62
Playground Basketball Systems	4-1/2" O.D. Front Mount Adjustable Straight Post, 4' Extension, 1750B Backboard, 240 Goal	Package	\$ 1,940.83
Playground Basketball Systems	4-1/2" O.D. Front Mount Adjustable Straight Post, 4' Extension, 1260B Backboard, 240 Goal	Package	\$ 2,276.92
Playground Basketball Systems	4-1/2" O.D. Front Mount Adjustable Straight Post, 4' Extension, 1245T Backboard, 240 Goal	Package	\$ 1,940.83
Playground Front Mount, Fixed Goals	Endurance® Slam Goal with Nylon Net	Each	\$ 355.03
Playground Front Mount, Fixed Goals	Titan Playground Super Goal with Nylon Net	Each	\$ 312.43
Playground Front Mount, Fixed Goals	Super Goal with Nylon Net	Each	\$ 177.51
Playground Front Mount, Fixed Goals	Super Goal with Chain Net	Each	\$ 177.51
Playground Front Mount, Fixed Goals	Institutional Goal with Nylon Net	Each	\$ 134.91
Playground Front Mount, Fixed Goals	High Strength Institutional Goal with Nylon Net	Each	\$ 151.48
Playground Rear Mount, Fixed Goals (Only compatible with 1266 & 1266B)	Scholastic Rear-Mount Breakaway Goal with Nylon Net	Each	\$ 355.03
Playground Rear Mount, Fixed Goals (Only compatible with 1266 & 1266B)	Rear-Mount Super Goal with Nylon Net	Each	\$ 177.51
Playground Rear Mount, Fixed Goals (Only compatible with 1266 & 1266B)	Institutional Rear-Mount Goal with Nylon Net	Each	\$ 134.91



## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Playground Rear Mount, Fixed Goals (Only compatible with 1266 & 1266B)	High Strength Institutional Rear-Mount Goal with Nylon Net	Each	\$ 151.48
Polycarbonate & Acrylic Backboards	42" x 72" Rectangular Polycarbonate Backboard	Each	\$ 2,220.12
Polycarbonate & Acrylic Backboards	42" x 72" Rectangular Acrylic Backboard	Each	\$ 1,287.57
Polycarbonate & Acrylic Backboards	42" x 60" Rectangular Acrylic Backboard	Each	\$ 1,110.06
Polycarbonate & Acrylic Backboards	36" x 48" Rectangular Acrylic Backboard	Each	\$ 1,057.99
Portable Backstop Accessories	42" x 72" Outer Limit Pro Glass Backboard with Aluminum Frame, Center Mount without Center Strut	Each	\$ 4,437.87
Portable Backstop Accessories	4000+ MDG Multi-Directional Breakaway Goal	Each	\$ 977.51
Portable Backstop Accessories	Buzzer Beater™ Perimeter Led Light System Kit, Includes LED Light Strips, Power Cord & Universal Converter for One Board	Each	\$ 2,220.12
Portable Backstop Accessories	Alphatec™ Basketball Shot Clocks	Pair	\$ 3,365.68
Portable Backstop Accessories	Alphatec™ Basketball Shot Clocks with Game Timer	Pair	\$ 5,353.85
Portable Backstop Accessories	Quick Connect Cart™	Each	\$ 5,237.87
Portable Backstop Accessories	Quick Connect Mounting Plates for GARED Pro® S (Part Of Portable When Quick Connect Option Is Ordered)	Set	\$ 977.51
Portable Backstop Accessories	Quick Connect Mounting Plates for GARED Pro® H (Part Of Portable When Quick Connect Option Is Ordered)	Set	\$ 2,220.12
Portable Backstop Accessories	Quick Connect Mounting Plates for Hoopmaster® (Part Of Portable When Quick Connect Option Is Ordered)	Set	\$ 3,365.68
Portable Backstop Accessories	Quick Connect Mounting Plates for Hoopmaster® Lt (Part Of Portable When Quick Connect Option Is Ordered)	Set	\$ 5,353.85
Portable Basketball Backstops	GARED Pro® S Portable Basketball System with 10' 8" Boom, FIBA Approved	Each	\$ 5,237.87
Portable Basketball Backstops	GARED Pro® S Portable Basketball System with 10' 8" Boom and Automatic Wheel Lift, FIBA Approved	Each	\$ 26,023.67
Portable Basketball Backstops	GARED Pro® S Portable Basketball System with 8' Boom, FIBA Approved	Each	\$ 22,473.37
Portable Basketball Backstops	GARED Pro® S Portable Basketball System with 8' Boom and Automatic Wheel Lift, FIBA Approved	Each	\$ 24,840.24
Portable Basketball Backstops	Wheel Lift Kit, GARED Pro® S Portable Backstops, for models 9618 & 9616	Each	\$ 1,775.15

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Portable Basketball Backstops	GARED Pro® H Portable Basketball System with 10' 8" Boom, FIBA Approved	Each	\$ 42,591.72
Portable Basketball Backstops	GARED Pro® H Portable Basketball System with 8' Boom, FIBA Approved	Each	\$ 42,591.72
Portable Basketball Backstops	Hoopmaster® 8, Portable Basketball System with 8' Boom	Each	\$ 16,565.68
Portable Basketball Backstops	Hoopmaster® 5, Portable Basketball System with 5' Boom	Each	\$ 16,565.68
Portable Basketball Backstops	Hoopmaster® LT Portable Basketball System with 5' Boom	Each	\$ 14,198.82
Recreation & Roll Around Portable Backstops	Hoopmaster® LT Portable Basketball System with 5' Boom, OUTDOOR STORAGE VOIDS WARRANTY	Each	\$ 14,198.82
Recreation & Roll Around Portable Backstops	Hoops 21, "3 On 3" Height Adjustable Portable Basketball System with Pad and 39" x 54" Fan Fiberglass Board, OUTDOOR STORAGE VOIDS WARRANTY	Each	\$ 3,065.09
Recreation & Roll Around Portable Backstops	Micro-Z54 Roll-Around Basketball System with 4' Boom, 54" Board and Breakaway Goal - OUTDOOR STORAGE VOIDS WARRANTY	Each	\$ 4,248.52
Recreation & Roll Around Portable Backstops	Mini-EZ Roll-Around Basketball System with 3' Boom and 48" Board - OUTDOOR STORAGE VOIDS WARRANTY	Each	\$ 2,355.03
Recreation & Roll Around Portable Backstops	HOOPLA™ Competition Portable Netball System - OUTDOOR STORAGE VOIDS WARRANTY	Each	\$ 2,797.63
Recreation & Roll Around Portable Backstops	HOOPLA™ Recreational Portable Netball System - OUTDOOR STORAGE VOIDS WARRANTY	Set	\$ 371.60
Recreation & Roll Around Portable Backstops with Accessories	Hoopmaster® C72 Club Portable Basketball System with 5' Boom and 72" Board	Each	\$ 11,775.15
Recreation & Roll Around Portable Backstops with Accessories	Hoopmaster® R54 Recreational Portable Basketball System with 5' Boom and 54" Board	Each	\$ 9,455.62
Recreation & Roll Around Portable Backstops with Accessories	Super-Z60 Portable Basketball System with 6' Boom and 60" Board	Each	\$ 6,615.38
Recreation & Roll Around Portable Backstops with Accessories	Super-Z54 Portable Basketball System with 6' Boom and 54" Board	Each	\$ 5,905.33
Recreation & Roll Around Portable Backstops with Accessories	Micro-Z54 Roll-Around Basketball System with 4' Boom, 54" Board and Breakaway Goal	Each	\$ 4,248.52
Recreation & Roll Around Portable Backstops with Accessories	Mini-EZ Roll-Around Basketball System with 3' Boom and 48" Board	Each	\$ 2,355.03
Recreation & Roll Around Portable Backstops with Accessories	Micro-Z Non-Mark Wheel Kit	Each	\$ 262.72
Recreation & Roll Around Portable Backstops with Accessories	Micro-Z Indoor/Outdoor Replacement Wheel Kit	Each	\$ 224.85
Recreation & Roll Around Portable Backstops with Accessories	Micro-Z Upper Replacement Pad, Black	Each	\$ 319.53
Recreation & Roll Around Portable Backstops with Accessories	Micro-Z Lower Replacement Pad, Black	Each	\$ 319.53
Recreation & Roll Around Portable Backstops with Accessories	Mini-EZ Non-Mark Wheel Kit	Each	\$ 170.41
Recreation & Roll Around Portable Backstops with Accessories	Mini-EZ Indoor/Outdoor Replacement Wheel Kit	Each	\$ 170.41
Recreation & Roll Around Portable Backstops with Accessories	Mini-EZ Replacement Pad, Black	Each	\$ 319.53
Recreation & Roll Around Portable Backstops with Accessories	Specialty Acrylic Replacement Micro-Z/Mini-EZ Backboard	Each	\$ 738.46
Recreation & Roll Around Portable Backstops with Accessories	Specialty Portable Fixed Goal with Nylon Net	Each	\$ 123.08

## UNIT PRICE SCHEDULES

<b>OUTDOOR BASKETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Recreation & Roll Around Portable Backstops with Accessories	Hoops 21, "3 On 3" Height Adjustable Portable Basketball System with Pad and 32" x 54" Rectangular Acrylic Board	Each	\$ 3,775.15
Recreation & Roll Around Portable Backstops with Accessories	Hoops 21, "3 On 3" Height Adjustable Portable Basketball System with Pad and 39" x 54" Fan Fiberglass Board	Each	\$ 3,065.09
Site Prep -Sports	Material - Basketball Backstop Span Pipe	Each	
Site Prep -Sports	Material – Basketball Backstop Drop	Each	
Site Prep -Sports	Material – Optional Rebar Cage	Each	
Steel Backboards	35" x 54" Front-Mount Fan-Shape Steel Backboard with White Powdercoat Finish	Each	\$ 710.06
Steel Backboards	35" x 54" Front-Mount Fan-Shape Steel Backboard with Orange Target	Each	\$ 800.00
Steel Backboards	35" x 54" Rear-Mount Fan-Shape Steel Backboard with White Powdercoat Finish	Each	\$ 710.06
Steel Backboards	35" x 54" Rear-Mount Fan-Shape Steel Backboard with Orange Target & Border	Each	\$ 800.00
Steel Backboards	42" x 60" Rectangular Perforated Steel Backboard with White Powdercoat Finish	Each	\$ 1,242.60
Steel Backboards	42" x 72" Rectangular Perforated Steel Backboard with White Powdercoat Finish	Each	\$ 1,420.12
Steel Backboards	42" x 60" Rectangular Steel Backboard with White Powdercoat Finish	Each	\$ 1,065.09
Steel Backboards	42" x 60" Rectangular Steel Backboard with Orange Target & Border	Each	\$ 1,155.03
Steel Backboards	42" x 72" Rectangular Steel Backboard with White Powdercoat Finish	Each	\$ 1,242.60
Steel Backboards	42" x 72" Rectangular Steel Backboard with Orange Target & Border	Each	\$ 1,332.54
Steel Backboards	48" x 72" Rectangular Steel Backboard with White Powdercoat Finish	Each	\$ 1,332.54
Steel Backboards	48" x 72" Rectangular Steel Backboard with Orange Target & Border	Each	\$ 1,420.12
Three Point Stationary Wall Mounted Basketball Backstop Glass Packages	Three-Point Wall Mount Pkg, 2-3' Extension, AFRG42, 2000+, PMCE	Each	\$ 3,457.99
Three Point Stationary Wall Mounted Basketball Backstop Glass Packages	Three-Point Wall Mount Pkg, 3-4' Extension, AFRG42, 2000+, PMCE	Each	\$ 3,500.59
Three Point Stationary Wall Mounted Basketball Backstop Glass Packages	Three-Point Wall Mount Pkg, 4-6' Extension, AFRG42, 2000+, PMCE	Each	\$ 3,836.69
Three Point Stationary Wall Mounted Basketball Backstop Glass Packages	Three-Point Wall Mount Pkg, 6-9' Extension, AFRG42, 2000+, PMCE	Each	\$ 4,175.15
Three Point Stationary Wall Mounted Basketball Backstop Glass Packages	Three-Point Wall Mount Pkg, 9-12' Extension, AFRG42, 2000+, PMCE	Each	\$ 4,511.24
Three Point Stationary Wall Mounted Basketball Backstop Glass Packages	Three-Point Wall Mount Pkg, 2-3' Extension, 1245T, 1000	Each	\$ 2,066.27
Three Point Stationary Wall Mounted Basketball Backstop Glass Packages	Three-Point Wall Mount Pkg, 3-4' Extension, 1245T, 1000	Each	\$ 2,108.88
Three Point Stationary Wall Mounted Basketball Backstop Glass Packages	Three-Point Wall Mount Pkg, 4-6' Extension, 1245T, 1000	Each	\$ 2,447.34
Three Point Stationary Wall Mounted Basketball Backstop Glass Packages	Three-Point Wall Mount Pkg, 6-9' Extension, 1245T, 1000	Each	\$ 2,783.43
Three Point Stationary Wall Mounted Basketball Backstop Glass Packages	Three-Point Wall Mount Pkg, 9-12' Extension, 1245T, 1000	Each	\$ 3,121.89
Wood Backboards	42" x 72" Rectangular Wood Backboard with Orange	Each	\$ 1,065.09

## UNIT PRICE SCHEDULES

<b>SOCCER, LACROSSE, NETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Field Hockey	Material – OFHG7124 Official Field Hockey Goals with Bottom Boards*	Each	\$ 5,925.78
Field Hockey	Material – FHND-8 Official Field Hockey Net (Net Only)*	Each	\$ 420.31
Field Hockey	Material – FHG-16 Official Field Hockey Bottom Board (Bottom Board Only)	Each	\$ 3,729.68
Field Hockey	Material – FHGWK Field Hockey Wheel Kit	Each	\$ 739.63
Field Sport Goals	Soccer Goal Camogie & Gaelic Football Adapters	Pair	\$ 438.33
Field Sport Goals	Defender™ Field Hockey Official Goal	Pair	\$ 3,125.00
Field Sport Goals	Official Futsal Goal	Pair	\$ 1,813.33
Field Sport Goals	Official Team Handball Goal	Pair	\$ 2,063.33
Field Sport Goals	Net for Official Futsal & Team Handball	Pair	\$ 188.33
Field Sport Goals	Indoor Floor Anchor, Futsal & Team Handball Goals	Pair	\$ 375.00
Lacrosse	Material – LG-50 Deluxe Official Lacrosse Goals*	Each	\$ 1,215.99
Lacrosse	Material – LGN-50 Competition Lacrosse Net*	Each	\$ 224.39
Lacrosse	Slingshot™ Premium Lacrosse Goal with Wind Resistant Ground Bar and 5 MM Net	Pair	\$ 970.00
Lacrosse	Slingshot™ Standard Lacrosse Goal with 3 MM Net	Pair	\$ 625.00
Lacrosse	Slingshot™ Recreational Lacrosse Goal with 2 MM Net	Each	\$ 156.67
Lacrosse	Lacrosse Net, 6 MM, White	Each	\$ 220.00
Lacrosse	Lacrosse Net, 4 MM, White	Each	\$ 188.33
Lacrosse	Lacrosse Net, 3 MM, White	Each	\$ 156.67
Lacrosse	Field Force™ Multi-Sport Blocker	Each	\$ 375.00
Netball/Handball	HOOPLA™ Sleeve-Type Steel Netball System, 2.5" (63.5Mm) O.D., Includes Ground Sleeve & Cap	Set	\$ 625.00
Netball/Handball	Ground Sleeve for 2.5" (63.5Mm) O.D. Steel Post	Each	\$ 95.00
Netball/Handball	Outdoor Cap for 2.5" (63.5Mm) O.D. Steel Post Ground Sleeve	Each	\$ 31.67
Netball/Handball	HOOPLA™ Inground Steel Netball System, 2.5" (63.5Mm) O.D.	Set	\$ 563.33
Netball/Handball	HOOPLA™ Portable Steel Netball System W/ Steel Base, 2.5" (63.5Mm) O.D.	Set	\$ 1,125.00
Netball/Handball	HOOPLA™ Sleeve-Type Aluminum Netball System, 3.15" (80Mm) O.D., Includes Ground Sleeve & Cap	Set	\$ 720.00
Netball/Handball	Ground Sleeve for 3.15" (80Mm) O.D. Aluminum Post	Each	\$ 95.00

## UNIT PRICE SCHEDULES

<b>SOCCER, LACROSSE, NETBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Netball/Handball	Outdoor Cap for 3.15" (80Mm) O.D. Aluminum Post Ground Sleeve	Each	\$ 63.33
Netball/Handball	HOOPLA™ Inground Aluminum Netball System, 3.15" (80Mm) O.D.	Set	\$ 595.00
Netball/Handball	HOOPLA™ Portable Aluminum Netball System W/ Steel Base, 3.15" (80Mm) O.D.	Set	\$ 1,220.00
Netball/Handball	15" (38.1 Cm) Goal for 2.5" (63.5 Mm) Steel Post Netball System	Each	\$ 125.00
Netball/Handball	15" (38.1 Cm) Goal for 3.15" (80 Mm) Aluminum Post Netball System	Each	\$ 125.00
Netball/Handball	Netball Upright Pad	Each	\$ 188.33
Netball/Handball	HOOPLA™ Recreational Portable Netball System - OUTDOOR STORAGE VOIDS WARRANTY	Set	\$ 261.67
Netball/Handball	Official Team Handball Goal	Pair	\$ 2,063.33
Netball/Handball	Official Futsal Goal	Pair	\$ 1,813.33
Netball/Handball	Net for Official Futsal & Team Handball	Pair	\$ 188.33
Netball/Handball	Indoor Floor Anchor, Futsal & Team Handball Goals	Pair	\$ 375.00
Soccer Equipment	Material – SGP-600PKGBLK Nova Premiere Complete Soccer Package (Includes Net)	Each	\$ 12,229.15
Soccer Equipment	Material – SGP-600PKGBLK Nova Premiere Complete Soccer Package (Includes Net)	Each	\$ 12,229.15
Soccer Equipment	Material – SGP-400PKG Round Post Classic Official Complete Soccer Package (Includes Net)	Each	\$ 8,558.84
Soccer Equipment	Material – SGP-760PKG Square Post Classic Official Complete Soccer Package (Includes Net)*	Each	\$ 8,558.84
Soccer Equipment	Material – SGP-600 Nova Premier Official Goals	Each	\$ 13,622.49
Soccer Equipment	Material – SN-2BLKW Hex Mesh Two Tone White/Black Nets 5mm, 5.5" Hex	Each	\$ 511.38
Soccer Equipment	Material – SGP-400 Classic Round Official Goals	Each	\$ 7,656.32
Soccer Equipment	Material – SGP-760 Square Round Official Goals	Each	\$ 8,558.84
Soccer Equipment	Material – SND-8 Square Mesh White Nets, 4mm, 5.5" Mesh	Each	\$ 416.39
Soccer Equipment	Material – SAS-95 Auger Anchors	Each	\$ 136.47
Soccer Equipment	Material – NSGWK Nova Goal Wheel Kit	Each	\$ 951.71
Soccer Equipment	Material – CSGWK Classic Goal Wheel Kit	Each	\$ 969.88

## UNIT PRICE SCHEDULES

SOCCER, LACROSSE, NETBALL			
Product Description		UOM	Price
Soccer Equipment	Material - FSNB-65 FieldPro Soccer Ball Stop System (20'x65')	Each	\$ 4,599.68
Soccer Goals	Touchline Striker™ Soccer Goal, 7' X 21', Portable, Round Frame (Old Part SG30721S)	Pair	\$ 5,906.67
Soccer Goals	Touchline Striker™ Soccer Goal, 6' X 12', Portable, Round Frame (Old Part SG30612S)	Pair	\$ 5,656.67
Soccer Goals	Touchline Striker™ Soccer Goal, 8' X 24', Portable, Round Frame (Old Part SG30824S)	Pair	\$ 6,250.00
Soccer Goals	Touchline Striker™ Soccer Goal, 7' X 21', Portable, Round Frame (Old Part SG30721S)	Pair	\$ 5,906.67
Soccer Goals	Touchline Striker™ Soccer Goal, 6' X 12', Portable, Square Frame (Old Part SG10612S)	Pair	\$ 5,656.67
Soccer Goals	All-Star Recreational Touchline™ Soccer Goal, 8' X 24', Portable, Rectangular Frame (Old Part SG20824)	Pair	\$ 2,781.67
Soccer Goals	All-Star Recreational Touchline™ Soccer Goal, 7' X 21', Portable, Rectangular Frame (Old Part SG20721)	Pair	\$ 2,500.00
Soccer Goals	X 18', Portable, Rectangular Frame (Old Part SG20618)	Pair	\$ 2,156.67
Soccer Goals	All-Star Recreational Touchline™ Soccer Goal, 6' X 12', Portable, Rectangular Frame (Old Part SG20612)	Pair	\$ 1,906.67
Soccer Goals	Combination Football/Soccer Goal	Pair	\$ 4,375.00
Soccer Goals	All-Star I Touchline™ Soccer Goal, 8' X 24', Portable, Square Frame (Old Part SG10824)	Pair	\$ 3,125.00
Soccer Goals	All-Star I Touchline™ Soccer Goal, 7' X 21', Portable, Square Frame (Old Part SG10721)	Pair	\$ 2,813.33
Soccer Goals	All-Star I Touchline™ Soccer Goal, 6 1/2' X 18', Portable, Square Frame (Old Part SG10618)	Pair	\$ 2,500.00
Soccer Goals	All-Star I Touchline™ Soccer Goal, 6' X 12', Portable, Square Frame (Old Part SG10612)	Pair	\$ 2,188.33
Soccer Goals	All-Star II Touchline™ Soccer Goal, 8' X 24', Portable, Round Frame (Old Part SG30824)	Pair	\$ 3,125.00
Soccer Goals	All-Star II Touchline™ Soccer Goal, 7' X 21', Portable, Round Frame (Old Part SG30721)	Pair	\$ 2,813.33
Soccer Goals	All-Star II Touchline™ Soccer Goal, 6 1/2' X 18', Portable, Round Frame (Old Part SG30618)	Pair	\$ 2,500.00
Soccer Goals	All-Star II Touchline™ Soccer Goal, 6' X 12', Portable, Round Frame (Old Part SG30612)	Pair	\$ 2,188.33
Soccer Goals	All-Star FIFA Touchline™ Soccer Goal, 8' X 24' (Old Part SG30824I)	Pair	\$ 3,750.00
Soccer Goals	Small Sided 9-A-Side Soccer Goal, 7' X 16', Portable (Old Part SG90716)	Pair	\$ 2,500.00
Soccer Goals	Small Sided 7-A-Side Soccer Goal, 6' X 16', Portable (Old Part SG70616)	Pair	\$ 2,188.33
Soccer Goals	Small Sided 5-A-Side Soccer Goal, 4' X 16', Portable (Old Part SG50416)	Pair	\$ 1,563.33
Soccer Goals	Small Sided 5-A-Side Soccer Goal, 4' X 12', Portable (Old Part SG50412)	Pair	\$ 1,563.33
Soccer Goals	Small Sided 5-A-Side Soccer Goal, 4' X 8', Portable (Old Part SG5048)	Pair	\$ 1,875.00
Soccer Goals	Small Sided 4' X 12' Soccer Net, 3 MM, White	Pair	\$ 225.00

## UNIT PRICE SCHEDULES

SOCCER, LACROSSE, NETBALL			
Product Description		UOM	Price
Soccer Goals	Small Sided 4' X 16' Soccer Net, 3 MM, White	Pair	\$ 225.00
Soccer Goals	Small Sided 4' X 8' Soccer Net, 3 MM, White	Pair	\$ 191.67
Soccer Goals	Small Sided 6' X 16' Soccer Net, 3 MM, White	Pair	\$ 225.00
Soccer Goals	Small Sided 7' X 16' Soccer Net, 3 MM, White	Pair	\$ 225.00
Soccer Goals	8' X 24' FIFA-Style Touchline™ Soccer Net, 4 MM, White	Pair	\$ 375.00
Soccer Goals	8' X 24' Touchline™ Soccer Net, 4 MM, White Hexagon Shape Openings	Pair	\$ 375.00
Soccer Goals	8' X 24' Touchline™ Soccer Net, 4 MM, White	Pair	\$ 345.00
Soccer Goals	8' X 24' Touchline™ Soccer Net, 4 MM, Orange	Pair	\$ 345.00
Soccer Goals	8' X 24' Touchline™ Soccer Net, 3 MM, White	Pair	\$ 250.00
Soccer Goals	8' X 24' Touchline™ Soccer Net, 3 MM, Orange	Pair	\$ 250.00
Soccer Goals	7' X 21' Touchline™ Soccer Net, 3 MM, White	Pair	\$ 220.00
Soccer Goals	7' X 21' Touchline™ Soccer Net, 3 MM, Orange	Pair	\$ 220.00
Soccer Goals	6 1/2' X 18' Touchline™ Soccer Net, 3 MM, White	Pair	\$ 156.67
Soccer Goals	6 1/2' X 18' Touchline™ Soccer Net, 3 MM, Orange	Pair	\$ 156.67
Soccer Goals	6' X 12' Touchline™ Soccer Net, 3 MM, White	Pair	\$ 125.00
Soccer Goals	4' X 9' Touchline™ Soccer Net, 3 MM, White	Pair	\$ 95.00
Soccer Goals	Net Clips, Bag Of 50	Pair	\$ 63.33
Soccer Goals	Soccer Goal Underground Anchors, Set Of Four	Set	\$ 188.33
Soccer Goals	Soccer Goal Screw Anchors, Set Of Four	Set	\$ 125.00
Soccer Goals	Soccer Goal Wheel Adapter Kit, Set Of Four	Set	\$ 313.33
Soccer Goals	Soccer Goal Corner Flag Anchors, Set Of Four	Set	\$ 63.33
Soccer Goals	Soccer Goal Corner Flags with Anchors, Set Of Four	Set	\$ 188.33
Soccer Goals	Soccer Goal Backstay Folding Bracket, Set Of Four	Set	\$ 406.67
Soccer Goals	Wrap-Around Soccer Pole Pad for 3-1/2" - 4-1/2" Round Poles and 4" Square Poles	Each	\$ 125.00
Soccer Goals	Fitted Soccer Pole Pad for 4" Square and 4" x 2" Posts	Each	\$ 156.67
Soccer Goals	Competition Fitted Soccer Pole Pad for 4" Square and 4" x 2" Soccer Posts, White Only	Each	\$ 156.67

## UNIT PRICE SCHEDULES

SOCCER, LACROSSE, NETBALL			
Product Description		UOM	Price
Soccer Goals	Alphatec™ 78" x 52" Portable Soccer Scoreboard	Each	\$ 4,150.00
Soccer Goals	Alphatec™ 52" x 28" Portable Soccer Scoreboard	Each	\$ 2,813.33
Soccer Goals	Field Force™ Custom Outdoor Netting	Each	Call for Quote
Soccer Goals	Touchline Striker™ Soccer Goal, 8' X 24', Portable, Round Frame (Old Part SG30824S)	Pair	\$ 6,250.00
Soccer Training Aids	Soccer Rebounder, 4' X 6', Adjustable	Each	\$ 125.00
Soccer Training Aids	Soccer Rebounder, 6' X 12'	Each	\$ 250.00
Soccer Training Aids	Field Force™ Multi-Sport Blocker	Each	\$ 375.00



## UNIT PRICE SCHEDULES

<b>FOOTBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Football	Redzone™ 4-1/2" O.D., 23' 4" Crossbar, High School Football Goalposts, Galvanized, Permanent/Sleeve-Mount	Pair	\$ 4,063.33
Football	Redzone™ 4-1/2" O.D., 23' 4" Crossbar, High School Football Goalposts, White, Permanent/Sleeve-Mount	Pair	\$ 4,375.00
Football	Redzone™ 4-1/2" O.D., 23' 4" Crossbar, High School Football Goalposts, Yellow, Permanent/Sleeve-Mount	Pair	\$ 4,375.00
Football	Redzone™ 4-1/2" O.D., 23' 4" Crossbar, High School Football Goalposts, Galvanized, Plate-Mount	Pair	\$ 5,625.00
Football	Redzone™ 4-1/2" O.D., 23' 4" Crossbar, High School Football Goalposts, White, Plate-Mount	Pair	\$ 5,938.33
Football	Redzone™ 4-1/2" O.D., 23' 4" Crossbar, High School Football Goalposts, Yellow, Plate-Mount	Pair	\$ 5,938.33
Football	Redzone™ 5-9/16" O.D., 23' 4" Crossbar, High School Football Goalposts, Galvanized, Permanent/Sleeve-Mount	Pair	\$ 7,500.00
Football	Redzone™ 5-9/16" O.D., 23' 4" Crossbar, High School Football Goalposts, White, Permanent/Sleeve-Mount	Pair	\$ 7,813.33
Football	Redzone™ 5-9/16" O.D., 23' 4" Crossbar, High School Football Goalposts, Yellow, Permanent/Sleeve-Mount	Pair	\$ 7,813.33
Football	Redzone™ 5-9/16" O.D., 23' 4" Crossbar, High School Football Goalposts, Galvanized, Plate-Mount	Pair	\$ 8,750.00
Football	Redzone™ 5-9/16" O.D., 23' 4" Crossbar, High School Football Goalposts, White, Plate-Mount	Pair	\$ 9,063.33
Football	Redzone™ 5-9/16" O.D., 23' 4" Crossbar, High School Football Goalposts, Yellow, Plate-Mount	Pair	\$ 9,063.33
Football	Redzone™ 4-1/2" O.D., 18' 6" Crossbar, College Football Goalposts, Galvanized, Permanent/Sleeve-Mount	Pair	\$ 4,063.33
Football	Redzone™ 4-1/2" O.D., 18' 6" Crossbar, College Football Goalposts, White, Permanent/Sleeve-Mount	Pair	\$ 4,375.00
Football	Redzone™ 4-1/2" O.D., 18' 6" Crossbar, College Football Goalposts, Yellow, Permanent/Sleeve-Mount	Pair	\$ 4,375.00
Football	Redzone™ 4-1/2" O.D., 18' 6" Crossbar, College Football Goalposts, Galvanized, Plate-Mount	Pair	\$ 5,625.00
Football	Redzone™ 4-1/2" O.D., 18' 6" Crossbar, College Football Goalposts, White, Plate-Mount	Pair	\$ 5,938.33
Football	Redzone™ 4-1/2" O.D., 18' 6" Crossbar, College Football Goalposts, Yellow, Plate-Mount	Pair	\$ 5,938.33
Football	Redzone™ 5-9/16" O.D., 18' 6" Crossbar, College Football Goalposts, Galvanized, Permanent/Sleeve-Mount	Pair	\$ 7,500.00
Football	Redzone™ 5-9/16" O.D., 18' 6" Crossbar, College Football Goalposts, White, Permanent/Sleeve-Mount	Pair	\$ 7,813.33
Football	Redzone™ 5-9/16" O.D., 18' 6" Crossbar, College Football Goalposts, Yellow, Permanent/Sleeve-Mount	Pair	\$ 7,813.33
Football	Redzone™ 5-9/16" O.D., 18' 6" Crossbar, College Football Goalposts, Galvanized, Plate-Mount	Pair	\$ 8,750.00
Football	Redzone™ 5-9/16" O.D., 18' 6" Crossbar, College Football Goalposts, White, Plate-Mount	Pair	\$ 9,063.33
Football	Redzone™ 5-9/16" O.D., 18' 6" Crossbar, College Football Goalposts, Yellow, Plate-Mount	Pair	\$ 9,063.33
Football	Redzone™ 4-1/2" Football Goalpost Ground Sleeve	Pair	\$ 813.33
Football	Redzone™ 5-9/16" Football Goalpost Ground Sleeve	Pair	\$ 1,188.33
Football	Combination Football/Soccer Goal	Pair	\$ 4,375.00

## UNIT PRICE SCHEDULES

<b>FOOTBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Football	Football Goalpost Pad, Fits Poles Up To 4-1/2" O.D.	Each	\$ 563.33
Football	Football Goalpost Pad, Fits Poles Up To 6" O.D.	Each	\$ 563.33
Football	Material – FBGP-520 Max-1 All Aluminum Football Goal Posts with 6' Offset and 20' Uprights*	Each	\$ 18,092.62
Football	Material – FBGP-530 Max-1 All Aluminum Football Goal Posts with 6' Offset and 30' Uprights	Each	\$ 18,625.21
Football	Material – FBGP-820 Max-1 All Aluminum Football Goal Posts with 8' Offset and 20' Uprights	Each	\$ 18,451.23
Football	Material – FBGP-830 Max-1 All Aluminum Football Goal Posts with 8' Offset and 30' Uprights	Each	\$ 18,977.42
Football	Material – FBGP-420 Max-1 All Aluminum Football Goal Posts with 6' Offset and 20' Uprights and Leveling Plate	Each	\$ 19,331.76
Football	Material – FBGP-430 Max-1 All Aluminum Football Goal Posts with 6' Offset and 30' Uprights and Leveling Plate	Each	\$ 19,864.35
Football	Material – FBGP-920 Max-1 All Aluminum Football Goal Posts with 8' Offset and 20' Uprights and Leveling Plate	Each	\$ 19,864.35
Football	Material – FBGP-930 Max-1 All Aluminum Football Goal Posts with 8' Offset and 30' Uprights and Leveling Plate	Each	\$ 20,396.94
Football	Material – FBHG-1 Football Hinge Kit	Each	\$ 1,721.89
Football	Material – FBGPAF-1 Access Frame and Covers	Each	\$ 2,951.94
Football	Material – FBGPAF-2 Access Frame and Covers (for use with goal post hinge kit)	Each	\$ 3,444.50
Football	Material – FBSLV8 Standard Ground Sleeve 6-5/8" dia.	Each	\$ 2,560.44
Football	Material – SFGA-6 Soccer/Football Anchor Kits 6-5/8" OD Gooseneck	Each	\$ 321.09
Football	Material – WS-42 Wind Streamers*	Each	\$ 48.51
Football	Material – PPP-800 Post Pads for 6-5/8" OD Posts*	Each	\$ 1,835.51
Football	Material – PVL-39 Custom Lettering, 3-9 White Vinyl Letters (One Side of One Pad Only)	Each	\$ 266.19
Football	Material – FNFB-30 FieldPro Football Ball Stop System, 30'Hx40'W	Each	\$ 12,699.44
Football	Material – FNFB-40 FieldPro Football Ball Stop System, 40'Hx40'W	Each	\$ 16,665.72
Football	Posts with 6' Offset and 20' Uprights and Telescoping Expandable Crossbar	Each	\$ 17,713.23
Football	Posts with 8' Offset and 20' Uprights and Telescoping Expandable Crossbar	Each	\$ 18,014.78
Football	Posts with 6' Offset and 20' Uprights, Telescoping Expandable Crossbar and Leveling Plate	Each	\$ 18,474.52
High School Football Equipment	Material – FBGP-520 Max-1 All Aluminum Football Goal Posts with 6' Offset and 20' Uprights*	Each	\$ 18,092.62
High School Football Equipment	Material – FBGP-530 Max-1 All Aluminum Football Goal Posts with 6' Offset and 30' Uprights	Each	\$ 18,625.21
High School Football Equipment	Material – FBGP-820 Max-1 All Aluminum Football Goal Posts with 8' Offset and 20' Uprights	Each	\$ 18,451.23
High School Football Equipment	Material – FBGP-830 Max-1 All Aluminum Football Goal Posts with 8' Offset and 30' Uprights	Each	\$ 18,977.42

## UNIT PRICE SCHEDULES

<b>FOOTBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
High School Football Equipment	Material – FBGP-420 Max-1 All Aluminum Football Goal Posts with 6’ Offset and 20’ Uprights and Leveling Plate	Each	\$ 19,331.76
High School Football Equipment	Material – FBGP-430 Max-1 All Aluminum Football Goal Posts with 6’ Offset and 30’ Uprights and Leveling Plate	Each	\$ 19,864.35
High School Football Equipment	Material – FBGP-920 Max-1 All Aluminum Football Goal Posts with 8’ Offset and 20’ Uprights and Leveling Plate	Each	\$ 19,864.35
High School Football Equipment	Material – FBGP-930 Max-1 All Aluminum Football Goal Posts with 8’ Offset and 30’ Uprights and Leveling Plate	Each	\$ 20,396.94
High School Football Equipment	Material – FBHG-1 Football Hinge Kit	Each	\$ 1,721.89
High School Football Equipment	Material – FBGPAF-1 Access Frame and Covers	Each	\$ 2,951.94
High School Football Equipment	Material – FBGPAF-2 Access Frame and Covers (for use with goal post hinge kit)	Each	\$ 3,444.50
High School Football Equipment	Material – FBSLV8 Standard Ground Sleeve 6-5/8” dia.	Each	\$ 2,560.44
High School Football Equipment	Material – SFGA-6 Soccer/Football Anchor Kits 6-5/8” OD Gooseneck	Each	\$ 321.09
Collegiate Football Goals	Material – FBGP-520AX Max-1 All Aluminum Football Goal Posts with 6’ Offset and 20’ Uprights and Telescoping Expandable Crossbar	Each	\$ 20,222.97
Collegiate Football Goals	Material – FBGP-820AX Max-1 All Aluminum Football Goal Posts with 8’ Offset and 20’ Uprights and Telescoping Expandable Crossbar	Each	\$ 20,570.91
Collegiate Football Goals	Material – FBGP-420AX Max-1 All Aluminum Football Goal Posts with 6’ Offset and 20’ Uprights, Telescoping Expandable Crossbar and Leveling Plate	Each	\$ 21,101.36
Collegiate Football Goals	Material - FBGP-920AX Max-1 All Aluminum Football Goal Posts with 8’ Offset and 20’ Uprights, Telescoping Expandable Crossbar and Leveling Plate	Each	\$ 21,455.71
Football Accessories	Material – WS-42 Wind Streamers*	Each	\$ 48.51
Football Accessories	Material – PPP-800 Post Pads for 6-5/8” OD Posts*	Each	\$ 1,835.51
Football Accessories	Material – PVL-39 Custom Lettering, 3-9 White Vinyl Letters (One Side of One Pad Only)	Each	\$ 266.19
Football Accessories	Material – FNFB-30 FieldPro Football Ball Stop System, 30’Hx40’W	Each	\$ 12,699.44
Football Accessories	Material – FNFB-40 FieldPro Football Ball Stop System, 40’Hx40’W	Each	\$ 16,665.72

## UNIT PRICE SCHEDULES

<b>POOL AMENITIES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Pool	Pool Blankets-Material – 47129 Pool Blanket with woven 10x10 count per inch*	Square Foot	\$5.58
Pool	Pool Blankets-Material – 47129 Pool Blanket with woven 12x12 count per inch	Each	\$6.73
Pool	Storage System: Material – 50150 Bitterroot I – Storage System	Each	\$12,897.31
Pool	Storage System: Material – 50150 Bitterroot II – Storage System	Each	\$15,851.37
Pool	Storage System: Material – 50180 Bitterroot III – Storage System	Each	\$19,248.32
Pool	Storage System: Material – 50190 Single Winder Cover*	Each	\$828.44
Pool	Storage System: Material – 50195 Double/Triple Winder Cover	Each	\$952.56
Pool	Dive Stands: Material – 22121 Rear Access 1M Cheyenne Dive Stand*	Each	\$27,167.13
Pool	Dive Stands: Material – 22123 Side Access 1M Cheyenne Dive Stand	Each	\$27,955.23
Pool	Dive Stands: Material – 22140 Rear Access Anchor Kit*	Each	\$2,309.76
Pool	Dive Stands: Material – 22160 Side Access Anchor Kit	Each	\$2,752.64
Pool	Dive Stands: Material – 19177 Shallow Anchor For Dive Stand	Each	\$2,752.64
Pool	Dive Stands: Material – 47061 ½, ¾, One Meter Short Dive Stand – Rear Access or Side Access	Each	\$18,738.30
Pool	Dive Stands: Material – 22060 Durafirm Short Stand – Rails Both Sides	Each	\$20,693.52
Pool	Dive Stands: Material – 22090 Durafirm Short Stand – No Rails	Each	\$11,525.87
Pool	Dive Stands: Material – 22100 Deck Anchors (Set of 6)	Each	\$676.41
Pool	Dive Stands: Material – 22030 Durafirm 1M Stand – Rails Both Sides	Each	\$26,667.14
Pool	Dive Stands: Material – 22020 Durafirm 1M Anchor Set (Set of 8)	Each	\$917.27
Pool	Dive Stands: Material – 22010 Durafirm 3M Stand – Rails Both Sides	Each	\$54,163.34
Pool	Dive Stands: Material – 22020 Durafirm 3M Anchor Set (Set of 8)	Each	\$917.27
Pool	Dive Boards: Material – 22300 10' Commercial Fiberglass Dive Board*	Each	\$3,787.87
Pool	Dive Boards: Material – 22310 12' Commercial Fiberglass Dive Board	Each	\$4,719.74
Pool	Dive Boards: Material – 22320 14' Commercial Fiberglass Dive Board	Each	\$7,201.67
Pool	Dive Boards: Material – 22330 16' Commercial Fiberglass Dive Board	Each	\$7,661.99
Pool	Dive Boards: Material – 22400 10' Aluminum Dive Board	Each	\$5,738.80
Pool	Dive Boards: Material – 22410 12' Aluminum Dive Board	Each	\$6,983.69
Pool	Dive Boards: Material – 22420 14' Aluminum Dive Board	Each	\$10,310.30

## UNIT PRICE SCHEDULES

POOL AMENITIES			
Product Description		UOM	Price
Pool	Dive Boards: Material – 22430 16’ Aluminum Dive Board	Each	\$11,287.83
Pool	Dive Boards: Material – 22210 14’ Duraflex Dive Board	Each	\$11,099.53
Pool	Dive Boards: Material – 22220 16’ Duraflex Dive Board	Each	\$11,732.30
Pool	Dive Boards: Material – 22240 Maxiflex B 13’ to 16’ Dive Board	Each	\$13,464.46
Pool	Pool Lift: Material – 57961 Freedom Pool Lift*	Each	\$8,474.23
Pool	Pool Lift: Material – 42618 Portable Freedom Pool Lift	Each	\$15,546.95
Pool	Pool Ladder: Material – 35129 Pool Ladder – 2 Step Standard*	Each	\$13,587.76
Pool	Pool Ladder: Material – 35131 Pool Ladder – 3 Step Standard	Each	\$2,248.73
Pool	Pool Ladder: Material – 35133 Pool Ladder – 4 Step Standard	Each	\$2,541.85
Pool	Pool Ladder: Material – 35135 Pool Ladder – 5 Step Standard	Each	\$2,789.27
Pool	Pool Ladder: Material – 36178 Pool Ladder – 2 Step Heavy Duty	Each	\$3,180.27
Pool	Pool Ladder: Material – 36399 Pool Ladder – 3 Step Heavy Duty	Each	\$3,070.40
Pool	Pool Ladder: Material – 36401 Pool Ladder – 4 Step Heavy Duty	Each	\$3,391.22
Pool	Pool Ladder: Material – 36403 Pool Ladder – 5 Step Heavy Duty	Each	\$3,671.98
Pool	Starting Platforms: Material – 57282SP Xcellerator Starting Platform with Single Post	Each	\$4,045.04
Pool	Starting Platforms: Material – 57282DP Xcellerator Starting Platform with Dual Post	Each	\$7,063.19
Pool	Starting Platforms: Material – 57283 Record Breaker – Single Post*	Each	\$7,328.69
Pool	Starting Platforms: Material – 57741 Record Breaker – Dual Post	Each	\$4,585.20
Pool	Platform Accessories: Material – 21700 Single Post Anchor *	Each	\$855.47
Pool	Platform Accessories: Material – 21705 Anchor Set Tool	Each	\$336.22
Pool	Platform Accessories: Material – Xcellerator Access Step (Side Only)	Each	\$5,330.74
Pool	Platform Accessories: Material – Record Breaker Access Step (Side or Rear)	Each	\$5,373.31
Pool	Platform Accessories: Custom Color	Each	\$259.36
Pool	Platform Accessories: Custom Logo	Each	\$602.28
Pool	Material – 55810 Anti-Wave 4.75” Forerunner Lane Line 60’* Racing Lane	Each	\$1,380.85
Pool	Material – 55815 Anti-Wave 4.75” Forerunner Lane Line 75’ Racing Lane	Each	\$1,486.61
Pool	Material – 55820 Anti-Wave 4.75” Forerunner Lane Line 25M Racing Lane	Each	\$1,579.25

## UNIT PRICE SCHEDULES

<b>POOL AMENITIES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Pool	Material – 55825 Anti-Wave 4.75” Forerunner Lane Line 50M Racing Lane	Each	\$2,584.81
Pool	Material – 55830 Anti-Wave 4.75” Forerunner Lane Line 50M with 1 Disconnect Racing Lane	Each	\$2,916.01
Pool	Material – 55840 Anti-Wave 4.75” Forerunner Lane Line – Custom Length by Foot Racing Lane	Each	\$45.68
Pool	Material – 55860 Anti-Wave 6” Maximum Lane Line 60’ Racing Lane	Each	\$1,646.76
Pool	Material – 55855 Anti-Wave 6” Maximum Lane Line 75’ Racing Lane	Each	\$1,818.42
Pool	Material – 55860 Anti-Wave 6” Maximum Lane Line 25M Racing Lane	Each	\$1,864.74
Pool	Material – 55865 Anti-Wave 6” Maximum Lane Line 50M Racing Lane	Each	\$3,041.34
Pool	Material – 55870 Anti-Wave 6” Maximum Lane Line 50M with 1 Disconnect Racing Lane	Each	\$3,404.63
Pool	Material – 55875 Anti-Wave 6” Maximum Lane Line 50M with 2 Disconnects Racing Lane	Each	\$3,456.40
Pool	Material – 55880 Anti-Wave 6” Maximum Lane Line – Custom Length by Foot Racing Lane	Each	\$50.23
Pool	Material – 55020 Competitor 4” Design 60’ Lane Line Racing Lane	Each	\$1,581.37
Pool	Material – 55040 Competitor 4” Design 75’ Lane Line Racing Lane	Each	\$1,641.31
Pool	Material – 55060 Competitor 4” Design 25M Lane Line Racing Lane	Each	\$1,717.61
Pool	Material – 55080 Competitor 4” Design 50M Lane Line Racing Lane	Each	\$2,896.93
Pool	Material – 55100 Competitor 4” Design 25M Disc to 1 – 75’ Lane Racing Lane	Each	\$2,157.35
Pool	Material – 55120 Competitor 4” Design 50M Disc to 2 – 75’ Lanes Racing Lane	Each	\$3,410.08
Pool	Material – 55140 Competitor 4” Design 50M Disc to 1 – 75’ Lane Racing Lane	Each	\$3,350.13
Pool	Material – 55160 Competitor 4” Design 50M Disc to 1 – 75’ Lane and 1 – 25M Lane Racing Lane	Each	\$3,410.08
Pool	Material – 55170 Competitor 4” Design Custom Line (Per Foot) Racing Lane	Each	\$47.91
Pool	Material – 55180 Hardware Kit for Custom Lines Racing Lane	Each	\$351.25
Pool	Material – 55220 Gold Medal 6” Design 60’ Lane Line Racing Lane	Each	\$1,778.70
Pool	Material – 55240 Gold Medal 6” Design 75’ Lane Line Racing Lane	Each	\$1,953.44
Pool	Material – 55260 Gold Medal 6” Design 25M Lane Line Racing Lane	Each	\$2,025.34
Pool	Material – 55280 Gold Medal 6” Design 50M Lane Line Racing Lane	Each	\$3,456.40
Pool	Material – 55300 Gold Medal 6” Design 25M Disc to 1 – 75’ Lane Racing Lane	Each	\$2,411.64
Pool	Material – 55320 Gold Medal 6” Design 50M Disc to 2 – 75’ Lanes Racing Lane	Each	\$4,031.60
Pool	Material – 55340 Gold Medal 6” Design 50M Disc to 1 – 75’ Lane and 1 – 25M Lane Racing Lane	Each	\$4,017.98

## UNIT PRICE SCHEDULES

POOL AMENITIES			
Product Description		UOM	Price
Pool	Material – 55290 Gold Medal 6” Design Custom Line (Per Foot) Racing Lane	Each	\$61.40
Pool	Material – 55525 Sheridan Storage Reel*	Each	\$6,029.69
Pool	Material – 55552 Sheridan Reel Cover*	Each	\$884.44
Pool	Material – 84299 Dawson Water Polo Goal, Cage and Net*	Each	\$6,494.81
Pool	Material – 84298 Rear Leg Set for 7” Setback*	Each	\$931.92
Pool	Material – 84297 Rear Leg Set for 30” Setback	Each	\$1,267.91
Pool	Material – 84294 Rear Leg Set for 36” Setback	Each	\$1,374.80
Pool	Material – 23638 6” Bronze Anchor (2 Required Per Goal)	Each	\$382.00
Pool	Material – 84230 Odyssey Polo Goal	Each	\$7,628.52
Pool	Swimming Scoreboards (Wireless) - Material –6745 NL Swimming Scoreboard*	Each	\$11,214.73

## UNIT PRICE SCHEDULES

<b>TENNIS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Outdoor Tennis Equipment	Material – RTP-300 Deluxe Round Tennis Posts – Color Green	Each	\$ 882.41
Outdoor Tennis Equipment	Material – RTP-300BK Deluxe Round Tennis Posts – Color Black	Each	\$ 882.41
Outdoor Tennis Equipment	Material – RTPGS-3 Ground Sleeve for RTP-300	Each	\$ 319.39
Outdoor Tennis Equipment	Material – STP-200 Deluxe Square Tennis Posts – Color Green	Each	\$ 882.41
Outdoor Tennis Equipment	Material – STP-200BK Deluxe Square Tennis Posts – Color Black	Each	\$ 882.41
Outdoor Tennis Equipment	Material – STPGS-2 Ground Sleeve for STP-200	Each	\$ 319.39
Outdoor Tennis Equipment	Material – TP-125 Heavy Duty Permanent/Semi Permanent Tennis Posts – Powder Coated*	Each	\$ 1,038.29
Outdoor Tennis Equipment	Material – TPGS-35 Heavy Duty Permanent/Semi Permanent Tennis Posts – Galvanized Steel	Each	\$ 1,063.87
Outdoor Tennis Equipment	Material – TP-150G Ground Sleeve for 3 ½” Post	Each	\$ 418.13
Outdoor Tennis Equipment	Material – TTN-3 Tournament Deluxe Tennis Net	Each	\$ 467.04
Outdoor Tennis Equipment	Material – TPL-5 Collegiate Model Tennis Net*	Each	\$ 365.60
Outdoor Tennis Equipment	Material – CS-1 Center Strap*	Each	\$ 32.28
Outdoor Tennis Equipment	Material – A-2 Center Strap Anchor*	Each	\$ 95.88
Outdoor Tennis Equipment	Material – PB40PC Courtside 4’ Tennis Bench	Each	\$ 838.25
Outdoor Tennis Systems and Accessories	3” Round Competition Tennis Posts, Green	Pair	\$ 656.67
Outdoor Tennis Systems and Accessories	3” Round Competition Tennis Posts, Black	Pair	\$ 656.67
Outdoor Tennis Systems and Accessories	3” Square Championship Tennis Posts, Green	Pair	\$ 720.00
Outdoor Tennis Systems and Accessories	3” Square Championship Tennis Posts, Black	Pair	\$ 720.00
Outdoor Tennis Systems and Accessories	2 7/8” External Ratchet Tennis Posts, Green	Pair	\$ 406.67
Outdoor Tennis Systems and Accessories	42’, 3 Mm Premium Polyethylene Tennis Net	Each	\$ 375.00
Outdoor Tennis Systems and Accessories	42’, 3.5 Mm Premium Polyethylene Tennis Net	Each	\$ 500.00
Outdoor Tennis Systems and Accessories	42’, 3.5 Mm Premium Polyethylene Tennis Net, Double Center	Each	\$ 500.00
Outdoor Tennis Systems and Accessories	Heavy-Duty Ground Sleeves for Round Tennis Posts	Pair	\$ 188.33
Outdoor Tennis Systems and Accessories	Heavy-Duty Ground Sleeves for Square Tennis Posts	Pair	\$ 220.00
Outdoor Tennis Systems and Accessories	Heavy-Duty Ground Sleeves for External Ratchet Tennis Posts	Pair	\$ 125.00
Outdoor Tennis Systems and Accessories	Tennis Net Center Strap	Each	\$ 20.00
Outdoor Tennis Systems and Accessories	Ground Anchor for Tennis Net Center Strap	Each	\$ 31.67



## UNIT PRICE SCHEDULES

TENNIS			
Product Description		UOM	Price
Indoor Tennis Systems	Deluxe Indoor Aluminum Tennis System	Each	\$ 2,688.33
Indoor Tennis Systems	Deluxe Indoor Aluminum Tennis System Less Sleeves & Covers	Each	\$ 1,563.33
Indoor Tennis Systems	Deluxe Indoor Professional Tennis Net	Each	\$ 438.33
Indoor Tennis Systems	Deluxe Indoor Aluminum Tennis Upright	Each	\$ 563.33
Indoor Tennis Systems	Deluxe Indoor Aluminum Tennis Upright with Winch	Each	\$ 920.00
Indoor Tennis Systems	Deluxe Indoor Aluminum Tennis Center Upright	Each	\$ 920.00

## UNIT PRICE SCHEDULES

<b>TETHERBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Tetherball Equipment	Material – TBP-200 Semi-Permanent Outdoor Tetherball Pole	Each	\$ 609.62
Tetherball Equipment	Material – TBP-250 Mega-Duty Permanent Outdoor Tetherball Pole*	Each	\$ 662.22
Tetherball Equipment	Material – TBP-BALL Tetherball (Ball and Nylon Rope Cord Only)*	Each	\$ 76.25
Outdoor Tetherball Systems and Accessories	In-Ground Tetherball System, Permanent Installation	Each	\$ 250.00
Outdoor Tetherball Systems and Accessories	Sleeve-Type Tetherball System, Ground Sleeve Not Included	Each	\$ 250.00
Outdoor Tetherball Systems and Accessories	Sleeve-Type Tetherball System, Ground Sleeve Installation, Includes Sleeve	Each	\$ 313.33
Outdoor Tetherball Systems and Accessories	Portable Tetherball System	Each	\$ 625.00
Outdoor Tetherball Systems and Accessories	Standard Tetherball with Nylon Rope	Each	\$ 63.33
Outdoor Tetherball Systems and Accessories	Tetherball Ground Sleeve, 2 3/8"	Each	\$ 95.00
Outdoor Tetherball Systems and Accessories	Tetherball Sleeve Adapter, 3"	Each	\$ 95.00
Outdoor Tetherball Systems and Accessories	Tetherball Sleeve Adapter, 3-1/2"	Each	\$ 95.00
Outdoor Tetherball Systems and Accessories	Tetherball Sleeve Adapter, 4"	Each	\$ 95.00
Outdoor Tetherball Systems and Accessories	Locking Cap for 2-3/8" Tetherball Ground Sleeve	Each	\$ 95.00
Outdoor Tetherball Systems and Accessories	Cap for 2-3/8" O.D. Tetherball Ground Sleeve	Each	\$ 63.33
Outdoor Tetherball Systems and Accessories	In-Ground Tetherball System, Permanent Installation	Each	\$ 250.00
Outdoor Tetherball Systems and Accessories	Sleeve-Type Tetherball System, Ground Sleeve Not Included	Each	\$ 250.00
Outdoor Tetherball Systems and Accessories	Sleeve-Type Tetherball System, Ground Sleeve Installation, Includes Sleeve	Each	\$ 313.33
Outdoor Tetherball Systems and Accessories	Portable Tetherball System	Each	\$ 625.00
Outdoor Tetherball Systems and Accessories	Standard Tetherball with Nylon Rope	Each	\$ 63.33
Outdoor Tetherball Systems and Accessories	Tetherball Ground Sleeve, 2 3/8"	Each	\$ 95.00
Outdoor Tetherball Systems and Accessories	Tetherball Sleeve Adapter, 3"	Each	\$ 95.00
Outdoor Tetherball Systems and Accessories	Tetherball Sleeve Adapter, 3-1/2"	Each	\$ 95.00
Outdoor Tetherball Systems and Accessories	Tetherball Sleeve Adapter, 4"	Each	\$ 95.00
Outdoor Tetherball Systems and Accessories	Locking Cap for 2-3/8" Tetherball Ground Sleeve	Each	\$ 95.00
Outdoor Tetherball Systems and Accessories	Cap for 2-3/8" O.D. Tetherball Ground Sleeve	Each	\$ 63.33

## UNIT PRICE SCHEDULES

COLLEGIATE TRACK & FIELD EQUIPMENT			
Product Description		UOM	Price
Collegiate - Hammer/Discus	Material – 732100 NCAA Hammer/Discus Cage	Each	\$56,249.31
Collegiate - Hammer/Discus	Material – 732200 NCAA Tall Hammer/Discus Cage	Each	\$64,227.64
Collegiate - Hammer/Discus	Material – 362 Hammer Conversion Circle*	Each	\$2,256.80
Collegiate - Hammer/Discus	Material – 374 Aluminum Hammer Circle with 2” Angle Profile	Each	\$1,010.88
Collegiate - Hammer/Discus	Material – 366 Aluminum Hammer Circle With Cross Bracing	Each	\$1,526.16
Collegiate - Hammer/Discus	Material – 732105 NCAA Double Ring Hammer/Discus Cage	Each	\$59,252.01
Collegiate - Hammer/Discus	Material – 732205 NCAA Tall Double Ring Hammer/Discus Cage	Each	\$66,224.14
Collegiate "Loose Good" - High Jump	Material – 64911 Maximus HJ Pit	Each	\$23,772.87
Collegiate "Loose Good" - High Jump	Material – 6491102 Maximus Weather Cover	Each	\$2,956.30
Collegiate "Loose Good" - High Jump	Material – 64611 Collegiate HJ Pit	Each	\$16,573.02
Collegiate "Loose Good" - High Jump	Material – 6461102 Collegiate Weather Cover	Each	\$2,305.61
Collegiate "Loose Good" - High Jump	Material – 64311 National HJ Pit	Each	\$20,015.10
Collegiate "Loose Good" - High Jump	Material – 6431102 National Weather Cover	Each	\$2,355.71
Collegiate "Loose Good" - High Jump	Material – VP500 Collegiate HJ Value Pack	Each	\$19,844.93
Collegiate "Loose Good" - High Jump	Material – 525 International High Jump Crossbar	Each	\$562.90
Collegiate "Loose Good" - High Jump	Material – 529 AGX High Jump Crossbar	Each	\$623.73
Collegiate "Loose Good" - High Jump	Material – 730120 International HJ Standards	Each	\$3,457.81
Collegiate "Loose Good" - High Jump	Material – 705 Collegiate HJ Standards	Each	\$2,038.25
Collegiate "Loose Good" - High Jump	Material – 7010 National HJ Standards	Each	\$2,508.91
Collegiate "Loose Good" Pole Vault	Material – 715V Angled Base Pads	Each	\$2,851.96
Collegiate "Loose Good" Pole Vault	Material – 526 International PV Crossbar	Each	\$566.80
Collegiate "Loose Good" Pole Vault	Material – 530 AGX PV Crossbar	Each	\$639.32
Collegiate "Loose Good" Pole Vault	Material – 66711 Maximus PV Pit	Each	\$51,144.69
Collegiate "Loose Good" Pole Vault	Material – 6671102 Maximus Weather Cover	Each	\$4,634.37
Collegiate "Loose Good" Pole Vault	Material – 66311 National PV Pit	Each	\$44,445.71
Collegiate "Loose Good" Pole Vault	Material – 6631102 National Weather Cover	Each	\$4,125.80
Collegiate "Loose Good" Pole Vault	Material – 66511 International PV Pit	Each	\$47,118.99
Collegiate "Loose Good" Pole Vault	Material – 6651102 International Weather Cover	Each	\$4,307.00
Collegiate "Loose Good" Pole Vault	Material – 730110 International PV Standards	Each	\$14,625.75
Collegiate "Loose Good" Pole Vault	Material – 7141 National PV Standards	Each	\$8,621.31

## UNIT PRICE SCHEDULES

COLLEGIATE TRACK & FIELD EQUIPMENT			
Product Description		UOM	Price
Collegiate "Loose Good" Starting Blocks	Material – 730165 Fusion I Starting Block	Each	\$901.48
Collegiate "Loose Good" Starting Blocks	Material – 410 Collegiate Starting Block	Each	\$411.84
Collegiate "Loose Good" Starting Blocks	Material – 730155 National Starting Block	Each	\$644.97
Collegiate "Loose Good" Starting Blocks	Material – 9240 Transporter Black Cart	Each	\$2,347.26
Collegiate "Loose Good" Starting Blocks	Material – F500 Steeplechase Water Jump Form – Surface Mount	Each	\$9,419.49
Collegiate "Loose Good" Starting Blocks	Material – F50050 Water Valve Option	Each	\$1,610.61
Collegiate "Loose Good" Starting Blocks	Material – 730134 Ground Sleeve Water Jump Barrier	Each	\$7,301.54
Collegiate "Loose Good" Starting Blocks	Material – 730144A Surface Mount Water Jump Barrier	Each	\$4,663.11
Collegiate "Loose Good" Starting Blocks	Material – 730145V Vinyl Water Jump Barrier Seal*	Each	\$782.49
Collegiate "Loose Good" Starting Blocks	Material – 730135 Steeplechase Barrier Set with Drop Down Wheels	Each	\$22,780.96
Collegiate "Loose Good" Starting Blocks	Material – 730140 Steeplechase Barrier Set	Each	\$15,538.02
Collegiate "Loose Good" Starting Blocks	Material – 73014050 Set of Four Wheels	Each	\$412.94
Collegiate Discus	Material – 375 Aluminum Discus Circle with 2" Angle Profile	Each	\$1,022.02
Collegiate Discus	Material – 367 Aluminum Discus Circle with Cross Bracing	Each	\$1,559.58
Collegiate Discus	Material – 732130 NCAA Aluminum Discus Cage	Each	\$9,345.00
Collegiate Discus	Material – 732230 NCAA Portable Discus Cage	Each	\$23,575.83
Collegiate Hurdles and Starting Blocks	Material – 110 Continuum Manual Hurdle	Each	\$1,186.80
Collegiate Hurdles and Starting Blocks	Material – 112 Continuum Automatic Hurdle	Each	\$1,373.97
Collegiate Hurdles and Starting Blocks	Material – 4060 Collegiate Aluminum Hurdle	Each	\$749.07
Collegiate Hurdles and Starting Blocks	Material – 406 National Aluminum Hurdle	Each	\$586.18
Collegiate Hurdles and Starting Blocks	Material – 733630 Gill Flight Hurdle Cart	Each	\$918.85
Collegiate Long Jump	Material – 444 College Take-Off Board System	Each	\$1,069.67
Collegiate Long Jump	Material – 4350 NCAA Take-Off Board System	Each	\$1,994.96
Collegiate Long Jump	Material – F420 Series LJ/TJ Sand Pit Form with Ledge for Cover	Each	\$11,995.88
Collegiate Long Jump	Material – F440 Series LJ/TJ Sand Pit Form with Ledge and Sand Trap System	Each	\$23,958.73
Collegiate Long Jump	Material – F441 Series LJ/TJ Sand Pit Form with Ledge and Sand Trap System	Each	\$30,167.83
Collegiate Long Jump	Material – 730148 LJ/TJ Aluminum Sand Pit Cover	Each	\$66.51
Collegiate Long Jump	Material – 730147 Mesh and Vinyl Sand Pit Cover	Each	Call for Quote
Collegiate Long Jump	Material – 505 Cast Aluminum Vault Box	Each	Call for Quote
Collegiate Long Jump	Material – 504 Stainless Steel Vault Box	Each	Call for Quote

## UNIT PRICE SCHEDULES

COLLEGIATE TRACK & FIELD EQUIPMENT			
Product Description		UOM	Price
Collegiate Long Jump	Material – 500 Steel Vault Box	Each	Call for Quote
Collegiate Long Jump	Material – 507 Skydex Soft Vault Box	Each	Call for Quote
Collegiate Long Jump	Material – 50201 Aluminum Vault Box Lid – Recessed Mount	Each	Call for Quote
Collegiate Long Jump	Material - 50202 Aluminum Vault Box Lid – Flush Mount	Each	Call for Quote
Collegiate Long Jump	Material – 50401 Stainless Steel Vault Box Lid	Each	Call for Quote
Collegiate Long Jump	Material – 503 Universal Vault Box Lid	Each	Call for Quote
Collegiate Long Jump	Material – 50701 Vault Box Lid – Flush for Skydex Vault Box	Each	Call for Quote
Collegiate Shot Put	Material – 374 Aluminum Hammer Circle with 2” Angle Profile	Each	\$1,010.88
Collegiate Shot Put	Material – 366 Aluminum Hammer Circle With Cross Bracing	Each	\$1,526.16
Collegiate Shot Put	Material – 358 Synthetic Shot Toeboard for Depressed Pad	Each	\$616.26
Collegiate Shot Put	Material – 363 Aluminum Shot Toeboard for Depressed Pad	Each	\$929.96
Collegiate Shot Put	Material – 805 Steel Shot Cage	Each	\$5,185.06
Collegiate Shot Put	Material – 8050 Aluminum Shot Cage	Each	\$5,363.64
Hurdles and Starting Blocks	Material – 400 Gill Essentials Hurdle	Each	Call for Quote
Hurdles and Starting Blocks	Material – 411 Scholastic Aluminum Hurdle	Each	Call for Quote
Hurdles and Starting Blocks	Material – 403 High School Hurdle	Each	Call for Quote
Hurdles and Starting Blocks	Material – 402 Elite High School Hurdle	Each	Call for Quote
Hurdles and Starting Blocks	Material – 4060 Collegiate Aluminum Hurdle	Each	Call for Quote
Hurdles and Starting Blocks	Material – 406 National Aluminum Hurdle	Each	Call for Quote
Hurdles and Starting Blocks	Material – 4000 Hurdle Cart (41”)	Each	Call for Quote
Hurdles and Starting Blocks	Material – 733630 Flight Hurdle Cart	Each	Call for Quote
Loose Goods - Pole Vault Value Pack	Material – VP600 National PV Pit Value Pack	Each	\$56,436.74
Loose Goods - Pole Vault Value Pack	Material – VP305 Scholastic I PV Pit Value Pack	Each	Call for Quote
Loose Goods - Pole Vault Value Pack	Material – VP310 Scholastic II PV Pit Value Pack	Each	Call for Quote
Loose Goods - Pole Vault Value Pack	Material – VP600 National PV Pit Value Pack	Each	Call for Quote
Track Curbing	Material - 851A International Track Curbing	Each	\$21.50
Track Curbing	Material – 852A Anodized Track Curbing	Each	\$27.61
Track Curbing	Material – 852P Powder Coated Track Curbing	Each	\$27.58

**UNIT PRICE SCHEDULES**

<b>HIGH SCHOOL TRACK &amp; FIELD</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
High School - "Loose Good" Pole Vault	Material – 715F Flat Base Pads	Each	\$1,987.64
High School - "Loose Good" Pole Vault	Material – 715V Angled Base Pads	Each	\$2,844.57
High School - "Loose Good" Pole Vault	Material – 717 Vault Box Collar	Each	\$650.96
High School - "Loose Good" Pole Vault	Material – 523 Essentials Pole Vault Crossbar	Each	\$486.47
High School - "Loose Good" Pole Vault	Material – 526 International PV Crossbar	Each	\$566.80
High School - "Loose Good" Pole Vault	Material – 530 AGX PV Crossbar	Each	\$639.32
High School - "Loose Good" Pole Vault	Material – 653 Essentials PV Landing System	Each	\$25,907.90
High School - "Loose Good" Pole Vault	Material – 65302 Essentials Weather Cover	Each	\$2,443.90
High School - "Loose Good" Pole Vault	Material – 65411 Scholastic I PV Pit	Each	\$31,558.18
High School - "Loose Good" Pole Vault	Material - 6541102 Scholastic I Weather Cover	Each	\$3,034.32
High School - "Loose Good" Pole Vault	Material – 65611 Scholastic II PV Pit	Each	\$37,686.70
High School - "Loose Good" Pole Vault	Material - 6561102 Scholastic II Weather Cover	Each	\$3,666.39
High School - "Loose Good" Pole Vault	Material – 66311 National PV Pit	Each	\$44,464.18
High School - "Loose Good" Pole Vault	Material – 6631102 National Weather Cover	Each	\$4,236.57
High School - "Loose Good" Pole Vault	Material – 7110 Scholastic PV Standards	Each	\$3,376.19
High School - "Loose Good" Pole Vault	Material – 7130 Aluminum PV Standards	Each	\$3,753.52
High School - "Loose Good" Pole Vault	Material – 7141 National PV Standards	Each	\$8,621.31
High School - "Loose Good" High Jump	Material – VP400 Scholastic I HJ Value Pack	Each	\$9,851.21
High School - "Loose Good" High Jump	Material – VP410 Scholastic II HJ Value Pack	Each	\$14,001.97
High School - "Loose Good" High Jump	Material – 522 Essentials High Jump Crossbar	Each	\$484.91
High School - "Loose Good" High Jump	Material – 525 International High Jump Crossbar	Each	\$562.90
High School - "Loose Good" High Jump	Material – 529 AGX High Jump Crossbar	Each	\$623.73
High School - "Loose Good" High Jump	Material – 705 Collegiate HJ Standards	Each	\$2,023.48
High School - "Loose Good" High Jump	Material – 640A Essentials HJ Landing System	Each	\$8,283.02
High School - "Loose Good" High Jump	Material – 640A02 Essentials Weather Cover	Each	\$1,226.11
High School - "Loose Good" High Jump	Material – 64111 Scholastic I HJ Pit	Each	\$11,815.52
High School - "Loose Good" High Jump	Material – 6411102 Scholastic I Weather Cover	Each	\$1,603.84
High School - "Loose Good" High Jump	Material – 64211 Scholastic II HJ Pit	Each	\$14,684.36

**UNIT PRICE SCHEDULES**

<b>HIGH SCHOOL TRACK &amp; FIELD</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
High School - "Loose Good" High Jump	Material – 6421102 Scholastic II Weather Cover	Each	\$1,961.24
High School - "Loose Good" High Jump	Material – 700 Essentials HJ Standard	Each	\$861.24
High School - "Loose Good" High Jump	Material – 7040 Scholastic HJ Standards	Each	\$1,489.21
High School - "Loose Good" High Jump	Material – 7060 Aluminum HJ Standards	Each	\$1,614.51
High School - "Loose Good" High Jump	Material – 705 Collegiate HJ Standards	Each	\$2,029.02
High School - "Loose Good" Starting Blocks	Material – 414 All Surface Starting Block	Each	\$211.74
High School - "Loose Good" Starting Blocks	Material – 416 Gill Essentials Starting Block	Each	\$178.78
High School - "Loose Good" Starting Blocks	Material – 730167 Fusion III Starting Block	Each	\$591.63
High School - "Loose Good" Starting Blocks	Material – 412 Scholastic Starting Block	Each	\$282.51
High School - "Loose Good" Starting Blocks	Material – 410 Collegiate Starting Block	Each	\$402.61
High School - "Loose Good" Starting Blocks	Material – 730165 Fusion I Starting Block	Each	\$897.78
High School - "Loose Good" Starting Blocks	Material – 923 Essentials Starting Block Cart	Each	\$628.16
High School - "Loose Good" Starting Blocks	Material – 9240 Transporter Black Cart	Each	\$2,347.26
High School Discus	Material – 80401 Pro-Down Discus Cage with Ground Sleeve*	Each	\$4,044.85
High School Discus	Material – 80402 Pro-Down Discus Cage with Ground Plates	Each	\$6,266.07
High School Discus	Material – 8030 Steel High School Discus Cage	Each	\$6,410.26
High School Discus	Material – 8020 Aluminum High School Discus Cage	Each	\$6,314.86
High School Discus	Material – 8021 Aluminum High School Discus Cage with Rear Entry	Each	\$8,227.15
High School Discus	Material – 370 Aluminum Discus Circle*	Each	\$750.82
High School Discus	Material – 371 PC Discus Circle*	Each	\$920.92
High School Pole Vault	Material – 502 Aluminum Vault Box*	Each	\$932.62
High School Pole Vault	Material – 505 Cast Aluminum Vault Box	Each	\$1,745.95
High School Pole Vault	Material – 504 Stainless Steel Vault Box	Each	\$1,567.97
High School Pole Vault	Material – 500 Steel Vault Box	Each	\$819.03
High School Pole Vault	Material – 50201 Aluminum Vault Box Lid – Recessed Mount*	Each	\$825.87
High School Pole Vault	Material – 50202 Aluminum Vault Box Lid – Flush Mount	Each	\$872.35
High School Pole Vault	Material – 50401 Stainless Steel Vault Box Lid	Each	\$1,159.06
High School Pole Vault	Material – 503 Universal Vault Box Lid	Each	\$725.32

**UNIT PRICE SCHEDULES**

<b>HIGH SCHOOL TRACK &amp; FIELD</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
High School Shot Put	Material – 373 Powder Coated Steel Shot Circle*	Each	\$537.64
High School Shot Put	Material – 359 Synthetic Shot Toeboard for Level Pad*	Each	\$664.07
High School Shot Put	Material – 364 Aluminum Shot Toeboard for Level Pad	Each	\$937.35
High School Shot Put	Material – 369 Aluminum Shot Circle	Each	\$422.17
High School Shot Put	Material – 358 Synthetic Shot Toeboard for Depressed Pad	Each	\$676.55
High School Shot Put	Material – 363 Aluminum Shot Toeboard for Depressed Pad	Each	\$1,025.68
High School Shot Put	Material – 805 Steel Shot Cage	Each	\$5,138.90
High School Shot Put	Material – 8050 Aluminum Shot Cage	Each	\$5,308.26
Hurdles and Starting Blocks	Material – 400 Gill Essentials Hurdle	Each	\$550.42
Hurdles and Starting Blocks	Material – 411 Scholastic Aluminum Hurdle	Each	\$579.86
Hurdles and Starting Blocks	Material – 403 High School Hurdle	Each	\$668.96
Hurdles and Starting Blocks	Material – 402 Elite High School Hurdle	Each	\$734.47
Hurdles and Starting Blocks	Material – 4060 Collegiate Aluminum Hurdle	Each	\$749.07
Hurdles and Starting Blocks	Material – 406 National Aluminum Hurdle	Each	\$835.41
Hurdles and Starting Blocks	Material – 4000 Hurdle Cart (41”)	Each	\$1,851.26
Hurdles and Starting Blocks	Material – 733630 Flight Hurdle Cart	Each	\$918.85
Loose Goods - Pole Vault Value Pack	Material – VP600 National PV Pit Value Pack	Each	\$56,436.74
Loose Goods - Pole Vault Value Pack	Material – VP305 Scholastic I PV Pit Value Pack	Each	\$38,269.16
Loose Goods - Pole Vault Value Pack	Material – VP310 Scholastic II PV Pit Value Pack	Each	\$44,390.37
Loose Goods - Pole Vault Value Pack	Material – VP600 National PV Pit Value Pack	Each	\$56,436.74
Track Curbing	Material - 851A International Track Curbing	Each	\$21.50
Track Curbing	Material – 852A Anodized Track Curbing	Each	\$27.61
Track Curbing	Material – 852P Powder Coated Track Curbing	Each	\$27.58



## UNIT PRICE SCHEDULES

<b>OUTDOOR VOLLEYBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Outdoor Volleyball	Material – OCC-500 Coastal Competition Volleyball System*	Each	\$2,803.47
Outdoor Volleyball	Material – OCC-500N Coastal Competition Volleyball Net (Net Only)	Each	\$375.65
Outdoor Volleyball	Material – OCV-900 Competition Outdoor Volleyball System (excludes net)	Each	\$2,397.79
Outdoor Volleyball	Material – OS-350 Recreational Outdoor Volleyball System (excludes net)	Each	\$1,304.98
Outdoor Volleyball	Material – PVBN-6 Volleyball “Flex Net” 39”Wx32’L(Net Only)	Each	\$925.76
Outdoor Volleyball	Material – PVBN-1 High School Volleyball Net 36”Wx32’L (Net Only)	Each	\$341.33
Outdoor Volleyball	Material – VBN-32 Volleyball 36”Wx32’L (Net Only)	Each	\$157.32
Sand & Grass Volleyball	Mongoose® Wireless Volleyball System	Each	\$622.49
Sand & Grass Volleyball	Mongoose® Indoor Floor Plate Kit	Pair	\$177.51
Sand & Grass Volleyball	Mongoose® Indoor 3” Sleeve Adapter	Pair	\$177.51
Sand & Grass Volleyball	Mongoose® Indoor 3-1/2” Sleeve Adapter	Pair	\$177.51
Sand & Grass Volleyball	Mongoose® Indoor 4” Sleeve Adapter	Pair	\$267.46
Sand & Grass Volleyball	Mongoose® Indoor Custom Sleeve Adapter	Pair	Call for Quote
Sand & Grass Volleyball	Mongoose® Post Pad	Each	\$89.94
Sand & Grass Volleyball	Mongoose® Stretch Cord	Set	\$28.40
Sand & Grass Volleyball	Mongoose® Carrying Bag	Each	\$44.97
Sand & Grass Volleyball	Mongoose® Base Assembly	Pair	\$134.91
Sand & Grass Volleyball	Mongoose® Ground Stake	Pair	\$267.46
Sand & Grass Volleyball	Mongoose® Sand Paddle Kit	Pair	\$89.94
Sand & Grass Volleyball	Mongoose® Replacement Net	Each	\$89.94
Sand & Grass Volleyball	Mongoose® Lt Volleyball System	Each	\$355.03
Sand & Grass Volleyball	Mongoose® Lt Replacement Carrying Bag	Each	\$44.97
Sand & Grass Volleyball	Mongoose® Lt Replacement Ground Stake	Pair	\$134.91
Sand & Grass Volleyball	Mongoose® Lt Sand Paddle Kit	Pair	\$44.97
Sand & Grass Volleyball	Mongoose® Lt Replacement Net	Each	\$89.94
Sand & Grass Volleyball	2 3/8” O.D. Sideout™ Outdoor Volleyball Semi-Permanent Standards	Pair	\$1,065.09
Sand & Grass Volleyball	Locking Cover for 2-3/8” O.D. Ground Sleeve	Each	\$134.91

## UNIT PRICE SCHEDULES

<b>OUTDOOR VOLLEYBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Sand & Grass Volleyball	Cover for 2-3/8" O.D. Ground Sleeve	Each	\$89.94
Sand & Grass Volleyball	3-1/2" O.D. Sideout™ Outdoor Volleyball Semi-Permanent Standards	Pair	\$1,242.60
Sand & Grass Volleyball	Sideout™ Outdoor Volleyball Net (for Use W/ ODVB, ODVB35, and ODVB40SQ Standards)	Each	\$177.51
Sand & Grass Volleyball	4" Square Sideout™ Outdoor Volleyball Standards	Pair	\$1,420.12
Sand & Grass Volleyball	Beach Conversion Kit for ODVB40SQ Standards	Pair	\$622.49
Sand & Grass Volleyball	4" Square Sleeve for ODVB40SQ	Pair	\$622.49
Sand & Grass Volleyball	Cap for 6828 Square Sleeve	Pair	\$177.51
Telescopic & Multi-Sport Volleyball Systems	Liberio™ Omni-Aluminum Collegiate One-Court Volleyball System	Package	\$4,437.87
Telescopic & Multi-Sport Volleyball Systems	Liberio™ Omni-Aluminum Collegiate One-Court Volleyball System Less Sleeves and Covers	Package	\$3,950.30
Telescopic & Multi-Sport Volleyball Systems	Liberio™ Omni-Aluminum Collegiate Two-Court Volleyball System	Package	\$7,988.17
Telescopic & Multi-Sport Volleyball Systems	Liberio™ Omni-Aluminum Collegiate Two-Court Volleyball System Less Sleeves and Covers	Package	\$7,500.59
Telescopic & Multi-Sport Volleyball Systems	Omnisteel™ Collegiate Steel Telescopic One-Court Volleyball System	Package	\$4,437.87
Telescopic & Multi-Sport Volleyball Systems	Omnisteel™ Collegiate Steel Telescopic One-Court Volleyball System Less Sleeves & Covers	Package	\$3,950.30
Telescopic & Multi-Sport Volleyball Systems	Omnisteel™ Collegiate Steel Telescopic Two-Court Volleyball System	Package	\$7,988.17
Telescopic & Multi-Sport Volleyball Systems	Omnisteel™ Collegiate Steel Telescopic Two-Court Volleyball System Less Sleeves & Covers	Package	\$7,500.59
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Telescopic One-Court Volleyball System	Package	\$1,332.54
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Telescopic One-Court Volleyball System Less Sleeves and Covers	Package	\$1,775.15
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Telescopic Two-Court Volleyball System	Package	\$1,775.15
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Telescopic Two-Court Volleyball System Less Sleeves and Covers	Package	\$2,220.12
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Telescopic Upright	Each	\$5,325.44
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Telescopic Upright with Winch	Each	\$4,927.81
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Telescopic Center Upright	Each	\$8,875.74
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Telescopic Center Upright with Winch	Each	\$8,478.11
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Telescopic Three-Court Volleyball System	Package	\$1,775.15
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Telescopic Three-Court Volleyball System Less Sleeves and Covers	Package	\$2,175.15
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum One-Court Volleyball System	Package	\$1,997.63
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum One-Court Volleyball System Less Sleeves and Covers	Package	\$2,662.72

## UNIT PRICE SCHEDULES

<b>OUTDOOR VOLLEYBALL</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Two-Court Volleyball System	Package	\$10,650.89
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Two-Court Volleyball System Less Sleeves and Covers	Package	\$10,253.25
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Upright	Each	\$3,550.30
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Upright with Winch	Each	\$3,152.66
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Center Upright	Each	\$7,100.59
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Three-Court Volleyball System	Package	\$6,702.96
Telescopic & Multi-Sport Volleyball Systems	Rallyline™ Scholastic Aluminum Three-Court Volleyball System Less Sleeves and Covers	Package	\$1,775.15
Volleyball Equipment	Material – PVB-7000 Powerlite Volleyball System	Each	\$2,175.15
Volleyball Equipment	Material – PVB-5000 Featherlite Volleyball System*	Each	\$1,997.63
Volleyball Equipment	Material – PVB-1350 Multi-Purpose Aluminum Net System	Each	\$8,875.74
Volleyball Equipment	Material – PVB-75S Locking Brass Floorsleeves with Cover*	Each	\$8,478.11
Volleyball Equipment	Material – PVB-75S-CP Locking Chrome Floorsleeves with Cover	Each	\$922.67
Volleyball Equipment	Material – PVB-60P Volleyball Post Pad 6’ High (Sold in Pairs)*	Each	\$969.50
Volleyball Equipment	Material – VRS-8000 “Mega Ref” Folding Referee Stand	Each	\$2,009.05
Volleyball Equipment	Material – VRS-6000 Folding Referee Stand*	Each	\$1,395.35
Volleyball Equipment	Material – VRS-3000 Adjustable Referee Stand	Each	\$1,469.61
Volleyball Equipment	Material – VRS-60P Referee Stand Pad for VRS6000 or VRS8000 Folding Referee Stand*	Each	\$666.20
Volleyball Equipment	Material – VRS-30P Referee Stand Pad for Adjustable Referee Stand	Each	\$578.63
Volleyball Equipment	Material – EC-1000 Deluxe Equipment Carrier (Holds 6 Poles)	Each	\$931.20
Volleyball Equipment	Material – PVBN-6 “Flex Net” 39”Wx32’L	Each	\$195.58
Volleyball Equipment	Material – VBA-80 Volleyball Antennae (Pair)	Each	\$251.77

## UNIT PRICE SCHEDULES

<b>OUTDOOR SHADE STRUCTURES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Shade Structure Designs	20'x30' Hip Structure up to 12' H	Each	\$ 33,996.92
Shade Structure Designs	25'x25' Hip Structure up to 12' H	Each	\$ 38,230.77
Shade Structure Designs	30'x30' Hip Structure up to 12' H	Each	\$ 41,230.77
Shade Structure Designs	40'x30' Hip Structure up to 12' H	Each	\$ 55,230.77
Shade Structure Designs	18'x18' Single Post Hex up to 12' H	Each	\$ 30,384.62
Shade Structure Designs	40'x40' Hip Shade Structure up to 14'	Each	\$ 76,730.77
Shade Structure Designs	40'x40' Hyperbolic Shade Sail up to 15' H	Each	\$ 84,500.00

## UNIT PRICE SCHEDULES

<b>BACKSTOPS, NETS &amp; CAGES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Interior Backboards	Material – GBRUB-42 Rectangular 72"x42" Glass Backboard *	Each	\$1,444.18
Interior Backboards	Material – GBRUB-54 Rectangular 42"x54" Glass Backboard	Each	\$1,098.14
Interior Backboards	Material – GBAFR-48 Rectangular 48"x72" Glass Backboard	Each	\$1,871.97
Interior Backboards	Material - GCBB-35 Rectangular 42"x72" Glass Conversion Backboard	Each	\$2,049.08
Interior Backstops	Material–817-FFRB Backstop Forward Fold Rear Braced Under 28'(Welded)	Each	\$5,777.59
Interior Backstops	Material–817-FFRB Backstop Forward Fold Rear Braced 28'-32'(Bolted)	Each	\$5,988.16
Interior Backstops	Material – 817-FFRB Backstop Forward Fold Rear Braced 33'-40' (Bolted)	Each	\$6,508.47
Interior Backstops	Material – 818-WB Backstop, Wall Braced, Stationary Under 28' (Welded)	Each	\$4,700.32
Interior Backstops	Material – 818-WB Backstop, Wall Braced, Stationary 28'-32' (Bolted)	Each	\$4,923.10
Interior Backstops	Material – 818-WB Backstop, Wall Braced, Stationary 33'-40' (Bolted)	Each	\$5,464.77
Interior Backstops	Material – 823-BF Backstop Rear Fold Rear Braced Under 28', (Welded)	Each	\$5,512.09
Interior Backstops	Material – 823-BF Backstop Rear Fold Rear Braced 28'-32' (Bolted)	Each	\$5,725.71
Interior Backstops	Material – 823-BF Backstop Rear Fold Rear Braced 33'-40' (Bolted)	Each	\$6,233.81
Interior Backstops	Material – 826-NF Backstop Non Folding, Stationary Under 28' (Welded)	Each	\$4,752.20
Interior Backstops	Material – 826-NF Backstop Non Folding, Stationary 28'-32' (Bolted)	Each	\$4,974.98
Interior Backstops	<del>Installation – 826-NF Backstop Non Folding, Stationary 28'-32'</del>	Each	N/A
Interior Backstops	Material – 826-NF Backstop Non Folding, Stationary 33'-40' (Bolted)	Each	\$5,516.65
Interior Backstops	Material – 849-FFFB Backstop Forward Fold, Front Braced Under 28'(Welded)*	Each	\$5,512.09
Interior Backstops	Material – 849-FFFB Backstop Forward Fold, Front Braced 28'-32' (Bolted)	Each	\$5,725.71
Interior Backstops	Material – 849-FFFB Backstop Forward Fold, Front Braced 33'-40' (Bolted)	Each	\$6,236.86
Interior Backstops	Material – 850-OSB Backstop Forward Fold, Off Set Mast Under 28' (Welded)	Each	\$5,496.83
Interior Backstops	Material – 850-OSB Backstop Forward Fold, Off Set Mast 28'-32' (Bolted)	Each	\$5,710.45
Interior Backstops	Material – 850-OSB Backstop Forward Fold, Off Set Mast 33'-40' (Bolted)	Each	\$6,191.09
Interior Backstops	Material – 855-SFB Backstop Side Fold, Side Braced Under 28' (Welded)	Each	\$5,487.67
Interior Backstops	Material – 855-SFB Backstop Side Fold, Side Braced 28'-32' (Bolted)	Each	\$5,707.40
Interior Backstops	Material – 855-SFB Backstop Side Fold, Side Braced 33'-40' (Bolted)	Each	\$6,206.34
Interior Backstops	Material – 860-RF Backstop Roll Fold, Rear Braced Under 28' (Welded)	Each	\$5,512.09
Interior Backstops	Material – 860-RF Backstop Roll Fold, Rear Braced 28'-32' (Bolted)	Each	\$5,725.71
Interior Backstops	Material – 865-OSB Backstop Off Set, Side Fold Under 28' (Welded)	Each	\$5,490.73
Interior Backstops	Material – 865-OSB Backstop Off Set, Side Fold 28'-32' (Bolted)	Each	\$5,704.35

## UNIT PRICE SCHEDULES

<b>BACKSTOPS, NETS &amp; CAGES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Interior Backstops	Material – 865-OSB Backstop Off Set, Side Fold 33'-40' (Bolted)	Each	\$6,184.98
Interior Backstops	Material – 1300 Wall Mounted Stationary Backstop with Extension Up to 4'	Each	\$1,990.43
Interior Backstops	Material – 1310 Wall Mounted Stationary Backstop with Extension 4'-8'	Each	\$2,149.12
Interior Backstops	Material – 1310 Wall Mounted Stationary Backstop with Extension 8'-12'	Each	\$2,312.92
Interior Backstops	Material – 1400 Wall Mounted Fold Up Backstop with Extension 4'-8'	Each	\$2,265.09
Interior Backstops	Material – 1400 Wall Mounted Fold Up Backstop with Extension 8'-12'	Each	\$2,429.88
Interior Backstops	Material – 1500 Wall Mounted Side Fold Backstop with Extension 4'-8'	Each	\$2,277.30
Interior Backstops	Material – 1500 Wall Mounted Side Fold Backstop with Extension 8'-12'	Each	\$2,487.87
Interior BBall Accessories	Material –JNY-6HP Replacement “Anti-Whip” Nylon Net	Each	\$ 41.54
Interior BBall Accessories	Material – MBBP-6 “Safe-Pro” Bolt on Edge Pad*	Each	\$ 368.41
Interior BBall Accessories	Material – TW2000 Backstop Winch*	Each	\$ 2,075.32
Interior BBall Accessories	Material – TW800M Backstop Manual Winch	Each	\$ 1,319.65
Interior BBall Accessories	Material – ED-901 Manual Winch Operator	Each	\$ 1,610.30
Interior BBall Accessories	Material – PL-1000 Safety Strap*	Each	\$ 1,191.45
Interior BBall Accessories	Material – SBAL-30 LynRus Aut-O-Loc Backstop Safety Strap	Each	\$ 1,153.66
Interior BBall Accessories	Material – AHA Manual Aluminum Height Adjuster	Each	\$ 3,039.73
Interior BBall Accessories	Material – EHAKS Electric Aluminum Height Adjuster with Key Switch Control	Each	\$ 5,599.26
Batting Cages	Ceiling Mount Multi-Sport Cage, Electronically Operated, Custom Net	Each	Call for Quote
Batting Cages	Batting Cage 10'H x 12'W x 70'L without Net; Direct Mount	Each	\$ 11,176.33
Batting Cages	Batting Cage 10'H x 12'W x 55'L without Net; Direct Mount	Each	\$ 9,685.21
Batting Cages	Multi-Sport Cage 10'H x 12'W x 70'L, Direct Mount, 3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Batting Cage 10'H x 12'W x 70'L, Direct Mount, 1-3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Multi-Sport Cage 10'H x 12'W x 55'L, Direct Mount, 3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Batting Cage 10'H x 12'W x 55'L, Direct Mount, 1-3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Net for 4080-70 Multi-Sport Cage, 12'H x 12'W x 70'L, 3/4" Square Mesh	Each	\$ 3,346.75
Batting Cages	Net for 4081-70 Batting Cage, 12'H x 12'W x 70'L 1-3/4" Square Mesh	Each	\$ 2,414.20
Batting Cages	Net for 4080-55 Multi-Sport Cage, 12'H x 12'W x 55'L, 3/4" Square Mesh	Each	\$ 2,975.15
Batting Cages	Net for 4981-55 Batting Cage, 12'H x 12'W x 55'L, 1-3/4" Square Mesh	Each	\$ 2,042.60
Batting Cages	Bottom Lift Multi-Sport Cage 10'H x 12'W x 70'L, Direct Mount, 3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Bottom Lift Batting Cage 10'H x 12'W x 70'L, Direct Mount, 1-3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Bottom Lift Multi-Sport Cage 10'H x 12'W x 55'L, Direct Mount, 3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Bottom Lift Batting Cage 10'H x 12'W x 55'L, Direct Mount, w/1-3/4" Square Mesh Net	Each	Call for Quote
Batting Cages	Indoor Throwing Cage	Each	Call for Quote

## UNIT PRICE SCHEDULES

<b>BACKSTOPS, NETS &amp; CAGES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Bike Racks	Spectator Series™ 5' Traditional Single-Sided Bike Rack, 4 Bikes	Each	\$830.77
Bike Racks	Spectator Series™ 5' Traditional Double-Sided Bike Rack, 8 Bikes	Each	\$908.88
Bike Racks	Spectator Series™ 5' Traditional Double-Sided Bike Rack, 10 Bikes	Each	\$1,377.51
Bike Racks	Spectator Series™ 10' Traditional Double-Sided Bike Rack, 18 Bikes	Each	\$1,514.79
Bike Racks	Spectator Series™ 5' Modern Single-Sided Bike Rack, 4 Bikes	Each	\$930.18
Bike Racks	Spectator Series™ 5' Modern Double-Sided Bike Rack, 8 Bikes	Each	\$1,202.37
Bike Racks	Spectator Series™ 10' Modern Single-Sided Bike Rack, 9 Bikes	Each	\$1,146.15
Bike Racks	Spectator Series™ 10' Modern Double-Sided Bike Rack, 18 Bikes	Each	\$1,796.45
Bike Racks	Spectator Series™ 3' 3" Loop-Style Bike Rack, 5 Bikes	Each	\$558.58
Bike Racks	Spectator Series™ 3' 3" Loop-Style Bike Rack, 5 Bikes, Powdercoated	Each	\$724.26
Bike Racks	Spectator Series™ 5' 3" Loop-Style Bike Rack, 7 Bikes	Each	\$871.01
Bike Racks	Spectator Series™ 5' 3" Loop-Style Bike Rack, 7 Bikes, Powdercoated	Each	\$1,055.62
Bike Racks	Spectator Series™ 7' 3" Loop-Style Bike Rack, 9 Bikes	Each	\$1,202.37
Bike Racks	Spectator Series™ 7' 3" Loop-Style Bike Rack, 9 Bikes, Powdercoated	Each	\$1,377.51
Bike Racks	Spectator Series™ 9' 3" Loop-Style Bike Rack, 11 Bikes	Each	\$1,611.83
Bike Racks	Spectator Series™ 9' 3" Loop-Style Bike Rack, 11 Bikes, Powdercoated	Each	\$1,789.35

## UNIT PRICE SCHEDULE

<b>SCOREBOARDS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Interior Scoreboard Controllers	Material – MPCW7 Advanced Universal Control*	Each	\$2,520.18
Interior Scoreboard Controllers	Material – MPC Protective Case*	Each	\$129.61
Interior Scoreboards	Material – 2770NL Full Featured Multisport Scoreboard	Each	\$9,055.40
Interior Scoreboards	Material – 2750NL Popular Multisport Scoreboard	Each	\$8,768.55
Interior Scoreboards	Material – 2710NL Display Game State Scoreboard	Each	\$8,369.52
Interior Scoreboards	Material – 2700NL Basic Multisport with Low Clearance Scoreboard*	Each	\$6,009.09
Scoreboard Accessories	Material – EOP End of Period Lights	Each	\$3,850.98
Scoreboard Accessories	Material – SCD-7A Basic Shot Clock*	Each	\$3,879.48
Scoreboard Accessories	Material – Electronic Team Names (ETN)	Each	\$7,569.18
Scoreboard Accessories	Material – Rear Light (RL) Caption Plates	Each	Not available
Scoreboard Accessories	Material – Team Name in Place of “HOME”	Each	\$83.34
Scoreboard Accessories	Material – Electronic Team Names (ETN)	Each	\$7,569.18
Scoreboard Accessories	Material – Team Name in Place of “HOME”	Each	\$83.34
System Controllers	Material – ETEC Easy Touch - Equipment Control System	Each	\$20,149.62
System Controllers	Material – MEC-99 Mec Pad Master Equipment Controller	Each	\$8,046.35
System Controllers	Material – TMX-DRX Radio Control	Each	\$487.64
System Controllers	Material – TMX-DRX Radio Receiver	Each	\$775.82
System Controllers	Material – 2GPWKS Multiple Key Switch Gang Plate (2 Switches)*	Each	\$238.49
System Controllers	Material – 3GPWKS Multiple Key Switch Gang Plate (3 Switches)	Each	\$604.70
System Controllers	Material – 4GPWKS Multiple Key Switch Gang Plate (4 Switches)	Each	\$787.80
System Controllers	Material – 5GPWKS Multiple Key Switch Gang Plate (5 Switches)	Each	\$970.91
System Controllers	Material – 6GPWKS Multiple Key Switch Gang Plate (6 Switches)	Each	\$1,154.01
Timing Equipment	Material – E39905 Gill/Lynx Scholastic System	Each	\$ 13,479.09
Timing Equipment	Material – E39906 Gill/Lynx Bronze System	Each	\$ 20,193.06
Timing Equipment	Material – E39903 Gill/Lynx Silver System	Each	\$ 30,425.58
Timing Equipment	Material – E39901 Gill/Lynx Gold System	Each	\$ 45,441.03
Total System Control	Economy Electronic Control System & Keypad, Programmable, Operates One Device At A Time	Each	\$2,662.72



## UNIT PRICE SCHEDULE

<b>SCOREBOARDS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Total System Control	Basic Electronic Control System & Keypad, Programmable, Operates One Device At A Time	Each	\$7,988.17
Total System Control	Extended Electronic Control & Keypad, Programmable, Operates Multiple Devices	Each	\$8,433.14
Total System Control	Advanced Electronic Control System & Touch Screen, Programmable, Operates Multiple Devices	Each	\$15,088.76
Total System Control	Relay Card for 8 Devices for All TSC Models	Each	\$1,865.09
Total System Control	Key Pad for TSC2000 & TSC2000X	Each	\$1,865.09
Total System Control	Touch Screen for TSC2000X & TSC2000XL	Each	\$6,991.72
Total System Control	Manual Control Override for TSC2000 & TSC2000X	Each	\$373.96
Total System Control	Emergency Stop for TSC2000 & TSC2000X	Each	\$373.96
Total System Control	Display Guard for TSC2000 & TSC2000X	Each	\$1,590.53
Total System Control	TSC1500 Key Pad	Each	\$755.03
Total System Control	TSC1500 Relay Board	Each	\$1,555.03
Wireless Scoreboard	Material – 3600 NL Classic Football Scoreboard*	Each	\$23,081.07
Wireless Scoreboard	Material – 3616 NL Football/Multisport Scoreboard	Each	\$41,233.21
Wireless Scoreboard	Material – 3688 NL Football/Multisport Scoreboard	Each	\$72,650.82
Wireless Scoreboard	Material – 3614 NL Football/Multisport Scoreboard	Each	\$24,526.35
Wireless Scoreboard	Material – 3617 NL Football/Multisport Scoreboard	Each	\$27,666.65
Wireless Scoreboard	Material – 3619 NL Football/Multisport Scoreboard	Each	\$28,173.50
Display	Daktronics Scoreboard Full Live Video Board, 18" x 27' x 11"	Each	Call for Quote
Display	Daktronics Video Messaging Board (DVXMC) and FB Board, 16'10" x 32'0"	Each	Call for Quote
Display	Daktronics Football Scoreboard with Accent Truss 16'6" x 25'0"	Each	Call for Quote
Display	Daktronics Video Messaging Board (DVXMC) and FB Board with Header, 14'8" x 25'0"	Each	Call for Quote
Display	Daktronics Football Scoreboard, Electronic Team Names and Electronic Captions White LEDs, 13'0" x 25'0"	Each	Call for Quote
Display	Daktronics Virtual Scoreboard (DVXMC) Video Messaging, 13'10" x 23'11"	Each	Call for Quote
LED Monitors and Sport Screens	Indoor LED Monitor-Trion Pro Indoor LED, 4mm, single faced	Each	\$1,071.44
LED Monitors and Sport Screens	Indoor LED Monitor-Trion Indoor LED, 5mm single faced	Each	\$1,046.08
LED Monitors and Sport Screens	8SMD Min View Dist 5.6M, Line/Column Space 8.13mm Vertical Viewing Angle: 70	Each	Call for Quote
LED Monitors and Sport Screens	10SMD Min View Dist 6.99M, Line/Column Space 10.16mm Vertical Viewing Angle: 70	Each	Call for Quote

## UNIT PRICE SCHEDULE

<b>SCOREBOARDS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
LED Monitors and Sport Screens	13HD Min View Dist 8.98M, Line/Column Space 13.06mm Vertical Viewing Angle: 65	Each	Call for Quote
LED Monitors and Sport Screens	15HD Min View Dist 10.48M, Line/Column Space 15.24mm Vertical Viewing Angle: 65	Each	Call for Quote
LED Monitors and Sport Screens	16MT Min View Dist 11.43M, Line/Column Space 16.63mm Vertical Viewing Angle: 65	Each	Call for Quote
LED Monitors and Sport Screens	20MT Min View Dist 13.97M, Line/Column Space 20.32mm Vertical Viewing Angle: 60	Each	Call for Quote
LED Monitors and Sport Screens	Indoor LED Screen, Single Faced	Each	Call for Quote
LED Monitors and Sport Screens	Indoor LED Screen, Double Faced	Each	Call for Quote
LED Monitors and Sport Screens	Outdoor LED Screen, Single Faced	Each	Call for Quote
LED Monitors and Sport Screens	Outdoor LED Screen, Double Faced	Each	Call for Quote
LED Monitors and Sport Screens	Outdoor LED Monitor-Starbrite Pro Outdoor LED 10MM Single Faced:	Each	\$635.94
LED Monitors and Sport Screens	Outdoor LED Monitor-Starbrite Pro Outdoor LED 10MM Double Faced	Each	\$1,271.87
LED Monitors and Sport Screens	Outdoor LED Monitor-Starbrite Outdoor LED 16MM Single Faced	Each	\$677.05
LED Monitors and Sport Screens	Outdoor LED Monitor-Starbrite Outdoor LED 16MM Double Faced	Each	\$1,354.09
LED Monitors and Sport Screens	Baseball Scoreboard-Width: 36' 0", Height: 9' 4" Depth: 0' 8" Digit Size: 24", 18"	Each	Call for Quote
LED Monitors and Sport Screens	Baseball Scoreboard-Width: 25' 0", Height: 7' 0" Depth: 0' 8" Digit Size: 18", 15"	Each	Call for Quote
LED Monitors and Sport Screens	Baseball Scoreboard-Width: 20' 0", Height: 6' 6" Depth: 0' 8" Digit Size: 18", 15"	Each	Call for Quote
LED Monitors and Sport Screens	Football/Lacrosse/Soccer Scoreboard-Width: 36' 0" Height: 10' 0" Depth: 0' 8" Digit Size: 36", 24", 18"	Each	Call for Quote
LED Monitors and Sport Screens	Football/Lacrosse/Soccer Scoreboard-Width: 32' 0" Height: 10' 0" Depth: 0' 8" Digit Size: 30", 24", 18"	Each	Call for Quote
LED Monitors and Sport Screens	Football/Lacrosse/Soccer Scoreboard- 25' 0" Height: 8' 0" Depth: 0' 8" Digit Size: 30", 24", 18"	Each	Call for Quote
LED Monitors and Sport Screens	Basketball Scoreboard-Height: 6'-2" 1880mm Width: 12'- 10" 3912mm D: 12'-10" 3912mm	Each	Call for Quote
LED Monitors and Sport Screens	Basketball Scoreboard-Height: 6' 1829mm Width: 10' 3048mm D: 6" 152mm	Each	Call for Quote
LED Monitors and Sport Screens	Basketball Scoreboard-Height: 4'-2" 1270mm Width: 12'- 10" 3912mm D: 12'-10" 3912mm	Each	Call for Quote
Baseball/Softball Wireless	Material – 1604 NL Baseball/Softball Scoreboard	Each	\$37,438.06
Baseball/Softball Wireless	Material – 1606 NL Baseball/Softball Scoreboard	Each	\$34,780.84
Baseball/Softball Wireless	Material – 1608 NL Baseball/Softball Scoreboard	Each	\$25,790.70
Baseball/Softball Wireless	Material – 1630 NL Baseball/Softball Scoreboard	Each	\$11,734.62
Baseball/Softball Wireless	Material – 1635 NL Baseball/Softball Scoreboard	Each	\$13,943.53
Baseball/Softball Wireless	Material – 3600 NL Baseball/Softball Scoreboard	Each	\$11,133.00

**UNIT PRICE SCHEDULE**

<b>SCOREBOARDS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Baseball/Softball Wireless	Material – PCD NL Baseball/Softball Pitch Count Display, 5’x3’	Each	\$5,632.62
Baseball/Softball Wireless	Material – PCD-08 NL Baseball/Softball Pitch Count Display, 8’x1’6”	Each	\$6,759.14
Baseball/Softball Wireless	Material – PCD-10 NL Baseball/Softball Pitch Count Display, 10’x2’	Each	\$5,635.89
Baseball/Softball Wireless	Material – PCD-18 NL Baseball/Softball Pitch Count Display, 18’x2’	Each	\$6,738.63

## UNIT PRICE SCHEDULES

BLEACHERS			
Product Description		UOM	Price
Bleachers	Material – BLCH-3AL Aluminum Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish, 3 Row 15' Long*	Each	\$2,657.15
Bleachers	Material – BLCH-321AL Aluminum Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish, 3 Row 21' Long	Each	\$3,351.36
Bleachers	Material – BLCH-327AL Aluminum Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish, 3 Row 27' Long	Each	\$4,325.56
Bleachers	Material – BLCH-4AL Aluminum Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish, 4 Row 15' Long	Each	\$3,740.44
Bleachers	Material – BLCH-421AL Aluminum Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish, 4 Row 21' Long	Each	\$4,525.00
Bleachers	Material – BLCH-427AL Aluminum Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish, 4 Row 27' Long	Each	\$5,217.07
Bleachers	Material – BLCH-3ALPC Aluminum Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish, 3 Row 15' Long	Each	\$2,825.79
Bleachers	Material – BLCH-321ALPC Aluminum Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish, 3 Row 21' Long	Each	\$3,759.08
Bleachers	Material – BLCH-327ALPC Aluminum Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish, 3 Row 27' Long	Each	\$4,737.54
Bleachers	Material – BLCH-4ALPC Aluminum Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish, 4 Row 15' Long	Each	\$3,985.92
Bleachers	Material – BLCH-421ALPC Aluminum Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish, 4 Row 21' Long	Each	\$4,934.84
Bleachers	Material – BLCH-427ALPC Aluminum Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish, 4 Row 27' Long	Each	\$5,789.15
Bleachers	Material – BLDP-3AL Aluminum Outdoor Bleacher with Double Foot Plank, Natural Aluminum Finish, 3 Row 15' Long	Each	\$3,048.36
Bleachers	Material – BLDP-321AL Aluminum Outdoor Bleacher with Double Foot Plank, Natural Aluminum Finish, 3 Row 21' Long	Each	\$3,740.44
Bleachers	Material – BLDP-327AL Aluminum Outdoor Bleacher with Double Foot Plank, Natural Aluminum Finish, 3 Row 27' Long	Each	\$4,628.84

## UNIT PRICE SCHEDULES

<b>BLEACHERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Bleachers	Material – BLDP-4AL Aluminum Outdoor Bleacher with Double Foot Plank, Natural Aluminum Finish, 4 Row 15' Long	Each	\$4,529.27
Bleachers	Material – BLDP-421AL Aluminum Outdoor Bleacher with Double Foot Plank, Natural Aluminum Finish, 4 Row 21' Long	Each	\$5,508.71
Bleachers	Material – BLDP-427AL Aluminum Outdoor Bleacher with Double Foot Plank, Natural Aluminum Finish, 4 Row 27' Long	Each	\$6,390.71
Bleachers	Material – BLDP-3ALPC Aluminum Outdoor Bleacher with Double Foot Plank, Powder Coated Finish, 3 Row 15' Long	Each	\$3,377.09
Bleachers	Material – BLDP-321ALPC Aluminum Outdoor Bleacher with Double Foot Plank, Powder Coated Finish, 3 Row 21' Long	Each	\$4,314.65
Bleachers	Material – BLDP-327ALPC Aluminum Outdoor Bleacher with Double Foot Plank, Powder Coated Finish, 3 Row 27' Long	Each	\$5,361.02
Bleachers	Material – BLDP-4ALPC Aluminum Outdoor Bleacher with Double Foot Plank, Powder Coated Finish, 4 Row 15' Long	Each	\$4,853.73
Bleachers	Material – BLDP-421ALPC Aluminum Outdoor Bleacher with Double Foot Plank, Powder Coated Finish, 4 Row 21' Long	Each	\$5,999.67
Bleachers	Material – BLDP-427ALPC Aluminum Outdoor Bleacher with Double Foot Plank, Powder Coated Finish, 4 Row 27' Long	Each	\$6,719.44
Bleachers	Material – BLCH-3 Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish Benches and Galvanized Steel Frame, 3 Row 15' Long	Each	\$2,557.58
Bleachers	Material – BLCH-321 Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish Benches and Galvanized Steel Frame, 3 Row 21' Long	Each	\$3,251.79
Bleachers	Material – BLCH-327 Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish Benches and Galvanized Steel Frame, 3 Row 27' Long 27' Long	Each	\$4,227.83
Bleachers	Material – BLCH-4 Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish Benches and Galvanized Steel Frame, 4 Row 15' Long	Each	\$3,046.86
Bleachers	Material – BLCH-421 Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish Benches and Galvanized Steel Frame, 4 Row 21' Long	Each	\$4,529.27
Bleachers	Material – BLCH-427 Outdoor Bleacher with Standard Foot Plank, Natural Aluminum Finish Benches and Galvanized Steel Frame, 4 Row 27' Long	Each	\$5,211.54

## UNIT PRICE SCHEDULES

BLEACHERS			
Product Description		UOM	Price
Bleachers	Material – BLCH-3PC Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish Aluminum Benches and Steel Framing, 3 Row 15' Long	Each	\$2,807.33
Bleachers	Material – BLCH-321PC Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish Aluminum Benches and Steel Framing, 3 Row 21' Long	Each	\$2,357.36
Bleachers	Material – BLCH-327PC Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish Aluminum Benches and Steel Framing, 3 Row 27' Long	Each	\$4,635.54
Bleachers	Material – BLCH-4PC Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish Aluminum Benches and Steel Framing, 4 Row 15' Long	Each	\$3,886.34
Bleachers	Material – BLCH-421PC Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish Aluminum Benches and Steel Framing, 4 Row 21' Long	Each	\$4,853.73
Bleachers	Material – BLCH-427PC Outdoor Bleacher with Standard Foot Plank, Powder Coated Finish Aluminum Benches and Steel Framing, 4 Row 27' Long	Each	\$5,702.50
Bleachers	Material –22", 24" or 26" Span Sculptured Seat Module, Wall Attached, Manual Telescoping Bleacher at 10 ¼" Rise	Each	\$327.27
Bleachers	Material –22", 24" or 26" Span Classic Wood Bench, Wall Attached, Manual Telescoping Bleacher at 10 ¼" Rise	Each	\$333.25
Bleachers	Material –22", 24" or 26" Span Sculptured Seat Module, Wall Attached, Friction Telescoping Bleacher at 10 ¼" Rise*	Each	\$354.16
Bleachers	Material –22", 24" or 26" Span Classic Wood Bench, Wall Attached, Friction Telescoping Bleacher at 10 ¼" Rise	Each	\$360.13
Bleachers	Material –22", 24" or 26" Span Sculptured Seat Module, Reverse Fold, Friction Telescoping Bleacher at 10 ¼" Rise	Each	\$401.95
Bleachers	Material –22", 24" or 26" Span Classic Wood Bench, Reverse Fold, Friction Telescoping Bleacher at 10 ¼" Rise	Each	\$407.92
Bleachers	Material –22", 24" or 26" Span Sculptured Seat Module, Free Standing, Mobiles Telescoping Bleacher at 10 ¼" Rise	Each	\$551.30
Bleachers	Material –22", 24" or 26" Span Classic Wood Bench, Free Standing, Mobiles Telescoping Bleacher at 10 ¼" Rise	Each	\$560.27
Bleachers	Installation –22", 24" or 26" Span Classic Wood Bench, Free Standing, Mobiles Telescoping Bleacher at 10 ¼" Rise	Each	\$345.20

## UNIT PRICE SCHEDULES

BLEACHERS			
Product Description		UOM	Price
Bleachers	Material –22", 24" or 26" Span Sculptured Seat Module, Wall Attached, Manual Telescoping Bleacher at 11 ½" Rise	Each	\$351.17
Bleachers	Material –22", 24" or 26" Span Classic Wood Bench, Wall Attached, Manual Telescoping Bleacher at 11 ½" Rise	Each	\$375.07
Bleachers	Material –22", 24" or 26" Span Sculptured Seat Module, Wall Attached, Friction Telescoping Bleacher at 11 ½" Rise	Each	\$381.04
Bleachers	Material –22", 24" or 26" Span Classic Wood Bench, Wall Attached, Friction Telescoping Bleacher at 11 ½" Rise	Each	\$422.86
Bleachers	Material –22", 24" or 26" Span Sculptured Seat Module, Reverse Fold, Friction Telescoping Bleacher at 11 ½" Rise	Each	\$431.82
Bleachers	Material –22", 24" or 26" Span Classic Wood Bench, Reverse Fold, Friction Telescoping Bleacher at 11 ½" Rise	Each	\$581.17
Bleachers	Material –22", 24" or 26" Span Sculptured Seat Module, Free Standing, Mobiles Telescoping Bleacher at 11 ½" Rise	Each	\$590.14
Bleachers	Material –22", 24" or 26" Span Classic Wood Bench, Free Standing, Mobiles Telescoping Bleacher at 11 ½" Rise	Each	\$437.79
Bleachers	Material –30", 32" or 33" Span Sculptured Seat Module, Wall Attached, Manual Telescoping Bleacher at 10 ¼" Rise	Each	\$443.77
Bleachers	Material –30", 32" or 33" Span Classic Wood Bench, Wall Attached, Manual Telescoping Bleacher at 10 ¼" Rise	Each	\$473.64
Bleachers	Material –30", 32" or 33" Span Sculptured Seat Module, Wall Attached, Friction Telescoping Bleacher at 10 ¼" Rise	Each	\$179.61
Bleachers	Material –30", 32" or 33" Span Classic Wood Bench, Wall Attached, Friction Telescoping Bleacher at 10 ¼" Rise	Each	\$536.37
Bleachers	Material –30", 32" or 33" Span Sculptured Seat Module, Reverse Fold, Friction Telescoping Bleacher at 10 ¼" Rise	Each	\$545.33
Bleachers	Material –30", 32" or 33" Span Classic Wood Bench, Reverse Fold, Friction Telescoping Bleacher at 10 ¼" Rise	Each	\$733.52
Bleachers	Material –30", 32" or 33" Span Sculptured Seat Module, Free Standing, Mobiles Telescoping Bleacher at 10 ¼" Rise	Each	\$745.46

## UNIT PRICE SCHEDULES

<b>BLEACHERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench, Free Standing, Mobiles Telescoping Bleacher at 10 ¼” Rise	Each	\$458.70
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module, Wall Attached, Manual Telescoping Bleacher at 11 ½” Rise	Each	\$467.67
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench, Wall Attached, Manual Telescoping Bleacher at 11 ½” Rise	Each	\$500.52
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module, Wall Attached, Friction Telescoping Bleacher at 11 ½” Rise	Each	\$563.25
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench, Wall Attached, Friction Telescoping Bleacher at 11 ½” Rise	Each	\$575.20
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module, Reverse Fold, Friction Telescoping Bleacher at 11 ½” Rise	Each	\$772.35
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench, Reverse Fold, Friction Telescoping Bleacher at 11 ½” Rise	Each	\$787.28
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module, Free Standing, Mobiles Telescoping Bleacher at 11 ½” Rise	Each	\$467.67
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench, Free Standing, Mobiles Telescoping Bleacher at 11 ½” Rise	Each	\$476.63
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with Backrest, Wall Attached, Manual Telescoping Bleacher at 10 ¼” Rise	Each	\$506.50
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench with Backrest, Wall Attached, Manual Telescoping Bleacher at 10 ¼” Rise	Each	\$512.47
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with Backrest, Wall Attached, Friction Telescoping Bleacher at 10 ¼” Rise	Each	\$572.21
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench with Backrest, Wall Attached, Friction Telescoping Bleacher at 10 ¼” Rise	Each	\$581.17
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with Backrest, Reverse Fold, Friction Telescoping Bleacher at 10 ¼” Rise	Each	\$784.30
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench with Backrest, Reverse Fold, Friction Telescoping Bleacher at 10 ¼” Rise	Each	\$581.17



## UNIT PRICE SCHEDULES

BLEACHERS			
Product Description		UOM	Price
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with Backrest, Free Standing, Mobiles Telescoping Bleacher at 10 ¼” Rise	Each	\$799.23
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench with Backrest, Free Standing, Mobiles Telescoping Bleacher at 10 ¼”	Each	\$494.55
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with Backrest, Wall Attached, Manual Telescoping Bleacher at 11 ½” Rise	Each	\$503.51
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench with Backrest, Wall Attached, Manual Telescoping Bleacher at 11 ½” Rise	Each	\$533.38
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with Backrest, Wall Attached, Friction Telescoping Bleacher at 11 ½” Rise	Each	\$542.34
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench with Backrest, Wall Attached, Friction Telescoping Bleacher at 11 ½” Rise	Each	\$602.08
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with Backrest, Reverse Fold, Friction Telescoping Bleacher at 11 ½” Rise	Each	\$617.02
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench with Backrest, Reverse Fold, Friction Telescoping Bleacher at 11 ½” Rise	Each	\$617.02
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with Backrest, Free Standing, Mobiles Telescoping Bleacher at 11 ½” Rise	Each	\$841.05
Bleachers	Material –30”, 32” or 33” Span Classic Wood Bench with Backrest, Free Standing, Mobiles Telescoping Bleacher at 11 ½” Rise	Each	\$542.34
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with COMFOBACKS, Wall Attached, Manual Telescoping Bleacher at 10 ¼” Rise	Each	\$542.34
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with COMFOBACKS, Wall Attached, Friction Telescoping Bleacher at 10 ¼” Rise	Each	\$590.14
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with COMFOBACKS, Reverse Fold, Friction Telescoping Bleacher at 10 ¼” Rise	Each	Call for price
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with COMFOBACKS, Free Standing, Mobiles Telescoping Bleacher at 10 ¼” Rise	Each	\$915.73
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with COMFOBACKS, Wall Attached, Manual Telescoping Bleacher at 11 ½” Rise	Each	\$575.20

## UNIT PRICE SCHEDULES

<b>BLEACHERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with COMFOBACKS, Wall Attached, Friction Telescoping Bleacher at 11 ½” Rise	Each	\$625.98
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with COMFOBACKS, Reverse Fold, Friction Telescoping Bleacher at 11 ½” Rise	Each	\$703.65
Bleachers	Material –30”, 32” or 33” Span Sculptured Seat Module with COMFOBACKS, Free Standing, Mobiles Telescoping Bleacher at 11 ½” Rise	Each	\$966.51
Bleachers	Material –30”, 32” or 33” VIP Platform with Manual Platform Chair, Wall Attached Friction Telescoping Bleacher at 11 ½” Rise	Each	\$1,073.61
Bleachers	Material –30”, 32” or 33” VIP Platform with Semi Automatic Platform Chair, Wall Attached Friction Telescoping Bleacher at 11 ½” Rise	Each	\$1,300.63
Bleachers	Material –30”, 32” or 33” VIP Platform with Manual Platform Chair, Freestanding Mobiles Telescoping Bleacher at 11 ½” Rise	Each	\$1,330.50
Bleachers	Material –30”, 32” or 33” VIP Platform with Semi Automatic Platform Chair, Freestanding Mobiles Telescoping Bleacher at 11 ½” Rise	Each	\$1,518.68
Bleachers	3-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 8 Ft	Each	\$ 1,252.07
Bleachers	3-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 8 Ft, Double Foot Planks	Each	\$ 1,403.55
Bleachers	3-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 15 Ft	Each	\$ 1,973.96
Bleachers	3-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 15 Ft, Double Foot Planks	Each	\$ 2,404.73
Bleachers	3-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 21 Ft	Each	\$ 2,818.93
Bleachers	3-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 21 Ft, Double Foot Planks	Each	\$ 3,292.31
Bleachers	4-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 8 Ft	Each	\$ 1,604.73
Bleachers	4-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 8 Ft, Double Foot Planks	Each	\$ 1,973.96

## UNIT PRICE SCHEDULES

<b>BLEACHERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Bleachers	4 Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 15 Ft	Each	\$ 2,852.07
Bleachers	4-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 15 Ft, Double Foot Planks	Each	\$ 3,386.98
Bleachers	4-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 21 Ft	Each	\$ 3,697.04
Bleachers	4-Row Low Rise Fixed Spectator™ Bleacher, 12” Plank, 21 Ft, Double Foot Planks	Each	\$ 4,601.18
Bleachers	3-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 7 Ft 6 In	Each	\$ 1,318.34
Bleachers	3-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 7 Ft 6 In, Double Foot Planks	Each	\$ 1,562.13
Bleachers	3-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 15 Ft	Each	\$ 2,255.62
Bleachers	3-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 15 Ft, Double Foot Planks	Each	\$ 2,691.12
Bleachers	3-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 21 Ft	Each	\$ 3,057.99
Bleachers	3-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 21 Ft, Double Foot Planks	Each	\$ 3,656.80
Bleachers	3-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 27 Ft	Each	\$ 4,144.38
Bleachers	3-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 27 Ft, Double Foot Planks	Each	\$ 4,927.81
Bleachers	4-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 7 Ft 6 In	Each	\$ 1,753.85
Bleachers	4-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 7 Ft 6 In, Double Foot Planks	Each	\$ 2,123.08
Bleachers	4-Row Low Rise Tip N’ Roll Spectator™ Bleacher, 12” Plank, 15 Ft	Each	\$ 3,003.55

## UNIT PRICE SCHEDULES

<b>BLEACHERS</b>				
<b>Product Description</b>	<b>UOM</b>	<b>Price</b>		
Bleachers		4-Row Low Rise Tip N' Roll Spectator™ Bleacher, 12" Plank, 15 Ft, Double Foot Planks	Each	\$ 3,609.47
Bleachers		4-Row Low Rise Tip N' Roll Spectator™ Bleacher, 12" Plank, 21 Ft	Each	\$ 4,033.14
Bleachers		4-Row Low Rise Tip N' Roll Spectator™ Bleacher, 12" Plank, 21 Ft, Double Foot Planks	Each	\$ 4,977.51
Bleachers		5-Row Fixed Spectator™ Bleacher with Aisle, 10" Plank, 15 Ft	Each	\$ 9,659.17
Bleachers		5-Row Fixed Spectator™ Bleacher with Aisle, 10" Plank, 21 Ft	Each	\$ 11,126.63
Bleachers		5-Row Fixed Spectator™ Bleacher with Aisle, 10" Plank, 27 Ft	Each	\$ 12,849.70
Bleachers		8-Row Fixed Spectator™ Bleacher with Aisle, 10" Plank, 15 Ft	Each	\$ 15,744.38
Bleachers		8-Row Fixed Spectator™ Bleacher with Aisle, 10" Plank, 21 Ft	Each	\$ 18,859.17
Bleachers		8-Row Fixed Spectator™ Bleacher with Aisle, 10" Plank, 27 Ft	Each	\$ 21,997.63
Bleachers		10-Row Fixed Spectator™ Bleacher with Aisle, 10" Plank, 15 Ft	Each	\$ 20,719.53
Bleachers		10-Row Fixed Spectator™ Bleacher with Aisle, 10" Plank, 21 Ft	Each	\$ 24,984.62
Bleachers		10-Row Fixed Spectator™ Bleacher with Aisle, 10" Plank, 27 Ft	Each	\$ 29,164.50
Bleachers		3-Row Fixed Spectator™ Bleacher without Aisle, 10" Plank, 8 Ft	Each	\$ 1,228.40
Bleachers		3-Row Fixed Spectator™ Bleacher without Aisle, 10" Plank, 8 Ft, Double Foot Planks	Each	\$ 1,382.25
Bleachers		3-Row Fixed Spectator™ Bleacher without Aisle, 10" Plank, 15 Ft	Each	\$ 1,962.13

## UNIT PRICE SCHEDULES

<b>BLEACHERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Bleachers	3-Row Fixed Spectator™ Bleacher without Aisle, 10” Plank, 15 Ft, Double Foot Planks	Each	\$ 2,392.90
Bleachers	3-Row Fixed Spectator™ Bleacher without Aisle, 10” Plank, 21 Ft	Each	\$ 2,698.22
Bleachers	3-Row Fixed Spectator™ Bleacher without Aisle, 10” Plank, 21 Ft, Double Foot Planks	Each	\$ 3,308.88
Bleachers	5 Row Fixed Spectator™ Bleacher without Aisle, 10” Plank, 15 Ft	Each	\$ 7,249.70
Bleachers	5-Row Fixed Spectator™ Bleacher without Aisle, 10” Plank, 15 Ft, Double Foot Planks	Each	\$ 7,682.84
Bleachers	5-Row Fixed Spectator™ Bleacher without Aisle, 10” Plank, 21 Ft	Each	\$ 9,223.67
Bleachers	5-Row Fixed Spectator™ Bleacher without Aisle, 10” Plank, 21 Ft, Double Foot Planks	Each	\$ 9,820.12
Bleachers	5-Row Fixed Spectator™ Bleacher without Aisle, 10” Plank, 27 Ft	Each	\$ 10,402.37
Bleachers	5-Row Fixed Spectator™ Bleacher without Aisle, 10” Plank, 27 Ft, Double Foot Planks	Each	\$ 11,036.69
Bleachers	2-Row Tip N’ Roll Spectator™ Bleacher, 10” Plank, 7 Ft 6 In	Each	\$ 830.77
Bleachers	2-Row Tip N’ Roll Spectator™ Bleacher, 10” Plank, 7 Ft 6 In, Double Foot Planks	Each	\$ 951.48
Bleachers	2-Row Tip N’ Roll Spectator™ Bleacher, 10” Plank, 15 Ft	Each	\$ 1,360.95
Bleachers	2-Row Tip N’ Roll Spectator™ Bleacher, 10” Plank, 15 Ft, Double Foot Planks	Each	\$ 1,578.70
Bleachers	2 Row Tip N’ Roll Spectator™ Bleacher, 10” Plank, 21 Ft	Each	\$ 1,888.76
Bleachers	2-Row Tip N’ Roll Spectator™ Bleacher, 10” Plank, 21 Ft, Double Foot Planks	Each	\$ 2,189.35

## UNIT PRICE SCHEDULES

BLEACHERS			
Product Description		UOM	Price
Bleachers	2 Row Tip N' Roll Spectator™ Bleacher, 10" Plank, 27 Ft	Each	\$ 2,115.98
Bleachers	2-Row Tip N' Roll Spectator™ Bleacher, 10" Plank, 27 Ft, Double Foot Planks	Each	\$ 2,435.50
Bleachers	3-Row Tip N' Roll Spectator™ Bleacher, 10" Plank, 7 Ft 6 In	Each	\$ 1,342.01
Bleachers	3-Row Tip N' Roll Spectator™ Bleacher, 10" Plank, 7 Ft 6 In, Double Foot Planks	Each	\$ 1,583.43
Bleachers	3-Row Tip N' Roll Spectator™ Bleacher, 10" Plank, 15 Ft	Each	\$ 2,194.08
Bleachers	3-Row Tip N' Roll Spectator™ Bleacher, 10" Plank, 15 Ft, Double Foot Planks	Each	\$ 2,629.59
Bleachers	3-Row Tip N' Roll Spectator™ Bleacher, 10" Plank, 21 Ft	Each	\$ 3,041.42
Bleachers	3-Row Tip N' Roll Spectator™ Bleacher, 10" Plank, 21 Ft, Double Foot Planks	Each	\$ 3,642.60
Bleachers	3-Row Tip N' Roll Spectator™ Bleacher, 10" Plank, 27 Ft	Each	\$ 3,427.22
Bleachers	3-Row Tip N' Roll Spectator™ Bleacher, 10" Plank, 27 Ft, Double Foot Planks	Each	\$ 4,066.27
Bleachers	5-Row Transportable Spectator™ Bleacher With Aisle, 10" Plank, 15 Ft	Each	\$ 9,635.50
Bleachers	5-Row Transportable Spectator™ Bleacher With Aisle, 10" Plank, 21 Ft	Each	\$ 11,074.56
Bleachers	5-Row Transportable Spectator™ Bleacher With Aisle, 10" Plank, 27 Ft	Each	\$ 12,747.93
Bleachers	5-Row Transportable Spectator™ Bleacher Without Aisle, 10" Plank, 15 Ft	Each	\$ 7,391.72
Bleachers	5-Row Transportable Spectator™ Bleacher Without Aisle, 10" Plank, 15 Ft, Double Foot Planks	Each	\$ 7,824.85

## UNIT PRICE SCHEDULES

<b>BLEACHERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Bleachers	5-Row Transportable Spectator™ Bleacher Without Aisle, 10" Plank, 21 Ft	Each	\$ 9,365.68
Bleachers	5-Row Transportable Spectator™ Bleacher Without Aisle, 10" Plank, 21 Ft, Double Foot Planks	Each	\$ 9,962.13
Bleachers	5-Row Transportable Spectator™ Bleacher Without Aisle, 10" Plank, 27 Ft	Each	\$ 10,544.38
Bleachers	5-Row Transportable Spectator™ Bleacher Without Aisle, 10" Plank, 27 Ft, Double Foot Planks	Each	\$ 11,363.31
Bleachers	Transport Wheel Kit	Each	\$ 1,439.05
Bleacher Accessories	Materials – Removable Timers Table	Each	\$1,662.01
Bleacher Accessories	Materials – Video Platform	Each	\$12,864.65
Bleacher Accessories	Materials – Vinyl End Curtain	Each	\$124.09
Bleacher Accessories	Materials – Aisle End Cap Logos	Each	\$51.71
Bleacher Accessories	Materials – End Panels	Each	\$134.43
Bleacher Accessories	Materials – Remote Control	Each	\$1,809.68
Bleacher Accessories	Materials – Pendant Control	Each	\$1,406.38
Bleacher Accessories	Materials – Upholstered Chair Onsert (Available on Platform Chairs ONLY)	Each	\$142.19
Bleacher Accessories	Material –18" to 21 ½", Surface Mount Stadium Chair	Each	\$405.37
Bleacher Accessories	Material –18" to 21 ½", Riser Mount Stadium Chair	Each	\$405.37

## UNIT PRICE SCHEDULES

<b>BLEACHERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Bleacher Accessories	Material – Cup Holder	Each	\$80.14
Bleacher Accessories	Material – Team Logo on End Standards	Each	\$59.46
Bleacher Accessories	Material – Seat/Row Numbers	Each	\$7.76
Bleacher Accessories	Material – Custom colors	Each	\$517.05
Bleacher Accessories	Material – Flexible Access Armrest (ADA)	Each	\$88.50
Bleacher Accessories	Spectator Series™ Mounting Clips	Each	\$ 4.73
Bleacher Accessories	Spectator Series™ End Cap for 10" Plank Bleacher	Each	\$ 9.47
Bleacher Accessories	Spectator Series™ End Cap for 12" Plank Bleacher	Each	\$ 9.47
Bleacher Accessories	Spectator Series™ 4" Caster Replacement	Each	\$ 35.50
Bleacher Accessories	Spectator Series™ Foot Pad Replacement	Each	\$ 7.10



## UNIT PRICE SCHEDULES

<b>BENCHES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Benches	Material – PB-75 Portable Players Bench, 7 1/2' Long, Natural Aluminum Finish without Seat Back*	Each	\$ 453.21
Benches	Material – PB-75PI Permanent Players Bench, 7 1/2' Long, Natural Aluminum Finish without Seat Back	Each	\$ 453.21
Benches	Material – PB-75SM Surface Mount Players Bench, 7 1/2' Long, Natural Aluminum Finish without Seat Back	Each	\$ 453.21
Benches	Material – PB-15 Portable Players Bench, 15' Long, Natural Aluminum Finish without Seat Back	Each	\$ 604.66
Benches	Material – PB-15PI Permanent Players Bench, 15' Long, Natural Aluminum Finish without Seat Back	Each	\$ 604.66
Benches	Material – PB-15SM Surface Mount Players Bench, 15' Long, Natural Aluminum Finish without Seat Back	Each	\$ 604.66
Benches	Material – PB-5 Portable Players Bench, 21' Long, Natural Aluminum Finish without Seat Back	Each	\$ 828.98
Benches	Material – PB-5PI Permanent Players Bench, 21' Long, Natural Aluminum Finish without Seat Back	Each	\$ 828.98
Benches	Material – PB-5SM Surface Mount Players Bench, 21' Long, Natural Aluminum Finish without Seat Back	Each	\$ 828.98
Benches	Material – PB-95 Portable Players Bench, 27' Long, Natural Aluminum Finish without Seat Back	Each	\$ 950.81
Benches	Material – PB-95PI Permanent Players Bench, 27' Long, Natural Aluminum Finish without Seat Back	Each	\$ 950.81
Benches	Material – PB-95SM Surface Mount Players Bench, 27' Long, Natural Aluminum Finish without Seat Back	Each	\$ 950.81
Benches	Material – PB-80 Portable Players Bench, 7 1/2' Long, Natural Aluminum Finish with Seat Back	Each	\$ 627.43
Benches	Material – PB-80PI Permanent Players Bench, 7 1/2' Long, Natural Aluminum Finish with Seat Back	Each	\$ 627.43
Benches	Material – PB-80SM Surface Mount Players Bench, 7 1/2' Long, Natural Aluminum Finish with Seat Back	Each	\$ 627.43
Benches	Material – PB-20 Portable Players Bench, 15' Long, Natural Aluminum Finish with Seat Back	Each	\$ 990.67
Benches	Material – PB-20PI Permanent Players Bench, 15' Long, Natural Aluminum Finish with Seat Back	Each	\$ 990.67
Benches	Material – PB-20SM Surface Mount Players Bench, 15' Long, Natural Aluminum Finish with Seat Back	Each	\$ 990.67

## UNIT PRICE SCHEDULES

<b>BENCHES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Benches	Material – PB-10 Portable Players Bench, 21' Long, Natural Aluminum Finish with Seat Back	Each	\$ 1,259.41
Benches	Material – PB-10PI Permanent Players Bench, 21' Long, Natural Aluminum Finish with Seat Back	Each	\$ 1,259.41
Benches	Material – PB-10SM Surface Mount Players Bench, 21' Long, Natural Aluminum Finish with Seat Back	Each	\$ 1,259.41
Benches	Material – PB-90 Portable Players Bench, 27' Long, Natural Aluminum Finish with Seat Back	Each	\$ 1,406.30
Benches	Material – PB-90PI Permanent Players Bench, 27' Long, Natural Aluminum Finish with Seat Back	Each	\$ 1,406.30
Benches	Material – PB-90SM Surface Mount Players Bench, 27' Long, Natural Aluminum Finish with Seat Back	Each	\$ 1,406.30
Benches	Material – PB-75PC Portable Players Bench, 7 1/2' Long, Powder Coated Finish without Seat Back	Each	\$ 559.10
Benches	Material – PB-75PIPC Permanent Players Bench, 7 1/2' Long, Powder Coated Finish without Seat Back	Each	\$ 559.10
Benches	Material – PB-75SMPC Surface Mount Players Bench, 7 1/2' Long, Powder Coated Finish without Seat Back	Each	\$ 559.10
Benches	Material – PB-15PC Portable Players Bench, 15' Long, Powder Coated Finish without Seat Back	Each	\$ 691.18
Benches	Material – PB-15PIPC Permanent Players Bench, 15' Long, Powder Coated Finish without Seat Back	Each	\$ 691.18
Benches	Material – PB-15SMPC Surface Mount Players Bench, 15' Long, Powder Coated Finish without Seat Back	Each	\$ 691.18
Benches	Material – PB-5PC Portable Players Bench, 21' Long, Powder Coated Finish without Seat Back	Each	\$ 930.30
Benches	Material – PB-5PIPC Permanent Players Bench, 21' Long, Powder Coated Finish without Seat Back	Each	\$ 930.30
Benches	Material – PB-5SMPC Surface Mount Players Bench, 21' Long, Powder Coated Finish without Seat Back	Each	\$ 930.30
Benches	Material – PB-95PC Portable Players Bench, 27' Long, Powder Coated Finish without Seat Back	Each	\$ 1,096.53
Benches	Material – PB-95PIPC Permanent Players Bench, 27' Long, Powder Coated Finish without Seat Back	Each	\$ 1,096.53
Benches	Material – PB-95SMPC Surface Mount Players Bench, 27' Long, Powder Coated Finish without Seat Back	Each	\$ 1,096.53

## UNIT PRICE SCHEDULES

<b>BENCHES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Benches	Material – PB-80PC Portable Players Bench, 7 1/2' Long, Powder Coated Finish with Seat Back	Each	\$ 736.72
Benches	Material – PB-80PIPC Permanent Players Bench, 7 1/2' Long, Powder Coated Finish with Seat Back	Each	\$ 736.72
Benches	Material – PB-80SMPC Surface Mount Players Bench, 7 1/2' Long, Powder Coated Finish with Seat Back	Each	\$ 787.96
Benches	Material – PB-20PC Portable Players Bench, 15' Long, Powder Coated Finish with Seat Back	Each	\$ 1,180.80
Benches	Material – PB-20PIPC Permanent Players Bench, 15' Long, Powder Coated Finish with Seat Back	Each	\$ 1,180.80
Benches	Material – PB-20SMPC Surface Mount Players Bench, 15' Long, Powder Coated Finish with Seat Back	Each	\$ 1,180.80
Benches	Material – PB-10PC Portable Players Bench, 21' Long, Powder Coated Finish with Seat Back	Each	\$ 1,434.73
Benches	Material – PB-10PIPC Permanent Players Bench, 21' Long, Powder Coated Finish with Seat Back	Each	\$ 1,434.73
Benches	Material – PB-10SMPC Surface Mount Players Bench, 21' Long, Powder Coated Finish with Seat Back	Each	\$ 1,434.73
Benches	Material – PB-90PC Portable Players Bench, 27' Long, Powder Coated Finish with Seat Back	Each	\$ 1,611.22
Benches	Material – PB-90PIPC Permanent Players Bench, 27' Long, Powder Coated Finish with Seat Back	Each	\$ 1,611.22
Benches	Material – PB-90SMPC Surface Mount Players Bench, 27' Long, Powder Coated Finish with Seat Back	Each	\$ 1,611.22
Benches	Material – PBS-80 Portable Players Bench, 7 1/2' Long, Natural Aluminum Finish Seats/Back and Shelf	Each	\$ 1,232.25
Benches	Material – PBS-20 Portable Players Bench, 15' Long, Natural Aluminum Finish Seats/Back and Shelf	Each	\$ 1,801.09
Benches	Material – PBS-10 Portable Players Bench, 21' Long, Natural Aluminum Finish Seats/Back and Shelf	Each	\$ 2,402.30
Benches	Material – PBS-90 Portable Players Bench, 27' Long, Natural Aluminum Finish Seats/Back and Shelf	Each	\$ 3,848.37
Benches	Material – PBS-80PC Portable Players Bench, 7 1/2' Long, Powder Coated Finish with Seat Back and Shelf	Each	\$ 1,474.50
Benches	Material – PBS-20PC Portable Players Bench, 15' Long, Powder Coated Finish with Seat Back and Shelf	Each	\$ 2,208.66

## UNIT PRICE SCHEDULES

BENCHES			
Product Description	UOM	Price	
Benches	Material – PBS-10PC Portable Players Bench, 21' Long, Powder Coated Finish with Seat Back and Shelf	Each	\$ 3,094.03
Benches	Material – PBS-90PC Portable Players Bench, 27' Long, Powder Coated Finish with Seat Back and Shelf	Each	\$ 4,559.90
Locker Room Benches	Material – BS48 - Laminated all White Northern Hard Maple Bench Slat, 48" Wide (15' max. Length)	Each	\$ 756.92
Locker Room Benches	Material – BS9 - Laminated all White Northern Hard Maple Bench Slat, 9 1/2" Wide (15' max. Length)*	Each	\$ 50.91
Locker Room Benches	Material – 8032 Adjustable Steel Pedestal*	Each	\$ 193.85
Locker Room Benches	Material – 4810 Heavy Duty Cast Iron Pedestal	Each	\$ 172.12
Benches with Back & Shelf	Spectator Series™ 7' 6" Spectator™ Bench with Shelf, Portable	Each	\$ 887.57
Benches with Back & Shelf	15' Spectator™ Bench with Shelf, Portable	Each	\$ 1,420.12
Benches with Back & Shelf	21' Spectator™ Bench with Shelf, Portable	Each	\$ 1,732.54
Benches with Back & Shelf	27' Spectator™ Bench with Shelf, Portable	Each	\$ 2,037.69
Benches with Backs	Spectator Series™ 7' 6" Spectator™ Bench with Back, Inground (Old Part GSBEPB08)	Each	\$ 577.51
Benches with Backs	Spectator Series™ 7' 6" Spectator™ Bench with Back, Surface Mount (Old Part GSBEPH08)	Each	\$ 577.51
Benches with Backs	Spectator Series™ 7' 6" Spectator™ Bench with Back, Portable (Old Part GSBEPG08)	Each	\$ 577.51
Benches with Backs	Spectator Series™ 15' Spectator™ Bench with Back, Inground (Old Part GSBEPH15)	Each	\$ 887.57
Benches with Backs	Spectator Series™ 15' Spectator™ Bench with Back, Surface Mount (Old Part GSBEPG15)	Each	\$ 887.57
Benches with Backs	15' Spectator™ Bench with Back, Portable (Old Part GSBEPG15)	Each	\$ 887.57
Benches with Backs	21' Spectator™ Bench with Back, Inground (Old Part GSBEPB21)	Each	\$ 1,155.03
Benches with Backs	21' Spectator™ Bench with Back, Surface Mount (Old Part GSBEPH21)	Each	\$ 1,155.03
Benches with Backs	21' Spectator™ Bench with Back, Portable (Old Part GSBEPG21)	Each	\$ 1,155.03
Benches with Backs	27' Spectator™ Bench with Back, Inground	Each	\$ 1,242.60
Benches with Backs	27' Spectator™ Bench with Back, Surface Mount	Each	\$ 1,242.60
Benches with Backs	27' Spectator™ Bench with Back, Portable	Each	\$ 1,242.60
Benches without Backs	7' 6" Spectator™ Bench without Back, Inground (Old Part GSBEPD08)	Each	\$ 276.92
Benches without Backs	7' 6" Spectator™ Bench without Back, Surface Mount (Old Part GSBEPD08)	Each	\$ 276.92

## UNIT PRICE SCHEDULES

<b>BENCHES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Benches without Backs	7' 6" Spectator™ Bench without Back, Portable (Old Part GSBEP108)	Each	\$ 276.92
Benches without Backs	15' Spectator™ Bench without Back, Inground (Old Part GSBEPD15)	Each	\$ 506.51
Benches without Backs	15' Spectator™ Bench without Back, Surface Mount (Old Part GSBEP15)	Each	\$ 506.51
Benches without Backs	15' Spectator™ Bench without Back, Portable (Old Part GSBEP15)	Each	\$ 506.51
Benches without Backs	21' Spectator™ Bench without Back, Inground (Old Part GSBEPD21)	Each	\$ 622.49
Benches without Backs	21' Spectator™ Bench without Back, Surface Mount (Old Part GSBEP15)	Each	\$ 622.49
Benches without Backs	21' Spectator™ Bench without Back, Portable (Old Part GSBEP15)	Each	\$ 622.49
Benches without Backs	27' Spectator™ Bench, Inground	Each	\$ 710.06
Benches without Backs	27' Spectator™ Bench, Surface Mount	Each	\$ 710.06
Benches without Backs	27' Spectator™ Bench, Portable	Each	\$ 710.06
Benches without Backs	Spectator™ Indoor Bench Conversion Kit, includes 2 pads for one bench leg	Kit	\$ 71.01

## UNIT PRICE SCHEDULES

<b>AUDITORIUM SEATING</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Auditorium Seating	Material – BW-200 Contour Auditorium Seating*	Each	\$439.82
Auditorium Seating	Material – BA-205 Performer Auditorium Seating	Each	\$536.13
Auditorium Seating	Material – 250 Palladium Auditorium Seating	Each	\$457.75
Auditorium Seating	Material – 250 Horizon Auditorium Seating	Each	\$457.75
Auditorium Seating	Material – BQ-750 Scholar Auditorium Seating	Each	\$446.62
Auditorium Seating	Material – BQ-700 Campus Auditorium Seating	Each	\$597.40
Auditorium Seating	Material – PW-Williams Auditorium Seating	Each	\$585.55
Auditorium Seating	Material – PS-Salem Auditorium Seating	Each	\$585.55
Auditorium Seating	Material – PL-Lincoln Auditorium Seating	Each	\$585.55
Auditorium Seating	Material – Standard ADA Transfer Unit	Each	\$10.83
Auditorium Seating	Material – Swing ADA Transfer Unit	Each	\$77.62
Auditorium Seating	Material – Concealed Aisle Lights	Each	\$97.36
Auditorium Seating	Material – LED Aisle Lights	Each	\$136.95
Auditorium Seating	Material – Radius Arm Rests	Each	\$9.70
Auditorium Seating	Material – Rectangular Arm Rests	Each	\$9.70
Auditorium Seating	Material – Hardwood Arm Rests	Each	\$8.66
Auditorium Seating	Material – Injection Molded* Arm Rests	Each	\$4.68
Auditorium Seating	Material – ¾ Laminate* End Panel	Each	\$17.68
Auditorium Seating	Material – Metal Encased End Panel	Each	\$11.72
Auditorium Seating	Material – Hardwood End End Panel	Each	\$99.65
Auditorium Seating	Material – Upholstered End Panel	Each	\$21.42
Auditorium Seating	Material – Veneer End Panel	Each	\$18.05
Auditorium Seating	Material – Cast Iron “Palace” End Panel	Each	\$133.44
Auditorium Seating	Material – Flammability Compliance with CA Technical Bulletin CAL 133	Each	\$50.18
Auditorium Seating	Material – Riser Mount	Each	\$16.17
Auditorium Seating	Material – Cantilever End Stanchion Mounting	Each	\$12.13
Auditorium Seating	Material – Moveable Base Unit Mounting	Each	\$72.78
Auditorium Seating	Material – Rectangular Seat Number Plate	Each	\$3.79
Auditorium Seating	Material – Round Row ID Plate	Each	\$7.59
Auditorium Seating	Material – Wood/Laminate Seat Shells	Each	\$23.47
Auditorium Seating	Material – Fully Upholstered Seat Shells	Each	\$26.25
Auditorium Seating	Material – Acoustic Seat Pan Seat Shells	Each	\$12.13
Auditorium Seating	Material – Metal Seat Shells	Each	\$12.54

## UNIT PRICE SCHEDULES

AUDITORIUM SEATING			
Product Description		UOM	Price
Auditorium Seating	Material – Wood Veneer Seat Shells	Each	\$111.55
Auditorium Seating	Material – Standard Tablet Arm	Each	\$97.85
Auditorium Seating	Material – Graduate Tablet Arm	Each	\$107.58
Auditorium Seating	Material – Oversized Tablet Arm	Each	\$102.19

## UNIT PRICE SCHEDULES

<b>LOCKERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Lockers	Material – KD Heavy Duty Ventilated Athletic Locker 15”x15”x72” 2Tier Locker	Each	\$ 530.75
Lockers	Material – KD Heavy Duty Ventilated Athletic Locker 15”x15”x72” 1Tier Locker	Each	\$ 472.84
Lockers	Material – KD Heavy Duty Ventilated Athletic Locker 15”x15”x72” 6Tier Locker	Each	\$ 598.61
Lockers	Material – Welded AMP1006 Athletic Box Locker, Ratio “626”	Each	\$ 2,018.28
Lockers	Material – KD Heavy Duty Corridor/Kitchen Elite Locker15”x15”x72” 1Tier Locker*	Each	\$ 360.78
Lockers	Material – KD Heavy Duty Corridor/Kitchen Elite Locker15”x15”x72” 2Tier Locker	Each	\$ 402.69
Lockers	Material – KD Heavy Duty Corridor/Kitchen Elite Locker15”x15”x72” 3Tier Locker	Each	\$ 470.32
Lockers	Material – Welded AMP1003E – Champ Corridor Locker 15”x15”x72” 1Tier	Each	\$ 536.25
Lockers	Material – Welded AMP1003E – Champ Corridor Locker 15”x15”x72” 2Tier	Each	\$ 652.06
Lockers	Material – Welded AMP1003E – Champ Corridor Locker 15”x15”x72” 3Tier	Each	\$ 681.56
Lockers	Quick Ship Lockers (1 wide units)- 1 Tier	Package	\$ 185.39
Lockers	Quick Ship Lockers (1 wide units)- 2 Tier	Package	\$ 197.91
Lockers	Quick Ship Lockers (1 wide units)- 3 Tier	Package	\$ 193.44
Lockers	Quick Ship Lockers (1 wide units)- 6 Tier	Package	\$ 219.32
Lockers	Quick Ship Lockers (1 wide units)- Wall Mount	Unit	\$ 263.99
Lockers	Quick Ship Lockers (1 wide units)- Kid Lockers	Package	\$ 149.99
Lockers	Quick Ship Lockers (3 wide units)- 1 Tier	Package	\$ 499.29
Lockers	Quick Ship Lockers (3 wide units)- 2 Tier	Package	\$ 540.51
Lockers	Quick Ship Lockers (3 wide units)- 3 Tier	Package	\$ 535.46
Lockers	Quick Ship Lockers (3 wide units)- 6 Tier	Package	\$ 604.74
Lockers	Quick Ship Lockers- 16 Person (3 packages)	Package	\$ 626.66
Lockers	Stock Corridor Lockers (1 wide units)- 1 Tier	Package	\$ 178.62
Lockers	Stock Corridor Lockers (1 wide units)- 2 Tier	Package	\$ 189.86
Lockers	Stock Corridor Lockers (1 wide units)- 3 Tier	Package	\$ 224.69
Lockers	Stock Corridor Lockers (1 wide units)- 5 Tier Box Locker	Package	\$ 232.68
Lockers	Stock Corridor Lockers (3 wide units)- 1 Tier	Package	\$ 508.56
Lockers	Stock Corridor Lockers (3 wide units)- 2 Tier	Package	\$ 530.54
Lockers	Stock Corridor Lockers (3 wide units)- 3 Tier	Package	\$ 640.27



## UNIT PRICE SCHEDULES

LOCKERS			
Product Description		UOM	Price
Lockers	Stock Corridor Lockers (3 wide units)- 5 Tier Box Locker	Package	\$ 653.62
Lockers	Stock Corridor Lockers (1 wide units)- 1 Tier	Package	\$ 185.39
Lockers	Stock Corridor Lockers (1 wide units)- 2 Tier	Package	\$ 197.91
Lockers	Stock Corridor Lockers (1 wide units)- 3 Tier	Package	\$ 249.17
Lockers	Stock Corridor Lockers (1 wide units)- 6 Tier Box Locker	Package	\$ 263.16
Lockers	Stock Corridor Lockers- Wall Mount Locker	Package	\$ 263.99
Lockers	Stock Corridor Lockers (3 wide units)- 1 Tier	Package	\$ 499.29
Lockers	Stock Corridor Lockers (3 wide units)- 2 Tier	Package	\$ 540.51
Lockers	Stock Corridor Lockers (3 wide units)- 3 Tier	Package	\$ 683.47
Lockers	Stock Corridor Lockers (3 wide units)- 6 Tier Box Locker	Package	\$ 766.10
Lockers	Stock Corridor Lockers- 16 Person Locker	Package	\$ 626.66
Lockers	Corridor Bulk Lockers- 12" Box Locker	Frame	\$ 69.21
Lockers	Corridor Bulk Lockers- 1 Tier Half Height Locker 30-1/2"	Frame	\$ 87.04
Lockers	Corridor Bulk Lockers- 1 Tier Half Height Locker 36-1/2"	Frame	\$ 96.24
Lockers	Corridor Bulk Lockers- 1 Tier Locker 48-1/2"	Frame	\$ 120.21
Lockers	Corridor Bulk Lockers- 1 Tier 60"	Frame	\$ 243.93
Lockers	Corridor Bulk Lockers- 2 Tier 60"	Frame	\$ 196.57
Lockers	Corridor Bulk Lockers- 3 Tier 60"	Frame	\$ 202.20
Lockers	Corridor Bulk Lockers- 3 Tier Box Locker 60"	Frame	\$ 160.15
Lockers	Corridor Bulk Lockers- 4 Tier Box Locker 60"	Frame	\$ 176.19
Lockers	Corridor Bulk Lockers- 5 Tier Box Locker 60"	Frame	\$ 200.98
Lockers	Corridor Bulk Lockers- 1 Tier 72"	Frame	\$ 268.59
Lockers	Corridor Bulk Lockers- 2 Tier 72"	Frame	\$ 282.53
Lockers	Corridor Bulk Lockers- 3 Tier 72" (2-Pt Latch)	Each	\$ 232.55
Lockers	Corridor Bulk Lockers- 3 Tier Box Locker 72"	Frame	\$ 249.55
Lockers	Corridor Bulk Lockers- 4 Tier Box Locker 72"	Frame	\$ 206.48
Lockers	Corridor Bulk Lockers- 5 Tier Box Locker 72"	Frame	\$ 212.74

## UNIT PRICE SCHEDULES

<b>LOCKERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Lockers	Corridor Bulk Lockers- Two Person	Frame	\$ 318.25
Lockers	Corridor Bulk Lockers- 6 Tier Box Locker 72"	Frame	\$ 268.47
Lockers	Corridor Bulk Lockers- 16 Person Locker 72"	Unit	\$ 649.41
Lockers	Corridor Bulk Lockers- Wall Mount	Unit	\$ 263.99
Lockers	Heavy Duty Athletic Lockers- 1 Tier Half Height Locker 36-1/2"	Frame	\$ 128.26
Lockers	Heavy Duty Athletic Lockers- 1 Tier 60"	Frame	\$ 323.87
Lockers	Heavy Duty Athletic Lockers- 2 Tier 60"	Frame	\$ 356.91
Lockers	Heavy Duty Athletic Lockers- 1 Tier Locker 48-1/2"	Frame	\$ 180.34
Lockers	Heavy Duty Athletic Lockers- 3 Tier 60"	Frame	\$ 329.56
Lockers	Heavy Duty Athletic Lockers- 4 Tier Box Locker 60"	Frame	\$ 258.82
Lockers	Heavy Duty Athletic Lockers- 5 Tier Box Locker 60"	Frame	\$ 330.77
Lockers	Heavy Duty Athletic Lockers- 1 Tier 72"	Frame	\$ 347.90
Lockers	Heavy Duty Athletic Lockers- 2 Tier 72"	Frame	\$ 381.51
Lockers	Heavy Duty Athletic Lockers- 3 Tier 72"	Frame	\$ 351.03
Lockers	Heavy Duty Athletic Lockers- 4 Tier 72"	Frame	\$ 274.28
Lockers	Heavy Duty Athletic Lockers- 5 Tier 72"	Frame	\$ 340.36
Lockers	Heavy Duty Athletic Lockers- 6 Tier Box Locker 72"	Frame	\$ 367.01
Lockers	Heavy Duty Athletic SPL Lockers- 1 Tier Half Height Locker 36-1/2"	Frame	\$ 120.59
Lockers	Heavy Duty Athletic SPL Lockers- 1 Tier 60"	Frame	\$ 353.14
Lockers	Heavy Duty Athletic SPL Lockers- 2 Tier 60"	Frame	\$ 361.45
Lockers	Heavy Duty Athletic SPL Lockers- 3 Tier 60"	Frame	\$ 323.87
Lockers	Heavy Duty Athletic SPL Lockers- 1 Tier Locker 48-1/2"	Frame	\$ 164.30
Lockers	Heavy Duty Athletic SPL Lockers- 1 Tier 72"	Frame	\$ 405.22
Lockers	Heavy Duty Athletic SPL Lockers- 2 Tier 72"	Frame	\$ 385.41
Lockers	Heavy Duty Athletic SPL Lockers- 3 Tier 72"	Frame	\$ 340.74
Lockers	Open Sport Locker- Basic - Shell & Shelf	Each	\$ 385.73
Lockers	Open Sport Locker- Basic - Shell, Shelf + Lockbox	Each	\$ 448.74

## UNIT PRICE SCHEDULES

<b>LOCKERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Lockers	Open Sport Locker- Basic - Shell, Shelf + Foot Locker	Each	\$ 547.22
Lockers	Open Sport Locker- Basic - Shell, Shelf + Foot Locker & Lockbox	Each	\$ 685.00
Lockers	Welded Open Sport Locker- Basic - Shell & Shelf	Each	\$ 499.36
Lockers	Welded Open Sport Locker- Shell, Shelf + Lockbox	Each	\$ 562.62
Lockers	Welded Open Sport Locker- Shell, Shelf + Foot Locker	Each	\$ 735.68
Lockers	Welded Open Sport Locker- Shell, Shelf + Foot Locker & Lockbox	Each	\$ 948.23
Lockers	Welded Lockers- 1 Tier Half Height Locker 36-1/2"	Frame	\$ 260.67
Lockers	Welded Lockers- 1 Tier Locker 48-1/2"	Frame	\$ 276.97
Lockers	Welded Lockers- 1 Tier 60"	Frame	\$ 487.66
Lockers	Welded Lockers- 2 Tier 60"	Frame	\$ 495.59
Lockers	Welded Lockers- 3 Tier 60"	Frame	\$ 516.23
Lockers	Welded Lockers- 4 Tier Box Locker 60"	Frame	\$ 446.06
Lockers	Welded Lockers- 5 Tier Box Locker 60"	Frame	\$ 465.29
Lockers	Welded Lockers- 1 Tier 72"	Frame	\$ 507.73
Lockers	Welded Lockers- 2 Tier 72"	Frame	\$ 586.52
Lockers	Welded Lockers- 3 Tier 72"	Frame	\$ 549.65
Lockers	Welded Lockers- 4 Tier Box Locker 72"	Frame	\$ 454.88
Lockers	Welded Lockers- 5 Tier Box Locker 72"	Frame	\$ 474.43
Lockers	Welded Lockers- 6 Tier Box Locker 72"	Frame	\$ 485.17
Lockers	Welded Lockers w/ SPL- 1 Tier Half Height Locker 36-1/2"	Frame	\$ 262.14
Lockers	Welded Lockers w/ SPL- 1 Tier 60"	Frame	\$ 491.88
Lockers	Welded Lockers w/ SPL- 2 Tier 60"	Frame	\$ 455.39
Lockers	Welded Lockers w/ SPL- 3 Tier 60"	Frame	\$ 453.22
Lockers	Welded Lockers w/ SPL- 1 Tier Locker 48-1/2"	Frame	\$ 279.33
Lockers	Welded Lockers w/ SPL- 1 Tier 72"	Frame	\$ 512.39
Lockers	Welded Lockers w/ SPL- 2 Tier 72"	Frame	\$ 446.63
Lockers	Welded Lockers w/ SPL- 3 Tier 72"	Frame	\$ 460.18

## UNIT PRICE SCHEDULES

LOCKERS			
Product Description		UOM	Price
Lockers- Accessories	Material – 20 Gauge Individual Slope Top (KD Lockers Only)	Each	\$ 27.96
Lockers- Accessories	Material – 18 Gauge Continuous Slope Top in 72” Length	Each	\$ 30.66
Lockers- Accessories	Material – 16 Gauge Continuous Slope Top in 72” Length	Each	\$ 33.13
Lockers- Accessories	Material – Recessed Trim	Each	\$ 8.41
Lockers- Accessories	Material – Minimum Punched End Panel (KD Lockers Only)	Each	\$ 73.83
Lockers- Accessories	Material – Boxed End Panel	Each	\$ 143.56
Lockers- Accessories	Material - Fillers	Each	\$ 100.51
Lockers- Accessories	Material - Single Hooks	Each	\$ 2.56
Lockers- Accessories	Material - Double Hooks	Each	\$ 3.45
Lockers- Accessories	Material - Shelf	Each	\$ 11.82
Lockers- Accessories	Material – Coat Rod	Each	\$ 9.42
Lockers- Accessories	Material – Deep-Drawn Stainless Steel Recessed Handle	Each	\$ 12.83
Lockers- Accessories	Material – Master Lock Built-In Combination Lock	Each	\$ 30.10
Lockers- Accessories	Material – Master Lock Combination Padlocks	Each	\$ 14.14
Lockers- Accessories	Material – Master Lock KeyLock	Each	\$ 20.83
Lockers- Accessories	Material – Master Lock ADA Compliant for Use on Gravity Lift-Type Latches	Each	\$ 29.32
Lockers- Accessories	Material – Digilock KT and KP Series Lock	Each	\$ 547.19
Lockers- Accessories	Material – Digilock User Key	Each	\$ 37.73
Lockers- Accessories	Material – Digilock Manager Key	Each	\$ 81.79
Lockers- Accessories	Material – Digilock Power Jumper	Each	\$ 61.74
Lockers- Accessories	Material – Digilock Programmer Key	Each	\$ 112.48
Lockers- Accessories	Material – Digilock APS Lock	Each	\$ 396.30
Lockers- Accessories	Material – Digilock ATS Lock	Each	\$ 344.42
Lockers- Accessories	Quick Ship- Individual Slope top Kits	Each	\$ 23.39
Lockers- Accessories	Quick Ship- Slope Top Corner Fillers	Each	\$ 74.83
Lockers- Accessories	Quick Ship- Continuous Slope Hoods	Each	\$ 75.30
Lockers- Accessories	Quick Ship- Universal Rear Hood Support (UHS)	Each	\$ 4.79

## UNIT PRICE SCHEDULES

<b>LOCKERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Lockers- Accessories	Quick Ship- Slope End for Continuous Slope Hoods	Each	\$ 10.48
Lockers- Accessories	Quick Ship- Splice for Continuous Slope Hood	Each	\$ 8.15
Lockers- Accessories	Quick Ship- Stainless Steel Bench Pedestal	Each	\$ 73.04
Lockers- Accessories	Quick Ship- Front Bases	Each	\$ 7.03
Lockers- Accessories	Quick Ship- End Bases	Each	\$ 9.52
Lockers- Accessories	Quick Ship- Zee Base 4"	Each	\$ 49.78
Lockers- Accessories	Quick Ship- Zee Base Splice / End	Each	\$ 13.87
Lockers- Accessories	Quick Ship- Zee Base Rear Leg	Each	\$ 2.11
Lockers- Accessories	Quick Ship- Slip Joint / Wall Angle	Each	\$ 22.94
Lockers- Accessories	Quick Ship- Vertical Angle Filler	Each	\$ 32.78
Lockers- Accessories	Quick Ship- Flat Top Fillers	Each	\$ 13.16
Lockers- Accessories	Quick Ship- Flat Top Corner Fillers	Each	\$ 15.72
Lockers- Accessories	Quick Ship- Locker Benches	Each	\$ 150.75
Lockers- Accessories	Quick Ship- Steel Tube Bench Pedestal	Each	\$ 31.12
Lockers- Accessories	Stock Locker- Individual Slope Top Kits	Each	\$ 23.39
Lockers- Accessories	Stock Locker- Slope Top Corner Fillers	Each	\$ 74.83
Lockers- Accessories	Stock Locker- Continuous Slope Hoods	Each	\$ 75.30
Lockers- Accessories	Stock Locker- Slope End for Continuous Slope Hoods	Each	\$ 4.79
Lockers- Accessories	Stock Locker- Splice for Continuous Slope Hood	Each	\$ 10.48
Lockers- Accessories	Stock Locker- Front Bases	Each	\$ 8.15
Lockers- Accessories	Stock Locker- End Bases	Each	\$ 73.04
Lockers- Accessories	Stock Locker- Zee Base 4"	Each	\$ 7.03
Lockers- Accessories	Stock Locker- Zee Base Splice/End	Each	\$ 9.52
Lockers- Accessories	Stock Locker- Zee Base Rear Leg	Each	\$ 49.78
Lockers- Accessories	Stock Locker- Slip Joint/ Wall Angle	Each	\$ 13.87
Lockers- Accessories	Stock Locker- Vertical Angle Filler	Each	\$ 2.11
Lockers- Accessories	Stock Locker- Flat Top Fillers	Each	\$ 22.94

## UNIT PRICE SCHEDULES

<b>LOCKERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Lockers- Accessories	Stock Locker- Flat Top Corner Fillers	Each	\$ 32.78
Lockers- Accessories	Stock Locker- Locker Benches	Each	\$ 13.16
Lockers- Accessories	Stock Locker- Steel Tube Bench Pedestal	Each	\$ 15.72
Lockers- Accessories	Stock Locker- Stainless Steel Bench Pedestal	Each	\$ 150.75
Lockers- Accessories	Stock Locker- Finished End Panels (16 GA)	Each	\$ 31.12
Lockers- Accessories	Individual Slope top kits	Frame	\$ 23.39
Lockers- Accessories	Splice for Continuous Slope Hood	Each	\$ 8.15
Lockers- Accessories	Universal Rear Hood Support	Each	\$ 4.79
Lockers- Accessories	Slope Top Filler	Each	\$ 23.20
Lockers- Accessories	Slope Top Corner Fillers	Each	\$ 83.84
Lockers- Accessories	Continuous Slope Hoods- 18 Ga (72" Length Only)	Each	\$ 96.43
Lockers- Accessories	Continuous Slope Hoods- 16 Ga (72" Length Only)	Each	\$ 115.16
Lockers- Accessories	Slope End for Continuous Slope Hoods	Each	\$ 15.08
Lockers- Accessories	Hip Ends	Each	\$ 67.48
Lockers- Accessories	Vertical Angle Filler	Each	\$ 37.83
Lockers- Accessories	Vertical Angle Fillers	Each	\$ 31.95
Lockers- Accessories	Closure Strip	Each	\$ 15.27
Lockers- Accessories	Finished End Panels (16 GA)	Each	\$ 73.36
Lockers- Accessories	Flat Top Corner Fillers	Each	\$ 29.01
Lockers- Accessories	Flat Top Fillers	Each	\$ 19.56
Lockers- Accessories	Slip Joint / Wall Angle	Each	\$ 26.46
Lockers- Accessories	Slip Joint / Wall Angle	Each	\$ 19.11
Lockers- Accessories	Front Bases (18 Ga)	Each	\$ 8.24
Lockers- Accessories	End Bases (18 Ga)	Each	\$ 12.33
Lockers- Accessories	Inside Corner Filler	Each	\$ 22.56
Lockers- Accessories	Zee Base	Each	\$ 72.79
Lockers- Accessories	Zee Base Inside Corner Filler	Each	\$ 18.34

## UNIT PRICE SCHEDULES

<b>LOCKERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Lockers- Accessories	Zee Base Rear Leg	Each	\$ 2.11
Lockers- Accessories	Zee Base Splice / End	Each	\$ 29.40
Lockers- Accessories	Locker Hat Shelf	Each	\$ 12.59
Lockers- Accessories	Locker Benches	Each	\$ 243.42
Lockers- Accessories	ADA Locker Benches	Each	\$ 244.25
Lockers- Accessories	Locker Hat Shelf	Each	\$ 21.60
Lockers- Accessories	Steel Tube Bench Pedestal	Each	\$ 31.12
Lockers- Accessories	Stainless Steel Bench Pedestal	Each	\$ 73.04
Lockers- Accessories	ADA Logo Label	Each	\$ 3.13
Lockers- Accessories	Recessed Top Trim	Each	\$ 21.92
Lockers- Accessories	Recessed Bottom Trim	Each	\$ 20.26
Lockers- Accessories	Recessed Trim Cap Splice	Each	\$ 7.86
Lockers- Accessories	Recessed Trim Outside Corner Splice	Each	\$ 11.12
Lockers- Accessories	Recessed Side Trim (Left Hand- No Legs)	Each	\$ 26.14
Lockers- Accessories	Recessed Side Trim (Right Hand- No Legs)	Each	\$ 26.14
Lockers- Accessories	Recessed Side Trim (Left Hand with 6" Legs)	Each	\$ 24.99
Lockers- Accessories	Recessed Side Trim (Right Hand with 6" Legs)	Each	\$ 24.99
Lockers- Accessories	Recessed Side Trim (Left Hand)	Each	\$ 24.60
Lockers- Accessories	Recessed Side Trim (Right Hand)	Each	\$ 24.60
Lockers- Accessories	Finished Box End Panels (16 Ga)	Square Foot	\$ 9.59
Locks	Built-in Key Locks w/ Grooved key- Dead Bolt	Each	\$ 19.11
Locks	Built-in Key Locks w/ Grooved key- Spring Bolt	Each	\$ 19.81
Locks	Built-in Key Locks w/ Grooved key- Control Key for 1770 & 1754	Each	\$ 4.47
Locks	Built-in Key Locks w/ Grooved key- ADA	Each	\$ 19.87
Locks	Built-in Key Locks w/ Grooved key- Control Key for 1730	Each	\$ 4.47
Locks	Combination Pad Locks- Dial only No Master key	Each	\$ 7.48
Locks	Combination Pad Locks- Dial & Master key	Each	\$ 9.65

## UNIT PRICE SCHEDULES

<b>LOCKERS</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Locks	Combination Pad Locks- Control Key for Pad Lock 1925	Each	\$ 4.47
Locks	Zepher Built-in Dead Bolt Combination Locks- Right Hand Combo Lock	Each	\$ 19.43
Locks	Hand Combo Lock	Each	\$ 19.43
Locks	Zepher Built-in Dead Bolt Combination Locks- Combo Lock for SPL Lockers	Each	\$ 19.43
Locks	Zepher Built-in Dead Bolt Combination Locks- Box Locker Combo Lock	Each	\$ 22.37
Locks	Zepher Built-in Dead Bolt Combination Locks- Built-in Spring Latch Combination Lock	Each	\$ 21.73
Locks	Zepher Built-in Dead Bolt Combination Locks- Control Key for 1900 series combo Locks	Each	\$ 4.47



## UNIT PRICE SCHEDULES

<b>FITNESS ROOM ACCESSORIES</b>			
<b>Product Description</b>		<b>UOM</b>	<b>Price</b>
Seating	Lounge seating, modular, corner with back, concealed glide, contrast, Grade "C" fabric, 26"W x 26"D, Model# MPCRN/LF/CG/FC	Each	\$973.70
Seating	Lounge seating, modular, rectangle with back, concealed glide, contrast, Grade "C" fabric, 48"W x 26"D, Model# MPRB/CG/FC	Each	\$1,012.20
Seating	Lounge seating, round 18" fabric stool, concealed glides, contrast, Grade "C" fabric, Model# MP18R/CGL/FC	Each	\$395.50
Seating	Lounge seating, modular, dual fabric chair, 28 1/2" D x 25"W x 28"H, Model# HFLMC1DF	Each	\$883.40
Seating	Lounge seating, modular, dual fabric chair, Left end, 28 1/2" D x 28 1/2' W x 28"H Model# HFLML1DF	Each	\$1,033.20
Seating	Lounge seating, modular, dual fabric chair, Left end, 28 1/2" D x 28 1/2' W x 28"H Model# HFLMR1DF	Each	\$1,033.20
Seating	Lounge seating, cube, 18"1/2", dual fabric, Model# HFLCO1DF	Each	\$342.30
Chair	14", student chair, four leg or catailever, flexible seat and back, with glider depending on surface, chrome or painted frame	Each	\$125.00
Chair	16", student chair, four leg or catailever, flexible seat and back, with glider depending on surface, chrome or painted frame	Each	\$125.00
Chair	17 1/2 - 18", student chair, four leg or catailever, flexible seat and back, with glider depending on surface, chrome or painted frame	Each	\$125.00
Chair	XL, student chair, four leg or catailever, flexible seat and back, with glider depending on surface, chrome or painted frame	Each	\$125.00

**UNIT PRICE SCHEDULES**

<b>CATALOG DISCOUNT</b>			
<b>Category</b>	<b>Manufacturers:</b>	<b>Description</b>	<b>Percent Discount</b>
Catalog Discount	3D Textures	Percentage Discount on 3D Textures Items based on current manufacturer list price	List + 20%
Catalog Discount	3M Company	Percentage Discount on 3M Items based on current manufacturer list price	List + 15%
Catalog Discount	AMQ	Percentage Discount on AMQ Items based on current manufacturer list price	20%
Catalog Discount	Armstrong Ceiling Tiles	Percentage Discount on Armstrong Ceiling Tiles Items based on current manufacturer list price	List + 25%
Catalog Discount	Artopex	Percentage Discount on Artopex Items based on current manufacturer list price	15%
Catalog Discount	Brown Jordan	Percentage Discount on Webcoat Items based on current manufacturer list price	10%
Catalog Discount	Certwood	Percentage Discount on Certwood Items based on current manufacturer list price	15%
Catalog Discount	Cherryman	Percentage Discount on Webcoat Items based on current manufacturer list price	20%
Catalog Discount	Claridge	Percentage Discount on Claridge Items based on current manufacturer list price	20%
Catalog Discount	CSI	Percentage Discount on CSI Items based on current manufacturer list price	10%
Catalog Discount	Dunn Edwards Paints	Percentage Discount on Dunn Edwards Paints Items based on current manufacturer list price	10%
Catalog Discount	Egan	Percentage Discount on Egan Items based on current manufacturer list price	20%
Catalog Discount	Essedent/USI	Percentage Discount on Essedant/USI Items based on current manufacturer list price	List
Catalog Discount	Eurotech	Percentage Discount on Eurotech Items based on current manufacturer list price	20%
Catalog Discount	Fleetwood	Percentage Discount on Fleetwood Items based on current manufacturer list price	10%
Catalog Discount	Formaspace	Percentage Discount on Formaspace Items based on current manufacturer list price	5%
Catalog Discount	GE Lighting	Percentage Discount on GE Lighting Items based on current manufacturer list price	List + 20%
Catalog Discount	HPFI	Percentage Discount on HPFI Items based on current manufacturer list price	20%
Catalog Discount	Izzy	Percentage Discount on Izzy Items based on current manufacturer list price	20%
Catalog Discount	JontiCraft	Percentage Discount on JontiCraft Items based on current manufacturer list price	5%
Catalog Discount	JSI/Community	Percentage Discount on JSI/Community Items based on current manufacturer list price	20%
Catalog Discount	Lesro	Percentage Discount on Lesro Items based on current manufacturer list price	20%
Catalog Discount	Mayline/Safco	Percentage Discount on Mayline/Safco Items based on current manufacturer list price	20%
Catalog Discount	MTS Seating	Percentage Discount on MTS Seating Items based on current manufacturer list price	15%
Catalog Discount	Palmer Hamilton	Percentage Discount on Palmer Hamilton Items based on current manufacturer list price	10%
Catalog Discount	Phillips Lighting	Percentage Discount on Phillips Lighting Items based on current manufacturer list price	List + 25%
Catalog Discount	Phoenix Safe	Percentage Discount on Phoenix Safe Items based on current manufacturer list price	10%
Catalog Discount	Platinum Visual	Percentage Discount on Platinum Visual Items based on current manufacturer list price	15%
Catalog Discount	Prowise/ELB	Percentage Discount on Prowise/ELB Items based on current manufacturer list price	5%
Catalog Discount	PS Furniture	Percentage Discount on PS Furniture Items based on current manufacturer list price	20%
Catalog Discount	Right Angle	Percentage Discount on Right Angle Items based on current manufacturer list price	20%
Catalog Discount	Robertsons Mix	Percentage Discount on Robertsons Mix Items based on current manufacturer list price	List + 15%
Catalog Discount	ScholarCraft	Percentage Discount on ScholaCraft Items based on current manufacturer list price	20%
Catalog Discount	Sherwin Williams Paints	Percentage Discount on Sherwin Williams Paints Items based on current manufacturer list price	10%
Catalog Discount	Sico	Percentage Discount on Sico Items based on current manufacturer list price	15%

**UNIT PRICE SCHEDULES**

<b>CATALOG DISCOUNT</b>			
<b>Category</b>	<b>Manufacturers:</b>	<b>Description</b>	<b>Percent Discount</b>
Catalog Discount	SitOnIt Seating	Percentage Discount on SitOnIt Seating Items based on current manufacturer list price	30%
Catalog Discount	Smith System	Percentage Discount on Smith System Items based on current manufacturer list price	10%
Catalog Discount	Soft DB	Percentage Discount on Webcoat Items based on current manufacturer list price	10%
Catalog Discount	STS Education	Percentage Discount on STS Education Items based on current manufacturer list price	List
Catalog Discount	Tenjam	Percentage Discount on Tenjam Items based on current manufacturer list price	15%
Catalog Discount	Texacraft	Percentage Discount on Texacraft Items based on current manufacturer list price	10%
Catalog Discount	Thompson Door/Window	Percentage Discount on Thompson Door/Window Items based on current manufacturer list price	List + 25%
Catalog Discount	Total Learning Space	Percentage Discount on Total Learning Space Items based on current manufacturer list price	10%
Catalog Discount	Tropitone	Percentage Discount on VS Items based on current manufacturer list price	10%
Catalog Discount	Viewsonic	Percentage Discount on Viewsonic Items based on current manufacturer list price	5%
Catalog Discount	Webcoat	Percentage Discount on Webcoat Items based on current manufacturer list price	List + 20%
Catalog Discount	Kompan	Percentage Discount on Kompan items based on current manufacturer list price	List + 10%
Catalog Discount	Miracle	Percentage Discount on Miracle Items based on current manufacturer list price	List + 10%
Catalog Discount	Byrne	Percentage Discount on Byrne Items based on current manufacturer list price	List
Catalog Discount	Diversified	Percentage Discount on Diversified Items based on current manufacturer list price	10%
Catalog Discount	Shain	Percentage Discount on Shain Items based on current manufacturer list price	10%
Catalog Discount	Matrix	Percentage Discount on Matrix Items based on current manufacturer list price	10%
Catalog Discount	Schwinn	Percentage Discount on Schwinn items based on current manufacturer list price	10%
Catalog Discount	Troy Barbell	Percentage Discount on Troy Barbell Items based on current manufacturer list price	10%
Catalog Discount	Ecore	Percentage Discount on Ecore Items based on current manufacturer list price	10%
Catalog Discount	Hoist Strength	Percentage Discount on Hoist Strength Items based on current manufacturer list price	10%
Catalog Discount	Core Health Fitness	Percentage Discount on Core Health Fitness Items based on current manufacturer list price	10%
Catalog Discount	Dynamic Strength	Percentage Discount on Dynamic Strength based on current manufacturer list price	10%
Catalog Discount	Grainger	Percentage Discount on Grainger Items based on current manufacturer list price	List + 20%
Catalog Discount	Xult	Percentage Discount on Xult Items based on current manufacturer list price	List + 10%
Catalog Discount	TRX	Percentage Discount on TRX Items based on current manufacturer list price	List + 10%
Catalog Discount	TLS	Percentage Discount on TLS Items based on current manufacturer list price	10%

**UNIT PRICE SCHEDULES  
ANCILLARY SERVICES**

<b>ANCILLARY SERVICES</b>			
<b>Application Type</b>	<b>Description</b>	<b>UOM</b>	<b>Price</b>
Ancillary Application	Application Specialist	Hour	\$62.63
Ancillary Application	Material Handler	Hour	\$86.78
Ancillary Application	Flooring Installer, Resilient	Hour	\$86.78
Ancillary Application	Drywall Finisher	Hour	\$88.63
Ancillary Application	Electrician	Hour	\$123.80
Ancillary Application	Inside Wireman	Hour	\$113.84
Ancillary Application	Electrical, Comm, System Installer	Hour	\$66.10
Ancillary Application	Painter, Industrial	Hour	\$79.38
Ancillary Application	Plasterer	Hour	\$79.19
Ancillary Application	Mason/Finisher	Hour	\$68.65
Ancillary Application	Plumber, Industrial	Hour	\$136.73
Ancillary Application	Landscape, Artificial	Hour	\$86.78
Ancillary Application	Landscape, Irrigation	Hour	\$109.63
Ancillary Application	Tile Layer	Hour	\$98.18
Ancillary Application	Field Surveyor	Hour	\$84.10
Ancillary Application	Quality Controller	Hour	\$86.78
Ancillary Application	Safety Officer	Hour	\$86.78
Ancillary Application	Project Supervisor	Hour	\$86.78
Ancillary Application	Consultant	Hour	\$86.78
Ancillary Application	One-coat Moisture Control System for Concrete to Receive Concrete	Hour	\$86.78
Ancillary Application	Ultra Bag	Hour	\$86.78
Ancillary Application	Premium Self-Leveling Underlayment	Hour	\$86.78
Ancillary Application	Self-Drying, Self-Leveling Concrete Topping	Hour	\$86.78
Ancillary Application	Two-Part, Low Viscosity Rigid Polyurethane Crack & Joint Repair	Hour	\$86.78
Ancillary Application	Semi-Rigid Joint Sealant	Hour	\$86.78
Ancillary Application	Exterior Self-Leveling Concrete Topping	Hour	\$86.78
Ancillary Application	Moisture Resistant Patch for Concrete	Hour	\$86.78
Ancillary Application	Rapid Setting Latex Smoothing Leveling Compound	Hour	\$86.78
Ancillary Application	Ceiling Panel Installation (includes removal & disposal of existing panels)	Panel	\$86.78

**UNIT PRICE SCHEDULES  
ANCILLARY SERVICES**

<b>ANCILLARY SERVICES</b>			
<b>Application Type</b>	<b>Description</b>	<b>UOM</b>	<b>Price</b>
Ancillary Application	Paint Application	Hour	\$84.42
Ancillary Application	Interior/Exterior Paint Prep Work	Hour	\$84.42
Ancillary Application	Minor Repairs	Hour	\$86.78
Ancillary Application	Window Treatment Installation	Hour	\$62.63
Ancillary Application	Lamp Lens Replacement	Hour	\$123.80
Ancillary Application	Re-Lamp (includes disposal of existing materials)	Hour	\$123.80
Ancillary Application	Furniture Placement (New)	Hour	\$63.52
Ancillary Application	Furniture Placement (Existing-Remove & Replace)	Hour	\$63.52
Ancillary Application	Tack Board Installation	Hour	\$86.78
Ancillary Application	Sound Wall Installation	Hour	\$87.53
Ancillary Application	Surface Preparation	Hour	\$86.78
Ancillary Application	Lead-Based Paint Removal Application Specialist	Hour	\$84.42
Ancillary Application	Carpenter	Hour	\$87.53
Ancillary Application	Cement Mason	Hour	\$68.65
Ancillary Application	Drywall Installer Lather	Hour	\$88.63
Ancillary Application	Modular Furniture Installer	Hour	\$63.52
Ancillary Application	Operating engineer	Hour	\$76.94
Ancillary Application	Slurry Sealer Mixer	Hour	\$37.70
Ancillary Application	Operating Pile Driver	Hour	\$90.08
Ancillary Application	Drywall Finisher	Hour	\$88.63
Ancillary Application	Industrial Painter	Hour	\$79.38
Ancillary Application	Painter, Lead Abatement	Hour	\$84.42
Ancillary Application	Industrial Repaint Painter	Hour	\$79.38
Ancillary Application	Plasterer	Hour	\$79.19
Ancillary Application	Maintenance Electrician	Hour	\$123.80
Ancillary Application	AV Installer	Hour	\$123.80
Ancillary Application	General Plumber	Hour	\$136.73
Ancillary Application	Drainage Installer	Hour	\$78.64
Ancillary Application	Mason Finisher	Hour	\$55.55

**UNIT PRICE SCHEDULES  
ANCILLARY SERVICES**

<b>ANCILLARY SERVICES</b>			
<b>Application Type</b>	<b>Description</b>	<b>UOM</b>	<b>Price</b>
Ancillary Application	Design Services	Hour	\$62.94
Ancillary Application	Training	Hour	\$62.94
Ancillary Application	Fascia Replacement	Hour	\$67.34
Ancillary Application	Thermostat Replacement	Hour	\$123.80
Ancillary Application	Whiteboard Wall - Porcelain	Square Foot	\$86.78
Ancillary Application	Site Assessment Evaluation	Each	\$86.78
Ancillary Application	Hardware	Each	\$86.78
Ancillary Application	Dumpster Rental	Square Yard	\$86.78
Ancillary Application	Warehouse Storage	Square Foot	\$86.78
Ancillary Application	Trip Charge	Each	\$86.78
Ancillary Application	Assemble and Deliver Ceiling Light Fixtures	Each	\$2.00
Ancillary Application	Deliver and Layout Acoustical Ceiling Tiles	Square Foot	\$1.50
Ancillary Application	Assemble Ceiling Tile Grid System	Square Foot	\$10.00
Ancillary Application	Supply and Apply Protective Wall Coating for Deferred Maintenance	Square Foot	\$2.50
Ancillary Application	Supply and Apply Wall Lamination	Square Foot	\$8.00

[END OF SECTION]

# **SPECIFICATIONS**

SPECIFICATIONS



**LIMITED WARRANTY**

This certificate is the Limited Warranty for JAYPRO® manufactured products not covered by other specific warranty. Manufacturer warrants all its products against defect in workmanship and material for three (3) years, from the date of shipment, unless otherwise noted and/or warranted. Nets are warrantee for one (1) year. In no case do we warranty any product's safe and useful life to be greater than ten years. Alteration or modification of the product voids any warranty. We reserve the right to repair, replace or refund, as appropriate, at no cost to our Customer.

This warranty does not cover damages as a result of improper installation, improper maintenance, vandalism, nor does it cover damage that is a result of an act of God such as hurricanes, tornadoes, hail, floods or other Acts of God. This warranty covers only those items expressly mentioned herein.

Upon notification of possible warranty condition by the end user, Jaypro® shall inspect and verify defect. If warranty condition exists, Jaypro® will, at its option, arrange for the repair and/or replacement of the defective item. NO replacement or repair charges will be honored without prior notification and authorization to and by JAYPRO® SPORTS, INC. If replacement is required, Jaypro® reserves the right to supply either the same or similar product.

**ITEMS NOT COVERED BY THIS WARRANTY**

1. Damage due to abuse or intentional misuse of the unit.
2. Damage due to vandalism
3. Damage due to installation not in compliance with Jaypro® recommendations
4. Dissatisfaction due to improper maintenance or installation

Jaypro® is not liable for incidental, consequential, special nor any other damages regardless of the cause of the damage.

**This warranty is in lieu of any and all warranties expressed or implied.  
Jaypro reserves the right to withdraw this warranty from the market at any time.**

For Warranty questions or concerns, please contact:

JAYPRO® SPORTS, INC.  
Customer Service  
976 Hartford Turnpike  
Waterford, CT 06385  
(800) 243-0533



SPECIFICATIONS



**Volleyball Uprights  
10 Year Limited Warranty**

This certificate is the Limited Warranty for JAYPRO® Volleyball Uprights. Manufacturer warrants its volleyball uprights against defect in workmanship and material for ten (10) years, from the date of shipment, unless otherwise noted and/or warranted. In no case do we warranty any product's safe and useful life to be greater than ten years. Alteration or modification of the product voids any warranty. We reserve the right to repair, replace or refund, as appropriate, at no cost to our Customer.

This warranty does not cover damages as a result of improper installation, improper maintenance, vandalism, nor does it cover damage that is a result of an act of God such as hurricanes, tornadoes, hail, floods or other Acts of God. This warranty covers only those items expressly mentioned herein.

Upon notification of possible warranty condition by the end user, Jaypro® shall inspect and verify defect. If warranty condition exists, Jaypro® will, at its option, arrange for the repair and/or replacement of the defective item. NO replacement or repair charges will be honored without prior notification and authorization to and by JAYPRO® SPORTS, INC. If replacement is required, Jaypro® reserves the right to supply either the same or similar product.

**ITEMS NOT COVERED BY THIS WARRANTY**

1. Damage due to abuse or intentional misuse of the unit.
2. Damage due to vandalism
3. Damage due to installation not in compliance with Jaypro® recommendations
4. Dissatisfaction due to improper maintenance or installation

Jaypro® is not liable for incidental, consequential, special nor any other damages regardless of the cause of the damage.

**This warranty is in lieu of any and all warranties expressed or implied.  
Jaypro reserves the right to withdraw this warranty from the market at any time.**

For Warranty questions or concerns, please contact:

JAYPRO® SPORTS, INC.  
Customer Service  
976 Hartford Turnpike  
Waterford, CT 06385  
(800) 243-0533



## SPECIFICATIONS

Jaypro Sports, Inc.  
976 Hartford Turnpike  
Waterford, CT 06385

Phone: 860-447-3001  
Fax: 860-444-1779  
[www.jaypro.com](http://www.jaypro.com)

# Limited Warranty

Jaypro warrants all of our products against defects in workmanship and material for three years from the date of shipment unless otherwise noted in the catalog. Nets are warranted for one year. Normal deterioration of products due to weather, wear and tear or other causes that do not affect functional use are not covered by the warranty. Jaypro reserves the right to repair, replace or refund, as appropriate. Please contact Jaypro for instructions and return authorization. This limited warranty is exclusive and in lieu of all other warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose. Jaypro shall not be liable for any incidental or consequential damages of any nature whatsoever. This warranty gives you specific legal rights, and may also have other rights which vary from state to state.

## SPECIFICATIONS

### **Nevco Guarantee**

Nevco, Inc. scoreboards, marquees, message centers, scoring tables and video boards are guaranteed for a period of five (5) years\* from the date of invoice against defects in workmanship or material and will be replaced or repaired without cost to the owner provided the equipment or parts (which includes LED segments) are returned postage-paid to the Nevco, Inc. factory. Shipping back to the owner will be surface postage prepaid except if air or special method of return is specified, then shipping will be freight collect. Nevco, Inc. will pay no charges for time or materials used by others in making repairs or corrections. Guarantee shall be void if: any alteration or service, other than unplugging modules or controls, is performed without Nevco, Inc. factory authorization; or if the equipment has been connected to incorrect power, or is improperly grounded or improperly installed. Equipment which is subjected to accident, neglect, abuse, misuse or other natural disasters, including but not limited to: fire, wind, lightning, flood is not covered by this guarantee.

SPECIFICATIONS

**LIMITED WARRANTY**

INTERKAL

Limited Warranty. Interkal warrants its products to be free from defects in materials or workmanship under normal conditions for One (1) year from the date of the actual sign off by the end user of the product.

SIGN OFF DATE \_\_\_\_\_  
School Name \_\_\_\_\_  
Enter the TGS # \_\_\_\_\_  
Dealer Organization \_\_\_\_\_

**THIS WARRANTY IS EXPRESSLY MADE IN LIEU OF ANY AND ALL OTHER WARRANTIES, EXPRESS OR IMPLIED, INCLUDING THE IMPLIED WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.**

This warranty shall not apply to any product, which is subject to abuse, accident, natural calamity or misuse, including the failure to specifically follow all operating or maintenance instructions, or for any alteration, modification, repair or maintenance performed by anyone other than Interkal or its representatives. Interkal gives no warranty with respect to any products manufactured by others or any installation, maintenance or repairs performed by anyone other than Interkal, and the sole warranty therefore shall be from the manufacturer of such products or the provider of such services.

Limitation of Remedy and Damages. The exclusive remedy for this Warranty shall be that Interkal shall repair or replace the product or any part thereof, which Interkal determines to be defective. In no event shall Interkal be liable for consequential, incidental or special damages, loss of property or production, or for installation or other costs. Interkal shall not be responsible for damage to its products by others or for improper use of equipment by others.

Limitation of Liability. The liability of Interkal on any claim of any kind, including for negligence, strict or product liability, or breach of contract or warranty, for any loss or damage arising out of or in connection with any products, or the performance or breach of any contract with respect to the products, shall in no case exceed the amount paid for the products, and shall not include any liability for any consequential, incidental or special damages, loss of production or profits, or for installation or other costs.

**INTERKAL**

## SPECIFICATIONS



601 Mercury Drive • Champaign, IL 61822 USA  
 ph: 217-367-8438 • fax: 217-367-8440  
 800-637-3090 • www.gillathletics.com

## Limited Warranty

Gill Athletics warrants to the original consumer purchaser on any product manufactured by us that it will repair or replace any warranted product in case of malfunction, defects in workmanship or material or failure to conform with this warranty, provided such damage is not caused by misuse, abuse or failure to provide reasonable care and maintenance. The period of Limited Warranty is based on product class; please see below for specific products and period of Limited Warranty expressed. Customer must have a copy of their invoice.

Defective products will be repaired or replaced, at the option of Gill Athletics, without charge, provided said product is returned to Gill Athletics at the purchaser's expense. Gill Athletics reserves the right to refund the actual purchase in lieu of repair or replacement.

This limited warranty is exclusive and in lieu of all other warranties, expressed or implied, including warranties of merchantability and fitness for a particular purpose and Gill Athletics shall not be liable for any incidental or consequential damages of any nature whatsoever. Some states do not allow limitations on how long an implied warranty lasts or do not allow the exclusion or limitation of incidental or consequential damages, so the above limitation may not apply to you. This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state.

### Product Categories and term of Limited Warranty:

Landing Systems and Standards (excluding Essentials): 10 year limited warranty  
 Essentials Landing Systems and Standards (PV and HJ): 5 year limited warranty  
 Hurdles and Throwing Cages (excluding Essentials hurdles and nets): 5 year limited warranty  
 Essentials Hurdles and Nets for Throwing Cages: 1 year limited warranty  
 Indoor Orbiters and Softshell/Hardshell Shot Puts: 1 year limited warranty  
 Electronics (uses battery or plugged in): 90 day limited warranty  
 Vaulting Poles and Crossbars: No warranty

All other items not expressed above: 1 year limited warranty

Revised: 05/22/13



SPECIFICATIONS

**Art Metal Products®  
Twin-frame All-Welded Locker  
Lifetime Warranty**

**Customer:**

**Project:**

**Art Metal Products Job Number:**

**Shipped on:**

**AMP Twin-Frame All-Welded Lockers carry a Lifetime warranty against defects in materials and workmanship.**

**Rust resulting from excessive use of cleaning agents, exposure to water from open doors and windows or roof leaks, improper ventilation causing high humidity, and chlorine saturated bathing suits will not be covered by this warranty.**

**The warranty only applies to components manufactured by Art Metal Products and excludes those items such as locks, wood bench tops, cast iron pedestals, etc.**

**Damage resulting from deliberate destruction, vandalism, shipping or faulty installation is not covered by this warranty.**

**Art Metal Products shall perform any repair, adjustment or replacement to be made under this warranty only upon authorization in writing.**

**401 Jim Moran Blvd., P.O. Box 4157, Deerfield Beach  
www.ArtMeta**

**-3843**



## **Art Metal Products® Conventional Knock-Down Locker Two Year Warranty**

**Customer:**

**Project:**

**Art Metal Products Job Number:**

**Shipped on:**

**K.D. Conventional Steel lockers carry a full two year warranty against defects in materials and workmanship.**

**This warranty does not cover scratching or marring of finishes occurring under normal usage, perfect color matches on reorders (due to possible pigment variations over the years.), nor fastness of special colors which may require special pigments. It does not include any lock nor other devices not manufactured by Art Metal Products. Rusting resulting from excessive use of abrasive cleaning agents, exposure to water from open doors and windows or roof leaks, improper ventilation causing high humidity, and chlorine saturated bathing suits will not be covered in this warranty. Any repairs, adjustments or replacements to be made under this warranty; shall be performed only upon authorization in writing by Art Metal Products.**

**Deliberate destruction, vandalism or damage resulting from faulty installation is not covered by this warranty.**

**We reserve the right to inspect any defective material and reserve the right to replace or ship back to our factory at Art Metal's expense. Determination of warranty claims require on site inspection by an authorized Art Metal representative**

**401 Jim Moran Blvd., P.O. Box 4157, Deerfield Beach, FL 33442 • Ph 954-429-9662 • Fax 954-428-3843  
[www.ArtMetalProducts.com](http://www.ArtMetalProducts.com)**

SPECIFICATIONS

# WARRANTY

SEATING CONCEPTS LLC WARRANTS TO THE ORIGINAL PURCHASER THAT THE PRODUCT PURCHASED IS FREE OF DEFECTS IN MATERIAL AND WORKMANSHIP. THIS WARRANTY IS EFFECTIVE FOR FIVE YEARS FROM THE DATE OF PURCHASE.

THIS WARRANTY IS FOR PRODUCTS PURCHASED FROM SEATING CONCEPTS LLC.

SEATING CONCEPTS LLC LIABILITY IS LIMITED TO REPLACEMENT OF THE PARTS IN ACCORDANCE WITH THE FOREGOING. HOWEVER, SEATING CONCEPTS LLC WILL NOT BE RESPONSIBLE FOR ANY INSTALLATION COSTS, LOSS OF TIME OR OTHER CONSEQUENTIAL DAMAGES OR COSTS INCURRED.

THIS WARRANTY DOES NOT COVER DAMAGE TO THE PRODUCT OR PARTS CAUSED BY WILLFUL ABUSE OR NEGLIGENCE, DESTRUCTION BY FIRE, EXPLOSION, THEFT, VANDALISM OR FAILURE TO PROPERLY MAINTAIN THE PRODUCT OR PARTS.

THE GUARANTEE FOR FABRICS AND LEATHERS USED IN CONJUNCTION WITH OUR PRODUCT IS LIMITED TO THE MILL'S GUARANTEE. SEATING CONCEPTS LLC WILL NOT BE RESPONSIBLE FOR MISUSE, WEAR AND TEAR OR ABUSE, OR CHANGES IN FINISH, COLOR, SHADING OR SURFACE TEXTURE DUE TO AGING, JOB SITE CONDITIONS, OR THE NATURAL CHARACTER OF WOOD SOLIDS, VENEERS AND LAMINATES.

NO IMPLIED WARRANTY OF MERCHANTABILITY OR FITNESS FOR PURPOSE SHALL BE IN EFFECT FOR LONGER THAN THE DESIGNATED WARRANTY PERIOD.

NOTE: IN COUNTRIES OR STATES WHICH PROHIBIT LIMITATIONS ON THE DURATION OF AN IMPLIED WARRANTY OR THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, THE ABOVE LIMITATIONS MAY NOT APPLY.

PROJECT NAME:

PRODUCT PURCHASED:

DATE OF INSTALLATION:

SEATING CONCEPTS LLC

BY: \_\_\_\_\_  
Authorized Signature



## SPECIFICATIONS

# Spectrum Aquatics® Warranty

TWO (2) YEAR LIMITED WARRANTY: AQUATIC LIFTS

THREE (3) YEAR LIMITED WARRANTY: STAINLESS STEEL DECK EQUIPMENT AND AQUATIC LIFT FRAME

**What is covered by this warranty?** Spectrum Aquatics® warrants all products it manufactures to be free from defects in materials and factory workmanship to the original buyer. This warranty is contingent upon the proper installation, use, care and operation of the equipment for its intended purpose, and does not cover equipment that has been modified or has been subjected to abusive physical or environmental stresses. Spectrum Aquatics® agrees to repair or replace, at its sole discretion, any product that fails to perform as specified within the specified warranty period, unless otherwise noted. Warranty on pool lifts and lift components will be valid from the date of installation, which is verified by sending in the warranty card. In cases where the warranty card is not returned to Spectrum Aquatics, the beginning date for the warranty period will be the date that the pool lift was shipped from Spectrum.

This warranty relates only to defects in materials and workmanship and does not include damage or failure resulting from other causes, including, but not limited to, acts of God, misuse or abuse, accident or negligence, fire, improper installation or ice damage. This warranty does not apply to fading of materials or to any corrosion of any metallic parts. Damage induced by the improper use of chemicals is not covered by this warranty. In the event that products are altered or repaired by anyone without the prior written approval of Spectrum Aquatics®, all warranties are voided.

**Powder Coated Products:** This warranty does not cover chipping, flaking, scratches or any other surface defect due to abuse, mishandling of product, or lack of maintenance and care. Due to the corrosive environments, this warranty does not cover surfaces damaged during handling or installation. Although powder coating on product is designed for long-term use, keeping products outside in the elements, inside a highly humid environment, excessive washing (including power washing) or improper maintenance may result in premature corrosion.

**Parts:** Components of products provided by other manufacturers are subject to the original equipment manufacturers (OEM) warranty. Examples include but not limited to batteries, actuators, control systems, valves, pumps, etc.

**What will Spectrum do related to the product covered by this warranty?** Spectrum shall provide, F.O.B. the factory, new or reconditioned replacement product or parts (Spectrum's option). This warranty does not cover labor to remove or install equipment and parts.

**What is not covered by this warranty?** Damage or loss in transit as indicated by bill of lading, normal wear and tear, chemical damage, discoloration, misuse and damage or loss caused by neglect, abuse, vandalism, modification, improper installation, lack of proper maintenance (such as keeping products clean, lubricating battery contacts on lifts, etc.) or physical damage are not included in this warranty. See owner's manual for recommendations related to the use and care of the product.

**IMPORTANT: TO ENSURE SAFE OPERATION, USERS MUST COMPLY WITH THE PUBLISHED WEIGHT LIMITS ON SEVERAL PRODUCTS SUCH AS SLIDES, LIFTS, CHAIRS, STARTING PLATFORMS, STANDS AND LADDERS. REFER TO PRODUCT LITERATURE AND MANUALS FOR THESE LIMITATIONS.**

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To make a warranty claim, contact:

Spectrum Aquatics®  
7100 Spectrum Lane  
Missoula, MT 59808  
info@spectrumproducts.com

Your Rights Under State Law: This warranty gives you specific legal rights, and you may also have other rights, which vary from state to state. Spectrum Aquatics® disclaims all liability for damage during transportation, for incidental, special or consequential damage of whatever nature, for damage due to handling, installation, or improper operation, or for damage caused by circumstances beyond Spectrum Products™ control; in no event shall recovery of any kind against Spectrum Products™ be greater in amount than the purchase price of the equipment sold by Spectrum Aquatics® that caused alleged damage. Spectrum Aquatics® makes no warranties either expressed or implied, including any warranty of merchantability or fitness for particular purpose, other than these stated. Some states do not allow the exclusion or limitation of incidental or consequential damages, or limitations on how long on implied warranty lasts, so the above exclusions may not apply to you. No representative has authority to change or modify this warranty in any respect.

1.800.791.8056 www.spectrumproducts.com 082013

**INTERIOR GYMNASIUM EQUIPMENT****1. CEILING SUSPENDED FORWARD FOLD, REAR BRACED BACKSTOPS****Model No. 817-FFRB-J**

- A. "Single Drop" ceiling suspended, forward fold, rear brace backstop as manufactured by Jaypro Sports, LLC, Waterford, CT. Backstops shall be welded in accordance with American Welding Society, (AWS), D1.1 "Structural Welding Code-Steel".
- B. Vertical front drop frame assembly "Single Drop" shall consist of main center mast of 6-5/8" O.D., heavy wall, structural steel tube with diagonal side sway braces of 2-3/8" O.D., structural pipe. Sway braces shall attach to the mast no higher than 36" above the backboard for maximum rigidity. Top of mast is welded to a heavy 4" structural steel channel. Backstop shall be braced to the rear and shall fold forward. Rear brace shall be 2-3/8" O.D. steel tubing and shall be attached to drop frame by a sliding collar mechanism for ease and confidence in operation.
- C. Goal shall mount directly through backboard and into a heavy structural steel weldment which shall be clamped to the vertical 6-5/8" O.D. center mast. This direct attachment feature transfers the load on the goal directly to the mast to minimize stress to the glass backboard. Goal and backboard mounting design shall conform to NCAA, NFSHA and FIBA regulations.
- D. The all-welded "Single Drop" design shall be suspended from custom adjustable hangers with bronze bushings designed to be offset no less than 1-1/2" behind the center line of gravity of the mast providing for the proper weighting of the assembly insuring that the unit locks securely and automatically into the playing position.
- E. Backstop shall be supported from 3-1/2" O.D. pipe anchored to roof framing members by means of heavy formed steel support fittings. Each attachment clamp must be capable of supporting a static load of at least 10,000 lbs with no deflection.
- F. All metal parts shall powder coated black. All metal parts will be packaged for protection during shipment from manufacturer. Architect has the option of choosing from seven additional colors at additional cost. Color options include white, red, blue, dark blue, dark green, gray, and yellow. Manufacturer to provide color samples upon request

**Model 817-FFRB-J**

- 1) Options: Under 28'H Welded, 28'-32' H Bolt Together, 32'-40' H Bolt Together

**2. CEILING SUSPENDED WALL BRACED / CEILING BRACED, STATIONARY BACKSTOPS****Model No. 818-WB-J / 826-NF**

- A. "Single Drop" ceiling suspended, wall braced, stationary backstop as manufactured by Jaypro Sports, LLC, Waterford, CT. Backstops shall be welded in accordance with American Welding Society, (AWS), D1.1 "Structural Welding Code-Steel".
- B. Vertical front drop frame assembly "Single Drop" shall consist of main center mast of 6-5/8" O.D., heavy wall, structural steel tube with diagonal side sway braces of 2-3/8" O.D., structural pipe. Sway braces shall attach to the mast no higher than 36" above the backboard for maximum rigidity. Top of mast is welded to a heavy 4" structural steel channel. Goal shall mount directly through backboard and into a heavy structural steel weldment which shall be clamped to the vertical 6-5/8" O.D. center mast. This direct

attachment feature transfers the load on the goal directly to the mast to minimize stress to the glass backboard. Goal and backboard mounting design shall conform to NCAA, NFSHSA and FIBA regulations.

- C. The all-welded "Single Drop" design shall be suspended from custom adjustable hangers with bronze bushings designed to be offset no less than 1-½" behind the center line of gravity of the mast providing for the proper weighting of the assembly insuring that the unit locks securely and automatically into the playing position.
- D. Backstop shall be supported from 3-1/2" O.D. pipe anchored to roof framing members by means of heavy formed steel support fittings. Each attachment clamp must be capable of supporting a static load of at least 10,000 lbs with no deflection.
- E. All metal parts shall powder coated black. All metal parts will be packaged for protection during shipment from manufacturer. Architect has the option of choosing from seven additional colors at additional cost. Color options include white, red, blue, dark blue, dark green, gray, and yellow. Manufacturer to provide color samples upon request

**Model 818-WB-J / 826-NF-J**

- 1) Options: Under 28'H Welded, 28'-32' H Bolt Together, 32'-40' H Bolt Together

**3. CEILING SUSPENDED OFFSET MAST, FORWARD FOLD BACKSTOPS**

**Model No. 850-OSB-J**

- A. "Single Drop" offset mast ceiling suspended, forward fold backstop as manufactured by Jaypro Sports, LLC, Waterford, CT. Backstops shall be welded in accordance with American Welding Society, (AWS), D1.1 "Structural Welding Code-Steel".
- B. Vertical front drop frame assembly "Single Drop" shall consist of main center mast of 6-5/8" O.D., heavy wall, structural steel tube with diagonal side sway braces of 2-3/8" O.D., structural pipe. Sway braces shall attach to the mast no higher than 36" above the backboard for maximum rigidity. Top of mast is welded to a heavy 4" structural steel channel. Mast and sway braces shall be welded for ceiling heights up to forty (40) feet. Backstop shall be braced to the front and shall fold forward. Mast shall be offset to the rear to allow the mast attachment point to fall behind the face of the board
- C. Goal shall mount directly through backboard and into a heavy structural steel weldment which shall be clamped to the vertical 6-5/8" O.D. center mast. This direct attachment feature transfers the load on the goal directly to the mast to minimize stress to the glass backboard. Goal and backboard mounting design shall conform to NCAA, NFSHSA and FIBA regulations.
- D. The all-welded "Single Drop" design shall be suspended from custom adjustable hangers with bronze bushings designed to be offset no less than 1-½" behind the center line of gravity of the mast providing for the proper weighting of the assembly insuring that the unit locks securely and automatically into the playing position.
- E. Backstop shall be supported from 3-1/2" O.D. pipe anchored to roof framing members by means of heavy formed steel support fittings. Each attachment clamp must be capable of supporting a static load of at least 10,000 lbs with no deflection.
- F. All metal parts shall powder coated black. All metal parts will be packaged for protection during shipment from manufacturer. Architect has the option of choosing from seven additional colors at additional cost. Color options include white, red, blue, dark blue, dark green, gray, and yellow. Manufacturer to provide color samples upon request

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**Model 850-OSB-J Options:**

- 1) Under 28'H Welded, 28'-32' H Bolt Together, 32'-40' H Bolt Together

**4. CEILING SUSPENDED REAR FOLD / ROLL FOLD, REAR BRACED BACKSTOP**

Model No. 823-BF-J / 860-RF-J

- A. "Single Drop" ceiling suspended, rear fold, rear brace backstop as manufactured by Jaypro Sports, LLC, Waterford, CT
- B. Vertical front drop frame assembly "Single Drop" shall consist of main center mast of 6-5/8" O.D., heavy wall, structural steel tube with diagonal side sway braces of 2-3/8" O.D., structural pipe. Sway braces should attach to the mast no higher than 24" above the backboard for maximum rigidity. Top of mast is welded to a heavy 4" structural steel channel. Mast and sway braces shall be welded for ceiling heights up to forty (40) feet.
- C. Backstop shall be braced to the rear and shall fold up to the rear. The brace shall be a minimum of 2-3/8" O.D. structural tube assembly. The rear brace assembly shall have a fully adjustable folding knee joint assembly allowing for exact positioning at installation and maintenance free operation. Knee joint locks backboard securely and accurately in playing position through the use of internally weighted joint design.
- D. Goal shall mount directly through backboard and into a heavy structural steel weldment which shall be clamped to the vertical 6-5/8" O.D. center mast. This direct attachment feature transfers the load on the goal directly to the mast to minimize stress to the glass backboard. Goal and backboard mounting design shall conform to NCAA, NFHS and FIBA regulations.
- E. The all-welded "Single Drop" design shall be suspended from custom adjustable hangers with bronze bushings designed to be offset no less than 1-1/2" behind the center line of gravity of the mast providing for the proper weighting of the assembly insuring that the unit locks securely and automatically into the playing position.
- F. Backstop shall be supported from 3-1/2" O.D. pipe anchored to roof framing members by means of heavy formed steel support fittings. Each attachment clamp must be capable of supporting a static load of at least 10,000 lbs with no deflection.
- G. All metal parts shall powder coated black. All metal parts will be packaged for protection during shipment from manufacturer. Architect has the option of choosing from seven additional colors at additional cost. Color options include white, red, blue, dark blue, dark green, gray, and yellow. Manufacturer to provide color samples upon request

Model 823-BF-J / 860-RF-J Options:

- 1) Under 28'H Welded, 28'-32' H Bolt Together, 32'-40' H Bolt Together

**5. CEILING SUSPENDED, SIDE FOLDING BACKSTOPS**

Model No. 855-SFB-J / 865-OSB-J

- A. "Single Drop" ceiling suspended, side fold backstop as manufactured by Jaypro Sports, LLC, Waterford, CT.
- B. Vertical front drop frame assembly "Single Drop" shall consist of main center mast of 6-5/8" O.D., heavy wall, structural steel tube with diagonal side sway braces of 2-3/8" O.D., structural pipe. Sway braces should attach to the mast no higher than 24" above the backboard for maximum rigidity. Top of mast is welded to a heavy 4" structural steel channel. Mast and sway braces shall be welded for ceiling heights up

to forty (40) feet. Backstop shall be braced to the side and shall fold up to the side. The brace shall be a minimum of 2-3/8" O.D. structural tube assembly. The side brace assembly shall have a fully adjustable folding knee joint assembly allowing for exact positioning at installation and maintenance free operation. Knee joint locks backboard securely and accurately in playing position through the use of an internally weighted joint design. The knee assembly lock is quickly and smoothly disengaged automatically by the simple tensioning of the cable during the act of raising the backstop into its stored position.

**SPECIFICATIONS**

- C. Goal shall mount directly through backboard and into a heavy structural steel weldment which shall be clamped to the vertical 6-5/8" O.D. center mast. This direct attachment feature transfers the load on the goal directly to the mast to minimize stress to the glass backboard. Goal and backboard mounting design shall conform to NCAA, NFSHSA and FIBA regulations.
- D. The main mast shall be suspended from custom adjustable hangers with bronze bushings designed to be offset no less than 1-1/2" behind the center line of gravity of the mast providing for the proper weighting of the assembly insuring that the unit locks securely and automatically into the playing position.
- E. Backstop shall be supported from 3-1/2" O.D. pipe anchored to roof framing members by means of heavy formed steel support fittings. Each attachment clamp must be capable of supporting a static load of at least 10,000 lbs with no deflection.
- F. All metal parts shall powder coated black. All metal parts will be packaged for protection during shipment from manufacturer. Architect has the option of choosing from seven additional colors at additional cost. Color options include white, red, blue, dark blue, dark green, gray, and yellow. Manufacturer to provide color samples upon request

**Model 855-SFB-J / 865-OSB-J Options:**

- 1) Under 28'H Welded, 28'-32' H Bolt Together, 32'-40' H Bolt Together

**6. CEILING SUSPENDED, FORWARD FOLD, FRONT BRACED BACKSTOPS**

**Model No. 849-FFFB-J**

- A. "Single Drop" ceiling suspended, forward fold, front brace backstop as manufactured by Jaypro Sports, LLC., Waterford, CT. Backstops shall be welded in accordance with American Welding Society, (AWS), D1.1 "Structural Welding Code-Steel.
- B. Vertical front drop frame assembly "Single Drop" shall consist of main center mast of 6-5/8" O.D., heavy wall, structural steel tube with diagonal side sway braces of 2-3/8" O.D., structural pipe. Sway braces shall attach to the mast no higher than 36" above the backboard for maximum rigidity. Top of mast is welded to a heavy 4" structural steel channel. Mast and sway braces shall be welded for ceiling heights up to forty (40) feet. Backstop shall be braced to the front and shall fold forward. The front brace assembly shall have a fully adjustable folding knee joint allowing for exact playing position and maintenance free operation.
- C. Goal shall mount directly through backboard and into a heavy structural steel weldment which shall be clamped to the vertical 6-5/8" O.D. center mast. This direct attachment feature transfers the load on the goal directly to the mast to minimize stress to the glass backboard. Goal and backboard mounting design shall conform to NCAA, NFSHSA and FIBA regulations.
- D. Backstop shall be supported from 3-1/2" O.D. pipe anchored to roof framing members by means of heavy formed steel support fittings. Each attachment clamp must be capable of supporting a static load of at least 10,000 lbs with no deflection.
- E. All metal parts shall powder coated black. All metal parts will be packaged for protection during shipment

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from manufacturer. Architect has the option of choosing from seven additional colors at additional cost. Color options include white, red, blue, dark blue, dark green, gray, and yellow. Manufacturer to provide color samples upon request

**Model 849-FFFB-J Options:**

- 1) Under 28'H Welded, 28'-32' H Bolt Together, 32'-40' H Bolt Together

**7. WALL MOUNTED SIDE FOLDING BACKSTOPS****Model No. 1500-J**

- A. Wall mounted side folding backstop as manufactured by Jaypro Sports, LLC, Waterford, CT
- B. Backstop shall be a wall mounted and wall braced side fold style with the bank face being extended (refer to drawings) from the supporting wall. Welded extension frames shall be fabricated of four (4) 1.9" O.D. heavy-duty pipe. Each pipe length shall terminate with fabricated steel hinges on the ends for attachment onto the wall and the bank. Wall ends of the frame hinge shall terminate in heavy steel plates for attachment to wall pads. Attachment to bank of the hinge shall be with use of special fabricated bracket. Hinges shall be different lengths so unit will fold against wall.
- C. Frame shall be braced diagonally with a 1.9" O.D. heavy-duty pipe that shall be locked into the extended (playing) position by the way of a quick release pin. When in the folded position the brace shall fold and lock into place with a quick release pin.
- D. Backstop shall be wall mounted and supported. Unit shall have safety chains independently attached to wall for support and stability of the unit in the playing position. Backstop shall lock into both playing and stored position. Unit shall be designed so as to swing freely to the side to be out of the way when not in use. All wall pads shall be southern yellow pine. All edges shall be chamfered and finished with two coats of clear lacquer.
- E. All metal parts shall powder coated black. All metal parts will be packaged for protection during shipment from manufacturer. Architect has the option of choosing from seven additional colors at additional cost. Color options include white, red, blue, dark blue, dark green, gray, and yellow. Manufacturer to provide color samples upon request

**Model 1500-J Options:**

- 1) 4-8' Extension, and 8-12' Extension off wall

**8. WALL MOUNTED UP FOLDING BACKSTOPS****Model No. 1400-J**

- A. wall mounted up folding backstops as manufactured by Jaypro Sports, LLC, Waterford, CT
- B. Backstop shall be a wall mounted and wall braced fold up style with the bank face being extended (refer to drawings) from the supporting wall. Welded extension frames shall be fabricated of four (4) 1.9" O.D. heavy-duty pipe. Each pipe length shall terminate with fabricated steel hinges on the ends for attachment onto the wall and the bank. Wall ends of the frame hinge shall terminate in heavy steel plates for attachment to wall pads. Attachment to bank of the hinge shall be with use of special fabricated bracket.
- C. Backstops shall be wall mounted and supported. Unit shall have safety chains independently attached to wall for support and stability of the unit in the playing position. Backstop shall lock into both playing position and stored position. Unit shall be designed so as to swing freely to the side to be out of the way

when not in use. All wall pads shall be southern pine yellow pine. All edges shall be chamfered and finished with two coats of clear lacquer. SPECIFICATIONS

- D. All metal parts shall powder coated black. All metal parts will be packaged for protection during shipment from manufacturer. Architect has the option of choosing from seven additional colors at additional cost. Color options include white, red, blue, dark blue, dark green, gray, and yellow. Manufacturer to provide color samples upon request

**Model 1400-J Options:**

- 1) 4-8' Extension, and 8-12' Extension off wall

## 9. WALL MOUNTED STATIONARY BACKSTOPS

**Model No. 1300-J / 1310-J**

- A. Wall mounted stationary backstop as manufactured by Jaypro Sports Inc., Waterford, Ct.
- B. Backstop shall be a wall mounted and wall braced style with the bank face being extended (see drawings) from the supporting wall. Welded extension frames shall be fabricated of 1.9" heavy duty pipe welded into a reverse "C" shape for rigidity and stability. Wall ends shall terminate in heavy steel plates for attachment to wall pads. Attachment to bank shall be with use of special fabricated bracket.
- C. Backstop shall require no internal bracing due to inherent rigidity of the welded structure of the frame.
- D. Backstop shall be wall mounted and supported. Chain supports are not required to insure stability and location of board. All wall pads shall be southern yellow pine. All edges shall
- E. be chamfered and finished with two coats of clear lacquer.
- F. All metal parts shall powder coated black. All metal parts will be packaged for protection during shipment from manufacturer. Architect has the option of choosing from seven additional colors at additional cost. Color options include white, red, blue, dark blue, dark green, gray, and yellow. Manufacturer to provide color samples upon request

**Model 1300-J / 1310-J Options:**

- 1) Up to 4' Extension, 4-8' Extension, and 8-12' Extension off wall

## 10. RECTANGULAR GLASS BACKBOARDS

**Model No. GBRUB-42/48/35**

- 1) Rectangular glass backboard, by Jaypro Sports LLC., Waterford, CT., with

**Model No. MBBP-6**

- 1) Bolt-on edge padding with 8-year warranty and available in 9 standard colors.

- A. Backboard shall be 42/48 inches high by 72 inches wide.
- B. Backboard shall be manufactured from ½" tempered glass set in heavy extruded aluminum framing and cushioned by shock absorbing vinyl. Official border and target area is fired into the glass.
- C. Goal mounting structure shall be a heavy, welded, formed steel assembly, which is directly attached to the lower horizontal frame member to minimize stress on the glass section.

- D. Backboard shall be protected by a limited, lifetime warranty against breakage when used on a Jaypro "single drop" direct attach support system in conjunction with a Jaypro goal. The board must meet NCAA, FIBA and NFSHSA specifications.

## 11. BASKETBALL GOAL

### **Model No. GBA-642/-648/-542/-548**

Breakaway goal as manufactured by Jaypro Sports, LLC, Waterford, CT.

- A. Goal shall be fabricated from 5/8" diameter cold drawn alloy steel round formed to an 18" inside diameter ring. Inside of ring shall be positioned 6" from face of backboard by heavy, formed steel hinged type housing with removable cover to conceal mounting bolts and entire shock absorption mechanism of goal, and also protect against finger entrapment.
- B. Goal shall be designed to absorb shock loads due to slam dunking or hanging on the rim. Shock absorption feature shall be provided by means of a special offset hinge arrangement rim and back plate mounting housing and a concealed molded rubber shock absorber.
- C. Function of goal shall meet the NCAA, FIBA and NFSHSA specification on moveable rims, which states, "A moveable basket ring shall have rebound characteristics identical to those of a non-moveable ring." Goal shall be set at factory for proper flex and rebound requirements.
- D. Goal shall be finished in a durable, electrostatic powder coated official orange finish.
- E. Goal shall be furnished complete with a heavy-duty, white, anti-whip nylon net and mounting hardware.

## 12. ELECTRIC WINCH

### **Model No. TW-2000 Electric Tork-Winch**

by Jaypro Sports, LLC, Waterford, CT.

- A. The backstop-positioning winch shall be a definite purpose electric winch designed specifically for use of basketball backstop positioning. The winch shall be a worm gear type designed to hold the backstop at any position during operation. The winch will be driven by a 1 HP, direct drive, instant reversing, 115-volt, single-phase electric torque motor with thermal overload protection manufactured to NEMA specifications. The winch utilizes a 3-wire control system pulling at a speed of 11 feet per minute.
- B. The winch employs a double worm reduction gear system and uses self-lubricating, composite materials that are completely oil free. The winch shall require no oil and no V-belts or chains and should be completely maintenance free.
- C. The winch shall have a uni-directional worm brake and an inherently self-locking composite worm drive, to assure positive dynamic braking and reliable holding of the drum cable.
- D. The drum shall be grooved for a ¼", 7 x 19 galvanized aircraft cable to facilitate smooth take-up of the cable and proper spooling of the cable. Drum shall allow 25 feet of travel on one (1) layer, and 40 feet on two (2) layers. Drum shall be supplied with a pressure roller, with torsion spring tensioning to ensure that the cable 'tracks' in the grooves to prevent bunching up and wear and tear on the cable even under slack cable conditions.
- E. Wiring of all electrical components shall be in accordance with local area codes, and in accordance with



manufacturer's instructions. All conduit, wiring, junction boxes, and components not specified herein shall be furnished and installed by the Electrical Contractor (Div. 16).

- F. The winch shall utilize a flush mounted, single key to both raise and lower the backstops eliminating the need for two keys. The key switch shall be located so that the backstop is in full view of the operator.
- G. Winch shall have a one-year replacement warranty for all product defects. Any winch without this warranty does not meet these specifications and should not be considered. Winches using ½H.P. motors, V-belts, chains, multiple keys and that require maintenance will not be accepted.
- H. The entire winch assembly must be UL listed. Winches not UL listed will not be approved.

### 13. MANUAL WINCH OPERATION

**Model No. TW-800M Manual Winch**  
by Jaypro Sports, LLC, Waterford, CT

- A. The basketball backstop positioning winch shall be a worm gear type designed to hold the backstop at any position during operation. Worm gear shall be a composite material that does not require oil or maintenance. Worm gear shall contain a load activated uni-directional brake to prevent back drive and "creeping" down of the backstop. Input shaft shall not extend beyond the winch housing to reduce the possibility of injury from an extended type shaft. Winch housing shall be capable of receiving and engaging an anti-torque safety bracket when a portable electric operator is used to reduce possibility of injury.
- B. The drum shall be grooved for a ¼", 7 x 19 galvanized aircraft cable to facilitate smooth take-up of the cable and proper spooling of the cable. Drum shall be supplied with a pressure roller, with torsion spring tensioning to ensure that the cable 'tracks' in the grooves to prevent bunching up and wear and tear on the cable even under slack cable conditions.
- C. Winch shall be provided with a 2" x 10" x 30" long yellow pine wood pad for mounting to wall. Pad shall have chamfered edges and shall be finished with two coats of natural clear gloss lacquer. Winch shall be located so that the backstop is in full view of the operator.
- D. Winch shall have a one-year replacement warranty for all product defects. Any winch without this warranty does not meet these specifications and should not be considered. Winches that require additional lubrication and maintenance will not be accepted.

### 14. MASTER EQUIPMENT CONTROLLER

**Model No. MEC-99 MEC Pad "Master Equipment Controller"**  
by Jaypro Sports LLC, Waterford, CT

- A. The MEC Pad is operated by a four-digit security code and is fully programmable by the user to change the security code at any time. The MEC Pad shall operate all gymnasium components including basketball backstops, gym divider curtains and electric height adjusters and two 15 amp auxiliary services for lights, scoreboards or PA systems.
- B. There will be no more than 12 volts of direct current allowed at the touch pad. Any switching mechanism requiring keys or having line voltage of 110 at the switch will not be accepted. Mechanisms without a security code will not be accepted. The MEC Pad shall be located so that the backstop is in full view of the operator.

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- C. The warranty is for one year from invoice date for workmanship and material. The electrical contractor is responsible for this installation.
- D. The entire MEC Pad assembly must be UL listed. Similar devices from other manufacturers not UL listed will not be approved.

## 15. ETEC EASY TOUCH EQUIPMENT CONTROLLER

### Model No. ETEC 'Easy Touch'

by Jaypro Sports LLC, Waterford, CT

- A. Operate all of your equipment from this state-of-the-art touch screen controller. Screens are customized showing actual gym layout and equipment. Operates backstops, curtains, height adjusters and batting cages all at the same time. Customized user programs, multiple password levels.
- B. The warranty is for one year from invoice date for workmanship and material. The electrical contractor is responsible for this installation.

## 16. TMX-DRX RADIO CONTROL

### Model TMX-DRX

by Jaypro Sports LLC, Waterford, CT

- A. Operate all of your equipment from this state-of-the-art remote control transmitter with individual receivers. Works up to 1000 gym components.

## 17. MULTIPLE KEY SWITCH GANG PLATE

### Model No. GPWKS

by Jaypro Sports LLC, Waterford, CT

- A. Operate all of your equipment from this switch gang plate. For a cleaner look on the wall

## 18. BACKSTOP AUTO LOCK, SAFETY STRAP

### Model No. SBAL-30 or PL-1000 safety strap

by Jaypro Sports, LLC, Waterford, CT

- A. Lock shall be inertia sensitive to automatically lock a basketball backstop in position at any time in storage or during the raising or lowering cycle due to a sudden surge of speed created by a possible malfunction of the hoisting apparatus, such as the winch, cable, pulleys, support fittings, etc.
- B. Safety strap shall incorporate a 2-inch wide nylon belt rated at a 6,000 pound breaking strength. The entire unit to be tested to withstand a 1,500-pound free fall load and rated at 1000 pounds. Strap shall extend a maximum of 35'-0" and shall be automatically retracted and stored on a reel equipped with a special negator type constant force spring. Operation and locking action of strap shall be by means of integral cast components which are activated by centrifugal force to lock a basketball backstop before the unit travels 12 inches of free fall. Unit shall incorporate a fully automatic reset requiring no poles, ropes, levers, or buttons.
- C. Unit shall be furnished with a universal mounting bracket to fit on any size pipe mounted either parallel or

at right angles to unit. Belt shall be supplied with a special be connection bracket for ease of securing directly to the basketball backstop. SPECIFICATIONS

## 19. MANUAL BASKETBALL BACKSTOP HEIGHT ADJUSTER

### Model No. AHA Aluminum Height Adjuster

by Jaypro Sports, LLC, Waterford, CT

- A. Height adjuster shall be manufactured of extruded, high strength alloy aluminum and shall be anodized to eliminate paint chipping during use. Height adjuster shall not exceed 55 pounds and be no more 14" in the width. Height adjuster to be screw driven as to raise and lower the goal height from 8' to 10' off the finished floor. Screw drive shall be a 3/4" Acme threaded rod secured in two bronze bushings. Height adjuster shall be operated from the floor by a hand crank (included with height adjuster).
- B. Height adjuster unit shall included direct goal attachment to eliminate stress on the backboard. All backboards mounted on this height adjustment unit shall carry a limited lifetime warranty against breakage. Height adjusters not utilizing a direct goal mount feature will not be approved

## 20. ELECTRIC BASKETBALL BACKSTOP HEIGHT ADJUSTER

### Model No. EAHA

by Jaypro Sports, LLC, Waterford, CT

- A. Height adjuster shall be manufactured of extruded, high strength alloy aluminum and shall be electrically operated a 115 volt single phase motor and linear actuator driven in such a manner as to raise or lower the basket height of any bank from 8 feet to 10 feet. Screw drive shall be 600#-24" linear actuator fixedly mounted on one end and universal joint mount on the other end. Electric operation shall be activated by a keys. Slide/bearing surface shall run on a double Teflon impregnated aluminum gib insuring vibration free play for the entire range (8'-10') of operation as well as smooth effortless operation. Main body of height adjuster shall not exceed 10" in width. Height adjuster shall not exceed 90 pounds in weight.
- B. Height adjuster unit shall included direct goal attachment to eliminate stress on the backboard. All backboards mounted on this height adjustment unit shall carry a limited lifetime warranty against breakage. Height adjusters not utilizing a direct goal mount feature will not be approved.

## 21. FOLD UP GYMNASIUM DIVIDER CURTAIN

### Model No. FC-680 fold-up

by Jaypro Sports, LLC, Waterford, CT

- A. Lower 8' vinyl section of curtain shall be solid vinyl coated polyester (avg. 19 or 22 oz. per square yard as required). Flammability rated as self-extinguishing by the California State Fire Code. All seams to be welded with a full 1" contact weld. A pocket shall be formed along the bottom edge if the curtain to accommodate a 1-5/8" diameter round batten pipe for curtain support. Color to be determined by architect chosen from eleven standard colors. Color samples provided upon request.
- B. Upper section of curtain shall be avg. 9 oz. per square yard vinyl coated polyester mesh. Flammability rated as self-extinguishing by the California State Fire Code. Color options include white, red, yellow and blue as specified by the architect. Will use vinyl fabric, in triple thickness and double welded to the top edge of the mesh to form a 6" wide pocket to accommodate a 1-5/8" diameter round batten pipe for curtain support. Suspension from roof support member must be accomplished with clamp type malleable fitting furnished by the manufacturer. Hoist lines shall be 1/8" diameter steel aircraft cable (1800 # break

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strength), spaced approximately 10' on center. Each line shall be attached to the bottom pipe batten and run through grommets located approximately 18" on center. Each hoisting line shall end at the top of the curtain and attach to a drive pipe. The drive pipe shall rotate in drive pipe support assembly located approximately 10' on center. Hoisting shall not rely on single cable support of the divider when in stored position.

- C. Drive shaft power mechanism (winch) is a definite purpose electric drive unit designed specifically for raising and lowering gymnasium divider curtains. Winch shall consist of a hollow output drum constructed of hard anodized aluminum alloy and is directly supported at the pipe outside diameter for maximum strength and rigidity. Winch is driven by a 1 (one) HP torque motor providing instant reverse capability, and should have a break system independent of the double reduction gear drive for additional safety.
- D. The winch employs a double worm reduction, direct drive system. Composite materials provide superior strength and maintenance free operation. The drum is supported in composite ball bearings to provide long life, smooth operation and eliminates the need for oil.
- E. The winch shall utilize a flush mounted, single key or MEC Pad to both raise and lower the divider curtain eliminating the need for two keys. Key switch or MEC Pad shall be located so that the curtain is in full view of the operator.
- F. Winch shall have a one-year replacement warranty for all product defects. Any winch without this warranty does not meet these specifications and should not be considered. Winches using V-belts, chains, multiple key switches and that require additional lubrication and maintenance will not be accepted. The entire winch assembly must be UL listed. Winches not UL listed will not be approved.

## 22. TOP ROLL GYMNASIUM DIVIDER CURTAIN

### Model No. TC-700 Top Roll

by Jaypro Sports, LLC, Waterford, CT .

- A. Lower section of the divider curtain (height to be determined by owner) shall be solid vinyl coated polyester 19 oz. Polyester reinforced vinyl in accordance with military specifications MIL-C- 43006B, Type one (1), Class one (1). Any curtain which limits the height of the vinyl section shall not be approved as equal. All seams to be electronically welded with a 1 9/16" full contact weld. A pocket shall be formed along the bottom edge of the curtain to accommodate a 1-3/4" diameter padded bottom batten. Color to be determined by architect chosen from eleven standard colors. Color samples provided upon request.
- B. Upper section of curtain shall be VCP 8 x 12 mesh woven from pigmented vinyl and 840 denier polyester. VCP mesh shall be self-extinguishing. Owner can select one of the following colors: red, white, blue or yellow.
- C. The divider curtain shall be raised and lowered by means of an internal tubular motor. The use of belts, counter balance straps, wall guides or cables shall not be acceptable and will not be approved as equal. The top of the curtain shall be attached to a top roller tube. Somfy Tube motor(s) sized for the installation shall drive the roller pipe. The motor(s) shall be 120V, single phase and equipped with an integral limit switch, reversing circuits and overload protection. When required by the installation dual motors shall be used. Dual motors shall be controlled by a synchronized control designed to operate the two motors simultaneously. The synchronized control will actuate and stop the two motors at the same time. A three position spring loaded key switch shall be provided to be installed by the electrical contractor. Motor shall be operated by key switch. The entire motor assembly must be UL listed. Motors not UL listed will

not be approved.

#### SPECIFICATIONS

- D. The roll tube shall be supported approximately every 15'-0" O. C. by means of a specially designed cast iron support bracket with maple roller tube casters. A top caster shall insure that the roller tube is secure in the support bracket operation.
- E. The total curtain system shall be guaranteed against defects in material and workmanship for a period of five (1) years. Curtain systems without said warranty will not be approved as equal.

### 23. ROLL UP GYMNASIUM DIVIDER CURTAIN

#### **Model No. RC-690 Roll Up**

by Jaypro Sports, LLC, Waterford, CT.

- A. Lower 8' vinyl section of curtain shall be solid vinyl coated polyester (avg. 18 or 22 oz. per square yard as required). Flammability rated as self-extinguishing by the California State Fire Code. All seams to be welded with a full 1" contact weld. A pocket shall be formed along the bottom edge if the curtain to accommodate a 1-5/8" diameter round batten pipe for curtain support. Color to be determined by architect chosen from eleven standard colors. Color samples provided upon request.
- B. Upper section of curtain shall be avg. 9 oz. per square yard vinyl coated polyester mesh. Flammability rated as self-extinguishing by the California State Fire Code. Color options specified by the architect. Will use vinyl fabric, in triple thickness and double welded to the top edge of the mesh to form a 6" wide pocket to accommodate a 1-5/8" diameter round batten pipe for curtain support which shall telescope on the ends to take up the difference in length between the lowered and the raised position.
- C. Electrically operated, roll-up gymnasium divider including motor, belts, controls, clamps for attachment to building structure, threaded rod supports, and other components required for complete functional installation; Roll-Up Gym Divider as manufactured by Draper, Inc.
- D. Operation: Curtain rolled up and down by belts wound onto overhead rotating drive pipe operated by electrical motor.
- E. Configuration: Rectangular shape with straight bottom and extending across room as indicated on Drawings.
- F. Maximum dimension of stored divider: [2 feet] from bottom of structural support to bottom of rolled curtain.
- G. Minimum required clearance between vertical curtain edges and adjacent fixed objects: [6 inches]
- H. Provide [36 inches] space between curtain ends and walls or fixed objects to allow passage space around divider.
- I. Operating mechanism: Drive pipe winch powered with 3/4 HP, 110VAC, 60-cycle, single-phase, reversible capacitor, C-Face motor with thermal overload protection. Entire winch assembly to be UL listed and shall carry a five-year warranty. Provide with load holding worm gear reduction and integral limit switches to control curtain travel. Drive pipe shall rotate in pipe support assemblies spaced at approximately [9 feet] [2.7 m].
- J. Attachment: Attach to structural support with beam clamps, hanger brackets, and [1/2 inch] diameter threaded rods. Attachment clamps designed to be capable of supporting a minimum of 5,000 lbs each and

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provided in sufficient number to provide a combined minimum 45:1 attachment point safety factor.

- K. Hoist belts: [5 inches] wide white polyester webbing attached to drive pipe, passing under bottom batten, and terminating at top batten. Space belts at approximately [15 feet]
- L. Bottom roller: [3-1/2 inches] diameter steel pipe with aluminum strip for attachment of curtain. Drive pipe power mechanism shall consist of a compensating type winch and a minimum ¾ HP, 115 volt AC, 60 Hz, single phase, reversible, capacitor-start motor with a built-in thermal overload protection. Speed reduction in the winch by load holding worm gears. Remote control operation to include integral limit switch to control the upper and lower limit of curtain travel. Key lock, three position, momentary contact wall switch included. Switch unit shall include a polished wall plate.
- M. The winch shall utilize a flush mounted, single key or MEC Pad to both raise and lower the divider curtain eliminating the need for two keys. Key switch or MEC Pad shall be located so that the curtain is in full view of the operator.
- N. Winch shall have a one-year replacement warranty for all product defects. Any winch without this warranty does not meet these specifications and should not be considered. Winches using V-belts, chains, multiple key switches and that require additional lubrication and maintenance will not be accepted.

#### **24. MH-S-A – Wrestling Mat storage system**

- A. Eliminate the risk of injury of students, athletes, and coaches from manually lifting and transporting heavy, awkward mats, gain valuable storage space, and extend the life of your wrestling mats. Simply roll the mat(s) onto the sling, attach the sling to the load bar, turn the key to raise the unit, and store at ceiling height.
  - a. MH-S-A Single Mat Securelift ceiling suspended
  - b. MHWM-S-A Single Mat Securelift suspended from wall mount brackets
  - c. MH-D-A Double Mat Securelift suspended from wall mount brackets
  - d. MH-M-A Mini Securelift ceiling suspended
- B. Stationary Securelift features:
  - a. Two-heavy-duty 1 ½" horsepower direct drive winches
  - b. Audible motion alarm included will alert athletes when unit is in motion
  - c. Two electric brakes and two mechanical brakes
  - d. Programmable Logic (PLC) Controller to provide self-leaving and system monitoring
  - e. Watchdog timer
  - f. Main disconnect switch on control panel
  - g. Redundant stops, for added safety
  - h. Sling is available in several different color choices
  - i. MH-M-A is a space saving design with individual mats being stacked.

#### **25. ML-2000 Matlok Wrestling Mat Storage System Safety Strap**

- A. Pioneer the first ever sage strap for Mat Storage systems! Fully patented, tested and validated by an international testing laboratory and have an unmatched 10 year warranty.
- B. Features;
  - a. Automatic reset
  - b. Fail-safe
  - c. Self-checking
  - d. Faster acting
  - e. Maximum travel indicated
  - f. Visual safety indicator

- g. Heavy duty strap
  - h. Installation hardware
  - i. Stronger clamping system
  - j. Versatile mounting
  - k. Positive recoil
  - l. Full supported
  - m. Robust steel frame
- SPECIFICATIONS

## 26. EXECUTION

### PREPARATION

- A. Make such arrangements as are necessary to provide scaffolding to perform Work under this Section. Damage to floors, walls, equipment, and the like shall be corrected at the expense of the Contractor under this Section.

### INSTALLATION

- A. Install equipment in accordance with the manufacturer's printed instructions, drawings, and specifications, and approved shop drawings.
- B. Loose equipment shall be removed from packaging or crating, cleaned, and tested for proper operation before turning over to Owner. Removable items shall be set in the various required positions to be checked for proper fit for floor inserts.

### DEMONSTRATION

- A. Work under this Section shall include demonstrating the proper use and operation of equipment to the Owner as may be required.

## SPECIFICATIONS

### Outdoor Volleyball

PVBN-6 Flex Net Heavy Duty Woven Nylon Top and Bottom Bands. The headband attaches directly to the winch leader strap for tension For Uprights Set Between 35'-37'. Net Size 39"x32'L

PVBN-1 High School Competition Net with Twin Quick-lock Side Tension Straps 36"Wx32'L

PVBN-32 Nylon Net with Rope Cable 36"Wx32'L

OCC-500 4" Square Extruded Heavy Wall Aluminum Uprights. 2 Adjustable winches and ground sleeves.

OCV-900 3 1/2" OD powder coated steel uprights with fixed net heights. 36" aluminum ground sleeves with covers.

OS350 2 3/8" OD Galvanized Steel Uprights with rust resistant ratchet and PVC ground sleeves with caps.

### SOCCER

SGP-600PKGBLK Official Size 8'H x 24'W x 4' B x 10' D. Powder coated goal is 4" OD Extruded Aluminum with 2"x4" base frame and 1.7" OD Aluminum. Features exclusive flush mount Easy Track net attachment system. Meets NFHS, NCAA and FIFA specifications.

SGP-600AX Official Size 8'H x 24'W x 4' B x 10' D. Powder coated goal is 4" OD Extruded Aluminum with 2"x4" base frame and 1.7" OD Aluminum. Features exclusive flush mount Easy Track net attachment system and infinitely adjustable rear crossbar. Meets NFHS, NCAA and FIFA specifications.

FNSB-65 FieldPro Soccer Ball Stop System 20'x65' Designed to fit behind soccer goals. Includes (4) 4" OD Heavy Wall Aluminum Uprights with Black Powder Coated Finish, ground sleeves corrosion resistant hardware and 3 1/2" Square Mesh #36 Knotless Nylon Black Net with 1/4" Rope Border.

SGP-400PKG Official Size 8'H x 24'W x 4'B x 10' D. Powder coated goal is 4" OD extruded aluminum with 1.9" OD Galvanized Steel Backstays and Rear Crossbar. Features exclusive flush mount Easy Track net attachment system and infinitely adjustable rear crossbar. Meets NFHS, NCAA and FIFA specifications.

SGP-400PKG Official Size 8'H x 24'W x 4'B x 10' D. Powder coated goal is 4" Square extruded aluminum with 1.9" OD Galvanized Steel Backstays and Rear Crossbar. Features exclusive flush mount Easy Track net attachment system and infinitely adjustable rear crossbar. Meets NFHS, NCAA and FIFA specifications.



## SPECIFICATIONS

### FOOTBALL

FBGP Max-1 All Aluminum Football Goal Posts. All Aluminum Construction, 6 5/8" Crossbar and Gooseneck available with 6' or 8' offset. 4" top uprights available in 20' or 30' heights. Permanent or adjustable leveling plate and expandable crossbar options for High School or Collegiate use also available.

FNFB-30 FieldPro Football Ball Stop System 40'W Designed to fit behind goal posts. Includes (6) 6 5/8" OD Aluminum Poles, ground sleeves corrosion resistant hardware and 3 1/2" Square Mesh #36 Knotless Nylon Black Net with 1/4" Rope Border.

FBHG-1 Football Hinge Kit for Max-1 goal

FBGPAF-1 Access Frame and Covers Aluminum Box 18 1/4"Lx 18 1/4"W x 8"High with Pressure Treated Plywood and Artificial Turf Cover

FBSLV8 – Ground Sleeves 6 5/8" OD

FBGPGS-8 – Ground Sleeves 6 5/8" OD with Height Adjuster.

PPP-800 Professional Style Pads for 6 5/8" OD Posts. 6'H made from 6" thick foam covered by 14 oz. Vinyl. Hook and loop attachment.

### LACROSSE

LG-50 This ultimate Lacrosse goal has mitered and welded corners for exceptional performance. Full size 6'H x 6'W x 7'D. Meets all NCAA and NFHS requirements for men's lacrosse. 1/4" steel construction for full NCAA compliance. Powder coated orange over rust-proof zinc coated steel pipe.

LGN-50 Competition Lacrosse Net 5mm knotless netting 1 1/2" squares. Official size 6'x6'x7'. Meets all NCAA and NFHS requirements for men's lacrosse. Weatherproof white polyester with natural UV stabilizer. Triple stitched webbing binder. Includes lacing cord.

### FIELD HOCKEY GOALS

OFHG7124 Official Field Hockey Goals with Bottom Boards. Meets official specification. Steel construction, 7'H x 12'W x 4'D. Heavy Duty 2"x2" Square Steel Goal Face. Rear Frame of 1 5/16" OD Galvanized Steel Powder Coated White. All welded side frames and top rear cross bar for maximum stability. Black Bottom Boards of 1/2" Thick High Density Polyethylene. Optional 10" no-flat wheel kit available.

FHND-8 Official Field Hockey Net. 7'H x 12'W x 4'D. Weatherproof with 1 3/4" Sq. Mesh, 2.5mm polyethylene material.

### BASEBALL

## SPECIFICATIONS

BBCFP Collegiate 20' Foul Pole Heavy Duty 3 1/2" OD Steel Upright with 18" W x 12'H wing panel. Bolt-on wing panel is all steel expanded metal. Tough powder coated finish over zinc undercoating. Optional 30' Pole, 12' Pole and Ground Sleeves Available.

BBFP Professional Foul Poles 20' One Piece Welded Steel Construction. Main Upright is 3 1/2" OD SS40 Zinc Coated Steel Tubing. 18"Wx12'H Fully Welded Wing Panel Includes Heavy Duty 1 1/2" x 13 Gauge Expanded Metal Mesh. Optional 30' Pole and Ground Sleeves Available.

Foul Pole Ground Sleeves for 12', 20' or 30' Lengths, Accommodates 3 1/2" OD Foul Poles.

BB-500 Pro Style "Hollywood" Bases 15"x15"x3". Includes (3) Bases, (3) anchors and (3) 1 1/2" solid rubber plugs.

PR-624 Professional Pitching Rubber. Major League Size: 6"x24". High-Durability Molded Rubber Exterior. Interior PVC tube.

PR-524 Step Down Pitching Rubber. Official Size 24" Long. Heavy-Duty All Rubber Construction or Wood Filled.

HP-150 Bury-All Home Plate High Durability Woodfilled Construction. Non-Skid Rubber Surface. Waterproof.

BS-25 Traditional Baseball Backstop – Schedule 40 Galvanized Steel Pipe.

Height	20'
Width Opening	58'-3"
Depth	14'-2"
Vertical Posts	4-1/2"OD
Horizontal Rails	1-5/8"OD
Wing Length	20'
Rear Panel Width	30'
Fabric Panels/Wings	2"- 9 GA

BS-35 Traditional Baseball Backstop – Schedule 40 Galvanized Steel Pipe.

Height	30'
Width Opening	68'-3"
Depth	14'-2"
Vertical Posts	5-9/16"OD
Horizontal Rails	1-5/8"OD
Wing Length	20'
Rear Panel Width	40'
Fabric Panels/Wings	2"- 9 GA

SPECIFICATIONS

BS-45 Traditional Baseball Backstop – Schedule 40 Galvanized Steel Pipe.

Height	30'
Width Opening	96'-7"
Depth	28'-3"
Vertical Posts	5-9/16"OD
Horizontal Rails	1-5/8"OD
Wing Length	40'
Rear Panel Width	40'
Fabric Panels/Wings	2" - 9 GA

AB Arch Backstops feature 9 guage and 11 guage hot dipped galvanized knuckle-knuckle metal, galvanized pipes, fittings and hardware. Schedule 40 galvanized pipe. Arch 2 7/8" OD, Vertical Ribs 2 3/8" OD and Horizontal Rails 1 1/6" OD. Available in Perpendicular, Perpendicular with Extension and Layback Styles in 62', 50', 40' and 30' widths.

FullSize Permanent Backstops - These baseball field packages consist of a full size permanent baseball backstop with rear planking (3 boards high), two 12' fiberglass baseball dugout benches and two baseball protection fences

<b>Model Number</b>	1035T-2FB	1235T-2FB
Height Opening	17'-6"	19'-6"
Width Opening	34'	34'
Depth	7'-6"	7'-6"
Vertical End Posts	2-7/8"	2-7/8"
Vertical Posts	2-7/8"	2-7/8"
Horizontal Rails	1-5/8"	1-5/8"
Rear Panel Width	20'	20'
<b>Panel Height</b>	<b>10'</b>	<b>12'</b>
Wing Length	10'	10'
Hood Supports	2-3/8"	2-3/8"
Fabric Panel Gage	2" -9 GA	2" -9 GA
Fabric Hood Gage	2" -11 GA	2" -11 GA
Wt. of Complete Package	2160 lbs.	2448 lbs.
Benches- 2 each	LBF-12C	LBF-12C
Protection Fencing	620-KD	620KD

SPECIFICATIONS

35T Series Full Size Permanent Baseball Backstops

<b>Model</b>	<b>1035T</b>	<b>1235T</b>	<b>1435T</b>	<b>1635T</b>
Height Opening	17'6"	19'6"	21'6"	23'6"
Width Opening	34'	34'	34'	34'
Depth	7'6"	7'6"	7'6"	7'6"
Vertical End Posts	2-7/8"	2-7/8"	3-1/2"	4-1/2"
Vertical Posts	2-7/8"	2-7/8"	3-1/2"	4-1/2"
Horizontal Rails	1-5/8"	1-5/8"	1-5/8"	1-5/8"
Rear Panel Width	20'	20'	20'	20'
Panel Height	10'	12'	14'	16'
Wing Length	10'	10'	10'	10'
Hood Supports	2-3/8"	2-3/8"	2-3/8"	2-3/8"
Fabric Panel Gage	2"-9 GA	2"-9 GA	2"-9 GA	2"-9 GA
Fabric Hood Gage	2"-11 GA	2"-11 GA	2"-11 GA	2"-11 GA

44T Series Full Size Permanent Baseball Backstops

<b>Model</b>	<b>1044T</b>	<b>1244T</b>	<b>1444T</b>	<b>1644T</b>
Height Opening	17'6"	19'6"	21'6"	23'6"
Width Opening	44'	44'	44'	44'
Depth	7'6"	7'6"	7'6"	7'6"
Vertical End Posts	2-7/8"	2-7/8"	3-1/2"	4-1/2"
Vertical Posts	2-7/8"	2-7/8"	3-1/2"	4-1/2"
Horizontal Rails	1-5/8"	1-5/8"	1-5/8"	1-5/8"
Rear Panel Width	30'	30'	30'	30'
Panel Height	10'	12'	14'	16'
Wing Length	10'	10'	10'	10'
Hood Supports	2-3/8"	2-3/8"	2-3/8"	2-3/8"
Fabric Panel Gage	2"-9 GA	2"-9 GA	2"-9 GA	2"-9 GA
Fabric Hood Gage	2"-11 GA	2"-11 GA	2"-11 GA	2"-11 GA

54T Series Full Size Permanent Baseball Backstops

<b>Model</b>	<b>1054T</b>	<b>1254T</b>	<b>1454T</b>	<b>1654T</b>
Height Opening	17'6"	19'6"	21'6"	23'6"
Width Opening	54'	54'	54'	54'
Depth	7'6"	7'6"	7'6"	7'6"
Vertical End Posts	2-7/8"	2-7/8"	3-1/2"	4-1/2"
Vertical Posts	2-7/8"	2-7/8"	3-1/2"	4-1/2"
Horizontal Rails	1-5/8"	1-5/8"	1-5/8"	1-5/8"
Rear Panel Width	40'	40'	40'	40'
Panel Height	10'	12'	14'	16'
Wing Length	10'	10'	10'	10'
Hood Supports	2-3/8"	2-3/8"	2-3/8"	2-3/8"
Fabric Panel Gage	2"-9 GA	2"-9 GA	2"-9 GA	2"-9 GA
Fabric Hood Gage	2"-11 GA	2"-11 GA	2"-11 GA	2"-11 GA

SPECIFICATIONS

REAR & WING PLANKING – Optional for all Full Sized and Junior Backstops.  
Hardware and attachment brackets are corrosion resistant. Planks are 2"x12"  
Douglas Fir Wood.

Junior Baseball Backstops - These heavy duty baseball backstops are available with or without hoods, in portable or direct bury models.

	Portable	Portable	Direct Bury	Direct Bury	Direct Bury	Direct Bury
Model	810J3S	810JH4S	810KD	810JH4C	1024KD	1024-4C
Height Opening	10'	13'	10'	13'	17'6"	17'6"
Width Opening	20'6"	20'6"	20'6"	20'6"	24'	24'
Depth	6'	6'	6'	6'	7'4"	7'4"
Vertical Posts	2-3/8"	2-3/8"	2-3/8"	2-3/8"	2-3/8"	2-3/8"
Horizontal Rails	1-5/8"	1-5/8"	1-5/8"	1-5/8"	1-5/8"	1-5/8"
Wing Length	8'6"	8'6"	8'6"	8'6"	10'	10'
Wing Height	10'	10'	10'	10'	10'	10'
Rear Panel Height	10'	10'	10'	10'	10'	10'
Rear Panel Width	8'6"	8'6"	8'6"	8'6"	10'	10'
Top Horizontal Rails	1-7/8"	1-7/8"	1-7/8"	1-7/8"	1-7/8"	1-7/8"
Hood Support	No Hood	1-7/8"	No Hood	1-7/8"	No Hood	2-3/8"
Fabric Panels/Wings	2"-9 GA.	2"-9 GA.	2"-9 GA.	2"-9 GA.	2"-9 GA.	2"-9 GA.
Fabric Hood	No Hood	2"-11 GA.	No Hood	2"-11 GA.	No Hood	2"-11 GA.

**Wheel Assemblies** For Junior Baseball Backstops - The wheel assembly slips easily onto the front uprights and the 16" pneumatic tires roll across grass with minimum impact. The backstop's bottom frame is extended to provide a place for a hand transporter or manual move.

**BASKETBALL**

996 Basketball Post 4 ½" Dia. with 4' Offset

656 Basketball Post 5 9/16" Dia. with 6' Offset

SPA4 – Straight Post 4 ½" OD with 1.90" OD Support Struts, 3 ½" OD x .165"W Extension Arm at 48" Extension, Direct Goal Mounting. Available for Double Backboards.

SPA6 – Straight Post 5 9/16" OD with 1.90" OD Support Struts, 3 ½" OD x .165"W Extension Arm at 72" Extension, Direct Goal Mounting. Available for Double Backboards.

SR-PERF Rectangular Perforated Steel Backboard, 42"x72" 11 Gauge Steel Face with ¼" Diameter Perforations. White Powder Coated Finish with Silk Screened Orange Target and Border. 5"x5" Goal Mounting Pattern.

## SPECIFICATIONS

850RB-BB Rectangular Steel Backboard 42"x72" 12 Gauge Steel. Rear Welded 20"x35" Mounting Pattern. White Powder Coated Finish. 5"x5" Goal Mounting Pattern.

AL-PERF Rectangular Perforated Aluminum Backboard, 42"x72" with ¼" Diameter Perforations. White Powder Coated Finish with Silk Screened Orange Target and Border. 5"x5" Goal Mounting Pattern.

ALB-24BT Fan Aluminum Backboard with Border and Target, 36"x54" Cast Aluminum with 1 ½" Flange. Painted White with Orange Target and Border Markings. 5"x5" Goal Mounting Pattern. Lifetime Guarantee.

GB-55 Single Rim Goal. Official Size 18" Ring of 5/8" Steel ; 7/16" Round Steel Brace. Powder coated orange. Includes nylon net and zinc plated mounting hardware.

GBSG-50 Super Goal. Official Size 5/8" high-tensile alloy rim. 5/8" support arms. Powder coated orange. Includes nylon net and zinc plated mounting hardware.

GDR-54 Double Rim Goal. Official Size 18", Ring of 5/8" Steel Weleded to Ring of ½" Steel. Powder coated orange. Includes nylon net and zinc plated mounting hardware.

UBG-500 Ultimate Playground Goal. Official Size 18", Ring of 5/8" Steel Weleded to Ring of ½" Steel with Heavy Steel Rim Support. Powder coated orange. Includes nylon net and zinc plated mounting hardware.

UBG-500F Ultimate Playground Breakaway Goal. Official Size 18", Ring of 5/8" Steel Weleded to Ring of ½" Steel with Breakaway Rim Support. Powder coated orange. Includes nylon net and zinc plated mounting hardware.

JNY-4HP Nylon Net – 12 Loop Design, 680/32 Braided White

J3 Heavy Duty "S" Hooks, Standard Chain Net

## TENNIS

RTP Deluxe Tennis Posts. 11 gauge steel post, 3" OD with solid stainless steel internal worm gear that has self locking mechanism to prevent recoiling during winding. Removable handle. Available in Green or Black, with or without ground sleeve.

RTP Deluxe Tennis Posts. 11 gauge steel post, 3" Square with solid stainless steel internal worm gear that has self locking mechanism to prevent recoiling during winding. Removable handle. Available in Green or Black, with or without ground sleeve.

TP-125 Heavy Duty Permanent/Semi Permanent Tennis Posts. 3 ½" OD powder coated steel posts include steel top pulley caps with 1 ¾" diameter aluminum pulley. Tensioning ratchet has spring-loaded safety latch and removable handle. (Nets/Sleeves available separately)

TP150G 36" aluminum ground sleeves with covers for 3 ½" Tennis Posts

## SPECIFICATIONS

TTN-3 Tournament Deluxe Tennis Net. Constructed of durable 3.5mm braided black polyethylene netting. Quadruple stitched heavy-duty polyester web headband with a 3/16" dia. Vinyl-coated steel cable. Top five rows are double mesh. Includes synthetic taped bottom edges and grommeted side pockets with dowels. 42'Lx42"H

TPL-5 Collegiate Model Tennis Net. Constructed of 2.5mm twisted black polyethylene netting. Quadruple stitched heavy-duty double thickness headband with a 1/8" dia Vinyl-coated steel cable. Top five rows are double mesh. Black synthetic-taped side and bottom edges.

CS-1 Center Strap. 2" Wide Adjustable Nylon webbing with double snap hook.

A-2 Center Strap Anchor. All-aluminum construction with stainless steel drive pin for easy snap assembly.

PB40PC 4' Court Side Tennis Bench. Constructed with 10" Wide Non-Skid Aluminum benches and 2"x2" heavy duty galvanized steel legs. Powder Coated Green.

### **BLEACHER**

BLCH-AL All aluminum seat planks and understructure. Seat planks are 10" wide non-skid aluminum. Standard Single Foot Planks. Available in 3 Row or 4 Row in Lengths of 15', 21' and 27'. (4 Row does not exceed 30" in height.) Optional Powdercoating available.

BLDP-AL All aluminum seat planks and understructure. Seat planks are 10" wide non-skid aluminum. Double Foot Planks. Available in 3 Row or 4 Row in Lengths of 15', 21' and 27'. (4 Row does not exceed 30" in height.) Optional Powdercoating available.

BLCH- All aluminum seat planks and galvanized steel understructure. Seat planks are 10" wide non-skid aluminum. Standard Single Foot Planks. Steel understructure made of 3/16" x 1 1/2" steel angle. Available in 3 Row or 4 Row in Lengths of 15', 21' and 27'. (4 Row does not exceed 30" in height.) Optional Powdercoating available.

### **BENCH**

PB Players Benches. Seat planks are 10" wide non-skid aluminum. Steel frame 2"x2" heavy duty galvanized steel. Available with or without seat back in 7 1/2', 15', 21' or 27' lengths, with or without powder coat finish, in portable, permanent or surface mount framing.

PBS Players Bench with Shelf. Seat planks are 10" wide non-skid aluminum. Shelf is 20" wide non-skid aluminum. Steel frame 2"x2" heavy duty galvanized steel, in portable style. Available in 7 1/2', 15', 21' or 27' lengths, with or without powder coat finish.

## SPECIFICATIONS

### **TETHERBALL**

TBP200 Semi-Permanent Outdoor Tetherball Pole. Upright is 2" OD galvanized steel and includes an 18" long aluminum ground sleeve with cast aluminum top cap. Installed pole is 8 1/2'H. (Ball purchased separately)

TBP250 Semi-Permanent Outdoor Tetherball Pole. Upright is 2 3/8" OD galvanized steel with cap and leader chain. Installed pole is 8 1/2'H. (Ball purchased separately)

TBP-Ball Ultra-cushioned, sponge rubber ball with recessed rope holder and nylon rope. Color yellow.

### **WALL PADDING**

BSP Backstop Pads. 2' Folding Sections with Brass Grommets 12" Apart on All 4 Sides. 100% Polyester Form, 100% Toxin Free, 100% Recyclable, Latex Free and Hypoallergenic. Meets CA 117 TB fire retardant, phthalate-free PVC coated vinyl covering. Available in 4'x6', 4'x8', 4'x10' or 4'x12' size pads.

FWP Field Wall Pads. 4' Wide Sections with 3/4" Exterior Grade Plywood Backing, 1" Nail Margin for attachment and bottom breather strips for drainage. 100% Polyester Form, 100% Toxin Free, 100% Recyclable, Latex Free and Hypoallergenic. Meets CA 117 TB fire retardant, phthalate-free PVC coated vinyl covering. Available in 4'x6', 4'x8', 4'x10' or 4'x12' size pads.



**1. PVB-7000 Powerlite Volleyball System / PVB-5000 Featherlite**

- A. Shall consist of one standard with power winch and one standard with adjustable cable anchor collar. Post shall be telescoping type to meet all FIVB, USVBA, NCAA and NFSHSA requirements for competition. Post shall adjust from 6'1" (1.854 m) to 8'4" (2.540 m) in 1" (2.540 cm) increments to meet all age group height settings from elementary school use to international competition for both men and women. The 6' (1.890 cm) bottom upright shall be 3½" OD (8.890 cm) schedule 80 aluminum tube, with a wall thickness of .300" (.7620 cm). The bottom upright is provided with a special rubber foot to protect finished floors and to provide precise net height adjustment.
- B. The upper telescoping adjustable tube shall be 2-7/8" OD (7.303 cm) schedule 80 aluminum tube, with a wall thickness of .276" (.7010 cm) with a 4" (10.16 cm) diameter pulley and oilite bushing. Adjustable by infinite height and / or pin stop height.
- C. The tensioning winch shall incorporate a heavy-duty, self-locking worm gear mechanism. Winch shall be furnished with a heavy 2" (5 cm) wide high tensile nylon strap with heavy-duty snap hook to eliminate the possibility of hook breaking and guarantee safe connection to net top cable. The power winch is furnished complete with a folding handle for player safety.

**1.1. PVB-1350 Multi Purpose Aluminum Net System**

- A. Easily converts from a competition volleyball net system to badminton or tennis net system by adjusting the sliding collars.
- B. 3 ½" O.D. anodized aluminum uprights. High school, Intramural and recreational competition. Infinite setting sliding collar height adjustment. Uprights are designed to fit 3 ½" diameter sleeves.

**1.2. PVB 75S Locking Brass Floor sleeves with cover / PVB 75S-CP Locking Chrome**

- A. Floor plate shall be cast brass or chrome with permanently attached hinged cover. Hinge and mounting holes in outer ring shall be completely concealed under the cover when in the closed position, allowing for a completely flat surface with no floor obstructions. Floor plate shall be 67/16" outside diameter by 9/16" thick. The diameter of opening shall be 5-1/8". Floor plate shall be supplied with six #10 x 1½" brass flat head wood screws for mounting plate to wood floor, and one Cover Plate Key (one per pair) for easy opening of cover and access to floor sleeve. Cover to attach to aluminum sleeve.

**1.3. PVB 60P Volleyball post pad 6' High**

- A. 6' high post pad constructed of 2" thick polyurethane foam wrapped in 14oz. vinyl in your choice of color. Attaches with hook and loop closure flaps

**1.4. VRS 8000 Mega Ref flooding referee stand**

- A. Constructed of 1-5/8" O.D. heavy wall steel with a durable powder coated finish. Includes a welded frame platform support, four legs with protective rubber tips and four 4" non-marring wheels in the front for easy transport. Folds to 84" H X 30"W x 10" D for compact storage

**1.5. VRS 6000 Flooding referee stand**

- A. Free standing referee stand can be used with any net system. Sturdy 1 5/16" diameter powder coated steel frame has 4 legs with protective rubber tips and 4" non-marring wheels in the front for easy transport. Folds to 84"H x 30"W x 10"D for compact storage Vinyl coated, padded platform in 48" above the floor

## SPECIFICATIONS

**1 .6. VRS 3000 Adjustable Referee stand**

- A. Clamps onto any telescoping pole net system. Sturdy 1 5/16" diameter poer coated steel frame with 2 leg design. Telescoping feet allow height adjustment. Includes wheels for easy platform.

**1 .7. VRS-60P / VRS 30P Referee stand pad for mega Ref for folding referee stand**

- A. 1" thick polyurethane foam wrapped in 14oz. vinyl in your choice of color meets specifications for competitive play

**1 .8. EC 1000 Deluxe equipment carrier**

- A. Heavy duty welded steel frame transports and stores volleyball uprights, nets pads and other equipment. Comes with a tough, blue powder coated finish.

**1 .9. PVBN 6 Flex Net**

- A. Designed for international, collegiate and high school competition. The headband attaches directly to the winch leader strap to provide net tension. For uprights sets between 35'-37'; net size 39'W x 32'L.

**1 .10. VBA 80 Volleyball Antennae (pair)**

- A. Antennae quickly clamp directly to the top and bottom of the net. Attachment adjustments are made easily from the floor. Fits both 36" and 39" nets. 72" long, red and white

**1 .11. BSO 2U Badminton System**

- A. 2 3/8" O.D. steel upright. High school, Intramural and recreational competition fixed net height.

**1 .12. BND 1 Badminton Net size 21'L x 30'W**

- A. Net shall be 21'L x 30'W with top cable of 1/8" nylon cord. A white binding shall surround the entire perimeter of the net body.

**1 .13. BSO 2G Brass floor sleeve / BSO 2G-CP Chrome cover for Badminton**

- B. 2 3/8" I.D. X 10" DEEP Floor plate shall be cast brass or chrome with permanently attached hinged cover. Hinge and mounting holes in outer ring shall be completely concealed under the cover when in the closed position, allowing for a completely flat surface with no floor obstructions. Floor plate shall be 67/16" outside diameter by 9/16" thick. The diameter of opening shall be 5-1/8". Floor plate shall be supplied with six #10 x 1 1/2" brass flat head wood screws for mounting plate to wood floor, and one Cover Plate Key (one per pair) for easy opening of cover and access to floor sleeve. Cover to attach to aluminum sleeve.

## SPECIFICATIONS

### **WALL PADDING**

#### A. Standard Pads

Wall padding shall be Model JWC-J006(Z) GYM WALL PADS, by Jaypro Sports

Wall pads to be standard sized 2' x 6' and custom sizes as indicated on project plans. Bidder is responsible for verification of job conditions and dimensions.

Wall pads shall be constructed using (2"/1½") thick polyurethane foam bonded to a 7/16" thick wafer board backer and covered with a 14 oz. vinyl covering. Vinyl cover shall be coated polyester fabric with leather grain embossed pattern. Vinyl to have average weight of 14 oz. per square yard, breaking strength of 350 PSI, tear resistance of 65 pounds and be rated as self extinguishing in accordance with California State Fire Code F-230 and Class A Rated in accordance with requirements of NFPA-101. Vinyl to be resistant to rot, mildew and ultraviolet light and is available in Red, Dark Blue, Marine Blue, Beige, Grey, Black, Forest Green, Kelly Green, Brown, Maroon, Orange, Yellow, White, Navy Blue and Purple. Panel front and edges shall be vinyl wrapped and securely stapled to the wood backer so that the backer is not exposed on front or four sides. Pads shall be supplied with 1" fabric wrapped mounting flanges at panel top and bottom.

#### B. Class A Pads

Wall padding shall be Model JWCA-J006(Z) FIRE RATED WALL PADS, by Jaypro Sports

Wall pads to be standard sized 2' x 6' and custom sizes as indicated on project plans. Bidder is responsible for verification of job conditions and dimensions.

Entire pad assembly has been tested and meets the requirements of NFPA-101 Life Safety Code for Class A rating (flame spread 0-25 and smoke development 0-450) when tested in accordance with ASTM E-84 (Also published as NFPA-255, ANSI 2.5, UBC 8-1 (42-1) and UL 723). Entire pad assembly has also been tested in accordance with NFPA-286 (Standard method of fire tests for evaluating contribution of wall and ceiling interior finish to room growth) and found to meet the requirements of 2003 IBC Section 803.2.1.

Wall pads shall be constructed using 2" Thick flexible open cell neoprene fire resistant foam bonded to a 7/16" thick wafer board backer and covered with a 14 oz. vinyl covering. Vinyl cover shall be coated polyester fabric with leather grain embossed pattern. Vinyl to have average weight of 14 oz. per square yard, breaking strength of 350 PSI, tear resistance of 65 pounds and be rated as self extinguishing in accordance with California State Fire Code F-230 and Class A Rated in accordance with requirements of NFPA-101. Vinyl to be resistant to rot, mildew and ultraviolet light and is available in Red, Dark Blue, Marine Blue, Beige, Grey, Black, Forest Green, Kelly Green, Brown, Maroon, Orange, Yellow, White, Navy Blue and Purple. Panel front and edges shall be vinyl wrapped and securely stapled to the wood backer so that the backer is not exposed on front or four sides. Pads shall be supplied with 1" fabric wrapped mounting flanges at panel top and bottom.

## 1. Electronic Scoreboards

### 1.1. Summary

- A. Section includes: Interior, electronic, multi-sport [basketball] [multi-purpose basketball/volleyball/wrestling] scoreboard[s] including control center, and other accessories for complete functional installation.
- Section 11 66 23 Gymnasium Equipment
  - Section 26 20 00 Low Voltage Electrical Distribution
  - Section 27 41 16 Integrated Audio-Video Systems
  - Section 10 14 63 Electronic Message Signage

### 1.2. Reference

American Society for Testing and Materials (ASTM) Publications:

- ASTM B221 - Aluminum-Alloy Extruded Bar, Rod, Wire, Shape, and Tube.
- National Electrical Code.
- Federal Communications Commission, Part 15 Rules & Regulations.
- UL and C-UL Standard for Electric Signs

### 1.3. Acceptable Manufactures;

Manufacturers and product selections named are provided to establish the minimum standard.

Nevco, Inc., 301 East Harris Avenue, Greenville, Illinois 62246; 800-851-4040;  
[www.nevco.com](http://www.nevco.com).

**Local Representative is California Facility Specialties at 909-599-1200**

### 1.4. Submittals

A. Provide in accordance with Section 01 33 00 - Submittal Procedures:

- To minimize the environmental impact of multiple paper copies, product installation prints, instructions and diagrams of manufacturer will be submitted in a paperless fashion. The end user shall receive all pertinent hard-copy documentation at delivery.
- Product data for scoreboards, controls, and accessories shall include descriptions of control functions etc.
- Installation drawings face layout, dimensions, construction, electrical wiring diagrams, and method of anchorage. (Paperless when applicable).
- Copy of guarantee required by Paragraph 1.5 for review by Architect. (Paperless when applicable).
- Manufacturer's installation instructions. (Paperless when applicable).
- Finish Samples.

### 1.5. Quality Assurance

- A. Source limitation: All components including scoreboard, control center, control cable, and other accessories and installation hardware shall be products of a single manufacturer.
- B. Manufacturer qualifications: Company specializing in manufacturing electronic scoreboards with 10 years minimum successful world-wide experience.
- C. Scoreboards and other electrical components shall be certified for use in United States and Canada by Underwriter Laboratories, (UL), Inc. and shall bear either UL or C-UL label only.
- D. Scoreboards and other electrical components shall be electrically grounded in accordance with National Electrical Code (NEC), Article 600.
- Provide under provisions of section ( ) – Closeout Submittals: Guarantee to cover defects in materials and workmanship.

2. 5 years parts and factory labor guarantee for scoreboards, [wired controls], and accessories form invoice date.
3. 2 years part and labor guarantee for wireless controls and receivers from invoice date.
4. Lifetime telephone support.

#### 1.6. Guarantee

- A. Provide under provisions of Division 01
- B. Limited Guarantee: The manufacturer shall guarantee all work performed under these specifications to be free from defects for a period of one (1) year, plus an additional four (4) year extended warranty as follows:
- C. Extended warranty for materials and labor for years 2 - 5 shall be contingent upon Owner
- D. Performing annual inspections in accordance with ICC-300.
- E. Annual inspections shall be performed by a technician/installer trained and certified by the manufacturer.

### 2. Electronic Scoring Products

#### A. Materials

1. Aluminum face and perimeter frame: Fabricated from [0.050] [inch] [1.3] [mm] minimum thickness, ASTM B221 aluminum sheet. Finish: Acrylic polyurethane paint. Color as selected by Architect from manufacturer's standard range.
2. Electronics: Low voltage, solid state, 2-wire cable, multiplex system, quartz crystal controlled.
3. Provide fiber optic communication interface to reduce threat of damage from electrical storms.
4. LED (light emitting diode) units: Seven-bar, segmented digits in protective aluminum cover, rated typical life 100,000 hours, and designed to provide excellent visibility from all angles and sides.
5. Provide location specific universal power cord with plug for world-wide installation.
6. Control cable where required shall be UL listed, 2-wire, type RG-58/U, coaxial cable, [1/4 inch] [6 mm] diameter.
7. Junction boxes where required: Sheet metal box and cover, [4-1/2 x 2-1/8 x 2-1/8 inches] [114 x 54 x 54 mm] min. complying with NEMA standards.

### 3. Scoreboards

#### 3.1. Model 2770-NL - WIRELESS

- A. Type: Interior, multi-purpose basketball/volleyball/wrestling electronic scoreboard with two integral horns, changeable captions, and LED displays for time, scores, period, time outs left, number of player fouling with personal fouls, team fouls, bonus and double bonus circles, and next possession arrows; Model 2770-NL (Non-Lit caption, base model) as manufactured by Nevco Inc. Rear-lit (RL) caption plates or Electronic Team Names (ETN) are OPTIONAL and scoreboard shall be capable of in-the-field retrofit. Only LED lighting shall be used for rear-lit captions, incandescent lighting excluded. No captions shall be applied directly to the face of the scoreboard. All caption plates will be changeable and made of polyvinylchloride with vinyl lettering applied
  1. Size: [8 feet long x 6 feet high x 8 inches deep.] [2.4 m long x 1.8 m high x 203 mm deep.]
  2. Approximate hanging weight: [135 pounds] [61 kg].
  3. Captions:
    - a. [6 inches] [152 mm] high:
      - 1) Basic: "Home", "Guests", and "period".
      - 2) Basketball: "fouls", "player", and "t.o.l." for time outs left.
      - 3) Volleyball: "won" and "game".
      - 4) Wrestling: "match" and "weight".
  4. Rear-lit Captions (OPTIONAL ACCESSORY) shall require zero maintenance.
  5. LED displays:
    - a. Timing: Super Bright Red [13 inches] [330 mm] high digits.
    - b. Team scores: Super Bright Amber [13 inches] [330 mm] high digits.

## SPECIFICATIONS

- c. Period: Super Bright Amber [9 inches] [229 mm] high digits.
- d. Time outs left, player number with personal fouls, game, and weight: Super Bright Red [9 inches] [229 mm] high digits.
- e. Team fouls, games won, and match: Super Bright Amber [9 inches] [229 mm] high digits.
- f. Next possession: Super Bright Amber arrow for each team.
- g. Include bonus and double bonus in the form of a [4 inch] [101 mm] Super Bright Red LED "B".
- 6. Provide Advertising /Team logo area, 2 each 12" x 12" and 1, 18" x 18" minimum.
- 7. Suspension mounting attachments will be included.
- 8. Power requirement: All options included: 169 Watts, MAX, 100-240 Volts AC w/Power Factor Correction.

## 3 .2. Model 2750-NL - WIRELESS

- A. Type: Interior, multi-purpose basketball/volleyball/wrestling electronic scoreboard with two integral horns, changeable captions, LED displays for time, scores, period, number of player fouling with personal fouls, team fouls, bonus and double bonus indicators, and next possession arrows; Model 2750-NL (base) as manufactured by Nevco Inc. Rear-lit (RL) caption plates or Electronic Team Names (ETN) are OPTIONAL and scoreboard shall be capable of in-the-field retrofit. Only LED lighting shall be used for rear-lit captions, incandescent lighting excluded. No captions shall be applied directly to the face of the scoreboard. All caption plates will be changeable and made of polyvinylchloride with vinyl lettering applied.
- 6. Size: [8 feet long x 6 feet high x 8 inches deep.] [2.4 m long x 1.8 m high x 203 mm deep.]
- 7. Approximate hanging weight: [130 pounds] [59 kg].
- 8. Captions:
  - a. [6 inches] [152 mm] high:
    - 1) Basic: "Home", "Guests", and "period".
    - 2) Basketball: "fouls" and "player".
    - 3) Volleyball: "won" and "game".
    - 4) Wrestling: "match" and "weight".
- 4. LED displays:
  - b. Timing: Super Bright Red [13 inches] [330 mm] high digits with lit colon.
  - c. Team scores: Super Bright Amber [13 inches] [330 mm] high digits.
  - d. Period: Super Bright Amber [9 inches] [229 mm] high digits.
  - e. Player number with personal fouls, game, and weight: Super Bright Red [9 inches] [229 mm] high digits.
  - f. Team fouls, games won, and match: Super Bright Amber [9 inches] [229 mm] high digits.
  - g. Next possession: Super Bright Amber arrow for each team.
  - h. Include bonus and double bonus in the form of a [4 inch] [101 mm] Super Bright Red LED "B".
- 5. Rear-lit captions (OPTIONAL ACCESSORY) shall require zero maintenance.
- 6. Provide Advertising /Team logo area 3 each, 12" x 12" minimum.
- 7. Suspension mounting attachments will be included.
- 8. Power requirement: All options included: 158 Watts, MAX, 100-240 Volts AC w/Power Factor Correction.

## 3 .3. Model 2710-NL - WIRELESS

- A. Type: Interior, multi-purpose basketball/volleyball/wrestling electronic scoreboard with two integral horns each, LED displays for time, scores, period, team and player fouls, bonus, double bonus, and next possession arrows; Model 2710-NL (Non-Lit caption, base model) as manufactured by Nevco, Inc. Rear-lit (RL) caption plates (OPTIONAL). Only LED lighting shall be used for rear-lit captions, incandescent

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lighting excluded. No captions shall be applied directly to the face of the scoreboard. All caption plates will be changeable and made of polyvinylchloride with vinyl lettering applied.

- B. Shape: Square box with tapered faces, [11' - 8"] [3.6 m] square top sloping to [9' - 6"] [2.9 m] square bottom by [5 feet] [1.5 m] high.
- C. Construction: Aluminum scoreboard panels with steel suspension frame.
- a. Bottom: Provide flat bottom panel finished to match scoreboard; Model B-7 Bottom as manufactured by Nevco, Inc.
  - b. Approximate hanging weight: [959 pounds] [435 kg].
  - c. Non-illuminated captions: [6 inches] [152 mm] high "Home", "Guests", and "period".
  - d. Large captions:
  - e. [6 inches] [152 mm] high: "Home", "Guests", and "period".
  - f. LED displays:
  - g. Timing: Super Bright Red [13 inches] [330 mm] high digits.
  - h. Team scores: Super Bright Amber [13 inches] [330 mm] high digits.
  - i. Period and fouls: Super Bright Amber [9 inches] [229 mm] high digits.
  - j. Player fouls, Super Bright Red [9 inches] [229 mm] high digits.
  - k. Next possession: Super Bright Amber arrow for each team.
  - l. Include bonus and double bonus in the form of a [4 inch] [101 mm] Super Bright Red LED "B".
  - m. Rear-lit captions (OPTIONAL) shall require zero maintenance.
  - n. Provide Advertising /Team logo area 12" x 12" minimum.
  - o. Suspension mounting attachments will be included.
  - p. Power requirement: All options included: 126 Watts Per Face, MAX, 100-240 Volts AC w/Power Factor Correction.

## 3.4. Model 2700-NL - WIRELESS

- A. Type: Interior, multi-purpose basketball/volleyball/wrestling electronic scoreboard with two integral horns, LED displays for time, scores, period, bonus, double bonus, and next possession arrows; Model 2700-NL (Non-Lit caption plates, base model) as manufactured by Nevco Inc. Rear-lit (RL) caption plates or Electronic Team Names (ETN) are OPTIONAL and scoreboard shall be capable of in-the-field retrofit. Only LED lighting shall be used for rear-lit captions, incandescent lighting excluded. No captions shall be applied directly to the face of the scoreboard. All caption plates will be changeable and made of polyvinylchloride with vinyl lettering applied.
1. Size: [8 feet long x 3 feet high x 8 inches deep.] [2.4 m long x .9 m high x 203 mm deep.]
  2. Approximate hanging weight: [71 pounds] [32 kg].
  3. Large black and white captions providing maximum visibility:
  4. [6 inches] [152 mm] high: "Home", "Guests", and "period".
  5. LED displays:
  6. Timing: Super Bright Red [13 inches] [330 mm] high digits.
  7. Team scores: Super Bright Amber [13 inches] [330 mm] high digits.
  8. Period: Super Bright Amber [9 inches] [229 mm] high digits.
  9. Next possession: Super Bright Amber arrow for each team.
  10. Include bonus and double bonus in the form of a [4 inch] [101 mm] Super Bright Red LED "B".
  11. Rear-lit captions (OPTIONAL ACCESSORY) shall require zero maintenance.
  12. Provide Advertising /Team logo area 12" x 12" minimum.
  13. Suspension mounting attachments will be included.
  14. Power requirement: All options included: 126 Watts, MAX, 100-240 Volts AC w/Power Factor Correction.

## 3.5. Shot clocks - WIRELESS

- A. Pair of portable electronic units displaying shot clock time with built-in horn; Model SCD-7A as manufactured by Nevco, Inc.
- a. Size: [22 inches] [559 mm] x [20-1/2 inches] [520 mm] x [7 inches] [178 mm] deep.
  - b. Approximate weight each: [22 lbs] [10 kg].

- c. LED displays:
- d. Shot clock time: Super Bright Red [13 inches] [330 mm] high digits.
- e. End of period goal lights: Super Bright red LED's. OPTIONAL ACCESSORY
- f. Horn: Sounds automatically at 0 shot clock time.
- g. Power requirement: 100-240 volts AC, 36 watts, requires earth ground.

### 3 .6. Accessories/Options

- A. Provide each scoreboard or accessory with control cable of length required. Electrical junction boxes, conduits, mounting hardware, and other accessories as required for installation are to be provided by others.
  - a. Electronic Team Names: "HOME" and "GUEST" caption plates to be replaced with programmable Electronic Team Names as manufactured by Nevco, Inc..
- 1. Specify changeable team names as ETN. Shall not require controller upgrade, use of additional accessories, or computer.
- 2. Specify (R)ed or (A)mber ETN LED's (Example: 27xx ETN-R)
  - b. Provide rear-lit caption plate option. Specify [RL]. (Model Example: 27xx-RL)
  - c. Provide for optional Team Name in place of "HOME" if NL/RL is selected.
- A. Red LED light perimeter strips can be installed on rear side of glass basketball backboards to signal end of period. This end of period light system is typically interfaced with scoreboard time control. Include and edit the following to specify optional end of period lights. Model EOP1-42 is for 42 inches (1067 mm) high backboards and EOP1-48 for 48 inches (1219 mm) high backboards.

### 3 .7. Model EOP1-[42] [48] End of period lights:

- A. A Pair of perimeter light strip sets installed on rear side of glass basketball backboards to signal end of period; Model EOP1-[42] [48] as manufactured Nevco, Inc..
  - 1. Light strips: Self adhesive light strips with Super Bright Red LED displays and end wire connectors to join light strips.
  - 2. Available stand alone with driver module or powered from Shot Clock Display, Model SCD-7A or SCD-T7A.
  - 3. Power requirement per module, (stand alone): 120 volts, 1.5 amps, requires earth ground.

### 3 .8. Shot clocks - WIRELESS

- A. Pair of portable electronic units displaying shot clock time with built-in horn; Model SCD-7A as manufactured by Nevco, Inc..
  - 1. Size: [22 inches] [559 mm] x [20-1/2 inches] [520 mm] x [7 inches] [178 mm] deep.
  - 2. Approximate weight each: [22 lbs] [10 kg].
  - 3. LED displays:
  - 4. Shot clock time: Super Bright Red [13 inches] [330 mm] high digits.
  - 5. End of period goal lights: Super Bright red LED's.
  - 6. Horn: Sounds automatically at 0 shot clock time.
  - 7. Power requirement: 100-240 volts AC, 36 watts, requires earth ground.
- B. **SCD-5 shot clocks can be installed in SBSK-1 shot clock** mounting baskets which can be attached to goals or wall mounted. Shot clock mounting baskets: Pair of steel framed baskets, [22-7/8 x 21 x 7-3/4 inches] [581 x 533 x 197 mm] for holding shot clocks; Model SBSK-1 as manufactured by Nevco, Inc..

### 3 .9. Model SCD-T7A main time, shot clock time, with built-in horn - WIRELESS

- A. Pair of electronic units displaying
  - 1. Size: [36 inches] [914 mm] x [36 inches] [914 mm] x [9-1/8 inches] [232 mm] deep.
  - 2. Approximate weight each: [44 lbs.] [20 kg].



3. LED displays:
4. Main time: Super Bright Red [9 inches] [229 mm] high digits.
5. Shot clock time: Super Bright Amber [13 inches] [330 mm] high digits.
6. End of period goal lights: Super Bright Red LED's.
7. Horn: Sounds automatically at 0 shot clock time.
8. Power requirement: 100-240 volts AC, 53 watts, requires earth ground.
9. Overall size for each name/foul combination panel (width by height by depth): [58-3/4 x 80-1/2 x 8 inches] [1289 x 2045 x 203 mm].
10. Approximate hanging weight per side: [84 pounds] [38 kg].

3 .10. Control Center Model MPCW - WIRELESS

Type: Wireless, microprocessor based, operator's control center with receiver unit mounted at scoreboard and designed to operate different models of scoreboard by interchange of keyboard overlay; as manufactured by Nevco, Inc. Console will operate earlier scoreboards from Nevco, Inc.

A. **MPCW7 Advanced universal control**, ideal for larger facilities.

B. **MPC Protective case**

1. Unit shall comply with Part 15 of FCC Rules regarding interference.
2. Console: High impact, break-resistant gray plastic [11 x 9-1/2 x 4-1/8 inches] [279 x 241 x 105 mm].
3. Features:
  - a. Control can be used to operate both wireless and wired scoreboards.
  - b. Power on-off switch.
  - c. Split and raised 40 key keyboards, internal beeper acknowledging each entry, and bookmark capabilities.
  - d. Keyboard overlays for scoreboard or accessory.
  - e. Remote hand-held main time switch with integral horn button.
  - f. Provide with LED displays, lithium cell battery backup to maintain scoreboard memory and time of day, self test mode, power on-off switch, alternate time control, and multiple scoreboard operation.
  - g. Timer features: Time of day display, multiple time out timers with warning, interval horn, upcount auto stop with horn, and 1/10th second display during last minute.
  - h. Dimmer control for scoreboard.
4. Receiver: Sturdy impact resistant construction, [6 x 4 x 1.5 inches] [152 x 102 x 38 mm] with [4 inch] [102 mm] antenna and mounted at scoreboard.
5. Maximum range: [1,000 feet] [305 m] from control center to receiver.
6. Receiver shall require no additional source of power or separate control cable
7. Power adapters: Provide for each control center.
  - i. Input: 120 volts, 0.4 amps, 50/60 Hz.
  - j. Output: 9 volts, 1.67 amps, 15 watts.
8. Provide carrying case for control center and hand-held switch; Model CC-3 as manufactured by Nevco, Inc..
  - k. Size: [18-1/2 x 14-1/2 x 6 inches] [470 x 368 x 152 mm].
  - l. Construction: Double wall, high density black polyethylene with padded interior, mechanical latches, and hinges.
9. Receiver: Injection molded case, [5-1/2 by 3-3/4 by 2 inches] [140 by 95 by 51 mm] mounted at scoreboard.
10. Maximum range: [1,000 feet] [305 m] from control center to receiver.
11. Power adapters: Provide for each scoreboard receiver.
  - m. Input: 120 volts, 0.4 amps, 50/60 Hz.
  - n. Output: 9 volts, 1.67 amps, 15 watts.
  - o. Construction: Double wall, high density black polyethylene with padded interior, mechanical latches, and hinges.

#### **4. Execution**

##### **4.1. Preparation**

- A. Verify exact scoreboard and control center quantities and junction box locations with Architect.
- B. Coordinate requirements for electrical power, wall blocking, auxiliary framing and supports, suspension cables, and other components to be provided under other Specification Sections to ensure adequate provisions are made for complete, functional installation of scoreboards. [Ensure that building roof structure has been designed for loads of suspended scoreboards.]
- C. Coordinate scoreboard electrical requirements to ensure proper power source, conduit, wiring, and boxes are provided. Prior to installation, verify type and location of power supply.

##### **4.2. Installation**

- A. Install scoreboards and accessories in accordance with manufacturer's instructions and approved installation drawings.
- B. Before installation, field test scoreboards and accessories for operating functions. Ensure that scoreboards accurately perform all operations. Correct deficiencies.
- C. Rigidly mount scoreboards and accessories level and plumb with brackets and fasteners.
- D. Clean exposed surfaces.
- E. Protect scoreboards and finishes from other construction operations.

##### **4.3. Demonstration and Training**

- A. In accordance with Section 01 75 00 - Starting, Adjusting, and Demonstrating, provide demonstration and training session for Owner's representative covering operation and maintenance of electronic scoreboard.

##### **4.4. Inspection**

- A. Examine the areas and conditions where equipment and systems are to be installed and notify the contractor of conditions detrimental to the proper and timely installation of the work.
- B. Do not proceed with the work until unsatisfactory conditions have been corrected by the contractor in a manner acceptable and to the satisfaction of the Architect or Owner's Representative.

##### **4.5. Installation**

- A. All athletic equipment shall be installed as indicated on approved submittals as recommended and in strict accordance with manufacturer's written directions and as indicated on the drawings and specified herein.
- B. All concrete footings for athletic equipment shall be installed as indicated on the drawings and in accordance with Section 03300, Cast-in-Place Concrete.
- C. All sleeves required for athletic equipment installation shall be set plumb and true to line and grade in concrete as indicated on the drawings and per manufacturer's recommendation.
- D. All athletic equipment shall be installed in strict accordance with the latest rules, regulations and specifications governing that sport or event for which it is being installed.
- E. Remove and replaced any damaged components that cannot be successfully repaired.

##### **4.6. Testing, adjustment and operation**

- A. All athletic equipment requiring testing, adjustment and operation shall be tested for proper operation and adjusted to conform to specified standard.
- B. Turnover operating and maintenance instructions and manuals to Owner designated personnel for proper operation and care of equipment.

##### **4.7. Cleaning**

- A. Upon completion of work, clean the equipment so as to be free of dirt, mud or strains. Touch up scratches with matching paint.
- B. Do not use harsh cleaning materials or methods that would damage the finish.
- C. Do not remove warning labels or decals.

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D. Completely clean-up work area. Remove all trash and debris.

## 1 Electronic Scoreboards

### 1.1. Summary

- A. Section includes: Interior, electronic, multi-sport [basketball] [multi-purpose basketball/volleyball/wrestling] scoreboard[s] including control center, and other accessories for complete functional installation.
- a. Section 03 30 00 Cast-in-Place Concrete: Concrete footing for post supporting scoreboards
  - b. Section 05 12 00 Structural Steel: Steel post and other structural framing to support scoreboards
  - c. Section 26 05 26 Grounding and Bonding: Grounding of scoreboard and support structure.
  - d. Section 26 20 00 Low Voltage Electrical Distribution
  - e. Section 27 41 16 Integrated Audio-Video Systems
  - f. Section 10 14 63 Electronic Message Signage

### 1.2. Reference

American Society for Testing and Models (ASTM) Publications:

- a. ASTM A6 – Steel Shapes
- b. ASTM B221 - Aluminum-Alloy Extruded Bar, Rod, Wire, Shape, and Tube.
- c. National Electrical Code.
- B. Federal Communications Commission, Part 15 Rules & Regulations. EN60950-1, EN55022 & EN55024.
- d. UL and C-UL Standard for Electric Signs

### 1.3. Acceptable Manufactures;

Manufacturers and product selections named are provided to establish the minimum standard.

Nevco, Inc., 301 East Harris Avenue, Greenville, Illinois 62246; 800-851-4040;  
[www.nevco.com](http://www.nevco.com).

**Local Representative is California Facility Specialties at 909-599-1200**

### 1.4. Submittals

- A. Provide in accordance with Section 01 33 00 - Submittal Procedures:
- 1. To minimize the environmental impact of multiple paper copies, product installation prints, instructions and diagrams of manufacturer will be submitted in a paperless fashion. The end user shall receive all pertinent hard-copy documentation at delivery.
  - 2. Product data for scoreboards, controls, and accessories shall include descriptions of control functions etc.
  - 3. Installation drawings face layout, dimensions, construction, electrical wiring diagrams, and method of anchorage. (Paperless when applicable).
  - 4. Copy of guarantee required by Paragraph 1.5 for review by Architect. (Paperless when applicable).
  - 5. Manufacturer's installation instructions. (Paperless when applicable).
  - 6. Finish Samples.

### 1.5. Quality Assurance

- A. Source limitation: All components including scoreboard, control center, control cable, and other accessories and installation hardware shall be products of a single manufacturer.
- B. Manufacturer qualifications: Company specializing in manufacturing electronic scoreboards with 10 years minimum successful world-wide experience.
- C. Scoreboards and other electrical components shall be certified for use in United States and Canada by Underwriter Laboratories, (UL), Inc. and shall bear either UL or C-UL label only.
- D. Scoreboards and other electrical components shall be electrically grounded in accordance with National Electrical Code (NEC), Article 600.

1. Provide under provisions of section ( ) – Closeout Submittals: Guarantee to cover defects in Models and workmanship.
2. 5 years parts and factory labor guarantee for scoreboards, [wired controls], and accessories from invoice date.
3. 2 years part and labor guarantee for wireless controls and receivers from invoice date.
4. Lifetime telephone support.

### 1.6. Guarantee

- A. Provide under provisions of Division 01
- B. Limited Guarantee: The manufacturer shall guarantee all work performed under these specifications to be free from defects for a period of one (1) year, plus an additional four (4) year extended warranty as follows:
- C. Extended warranty for Models and labor for years 2 - 5 shall be contingent upon Owner
- D. Performing annual inspections in accordance with ICC-300.
- E. Annual Inspections shall be performed by a technician/installer trained and certified by the manufacturer.

## 2 Models

- A. Aluminum faces and perimeter frame: Fabricated from .050 minimum thickness, ASTM B221 aluminum sheet with reinforcement and slotted mounting brackets top and bottom.
- B. Finish: Acrylic polyurethane paint. Color as selected by Architect from manufacturer's standard range. [Color to be [No. 70 - Desert Tan] [No. 72 - Electronic Blue] [No. 73 - Maroon] [No. 74 - Forest Green] [No. 76 - Print Black] [No. 95 - Silver Gray] [No. 99 - Golden Yellow] [No. 102 - Team Orange] [No. 103 - Cardinal Red] [No. 104 - Medium Purple] [No. 120 - Teal Blue] [No. 121 - Midnight Blue] [No. 140 - Royal Blue] [No. 141 - Navy Blue] [No. 142 - Kelly Green] as provided by Nevco, Inc..] [PMS Color No. \_\_\_\_\_]
  1. Provide [white] [specify alternate color] striping to separate scoreboard features.
- C. Brackets: Integrated universal bracket system.
- D. Fasteners, anchors, and other exposed hardware: Corrosion resistant.
- E. Electronics: Low voltage, solid state, 2-wire cable, multiplex system, quartz crystal controlled.
- F. Provide gold plated electrical contacts on interconnecting wiring to reduce corrosion and improve reliability.
- G. Provide optical communication circuitry to reduce threat of damage from electrical storms and ESD.
- H. LED (light emitting diode) units: Seven-bar, segmented digits with protective aluminum cover, rated typical life 100,000 hours and be designed to provide excellent visibility from all angles and sides.
- I. Junction boxes where required: Sheet metal box and cover, [4-1/2 x 2-1/8 x 2-1/8 inches] [114 x 54 x 54 mm] min. complying with NEMA standards.
- J. Gasketed Digits: Digit faces shall contain an integrated seal to guard against moisture intrusion.
- K. Control cable: UL listed, 2-wire, RG-58/U, coaxial cable, [1/4 inch] [6 mm] diameter.

## 3 Electronic Scoring Products

- A. Materials
  1. Aluminum face and perimeter frame: Fabricated from [0.050] [inch] [1.3] [mm] minimum thickness, ASTM B221 aluminum sheet. Finish: Acrylic polyurethane paint. Color as selected by Architect from manufacturer's standard range.
  2. Electronics: Low voltage, solid state, 2-wire cable, multiplex system, quartz crystal controlled.
  3. Provide fiber optic communication interface to reduce threat of damage from electrical storms.
  4. LED (light emitting diode) units: Seven-bar, segmented digits in protective aluminum cover, rated typical life 100,000 hours, and designed to provide excellent visibility from all angles and sides.
  5. Provide location specific universal power cord with plug for world-wide installation.
  6. Control cable where required shall be UL listed, 2-wire, type RG-58/U, coaxial cable, [1/4 inch] [6 mm] diameter.
  7. Junction boxes where required: Sheet metal box and cover, [4-1/2 x 2-1/8 x 2-1/8 inches] [114 x 54 x 54 mm] min. complying with NEMA standards.

#### 4 BASEBALL/SOFTBALL Scoreboards

##### 4.1. Model – 1604 Baseball/Softball Scoreboard

- A. Type: Exterior, sectional electronic baseball scoreboard with LED displays for number of player at bat, balls, strikes, outs, hit, error, scores by 10 innings, and totals for runs, hits, and errors; **Model 1604** as manufactured by Nevco Scoreboard Company.
1. Size: [28 feet long x 8 feet high x 8 inches deep.] [8.53 m long x 2.44 m high x 203 mm deep.]
  2. Approximate weight: [650 pounds] [295 kg] w/ETN's
  3. White on black captions:
    - a. [15 inches] [381 mm] high: "HOME", "GUESTS", "AT BAT", "BALL", "STRIKE", "OUT" "H" & "E".
    - b. [8 inches] [203 mm] high: All other features.
  4. High Intensity Red or Amber LED displays: (Please specify color when ordering.)
    - a. [18 inches] [457 mm] high digits and letters: Balls, strikes, outs.
    - b. [14 inches] [356 mm] high digits: Scores by inning and totals for runs, hits and errors.
    - c. No single section of scoreboard shall be larger than 5 x 12 feet to ease burden of installation.
    - d. Should service be necessary, service access shall be from front of scoreboard.
  5. Power requirement: 492 Watts MAX w/ ETN's. 100-240 volts, AC 50/60 Hz. Including power factor correction. Requires earth ground in accordance with NEC.

##### 4.2. Model – 1606 Baseball/Softball Scoreboard

- A. Type: Exterior, electronic baseball scoreboard with LED displays for number of player at bat, balls, strikes, outs, hit, error, scores by inning, and totals for runs, hits, and errors; **Model 1606** as manufactured by Nevco.
1. Size: [24 feet long x 8 feet high x 8 inches deep.] [7.3 m long x 2.4 m high x 203 mm deep.] Approximate weight: [515 pounds] [234 kg].
    - a. White on black captions:
      - a. [15 inches] [381 mm] high: "HOME", "GUESTS", "AT BAT", "BALL", "STRIKE", "OUT", "H", and "E".
      - b. [8 inches] [203 mm] high: Inning numbers "1" through "10", "RUNS", "HITS", and "ERRORS".
    - c. High Intensity Red or Amber LED displays:
    - d. [18 inches] [457 mm] high digits and letters: Player number at bat, balls, strikes, outs, hits, and errors.
    - e. [14 inches] [356 mm] high digits: Scores by inning and totals for runs, hits, and errors.
    - f. No single section of scoreboard will be larger than 5 x 12 ft to ease burden of installation.
  - B. Power requirement: 456 Watts MAX w/ ETN's. 100-240 volts, AC 50/60 Hz. Including power factor correction. Requires earth ground accordance with NEC.

##### 4.3. Model – 1608 Baseball/Softball Scoreboard

- A. Type: Exterior, electronic baseball scoreboard with LED displays for number of player at bat, balls, strikes, outs, hit, error, scores by inning, and totals for runs, hits, and errors; **Model 1608** as manufactured by Nevco Scoreboard Company.
1. Size: [18 feet long x 6 feet high x 8 inches deep.] [5.4 m long x 1.8 m high x 203 mm deep.]
  2. Approximate weight: [375 pounds] [234 kg].
  3. White on black captions:
    - a. [10 inches] [254 mm] high: "HOME", "GUESTS", "AT BAT", "BALL", "STRIKE", "OUT".
    - b. [8 inches] [203 mm] high: Inning numbers "1" through "9", "TOTAL".
  - c. High Intensity Red or Amber LED displays:
  - d. [18 inches] [457 mm] high digits and letters: Balls, strikes, outs.
  - e. [14 inches] [356 mm] high digits: Scores by inning and totals for runs.
- B. Power requirement: 300 Watts MAX w/ ETN's. 100-240 volts, AC 50/60 Hz. Including power factor correction Requires earth ground accordance with NEC.

## 4.4. Model – 1630 Baseball/Softball Scoreboard

- A. Type: Large, exterior, electronic baseball scoreboard with LED displays for scores, inning, uniform number of player at bat, balls, strikes, outs, hit, error, and team at bat indicators; **Model 1630** as manufactured by Nevco.
1. Size: [18 feet long x 8 feet high x 8 inches deep.] [5.5 m long x 2.4 m high x 203 mm deep.]
  2. Approximate weight: [365 pounds] [166 kg].
  3. White on black captions, [15 inches] [381 mm] high: "HOME", "GUESTS", "INNING", "AT BAT", "BALL", "STRIKE", "OUT", "H", and "E".
  4. High Intensity Red or Amber LED displays with [24 inches] [610 mm] high digits and letters: Scores, inning, hit, error, player number at bat, balls, strikes, and outs.
  5. High Intensity Red or Amber circular indicators for team at bat.
  6. No single section of scoreboard shall be larger than 5 x 12 ft to ease burden of installation.
- B. Power requirement: 360 Watts MAX w/ ETN's. 100-240 volts, AC 50/60 Hz. Including power factor correction. Requires earth ground accordance with NEC.

## 4.5. Model – 1635 Baseball/Softball Scoreboard

- A. Type: Exterior, electronic baseball scoreboard with LED displays for inning, scores, balls, strikes, and outs and LED indicators for hit and error; **Model 1635** as manufactured by Nevco.
1. Size: [16 feet long x 6 feet high x 8 inches deep.] [4.9 m long x 1.8 m high x 203 mm deep.]
  2. Approximate weight: [255 pounds] [116 kg].
  3. White on black captions, [10 inches] [254 mm] high: "HOME", "GUESTS", "INNING", "BALL", "STRIKE", "OUT", "H", and "E".
  4. High Intensity Red or Amber LED displays, [18 inches] [457 mm] high digits: Scores, inning, balls, strikes, and outs.
  5. High Intensity Red or Amber LED circular indicators for hit and error.
  6. No single section of scoreboard shall be larger than 5 x 12 feet to ease burden of installation.
- B. Power requirement: 216 Watts MAX w/ ETN's. 100-240 volts, AC 50/60 Hz. Including power factor correction. Requires earth ground accordance with NEC.

## 4.6. Model – 3600 Baseball/Softball Scoreboard

- A. Type: Exterior, electronic football scoreboard with integral horn and LED displays for time, scores, quarter, down, yards to go, and ball possession; **Model 3600** as manufactured by Nevco, Inc.
1. Size: [18 feet long x 8 feet high x 8 inches deep.] [5.5 m long x 2.4 m high x 203 mm deep.]
  2. Approximate weight with ETN's: [482 pounds] [219 kg].
  3. White on black captions, [15 inches] [381 mm] high: "HOME", "GUESTS", "DOWN", "YDS TO GO", and "QTR".
  4. High intensity red or amber LED displays:
  5. [24 inches] [610 mm] high digits: Time in minutes and seconds separated by colon, scores, down, yards to go, and quarter.
  6. Ball possession indicators: One football shaped indicator per team.
  7. Power requirement: 120/240 volts, 2.4/1.2 amps, with ETN, 3.6/1.8 amps.
  8. Provide optional baseball conversion caption plates: "INN", "OUT", "BALL", "STRIKE" "H" and "E".
  9. As an option, set of conversion captions can be provided for baseball. Include the following paragraph if this option is required

## 4.7. Model – 1650 Baseball/Softball Scoreboard

- A. Type: Exterior, electronic baseball scoreboard with LED displays for inning, scores, and LED indicators for balls, strikes, and outs; **Model 1650** as manufactured by Nevco.
1. Size: 8 feet long x 3 feet tall x 8 inches deep [2.44 x .91 x .20 meters]
  2. Approximate weight: [85 pounds] [39 kg].
  3. White on black captions, [5 inches] [127 mm] high: "HOME", "GUESTS", "INNING", "BALL", "STRIKE", "OUT".

4. High Intensity Red or Amber LED displays, [14 inches] [355 mm] high digits: Scores, inning.
5. High Intensity Red or Amber LED circular indicators for BALL, STRIKE and OUT.
6. Power requirement: 48 Watts MAX, 100-240 volts, AC 50/60 Hz. Including power factor correction. Requires earth ground accordance with NEC

#### 4.8. Model – PCD-08 Baseball/Softball Pitch Count Display, 8'x1'6"

- A. Type: Exterior, electronic baseball Pitch Count Display with LED displays for pitch count; **Model PCD-8** as manufactured by Nevco.
1. Size: [8 feet long x 1.5 feet high x 8 inches deep.] [2.44 m long x .457 m high x 203 mm deep.]
  2. Approximate weight: [60 pounds] [27 kg].
  3. White on black captions: [8 inches] [203 mm] high "PITCH COUNT"
  4. High Intensity Red LED displays, [14 inches] [356 mm] high digits.
  5. Power requirement: 27 Watts MAX. 100-240 volts, AC 50/60 Hz. Requires earth ground

#### 4.9. Model – PCD-10 Baseball/Softball Pitch Count Display, 10'x2'

- A. Type: Exterior, electronic baseball Pitch Count Display with LED displays for pitch count; **Model PCD-10** as manufactured by Nevco.
1. Size: [10 feet long x 2 feet high x 8 inches deep.] [3.05 m long x .61m high x 203 mm deep.]
  2. Approximate weight: [80 pounds] [36 kg].
  3. White on black captions: [8 inches] [203 mm] high "PITCH COUNT"
  4. High Intensity Red LED displays, [14 inches] [356 mm] high digits.
  5. Power requirement: 27 Watts MAX. 100-240 volts, AC 50/60 Hz. Requires earth ground.

#### 4.10. Material – PCD-16 Baseball/Softball Pitch Count Display, 16'x2'

- A. Type: Exterior, electronic baseball Pitch Count Display with LED displays for pitch count; **Model PCD-16** as manufactured by Nevco.
1. Size: [16 feet long x 2 feet high x 8 inches deep.] [4.87 m long x .61 m high x 203 mm deep.]
  2. Approximate weight: [110 pounds] [54 kg].
  3. White on black captions: [13 inches] [330 mm] high, "PITCH COUNT"
  4. High Intensity Red LED displays, [14 inches] [356 mm] high digits.
  5. Power requirement: 27 Watts MAX. 100-240 volts, AC 50/60 Hz. Requires earth ground.

#### 4.11. Model – PCD-18 Baseball/Softball Pitch Count Display, 18'x2'

- A. Type: Exterior, electronic baseball Pitch Count Display with LED displays for pitch count; **Model PCD-18** as manufactured by Nevco.
1. Size: [18 feet long x 2 feet high x 8 inches deep.] [5.49 m long x .61 m high x 203 mm deep.]
  2. Approximate weight: [120 pounds] [54 kg].
  3. White on black captions: [20 inches] [508 mm] high "HOME PITCH COUNT""GUEST PITCH COUNT"
  4. High Intensity Red LED displays, [14 inches] [356 mm] high digits:
  5. Power requirement: 27 Watts MAX. 100-240 volts, AC 50/60 Hz. Requires earth ground.

## 5 FOOTBALL/MULTISPORT

### 5.1. Model – 3600 Classic Football Scoreboard

- A. Type: Exterior, electronic football scoreboard with integral horn and LED displays for time, scores, quarter, down, yards to go, and ball possession; Model 3600 as manufactured by Nevco, Inc.
1. Size: [18 feet long x 8 feet high x 8 inches deep.] [5.5 m long x 2.4 m high x 203 mm deep.]
  2. Approximate weight with ETN's: [482 pounds] [219 kg].
  3. White on black captions, [15 inches] [381 mm] high: "HOME", "GUESTS", "DOWN", "YDS TO GO", and "QTR".
  4. High intensity red or amber LED displays:



5. [24 inches] [610 mm] high digits: Time in minutes and seconds separated by colon, scores, down, yards to go, and quarter.
6. Ball possession indicators: One football shaped indicator per team.
7. Power requirement: 120/240 volts, 2.4/1.2 amps, with ETN, 3.6/1.8 amps.
8. Provide optional baseball conversion caption plates: "INN", "OUT", "BALL", "STRIKE" "H" and "E".

#### 5.2. Model – 3616 Football/Multisport Scoreboard

- A. Type: Exterior, large-numbered, electronic football scoreboard with integral horn and LED displays for time, scores, period, down, yards to go, ball location, ball possession, and time outs left; Model 3616 as manufactured by Nevco, Inc.
1. Size: [36 feet long x 10 feet high x 8 inches deep.] [11.0 m long x 3.0 m high x 203 mm deep.]
  2. Approximate weight: [1220 pounds] [555 kg].
  3. White on black captions:
    - a. [15 inches] [381 mm] high: "HOME", "GUESTS", "PERIOD", "DOWN", "YDS TO GO", and "BALL ON".
    - b. [6 inches] [152 mm] high: "T.O.L." for times out left.
  4. High intensity red or amber LED displays:
    - a. [30 inches] [762 mm] high digits: Time in minutes and seconds separated by colon, period, scores, down, yards to go, and ball location.
    - b. [18 inches] [457 mm] high digits: Time outs left.
  5. High intensity red or amber LED ball possession or hit/run indicators: One football shaped indicator per team.
  6. Power requirement: 120/240 volts, 4.5/2.2 amps, with ETN 8.0/4.0 amps.
  8. Provide optional conversion caption plates for:
    - a. Baseball: "INN", "OUT", "BALL", "STRIKE", "AT BAT", "H", and "E".
    - b. Soccer: Two "SHOTS"

#### 5.3. Model – 3688 Football/Multisport Scoreboard

- A. Type: Exterior, large-numbered, electronic Intelligent Caption – Multi-sport scoreboard with integral horn and LED displays for time, scores, possession and four digit pairs for per team features listed below. **Model 3688** as manufactured by Nevco, Inc.
1. Size: [32 feet long x 8 feet high x 8 inches deep.] [9.75 m long x 2.44 m high x .20 mm deep.]
  2. Approximate weight: [830 pounds] [376 kg].
  3. All electronic Caption Plates: two ea. 8x48, four ea. 8x32, and two ea. 8x16 – 16mm matrix red or amber LED displays.
  4. Displaying per sport: "HOME", "GUESTS", "BALL ON" "DOWN" "YTG" "QTR" "SAVES", "SHOTS", "CK", "H/G", "PEN", "AT BAT", "BALL", "STRIKE", "OUT"
  5. High intensity red or amber LED displays:
  6. [24 inches] [609.6 mm] high digits: All digits except "tol"
  7. [18 inches] [457 mm] high digits: "tol"
  8. Possession indicators in the form of a football.
  9. Power requirement: 120/240 volts, 6.90/3.5 amps, with All options included.

#### 5.4. Model – 3614 Football/Multisport Scoreboard

- A. Type: Exterior, electronic football scoreboard with integral horn and LED displays for time, scores, quarter, down, yards to go, ball location, and ball possession; **Model 3614** as manufactured by Nevco, Inc..
1. Size: [18 feet long x 8 feet high x 8 inches deep.] [5.5 m long x 2.4 m high x 203 mm deep.]
  2. Approximate weight with ETN's: [482 pounds] [219 kg].
  3. White on black captions, [15 inches] [381 mm] high: "HOME", "GUESTS", "QTR", "DOWN", "YDS TO GO", and "BALL ON".

4. High intensity red or amber LED displays, [24 inches] [610 mm] high digits: Time in minutes and seconds separated by colon, quarter, scores, down, yards to go, and ball location.
5. High intensity red or amber LED ball possession or hit/run indicators: One football shaped indicator per team.
6. Power requirement: 120/240 volts, 2.7/1.4 amps, with ETN 3.9/1.9 amps.
8. Provide optional conversion caption plates for:
  - a. Baseball: "INN", "OUT", "BALL", "STRIKE", "AT BAT", "H", and "E".
  - b. Soccer: Two "SHOTS".

#### 5.5. Model – 3617 Football/Multisport Scoreboard

- A. Type: Exterior, electronic football scoreboard with integral horn and LED displays for time, scores, quarter, down, yards to go, ball location, and ball possession and time outs left; **Model 3617** as manufactured by Nevco, Inc.
  1. Size: [24 feet long x 8 feet high x 8 inches deep.] [7.3 m long x 2.4 m high x 203 mm deep.]
  2. Approximate weight: [632 pounds] [287 kg].
  3. White on black captions, [15 inches] [381 mm] high: "HOME", "GUESTS", "QTR", "DOWN", "YDS TO GO", and "BALL ON".
  4. High intensity red or amber LED displays, [24 inches] [610 mm] high digits: Time in minutes and seconds separated by colon, quarter, scores, down, yards to go, and ball location.
  5. High intensity red or amber LED ball possession or hit/run indicators: One football shaped indicator per team.
  6. High intensity red or amber LED displays, [18 inches] [457 mm] high digits: Time Outs Left (T.O.L.)
  7. Power requirement: 120/240 volts, 2.8/1.4 amps, with ETN 4.2/2.1 amps.
  9. Provide optional conversion caption plates for:
    - a. Baseball: "INN", "OUT", "BALL", "STRIKE", "AT BAT", "H", and "E".
    - b. Soccer: Two "SHOTS".

#### 5.6. Model – 3619 Football/Multisport Scoreboard

- A. Type: Exterior, electronic football scoreboard with integral horn and LED displays for time, scores, quarter, down, yards to go, ball location, and ball possession; **Model 3619** as manufactured by Nevco, Inc.
  1. Size: [24 feet long x 8 feet high x 8 inches deep.] [7.3 m long x 2.4 m high x 203 mm deep.]
  2. Approximate weight: [692 pounds] [315 kg].
  3. White on black captions, [15 inches] [381 mm] high: "HOME", "GUESTS", "QTR", "DOWN", "YDS TO GO", and "BALL ON".
  4. High intensity red or amber LED displays, [24 inches] [610 mm] high digits: Time in minutes and seconds separated by colon, quarter, scores, down, yards to go, and ball location.
  5. High intensity red or amber LED ball possession or hit/run indicators: One football shaped indicator per team.
  6. High intensity red or amber LED displays, [18 inches] [457 mm] high digits: Time Outs Left (T.O.L.)
  7. Power requirement: 120/240 volts, 3.0/1.5 amps, with ETN 4.0/2.1 amps.
  8. Provide optional conversion caption plates for:
    - a. Baseball: "INN", "OUT", "BALL", "STRIKE", "AT BAT", "H", and "E".
    - b. Soccer: Two "SHOTS".
  9. Provide logo space for team mascot or graphic, no less than [48" x 60"] [1.22m x 1.52m]

## 6 SWIMMING

### 6.1. Model – 6745 swimming scoreboard

- A. Type: Interior, electronic, multi-purpose swimming/water polo scoreboard with integral horn, advertising or team name panel, and LED displays for bi-directional time, water polo scores, swimming [event] [heat]

number, and lane numbers for first [six] [eight] finishers; Model [6745] [6745-A] [6745-B] as manufactured by Nevco.

1. Size: [10 feet long x 5 feet high x 8 inches deep.] [3.0 m long x 1.5 m high x 203 mm deep.]
2. Approximate hanging weight: [157 pounds] [71 kg].
3. Captions: [6 inches] [152 mm] high "Home", "Guests", ["event"] ["heat"] "place" and "lane", and [six] [eight] placing numbers.
4. LED displays:
  - a. Timing: Red [13 inches] [330 mm] high digits. Timing is bi-directional.
    - i. Swimming events: Up count with minutes and seconds separated by colon and 1/10<sup>th</sup> seconds separated by decimal.
    - ii. Water polo: Down count with minutes and seconds separated by colon. During final minute, 1/10<sup>th</sup> seconds are displayed separated by decimal.
  - b. Team scores: Orange [13 inches] [330 mm] high digits.
  - c. [Event] [Heat] number: Red [9 inches] [229 mm] high digits.
5. Power requirement: 166 Watts MAX, 90 to 240 Volts AC, with power factor correction.

#### 6.2. Accessories for swimming scoreboard (only)

- A. Provide each scoreboard or accessory with control cable of length indicated on Drawings and approved shop drawings, junction boxes, mounting hardware, and other accessories as required for complete, functional installation.
- B. Electronic Team Names: "HOME" and "GUEST" caption plates to be replaced with programmable Electronic Team Names as manufactured by Nevco Company.
  1. Specify changeable team names without use of additional accessories or computer. [ETN]
  2. Specify [R]ed or [A]mber LED's
- C. Provide rear-lit caption plate option. Specify [RL]. (Model Example: 2700-ETN-A-NL)
- D. Type: Interior, electronic, multi-purpose swimming and other timed sporting events board with integral horn and LED display for bi-directional time; **Model 9510** as manufactured by Nevco Company. Optional Rear-Lit [RL] caption available.
  1. Size: [5 feet long x 3 feet high x 8 inches deep.] [1.5 m long x .91 m high x 203 mm deep.]
  2. Approximate hanging weight: [47 pounds] [21 kg].
  3. Caption: [6 inches] [152 mm] high "time".
  4. LED timing display: Red [18 inches] [457 mm] high digits. Timing is bi-directional.
    - a. Swimming events and races: Up count with minutes and seconds separated by colon.
    - b. Water polo and other sporting event periods: Down count with minutes and seconds separated by colon. During final minute, 1/10<sup>th</sup> seconds are displayed separated by decimal.
  5. Power requirement: 66 Watts Max 90 to 240 Volts AC with Power Factor correction.
  6. Provide time board with Model MPC microprocessor control unit specified in Paragraph [2.5], two junction boxes, one length control cable, and other accessories for complete functional installation.
- E. Water polo shot clocks: Pair of portable electronic units displaying shot clock time and end of period goal lights with built-in horn; Model SC7-13 as manufactured by Nevco Company.
  1. Size: [22 inches x 21-1/2 inches x 7 inches] [559 mm x 546 mm x 178 mm]
  2. LED displays:
    - a. Shot clock time: Red [13 inches] [330 mm] high digits.
    - b. End of period goal lights: Blinking red digits.
  3. Horn: Sounds automatically at 0 shot clock time.
  4. Electrical power: 35 Watts, 90 to 240 Volts AC.
- F. Shot clock mounting baskets: Pair of steel framed baskets, [22-7/8 x 21 x 7-3/4 inches] [581 x 533 x 197 mm] for holding shot clocks; Model SBSK-1 as manufactured by Nevco Company.

#### 6.3. Control Center Model MPCW

Type: Wireless, microprocessor based, operator's control center with receiver unit mounted at scoreboard and designed to operate different models of scoreboard by interchange of keyboard overlay; as manufactured by Nevco, Inc. Console will operate earlier scoreboards from Nevco, Inc.

- A. **MPCW7 Advanced universal control**, ideal for larger facilities.

**B. MPC Protective case**

1. Unit shall comply with Part 15 of FCC Rules regarding interference.
2. Console: High impact, break-resistant gray plastic [11 x 9-1/2 x 4-1/8 inches] [279 x 241 x 105 mm].
3. Features:
  - a. Control can be used to operate both wireless and wired scoreboards.
  - b. Power on-off switch.
  - c. Split and raised 40 key keyboards, internal beeper acknowledging each entry, and bookmark capabilities.
  - d. Keyboard overlays for scoreboard or accessory.
  - e. Remote hand-held main time switch with integral horn button.
  - f. Provide with LED displays, lithium cell battery backup to maintain scoreboard memory and time of day, self test mode, power on-off switch, alternate time control, and multiple scoreboard operation.
  - g. Timer features: Time of day display, multiple time out timers with warning, interval horn, upcount auto stop with horn, and 1/10th second display during last minute.
  - h. Dimmer control for scoreboard.
4. Receiver: Sturdy impact resistant construction, [6 x 4 x 1.5 inches] [152 x 102 x 38 mm] with [4 inch] [102 mm] antenna and mounted at scoreboard.
5. Maximum range: [1,000 feet] [305 m] from control center to receiver.
6. Receiver shall require no additional source of power or separate control cable
7. Power adapters: Provide for each control center.
  - a. Input: 120 volts, 0.4 amps, 50/60 Hz.
  - b. Output: 9 volts, 1.67 amps, 15 watts.
8. Provide carrying case for control center and hand-held switch; Model CC-3 as manufactured by Nevco, Inc..
  - a. Size: [18-1/2 x 14-1/2 x 6 inches] [470 x 368 x 152 mm].
  - b. Construction: Double wall, high density black polyethylene with padded interior, mechanical latches, and hinges.
9. Receiver: Injection molded case, [5-1/2 by 3-3/4 by 2 inches] [140 by 95 by 51 mm] mounted at scoreboard.
10. Maximum range: [1,000 feet] [305 m] from control center to receiver.
11. Power adapters: Provide for each scoreboard receiver.
  - a. Input: 120 volts, 0.4 amps, 50/60 Hz.
  - b. Output: 9 volts, 1.67 amps, 15 watts.

**6.4. Accessories**

- A. Provide each scoreboard or accessory with control cable of length required. Electrical junction boxes, conduits, mounting hardware, and other accessories as required for installation are to be provided by others.
- B. Electronic Team Names and Intelligent Captions: On certain models "HOME" and "GUEST" caption plates can be replaced with programmable Electronic Team Names as manufactured by Nevco. Certain other models include Intelligent Captions which change information in accordance with sport. Specify LED color.
- C. Specify changeable team names as ETN. Shall not require controller upgrade, use of additional accessories or computer.
- D. specify (R)ed or (A)mber ETN LED's (Example: 16xx -A-ETN-A)
- E. Additional available accessories include but are not limited to; please specify if required.

**6.5. Options**

- A. Electronic team names (ETN)
- B. Team name in place of "HOME"

**6.6. Control Center**

- A. Type: Wired or Wireless, microprocessor based operator's control center designed to operate different models of scoreboard by interchange of keyboard overlay; Model MPC as manufactured by Nevco Inc. Console will operate earlier scoreboards from Nevco Inc.
- B. Console: High impact, break-resistant black plastic with improved UV resistance. [11 x 9-1/2 x 4-1/8 inches] [279 x 241 x 105 mm].
- a. Features:
- I. Provide with LED displays, lithium cell battery backup to maintain scoreboard memory and time of day, self test mode, power on-off switch, alternate time control, and multiple scoreboard operation.
  - II. Split and raised 40 key soft touch keyboard.
  - III. Keyboard shall be spill resistant.
  - IV. Internal beeper acknowledging each entry
  - V. System Profiles feature set all parameters of operation including choice of controlled accessories and scoreboards.
  - VI. Colorful graphic rich keyboard overlays for scoreboard or accessory.
  - VII. Remote hand-held main time switch with programmable integral horn button.
  - VIII. [25 feet] [7.6 m] control cable with connectors.
  - IX. Timer features: Time of day display, multiple time out timers with warning, interval horn, up-count auto stop with horn, 1/10th second display during last minute, changeable horn tone on scoreboards with the feature.
  - X. Segment timing for practice and workout.
  - XI. Dimmer control for scoreboard.
  - XII. MPC features shall be accessed through yes/no abbreviated questions in a drop down menu format.
  - XIII. Multiple receiver management shall be accomplished through direct keyboard input.
  - XIV. Electronic Team Names and automatic Electronic Caption Plates shall be controlled from MPC control without need to change overlays.
  - XV. Power requirements: 120 volts, 12 watts, 50/60 Hz.
  - XVI. Provide carrying case for control center, cable, and hand-held switch; Model CC-3 as manufactured by Nevco Inc.
  - XVII. Size: [18-1/2 x 14-1/2 x 6 inches] [470 x 368 x 152 mm].
  - XVIII. Construction: Double wall, high density black polyethylene with padded interior, mechanical latches, and hinges.
  - XIX. Receiver WHEN ORDERED SEPARATELY;
  - XX. Sturdy impact resistant construction, [6 x 4 x 1.5 inches] [152 x 102 x 38 mm]
  - XXI. Integrated antenna, mounted flush in scoreboard face. Protruding antennas shall not be used.
  - XXII. Maximum range: [1,000 feet] [305 m] from control center to receiver.
  - XXIII. Receiver shall require no additional source of power or separate control cable.

**6.7. Installation**

1. Install scoreboards and accessories in accordance with manufacturer's instructions and approved installation drawings.
2. Before installation, field test scoreboards and accessories for operating functions. Ensure that scoreboards accurately perform all operations. Correct deficiencies.
3. Rigidly mount scoreboards and accessories level and plumb with brackets and fasteners.
4. Clean exposed surfaces.
5. Protect scoreboards and finishes from other construction operations.

## Outdoor scoreboards

**6.8. Demonstration and Training**

- A. In accordance with Section 01 75 00 - Starting, Adjusting, and Demonstrating, provide demonstration and training session for Owner's representative covering operation and maintenance of electronic scoreboard.

**6.9. Inspection**

- A. Examine the areas and conditions where equipment and systems are to be installed and notify the contractor of conditions detrimental to the proper and timely installation of the work.
- B. Do not proceed with the work until unsatisfactory conditions have been corrected by the contractor in a manner acceptable and to the satisfaction of the Architect or Owner's Representative.

**6.10. Installation**

- A. All athletic equipment shall be installed as indicated on approved submittals as recommended and in strict accordance with manufacturer's written directions and as indicated on the drawings and specified herein.
- B. All concrete footings for athletic equipment shall be installed as indicated on the drawings and in accordance with Section 03300, Cast-in-Place Concrete.
- C. All sleeves required for athletic equipment installation shall be set plumb and true to line and grade in concrete as indicated on the drawings and per manufacturer's recommendation.
- D. All athletic equipment shall be installed in strict accordance with the latest rules, regulations and specifications governing that sport or event for which it is being installed.
- E. Remove and replaced any damaged components that cannot be successfully repaired.

**6.11. Testing, adjustment and operation**

- A. All athletic equipment requiring testing, adjustment and operation shall be tested for proper operation and adjusted to conform to specified standard.
- B. Turnover operating and maintenance instructions and manuals to Owner designated personnel for proper operation and care of equipment.

**6.12. Cleaning**

- A. Upon completion of work, clean the equipment so as to be free of dirt, mud or stains. Touch up scratches with matching paint.
- B. Do not use harsh cleaning Models or methods that would damage the finish.
- C. Do not remove warning labels or decals.
- D. Completely clean-up work area. Remove all trash and debris.

-END OF SECTION-

**Application Summary**

Office ID:02

Application #:112292

File #:PC-90

**Project Name:** Pc Scoreboard/marquee (nevco, Inc.)

**Project Scope:** Construction of 2-PC Scoreboards, 1-PC Marquee

**Address:**Na

**City:**Na

**Zip:**00000

**PTN #:**na

**OPSC #:**

**# Of Incr:**0

**Project Type:** SPECIAL

**Project Class:**Class 2

**Special Type:**

**Estimated Amt:**\$0.00

**Contracted Amt:**\$0.00

**Change Order Amt:**\$0.00

**Adj Est.Date#1:**

**Adj Est.Amt#1:**

**Final Project Cost:**\$0.00

**Adj Est.Date#2:**

**Adj Est.Amt#2:**

**Received Date:**12/9/2011

**Appr. Date:**10/22/2012

**Appr. Ext. Date:**

**Closed Date:**

Incomplete Submittal

**Complete Submittal Received Date:**

**SB 575**

New Campus

Modernization

**Required**

**Included In Plan**

**Auto Fire Detection**

**Sprinkler System**

**Required review services**

Access Compliance

Structural Safety

Fire & Life Safety

Field Review

HPS

CGS Review

**Special review type**

Class.S Reduction

Over the Counter

Concurrent Review

Incremental Review

**Energy Efficiency**

SPECIFICATIONS

- The Plan meet Title 24 Energy Requirements
- Project's new construction exceeds Title 24 by 0 %
- Project's modernization exceeds Title 24 by 0 %

Climate  
Zone: 0

Project's Sq.footage:0

EPR Approved Date:

HPI:

HPI Points:

HPI Hours:

Energy  
Notes:

Client's  
Notes: PC Invoice for \$3,272.00 paid 2/9/12 (KU)

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**TESTS & INSPECTIONS**

TEST	DESCRIPTION	TEST METHOD	TEST FREQUENCY	TEST LOCATION	TEST RESULTS
1	CONCRETE	Slump Test	Per 2010 California Building Standards Code, Part 5, Title 24, CSR	At construction site	
2	STEEL	Visual Inspection	Per 2010 California Building Standards Code, Part 5, Title 24, CSR	At construction site	
3	WOOD	Moisture Content Test	Per 2010 California Building Standards Code, Part 5, Title 24, CSR	At construction site	
4	OTHER	As required by project specifications			

**CODE INFORMATION**

2010 CALIFORNIA BUILDING STANDARDS CODE (TITLE 24, CSR)

2010 Building Standards Administrative Code, Part 1, Title 24 Code of Regulations (CCR)

2010 California Building Code, Part 2, Title 24 CCR

2010 California Mechanical Code, Part 4, Title 24 CCR

2010 California Plumbing Code, Part 5, Title 24 CCR

2010 California Energy Code, Part 6, Title 24 CCR

2010 California Fire Code, Part 7, Title 24 CCR

2010 California Green Building Standards Code, Part 11, Title 24 CCR

2010 California Reference Standards Code, Part 12, Title 24 CCR

**GENERAL REQUIREMENTS:**

- The Architect or Professional Engineer in general responsible change shall sign and seal all drawings and specifications per Title 24, Part 1, Sections 4-316(f) and 4-317(f).
- Changes to the approved drawings and specifications shall be made by addenda.
- Field change documents or change orders approved by the Architect (OAS) or approved by Title 24, Part 1, Section 4-328.
- Project shall employ a OAS Project Inspector when approved by OAS who shall provide continuous inspection of the work. The Project Inspector shall report on a DS-6 Form. The duties of the Project Inspector are defined in Title 24, Part 1, Section 4-342.
- Welds repairs are not within the scope of this pre-approval.
- Welds shall be inspected by a qualified welder or welder supervisor.
- All assemblies to be electrically grounded per 5/52.

**GENERAL NOTES/MATERIAL SPECS**

**GENERAL:**

- All construction shall conform to the 2010 California Building Standards Code and all other codes & regulations.
- The Contractor shall be responsible for all job site safety including safety, confinement with municipal, State & Federal regulations regarding safety, restrictive requirements shall be shown on the construction documents, the most restrictive requirements shall apply.
- The Contractor shall verify screedboard location on the site & all dimensions & elevations, new & existing, which impact screedboard.
- A copy of Title 24, Part 1, 2, 3, 4, & 5 shall be kept on site during construction.
- Spot checks may be made to the Contract Documents without OAS approval.
- Separate disclaimer notes per ASCE Table 2-6.

**STEEL:**

- Design, fabrication & erection in accordance with ASCE 360-05, 13th Edition, LRFD
- Hotbed Steel: ASTM A992 (Fy = 50ksi)
- Beam Steel: ASTM A307 min (Fy = 50ksi)
- Welds: ASCE 360-05, Table 10.2-1
- Anchor Bolts: ASTM A499 (Fy = 120 ksi for 1" and smaller, Fy = 105 ksi for 1 1/2" and larger)
- Rebar Steel: ASTM A615 Gr. 60 (Fy = 60ksi) @ 18" on center
- All anchor bolts, nuts and washers are to be hot dipped galvanized per ASTM A153.
- All exposed structural steel shall be galvanized or primed and painted for exterior exposure.

**WELDING:**

- Design & fabrication in accordance with AWS D11.1. All welding shall be performed by certified welder per AWS standards.
- Welding process shall be shielded metal arc welding (SMAW) or flux cored arc welding (FCAW).
- Provide special inspection for field welding per 2010 CBC Table 17044.3.

**CONCRETE:**

- Design & construction in accordance with ACI 318-08.
- Compressive strength of 28 days shall be 4000 psi min, per ACI 318-08, Table 19.2.3.1. Erection of formwork may commence when tests reach 3000 psi.
- Provide slope away from base of supports.
- Grout below base plates shall be non-shrink, non-metallic grout with a minimum specified compressive strength of 5000 psi min, comply with ASTM C-94 Section 8 & 9 and concrete part 149 from the National Ready Mixed Concrete Association. Furthermore, a qualified technician of the leading agency shall witness the first batch, and batch records shall accompany all loads and be provided to the inspector of record.
- Provide 3" minimum clear cover of all rebar - Typ. UNO

**SMU:**

- As a minimum, bearing soil shall be classified as clay, sandy clay per 2010 CBC Table 18044.2 with an allowable lateral bearing pressure of 100 psf/ft and an allowable vertical bearing pressure of 1500 psf

**DESIGN CRITERIA**

**DESIGN CRITERIA:**

- Building Code: 2010 California Building Code
- Wind Loads (ASCE7-05 Method 2, Analytical Procedure):  
Basic Wind Speed, V = 100 mph  
Occupancy Category II, K = 0.05  
K<sub>z</sub> = 0.85  
K<sub>t</sub> = 1.00  
C<sub>e</sub> = 0.85
- Seismic Loads (Design Maximum assumed based on Humboldt, CA):  
Occupancy Category II, S<sub>1</sub> = 1.1  
Site Class D  
S<sub>DS</sub> = 1.710  
S<sub>DS1</sub> = 0.977  
Seismic Design Category D  
Signs & Structures, R = 3.50 (per Table 15.4-2)  
V = (C<sub>s</sub>)W = 0.824W  
4. Vertical Loads: Self-weight as noted on schedules  
5. Ground Snow Load P<sub>g</sub> = 10 psf  
6. Flood Design: Not considered  
7. Provide min 2"-0" separation from adjacent structures.  
8. Weight of scoreboards noted are approximate maximum weights & may vary, but shall not exceed noted weights.  
9. Weights of arch sign boards & Type A0, A0L, A0LO shall not exceed 45 psf.  
10. Weights of message centers shall not exceed 88 psf.  
11. All scoreboards, signs & message centers are of nominal thickness.

**SHEET INDEX**

**SHEET INDEX**

GENERAL NOTES AND SCHEDULES  
ELEVATIONS AND DETAILS  
FOUNDATION AND MARQUEE DETAILS

**SITE SPECIFIC SUBMITTAL REQ'S**

See OSA Policy 07-02 for additional instructions regarding use and application of this pre-check document. All site-specific submittals shall include:

- Completed DS-1 application and filing fee and copy of the Pre-Check Document.
- Site plan showing location of structures to be constructed on the site. The plan shall include the three-column Three Column or Marquee Assembly Schedule number. Location of scoreboards shall be identified. Electrical panel serving the scoreboard shall be noted and identified.
- Assemble drawings for each structure and specify an accessible path of travel & egress for each structure. The drawings shall include the following information:  
1. Provide on elevation of proposed scoreboard identifying all installed display components, signage and truss. All such components shall be as identified in the pre-check document. All element weights shall be specified.  
2. Provide on elevation of proposed scoreboard identifying all installed display components, signage and truss. All such components shall be as identified in the pre-check document.  
3. Provide on elevation of proposed scoreboard identifying all installed display components, signage and truss. All such components shall be as identified in the pre-check document.  
4. Provide on elevation of proposed scoreboard identifying all installed display components, signage and truss. All such components shall be as identified in the pre-check document.  
5. Provide on elevation of proposed scoreboard identifying all installed display components, signage and truss. All such components shall be as identified in the pre-check document.  
6. Site specific seismic design criteria shall be provided on drawings. These may be obtained using the "Iron ground motion parameter calculator/download form: <http://www.khanhvuong.com/iron-ground-motion-parameter-calculator/download-form>  
7. Site specific base design wind speed and site exposure shall be provided on the drawings.  
8. Instructions in Assembly Occupancies are not allowed under this PC.

910/415-9100  
3301 E St.  
Sacramento, CA 95816  
www.dhcc.com

British Pelton  
& Associates, Inc.  
Consulting Engineers



NEVCO  
301 East Heria Avenue  
Greenfield, CA 95246  
Tel: (925) 831-5300  
Fax: (925) 831-5300  
www.dhcc.com

OSHA APPROVAL SET  
PRE-CHECK (PC) DOCUMENT  
CODE: 2010

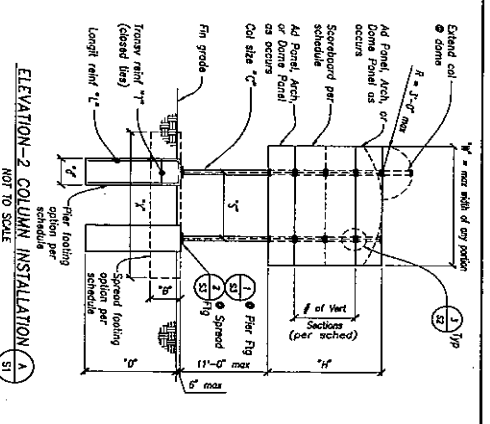
OSHA PROJECT APPLICATION  
FORM 306 (REV. 12/10)  
DATE: 02-27-2012  
PROJECT: 11-065

GENERAL NOTES  
DATE: September 24, 2012  
DRAWN: JPP  
CHECKED: MMW  
SCALE: AS SHOWN

PROJECT: 11-065  
SHEET: CVR

CHECK OPTION	ASSEMBLY CRITERIA		RIB FOOTING CRITERIA		SPREAD FOOTING CRITERIA	
	Assembly Height	Assembly Spacing	Col. dia	Pier dia	Length	Width
8'-0"	5.8'-0"	6'-0"	36"	36"	11'-0"	11'-0"
10'-0"	5.12'-0"	6'-0"	36"	36"	12'-0"	12'-0"
12'-0"	5.12'-0"	6'-0"	36"	36"	13'-0"	13'-0"
14'-0"	5.12'-0"	6'-0"	36"	36"	14'-0"	14'-0"
16'-0"	5.12'-0"	6'-0"	36"	36"	15'-0"	15'-0"
18'-0"	5.12'-0"	6'-0"	36"	36"	16'-0"	16'-0"
20'-0"	5.12'-0"	6'-0"	36"	36"	17'-0"	17'-0"
22'-0"	5.12'-0"	6'-0"	36"	36"	18'-0"	18'-0"
24'-0"	5.12'-0"	6'-0"	36"	36"	19'-0"	19'-0"

SCOREBOARD(S)	HEIGHT	WIDTH	NUM. WT.	VERT. SPAC.
P20-10	2'-0"	8'-0"	60	1
P20-10	2'-0"	10'-0"	80	1
1810/1620/2650	4'-0"	10'-0"	150	1
1255	5'-0"	10'-0"	200	1
9660	5'-0"	12'-0"	235	2
1532/3502	8'-0"	16'-0"	319	2
5525	8'-0"	16'-0"	319	2
P20-16	2'-0"	18'-0"	110	1
1602/2652/3528	5'-0"	18'-0"	459	2
1335	7'-0"	18'-0"	459	2
2820	10'-0"	18'-0"	459	2
1620/1624	2'-0"	18'-0"	120	1
1620/1620/2650/3514	8'-0"	18'-0"	482	2
3225	9'-0"	18'-0"	522	2
7650/7614/7624	10'-0"	18'-0"	522	3
7650	10'-0"	18'-0"	522	3
1506/2615/3517/3518	8'-0"	24'-0"	632	2
1519/7630/7631/7632	8'-0"	24'-0"	749	2
3685/7685	10'-0"	24'-0"	792	3
7605/7615/7625	10'-0"	24'-0"	792	3



**NEVCO**  
301 East North Avenue  
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Phone: 616.664.0380  
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**Borish Palmon & Associates, Inc.**  
3001 E. St., Suite 3516  
Ann Arbor, MI 48106  
www.borishpalmon.com

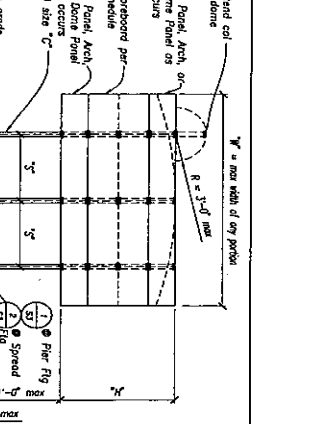
### SPECIFICATIONS

#### THREE COLUMN ASSEMBLY SCHEDULE

CHECK OPTION	ASSEMBLY CRITERIA		RIB FOOTING CRITERIA		SPREAD FOOTING CRITERIA	
	Assembly Height	Assembly Spacing	Col. dia	Pier dia	Length	Width
24'-0"	5.8'-0"	6'-0"	36"	36"	19'-0"	19'-0"
22'-0"	5.12'-0"	6'-0"	36"	36"	18'-0"	18'-0"
20'-0"	5.12'-0"	6'-0"	36"	36"	17'-0"	17'-0"
18'-0"	5.12'-0"	6'-0"	36"	36"	16'-0"	16'-0"
16'-0"	5.12'-0"	6'-0"	36"	36"	15'-0"	15'-0"
14'-0"	5.12'-0"	6'-0"	36"	36"	14'-0"	14'-0"
12'-0"	5.12'-0"	6'-0"	36"	36"	13'-0"	13'-0"
10'-0"	5.12'-0"	6'-0"	36"	36"	12'-0"	12'-0"
8'-0"	5.12'-0"	6'-0"	36"	36"	11'-0"	11'-0"

#### THREE COLUMN INSTALLATIONS

SCOREBOARD	HEIGHT	WIDTH	NUM. WT.	VERT. SPAC.
1806/2615/3517/3518	8'-0"	24'-0"	632	2
3519/7630/7631/7632	8'-0"	24'-0"	749	2
3685/7685	10'-0"	24'-0"	792	3
7605/7615/7625	10'-0"	24'-0"	792	3
3604/3597	10'-0"	32'-0"	932	2

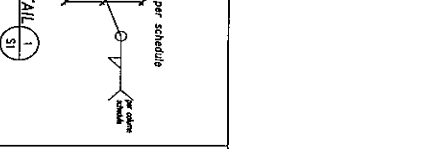


**DSA APPROVAL SET**  
P.R.C.-CHECK (P.O.) DOCUMENT  
CODE: 2010  
A stamped approval is required for construction to proceed.

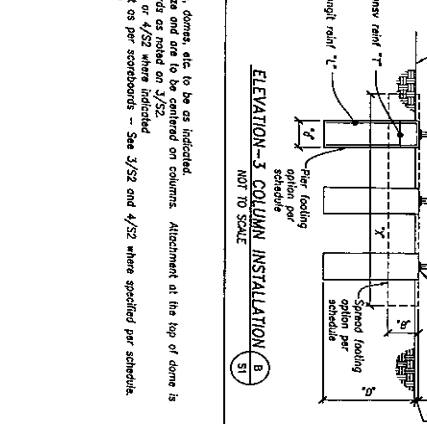
**DRYDEN**  
1415 W. Main Street  
PO Box 113333  
Ann Arbor, MI 48106  
DATE: 3-27-2012

#### COLUMN SCHEDULE

COLUMN SIZE	BASE PLATE		ANCHOR BOLT	
	Thickness	Dimensions	Spacing	Distance
W10x23	1/2"	14"x14"	4" F1924	14"
W10x19	1/2"	16"x16"	4" F1924	14"
W12x33	1/2"	18"x18"	4" F1924	14"
W14x30	1/2"	20"x20"	4" F1924	14"
W14x39	1/2"	20"x20"	4" F1924	14"
W16x30	1/2"	24"x24"	4" F1924	14"
W16x42	1/2"	28"x28"	4" F1924	14"



- NOTES:**
- Dimensions of signs, message centers, domes, etc. to be as indicated.
  - Domes are either 2" or 3" radius in size and are to be centered on columns. Attachment at the top of dome is to be per typical mounts for scoreboards as noted on 3/52.
  - Arch sign board to mount per 3/52 or 4/52 where indicated.
  - Ad Panel sign AOD and ACD to mount as per scoreboards - See 3/52 and 4/52 where specified per schedule.
  - Ad Panel sign ACD to mount per 7/32.



**Elevations and Schedules**

DATE: September 24, 2012  
DRAWN: JPP  
CHECKED: LMW  
JOB NO: 11-055  
SHEET: S1

916-418-9100  
 3001 E. St. CA  
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**Borish Pelham & Associates, Inc.**  
 Consulting Engineers

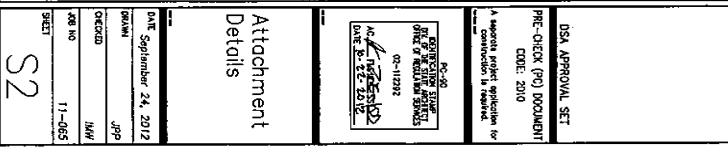
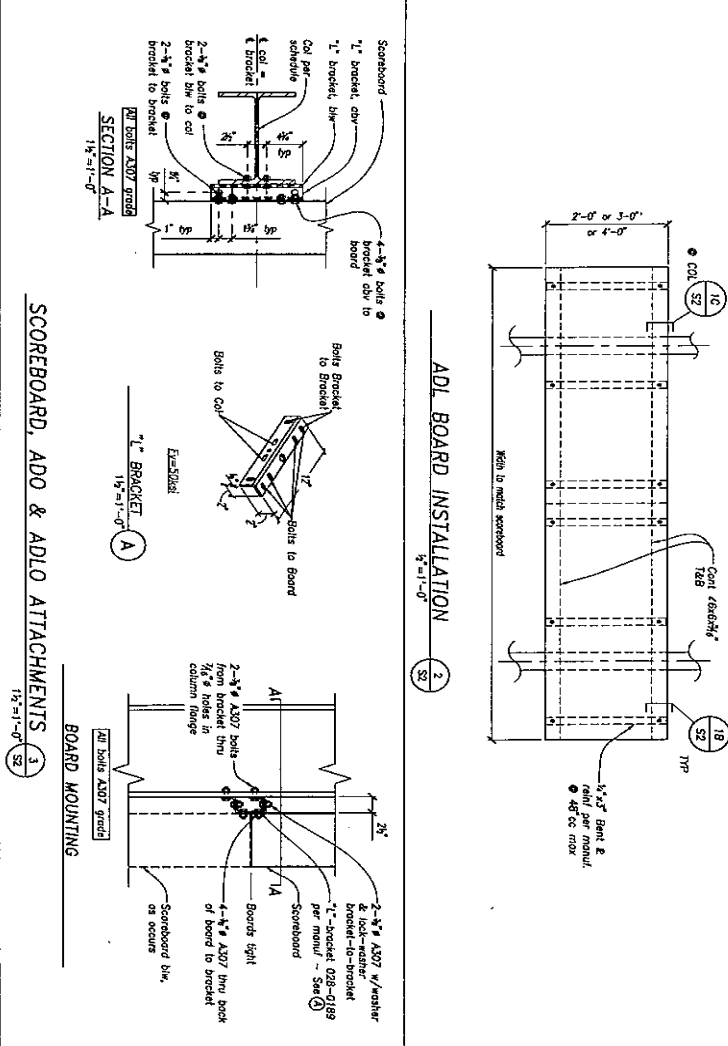
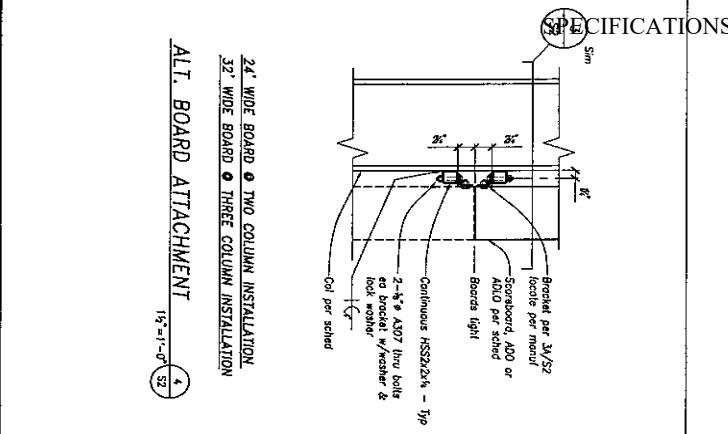
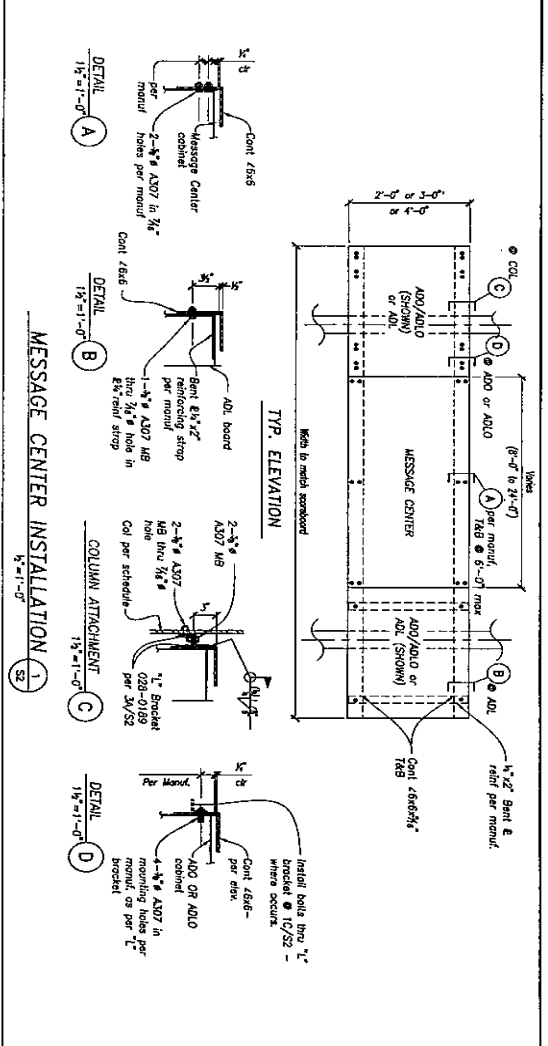
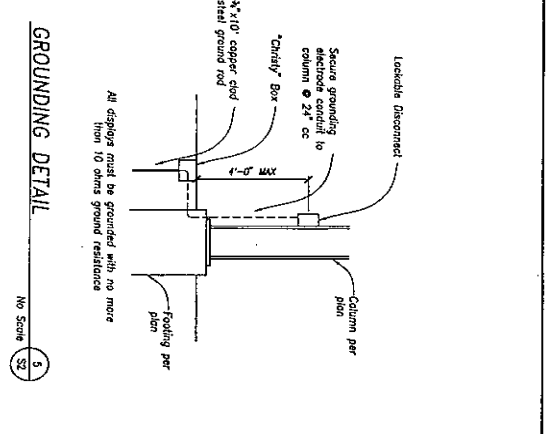


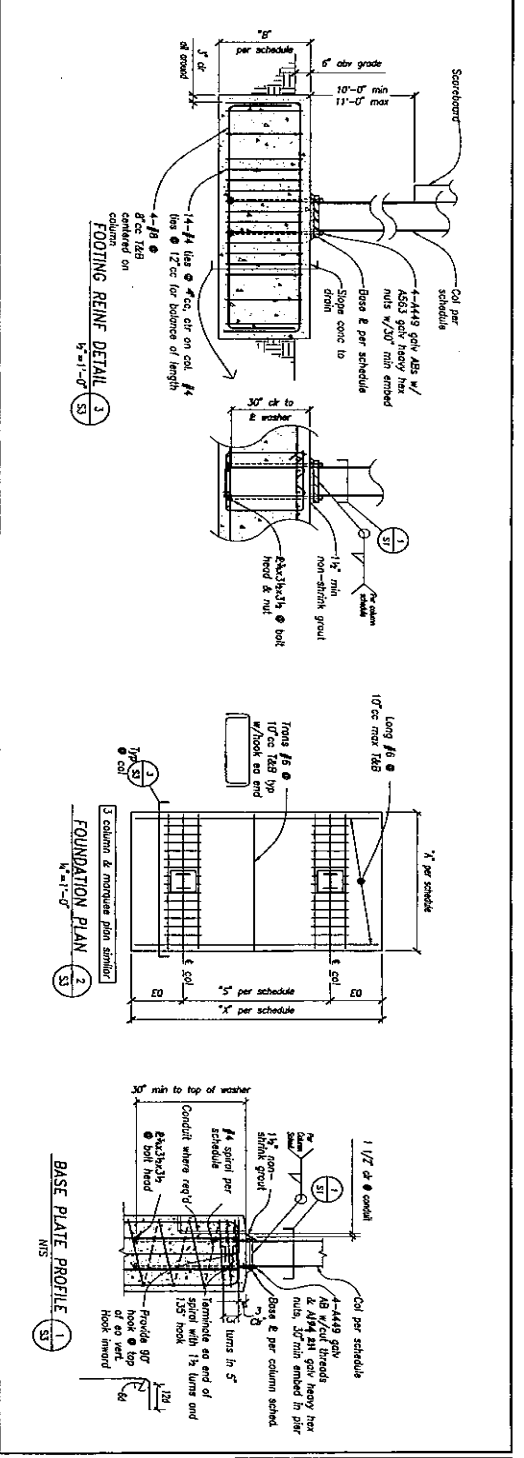
**NEVCO**  
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 Roseville, CA 95746  
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 Fax: 916-781-4040  
 www.nevco.com

DSA APPROVAL SET  
 PRE-CHECK (PO) DOCUMENT  
 CODE: 2010

30-02  
 2010  
 PRE-CHECK (PO) DOCUMENT  
 CODE: 2010

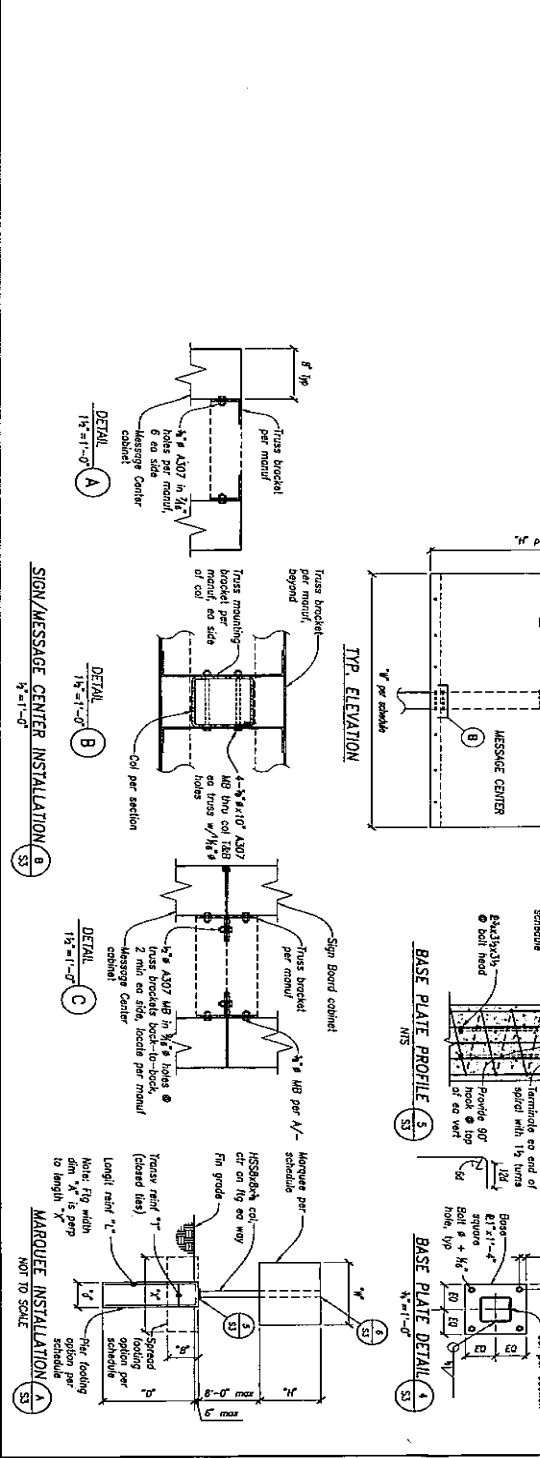
Attachment  
 Details  
 DATE: September 24, 2012  
 DRAWN: JPP  
 CHECKED: JMW  
 JOB NO: 11-065  
 SHEET: S2





**MARQUEE ASSEMBLY SCHEDULE**

ASSEMBLY PART NO.	DESCRIPTION	QTY	UNIT	ASSEMBLY HEIGHT	PER	LONG	TRANS	HEIGHT	DEPTH	LENGTH
100	BASE FOOTING	24	ft	8'-0"	ft	8'-0"	ft	8'-6"	ft	3'-0"
101	SPREAD FOOTING	24	ft	8'-0"	ft	8'-0"	ft	8'-6"	ft	3'-0"
102	FOUNDATION	24	ft	8'-0"	ft	8'-0"	ft	8'-6"	ft	3'-0"
103	FOUNDATION	24	ft	8'-0"	ft	8'-0"	ft	8'-6"	ft	3'-0"



**USA APPROVAL SET**  
 PRE-CHECK (P) DOCUMENT  
 CODE: 2010

**NEVCO**  
 301 East Hunt Avenue  
 Glenview, IL 60026  
 Phone: 815.854.0250  
 www.nevco.com

**Barish Palmon & Associates, Inc.**  
 Consulting Engineer

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 Glenview, IL 60026  
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 www.barish.com

DATE: September 24, 2012  
 DRAWN: JPP  
 CHECKED: M/W  
 SHEET: 11-065

**Foundation and Marquee Details**

**S3**

**TELESCOPIC SEATING****1. Part 1 General****1 .1. Work**

- A. Telescoping gymnasium bleachers shown in architect's plans and specifications as manufactured by Interkal of Kalamazoo, MI,
- B. **Related Work**
  - 1. Electrical.
  - 2. Gymnasium flooring.

**1 .2. References**

- A. Applicable building code. IBC 2013.

**1 .3. Description of the System**

- A. The bleacher system shall be comprised of multiple tiered, closed deck seating rows operating in a telescopic manner, incorporating the most economical quantity of sections while still complying with all loading requirements.
- B. The first moving row shall be secured with friction or mechanical locks. Other rows shall be mechanically locked, operable only upon unlocking and cycling the first row, quantity of row locks to be determined by Interkal engineering.
- C. Each bleacher row shall be comprised of risers, seat and deck components and a complete set of supportive columns and braces.
- D. The telescopic bleacher shall incorporate a locking system permitting the use of one, several, or all rows, each locked in the extended position.

**1 .4. Quality Assurance**

- A. Products and materials to be provided are to be from manufacturers regularly engaged fulltime in the manufacture or production of this and similar items, with a history of successful manufacture or production acceptable to the Owner. Additional documentation shall include:
  - a) Evidence of a pre-approval (PC) by the Division of the State Architect Office of Structural safety, including Approval "A" number. Bleacher systems which have not been preapproved by DSA will not be acceptable,
  - b) In addition to complying with pertinent codes and regulations, comply with industry and trade standards normally associated with this product or material, except where product or material is superior in quality to industry trade standards.
- B. Engineering. It shall be mandatory that each bidder submit with their bid an affidavit signed by a Registered Professional Engineer stating that the product to be supplied has been tested by an independent testing facility and meets all applicable code requirements.
- C. Deviation: It will be the responsibility of the bidder to furnish with his bid a list and clarification of deviations from this specification. Those bidders not

submitting a list of deviations will be deemed to have not in accordance with these specifications.

- D. Insurance Coverage: Bidder shall submit manufacturer's certification of insurance coverage for the life of the product. Product Improvements: Seating provided shall incorporate manufacturer's design improvements and materials current at time of shipment.
- E. Product Improvements: Seating provided shall incorporate manufacturer's design improvements and materials current at time of shipment.
- F. Manufacturers warranties shall pass to the Owner and certification made that the product materials meet all applicable grade trademarks or conform to industry standards and inspection requirements.

#### **1 .5. Guarantees**

- A. Provide under provisions of Division 01
- B. Limited Guarantee: The manufacturer shall guarantee all work performed under these specifications to be free from defects for a period of one (1) year, plus an additional four (4) year extended warranty as follows:
- C. Extended warranty for materials and labor for years 2 - 5 shall be contingent upon Owner performing annual inspections in accordance with ICC-300.
- D. Annual Inspections shall be performed by a technician/installer trained and certified by the manufacturer.
- E. Product Improvements
- F. Seating provided shall incorporate manufacturer's design improvements and materials current at time of shipment.

#### **1 .6. Submittals**

- A. Manufacturers Product Data
- B. Provide manufacturer's product literature, technical specifications including materials, components, fabrication, and finish prior to actual field installation work for Architect or Owner's Representative review.
- C. Shop Drawings
  - 1. Provide drawings of manufacturers recommended installation and foundation requirements prior to actual field installation work for Architect or Owner's Representative review.
  - 2. Coordination Drawings: Layout plans and elevations indicating extent of gym equipment with flooring surface systems.
  - 3. Shop drawings showing layout, elevations, dimensions, fabrication details, method of attachment, loads to be transmitted to building structural members, requirements for supplementary bracing or structural support members and electrical wiring diagrams.
- D. Manufacturer must provide calculations and reports for tests preformed by an independent testing laboratory accredited by the American Association of Laboratory Accreditation (A2LA) that clearly demonstrate compliance with minimum safety factors included in product specifications.

- E. Samples of fabric for selection by Architect.
- F. Manufacturer's installation and maintenance instructions

**1 .7. Design Criteria**

- A. Telescopic bleacher design and fabrication shall conform to IBC 2013 and ADA requirements.
- B. Telescopic gymnasium seating shall be designed to support a vertical live load of 100 PSF. Foot and seat boards shall be designed for a 120 PLF live load and, as a separate load case, a 300 LBS concentrated load. Seating shall also be designed to carry a horizontal sway force of 24 PLF parallel to the seating and 10 PLF perpendicular to the seating.
- C. Steel components shall be cold-formed from appropriate width coil conforming to A1011 SS Grade 30, ASTM A653 - Grades 33, 40 and 50, ASTM A500 - Grade B 46 KSI as applicable.
- D. Lumber components are kiln dried, finger jointed, edge glued southern pine of grade "B & B Finish" manufactured to the current SPIB glued-laminated standards for southern pine.
- E. Plywood deck boards shall be fabricated from Douglas Fir Premium Underlayment with exterior glue, 5 ply minimum, solid cross band directly under face ply, species Group 1 and manufactured in accordance with APA grade trademarked PS 1.

**2. Part 2 MANUFACTURERS**

- A. Products of the following manufacturer have been DSA approved and form the basis of design and standard of quality:  
**Interkal Telescoping Bleachers**
- B. Substitutions: Products of other manufacturer's may be considered equivalent provided they meet or exceed requirements of this specification Substitutions shall be in accordance with Div 01 of the contract documents. The District or District's representative shall be the sole judge of the equivalency of any proposed substitution. Where manufacturer's offer more than one model, provide the premium model. Acceptable substitutions shall be subject to part section for substitutions specifications.
- C. Delivery, Storage and Handling
- D. Materials delivered to the site shall be examined for concealed damage or defects in shipping. Any defects shall be noted and reported to the Owner's Representative. Replacements, if necessary, shall be immediately re-ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above the ground under protective cover or indoors so as to provide proper protection.

**3. Part 3 Products**

**3 .1. MANUFACTURERS**

- A. Products of the following manufacturer have been DSA approved and form the basis of design and standard of quality:

**Interkal Telescoping Bleachers****Local Representative is CA Facility Specialties, Inc. at 909-599-1200**

- a. Substitutions: Products of other manufacturer's may be considered equivalent provided they meet or exceed requirements of this specification. Substitutions shall be in accordance with Div 01 of the contract documents. The District or District's representative shall be the sole judge of the equivalency of any proposed substitution. Where manufacturer's offer more than one model, provide the premium model. Acceptable substitutions shall be subject to part section for substitutions specifications.
- B. Delivery, Storage and Handling
  - a. Materials delivered to the site shall be examined for concealed damage or defects in shipping. Any defects shall be noted and reported to the Owner's Representative. Replacements, if necessary, shall be immediately re-ordered, so as to minimize any conflict with the construction schedule. Sound materials shall be stored above the ground under protective cover or indoors so as to provide proper protection.
- C. Telescopic seating as manufactured by Interkal, Kalamazoo, Michigan, is the standard of quality required and specified herein.
- D. Only with the approval of the Architect will allow substitutions for materials specified; (see General Conditions for procedures).
- E. The work has been designed and detailed based upon the first specified manufacturer's materials equipment, products, sizes, colors, etc. Contractors are advised that any and all modifications to be contractor's scope of work or to new or existing work resulting from the contractor's approved substitution request shall be the sole responsibility of the contractor and shall be performed by contractor at NO additional cost to the client/district.
- F. Contractor shall notify architect, prior to bid time, of any items which are obsolete or will not be available for use in this project.
- G. If the contractor's approved substitution request is a different size than the specified item, contractor shall adjust all supporting and surrounding construction as directed by the architect and as required for the different size item, all at NO additional cost to the client/district.
  - a. Telescopic seating as manufactured by Interkal, Kalamazoo, Michigan, is the standard of quality required and specified herein.

**3.2. Materials**

- A. Model
  - 1. Interkal, closed deck telescopic bleacher.
- B. Type
  - 1. Wall Attached
  - 2. Free Standing / Portable
  - 3. Reverse Fold
- C. ADA



1. Notchouts. Provide 3'-0 1/4" wide wheel chair spaces as shown on the plans and as required to meet local code jurisdiction compliance with ADA. Notchouts to be 1 row deep.
- D. Dimensions
1. Rise per row. 10.25", 11 1/2"
  2. Row to row spacing. 22", 24", 26", 30", 32", 33"
- E. Propulsion
1. Friction Power. Furnish Interkal friction power, integral automatic electro-mechanical propulsion system to open and close telescopic seating system. Operation shall assure full visual control of the seating bank. The Wide Track System incorporates two friction drive roller assemblies as an integral part of both first row vertical column assemblies. Each section of bleacher shall have a power system that shall consist of two vertical column roller assemblies which shall include two 6" diameter by 2 1/2" wide cast drive wheels for a minimum of four friction roller contact points per section of bleacher. Each roller shall have a specially formulated 45-durometer rubber covering to grip the floor as the units roll in and out. The two friction drive roller assemblies shall be installed a minimum of 7' apart per section. The two friction roller assemblies are linked together by a continuous drive shaft driven by a 1/2 H.P. 208 volt 3-phase motor that shall enable the rollers to work simultaneously, resulting in a more efficient operation with allowance for minor variations in the floor surface. All floor friction power systems shall be controlled by a dual directional, removable walk along pendant which plugs into the front of the first row to give the operator proper position for visual control. The pendant control voltage shall be 24 VAC @ less than 50 mA for the safety of all operating personnel. **The entire power system shall be U.L. Recognized.** A 208 volt 3-phase power source, including conduit, wiring, and safety disconnect must be provided by others. The electrical contractor shall perform the connections to the seating equipment at the safety disconnect. Motors, housing, and wiring shall be installed by certified personnel.
  2. Manual - Furnish one pair of operating handles to attach under the first row kick board for manual operation.

### 3.3. Accessories

- A. Remote control - A remote control with advanced wireless technology that offers added flexibility for operator location to monitor fast and efficient bleacher operation. Each bleacher bank is equipped with an integral receiver, set with individual frequencies to ensure the intended operation of each individual bank.
- B. An easy-to-use touch screen controller assists the operator with optimal convenience in remotely controlling bleachers.
- C. Pendant control
- D. Timer's Table

- a. Provide 1 of the manufacturers' standard 15" x 96" timer tables that can be utilized at any location. Remove the legs for on-deck storage.
- E. Foot Level Aisles
  - a. Provide footrest level aisles at locations and sizes as shown on plans and approved shop drawings.
- F. Center Aisle. Provide a permanently attached aisle-rail which is designed to turn 90 degrees when the system is closed. The aisle rail shall incorporate an automatic locking device in either the used or stored position. The use of locking hardware requiring tools to tighten the aisle rail is not acceptable.
- G. Intermediate Steps. Provide manufacturers' standard intermediate step as necessary per applicable code.
- H. Accessible Seating
  - a. Notchouts. Provide manufacturers' standard permanent handicap notchouts (3'-0 1/4" wide) located as shown on architectural plans. Notchouts must be located at section joints only to avoid interference with understructure. Fascia panels shall have manufacturer's standard polydeck finish to match deck board surface. Notchouts to be 1 row deep.
- I. Self-Storing End Rails
  - a. Provide steel self-storing 42" high self-storing end guard rails with tubular supports and vertical intermediate members to comply with all code requirements. Rails shall be fitted to each exposed bank end from third row and above with all steel to steel connections. Finish shall be a black polyester powder coat.
- J. Video Platform shall consist of 19/32" nominal Douglas Fir C-C grade plywood with exterior glue and solid cross bands. Tongue and Groove deck boards are unacceptable. An extruded aluminum "H" connector shall be placed between plywood panels. Exposed wear surfaces shall be finished with a layer of high Density polyethylene plastic .025 - .030 thick, Light Gray in color, complimentary to the seat option. Deck finishes, such as clear coat, requiring more than simple touch up to restore it to a new appearance after wear occurs are unacceptable
- K. Aisle End cap logos
  - a. Each end of each seating row a decorative graphic logo that is applied to the molded end cap recess area of the seat module. Logo shall be with full color print ready vector art output on archive printing material. Logo shall be laminated with a laminate bonded to a adhesive layer, trimmed to a precise custom cut shape or design with mounting holes.
  - b. Signature logo shall provide for main seating, block letter logo in to (2) additional colors. The logo shall be visible when the bleachers are in the stored position.
- L. Vinyl Curtain
  - a. Provide 2 of the manufacturers standard vinyl end curtains to close off under the bleacher units in the extended position. Curtain color is to be determined.

### **3.4. Fabrication**

- A. Continuous Wheel Channel

1. Wheel channels shall consist of a one piece formed steel channel welded to the base of a vertical column. Wheel channels accommodate 8 to 12 wheels per row for maximum weight distribution and operating ease. The number of wheels increases as the number of rows increase.
- B. Wheels
1. 3-1/2" diameter with 1-1/8" non-marring soft rubber face with rounded edges designed to protect wood or synthetic floor. Provide 1/2" diameter axle for all wheels.
- C. Columns
1. Electrically welded closed rectangular steel tube, 2" x 3" minimum size, fitted with a rear welded gusset at the wheel channel.
- D. Row Interlocks
1. Join each row structure front to rear by means of two (2) interacting steel connections, plus automatic gravity row locks where Engineering determines they are required.
  2. Lower track guides shall be an external superslide rod to guarantee positive engagement of vertical supports without binding and assures smooth operation over uneven floor conditions. Superslide shall be mounted to the side of the wheel channels to limit the possibility of damage.
  3. Upper track guides shall completely interlock adjacent understructure support. A welded stop to ensure correct extension of bleacher unit on deck support. Use of bolt and nut stops is not acceptable, due to risk of loosening.
- E. Diagonal Braces
1. Structural formed steel truss fitted to rows 4 and beyond. Bracing shall be attached to the rear riser at optimum locations to insure structural integrity. Bracing shall be designed and shaped to support a minimum load of 1000 LBS of both compression and tension forces created when the bleacher is loaded.
- F. Deck Supports
1. Shall be of structural steel, 11 gauge spaced not greater than 60" on center for maximum deck stiffness. Every deck support not attached to a vertical post shall have an integral nylon roller to avoid steel to steel friction points for more efficient operation.
- G. Decking
1. All deck boards shall consist of 19/32" nominal Douglas Fir C-C grade plywood with exterior glue and solid cross bands. Tongue and Groove deck boards are unacceptable. An extruded aluminum "H" connector shall be placed between plywood panels. Exposed wear surfaces shall be finished with a layer of high Density polyethylene plastic .025 - .030 thick, Light Gray in color, complimentary to the seat option. Deck finishes, such as clear coat, requiring more than simple touch up to restore it to a new appearance after wear occurs are unacceptable.

- H. Welds
  - 1. All welds shall be made at the factory by welders that are qualified in accordance with AWS D1.3 for the equipment and process used.
- I. Nose Beam
  - 1. Shall be one-piece 13-gauge galvanized steel. 13-gauge steel is utilized for the necessary structural integrity to accommodate section lengths up to 26'.
- J. Rear Riser
  - 1. Shall be one piece formed 14-gauge, grade 40, galvanized steel, with a continuous access joint to fully encapsulate footrest panel for ease of cleaning and additional structural support. 14-gauge roll formed steel is utilized for the necessary structural integrity to accommodate section lengths up to 26'.
- K. Splice Plates
  - 1. Each section joint shall be tied together with two structural steel members per row, employing a minimum of four steel to steel through bolt connections at the nose beam and a minimum of eight steel to steel through bolt connections at the lower steel rear riser. Gauge of splice plates to match the gauge of the nose beam and rear riser. Splice plates employing steel to plywood deck board attachments will not be acceptable. In order to minimize deflections and keep rows in alignment during operation, splice connections shall transfer both axial loads (tension/compression) and bending.
- L. Fasteners
  - 1. All structural connections shall be made with S.A.E. grade 5 or better stress rated bolts. The use of self-tapping bolts is not acceptable.
- M. Platform Finish
  - 1. Steel Understructure abraded, cleaned and finished with russet brown water base acrylic paint.

### 3 .5. Seat Options

- A. Sculpture Seat Modules (SSM)
  - 1. 18-inch wide one-piece individual seating modules shall be constructed of high-density polyethylene. Provide in 10" depth.
  - 2. Each module shall have two longitudinal and five transverse internal ribs to provide additional structural integrity and resistance to impact.
  - 3. Each module shall have a full ½" interlock to the adjacent module both around the perimeter and along the internal ribs to eliminate pinching hazards and assures proper alignment.
  - 4. A steel-to-steel attachment of each module to a minimum 13 gauge galvanized steel nose beam shall be provided for maximum rigidity. All such mounting hardware shall be concealed.
  - 5. End caps shall be provided at the ends of each bank (section, if manual) of seating as well as at each aisle.

6. Each module shall have a recessed area for optional seat numbering.
7. Select from manufacturers 15 standard solid colors.
- B. Platform Chair
  1. Manual
  2. Semi-Automatic
  3. Optional padded onserts
- C. Wood
  1. Seats and front risers shall be 4/4" nominal thickness x 10" nominal depth, kiln dried, finger-joined and edge glued, Southern Yellow Pine Grade "B and Better" in conformance with S.P.I.B. Glued Lumber Standards.
  2. Solid wood boards, which are more subject to cracking, checking, warping, cupping, and bowing than are laminated boards or mixed lumber species, are unacceptable.
  3. All boards to be smooth sanded and sealed with a moisture resistant urethane followed by a second coat of high gloss urethane.
- D. Backrest Options with SSM
  1. Backrest – Manually operated, folding backrest, injected molded counter
  2. Comfoback – Fully automatic operation - backrest in raised and lowered with no required labor. Injection molding, 18"W, ergonomically designed contoured back with superior comfort.

#### **4. Part 4 Execution**

##### **4 .1. Inspection**

- A. Areas to receive seating must be free from impediments interfering with installation.
- B. Installation shall not begin until building conditions are satisfactory.

##### **4 .2. Installation**

- A. All seating shall be installed in accordance with manufacturer's instructions and approved submittal drawings.
- B. All seating shall be adjusted for smooth and proper operation.
- C. Clean seating and remove all debris resulting from installation.



## Application Summary

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Office ID:02

Application #:111862

File #:PC

**Project Name:** Pc Bleacher (interkal Llc)

**Project Scope:** Construction of 1-Bleachers (indoor)

**Address:**Na

**City:**Na

**Zip:**00000

**PTN #:**N/A

**OPSC #:**

**# Of Incr:**0

**Project Type:** SPECIAL

**Project Class:**N/A

**Special Type:**

**Estimated Amt:** \$0.00

**Contracted Amt:** \$0.00

**Change Order Amt:** \$0.00

**Adj Est.Date#1:**

**Adj Est.Amt#1:**\$0.00

**Final Project Cost:** \$0.00

**Adj Est.Date#2:**

**Adj Est.Amt#2:**\$0.00

**Received Date:**3/29/2011

**Appr. Date:**10/28/2011

**Appr. Ext. Date:**

**Closed Date:**

Incomplete Submittal

**Complete Submittal Received Date:**

**SB 575**

New Campus

Modernization

**Required**

**Included In Plan**

**Auto Fire Detection**

**Sprinkler System**

**Required review services**

Access Compliance

Structural Safety

Fire & Life Safety

Field Review

HPS

CGS Review

**Special review type**

Class.S Reduction

Over the Counter

Concurrent Review

Incremental Review

**Energy Efficiency**

- The Plan meet Title 24 Energy Requirements
- Project's new construction exceeds Title 24 by 0 %
- Project's modernization exceeds Title 24 by 0 %

Climate Zone: 0

Project's Sq.footage:0

EPR Approved Date:

HPI:

HPI Points:

HPI Hours:

Energy Notes:

Client's\*\*\*PC invoice for \$98.00 paid on 04/02/2012 (aom)\*\*\* \*\*\*PC invoice for \$852.00 paid on 07/14/2011  
Notes:(aom)\*\*\*

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## **SPECIFICATIONS GLOBAL DESIGN SERIES PLATFORM CHAIR (GDS-PC)**

### **1. GENERAL SCOPE**

Global Design Series Platform chairs shown in architect's plans and specifications as manufactured by Interkal, Kalamazoo, MI, or equal and approved by the architect.

### **2. DESCRIPTION OF SYSTEM**

The platform chairs shall be comprised of double wall, blow molded, high-density polyethylene seats and backs. The plastic seats shall be attached to heavy gauge steel brackets and mounted to die cast aluminum arm posts that are secured to a steel horizontal mounting beam.

### **3. QUALITY ASSURANCE**

A. Deviations: It will be the responsibility of the bidder to furnish with his bid a list clarifying any deviation from these specifications, written or implied, in order that a fair and proper evaluation be made. Those bidders not submitting a list of deviations will be presumed to have bid as specified.

B. Limited Guarantee: The manufacturer shall guarantee all work performed under these specifications to be free from defects for a period of one year.

C. Product Improvements: Seating provided shall incorporate manufacturer's current design improvements at time of shipment.

### **4. DESIGN CRITERIA**

01. In the mounted position the chairs shall be designed to withstand, without damage to components, the forces from the following:

A. Swinging Impact Test of two forty-pound sandbags impacting the chair 60,000 times.

B. Vertical Drop Test of a forty-pound sandbag dropped 100,000 times on the seat pan.

C. 600 lbs. evenly distributed on the seat pan.



- D. 350 lbs. evenly distributed to the front of the chair back.
02. Chair materials, finish, strength and operating test results to be certified by an independent testing laboratory. (Reports available)

## **5. MATERIALS/FABRICATION**

01. Seats and Backs: Seat and back shall be one piece, double wall, blow molded, high-density polyethylene with a nominal wall thickness of .125" per wall. Material shall be color pigmented with selected manufacturer's standard colors.
02. Seat and Back Supports: Seat and back supports shall be 11 gauge steel brackets attached to the seat and back with screws threaded into inserts. Stafast insert nuts to be molded into the plastic seat and back to achieve torque and pullout strength requirements. Through fasteners are not acceptable. The supports shall pivot in nylon bushings engineered for maintenance free operations.
03. Chair Standards: The chairs shall be supported by die-cast aluminum standards. The standards shall be firmly attached to the steel chair mounting beams. The top of the armrest shall be designed to secure the plastic armrest.
04. Chair Operation:
- A. Semi-Automatic Chair Operation: Platform chairs to be attached to steel mounting beams in groups of up to 14 chairs. When the telescopic platform is opened, the chair groups shall be manually rotated into the upright locked position. The rise-up operation to be spring assisted to reduce manual effort required. When the telescopic platform is closed, the chairs shall automatically release from the upright position and lower to the stored position.
  - B. Manual Chair Operation: Platform chairs to be attached to steel mounting beams in groups of 2 to 5 chairs. Chairs are manually lowered to the stored position and manually raised into the upright, locked position.

## **6. FINISH**

01. Aluminum and steel components shall be chemically cleaned and finished with an electrostatic applied polyester powder coat finish. Color shall be Black.
02. Coat adherence shall be guaranteed to be free of defects in material and workmanship.

**7. ACCESSORIES**

01. Upholstered seats and backs: Seats and backs to receive upholstered inserts that are securely fastened to the blow-molded plastic seats and backs. Inserts include bases, polyfoam pads (1/2" in the seat and back) and standard fabric. No exposed fasteners will be permitted on the top of the seat pan or front of the seat back.

02. Row Numbers: Anodized aluminum plates 2-3/4" x 1-3/4" x .020" thick to be attached with pop rivets to the vertical arm post. Numbers shall be 1-1/4" high and finished in black.

03. Seat Numbers: Anodized aluminum seat number plates 2" x 5/8" x .020" thick with 7/16" black numbers shall be affixed with pop rivets for easy seat identification in the unoccupied condition.

**8. EXECUTION**

01. Inspection:

A. Areas to receive platform chairs must be free of obstruction interfering with the installation.

B. Installation shall not begin until conditions are satisfactory.

02. Installation:

A. Platform chairs will be installed in accordance with manufacturer's instructions and approved submittal drawings.

B. All platform chairs are to be adjusted for smooth and proper operation.

SPECIFICATIONS

**SPECIFICATIONS FOR  
GLOBAL DESIGN SERIES STADIUM CHAIR  
(GDS-SC)**

**1. GENERAL SCOPE**

01. Global Design Series Stadium Chairs, Model Number GDS-SC, shown in architect's plans and specifications as manufactured by Interkal, Kalamazoo, MI, or as approved by the architect.

**2. DESCRIPTION OF SYSTEM**

01. Chairs shall be available in 18" through 23" widths to accommodate capacity requirements. The Stadium Chairs shall operate freely and quietly and provide for comfort and safety of the occupant. The chairs shall use blow molded, high-density polyethylene seats and backs with U.V. inhibitors and high strength die cast aluminum standards for structural integrity and rust free usage.

**3. QUALITY ASSURANCE**

01. Deviation - It shall be the responsibility of the bidder to furnish with his bid a list clarifying any and all deviations from these specifications, written or implied, in order that a fair and proper evaluation be made. Those bidders not submitting a list of deviations will be presumed to have bid as specified.

02. Limited Guarantee - The manufacturer shall guarantee all work performed under these specifications to be free from defects for a period of one year.

03. Product Improvements - Seating provided shall incorporate manufacturer's current design improvements at time of shipment.

**4. DESIGN CRITERIA**

01. In the mounted position the chairs shall be designed to withstand, without damage to components, the forces from the following:

A. Swinging Impact Test of two forty pound sandbags impacting the chair back 60,000 times.

B. Vertical Drop Test of a forty pound sandbag dropped 100,000 times on the seat.

C. Oscillating Test - The seat shall be opened mechanically and released to oscillate to the 3/4 fold position 420,000 times without failure in accordance with ASTM 851-87.

D. 600 pounds evenly distributed on the seat assembly.

E. 350 pounds evenly distributed to the front and then to the back of the chair back.

F. Arm Load Test - Vertical static load test of 250 pounds and lateral static force of 200 pounds.

## SPECIFICATIONS

02. Chair materials, finish, strength and operating test results to be certified by an independent testing laboratory.

### **5. MATERIALS/FABRICATION**

#### 01. Seats and Backs:

- A. Seat and back shall be one piece, double wall, blow molded, high density polyethylene plastic with a nominal thickness of .125".
- B. Seat and back surfaces shall be free of all external reinforcement ribs and shall be anatomically designed with lightly textured surfaces radii used vertically and horizontally for occupant comfort and safety.
- C. Material shall be color pigmented with manufacturer's standard colors, which shall include ultra-violet inhibitors for indoor or outdoor applications.

#### 02. Seat and Back Supports:

- A. Seat shall be attached to pivot arms with four truss head screws attached to threaded inserts.
- B. Back shall be attached to lugs cast integrally in the standards with four truss head screws attached to threaded inserts.
- C. Stafast insert nuts shall be molded into the plastic seat and back to achieve superior torque and pull out strength.
- D. There shall be no visible fastening hardware on the seating surface of the seat or back to detract aesthetically or to encumber the occupant with tearing of clothing or pinching hazards.
- E. Chairs with exposed attachment hardware on the seating surfaces shall be unacceptable.

#### 03. Seat Mounting/Hinge:

- A. The seat shall oscillate on Delrin bushings pivoting on a cross shaft for extended maintenance free operation.
- B. Cross shaft shall structurally interconnect both chair standards eliminating the plastic seat as the structural member between standards.
- C. The self-rising torsion spring shall be attached to the cross shaft and completely enclosed within the seat assembly.
- D. Unoccupied seat shall rest in the 3/4 fold position and accommodate a 110% fold position for spectator passage within a row.
- E. The chair envelope in the unoccupied position shall not exceed 13-15/16"

#### 04. Standards:

- A. Standards shall be 380 alloy die cast aluminum providing for rust free standards and providing arm rests that are cast as an integral part of the standards.

## SPECIFICATIONS

- B. Riser mounted standards shall accommodate a minimum of 8" to a maximum of 24" rise without additional attachment plates and floor mounted standards shall accommodate a level floor.
- C. Seat cross shaft attachment brackets shall be cast integrally into the standards.
- D. Each standard shall be designed to maintain proper and constant seat height and back pitch regardless of riser height.
- E. Standards shall be designed in such a manner that all integral protrusions shall shed liquids.

### **6. FINISH**

#### 01. Finish (Powder):

- A. All metal components shall be chemically cleaned.
- B. Finish shall be a polyester powder coating, electrostatically applied and capable of withstanding 500 hours of U.V., 500 hours salt spray and 500 hours of humidity without visible deterioration.
- C. Acrylic or enamel coatings shall not be acceptable.
- D. Colors shall be selected from manufacturer's standard colors.

### **7. ACCESSORIES**

#### 01. Seat/Row Numbers

- A. Anodized aluminum plates 3" x 1-3/4" x .020" thick shall be attached with rivets.
- B. Numbers/letters shall be 1-1/4" high and finished in weather resistant black and to be fitted in a vandal resistant recessed pocket.

#### 02. Seat Pan Numbers (Optional)

- A. Anodized aluminum seat pan number plates 2" x 5/8" x .020" thick with 7/16" black weather resistant numbers shall be affixed with rivets.
- B. Number plate shall be fitted in a vandal resistant recessed pocket and easily identified when the seat is in the unoccupied condition.

### **8. EXECUTION**

#### 01. Inspection

- A. Area to receive Stadium Chairs must be free of obstructions that interfere with the installation.
- B. Installation shall not begin until conditions are satisfactory.

#### 02. Installation

## SPECIFICATIONS

- A. Stadium Chairs to be installed in accordance with manufacturer's instructions and approved submittal drawings.
- B. All Stadium chairs to be adjusted to smooth and proper operation.

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 68 33.43)**

**Hammer/Discus Cages**

Specifier Notes: This section covers Gill Athletics, Inc. hammer cages. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Hammer Cages

Specifier Notes: Remove the following line if not specifying the use of a barrier net.

- B. Barrier Nets
- C. Ground Sleeves

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around ground sleeves and surrounding areas.
- C. Section 02535 (32 18 23) Athletic Surfacing: Applying track surface material to the surrounding

Hammer/Discus Cages

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## SPECIFICATIONS

areas.

- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to the surrounding areas.

### 1.3 REFERENCES

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NCAA – National Collegiate Athletic Association

### 1.4 DESIGN REQUIREMENTS

- A. Hammer/Discus Cages: Locate positions and orientations of hammer/discus cages and their ground sleeves on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide hammer/discus cages from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing hammer/discus cages similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, excavation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Hammer cages shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated every two years.

- 1. National Collegiate Athletic Association (NCAA).

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's

Hammer/Discus Cages

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instructions. Keep temporary protective <sup>SPECIFICATIONS</sup> coverings in place.

- C. Handling: Protect materials and finish from damage during handling and installation.

## 1.8 WARRANTY

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

## PART 2 PRODUCTS

### 2.1 MANUFACTURER

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

### 2. HAMMER/DISCIS CAGES

Specifier Notes: Specify the following paragraph for all hammer cages. Add model number, either **732100** – NCAA Hammer/Discus Cage, **732105** – NCAA Double Circle Hammer/Discus Cage, **732200** – NCAA Tall Hammer/Discus Cage, **732205** – NCAA Double Circle Tall Hammer/Discus Cage, **732210** – NCAA Tall Hammer/Discus Cage with 30ft Doors, or **732211** – NCAA Double Circle Tall Hammer/Discus Cage with 30ft Doors.

- A. Hammer/Discus Cages: Model No. \_\_\_\_\_ Hammer/Discus Cage.

Specifier Notes: Remove the following line if specifying the 732105, 732200, 732205, 732210, or 732211 Hammer/Discus Cages.

1. Net Poles: Consist of six (6) net poles constructed of 3 1/2" Schedule 40 (4" OD) aluminum pipe. The net poles will be off-set and stand at least 21' [6.40m] tall when installed in the ground sleeves. The net poles will have bolted on galvanized iron rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.

Specifier Notes: Remove the following line if specifying the 732100, 732200, 732205, 732210, or 732211 Hammer/Discus Cages.

SPECIFICATIONS

2. Net Poles: Consist of eight (8) net poles constructed of 3 1/2" Schedule 40 (4" OD) aluminum pipe. The net poles will be off-set and stand at least 21' [6.40m] tall when installed in the ground sleeves. The net poles will have bolted on galvanized iron rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.

Specifier Notes: Remove the following line if specifying the 732100, 732105, 732205, or 732211 Hammer/Discus Cages.

3. Net Poles: Consist of six (6) net poles constructed of 3 1/2" Schedule 40 (4" OD) aluminum pipe. The net poles will be off-set and stand at least 24' [7.32m] tall when installed in the ground sleeves. The net poles will have bolted on galvanized iron rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.

Specifier Notes: Remove the following line if specifying the 732100, 732105, 732200, or 732210 Hammer/Discus Cages.

4. Net Poles: Consist of eight (8) net poles constructed of 3 1/2" Schedule 40 (4" OD) aluminum pipe. The net poles will be off-set and stand at least 24' [7.32m] tall when installed in the ground sleeves. The net poles will have bolted on galvanized iron rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.

Specifier Notes: Remove the following line if specifying the 732200, 732205, 732210, or 732211 Hammer/Discus Cages.

5. Door Poles: Consist of two (2) 3 1/2" Schedule 40 galvanized steel poles that stand at least 21' [6.40m] tall when installed in the ground sleeves. The door poles will have steel door hinges with stainless steel hinge pins and bronze thrust bearings, and bolted on galvanized iron rope tie-off cleats. The top of the door poles will be capped.

Specifier Notes: Remove the following line if specifying the 732100, 732105, 732210, or 732211 Hammer/Discus Cages.

6. Door Poles: Consist of two (2) 3 1/2" Schedule 40 galvanized steel poles that stand at least 23'-6" [7.16m] tall when installed in the ground sleeves. The door poles will have steel door hinges with stainless steel hinge pins and bronze thrust bearings, and bolted on galvanized iron rope tie-off cleats. The top of the door poles will be capped.

Specifier Notes: Remove the following line if specifying the 732100, 732105, 732200, or 732205 Hammer/Discus Cages.

7. Door Poles: Consist of two (2) 3 1/2" Schedule 40 galvanized steel poles that stand at least 26'-4" [8.03m] tall when installed in the ground sleeves. The door poles will have steel door hinges with stainless steel hinge pins and bronze thrust bearings, and bolted on galvanized iron rope tie-off cleats. The top of the door poles will be capped.

Specifier Notes: Remove the following line if specifying the 732200, 732205, 732210, or 732211 Hammer/Discus Cages.

Hammer/Discus Cages

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8. Cage Doors: Constructed of 3 ½" Schedule 40 (4" OD) aluminum pipe and stand 23' [7.01m] tall by 14'-3¼" [4.35m] wide when installed.

Specifier Notes: Remove the following line if specifying the 732100, 732105, 732210, or 732211 Hammer/Discus Cages.

9. Cage Doors: Constructed of 3 ½" Schedule 40 (4" OD) aluminum pipe and stand 26'-3" [8.00m] tall by 14'-3¼" [4.35m] wide when installed.

Specifier Notes: Remove the following line if specifying the 732100, 732105, 732200, or 732205 Hammer/Discus Cages.

10. Cage Doors: Constructed of 3 ½" Schedule 40 (4" OD) aluminum pipe and stand 30'-0" [8.00m] tall by 14'-3¼" [4.35m] wide when installed.

11. Hoisting Rope: The rope used to hang the net from the net poles will be ¼" solid braided polyester.

Specifier Notes: Remove the following line if specifying the 732105, 732200, 732205, 732210, or 732211 Hammer/Discus Cages.

12. Nets: Constructed of 100% Polyamide (Nylon) type 6.0 yarn solution dyed black, 2"sq mesh (4" stretch mesh), twisted knotted netting, UV stabilized and bonded, 340.7kg (749.5lb) break strength, rope bound. Main cage net 20'-6" x 96'-8" [6.25m x 29.50m]. The main net has an opening and additional net extension sewn into it to allow for entry into the throwing area from the back of the cage with out impeding safety. Doubled door nets 23' x 14'-8" [7.00m x 4.47m].

Specifier Notes: Remove the following line if specifying the 732100, 732200, 732205, 732210, or 732211 Hammer/Discus Cages.

13. Nets: Constructed of 100% Polyamide (Nylon) type 6.0 yarn solution dyed black, 2"sq mesh (4" stretch mesh), twisted knotted netting, UV stabilized and bonded, 340.7kg (749.5lb) break strength, rope bound. Main cage net 20'-6" x 113' [6.25m x 34.44m]. The main net has an opening and additional net extension sewn into it to allow for entry into the throwing area from the back of the cage with out impeding safety. Doubled door nets 23' x 14'-8" [7.00m x 4.47m].

Specifier Notes: Remove the following line if specifying the 732100, 732105, 732205, or 732211 Hammer/Discus Cages.

14. Nets: Constructed of 100% Polyamide (Nylon) type 6.0 yarn solution dyed black, 2"sq mesh (4" stretch mesh), twisted knotted netting, UV stabilized and bonded, 340.7kg (749.5lb) break strength, rope bound. Main cage net 23'-6" x 96'-8" [7.16m x 29.50m]. The main net has an opening and additional net extension sewn into it to allow for entry into the throwing area from the back of the cage with out impeding safety. Doubled door nets 26' x 14'-8" [7.92m x 4.47m].

Specifier Notes: Remove the following line if specifying the 732100, 732105, 732200, or 732210 Hammer/Discus Cages.

Hammer/Discus Cages

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SPECIFICATIONS

15. Nets: Constructed of 100% Polyamide (Nylon) type 6.0 yarn solution dyed black, 2"sq mesh (4" stretch mesh), twisted knotted netting, UV stabilized and bonded, 340.7kg (749.5lb) break strength, rope bound. Main cage net 23'-6" x 113' [7.16m x 34.44m]. The main net has an opening and additional net extension sewn into it to allow for entry into the throwing area from the back of the cage with out impeding safety. Doubled door nets 26' x 14'-8" [7.92m x 4.47m].
16. Net Support Tube: Three (3) net support tubes constructed of 1 5/16" x 14 gauge, galvanized steel tube.

Specifier Notes: Remove the following line if specifying the 732105, 732205, or 732211 Hammer/Discus Cages.

17. Flip Arms: Consists of six (6) flip arms constructed of 3/8" x 2" steel and 36" long, with a powder coat finish. The flip arms will be attached to all net poles at ground level and to the bottom of the net to keep the net secured.

Specifier Notes: Remove the following line if specifying the 732100, 732200, or 732210 Hammer/Discus Cages.

18. Flip Arms: Consists of eight (8) flip arms constructed of 3/8" x 2" steel and 36" long, with a powder coat finish. The flip arms will be attached to all net poles at ground level and to the bottom of the net to keep the net secured.

19. Hardware: All hardware is to be zinc plated.

20. Warning Signs: Consists of three (3) warning signs constructed of polyethylene board 10" x 14". The warning signs will be fastened to the outside of the net, at eye level, facing outward, at the doors, sides and at the rear of the cage.

Specifier Notes: Remove the following item if not specifying a barrier net. If specifying a barrier net add model number, either **732103** (works with 732100, 732200, and 732210 Hammer/Discus Cages) or **732108** (works with 732105, 732205, and 732211 Hammer/Discus Cages).

B. Barrier Nets: Model No. \_\_\_\_\_ Barrier Net for Hammer/Discus Cage

Specifier Notes: Remove the following line if specifying the 732108 barrier net.

1. Net: Consists of two nets constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 3/4" stretch mesh), Raschel knotless netting, UV stabilized and heat-set, 340lb break strength, rope bound, measuring 8' x 33'-1" and 8' x 45'-5".

Specifier Notes: Remove the following line if specifying the 732103 barrier net.

2. Net: Consists of two nets constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 3/4" stretch mesh), Raschel knotless netting, UV stabilized and heat-set, 340lb break strength, rope bound, measuring 8' x 41'-4" x 8' x 53'-8".

Specifier Notes: Add model number, either **73210001** for 732100 Hammer/Discus Cages, **73210501**

Hammer/Discus Cages

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SPECIFICATIONS

for 732105 Hammer/Discus Cages, **73220001** for 732200 Hammer/Discus Cages, **73220501** for 732205 Hammer/Discus Cages, **73221001** for 732210 Hammer/Discus Cages, or

C. Ground Sleeves: Model No. \_\_\_\_\_ Ground Sleeve Kit

Specifier Notes: Remove the following line if specifying the 73210501, 73220001, 73220501, 73221101, or 73221001 ground sleeve kits.

1. Ground Sleeves: Consist of eight (8) 40" deep ground sleeves, constructed of 4.5" OD by 7 gauge, galvanized steel tube.

Specifier Notes: Remove the following line if specifying the 73210001, 73220001, 73220501, 73221001, or 73221101 ground sleeve kits.

2. Ground Sleeves: Consist of ten (10) 40" deep ground sleeves, constructed of 4.5" OD by 7 gauge, galvanized steel tube.

Specifier Notes: Remove the following line if specifying the 73210001, 73210501, 73220501, 73221001, or 73221101 ground sleeve kits.

3. Ground Sleeves: Consist of six (6) 40" and two (2) 48" deep ground sleeves, constructed of 4.5" OD by 7 gauge, galvanized steel tube.

Specifier Notes: Remove the following line if specifying the 73210001, 73210501, 73220001, 73221001, or 73221101 ground sleeve kits.

4. Ground Sleeves: Consist of eight (8) 40" and two (2) 48" deep ground sleeves, constructed of 4.5" OD by 7 gauge, galvanized steel tube.

Specifier Notes: Remove the following line if specifying the 73210001, 73210501, 73220001, 73220501, or 73221101 ground sleeve kits.

5. Ground Sleeves: Consist of six (6) 40" and two (2) 48" deep ground sleeves, constructed of 4.5" OD by 7 gauge, galvanized steel tube.

Specifier Notes: Remove the following line if specifying the 73210001, 73210501, 73220001, 73220501, or 73221001 ground sleeve kits.

6. Ground Sleeves: Consist of eight (8) 40" and two (2) 48" deep ground sleeves, constructed of 4.5" OD by 7 gauge, galvanized steel tube.

**PART 3 EXECUTION**

**3.1 EXAMINATION**

- A. Examine areas to receive hammer/discus cages. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

Hammer/Discus Cages

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## SPECIFICATIONS

### 3.2 INSTALLATION

- A. Install hammer/discus cages in accordance with manufacturer's instructions and in compliance with local codes and regulations at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

### 3.3 ADJUSTING

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the height of the net as needed.

### 3.4 CLEANING

- A. Clean the hammer/discus cages promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

### 3.5 DEMONSTRATION

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of hammer/discus cages to Owner's personnel.

### 3.6 PROTECTION

- A. Protect installed hammer/discus cages to ensure equipment will be without damage or deterioration at time of substantial completion.

**END OF SECTION**

Hammer/Discus Cages

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SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Pole Vault Boxes**

Specifier Notes: This section covers Gill Athletics, Inc. pole vault boxes. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Pole Vault Boxes:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around pole vault boxes.
- C. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material up to the edges of the pole vault box and onto the lid if used.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Pole Vault Boxes

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### 1.4 DESIGN REQUIREMENTS

- A. Pole vault boxes: Locate positions of pole vault boxes on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide pole vault boxes from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing pole vault boxes similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Pole vault boxes shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

1. National Federation of State High School Associations (NFHS).
2. National Collegiate Athletic Association (NCAA)
3. International Association of Athletics Federations (IAAF)

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

Pole Vault Boxes

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SPECIFICATIONS

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 POLE VAULT BOXES**

Specifier Notes: Specify the following paragraph for all pole vault boxes. Add model number, either **502** – Aluminum Vault Box, **505** – Cast Aluminum Vault Box, **500** – Steel Vault Box, **504** – Stainless Steel Vault Box, **507** – Skydex Soft Vault Box, or **508** – SafetyMax Vault Box

- A. Pole Vault Box: Model No. \_\_\_\_\_ Pole Vault Box.

Specifier Notes: Remove the following line if specifying the 505, 500, 504, 508, or 507 pole vault box.

- 1. Pole Vault Box: Constructed of 6061-T6 aluminum, the sides being 1/8" thick and the bottom and backstop being 1/4" thick. Two outside wings secure the vault box when cast in concrete.

Specifier Notes: Remove the following line if specifying the 502, 500, 504, 508, or 507 pole vault box.

- 2. Pole Vault Box: Constructed of 319 aluminum cast into shape, the vault box is 3/8" thick on all sides. Two outside wings secure the vault box when cast in concrete. The vault box shall incorporate a forward lip sloping down at 30 degrees at the front of the vault box. The vault box has a powder coat finish.

Specifier Notes: Remove the following line if specifying the 502, 505, 504, 508, or 507 pole vault box.

- 3. Pole Vault Box: Constructed of 13 gage steel sheet metal. Two outside wings secure the vault box when cast in concrete. The vault box has a white powder coat finish.

Pole Vault Boxes

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## SPECIFICATIONS

Specifier Notes: Remove the following line if specifying the 502, 505, 500, 508, or 507 pole vault box.

4. Pole Vault Box: Constructed of 13 gage 304 stainless steel sheet metal. Two outside wings secure the vault box when cast in concrete.

Specifier Notes: Remove the following line if specifying the 502, 505, 500, 508, or 504 pole vault box.

5. Pole Vault Box: Consists of a HMPWE cover, steel support, Skydex cushioning material, and fiberglass tray. The HMPWE cover is 1/8" thick and white. The steel support backing plate is 1/4" thick. The cushioning material is made up of two layers of Skydex material. The fiber glass tray is 1/8" thick with a white gel coated interior.

Specifier Notes: Remove the following line if specifying the 502, 505, 500, 507, or 504 pole vault box.

6. Pole Vault Box: Consists of a plastic liner, Skydex cushioning material, and steel tray. The plastic liner is 1/8" thick and white. The cushioning material is made up of two layers of Skydex material below the plastic liner on the bottom surface of the vault box. The steel tray is fabricated from 12 gauge sheet steel and powder coated white.

Specifier Notes: Specify the following paragraph for all pole vault box lids. Remove the following section if not specifying vault box lids. Add model number, either **50201** – Recessed Aluminum Vault Box Lid, **50202** – Flush Aluminum Vault Box Lid, or **503** – Universal Vault Box Lid.

B. Pole Vault Box Lid: Model No. \_\_\_\_\_ Pole Vault Box Lid.

Specifier Notes: Remove the following line if specifying the 50202, or 503 pole vault box lid.

1. Pole Vault Box Lid: Constructed of 1/4" thick aluminum 6061-T6. Two fins support the lid. The lid is to be have 1/2" track surface mounted to the top by the installer.

Specifier Notes: Remove the following line if specifying the 50201, or 503 pole vault box lid.

2. Pole Vault Box Lid: Constructed of 1/4" thick aluminum 6061-T6. Two fins support the lid. The lid will sit flush with the top of the vault box.

Specifier Notes: Remove the following line if specifying the 50201, or 50202 pole vault box lid.

3. Pole Vault Box Lid: Constructed of 1/8" steel plate with diamond tread and white powder coat finish.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas to receive pole vault boxes. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### **3.2 INSTALLATION**

- A. Install pole vault boxes in accordance with manufacturer's instructions at locations indicated on the Drawings.

Pole Vault Boxes

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## SPECIFICATIONS

- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

### 3.3 ADJUSTING

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

### 3.4 CLEANING

- A. Clean pole vault boxes promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

### 3.5 DEMONSTRATION

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of pole vault boxes to Owner's personnel.

### 3.6 PROTECTION

- A. Protect installed pole vault boxes to ensure equipment will be without damage or deterioration at time of substantial completion.

**END OF SECTION**

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Sand Pit Covers**

Specifier Notes: This section covers Gill Athletics, Inc. sand pit covers. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Sand Pit Covers:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material.
- C. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.
- D. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around sand pit.

**1.3 REFERENCES**

Sand Pit Covers

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### 1.4 DESIGN REQUIREMENTS

- A. Sand Pit Covers: Locate positions of sand pit covers on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide sand pit covers from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing sand pit covers similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Sand pit covers shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

1. National Federation of State High School Associations (NFHS).
2. National Collegiate Athletic Association (NCAA)
3. International Association of Athletics Federations (IAAF)

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

Sand Pit Covers

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SPECIFICATIONS

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 SAND PIT COVERS**

Specifier Notes: Specify the following paragraph for all sand pit covers. Add model number, either **730148** – Sand Pit Cover recessed for track surface, or **730148F** – Sand Pit Cover flush.

- A. Sand Pit Cover: Model No. \_\_\_\_\_ Sand Pit Cover.

Specifier Notes: Remove the following line if specifying the 730148F Sand Pit Cover.

- 1. Sand Pit Cover: Constructed of 9 1/2" x 1 3/4" x 1/8" aluminum planking and framed with 2 3/8" x 1 1/2" x 3/16" aluminum angle. Each panel is recessed to receive 12mm synthetic track surface to be applied by the installer. The cover will consist of a number of standard sized panels and one special end panel. Each standard panel will have four handles.

Specifier Notes: Remove the following line if specifying the 730148 Sand Pit Cover.

- 2. Sand Pit Cover: Constructed of 9 1/2" x 1 3/4" x 1/8" aluminum planking and capped with 2" x 2" x 3/16" aluminum angle. The cover will consist of a number of standard sized panels and one special end panel. Each standard panel will have four handles.

**PART 3 EXECUTION**

**3.1 EXAMINATION**

- A. Examine areas to receive sand pit covers. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

Sand Pit Covers

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## SPECIFICATIONS

### 3.2 INSTALLATION

- A. Install sand pit covers in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

### 3.3 ADJUSTING

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

### 3.4 CLEANING

- A. Clean sand pit covers promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

### 3.5 DEMONSTRATION

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of sand pit covers to Owner's personnel.

### 3.6 PROTECTION

- A. Protect installed sand pit covers to ensure equipment will be without damage or deterioration at time of substantial completion.

**END OF SECTION**

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Sand Pit Forms**

Specifier Notes: This section covers Gill Athletics, Inc. sand pit forms. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Sand Pit Forms:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material.
- C. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.
- D. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around sand pit.

**1.3 REFERENCES**

Sand Pit Forms

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### 1.4 DESIGN REQUIREMENTS

- A. Sand Pit Forms: Locate positions of sand pits on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide sand pit forms from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing sand pit forms similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Sand pit forms shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).
- 2. National Collegiate Athletic Association (NCAA)
- 3. International Association of Athletics Federations (IAAF)

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

Sand Pit Forms

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SPECIFICATIONS

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 SAND PIT FORMS**

Specifier Notes: Specify the following paragraph for all sand pit forms. Add model number, either:

- F42029** – Sand Pit Form w/ ledge 29' x 9'-8"
- F42026** – Sand Pit Form w/ ledge 26' x 9'-8"
- F42023** – Sand Pit Form w/ ledge 23' x 9'-8"
- F44029** – Sand Pit Form w/ ledge & side sand catchers 29' x 9'-8"
- F44026** – Sand Pit Form w/ ledge & side sand catchers 26' x 9'-8"
- F44023** – Sand Pit Form w/ ledge & side sand catchers 23' x 9'-8"
- F44130** – Sand Pit Form w/ ledge & side and back sand catchers 30' x 9'-8"
- F44127** – Sand Pit Form w/ ledge & side and back sand catchers 27' x 9'-8"
- F44124** – Sand Pit Form w/ ledge & side and back sand catchers 24' x 9'-8"
- F44231** – Sand Pit Form w/ ledge & side, front, and back sand catchers 31' x 9'-8"
- F44228** – Sand Pit Form w/ ledge & side, front, and back sand catchers 28' x 9'-8"
- F44225** – Sand Pit Form w/ ledge & side, front, and back sand catchers 25' x 9'-8"
- F46029** – Sand Pit Form w/ ledge & side sand catchers with recessed lids 29' x 9'-8"
- F46026** – Sand Pit Form w/ ledge & side sand catchers with recessed lids 26' x 9'-8"
- F46023** – Sand Pit Form w/ ledge & side sand catchers with recessed lids 23' x 9'-8"
- F46130** – Sand Pit Form w/ ledge & side and back sand catchers with recessed lids 30' x 9'-8"
- F46127** – Sand Pit Form w/ ledge & side and back sand catchers with recessed lids 27' x 9'-8"
- F46124** – Sand Pit Form w/ ledge & side and back sand catchers with recessed lids 24' x 9'-8"
- F46231** – Sand Pit Form w/ ledge & side, front, and back sand catchers with recessed lids 31' x 9'-8"
- F46228** – Sand Pit Form w/ ledge & side, front, and back sand catchers with recessed lids 28' x 9'-8"
- F46225** – Sand Pit Form w/ ledge & side, front, and back sand catchers with recessed lids 25' x 9'-8"

- A. Sand Pit Form: Model No. \_\_\_\_\_ Sand Pit Form.

SPECIFICATIONS

Specifier Notes: Remove the following line if specifying the F44231, F44228, F44225, F46231, F46228, F46225, F44029, F44026, F44023, F44130, F44127, F44124, F46023, F46026, F46029, F46124, F46127, or F46130 Sand Pit Form. Specify dimensions, see list above.

1. Sand Pit Form: Constructed of aluminum sheet metal welded into modular sections. Sections are bolted together in field. The forms shall have a built in ledge to receive a sand pit cover system. Inside dimensions of sand pit shall be at least \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the F44231, F44228, F44225, F46231, F46228, F46225, F42029, F42026, F42023, F44130, F44127, F44124, F46124, F46127, or F46130 Sand Pit Form. Specify dimensions, see list above.

2. Sand Pit Form: Constructed of aluminum sheet metal welded into modular sections. Sections are bolted together in field. The forms shall have a built in ledge to receive a sand pit cover system and a built in sand catcher. The sand catcher shall run the entire length of the sand pit form on two sides. Inside dimensions of sand pit shall be at least \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the F44231, F44228, F44225, F46231, F46228, F46225, F42029, F42026, F42023, F44029, F44026, F44023, F46023, F46026, or F46029 Sand Pit Form. Specify dimensions, see list above.

3. Sand Pit Form: Constructed of aluminum sheet metal welded into modular sections. Sections are bolted together in field. The forms shall have a built in ledge to receive a sand pit cover system and a built in sand catcher. The sand catcher shall run the entire length of the sand pit form on three sides. Inside dimensions of sand pit shall be at least \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the F42029, F42026, F42023, F44029, F44026, F44023, F46023, F46026, F46029, F44130, F44127, F44124, F46124, F46127, or F46130 Sand Pit Form. Specify dimensions, see list above.

4. Sand Pit Form: Constructed of aluminum sheet metal welded into modular sections. Sections are bolted together in field. The forms shall have a built in ledge to receive a sand pit cover system and a built in sand catcher. The sand catcher shall run the entire length of the sand pit form on four sides. Inside dimensions of sand pit shall be at least \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the F46231, F46228, F46225, F42029, F42026, F42023, F46023, F46026, F46029, F46124, F46127, or F46130 Sand Pit Form.

5. Sand Catcher Covers: Consists of galvanized steel grating and perforated rubber overlays. Each section of steel grating is 1" thick by 18" by 36". (The number of sections required varies according to sand pit form model).

Specifier Notes: Remove the following line if specifying the F44231, F44228, F44225, F42029, F42026, F42023, F44023, F44026, F44029, F44124, F44127, or F44130 Sand Pit Form.

6. Sand Catcher Covers: Consists of recessed sheet metal lids designed to accept track surface. Each lid is 18" by 36". (The number of sections required varies according to sand pit form model).

### **PART 3 EXECUTION**

Sand Pit Forms

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**3.1 EXAMINATION**

- A. Examine areas to receive sand pit forms. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

**3.2 INSTALLATION**

- A. Install sand pit forms in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

**3.4 CLEANING**

- A. Clean sand pit forms promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate maintenance of sand pit forms to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed sand pit forms to ensure equipment will be without damage or deterioration at time of substantial completion.

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Shot Put Circles**

Specifier Notes: This section covers Gill Athletics, Inc. shot put circles. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Shot Put Circles:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around shot put circle.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material up to the edges of the shot put circle.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Shot Put Circles

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## SPECIFICATIONS

**Specifier Notes:** List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### **1.4 DESIGN REQUIREMENTS**

- A. Shot put circles: Locate positions of shot put circles on the site plan.

### **1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### **1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide shot put circles from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing shot circles similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Shot put circles shall conform to latest rules and regulations.

**Specifier Notes:** Specify the applicable associations. Association rule books are updated each year around September 1.

1. National Federation of State High School Associations (NFHS).
2. National Collegiate Athletic Association (NCAA)
3. International Association of Athletics Federations (IAAF)

### **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.

Shot Put Circles

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- C. Handling: Protect materials and finish from damage during handling and installation.

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 SHOT PUT CIRCLES**

Specifier Notes: Specify the following paragraph for all shot put circles. Add model number, either **366** – Aluminum Shot Circle with Cross-bracing, **369** – Aluminum Shot Circle, **374** – Aluminum 2" Shot Put Circle, **372** – Aluminum Shot Circle, **373** – Powder Coated Steel Shot Circle, or **3741** Aluminum Shot/Hammer Throwing Circle Form

- A. Shot Put Circles: Model No. \_\_\_\_\_ Shot Put Circle.

Specifier Notes: Remove the following line if specifying the 369, 374, 372, 373, or 3741 Shot Put Circle.

1. Circle: Consists of two halves of a circle constructed of 3' x 1/4" aluminum flat, 6061-T6, with 3/4" x 1" aluminum angle cross-bracing. The circle shall be cast in concrete so that the throwing surface is depressed 3/4".The circle shall have a 7' diameter.

Specifier Notes: Remove the following line if specifying the 366, 374, 372, 373, or 3741 Shot Put Circle.

2. Circle: Consists of four quarters of a circle constructed of 1" x 3/4" x 1/4" aluminum angle, 6061-T6. The circle shall be cast in concrete so that the throwing surface is depressed 3/4".The circle shall have a 7' diameter.

Specifier Notes: Remove the following line if specifying the 366, 369, 372, 373, or 3741 Shot Put Circle.

Shot Put Circles

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## SPECIFICATIONS

3. Circle: Consists of two halves of a circle constructed of 2" x 2" x 1/4" aluminum angle, 6061-T6. The circle shall be cast in concrete so that the throwing surface is depressed 3/4". The circle shall have a 7' diameter.

Specifier Notes: Remove the following line if specifying the 366, 369, 374, 373, or 3741 Shot Put Circle.

4. Circle: Consists of three sections of a circle constructed of 1" x 3/4" x 1/4" aluminum angle, 6061-T6. The circle shall be anchored to the top of the concrete pad and will fasten to the toeboard. The circle shall have a 7' diameter.

Specifier Notes: Remove the following line if specifying the 366, 369, 374, 373, or 3741 Shot Put Circle.

5. Circle: Consists of four quarters of a circle constructed of 1/4" x 1 1/2" steel flat with a white powder coat finish. The circle shall be anchored to the top of the concrete pad. The circle shall have a 7' diameter.

Specifier Notes: Remove the following line if specifying the 366, 369, 372, 374, or 373.

5. Circle: Consists of four quarters of a circle constructed of 1/4" x 3" aluminum flat and 1" x 2" x 1/8" Aluminum angle. . The circle shall be cast in concrete so that the throwing surface is depressed 3/4" and the outer surface is level with the top of the form. The circle shall have a 7' diameter.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Examine areas to receive shot put circles. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

### 3.2 INSTALLATION

- A. Install shot put circles in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

Shot Put Circles

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SPECIFICATIONS

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

**3.4 CLEANING**

- A. Clean shot put circles promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of shot put circles to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed shot put circles to ensure equipment will be without damage or deterioration at time of substantial completion.

**END OF SECTION**

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 68 33.43)**

**Shot Put Cages**

Specifier Notes: This section covers Gill Athletics, Inc. shot put cages. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Shot Put Cages

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around ground sleeves and surrounding areas.
- C. Section 02535 (32 18 23) Athletic Surfacing: Applying track surface material to the surrounding areas.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to the surrounding areas.

**1.3 REFERENCES**

Shot Put Cages

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations

### 1.4 DESIGN REQUIREMENTS

- A. Shot Put Cages: Locate positions and orientations of shot put cages and their ground sleeves on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide shot put cages from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing shot put cages similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, excavation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Shot put cages shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

1. National Federation of State High School Associations (NFHS).

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

### 1.8 WARRANTY

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise

Shot Put Cages

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specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 SHOT PUT CAGES**

Specifier Notes: Specify the following paragraph for all shot put cages. Add model number, either **805** – Steel Shot Put Cage, or **8050** – Aluminum Shot Put Cage.

- A. Shot Put Cages: Model No. \_\_\_\_\_ Shot Put Cage.

Specifier Notes: Remove the following line if specifying the 8050 Shot Put Cage

- 1. Ground Sleeves: Consists of four (4) ground sleeves, constructed of 3”sq x 3/16” thick steel tube, 20” long, with a powder coat finish.

Specifier Notes: Remove the following line if specifying the 805 Shot Put Cage

- 2. Ground Sleeves: Consists of four (4) ground sleeves, constructed of 3” Sch40 PVC pipe, 30” long.
- 3. Ground Sleeve Caps: Consists of four (4) ground sleeve caps, constructed of welded steel with a powder coat finish.

Specifier Notes: Remove the following line if specifying the 8050 Shot Put Cage

- 4. Net Poles: Consists of four (4) net poles, constructed of 2 ½”sq x 14gage steel tube, with a powder coat finish. The net poles will be off-set and stand at least 14’ tall when installed in the ground sleeves. The net poles will have rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.

Specifier Notes: Remove the following line if specifying the 805 Shot Put Cage

Shot Put Cages

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## SPECIFICATIONS

5. Net Poles: Consists of four (4) net poles, constructed of 2½" Sch40 aluminum pipe. The net poles will be off-set and stand at least 14' tall when installed in the ground sleeves. The net poles will have rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.
6. Hoisting Rope: The rope used to hang the net from the net poles will be ¼" braided polyester.
7. Net: Constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 ¾" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 14' x 42'-6".
8. Net Support Cable: Constructed of 1/8"-3/16", 7x19, PVC coated, galvanized steel cable. The top of the net will be supported by the net support cable along the entire length of the net.

Specifier Notes: Remove the following line if specifying the 8050 Shot Put Cage

9. Flip Arms: Consists of two (2) flip arms constructed of 3/8" x 2" steel and 18" long, with a powder coat finish. The flip arms will be attached to the two front net poles at ground level and to the front bottom corners of the net to keep the net secured.

Specifier Notes: Remove the following line if specifying the 805 Shot Put Cage

10. Flip Arms: Consists of two (2) flip arms constructed of 3/8" x 2" steel and 32" long, with a powder coat finish. The flip arms will be attached to the two front net poles at ground level and to the front bottom corners of the net to keep the net secured.
11. Ground Stakes: Consists of nine (8) ground stakes constructed of plastic and 9" long. The ground stakes will be used to secure the net to the ground at the back poles and between each pole.
12. Hardware: All hardware is to be zinc plated.
13. Warning Signs: Consists of three (3) warning signs constructed of polyethylene board 10" x 14". The warning signs will be fastened to the outside of the net, at eye level, facing outward, at the front sides of the shot put cage and at the rear of the shot put cage.

## **PART 3 EXECUTION**

### **3.1 EXAMINATION**

- A. Examine areas to receive shot put cages. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

### **3.2 INSTALLATION**

- A. Install shot put cages in accordance with manufacturer's instructions and in compliance with local codes and regulations at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper

Shot Put Cages

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SPECIFICATIONS

elevation, and secure.

- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the height of the net as needed.

**3.4 CLEANING**

- A. Clean the shot put cages promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of shot cages to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed shot put cages to ensure equipment will be without damage or deterioration at time of substantial completion.

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Toe Boards**

Specifier Notes: This section covers Gill Athletics, Inc. toe boards. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Toe Boards:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around toe board.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying track surface material up to the area surrounding the throwing circle.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to area surrounding throwing circle.

Toe Boards

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SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

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Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Toe Boards**

Specifier Notes: This section covers Gill Athletics, Inc. toe boards. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Toe Boards:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around toe board.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying track surface material up to the area surrounding the throwing circle.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to area surrounding throwing circle.

Toe Boards

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**1.3 REFERENCES**

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

**1.4 DESIGN REQUIREMENTS**

- A. Toe boards: Locate positions of toe boards on the site plan.

**1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

**1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide toe boards from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing toe boards similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Toe boards shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).
- 2. National Collegiate Athletic Association (NCAA)
- 3. International Association of Athletics Federations (IAAF)

**1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.

Toe Boards

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- C. Handling: Protect materials and finish from damage during handling and installation.

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 TOE BOARDS**

Specifier Notes: Specify the following paragraph for all toe boards. Add model number, either **358** – Synthetic Shot Toe Board for recessed pad, **359** – Synthetic Shot Toe Board for level pad, **363** – Aluminum Shot Toe Board for depressed pad, or **364** – Aluminum Shot Toe Board for level pad.

- A. Toe Boards: Model No. \_\_\_\_\_ Toe Board.

Specifier Notes: Remove the following line if specifying the 358, 363, or 364 Toe Board.

- 1. Toe Board: Constructed of low density polyethylene. To be mounted on a level throwing pad.

Specifier Notes: Remove the following line if specifying the 359, 363, or 364 Toe Board.

- 2. Toe Board: Constructed of low density polyethylene. To be mounted on a depressed throwing pad.

Specifier Notes: Remove the following line if specifying the 358, 359, or 364 Toe Board.

- 3. Toe Board: Constructed of cast aluminum with 5/16" wall thickness and a white powder coat finish. To be mounted on a depressed throwing pad.

Specifier Notes: Remove the following line if specifying the 358, 359, or 363 Toe Board.

4. Toe Board: Constructed of cast aluminum with 5/16" wall thickness and a white powder coat finish. To be mounted on a level throwing pad.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas to receive toe boards. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### **3.2 INSTALLATION**

- A. Install toe boards in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

#### **3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

#### **3.4 CLEANING**

- A. Clean toe boards promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

#### **3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of toe boards to Owner's personnel.

#### **3.6 PROTECTION**

Toe Boards

11480 (11 68 33.43) - 4

SPECIFICATIONS

- A. Protect installed toe boards to ensure equipment will be without damage or deterioration at time of substantial completion.

Toe Boards

11480 (11 68 33.43) - 5

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Track Curbing**

Specifier Notes: This section covers Gill Athletics, Inc. track curbing. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Track Curbing:
- B. Curbing Base Pins:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material.
- C. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Track Curbing

11480 (11 68 33.43) - 1

## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### **1.4 DESIGN REQUIREMENTS**

- A. Track Curbing: Locate positions of track curbing on the site plan.

### **1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### **1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide track curbing from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing track curbing similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Track curbing shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).
- 2. National Collegiate Athletic Association (NCAA)
- 3. International Association of Athletics Federations (IAAF)

### **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

Track Curbing

11480 (11 68 33.43) - 2

## SPECIFICATIONS

### 1.8 WARRANTY

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

## PART 2 PRODUCTS

### 2.1 MANUFACTURER

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

### 2.2 TRACK CURBING

Specifier Notes: Specify the following paragraph for all track curbing. Add model number, either **835A** – Permanent Aluminum Track Curbing, **854A** – Permanent Anodized Aluminum Track Curbing, **854P** – Permanent Powdercoated Aluminum Track Curbing, **851A** – Aluminum Track Curbing, **852A** – Anodized Aluminum Track Curbing, or **852P** – Powdercoated Aluminum Track Curbing.

- A. Track Curbing: Model No. \_\_\_\_\_ Track Curbing.

Specifier Notes: Remove the following line if specifying the 853A, 854A, 854P, 852A, or 852P Track Curbing.

1. Curbing: Constructed of a 2" x 1 ½" aluminum (6063-T6) extrusion with ½" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notch to fit over the joint sleeve installed in the opposite end.

Specifier Notes: Remove the following line if specifying the 853A, 854A, 854P, 851A, or 852P Track Curbing. Specify the color.

2. Curbing: Constructed of a 2" x 1 ½" aluminum (6063-T6) extrusion with ½" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notched to fit over the joint sleeve installed in the opposite end. The curbing will be anodized \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the 853A, 854A, 854P, 851A, or 852A Track

Track Curbing

11480 (11 68 33.43) - 3

SPECIFICATIONS

Curbing. Specify the color.

3. Curbing: Constructed of a 2" x 1 1/2" aluminum (6063-T6) extrusion with 1/2" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notched to fit over the joint sleeve installed in the opposite end. The curbing will be powdercoated \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the 852P, 854A, 854P, 851A, or 852A Track Curbing. Specify the color.

4. Curbing: Constructed of a 2" x 1 1/2" aluminum (6063-T6) extrusion with 1/2" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notched to fit over the joint sleeve installed in the opposite end. Curbing shall have two holes on the bottom and anchor pins to permanently fasten the curbing to the track surface.

Specifier Notes: Remove the following line if specifying the 852P, 853A, 854P, 851A, or 852A Track Curbing. Specify the color.

5. Curbing: Constructed of a 2" x 1 1/2" aluminum (6063-T6) extrusion with 1/2" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notched to fit over the joint sleeve installed in the opposite end. Curbing shall have two holes on the bottom and anchor pins to permanently fasten the curbing to the track surface. The curbing will be anodized \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the 852P, 853A, 854A, 851A, or 852A Track Curbing. Specify the color.

6. Curbing: Constructed of a 2" x 1 1/2" aluminum (6063-T6) extrusion with 1/2" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notched to fit over the joint sleeve installed in the opposite end. Curbing shall have two holes on the bottom and anchor pins to permanently fasten the curbing to the track surface. The curbing will be powdercoated \_\_\_\_\_.

Specifier Notes: Remove the following section if not specifying track curbing base pins.

**B. Track Curbing Base Pins: Model No. 851P Track Curbing Base Pins**

Specifier Notes: Specify the number of base pins required (base pins are sold in sets of 12).

1. Base Pins: Consists of \_\_\_\_\_ base pins constructed of 4" long sections of threaded rod fastened into the under side of the track curbing with two jam nuts. The pin locations in the track curbing must match the location of holes in the track.

**PART 3 EXECUTION**

**3.1 EXAMINATION**

Track Curbing

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## SPECIFICATIONS

- A. Examine areas to receive track curbing. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

### 3.2 INSTALLATION

- A. Install track curbing in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

### 3.3 ADJUSTING

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

### 3.4 CLEANING

- A. Clean track curbing promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

### 3.5 DEMONSTRATION

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of track curbing to Owner's personnel.

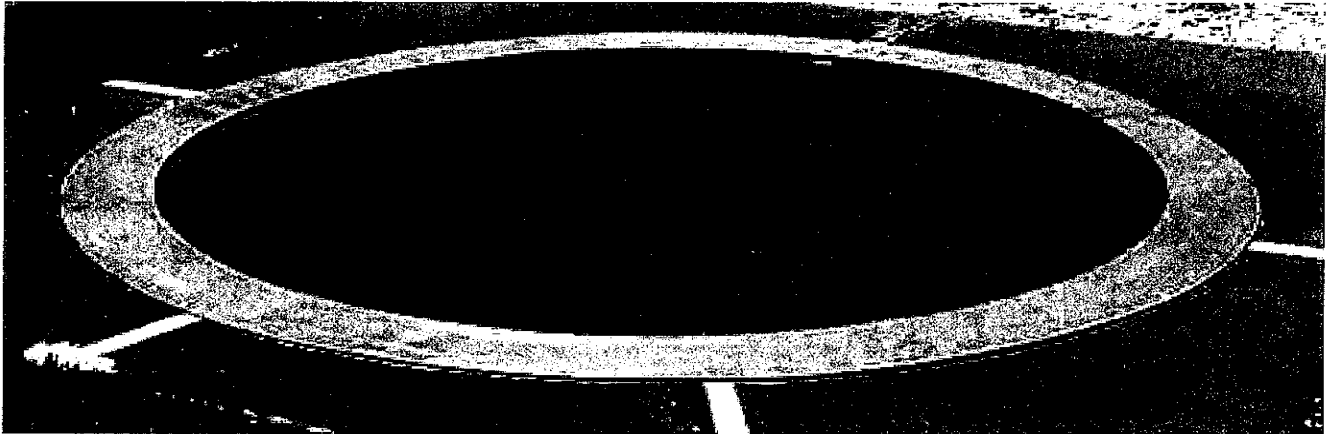
### 3.6 PROTECTION

- A. Protect installed track curbing to ensure equipment will be without damage or deterioration at time of substantial completion.

SPECIFICATIONS

**SPECIFICATIONS**

The 362 Hammer Conversion Circle is designed to be installed in an existing discus circle to convert it for the hammer throw. This allows single circle hammer cages to be used for both hammer and discus competition. The circle is molded out of a stiff but pliable PVC plastic. Dropped hammers will not bounce off of or damage it. The circle consists of four interlocking sections that form a solid, rattle free ring which is easily installed and removed. This circle is compliant with NCAA specifications for conversion circles.



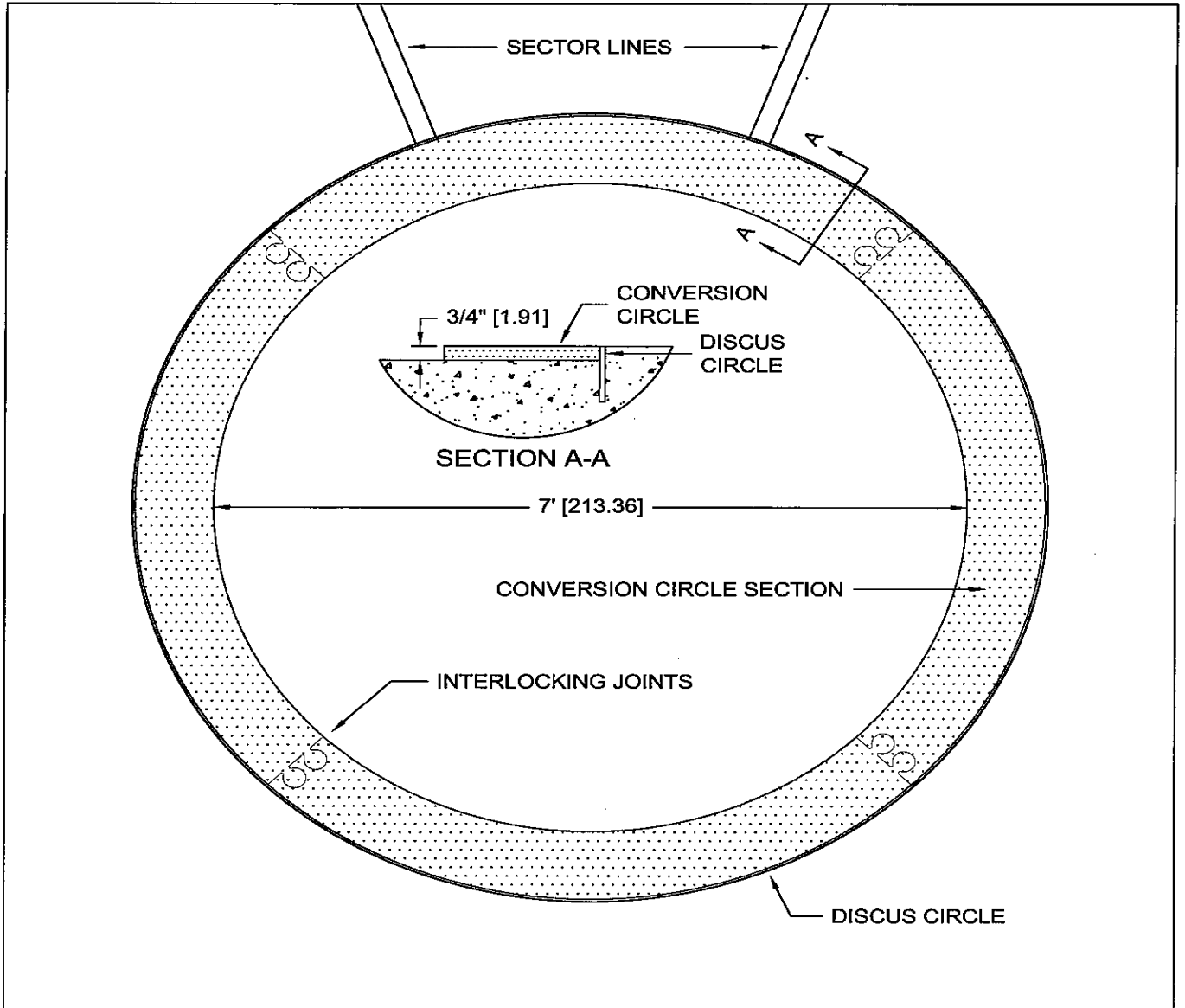
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11/16/01  
362-F

SPECIFICATIONS

**SPECIFICATIONS**

The 362 Hammer Conversion Circle is designed to be installed in an existing discus circle to convert it for the hammer throw. This allows single circle hammer cages to be used for both hammer and discus competition. The circle is molded out of a stiff but pliable PVC plastic. Dropped hammers will not bounce off of or damage it. The circle consists of four interlocking sections that form a solid, rattle free ring which is easily installed and removed. This circle is compliant with NCAA specifications for conversion circles. Dimensions in brackets are in centimeters.



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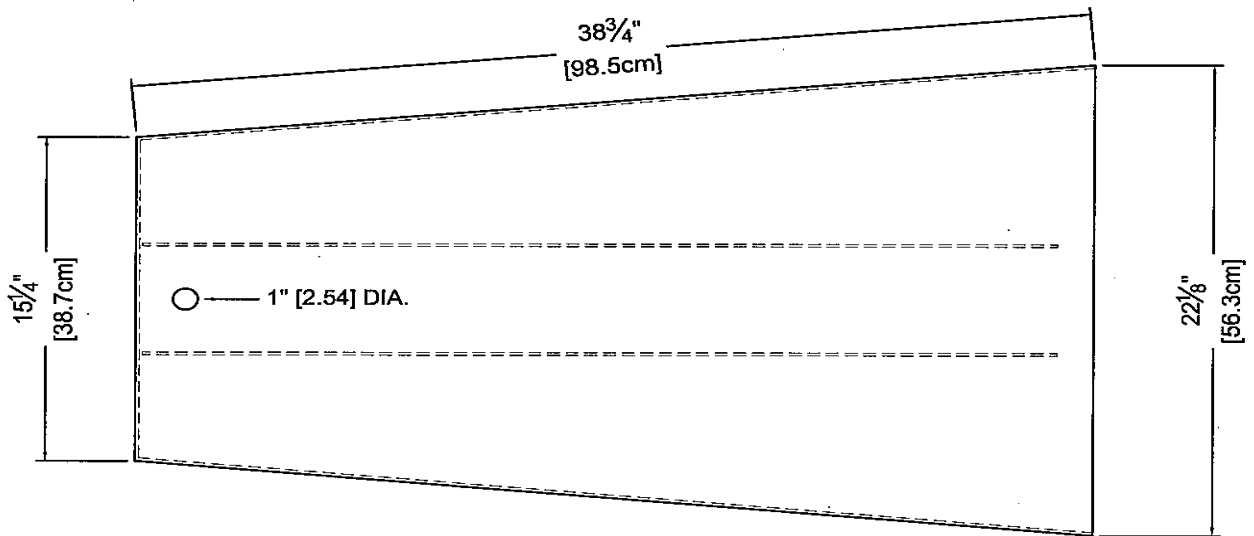


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800-637-3090

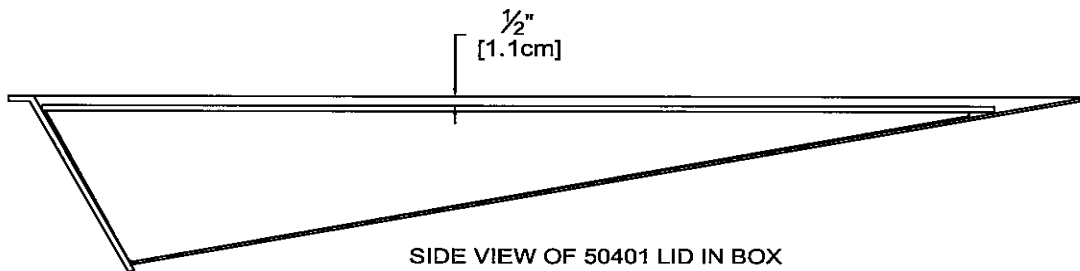
# 50401 - STAINLESS STEEL VAULT BOX LID SPECIFICATIONS

## SPECIFICATIONS

The 50401 Stainless Steel Vault Box Lid is designed to go with the 504 stainless steel vault box. The lid is manufactured from 10GA 304 stainless steel plate. Two angled vertical supports are welded in place to stiffen and support the lid in the box. When covered with 1/2" [12mm] thick runway material, the lid fits flush with the runway surface. Measurements in brackets are in centimeters. These lids are intended to be used with stainless steel vault boxes for the best corrosion resistance in warm climates.



TOP VIEW (50201)



SIDE VIEW OF 50401 LID IN BOX

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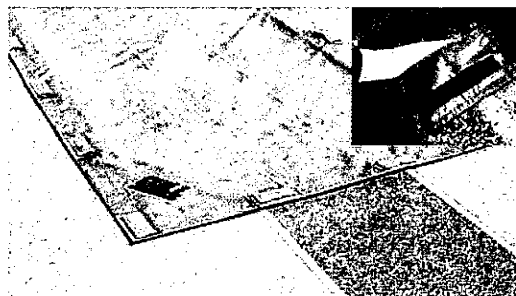
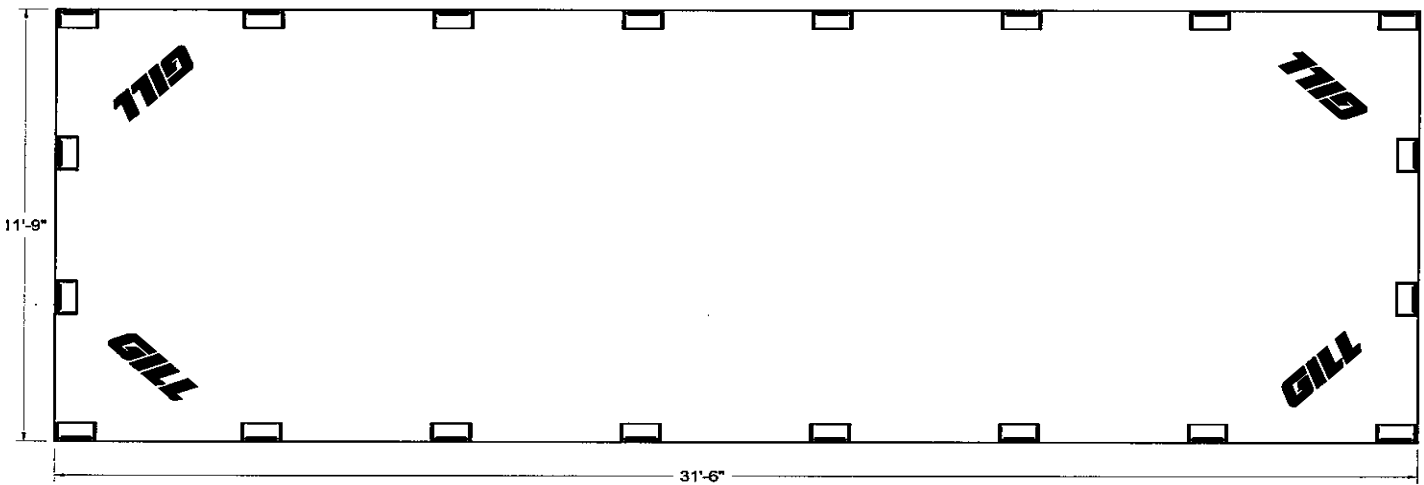


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800-637-3090

**SPECIFICATIONS 730147L - 31'-6" MESH SAND PIT COVER SPECIFICATIONS**

The 730147L Mesh Long Jump Sand Pit Cover is fabricated from medium gray, 30 mil, vinyl-coated, mesh fabric. Overall size of the 730147L cover is 11'-9" x 31'-6". It is compatible with F400 and F440 long and triple jump sand pits.

Zip lock bags are provided to be filled with sand, not included, and placed in the 2.5" x 5" x 10" solid fabric pockets to hold the cover down. Double stitched perimeter seam enables durable performance amid frequent handling. May be rolled up to lay aside during competition.



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## SPECIFICATIONS

### Product Guide Specification

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

#### SECTION 11480 (11 66 23.43) (11 68 33.43)

##### Long Jump & Triple Jump Take-Off Board Systems

Specifier Notes: This section covers Gill Athletics, Inc. long jump and triple jump take-off board systems. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Long Jump & Triple Jump Take-Off Board Systems:

##### 1.2 RELATED SECTIONS

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around take-off board tray.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material up to the edges of the take-off board tray and the top of the take-off board lid.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

##### 1.3 REFERENCES

Long Jump & Triple Jump Take-Off Board Systems

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SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. USATF – USA Track & Field
- B. NCAA – National Collegiate Athletic Association
- C. IAAF – International Association of Athletic Federations

**1.4 DESIGN REQUIREMENTS**

- A. Long Jump & Triple Jump Take-Off Board Systems: Locate positions of take-off boards on the site plan.

**1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

**1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide long jump and triple jump take-off board systems from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing long jump and triple jump take-off board systems similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Long jump and triple jump take-off board systems shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Collegiate Athletic Association (NCAA).
- 2. USA Track & Field (USATF).
- 3. International Association of Athletic Federations (IAAF).

**1.7 DELIVERY, STORAGE, AND HANDLING**

Long Jump & Triple Jump Take-Off Board Systems

11480 (11 68 33.43) - 2

## SPECIFICATIONS

- A. **Delivery:** Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. **Storage:** Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. **Handling:** Protect materials and finish from damage during handling and installation.

### 1.8 WARRANTY

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

## PART 2 PRODUCTS

### 2.1 MANUFACTURER

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

### 2.2 LONG JUMP & TRIPLE JUMP TAKE-OFF BOARD SYSTEMS

Specifier Notes: Specify the following paragraph for all long jump and triple jump take-off board systems. Add model number, either 4350, 43501, 4350S, or 4360.

- A. Long Jump & Triple Jump Take-Off Board Systems: Model No. \_\_\_\_\_ Adjustable Take-Off Board System.
  - 1. Aluminum Tray: Constructed of 3/16" thick aluminum, formed and welded.
  - 2. Aluminum Base Board: Constructed of 1/8" aluminum sheet metal. All adjustment screws are stainless steel. The base board can be adjusted for level and height, using six adjustment screws, without removing the base board from the tray. There are six threaded fasteners for attaching the take-off board and foul board.

Specifier Notes: Remove the following line if specifying the 4350S.

- 3. Wood Take-Off Board: Constructed of 3/4" double sided MDO exterior plywood with a white outdoor enamel coating. There are four counter-sunk holes for mounting to the base board.

Long Jump & Triple Jump Take-Off Board Systems

11480 (11 68 33.43) - 3



SPECIFICATIONS

The take-off board is finished on both sides so that it can be reversible.

Specifier Notes: Remove the following line if specifying the 4350, 4360, or 43501.

4. Synthetic Take-Off Board: Constructed of white HDPE plastic, 3/4" thick. There are four counter-sunk holes for mounting to the base board.

Specifier Notes: Remove the following line if specifying the 4350, 4360, or 43501.

5. Synthetic Foul Board: Constructed of orange HDPE plastic, 3/4" thick. There are two counter-sunk holes for mounting to the base board.

Specifier Notes: Remove the following line if specifying the 43501.

6. NCAA Foul Board: Constructed of 3/4" double sided MDO exterior plywood with an orange outdoor enamel coating. There are two counter-sunk holes for mounting to the base board. The foul board is finished on both sides so that it can be reversible.

Specifier Notes: Remove the following line if specifying the 4350, 4360, or 4350S.

7. IAAF Foul Board: Constructed of 1" double sided MDO exterior plywood with an orange outdoor enamel coating. The foul board is specially shaped to meet IAAF rule 185. There are two counter-sunk holes for mounting to the base board. The foul board is finished on both sides so that it can be reversible.

Specifier Notes: Remove the following line if specifying the 4360.

8. Aluminum Lid: Constructed of 5/16" thick aluminum plate and 1/4" thick aluminum angle, welded. The lid has a hole for easy removal. Run way surface to be applied to the lid by the installer.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas to receive long jump and triple jump take-off board systems. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### **3.2 INSTALLATION**

- A. Install long jump and triple jump take-off board systems in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.

Long Jump & Triple Jump Take-Off Board Systems

11480 (11 68 33.43) - 4

## SPECIFICATIONS

- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

### 3.3 ADJUSTING

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the take-off board assembly so that it is level with the finished runway surface and secure with-in the tray.

### 3.4 CLEANING

- A. Clean long jump and triple jump take-off board systems promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

### 3.5 DEMONSTRATION

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of long jump and triple jump take-off board systems to Owner's personnel.

### 3.6 PROTECTION

- A. Protect installed long jump and triple jump take-off board systems to ensure equipment will be without damage or deterioration at time of substantial completion.

**END OF SECTION**

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 68 33.43)**

**Discus Cages**

Specifier Notes: This section covers Gill Athletics, Inc. collegiate discus cages. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Collegiate Discus Cages

Specifier Notes: Remove the following line if not specifying the use of a barrier net.

- B. Barrier Nets

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around ground sleeves and surrounding areas.
- C. Section 02535 (32 18 23) Athletic Surfacing: Applying track surface material to the surrounding areas.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to the surrounding areas.

Discus Cages

11480 (11 68 33.43) - 1

## SPECIFICATIONS

### 1.3 REFERENCES

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NCAA – National Collegiate Athletic Association

### 1.4 DESIGN REQUIREMENTS

- A. Discus Cages: Locate positions and orientations of discus cages and their ground sleeves on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide discus cages from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing discus cages similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, excavation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Discus cages shall meet or exceed the latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around December 1.

- 1. NCAA – National Collegiate Athletic Association.

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

Discus Cages

11480 (11 68 33.43) - 2

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS****2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.  
 B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.  
 C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 DISCUS CAGES**

- A. Collegiate Discus Cages: Model No. 732130 NCAA Aluminum Discus Cage.
1. Ground Sleeves: Consists of eight (8) ground sleeves, constructed of 3" Sch40 PVC pipe, 36" long.
  2. Net Poles: Consists of eight (8) net poles, constructed of 2½" Sch40 aluminum pipe. The net poles will be off-set and stand at least 5.3m (17'-4") tall when installed in the ground sleeves. The net poles will have rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.
  3. Hoisting Rope: The rope used to hang the net from the net poles will be 1/4" braided polyester.
  4. Net: Constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 ¾" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 340lb break strength, rope bound, size 16'-6"x 68'-6". The main net has an opening and additional net extension sewn into it to allow for entry into the throwing area from the back of the cage with out impeding safety.
  5. Net Support Tubes: Three (3) net support tubes constructed of 1" OD 14ga galvanized steel tubing.
  6. Flip Arms: Consists of eight (8) flip arms constructed of 3/8" x 2" steel and 36" long, with a powder coat finish. The flip arms will be attached to the four forward net poles at ground level and to the bottom edge of the net to keep the net secured.

Discus Cages

11480 (11 68 33.43) - 3

SPECIFICATIONS

7. Hardware: All hardware is to be zinc plated.
8. Warning Signs: Consists of three (3) warning signs constructed of polyethylene board 10" x 14". The warning signs will be fastened to the outside of the net, at eye level, facing outward, at the front sides of the discus cage and at the rear of the discus cage.

Specifier Notes: Remove the following item if not specifying a barrier net.

- B. Barrier Nets: Model No. 732132 Barrier Net for the 732130 Discus Cage
  1. Net: Constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 3/4" stretch mesh); raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 8' x 77'-3".

**PART 3 EXECUTION**

**3.1 EXAMINATION**

- A. Examine areas to receive discus cages. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

**3.2 INSTALLATION**

- A. Install discus cages in accordance with manufacturer's instructions and in compliance with local codes and regulations at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the height of the net as needed.

**3.4 CLEANING**

- A. Clean the discus cages promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.

- D. Do not remove warning labels and details.

### 3.5 DEMONSTRATION

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of discus cages to Owner's personnel.

### 3.6 PROTECTION

- A. Protect installed discus cages to ensure equipment will be without damage or deterioration at time of substantial completion.

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Long Jump & Triple Jump Take-Off Board Systems**

Specifier Notes: This section covers Gill Athletics, Inc. long jump and triple jump take-off board systems. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Long Jump & Triple Jump Take-Off Board Systems:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around take-off board tray.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material up to the edges of the take-off board tray and the top of the take-off board lid.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Long Jump & Triple Jump Take-Off Board Systems

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. USATF – USA Track & Field
- B. NCAA – National Collegiate Athletic Association
- C. IAAF – International Association of Athletic Federations

### 1.4 DESIGN REQUIREMENTS

- A. Long Jump & Triple Jump Take-Off Board Systems: Locate positions of take-off boards on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide long jump and triple jump take-off board systems from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing long jump and triple jump take-off board systems similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Long jump and triple jump take-off board systems shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Collegiate Athletic Association (NCAA).
- 2. USA Track & Field (USATF).
- 3. International Association of Athletic Federations (IAAF).

### 1.7 DELIVERY, STORAGE, AND HANDLING

Long Jump & Triple Jump Take-Off Board Systems

11480 (11 68 33.43) - 2

## SPECIFICATIONS

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

### 1.8 WARRANTY

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

## PART 2 PRODUCTS

### 2.1 MANUFACTURER

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

### 2.2 LONG JUMP & TRIPLE JUMP TAKE-OFF BOARD SYSTEMS

Specifier Notes: Specify the following paragraph for all long jump and triple jump take-off board systems. Specify one of the following model numbers: **444** – Collegiate Take-Off Board System with wood take-off board, **444S** – Collegiate Take-Off Board System with synthetic take-off board.

- A. Long Jump & Triple Jump Take-Off Board Systems: Model No. \_\_\_\_\_ Collegiate Take-Off Board System.
  - 1. Aluminum Tray: Constructed of 3/16" thick aluminum, formed and welded.
  - 2. Aluminum Base Board: Constructed of 1/8" aluminum sheet (3003), formed to shape. All adjustment screws are stainless steel. The base board can be adjusted for level and height, using six adjustment screws, without removing the base board from the tray. There are four threaded fasteners for attaching the take-off board.

Specifier Notes: Remove the following line if specifying the 444S.

Long Jump & Triple Jump Take-Off Board Systems

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SPECIFICATIONS

3. Wood Take-Off Board: Constructed of ¾" AB marine grade plywood with a white outdoor enamel coating. There are four counter-sunk holes for mounting to the base board. The take-off board is finished on both sides so that it can be reversible.

Specifier Notes: Remove the following line if specifying the 444.

4. Synthetic Take-Off Board: Constructed of ¾" white HDPE plastic. There are four counter-sunk holes for mounting to the base board. The take-off board is finished on both sides so that it can be reversible.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas to receive long jump and triple jump take-off board systems. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### **3.2 INSTALLATION**

- A. Install long jump and triple jump take-off board systems in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

#### **3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the take-off board assembly so that it is level with the finished runway surface and secure with-in the tray.

#### **3.4 CLEANING**

- A. Clean long jump and triple jump take-off board systems promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.

- D. Do not remove warning labels and decals. <sup>SPECIFICATIONS</sup>

### 3.5 DEMONSTRATION

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of long jump and triple jump take-off board systems to Owner's personnel.

### 3.6 PROTECTION

- A. Protect installed long jump and triple jump take-off board systems to ensure equipment will be without damage or deterioration at time of substantial completion.

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Discus Circles**

Specifier Notes: This section covers Gill Athletics, Inc. discus circles. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Discus Circles:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around discus circle.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material up to the edges of the discus circle.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Discus Circles

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### 1.4 DESIGN REQUIREMENTS

- A. Discus circles: Locate positions of discus circles on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide discus circles from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing discus circles similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Discus circles shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

1. National Federation of State High School Associations (NFHS).
2. National Collegiate Athletic Association (NCAA)
3. International Association of Athletics Federations (IAAF)

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.

Discus Circles

11480 (11 68 33.43) - 2

SPECIFICATIONS

- C. Handling: Protect materials and finish from damage during handling and installation.

1.8 WARRANTY

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

PART 2 PRODUCTS

2.1 MANUFACTURER

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify one of the following two paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

2.2 DISCUS CIRCLES

Specifier Notes: Specify the following paragraph for all discus circles. Add model number, either 367 – Aluminum Discus Circle with Cross-bracing, 370 – Aluminum Discus Circle, 375 – Aluminum 2” Discus Circle, 371 – Powder Coated Steel Discus Circle, or 3751 Aluminum Discus Throwing circle Form

- A. Discus Circles: Model No. \_\_\_\_\_ Discus Circle.

Specifier Notes: Remove the following line if specifying the 370, 375, 3751, or 371 Discus Circle.

- 1. Circle: Consists of two halves of a circle constructed of 3' x 1/4" aluminum flat, 6061-T6, with 3/4" x 1" aluminum angle cross-bracing. The circle shall be cast in concrete so that the throwing surface is depressed 3/4". The circle shall have a 8'-2 7/16" diameter.

Specifier Notes: Remove the following line if specifying the 367, 375, 3751, or 371 Discus Circle.

- 2. Circle: Consists of four quarters of a circle constructed of 1" x 3/4" x 1/4" aluminum angle, 6061-T6. The circle shall be cast in concrete so that the throwing surface is depressed 3/4" or mounted to the top of the concrete pad. The circle shall have a 8'-2 7/16" diameter.

Specifier Notes: Remove the following line if specifying the 367, 370, 3751, or 371 Discus Circle.

- 3. Circle: Consists of two halves of a circle constructed of 2" x 2" x 1/4" aluminum angle, 6061-T6. The circle shall be cast in concrete so that the throwing surface is depressed 3/4". The circle shall have a 8'-2 7/16" diameter.

Discus Circles

11480 (11 68 33.43) - 3

## SPECIFICATIONS

Specifier Notes: Remove the following line if specifying the 367, 370, 3751, or 375 Discus Circle.

4. Circle: Consists of three thirds of a circle constructed of 1/4" x 1 1/2" steel flat with a white powder coat finish. The circle shall be anchored to the top of the concrete pad. The circle shall have a 8'-2 7/16" diameter.

Specifier Notes: Remove the following line if specifying the 367, 370, 371, or 375 Discus Circle.

4. Circle: Consists of four quarters of a circle constructed of 3" x 1/4" Aluminum flat with. The circle shall be cast in concrete so that the throwing surface is depressed 3/4" and the outer portion is filled flush with the top of the form. The circle shall have a 8'-2 7/16" diameter.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas to receive discus circles. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### **3.2 INSTALLATION**

- A. Install discus circles in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

#### **3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

#### **3.4 CLEANING**

- A. Clean discus circles promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.

Discus Circles

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SPECIFICATIONS

- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of discus circles to Owner's personnel.

**3.6 PROTECTION**

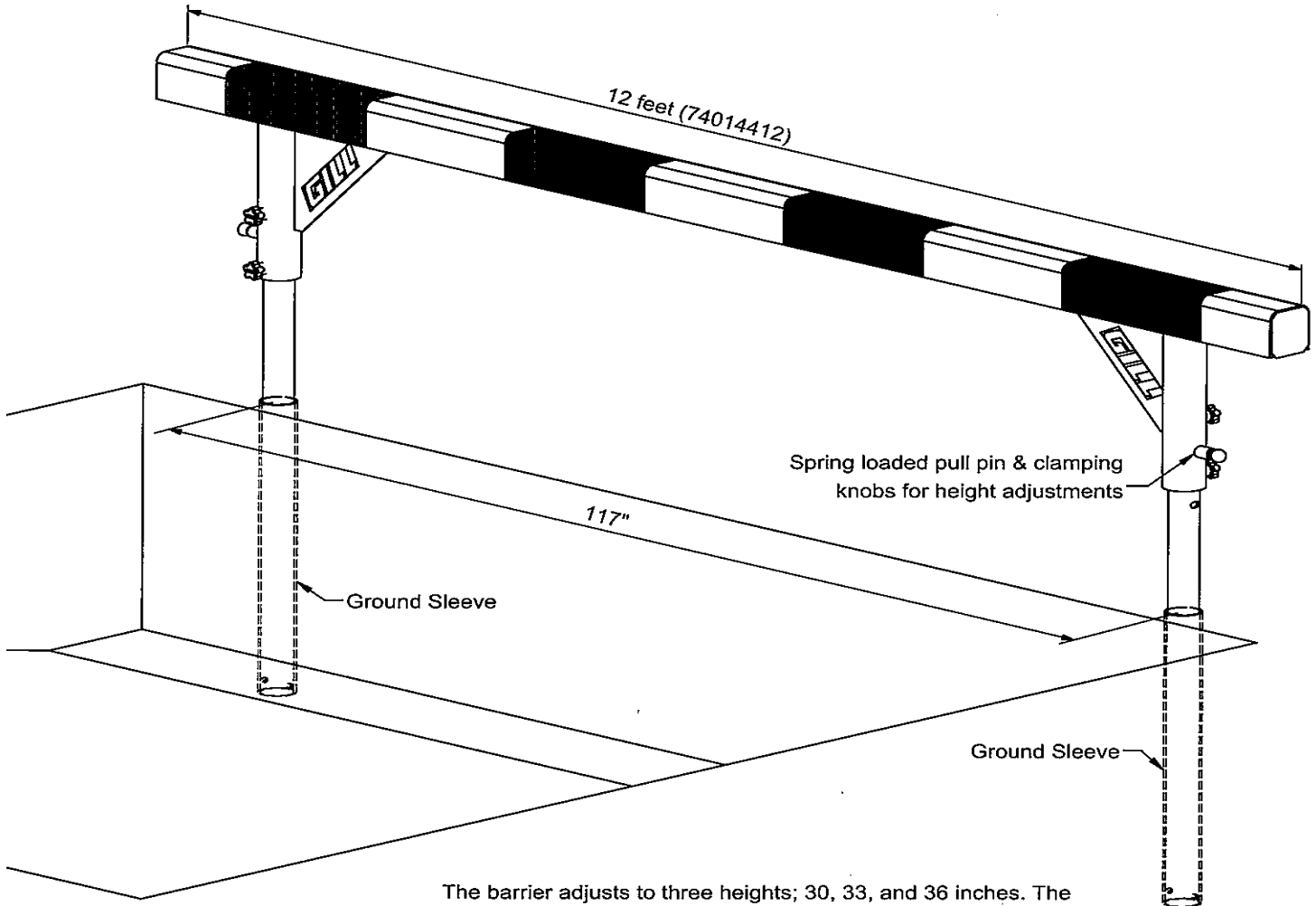
- A. Protect installed discus circles to ensure equipment will be without damage or deterioration at time of substantial completion.



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**740134 - WATER JUMP BARRIER - GROUND SLEEVED**  
SPECIFICATIONS **INSTRUCTIONS**

The 740134 Water Jump Barrier is designed to be using ground sleeves set into the wall of a water jump pit. The beam is 12 feet wide



The barrier adjusts to three heights; 30, 33, and 36 inches. The beam is locked in position with a stainless steel spring loaded pull pin and clamping knobs.

The beam is constructed of 4 inch square 11 gauge steel tube, covered on three sides with 1/2 inch thick Vultrak track surface.

The leg assemblies are fabricated from 2-1/2 " and 3-1/2" Sch 40 steel pipe with spring assist. The legs are painted with powder coat for a durable finish.

The leg assemblies are installed into PVC ground sleeves 32 inches deep.

NCAA compliant and IAAF certified.

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# 740134 - WATER JUMP BARRIER - GROUND SLEEVED INSTRUCTIONS

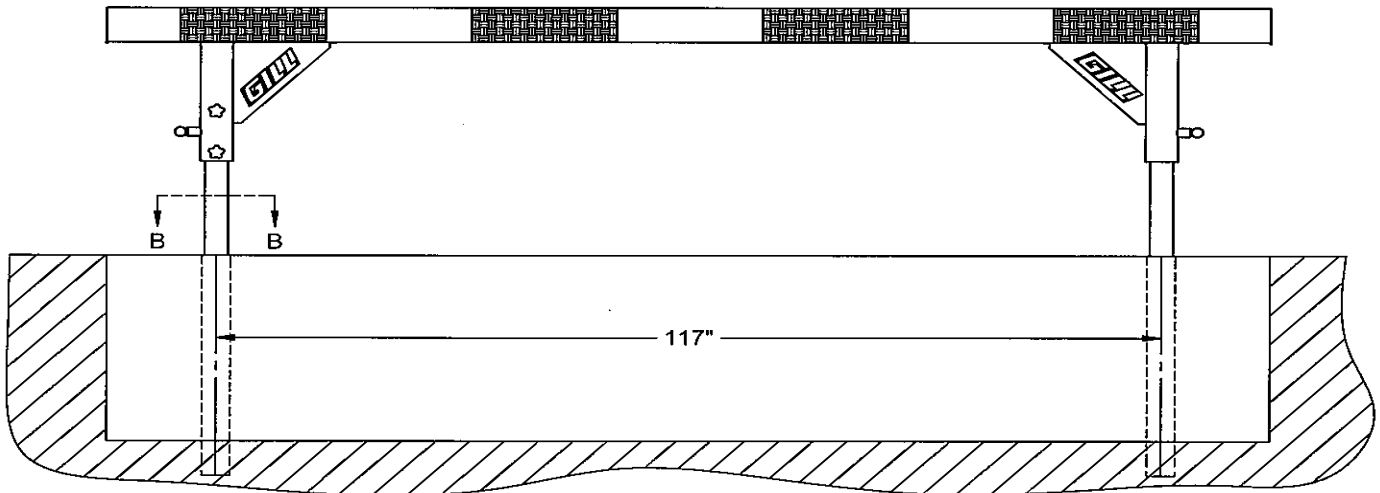
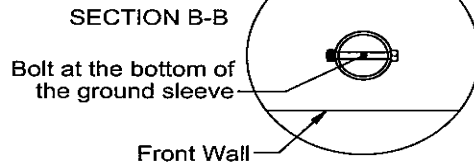
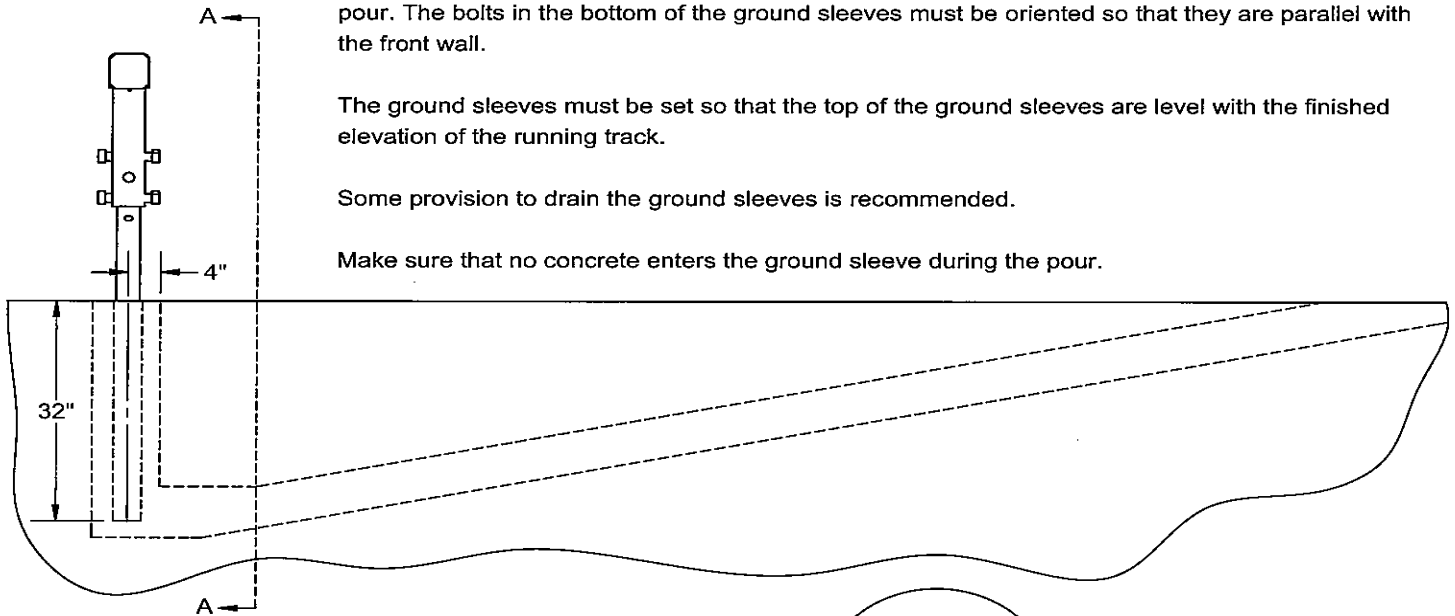
The ground sleeves must be installed at the same time as the front wall of the water jump pit. The ground sleeves will be cast into the concrete of the front wall of the water jump pit.

It is critical that the ground sleeves be located correctly and held plumb during the entire concrete pour. The bolts in the bottom of the ground sleeves must be oriented so that they are parallel with the front wall.

The ground sleeves must be set so that the top of the ground sleeves are level with the finished elevation of the running track.

Some provision to drain the ground sleeves is recommended.

Make sure that no concrete enters the ground sleeve during the pour.



SECTION A-A

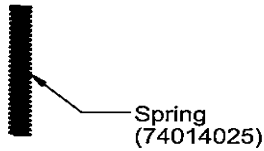
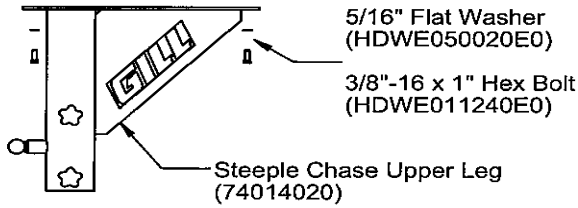
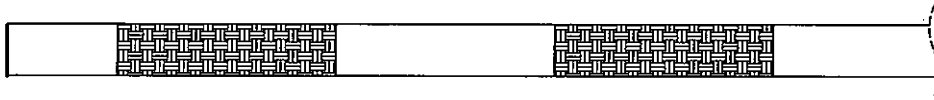
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**740134 - WATER JUMP BARRIER - GROUND SLEEVED**  
SPECIFICATIONS **INSTRUCTIONS**



Bolt the upper legs to the bottom of the beam in four places per leg.

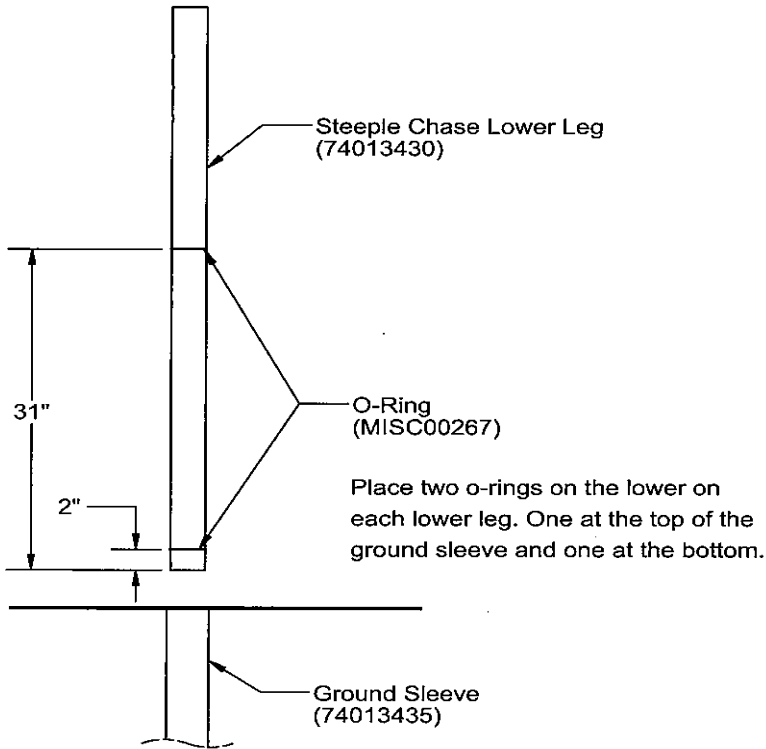
Slide the lower legs into the ground sleeves.

Slide the spring into the top of the lower leg.

Make sure the clamping knobs are backed out.

With at least two people, lift the beam and slide the upper legs onto the lower legs.

Pull the pin out to adjust to the designed height. Tighten the clamping knobs to secure the beam.



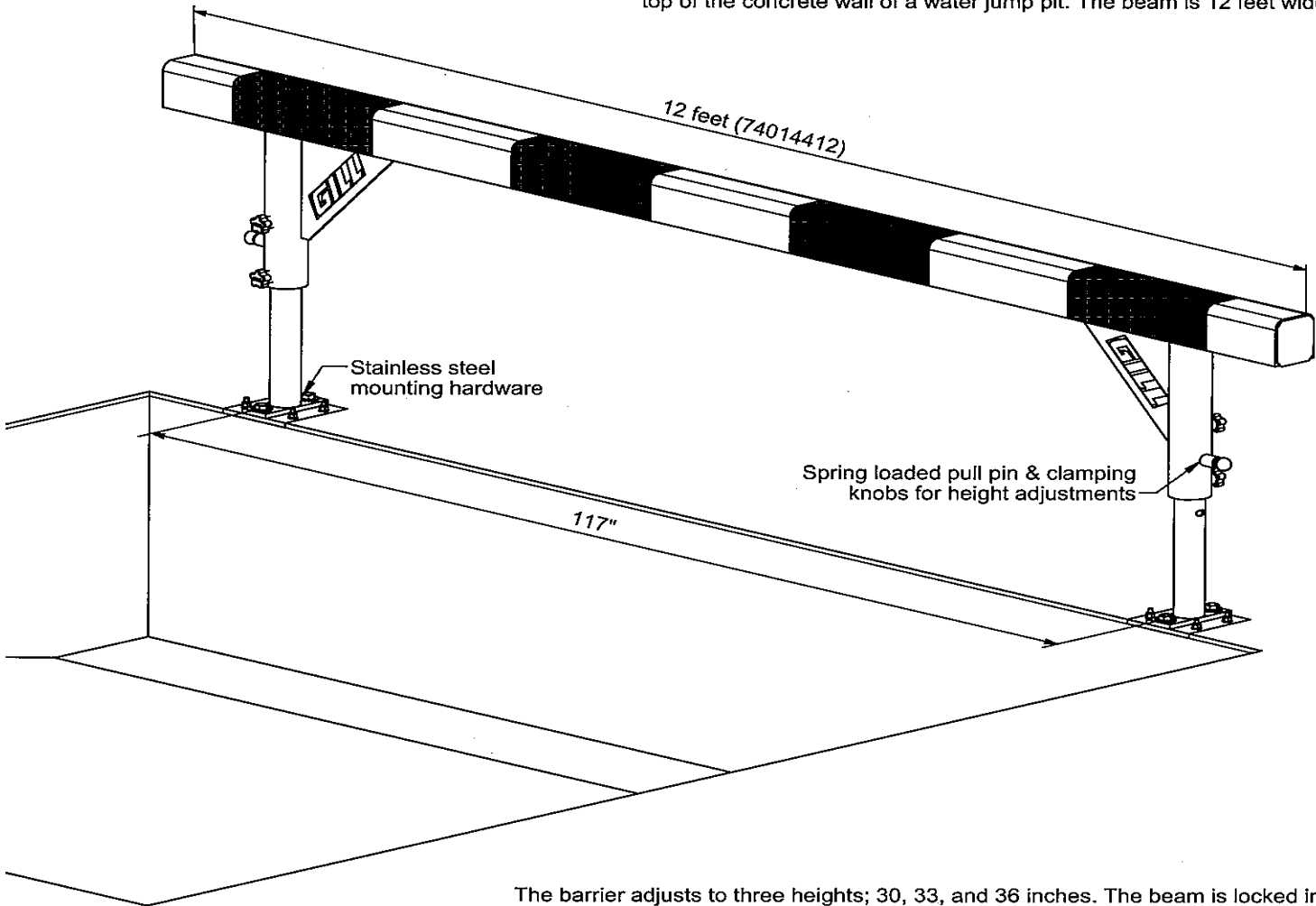
THIS WARNING IS GIVEN IN COMPLIANCE WITH CALIFORNIA'S PROPOSITION 65:  
**WARNING**  
This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.



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**740144 - WATER JUMP BARRIER - SURFACE MOUNT**  
SPECIFICATIONS **INSTRUCTIONS**

The 740144 Water Jump Barrier is designed to be mounted to the top of the concrete wall of a water jump pit. The beam is 12 feet wide



The barrier adjusts to three heights; 30, 33, and 36 inches. The beam is locked in position with a stainless steel spring loaded pull pin and clamping knobs.

The beam is constructed of 4 inch square 11 gauge steel tube, covered on three sides with 1/2 inch thick Vultrak track surface.

The leg assemblies are fabricated from 2-1/2" and 3-1/2" Sch 40 steel pipe with spring assist. The legs are painted with powder coat for a durable finish.

The leg assemblies bolt securely to half inch thick stainless steel anchor plates. These plates are secured to the top of the pit wall with four concrete anchors each.

NCAA compliant and IAAF certified.

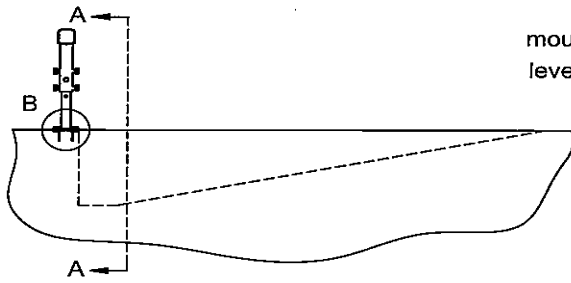
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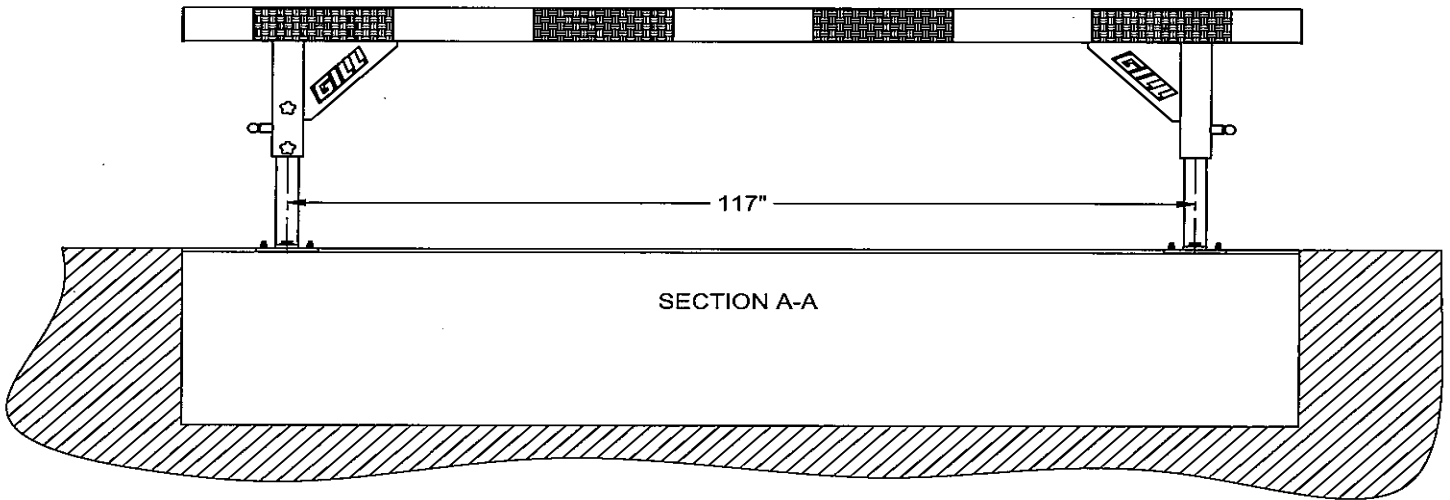
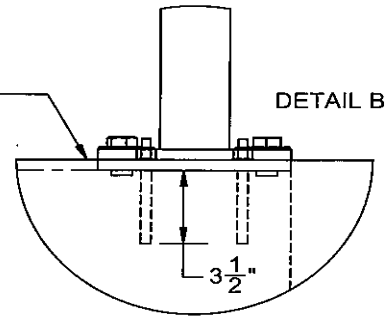


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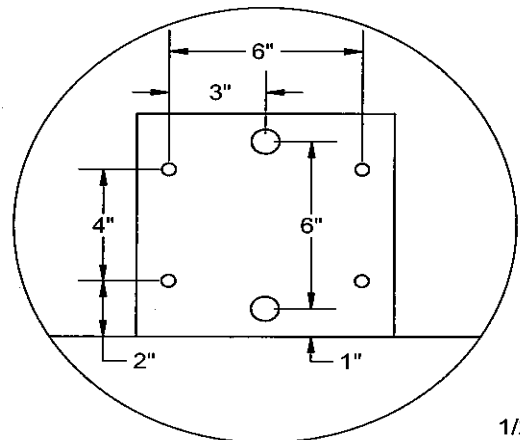
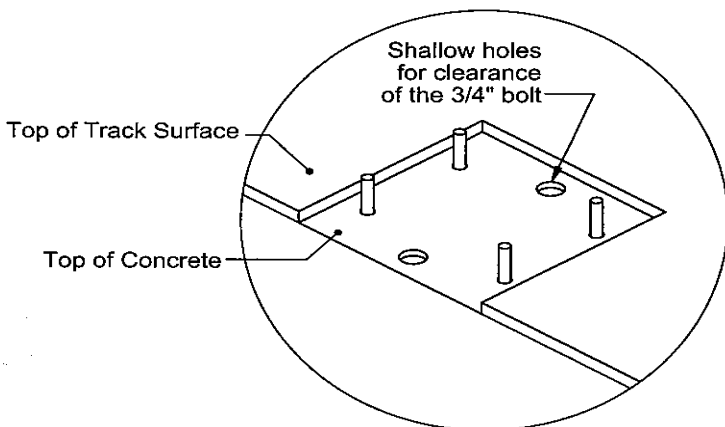
# 740144 - WATER JUMP BARRIER - SURFACE MOUNT SPECIFICATIONS INSTRUCTIONS



Install the stainless steel mounting plate so that the top is level with the finished elevation.



For each mounting plate, drill four  $\phi 7/16$ " holes 3-1/2" deep and two  $\phi 7/8$ " holes 1/4" deep.  
Use acrylic anchoring adhesive (not included) to secure the anchor studs in the holes.



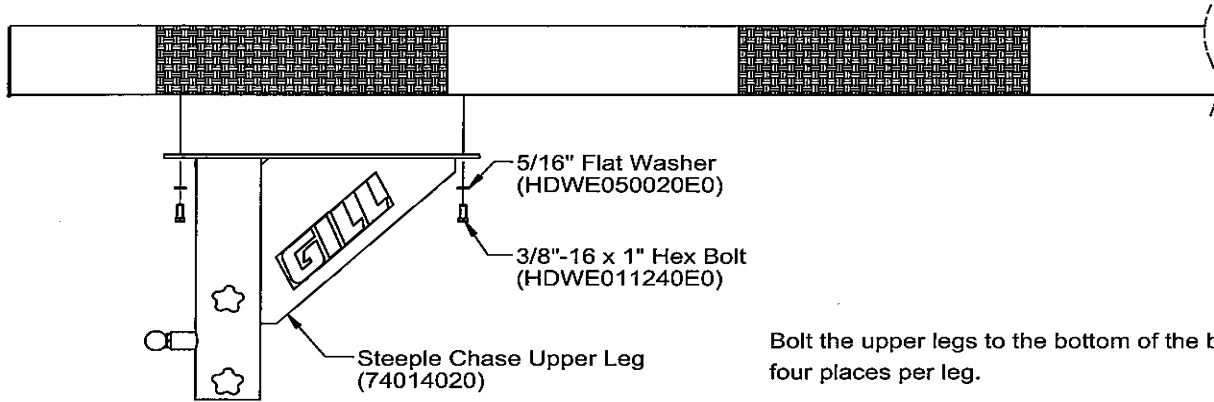
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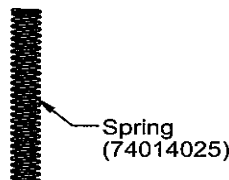


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**740144 - WATER JUMP BARRIER - SURFACE MOUNT**  
SPECIFICATIONS INSTRUCTIONS



Bolt the upper legs to the bottom of the beam in four places per leg.



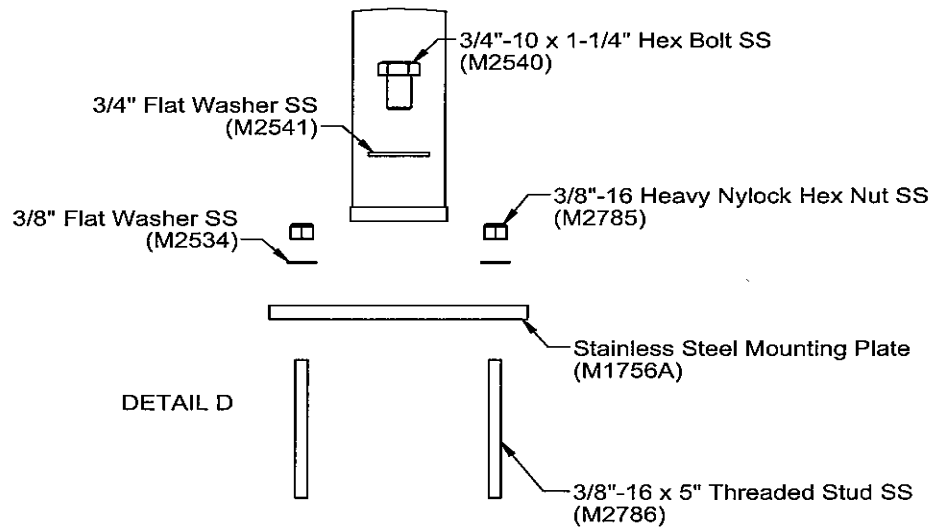
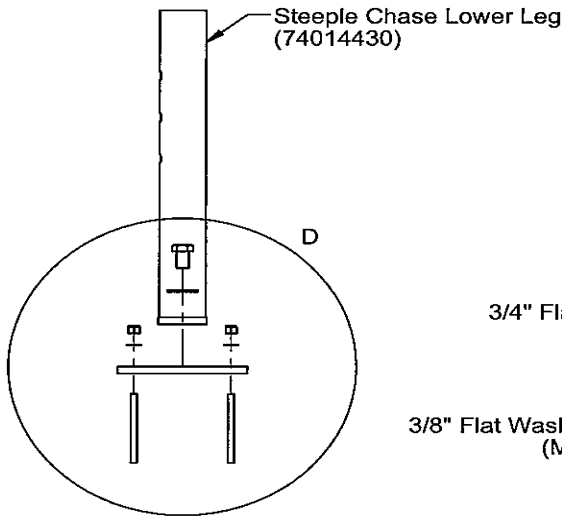
Bolt lower leg to the mounting plate.

Slide the spring into the top of the lower leg.

Make sure the clamping knobs are backed out.

With at least two people, lift the beam and slide the upper legs onto the lower legs.

Pull the pin out to adjust to the designed height. Tighten the clamping knobs to secure the beam.



THIS WARNING IS GIVEN IN COMPLIANCE WITH CALIFORNIA'S PROPOSITION 65:  
**WARNING**  
This product contains chemicals known to the State of California to cause cancer, birth defects or other reproductive harm.

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suggestions@gillathletics.com

1/21/2013  
INST740144  
Page 3 of 3



## F500 Steeplechase Waterjump with Valve Option

### Installation Guide

*Read all instructions before installing!!!*

#### Excavation

Establish the proper location for the water jump pit based on plans and specs. Excavate a pit which is approximately 18' wide by 16' long, with depth of the pit being 1'0" deep at the shallow (exit) end and 3'3" at the deep (entry) end. Consider local soil conditions to be sure that the pit provides proper sub-surface drainage before installing formwork. Prepare base according to plans and specs, generally 8" or more of granular material.

#### Assembly

The wall form is designed to be filled with concrete, in effect, acting as a 'stay-in-place' form. Place the front panel in position inside the pit on support blocks placed under the lowest surface of the formwork. The uppermost edge of the form should be at finished grade less the thickness of the artificial track surface to be installed. Establish the final location of the pit then secure the form into position with rebar stakes driven into the sub grade alongside the form. Position the side and corner panels as per drawing "F500A ASSY" and assemble with stainless steel hardware provided. The mounting flanges on the side wall inner panels are fastened behind the ends of the front wall inner panel. When all five panels are assembled, level the entire form by shimming at the support blocks until the uppermost surface of the structure is at the proper grade, while also squaring up the assembly by measuring corner to corner (diagonal) dimensions and adjusting until these are equal. Alternately, the five panels can be bolted together first and then placed in position on the leveling blocks inside the pit, then leveled and squared. Barrier mounting plate anchor studs are cast into the front concrete wall. Refer to drawing "F500A" and verify centerline spacing is 117".

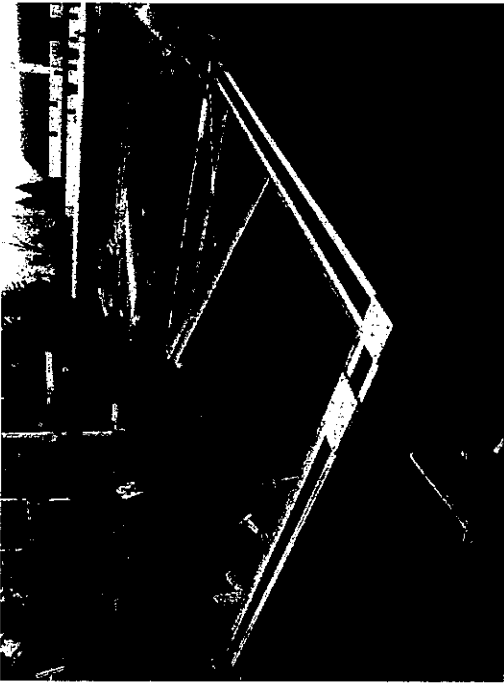
The drain valve is located at the bottom of the front panel. Assemble the valve in the wall in accordance with drawing "F50050 Inst". The wood blocking is to be left in place during the concrete pour to prevent concrete from flowing into the valve box. It is recommended that a release agent be applied to the wood blocking as it needs to be removed after the concrete has set. Once the forms are in place, leveled, and secured, bring the drain pipe to the front wall and thread it into the bulkhead fitting. The bulkhead will receive 3" pipe. Once the drainage pipe is in place and secured, check the position and level of the forms to ensure they did not move.

#### Concrete Placement

Place reinforcing steel or wire mesh in the pit floor. Concrete can now be placed for the entire structure in either one pour or two. Verify form walls are square and check the width of the structure at the top before and during the concrete pour to insure a proper dimension for the pit covers. Pit inside width must be maintained at 12 feet. Finish concrete inside the wall forms to the top of the double wall structure. When pouring concrete ensure that no concrete gets into the valve box through either the opening at the bottom of the wall or through the 2" sq aluminum tube that runs from the top of the rear wall down to the valve box. If two pours are used, concrete for the floor is then placed and finished as usual. After the concrete has set, the wood blocking at the bottom of the front wall should be removed. Install the drain grate over the valve box opening using two SS self-drilling screws, 1 1/4" long (provided).

Synthetic track surfacing will be finished to the uppermost surface of the form, covering the entire wall structure, and down the sloped floor of the pit to a distance specified in the track plans. The stainless steel surface mounted beam anchor plates must be installed on top of the front wall before the track surface is applied.





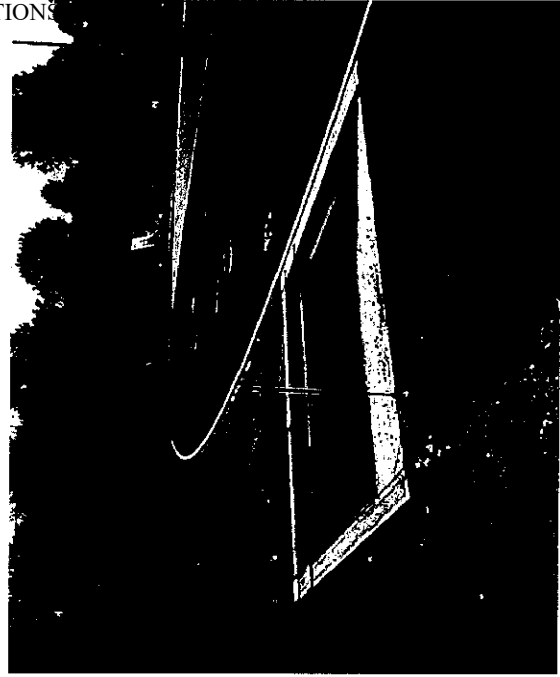
**F500 Steeplechase**  
Set the form in the dug out area for the pit. Include panel for support for the floor. Level to finished grade, square by measuring diagonal and insert 12' supports.



**SPECIFICATIONS**



Pour concrete into form and level off. Use ledges on the side walls and front wall to level off the floor.

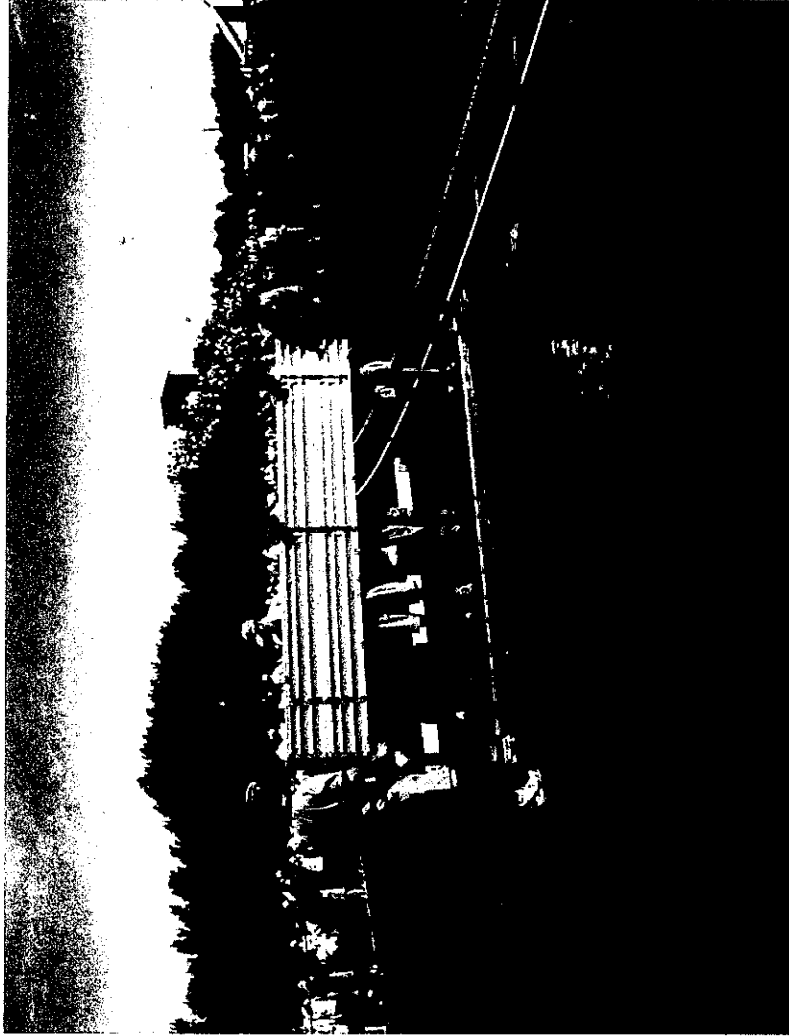


SPECIFICATIONS

Gill Athletics [www.gillathletics.com](http://www.gillathletics.com) Ph: (800) 367-3090 Fax: (217) 367-8440

**F500 Steeplechase Water Jump Form**

Here is a finished look at the water pit. Most of the sides and floor are covered with track surface. Please refer to track specifications and rules for surfaces to be covered with track surface material.

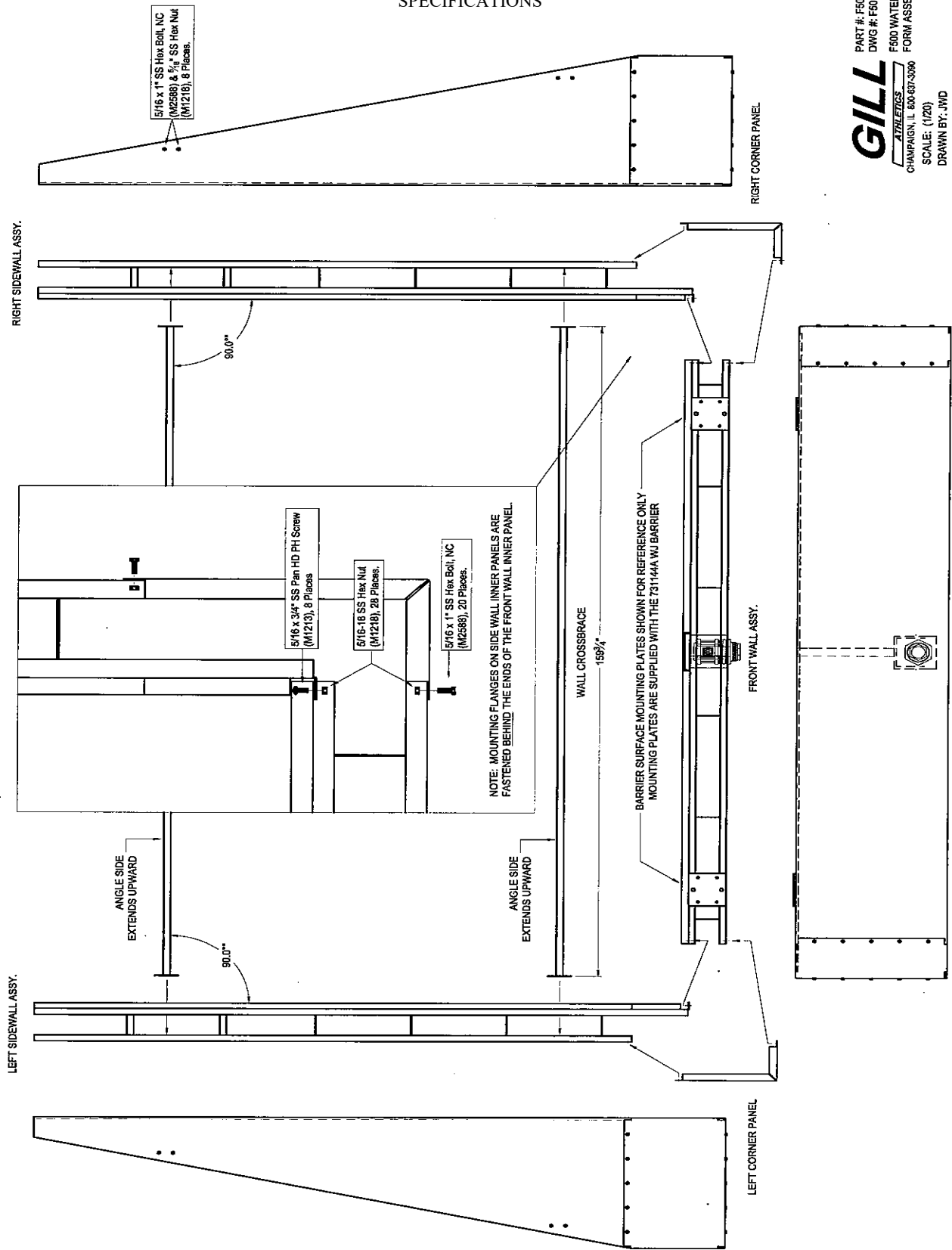


THIS WARNING IS GIVEN IN COMPLIANCE  
WITH CALIFORNIA'S PROPOSITION 65:

**WARNING**

This product contains chemicals known to the  
State of California to cause cancer, birth defects  
or other reproductive harm.

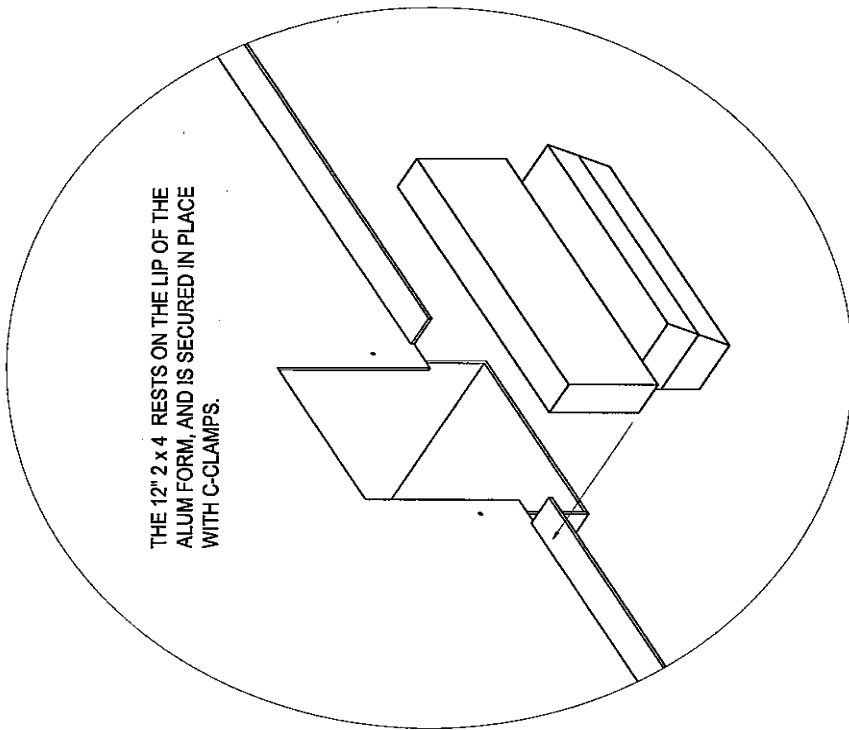
SPECIFICATIONS



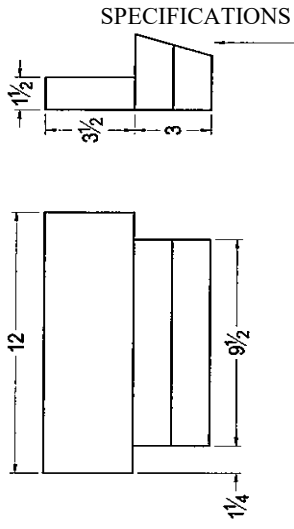
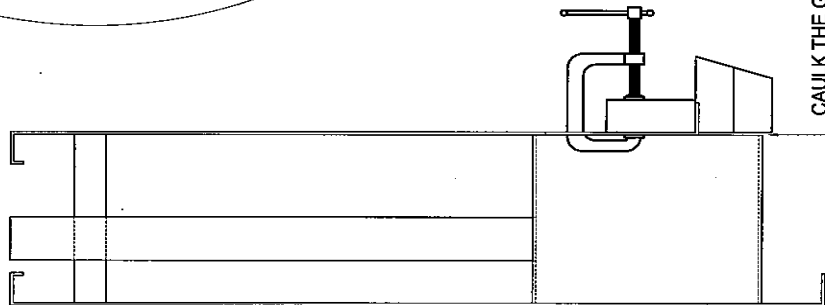
**GILL**  
ATHLETICS  
CHAMPAIGN, IL 600-637-3090

PART #: F500  
DWG #: F500A ASSY  
F500 WATER JUMP  
FORM ASSEMBLY

SCALE: (1/20)  
DRAWN BY: JWD  
DATE: 04/07/08



2 x 4'S SCREWED TOGETHER TO MAKE REMOVABLE "BOX OUT" FOR THE ACCESS PANEL.  
 USE #6 x 2" LONG WOOD SCREWS, TO ASSEMBLE 2 x 4'S.

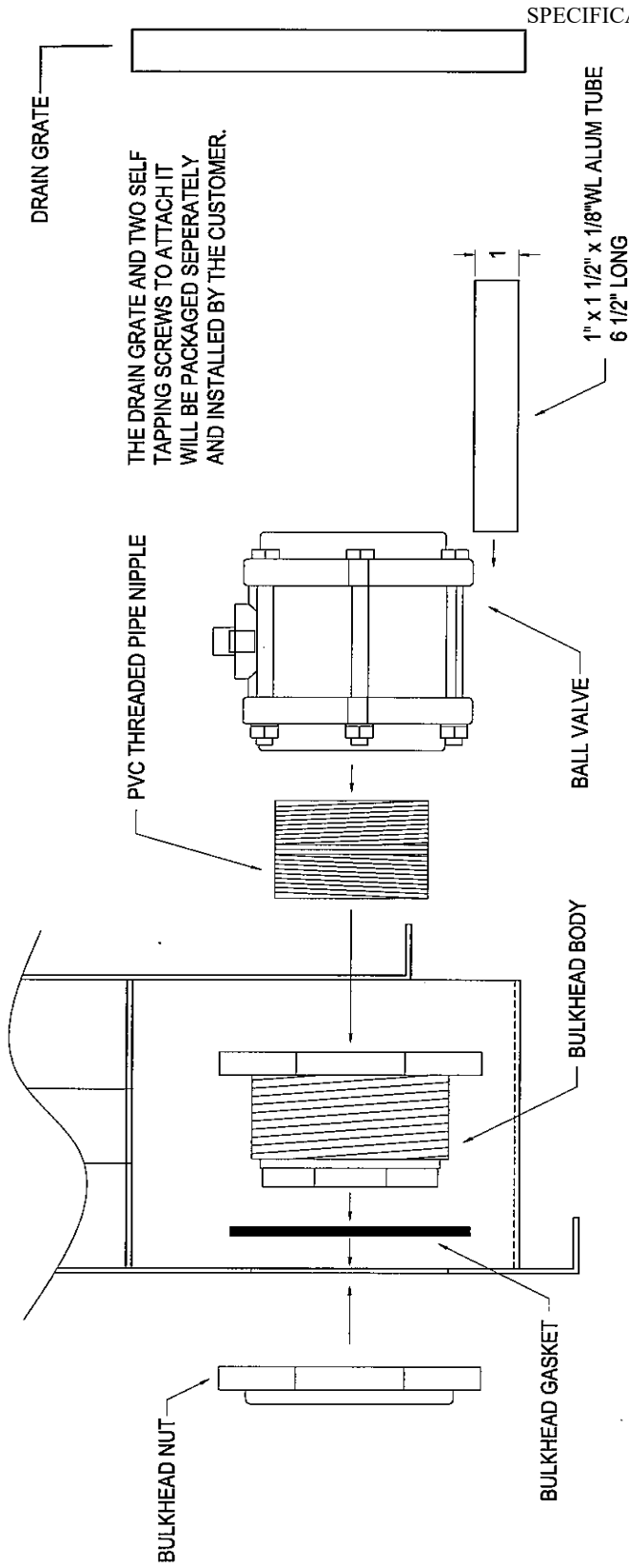


BEVEL LEADING FRONT FACE TO FACILITATE REMOVAL AFTER CONCRETE HAS SET. SIDES MUST REMAIN NEARLY VERTICAL TO PROVIDE GOOD CLEARANCE FOR DRAIN GRATE

REVISIONS



PART #: F50050  
 DWG #: F50050 Inst.1  
 SC WJ FORM W/ VALVE OPTION  
 CHAMPAIGN, IL 800-637-3090  
 SCALE: 1/5  
 R & D:  
 DRAWN BY: JWD  
 DATE: 04/07/08  
 PROD:  
 PURCH:



THE BULKHEAD IS TO BE INSTALLED IN THE OUTSIDE WALL (F50011-50) THROUGH THE Ø 4 1/2" HOLE WITH THE BODY AND GASKET PORTIONS INSIDE THE VALVE BOX AND THE NUT ON THE OUTSIDE. THE BULKHEAD SHALL BE PROPERLY TIGHTENED.

THREAD THE NIPPLE INTO THE BULKHEAD AND THE VALVE ONTO THE NIPPLE. THE VALVE'S FINAL ORIENTATION SHOULD BE SUCH THAT THE BOLT FACES DIRECTLY UP THE 2" SQUARE ALUM SHAFT. CHECK FOR ALIGNMENT BY LOOKING DOWN THROUGH THE 2" SQ ALUM SHAFT.

SLIDE THE 1" x 1 1/2" ALUM TUBE UNDER THE VALVE.

M740  
POLYPROPYLENE BOLTED-BODY BALL VALVE,  
STANDARD PORT, 3" NPT FEMALE CONNECTION  
9771K36

M746  
DRAIN GRATE, 9" x 9" x 1 1/8", BLACK  
NDS 980

M744  
PVC SCH 80 THREADED PIPE NIPPLE, 3" PIPE  
SIZE x 2-5/8" LENGTH, FULLY THREADED  
4882K19

M985  
1" x 1 1/2" x 1/8"WL ALUM TUBE, 6 3/4" LONG

M745  
BULKHEAD FITTING, PVC, FEMALE  
NPT x FEMALE NPT, 3" PIPE SIZE  
36895K127

M22271  
410 SS FL HD PHILLIPS SELF DRILLING SCREW  
8-18 THREAD, 1 1/4" LENGTH, DRILL POINT #2  
94195A150

**GILL**

ATHLETICS

CHAMPAIGN, IL 900-637-3090

SCALE: 1/3

DRAWN BY: CEB

DATE: 09/13/05

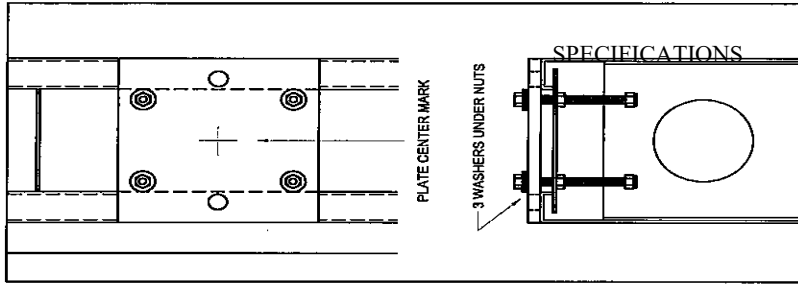
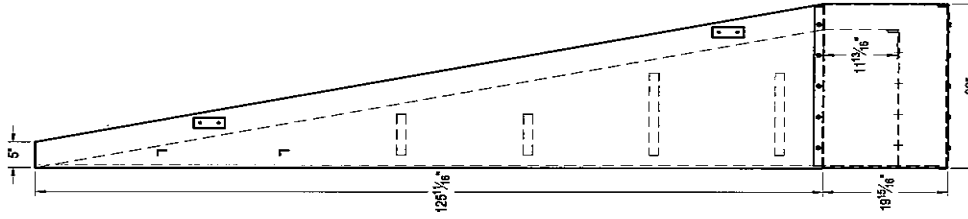
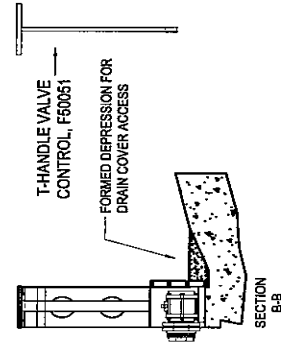
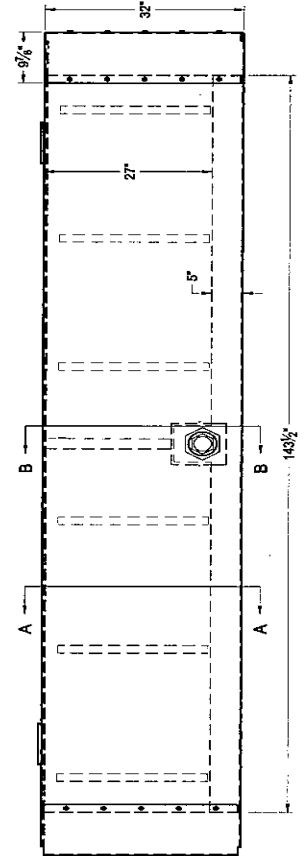
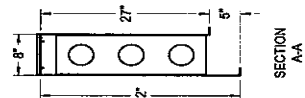
PART #: F50050  
DWG #: F50050 Inst 2  
SC WJ FORM W/ VALVE OPTION  
VALVE INSTALLATION

- NOTES:**
- 1.) FORM WALLS ARE DESIGNED TO BE COVERED WITH TRACK SURFACE. WHEN SETTING THE COMPLETED FORM, ENSURE THE TOP OF THE WALLS ARE BELOW FINISHED GRADE OF THE TRACK TO ALLOW FOR THE THICKNESS OF THE TRACK SURFACE TO BE INSTALLED.
  - 2.) VERIFY THE PAN HEAD SCREWS SECURING THE INNER WALL SECTIONS ARE INSTALLED WITH THE PAN HEAD EXPOSED. SEE DRAWING "F500A ASSY".
  - 3.) DURING THE CONCRETE POUR, MONITOR THE DISTANCE BETWEEN THE SIDE WALLS. WALLS MUST REMAIN 12 FEET APART AT ALL POINTS. DEVIATIONS OF MORE THAN 1/2" MAY CAUSE PROBLEMS FITTING PIT COVERS.
  - 4.) DRAIN COVER MUST BE REMOVABLE TO SERVICE THE DRAIN VALVE. ENSURE THE COVER IS NOT TRAPED IN PLACE BY THE CONCRETE FLOOR OF THE PIT. REFER TO DRAWING F500050 Inst 1.

**MOUNTING PLATE STUD INSTALLATION**

BARRIER MOUNTING PLATES ARE SECURED TO THE FORMS WITH FOUR 3/4" x 16 x 5" SS MOUNTING STUDS. THESE STUDS ARE SET IN THE WALL DURING THE CONCRETE POUR. THE 8" SQUARE PLYWOOD PLATES WILL HOLD THE STUDS IN THE CORRECT POSITION IF PLACED 117" APART ON CENTER (CENTER OF PLATE TO CENTER OF PLATE). THE THREE WASHERS ON TOP OF THE PLATE AT EACH STUD, SET THE STUDS AT THE PROPER DEPTH IN THE CONCRETE. THE TWO 3/4" HOLES MUST LINE UP WITH THE CORRESPONDING HOLES IN THE FRONT WALL SECTION. TO ENSURE CONCRETE DOES NOT WILL UP INTO THESE HOLES, TAPE THE BOTTOM OF THE HOLES IN THE FORM. THE ACTUAL STAINLESS STEEL MOUNTING PLATES ARE SHIPPED WITH THE WATER JUMP BARRIER.

BARRIER MOUNTING PLATES ARE NOT A PART OF THE FORMS.  
PLYWOOD PATTERNS ARE USED TO SET MOUNTING STUDS.



MOUNTING PLATE STUD  
INSTALLATION

**GILL**

ATZLETZGS  
CHAMPAIGN, IL 800-537-3080

PART #: F500A50  
DWG #: F500A50

F500A50 SURFACE MOUNT FORM  
WITH VALVE OPTION

SCALE: (1/20)

DRAWN BY: JWD  
DATE: 04/07/08



## F510 Steeplechase Water Jump with Sleeves

### Installation Guide

*Read all instructions before installing!!*

#### Excavation

Establish the proper location for the water jump pit based on plans and specs. Excavate a pit which is approximately 18' wide by 16' long, with depth of the pit being 1'0" deep at the shallow (exit) end and 3'3" at the deep (entry) end. Consider local soil conditions to be sure that the pit provides proper sub-surface drainage before installing formwork. Prepare base according to plans and specs, generally 8" or more of granular material.

#### Assembly

The wall form is designed to be filled with concrete, in effect, acting as a 'stay-in-place' form. Place the front panel in position inside the pit on support blocks placed under the lowest surface of the formwork. The uppermost edge of the form should be at finished grade less the thickness of the artificial track surface to be installed. Establish the final location of the pit then secure the form into position with rebar stakes driven into the sub grade alongside the form. Position the side and corner panels as per drawing "F500A ASSY" and assemble with stainless steel hardware provided. The mounting flanges on the side wall inner panels are fastened behind the ends of the front wall inner panel. When all five panels are assembled, level the entire form by shimming at the support blocks until the uppermost surface of the structure is at the proper grade, while also squaring up the assembly by measuring corner to

corner (diagonal) dimensions and adjusting until these are equal. Alternately, the five panels can be bolted together first and then placed in position on the leveling blocks inside the pit, then leveled and squared. The ground sleeves are welded in place in the front wall form. To properly orient the lower legs of the water jump barrier, there is a 1/2" thru bolt in the base of each sleeve.

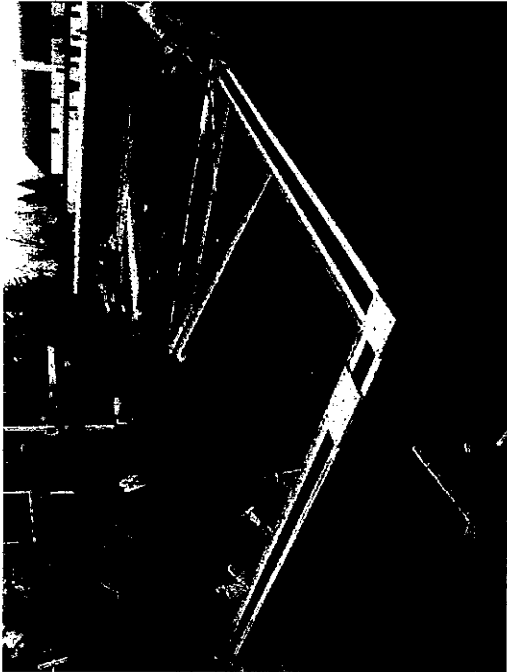
Before pouring concrete, verify these bolts are in place. The sleeves extend 1/2" above the form to be even with the finished track surface at this point.

Proper barrier height requires 1/2" of track surface over the top of the finished pit walls.

#### Concrete Placement

Place reinforcing steel or wire mesh in the pit floor. Concrete can now be placed for the entire structure in either one pour or two. Take care that concrete does not get into the sleeve tubes. Finish concrete inside the wall forms to the top of the double wall structure. If two pours are used, concrete for the floor is then placed and finished as usual. After the concrete has set hard, backfill the entire structure according to plans and specifications. Check the width of the structure before concrete sets to insure a proper dimension for the pit covers. Maintain vertical as well as horizontal squareness.

Synthetic track surfacing will be finished to the uppermost surface of the form, covering the entire wall structure, and down the sloped floor of the pit to a distance specified in the track plans.



**F500 Steeplechase**

Set the form in the dug out area for the pit. Include panel for support for the floor. Level to finished grade, square by measuring diagonal and insert 12' supports.

**SPECIFICATIONS**



Pour concrete into form and level off. Use ledges on the side walls and front wall to level off the floor.

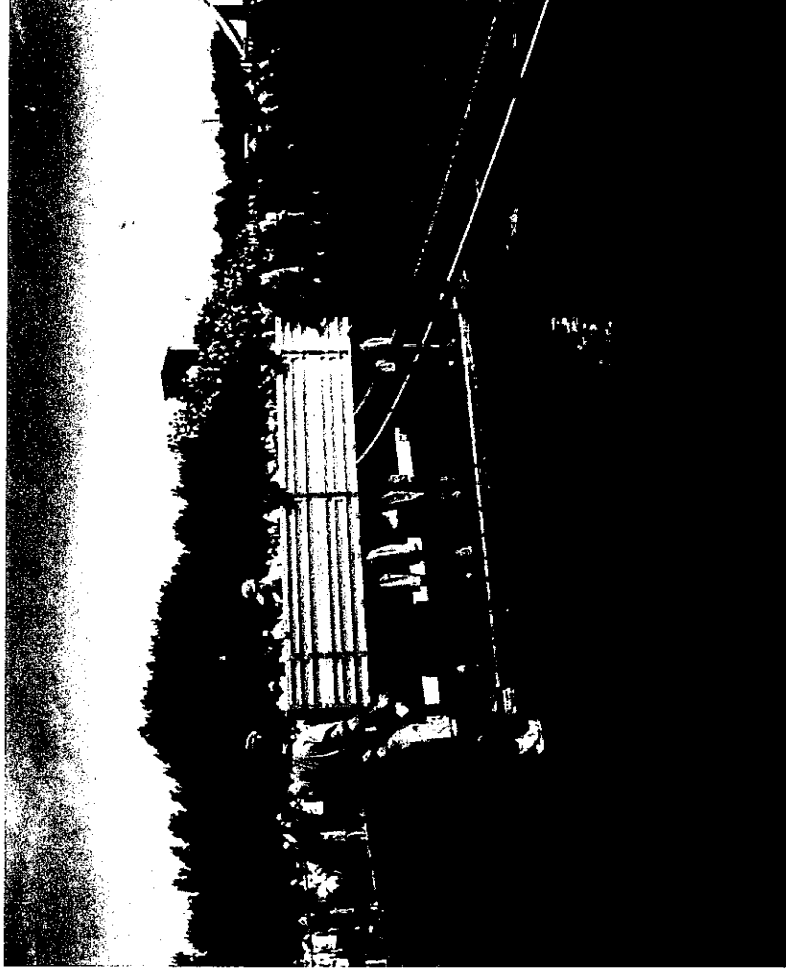




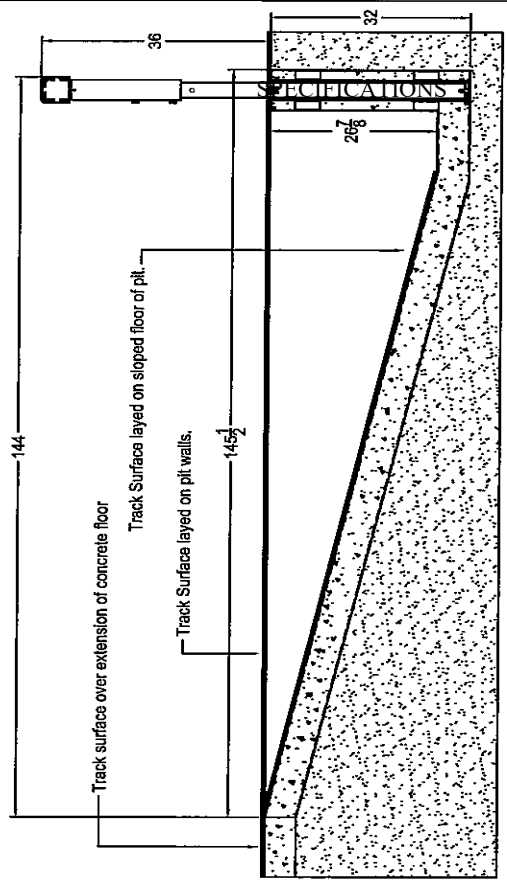
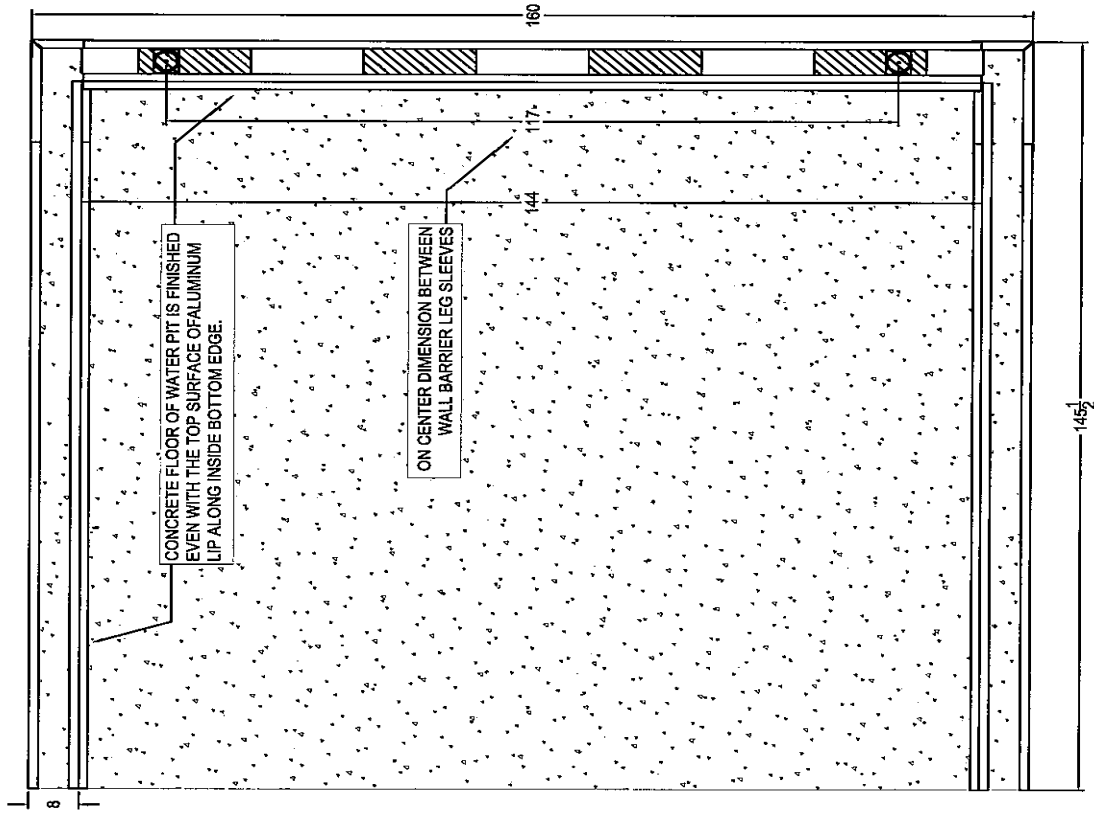
SPECIFICATIONS

**F500 Steeplechase Water Jump Form**

Here is a finished look at the water pit. Most of the sides and floor are covered with track surface. Please refer to track specifications and rules for surfaces to be covered with track surface material.



THIS WARNING IS GIVEN IN COMPLIANCE  
WITH CALIFORNIA'S PROPOSITION 65:  
**WARNING**  
This product contains chemicals known to the  
State of California to cause cancer, birth defects  
or other reproductive harm.

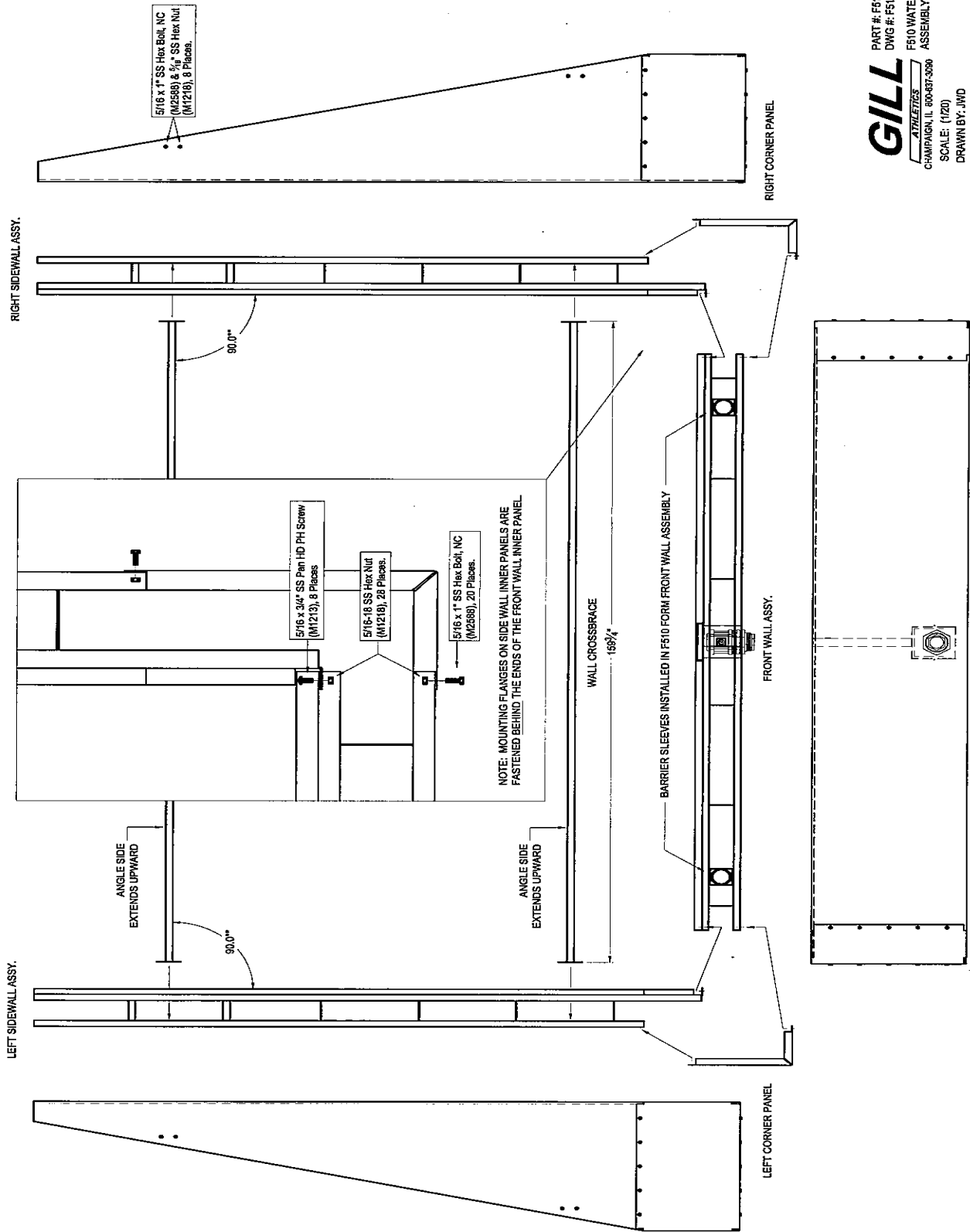


**GILL**

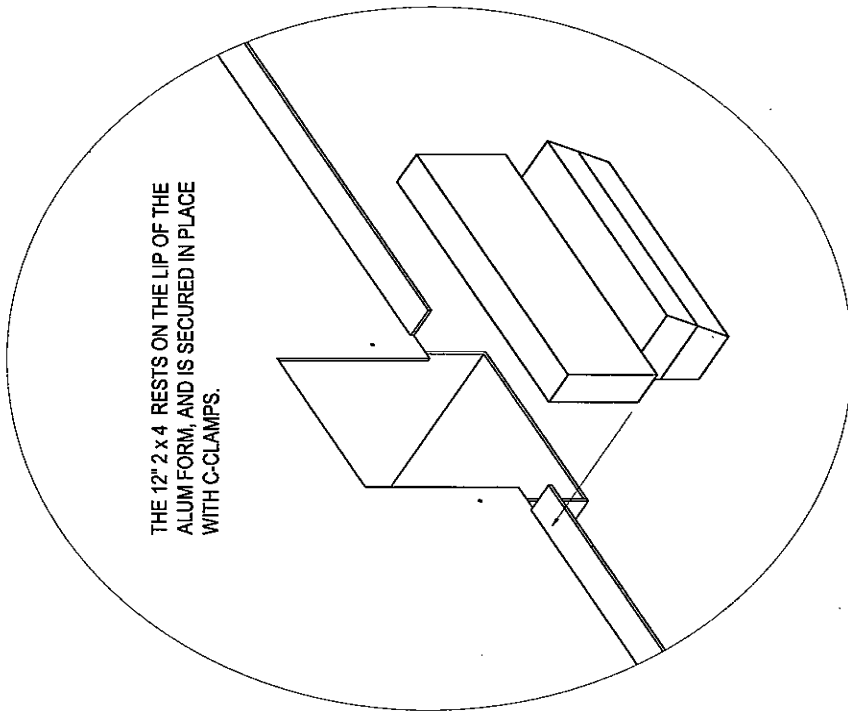
ATHLETICS

PART #: F510  
 DWG #: F510A Spec  
 Ground Sleeve Water  
 Jump Form  
 Champaign, IL 800-637-3090  
 SCALE: (1/20)  
 DRAWN BY: JWD  
 DATE: 03/27/08

SPECIFICATIONS

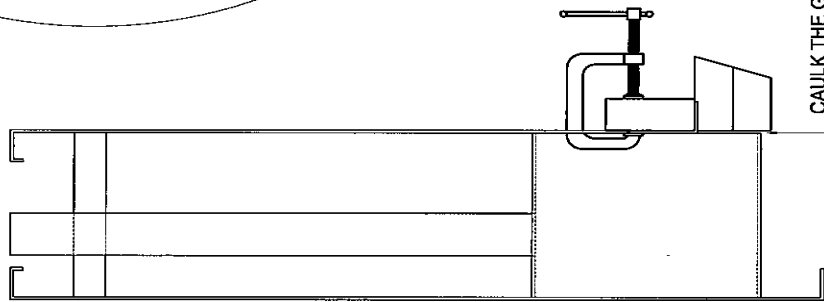


**GILL**  
ATHLETICS  
PART #: F510  
DWG #: F510A ASSY  
F510 WATER JUMP FORM  
ASSEMBLY WISLEEVES  
CHAMPAIGN, IL 600-887-3090  
SCALE: (1/20)  
DRAWN BY: JMD  
DATE: 04/07/08

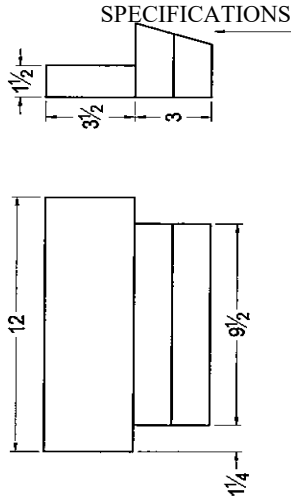


THE 12" 2 x 4 RESTS ON THE LIP OF THE ALUM FORM, AND IS SECURED IN PLACE WITH C-CLAMPS.

2 x 4's SCREWED TOGETHER TO MAKE REMOVABLE "BOX OUT" FOR THE ACCESS PANEL.  
USE #6 x 2" LONG WOOD SCREWS, TO ASSEMBLE 2 x 4'S.



CAULK THE GAPS BETWEEN THE WOOD AND VALVE BOX



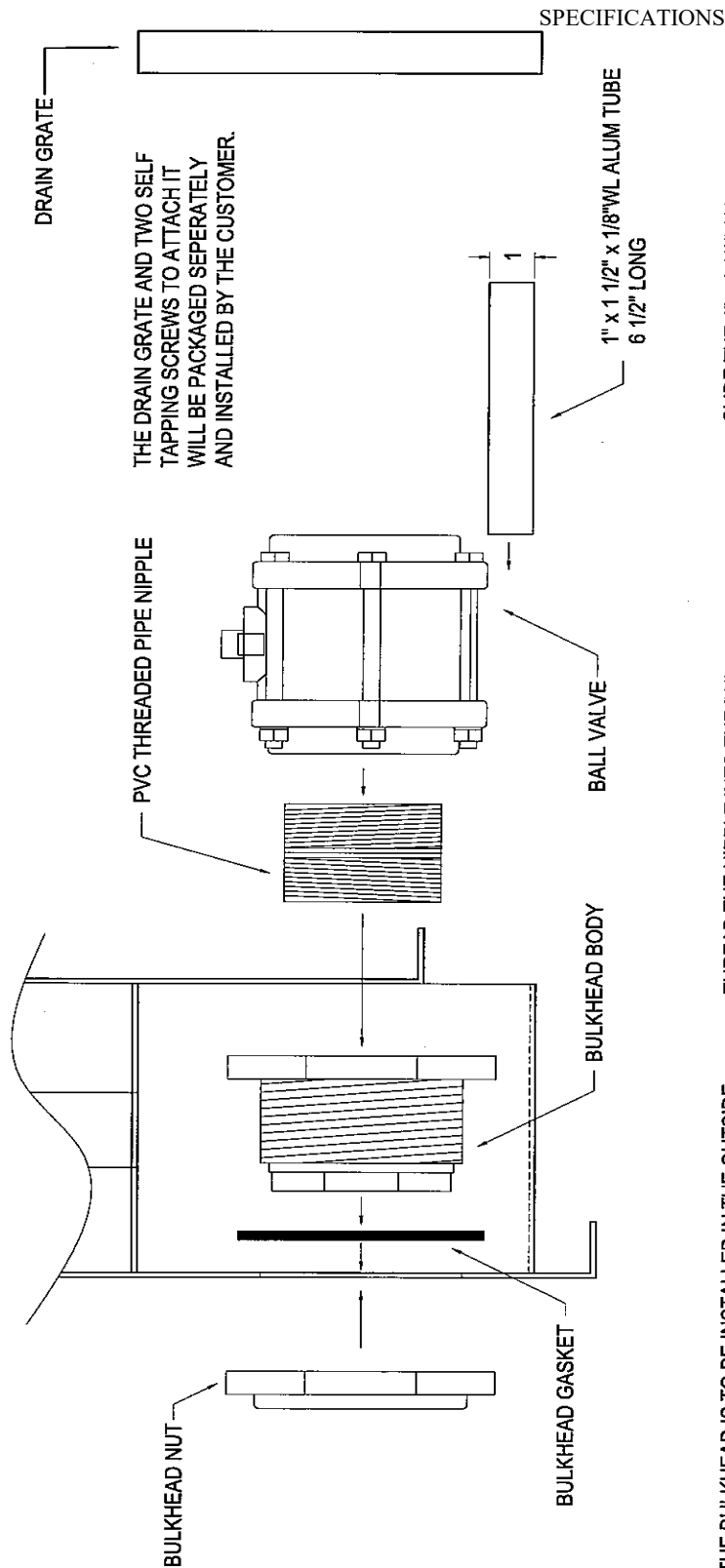
BEVEL LEADING FRONT FACE TO FACILITATE REMOVAL AFTER CONCRETE HAS SET. SIDES MUST REMAIN NEARLY VERTICAL TO PROVIDE GOOD CLEARANCE FOR DRAIN GRATE

**GILL**  
ATHLETICS

PART #: F50050  
DWG #: F50050 Inst 1  
SC WJ FORM W/ VALVE OPTION  
CHAMPAIGN, IL 800-637-3080 2 x 4 BOX OUT

R & D:  
SCALE: 1/5  
DRAWN BY: JWD  
DATE: 04/07/08  
PROD:  
PURCH:

REVISIONS



THE BULKHEAD IS TO BE INSTALLED IN THE OUTSIDE WALL (F50011-50) THROUGH THE Ø 4 1/2" HOLE WITH THE BODY AND GASKET PORTIONS INSIDE THE VALVE BOX AND THE NUT ON THE OUTSIDE. THE BULKHEAD SHALL BE PROPERLY TIGHTENED.

THREAD THE NIPPLE INTO THE BULKHEAD AND THE VALVE ONTO THE NIPPLE. THE VALVE'S FINAL ORIENTATION SHOULD BE SUCH THAT THE BOLT FACES DIRECTLY UP THE 2" SQUARE ALUM SHAFT. CHECK FOR ALIGNMENT BY LOOKING DOWN THROUGH THE 2" SQ ALUM SHAFT.

SLIDE THE 1" x 1 1/2" ALUM TUBE UNDER THE VALVE.

M740  
POLYPROPYLENE BOLTED-BODY BALL VALVE,  
STANDARD PORT, 3" NPT FEMALE CONNECTION  
9771K36

M746  
DRAIN GRATE, 9" x 9" x 1/8", BLACK  
NDS 980

M744  
PVC SCH 80 THREADED PIPE NIPPLE, 3" PIPE  
SIZE x 2-5/8" LENGTH, FULLY THREADED  
4882K19

M985  
1" x 1 1/2" x 1/8"WL ALUM TUBE, 6 3/4" LONG

M745  
BULKHEAD FITTING, PVC, FEMALE  
NPT x FEMALE NPT, 3" PIPE SIZE  
36895K127

M22271

410 SS FL HD PHILLIPS SELF DRILLING SCREW  
8-18 THREAD, 1 1/4" LENGTH, DRILL POINT #2  
94195A150

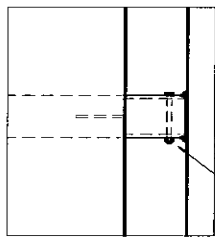
**GILL**

ATHLETICS

PART #: F50050  
DWG #: F50050 Inst 2  
SC WJ FORM W/ VALVE OPTION  
VALVE INSTALLATION

CHAMPAIGN, IL 800-637-3090  
SCALE: 1/3  
DRAWN BY: CEB  
DATE: 09/13/05

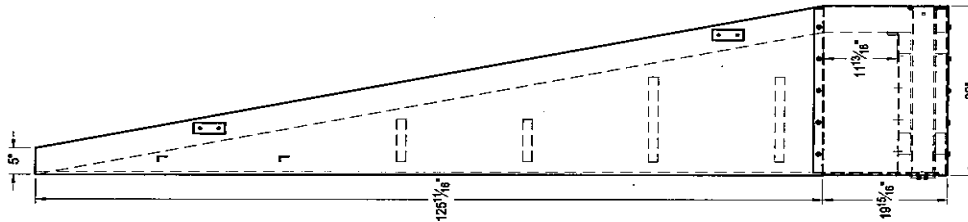
SPECIFICATIONS



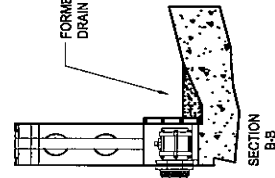
VERIFY 1/2" x 4 1/2" HEX BOLT (M2270) & NUT (M2239) ARE INSTALLED IN BASE OF SLEEVES.



T-HANDLE VALVE CONTROL, F50051



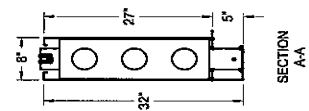
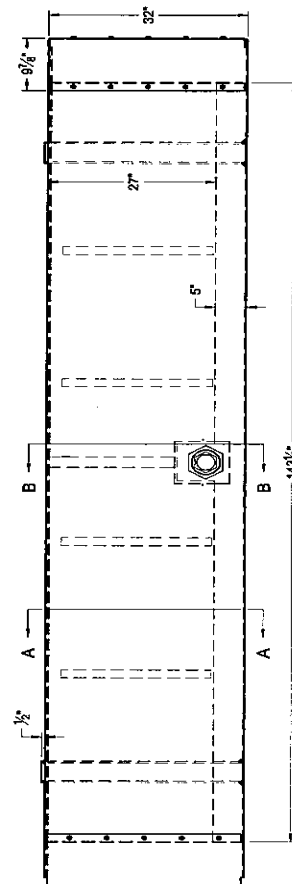
FORMED DEPRESSION FOR DRAIN COVER ACCESS



SECTION B-B

- NOTES:
- 1.) FORM WALLS ARE DESIGNED TO BE COVERED WITH TRACK SURFACE. WHEN SETTING THE COMPLETED FORM, ENSURE THE TOP OF THE WALLS ARE BELOW FINISHED GRADE OF THE TRACK TO ALLOW FOR THE THICKNESS OF THE TRACK SURFACE TO BE INSTALLED.
  - 2.) VERIFY THE PAN HEAD SCREWS SECURING THE INNER WALL SECTIONS ARE INSTALLED WITH THE PAN HEAD EXPOSED. SEE DRAWING "F500A ASSY".
  - 3.) VERIFY THAT THE 1/2" x 4 1/2" HEX BOLT AND NUT ARE INSTALLED IN THE BASE OF EACH SLEEVE TUBE. SEE DETAIL AT RIGHT.
  - 4.) DURING THE CONCRETE POUR, MONITOR THE DISTANCE BETWEEN THE SIDE WALLS. WALLS MUST REMAIN 12 FEET APART AT ALL POINTS. DEVIATIONS OF MORE THAN 1/2" MAY CAUSE PROBLEMS FITTING PIT COVERS.
  - 5.) DRAIN COVER MUST BE REMOVABLE TO SERVICE THE DRAIN VALVE. ENSURE THE COVER IS NOT TRAPPED IN PLACE BY THE CONCRETE FLOOR OF THE PIT.

GROUND SLEEVE TUBES ARE A PART OF THE FORMS. THEY PROTRUDE 1/2" ABOVE THE POURED WALL SO AS TO BE NEARLY FLUSH WITH THE FINISHED TRACK SURFACE.



SECTION A-A

**GILL**  
ATLANTICS  
CHAMPAIGN, IL 800-637-3980

PART #: F510A50  
DWG #: F510A50  
F510A50 SLEEVED FORM WITH VALVE OPTION

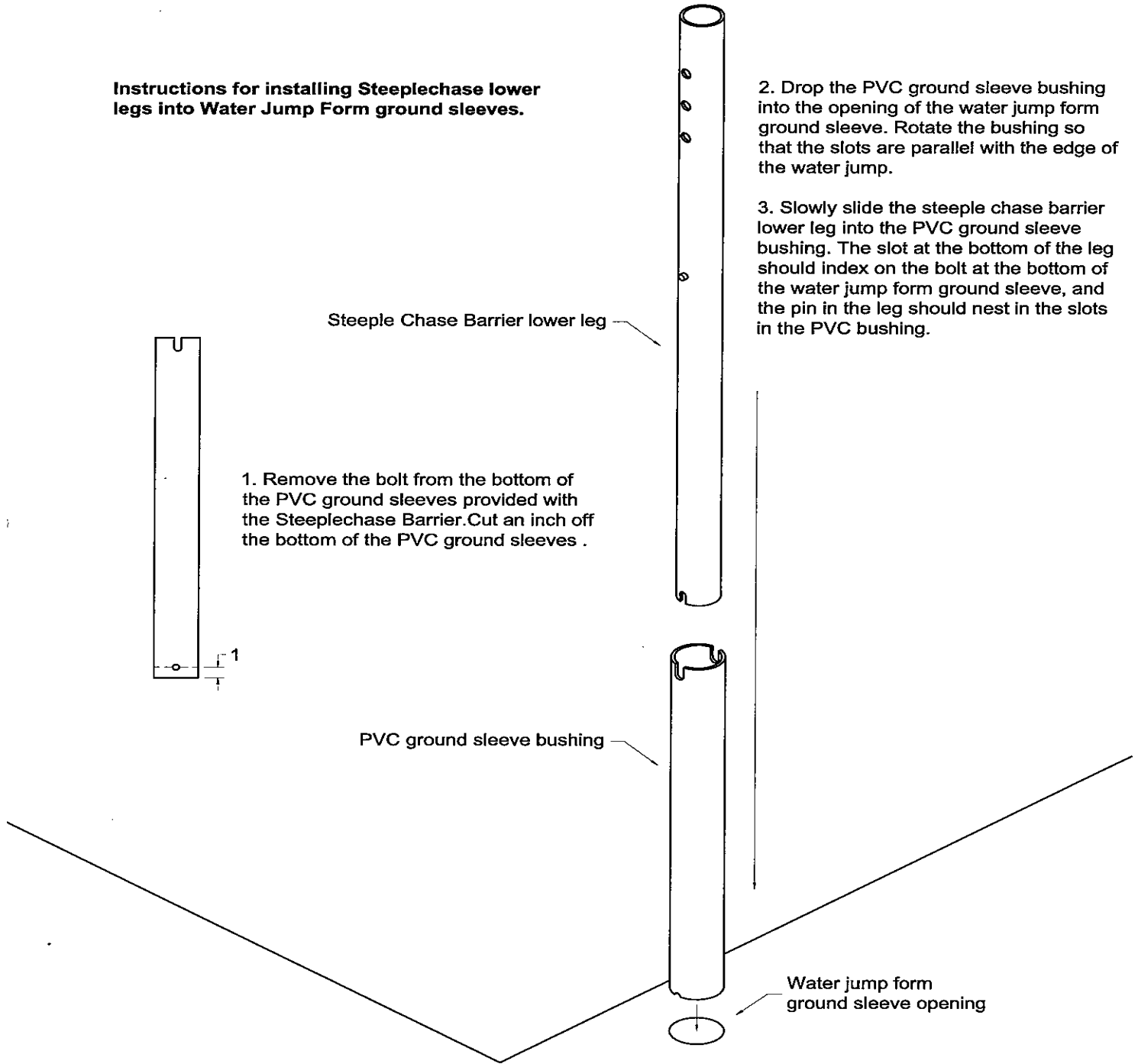
SCALE: (1/20)  
DRAWN BY: JWD  
DATE: 04/07/08

### Instructions for installing Steeplechase lower legs into Water Jump Form ground sleeves.

1. Remove the bolt from the bottom of the PVC ground sleeves provided with the Steeplechase Barrier. Cut an inch off the bottom of the PVC ground sleeves.

2. Drop the PVC ground sleeve bushing into the opening of the water jump form ground sleeve. Rotate the bushing so that the slots are parallel with the edge of the water jump.

3. Slowly slide the steeple chase barrier lower leg into the PVC ground sleeve bushing. The slot at the bottom of the leg should index on the bolt at the bottom of the water jump form ground sleeve, and the pin in the leg should nest in the slots in the PVC bushing.



SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Sand Pit Forms**

Specifier Notes: This section covers Gill Athletics, Inc. sand pit forms. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Sand Pit Forms:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material.
- C. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.
- D. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around sand pit.

**1.3 REFERENCES**

Sand Pit Forms

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### 1.4 DESIGN REQUIREMENTS

- A. Sand Pit Forms: Locate positions of sand pits on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide sand pit forms from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing sand pit forms similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Sand pit forms shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).
- 2. National Collegiate Athletic Association (NCAA)
- 3. International Association of Athletics Federations (IAAF)

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

Sand Pit Forms

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SPECIFICATIONS

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 SAND PIT FORMS**

Specifier Notes: Specify the following paragraph for all sand pit forms. Add model number, either:

- F42029 – Sand Pit Form w/ ledge 29' x 9'-8"
- F42026 – Sand Pit Form w/ ledge 26' x 9'-8"
- F42023 – Sand Pit Form w/ ledge 23' x 9'-8"
- F44029 – Sand Pit Form w/ ledge & side sand catchers 29' x 9'-8"
- F44026 – Sand Pit Form w/ ledge & side sand catchers 26' x 9'-8"
- F44023 – Sand Pit Form w/ ledge & side sand catchers 23' x 9'-8"
- F44130 – Sand Pit Form w/ ledge & side and back sand catchers 30' x 9'-8"
- F44127 – Sand Pit Form w/ ledge & side and back sand catchers 27' x 9'-8"
- F44124 – Sand Pit Form w/ ledge & side and back sand catchers 24' x 9'-8"
- F44231 – Sand Pit Form w/ ledge & side, front, and back sand catchers 31' x 9'-8"
- F44228 – Sand Pit Form w/ ledge & side, front, and back sand catchers 28' x 9'-8"
- F44225 – Sand Pit Form w/ ledge & side, front, and back sand catchers 25' x 9'-8"
- F46029 – Sand Pit Form w/ ledge & side sand catchers with recessed lids 29' x 9'-8"
- F46026 – Sand Pit Form w/ ledge & side sand catchers with recessed lids 26' x 9'-8"
- F46023 – Sand Pit Form w/ ledge & side sand catchers with recessed lids 23' x 9'-8"
- F46130 – Sand Pit Form w/ ledge & side and back sand catchers with recessed lids 30' x 9'-8"
- F46127 – Sand Pit Form w/ ledge & side and back sand catchers with recessed lids 27' x 9'-8"
- F46124 – Sand Pit Form w/ ledge & side and back sand catchers with recessed lids 24' x 9'-8"
- F46231 – Sand Pit Form w/ ledge & side, front, and back sand catchers with recessed lids 31' x 9'-8"
- F46228 – Sand Pit Form w/ ledge & side, front, and back sand catchers with recessed lids 28' x 9'-8"
- F46225 – Sand Pit Form w/ ledge & side, front, and back sand catchers with recessed lids 25' x 9'-8"

- A. Sand Pit Form: Model No. \_\_\_\_\_ Sand Pit Form.

~~SPECIFICATIONS~~

Specifier Notes: Remove the following line if specifying the F44231, F44228, F44225, F46231, F46228, F46225, F44029, F44026, F44023, F44130, F44127, F44124, F46023, F46026, F46029, F46124, F46127, or F46130 Sand Pit Form. Specify dimensions, see list above.

1. Sand Pit Form: Constructed of aluminum sheet metal welded into modular sections. Sections are bolted together in field. The forms shall have a built in ledge to receive a sand pit cover system. Inside dimensions of sand pit shall be at least \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the F44231, F44228, F44225, F46231, F46228, F46225, F42029, F42026, F42023, F44130, F44127, F44124, F46124, F46127, or F46130 Sand Pit Form. Specify dimensions, see list above.

2. Sand Pit Form: Constructed of aluminum sheet metal welded into modular sections. Sections are bolted together in field. The forms shall have a built in ledge to receive a sand pit cover system and a built in sand catcher. The sand catcher shall run the entire length of the sand pit form on two sides. Inside dimensions of sand pit shall be at least \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the F44231, F44228, F44225, F46231, F46228, F46225, F42029, F42026, F42023, F44029, F44026, F44023, F46023, F46026, or F46029 Sand Pit Form. Specify dimensions, see list above.

3. Sand Pit Form: Constructed of aluminum sheet metal welded into modular sections. Sections are bolted together in field. The forms shall have a built in ledge to receive a sand pit cover system and a built in sand catcher. The sand catcher shall run the entire length of the sand pit form on three sides. Inside dimensions of sand pit shall be at least \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the F42029, F42026, F42023, F44029, F44026, F44023, F46023, F46026, F46029, F44130, F44127, F44124, F46124, F46127, or F46130 Sand Pit Form. Specify dimensions, see list above.

4. Sand Pit Form: Constructed of aluminum sheet metal welded into modular sections. Sections are bolted together in field. The forms shall have a built in ledge to receive a sand pit cover system and a built in sand catcher. The sand catcher shall run the entire length of the sand pit form on four sides. Inside dimensions of sand pit shall be at least \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the F46231, F46228, F46225, F42029, F42026, F42023, F46023, F46026, F46029, F46124, F46127, or F46130 Sand Pit Form.

5. Sand Catcher Covers: Consists of galvanized steel grating and perforated rubber overlays. Each section of steel grating is 1" thick by 18" by 36". (The number of sections required varies according to sand pit form model).

Specifier Notes: Remove the following line if specifying the F44231, F44228, F44225, F42029, F42026, F42023, F44023, F44026, F44029, F44124, F44127, or F44130 Sand Pit Form.

6. Sand Catcher Covers: Consists of recessed sheet metal lids designed to accept track surface. Each lid is 18" by 36". (The number of sections required varies according to sand pit form model).

### **PART 3 EXECUTION**

Sand Pit Forms

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**3.1 EXAMINATION**

- A. Examine areas to receive sand pit forms. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

**3.2 INSTALLATION**

- A. Install sand pit forms in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

**3.4 CLEANING**

- A. Clean sand pit forms promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate maintenance of sand pit forms to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed sand pit forms to ensure equipment will be without damage or deterioration at time of substantial completion.

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Shot Put Circles**

Specifier Notes: This section covers Gill Athletics, Inc. shot put circles. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Shot Put Circles:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around shot put circle.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material up to the edges of the shot put circle.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Shot Put Circles

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### 1.4 DESIGN REQUIREMENTS

- A. Shot put circles: Locate positions of shot put circles on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide shot put circles from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing shot circles similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Shot put circles shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).
- 2. National Collegiate Athletic Association (NCAA)
- 3. International Association of Athletics Federations (IAAF)

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.

Shot Put Circles

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- C. Handling: Protect materials and finish from damage during handling and installation.

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 SHOT PUT CIRCLES**

Specifier Notes: Specify the following paragraph for all shot put circles. Add model number, either **366** – Aluminum Shot Circle with Cross-bracing, **369** – Aluminum Shot Circle, **374** – Aluminum 2” Shot Put Circle, **372** – Aluminum Shot Circle, **373** – Powder Coated Steel Shot Circle, or **3741** Aluminum Shot/Hammer Throwing Circle Form

- A. Shot Put Circles: Model No. \_\_\_\_\_ Shot Put Circle.

Specifier Notes: Remove the following line if specifying the 369, 374, 372, 373, or 3741 Shot Put Circle.

1. Circle: Consists of two halves of a circle constructed of 3' x 1/4" aluminum flat, 6061-T6, with 3/4" x 1" aluminum angle cross-bracing. The circle shall be cast in concrete so that the throwing surface is depressed 3/4".The circle shall have a 7' diameter.

Specifier Notes: Remove the following line if specifying the 366, 374, 372, 373, or 3741 Shot Put Circle.

2. Circle: Consists of four quarters of a circle constructed of 1" x 3/4" x 1/4" aluminum angle, 6061-T6. The circle shall be cast in concrete so that the throwing surface is depressed 3/4".The circle shall have a 7' diameter.

Specifier Notes: Remove the following line if specifying the 366, 369, 372, 373, or 3741 Shot Put Circle.

## SPECIFICATIONS

3. Circle: Consists of two halves of a circle constructed of 2" x 2" x 1/4" aluminum angle, 6061-T6. The circle shall be cast in concrete so that the throwing surface is depressed 3/4". The circle shall have a 7' diameter.

Specifier Notes: Remove the following line if specifying the 366, 369, 374, 373, or 3741 Shot Put Circle.

4. Circle: Consists of three sections of a circle constructed of 1" x 3/4" x 1/4" aluminum angle, 6061-T6. The circle shall be anchored to the top of the concrete pad and will fasten to the toeboard. The circle shall have a 7' diameter.

Specifier Notes: Remove the following line if specifying the 366, 369, 374, 373, or 3741 Shot Put Circle.

5. Circle: Consists of four quarters of a circle constructed of 1/4" x 1 1/2" steel flat with a white powder coat finish. The circle shall be anchored to the top of the concrete pad. The circle shall have a 7' diameter.

Specifier Notes: Remove the following line if specifying the 366, 369, 372, 374, or 373.

5. Circle: Consists of four quarters of a circle constructed of 1/4" x 3" aluminum flat and 1" x 2" x 1/8" Aluminum angle. . The circle shall be cast in concrete so that the throwing surface is depressed 3/4" and the outer surface is level with the top of the form. The circle shall have a 7' diameter.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Examine areas to receive shot put circles. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

### 3.2 INSTALLATION

- A. Install shot put circles in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

Shot Put Circles

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SPECIFICATIONS

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

**3.4 CLEANING**

- A. Clean shot put circles promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of shot put circles to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed shot put circles to ensure equipment will be without damage or deterioration at time of substantial completion.

Shot Put Circles

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SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 68 33.43)**

**Shot Put Cages**

Specifier Notes: This section covers Gill Athletics, Inc. shot put cages. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Shot Put Cages

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around ground sleeves and surrounding areas.
- C. Section 02535 (32 18 23) Athletic Surfacing: Applying track surface material to the surrounding areas.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to the surrounding areas.

**1.3 REFERENCES**

Shot Put Cages

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations

### **1.4 DESIGN REQUIREMENTS**

- A. Shot Put Cages: Locate positions and orientations of shot put cages and their ground sleeves on the site plan.

### **1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### **1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide shot put cages from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing shot put cages similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, excavation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Shot put cages shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).

### **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

### **1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise

Shot Put Cages

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specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 SHOT PUT CAGES**

Specifier Notes: Specify the following paragraph for all shot put cages. Add model number, either **805** – Steel Shot Put Cage, or **8050** – Aluminum Shot Put Cage.

- A. Shot Put Cages: Model No. \_\_\_\_\_ Shot Put Cage.

Specifier Notes: Remove the following line if specifying the 8050 Shot Put Cage

- 1. Ground Sleeves: Consists of four (4) ground sleeves, constructed of 3”sq x 3/16” thick steel tube, 20” long, with a powder coat finish.

Specifier Notes: Remove the following line if specifying the 805 Shot Put Cage

- 2. Ground Sleeves: Consists of four (4) ground sleeves, constructed of 3” Sch40 PVC pipe, 30” long.
- 3. Ground Sleeve Caps: Consists of four (4) ground sleeve caps, constructed of welded steel with a powder coat finish.

Specifier Notes: Remove the following line if specifying the 8050 Shot Put Cage

- 4. Net Poles: Consists of four (4) net poles, constructed of 2 ½”sq x 14gage steel tube, with a powder coat finish. The net poles will be off-set and stand at least 14’ tall when installed in the ground sleeves. The net poles will have rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.

Specifier Notes: Remove the following line if specifying the 805 Shot Put Cage

Shot Put Cages

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## SPECIFICATIONS

5. Net Poles: Consists of four (4) net poles, constructed of 2½" Sch40 aluminum pipe. The net poles will be off-set and stand at least 14' tall when installed in the ground sleeves. The net poles will have rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.
6. Hoisting Rope: The rope used to hang the net from the net poles will be ¼" braided polyester.
7. Net: Constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 ¾" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 14' x 42'-6".
8. Net Support Cable: Constructed of 1/8"-3/16", 7x19, PVC coated, galvanized steel cable. The top of the net will be supported by the net support cable along the entire length of the net.

Specifier Notes: Remove the following line if specifying the 8050 Shot Put Cage

9. Flip Arms: Consists of two (2) flip arms constructed of 3/8" x 2" steel and 18" long, with a powder coat finish. The flip arms will be attached to the two front net poles at ground level and to the front bottom corners of the net to keep the net secured.

Specifier Notes: Remove the following line if specifying the 805 Shot Put Cage

10. Flip Arms: Consists of two (2) flip arms constructed of 3/8" x 2" steel and 32" long, with a powder coat finish. The flip arms will be attached to the two front net poles at ground level and to the front bottom corners of the net to keep the net secured.
11. Ground Stakes: Consists of nine (8) ground stakes constructed of plastic and 9" long. The ground stakes will be used to secure the net to the ground at the back poles and between each pole.
12. Hardware: All hardware is to be zinc plated.
13. Warning Signs: Consists of three (3) warning signs constructed of polyethylene board 10" x 14". The warning signs will be fastened to the outside of the net, at eye level, facing outward, at the front sides of the shot put cage and at the rear of the shot put cage.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas to receive shot put cages. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### **3.2 INSTALLATION**

- A. Install shot put cages in accordance with manufacturer's instructions and in compliance with local codes and regulations at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper

Shot Put Cages

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SPECIFICATIONS

elevation, and secure.

- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the height of the net as needed.

**3.4 CLEANING**

- A. Clean the shot put cages promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of shot cages to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed shot put cages to ensure equipment will be without damage or deterioration at time of substantial completion.

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 68 33.43)**

**Discus Cages**

Specifier Notes: This section covers Gill Athletics, Inc. discus cages. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Discus Cages

Specifier Notes: Remove the following line if not specifying the use of a barrier net.

- B. Barrier Nets

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around ground sleeves and surrounding areas.
- C. Section 02535 (32 18 23) Athletic Surfacing: Applying track surface material to the surrounding areas.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to the surrounding areas.

Discus Cages

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SPECIFICATIONS

**1.3 REFERENCES**

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations

**1.4 DESIGN REQUIREMENTS**

- A. Discus Cages: Locate positions and orientations of discus cages and their ground sleeves on the site plan.

**1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

**1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide discus cages from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing discus cages similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, excavation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Discus cages shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).

**1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.



**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS****2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 DISCUS CAGES**

- A. Discus Cages: Model No. 8030 Steel High School Discus Cage.
  1. Ground Sleeves: Consists of six (6) ground sleeves, constructed of 3"sq x 3/16" thick steel tube, 20" long, with a powder coat finish.
  2. Ground Sleeve Caps: Consists of six (6) ground sleeve caps, constructed of welded steel with a powder coat finish.
  3. Net Poles: Consists of six (6) net poles, constructed of 2 1/2"sq x 14gage steel tube, with a powder coat finish. The net poles will be off-set and stand at least 14'-3" tall when installed in the ground sleeves. The net poles will have rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.
  4. Hoisting Rope: The rope used to hang the net from the net poles will be #6 (3/16") braided nylon, 23' long.
  5. Net: Constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 3/4" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 14' x 56'.
  6. Net Support Cable: Constructed of 1/8"-3/16", 7x19, PVC coated, galvanized steel cable. The top of the net will be supported by the net support cable along the entire length of the net.
  7. Flip Arms: Consists of two (2) flip arms constructed of 3/8" x 2" steel and 18" long, with a powder coat finish. The flip arms will be attached to the two front net poles at ground level

Discus Cages

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SPECIFICATIONS

and to the front bottom corners of the net to keep the net secured.

- 8. Ground Stakes: Consists of nine (9) ground stakes constructed of plastic and 9" long. The ground stakes will be used to secure the net to the ground at the rear four poles and between each pole.
- 9. Hardware: All hardware is to be zinc plated.
- 10. Warning Signs: Consists of three (3) warning signs constructed of polyethylene board 10" x 14". The warning signs will be fastened to the outside of the net, at eye level, facing outward, at the front sides of the discus cage and at the rear of the discus cage.

Specifier Notes: Remove the following item if not specifying a barrier net.

- B. Barrier Nets: Model No. 80302 Barrier Net (with hardware) for the 8030 Discus Cage
  - 1. Net: Constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 3/4" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 8' x 60'-6".
  - 2. Hardware: All hardware is to be zinc-plated.

**PART 3 EXECUTION**

**3.1 EXAMINATION**

- A. Examine areas to receive discus cages. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

**3.2 INSTALLATION**

- A. Install discus cages in accordance with manufacturer's instructions and in compliance with local codes and regulations at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the height of the net as needed.

**3.4 CLEANING**

Discus Cages

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## SPECIFICATIONS

- A. Clean the discus cages promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

### 3.5 DEMONSTRATION

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of discus cages to Owner's personnel.

### 3.6 PROTECTION

- A. Protect installed discus cages to ensure equipment will be without damage or deterioration at time of substantial completion.

## Product Guide Specification

SPECIFICATIONS

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

### SECTION 11480 (11 66 23.43) (11 68 33.43)

#### Toe Boards

Specifier Notes: This section covers Gill Athletics, Inc. toe boards. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

#### PART 1 GENERAL

##### 1.1 SECTION INCLUDES

- A. Toe Boards:

##### 1.2 RELATED SECTIONS

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around toe board.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying track surface material up to the area surrounding the throwing circle.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to area surrounding throwing circle.

Toe Boards

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**1.3 REFERENCES**

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

**1.4 DESIGN REQUIREMENTS**

- A. Toe boards: Locate positions of toe boards on the site plan.

**1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

**1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide toe boards from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing toe boards similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Toe boards shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).
- 2. National Collegiate Athletic Association (NCAA)
- 3. International Association of Athletics Federations (IAAF)

**1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.

SPECIFICATIONS

- C. Handling: Protect materials and finish from damage during handling and installation.

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 TOE BOARDS**

Specifier Notes: Specify the following paragraph for all toe boards. Add model number, either **358** – Synthetic Shot Toe Board for recessed pad, **359** – Synthetic Shot Toe Board for level pad, **363** – Aluminum Shot Toe Board for depressed pad, or **364** – Aluminum Shot Toe Board for level pad.

- A. Toe Boards: Model No. \_\_\_\_\_ Toe Board.

Specifier Notes: Remove the following line if specifying the 358, 363, or 364 Toe Board.

- 1. Toe Board: Constructed of low density polyethylene. To be mounted on a level throwing pad.

Specifier Notes: Remove the following line if specifying the 359, 363, or 364 Toe Board.

- 2. Toe Board: Constructed of low density polyethylene. To be mounted on a depressed throwing pad.

Specifier Notes: Remove the following line if specifying the 358, 359, or 364 Toe Board.

- 3. Toe Board: Constructed of cast aluminum with 5/16" wall thickness and a white powder coat finish. To be mounted on a depressed throwing pad.

Specifier Notes: Remove the following line if specifying the 358, 359, or 363 Toe Board.

- SPECIFICATIONS
4. Toe Board: Constructed of cast aluminum with 5/16" wall thickness and a white powder coat finish. To be mounted on a level throwing pad.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas to receive toe boards. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### **3.2 INSTALLATION**

- A. Install toe boards in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

#### **3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

#### **3.4 CLEANING**

- A. Clean toe boards promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

#### **3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of toe boards to Owner's personnel.

#### **3.6 PROTECTION**

Toe Boards

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SPECIFICATIONS

- A. Protect installed toe boards to ensure equipment will be without damage or deterioration at time of substantial completion.

Toe Boards

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SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Track Curbing**

Specifier Notes: This section covers Gill Athletics, Inc. track curbing. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Track Curbing:
- B. Curbing Base Pins:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material.
- C. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Track Curbing

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SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

**1.4 DESIGN REQUIREMENTS**

- A. Track Curbing: Locate positions of track curbing on the site plan.

**1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

**1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide track curbing from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing track curbing similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Track curbing shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).
- 2. National Collegiate Athletic Association (NCAA)
- 3. International Association of Athletics Federations (IAAF)

**1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

SPECIFICATIONS

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 TRACK CURBING**

Specifier Notes: Specify the following paragraph for all track curbing. Add model number, either **835A** – Permanent Aluminum Track Curbing, **854A** – Permanent Anodized Aluminum Track Curbing, **854P** – Permanent Powdercoated Aluminum Track Curbing, **851A** – Aluminum Track Curbing, **852A** – Anodized Aluminum Track Curbing, or **852P** – Powdercoated Aluminum Track Curbing.

- A. Track Curbing: Model No. \_\_\_\_\_ Track Curbing.

Specifier Notes: Remove the following line if specifying the 853A, 854A, 854P, 852A, or 852P Track Curbing.

1. Curbing: Constructed of a 2" x 1 ½" aluminum (6063-T6) extrusion with ½" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notch to fit over the joint sleeve installed in the opposite end.

Specifier Notes: Remove the following line if specifying the 853A, 854A, 854P, 851A, or 852P Track Curbing. Specify the color.

2. Curbing: Constructed of a 2" x 1 ½" aluminum (6063-T6) extrusion with ½" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notched to fit over the joint sleeve installed in the opposite end. The curbing will be anodized \_\_\_\_\_.

Track Curbing

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## SPECIFICATIONS

Specifier Notes: Remove the following line if specifying the 853A, 854A, 854P, 851A, or 852A Track Curbing. Specify the color.

3. Curbing: Constructed of a 2" x 1 ½" aluminum (6063-T6) extrusion with ½" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notched to fit over the joint sleeve installed in the opposite end. The curbing will be powdercoated \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the 852P, 854A, 854P, 851A, or 852A Track Curbing. Specify the color.

4. Curbing: Constructed of a 2" x 1 ½" aluminum (6063-T6) extrusion with ½" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notched to fit over the joint sleeve installed in the opposite end. Curbing shall have two holes on the bottom and anchor pins to permanently fasten the curbing to the track surface.

Specifier Notes: Remove the following line if specifying the 852P, 853A, 854P, 851A, or 852A Track Curbing. Specify the color.

5. Curbing: Constructed of a 2" x 1 ½" aluminum (6063-T6) extrusion with ½" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notched to fit over the joint sleeve installed in the opposite end. Curbing shall have two holes on the bottom and anchor pins to permanently fasten the curbing to the track surface. The curbing will be anodized \_\_\_\_\_.

Specifier Notes: Remove the following line if specifying the 852P, 853A, 854A, 851A, or 852A Track Curbing. Specify the color.

6. Curbing: Constructed of a 2" x 1 ½" aluminum (6063-T6) extrusion with ½" support clips mounted underneath resulting in a 2" x 2" profile. The curbing will be composed of straight and curved 20 ft long sections with field cut short sections. One end of each piece of curb will be notched to fit over the joint sleeve installed in the opposite end. Curbing shall have two holes on the bottom and anchor pins to permanently fasten the curbing to the track surface. The curbing will be powdercoated \_\_\_\_\_.

Specifier Notes: Remove the following section if not specifying track curbing base pins.

### B. Track Curbing Base Pins: Model No. 851P Track Curbing Base Pins

Specifier Notes: Specify the number of base pins required (base pins are sold in sets of 12).

1. Base Pins: Consists of \_\_\_\_\_ base pins constructed of 4" long sections of threaded rod fastened into the under side of the track curbing with two jam nuts. The pin locations in the track curbing must match the location of holes in the track.

## PART 3 EXECUTION

Track Curbing

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SPECIFICATIONS

**3.1 EXAMINATION**

- A. Examine areas to receive track curbing. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

**3.2 INSTALLATION**

- A. Install track curbing in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

**3.4 CLEANING**

- A. Clean track curbing promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of track curbing to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed track curbing to ensure equipment will be without damage or deterioration at time of substantial completion.

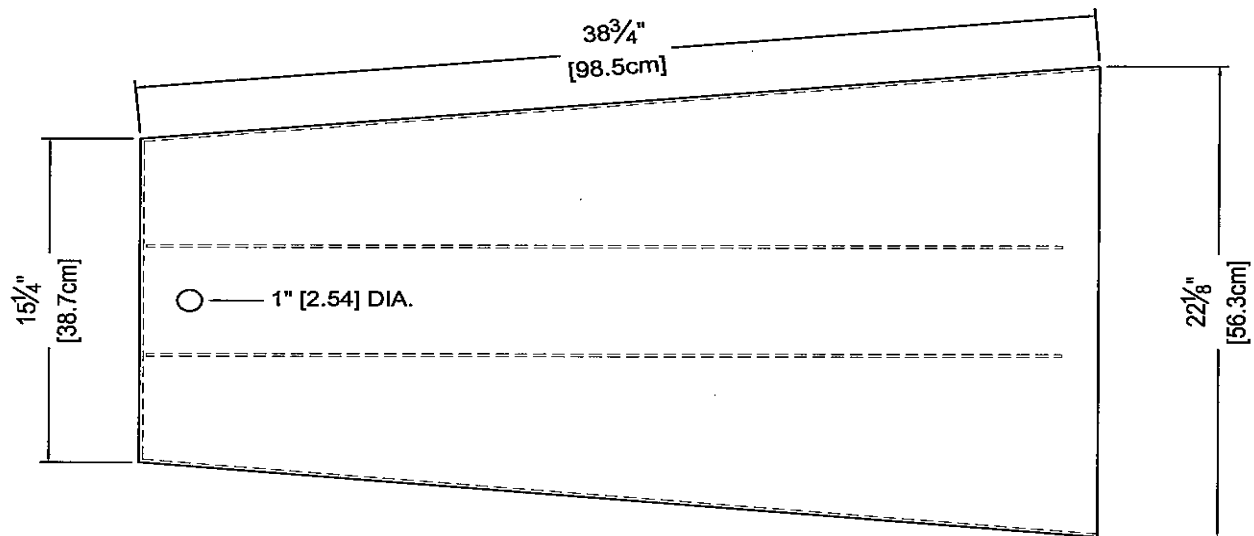


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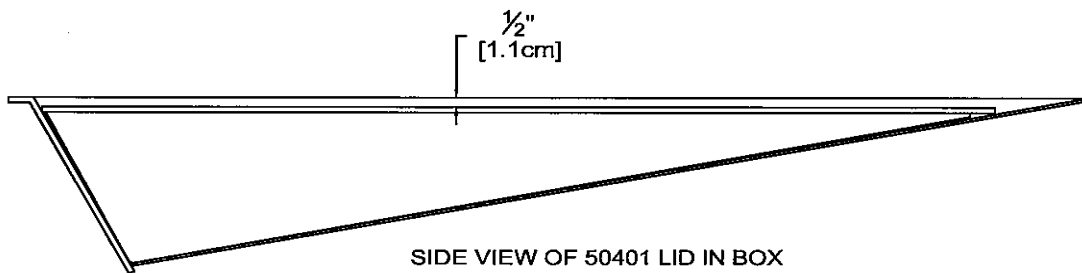
# 50401 - STAINLESS STEEL VAULT BOX LID SPECIFICATIONS

## SPECIFICATIONS

The 50401 Stainless Steel Vault Box Lid is designed to go with the 504 stainless steel vault box. The lid is manufactured from 10GA 304 stainless steel plate. Two angled vertical supports are welded in place to stiffen and support the lid in the box. When covered with 1/2" [12mm] thick runway material, the lid fits flush with the runway surface. Measurements in brackets are in centimeters. These lids are intended to be used with stainless steel vault boxes for the best corrosion resistance in warm climates.



TOP VIEW (50201)



SIDE VIEW OF 50401 LID IN BOX

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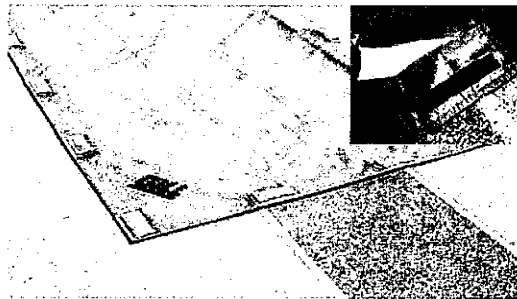
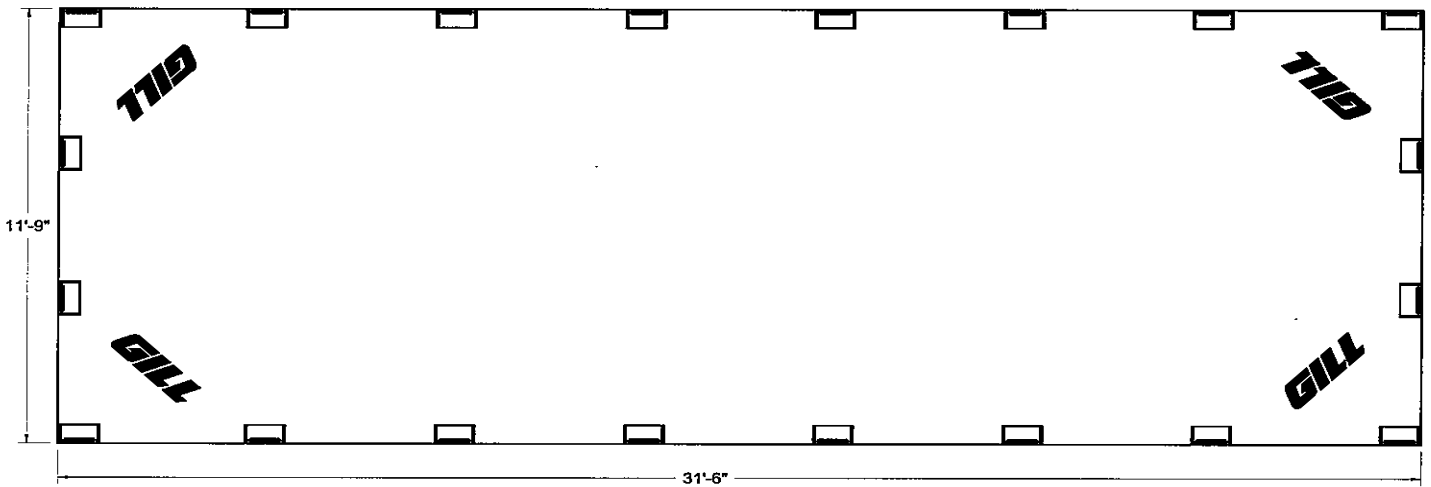


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SPECIFICATIONS  
**730147L - 31'-6" MESH SAND PIT COVER SPECIFICATIONS**

The 730147L Mesh Long Jump Sand Pit Cover is fabricated from medium gray, 30 mil, vinyl-coated, mesh fabric. Overall size of the 730147L cover is 11'-9" x 31'-6". It is compatible with F400 and F440 long and triple jump sand pits.

Zip lock bags are provided to be filled with sand, not included, and placed in the 2.5" x 5" x 10" solid fabric pockets to hold the cover down. Double stitched perimeter seam enables durable performance amid frequent handling. May be rolled up to lay aside during competition.



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07/26/07  
730147L\_SPECS

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

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Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 68 33.43)**

**Discus Cages**

Specifier Notes: This section covers Gill Athletics, Inc. discus cages. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Discus Cages

Specifier Notes: Remove the following line if not specifying the use of a barrier net.

- B. Barrier Nets

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around ground sleeves and surrounding areas.
- C. Section 02535 (32 18 23) Athletic Surfacing: Applying track surface material to the surrounding areas.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to the surrounding areas.

Discus Cages

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**1.3 REFERENCES**

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations

**1.4 DESIGN REQUIREMENTS**

- A. Discus Cages: Locate positions and orientations of discus cages and their ground sleeves on the site plan.

**1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

**1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide discus cages from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing discus cages similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, excavation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Discus cages shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).

**1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

Discus Cages

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**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 DISCUS CAGES**

Specifier Notes: Specify the following paragraph for all discus cages. Add model number, either **8010** – Six Pole Aluminum High School Discus Cage, **8020** – Seven Pole Aluminum High School Discus Cage or **8021** – Seven Pole Aluminum High School Discus Cage with Rear Entry System.

- A. Discus Cages: Model No. \_\_\_\_\_ Discus Cage.

Specifier Notes: Remove the following line if specifying the 8010 Discus Cage.

- 1. Ground Sleeves: Consists of seven (7) ground sleeves, constructed of 3” Sch40 PVC pipe, 30” long.

Specifier Notes: Remove the following line if specifying the 8020, or 8021 Discus Cage.

- 2. Ground Sleeves: Consists of six (6) ground sleeves, constructed of 3” Sch40 PVC pipe, 30” long.

Specifier Notes: Remove the following line if specifying the 8010 Discus Cage.

- 3. Net Poles: Consists of seven (7) net poles, constructed of 2½” Sch40 aluminum pipe. The net poles will be off-set and stand at least 14’ tall when installed in the ground sleeves. The net poles will have rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.

Specifier Notes: Remove the following line if specifying the 8020, or 8021 Discus Cage.

Discus Cages

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SPECIFICATIONS

4. Net Poles: Consists of six (6) net poles, constructed of 2½" Sch40 aluminum pipe. The net poles will be off-set and stand at least 14' tall when installed in the ground sleeves. The net poles will have rope tie-off cleats. The top of the net poles will be capped. The net poles will have holes for installing hardware to hang the net from.
5. Hoisting Rope: The rope used to hang the net from the net poles will be 1/4" braided polyester, 25' long.

Specifier Notes: Remove the following line if specifying the 8021, or 8010 Discus Cage.

6. Net: Constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 ¾" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 14' x 68'-6".

Specifier Notes: Remove the following line if specifying the 8020, or 8010 Discus Cage.

7. Net: Constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 ¾" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 14' x 68'-6". The net has an opening and additional net extension sewn into it to allow for entry into the throwing area from the back of the cage with out impeding safety.

Specifier Notes: Remove the following line if specifying the 8020, or 8021 Discus Cage.

8. Net: Constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 ¾" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 14' x 56'
9. Net Support Cable: Constructed of 1/8"-3/16", 7x19, PVC coated, galvanized steel cable. The top of the net will be supported by the net support cable along the entire length of the net.
10. Flip Arms: Consists of two (2) flip arms constructed of 3/8" x 2" steel and 32" long, with a powder coat finish. The flip arms will be attached to the two front net poles at ground level and to the front bottom corners of the net to keep the net secured.
11. Ground Stakes: Constructed of plastic and 9" long. The ground stakes will be used to secure the net to the ground at the rear poles and between each pole.
12. Hardware: All hardware is to be zinc plated.
13. Warning Signs: Consists of three (3) warning signs constructed of polyethylene board 10" x 14". The warning signs will be fastened to the outside of the net, at eye level, facing outward, at the front sides of the discus cage and at the rear of the discus cage.

Specifier Notes: Remove the following item if not specifying a barrier net. If specifying a barrier net add model number, either **80102** (works with 8010 Discus Cage), **80202A** (works with 8020 Discus Cages) or **80212** (works with 8021 Discus Cages).

B. Barrier Nets: Model No. \_\_\_\_\_ Barrier Net for High School Discus Cage

Discus Cages

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## SPECIFICATIONS

Specifier Notes: Remove the following line if specifying the 80212 or 80102 Barrier Net.

1. Net: Constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 3/4" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 8' x 77'-4".

Specifier Notes: Remove the following line if specifying the 80202A or 80102 Barrier Net.

2. Net: Consists of two nets constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 3/4" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 8' x 38'-8".

Specifier Notes: Remove the following line if specifying the 80202A or 80212 Barrier Net.

3. Net: Consists of two nets constructed of 100% white nylon 6 yarn solution dyed black, 1 7/8"sq mesh (3 3/4" stretch mesh), raschel knotless netting, UV stabilized and heat-set, 180lb break strength, rope bound, 8' x 64'-7".

### PART 3 EXECUTION

#### 3.1 EXAMINATION

- A. Examine areas to receive discus cages. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### 3.2 INSTALLATION

- A. Install discus cages in accordance with manufacturer's instructions and in compliance with local codes and regulations at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

#### 3.3 ADJUSTING

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the height of the net as needed.

Discus Cages

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SPECIFICATIONS

**3.4 CLEANING**

- A. Clean the discus cages promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of discus cages to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed discus cages to ensure equipment will be without damage or deterioration at time of substantial completion.

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Long Jump & Triple Jump Take-Off Board Systems**

Specifier Notes: This section covers Gill Athletics, Inc. long jump and triple jump take-off board systems. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Long Jump & Triple Jump Take-Off Board Systems:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around take-off board tray.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material up to the edges of the take-off board tray and the top of the take-off board lid.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Long Jump & Triple Jump Take-Off Board Systems

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. USATF – USA Track & Field
- B. NCAA – National Collegiate Athletic Association
- C. IAAF – International Association of Athletic Federations

### 1.4 DESIGN REQUIREMENTS

- A. Long Jump & Triple Jump Take-Off Board Systems: Locate positions of take-off boards on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide long jump and triple jump take-off board systems from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing long jump and triple jump take-off board systems similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Long jump and triple jump take-off board systems shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

1. National Collegiate Athletic Association (NCAA).
2. USA Track & Field (USATF).
3. International Association of Athletic Federations (IAAF).

**1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS****2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 LONG JUMP & TRIPLE JUMP TAKE-OFF BOARD SYSTEMS**

Specifier Notes: Specify the following paragraph for all long jump and triple jump take-off board systems. Specify one of the following model numbers: **444** – Collegiate Take-Off Board System with wood take-off board, **444S** – Collegiate Take-Off Board System with synthetic take-off board.

- A. Long Jump & Triple Jump Take-Off Board Systems: Model No. \_\_\_\_\_ Collegiate Take-Off Board System.
  - 1. Aluminum Tray: Constructed of 3/16" thick aluminum, formed and welded.
  - 2. Aluminum Base Board: Constructed of 1/8" aluminum sheet (3003), formed to shape. All adjustment screws are stainless steel. The base board can be adjusted for level and height, using six adjustment screws, without removing the base board from the tray. There are four threaded fasteners for attaching the take-off board.

Specifier Notes: Remove the following line if specifying the 444S.

Long Jump & Triple Jump Take-Off Board Systems

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## SPECIFICATIONS

3. Wood Take-Off Board: Constructed of 3/4" A/B marine grade plywood with a white outdoor enamel coating. There are four counter-sunk holes for mounting to the base board. The take-off board is finished on both sides so that it can be reversible.

Specifier Notes: Remove the following line if specifying the 444.

4. Synthetic Take-Off Board: Constructed of 3/4" white HDPE plastic. There are four counter-sunk holes for mounting to the base board. The take-off board is finished on both sides so that it can be reversible.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas to receive long jump and triple jump take-off board systems. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### **3.2 INSTALLATION**

- A. Install long jump and triple jump take-off board systems in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

#### **3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the take-off board assembly so that it is level with the finished runway surface and secure with-in the tray.

#### **3.4 CLEANING**

- A. Clean long jump and triple jump take-off board systems promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.

Long Jump & Triple Jump Take-Off Board Systems

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SPECIFICATIONS

- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of long jump and triple jump take-off board systems to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed long jump and triple jump take-off board systems to ensure equipment will be without damage or deterioration at time of substantial completion.

Long Jump & Triple Jump Take-Off Board Systems

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SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Discus Circles**

Specifier Notes: This section covers Gill Athletics, Inc. discus circles. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Discus Circles:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around discus circle.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material up to the edges of the discus circle.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Discus Circles

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### 1.4 DESIGN REQUIREMENTS

- A. Discus circles: Locate positions of discus circles on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide discus circles from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing discus circles similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Discus circles shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

1. National Federation of State High School Associations (NFHS).
2. National Collegiate Athletic Association (NCAA)
3. International Association of Athletics Federations (IAAF)

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.

Discus Circles

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SPECIFICATIONS

- C. Handling: Protect materials and finish from damage during handling and installation.

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 DISCUS CIRCLES**

Specifier Notes: Specify the following paragraph for all discus circles. Add model number, either **367** – Aluminum Discus Circle with Cross-bracing, **370** – Aluminum Discus Circle, **375** – Aluminum 2" Discus Circle, **371** – Powder Coated Steel Discus Circle, or **3751** Aluminum Discus Throwing circle Form

- A. Discus Circles: Model No. \_\_\_\_\_ Discus Circle.

Specifier Notes: Remove the following line if specifying the 370, 375, 3751, or 371 Discus Circle.

1. Circle: Consists of two halves of a circle constructed of 3' x 1/4" aluminum flat, 6061-T6, with 3/4" x 1" aluminum angle cross-bracing. The circle shall be cast in concrete so that the throwing surface is depressed 3/4". The circle shall have a 8'-2 7/16" diameter.

Specifier Notes: Remove the following line if specifying the 367, 375, 3751, or 371 Discus Circle.

2. Circle: Consists of four quarters of a circle constructed of 1" x 3/4" x 1/4" aluminum angle, 6061-T6. The circle shall be cast in concrete so that the throwing surface is depressed 3/4" or mounted to the top of the concrete pad. The circle shall have a 8'-2 7/16" diameter.

Specifier Notes: Remove the following line if specifying the 367, 370, 3751, or 371 Discus Circle.

3. Circle: Consists of two halves of a circle constructed of 2" x 2" x 1/4" aluminum angle, 6061-T6. The circle shall be cast in concrete so that the throwing surface is depressed 3/4". The circle shall have a 8'-2 7/16" diameter.

Discus Circles

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SPECIFICATIONS

Specifier Notes: Remove the following line if specifying the 367, 370, 3751, or 375 Discus Circle.

- 4. Circle: Consists of three thirds of a circle constructed of 1/4" x 1 1/2" steel flat with a white powder coat finish. The circle shall be anchored to the top of the concrete pad. The circle shall have a 8'-2 7/16" diameter.

Specifier Notes: Remove the following line if specifying the 367, 370, 371, or 375 Discus Circle.

- 4. Circle: Consists of four quarters of a circle constructed of 3" x 1/4" Aluminum flat with. The circle shall be cast in concrete so that the throwing surface is depressed 3/4" and the outer portion is filled flush with the top of the form. The circle shall have a 8'-2 7/16" diameter.

**PART 3 EXECUTION**

**3.1 EXAMINATION**

- A. Examine areas to receive discus circles. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

**3.2 INSTALLATION**

- A. Install discus circles in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

**3.4 CLEANING**

- A. Clean discus circles promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.

Discus Circles

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SPECIFICATIONS

- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of discus circles to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed discus circles to ensure equipment will be without damage or deterioration at time of substantial completion.

Discus Circles

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SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Long Jump & Triple Jump Take-Off Board Systems**

Specifier Notes: This section covers Gill Athletics, Inc. long jump and triple jump take-off board systems. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Long Jump & Triple Jump Take-Off Board Systems:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around take-off board tray.

Specifier Notes: Edit the following line if a lid will not be used.

- C. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material up to the edges of the take-off board tray and the top of the take-off board lid.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Long Jump & Triple Jump Take-Off Board Systems

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)

### **1.4 DESIGN REQUIREMENTS**

- A. Long Jump & Triple Jump Take-Off Board Systems: Locate positions of take-off boards on the site plan.

### **1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### **1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide long jump and triple jump take-off board systems from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing long jump and triple jump take-off board systems similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Long jump and triple jump take-off board systems shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).

### **1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

### **1.8 WARRANTY**

Long Jump & Triple Jump Take-Off Board Systems

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SPECIFICATIONS

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 LONG JUMP & TRIPLE JUMP TAKE-OFF BOARD SYSTEMS**

Specifier Notes: Specify the following paragraph for all long jump and triple jump take-off board systems. Specify one of the following model numbers: **441T** - High School Take-Off Board System with wood take-off board, **441TS** - High School Take-Off Board System with synthetic take-off board.

- A. Long Jump & Triple Jump Take-Off Board Systems: Model No. \_\_\_\_\_ High School Take-Off Board System.
  1. Aluminum Tray: Constructed of 3/16" thick aluminum, formed and welded.
  2. Aluminum Base Board: Constructed of aluminum planking. There are six threaded fasteners for attaching the take-off board.

Specifier Notes: Remove the following line if specifying the 441TS.

3. Wood Take-Off Board: Constructed of 1/2" A/B marine grade plywood with a white outdoor enamel coating. There are six counter-sunk holes for mounting to the base board. The take-off board is finished on both sides so that it can be reversible.

Specifier Notes: Remove the following line if specifying the 441T.

4. Synthetic Take-Off Board: Constructed of 1/2" white HDPE plastic. There are six counter-sunk holes for mounting to the base board. The take-off board is finished on both sides so that it can be reversible.

Long Jump & Triple Jump Take-Off Board Systems

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**PART 3 EXECUTION****3.1 EXAMINATION**

- A. Examine areas to receive long jump and triple jump take-off board systems. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

**3.2 INSTALLATION**

- A. Install long jump and triple jump take-off board systems in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the take-off board assembly so that it is level with the finished runway surface and secure with-in the tray.

**3.4 CLEANING**

- A. Clean long jump and triple jump take-off board systems promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of long jump and triple jump take-off board systems to Owner's personnel.

**3.6 PROTECTION**

Long Jump & Triple Jump Take-Off Board Systems

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SPECIFICATIONS

- A. Protect installed long jump and triple jump take-off board systems to ensure equipment will be without damage or deterioration at time of substantial completion.

Long Jump & Triple Jump Take-Off Board Systems

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SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Pole Vault Boxes**

Specifier Notes: This section covers Gill Athletics, Inc. pole vault boxes. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Pole Vault Boxes:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around pole vault boxes.
- C. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material up to the edges of the pole vault box and onto the lid if used.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.

**1.3 REFERENCES**

Pole Vault Boxes

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### 1.4 DESIGN REQUIREMENTS

- A. Pole vault boxes: Locate positions of pole vault boxes on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide pole vault boxes from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing pole vault boxes similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Pole vault boxes shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).
- 2. National Collegiate Athletic Association (NCAA)
- 3. International Association of Athletics Federations (IAAF)

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

Pole Vault Boxes

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SPECIFICATIONS

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 POLE VAULT BOXES**

Specifier Notes: Specify the following paragraph for all pole vault boxes. Add model number, either **502** – Aluminum Vault Box, **505** – Cast Aluminum Vault Box, **500** – Steel Vault Box, **504** – Stainless Steel Vault Box, **507** – Skydex Soft Vault Box, or **508** – SafetyMax Vault Box

- A. Pole Vault Box: Model No. \_\_\_\_\_ Pole Vault Box.

Specifier Notes: Remove the following line if specifying the 505, 500, 504, 508, or 507 pole vault box.

- 1. Pole Vault Box: Constructed of 6061-T6 aluminum, the sides being 1/8" thick and the bottom and backstop being 1/4" thick. Two outside wings secure the vault box when cast in concrete.

Specifier Notes: Remove the following line if specifying the 502, 500, 504, 508, or 507 pole vault box.

- 2. Pole Vault Box: Constructed of 319 aluminum cast into shape, the vault box is 3/8" thick on all sides. Two outside wings secure the vault box when cast in concrete. The vault box shall incorporate a forward lip sloping down at 30 degrees at the front of the vault box. The vault box has a powder coat finish.

Specifier Notes: Remove the following line if specifying the 502, 505, 504, 508, or 507 pole vault box.

- 3. Pole Vault Box: Constructed of 13 gage steel sheet metal. Two outside wings secure the vault box when cast in concrete. The vault box has a white powder coat finish.

Pole Vault Boxes

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SPECIFICATIONS

Specifier Notes: Remove the following line if specifying the 502, 505, 500, 508, or 507 pole vault box.

4. Pole Vault Box: Constructed of 13 gage 304 stainless steel sheet metal. Two outside wings secure the vault box when cast in concrete.

Specifier Notes: Remove the following line if specifying the 502, 505, 500, 508, or 504 pole vault box.

5. Pole Vault Box: Consists of a HMPWE cover, steel support, Skydex cushioning material, and fiberglass tray. The HMPWE cover is 1/8" thick and white. The steel support backing plate is 1/4" thick. The cushioning material is made up of two layers of Skydex material. The fiber glass tray is 1/8" thick with a white gel coated interior.

Specifier Notes: Remove the following line if specifying the 502, 505, 500, 507, or 504 pole vault box.

6. Pole Vault Box: Consists of a plastic liner, Skydex cushioning material, and steel tray. The plastic liner is 1/8" thick and white. The cushioning material is made up of two layers of Skydex material below the plastic liner on the bottom surface of the vault box. The steel tray is fabricated from 12 gauge sheet steel and powder coated white.

Specifier Notes: Specify the following paragraph for all pole vault box lids. Remove the following section if not specifying vault box lids. Add model number, either **50201** – Recessed Aluminum Vault Box Lid, **50202** – Flush Aluminum Vault Box Lid, or **503** – Universal Vault Box Lid.

- B. Pole Vault Box Lid: Model No. \_\_\_\_\_ Pole Vault Box Lid.

Specifier Notes: Remove the following line if specifying the 50202, or 503 pole vault box lid.

1. Pole Vault Box Lid: Constructed of 1/4" thick aluminum 6061-T6. Two fins support the lid. The lid is to be have 1/2" track surface mounted to the top by the installer.

Specifier Notes: Remove the following line if specifying the 50201, or 503 pole vault box lid.

2. Pole Vault Box Lid: Constructed of 1/4" thick aluminum 6061-T6. Two fins support the lid. The lid will sit flush with the top of the vault box.

Specifier Notes: Remove the following line if specifying the 50201, or 50202 pole vault box lid.

3. Pole Vault Box Lid: Constructed of 1/8" steel plate with diamond tread and white powder coat finish.

### **PART 3 EXECUTION**

#### **3.1 EXAMINATION**

- A. Examine areas to receive pole vault boxes. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

#### **3.2 INSTALLATION**

- A. Install pole vault boxes in accordance with manufacturer's instructions at locations indicated on the Drawings.

Pole Vault Boxes

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## SPECIFICATIONS

- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

### 3.3 ADJUSTING

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

### 3.4 CLEANING

- A. Clean pole vault boxes promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

### 3.5 DEMONSTRATION

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of pole vault boxes to Owner's personnel.

### 3.6 PROTECTION

- A. Protect installed pole vault boxes to ensure equipment will be without damage or deterioration at time of substantial completion.

SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 68 33.43)**

**Discus Cages**

Specifier Notes: This section covers Gill Athletics, Inc. discus cages. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Discus Cages

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around ground sleeves and surrounding areas.
- C. Section 02535 (32 18 23) Athletic Surfacing: Applying track surface material to the surrounding areas.
- D. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to the surrounding areas.

**1.3 REFERENCES**

Discus Cages

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**SPECIFICATIONS**

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations

**1.4 DESIGN REQUIREMENTS**

Specifier Notes: Remove following line if specifying the 80402.

- A. Discus Cages: Locate positions and orientations of discus cages and their ground sleeves on the site plan.

Specifier Notes: Remove the following line if specifying the 80401.

- B. Discus Cages: Locate positions and orientations of discus cages and their ground plates on the site plan.

**1.5 SUBMITTALS**

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

**1.6 QUALITY ASSURANCE**

- A. Single Source Responsibility: Provide discus cages from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing discus cages similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, excavation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Discus cages shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).

**1.7 DELIVERY, STORAGE, AND HANDLING**

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's

Discus Cages

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SPECIFICATIONS

instructions. Keep temporary protective coverings in place.

- C. Handling: Protect materials and finish from damage during handling and installation.

**1.8 WARRANTY**

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

**PART 2 PRODUCTS**

**2.1 MANUFACTURER**

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

**2.2 DISCUS CAGES**

Specifier Notes: Specify the following paragraph for all discus cages. Add model number, either **80401** – Pro-Down Discus Cage with ground sleeves, or **80402** – Pro-Down Discus Cage with ground plates.

- A. Discus Cages: Model No. \_\_\_\_\_ Pro-Down Discus Cage.

Specifier Notes: Remove the following line if specifying the 80402.

- 1. Ground Sleeves: Consists of six (6) ground sleeves, constructed of 2 ½" Sch40 PVC pipe, 23" long.

Specifier Notes: Remove the following line if specifying the 80402.

- 2. Ground Sleeve Caps: Consists of six (6) ground sleeve caps, constructed of welded aluminum.

Specifier Notes: Remove the following line if specifying the 80401.

- 3. Ground Plates: Consists of six (6) ground plates, constructed of a steel plate, 18" x 18", with holes for ground stakes and a support pole. And six (6) support poles, 42" long, and twenty four (24) ground stakes, 10" long.
- 4. Net Poles: Consists of six (6) net poles, constructed of 2 3/8"OD x 12gage galvanized steel tube. The net poles will be off-set and stand at least 10' tall when installed. The net poles will

Discus Cages

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be swaged at the top to received the top rungs.

5. Top Rungs: Consists of five (5) top rungs, constructed of 1"OD x 16gage galvanized steel tube bent into shape.
6. Net: Constructed of nylon, 200lb break strength, 11'-6" x 60', with 32 permanently attached net hooks along the top.
7. Net Stakes: Consists of six (6) net stakes constructed of steel. The net stakes will be used to secure the net to the ground.
8. Warning Signs: Consists of three (3) warning signs constructed of polyethylene board 10" x 14". The warning signs will be fastened to the outside of the net, at eye level, facing outward, at the front sides of the discus cage and at the rear of the discus cage.

**PART 3 EXECUTION**

**3.1 EXAMINATION**

- A. Examine areas to receive discus cages. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

**3.2 INSTALLATION**

- A. Install discus cages in accordance with manufacturer's instructions and in compliance with local codes and regulations at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Adjust the net as needed.

**3.4 CLEANING**

- A. Clean the discus cages promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.

Discus Cages

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SPECIFICATIONS

- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of discus cages to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed discus cages to ensure equipment will be without damage or deterioration at time of substantial completion.

Discus Cages

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SPECIFICATIONS

**Product Guide Specification**

Specifier Notes: This product guide specification is written according to the Construction Specifications Institute (CSI) 3-Part Format, including *MasterFormat*, *SectionFormat*, and *PageFormat*, as described in *The Project Resource Manual—CSI Manual of Practice, Fifth Edition*.

The section must be carefully reviewed and edited by the Architect to meet the requirements of the project and local building code. Coordinate this section with other specification sections and the Drawings. Delete all "Specifier Notes" after editing this section.

Section numbers are from *MasterFormat 1995 Edition*, with numbers from *MasterFormat 2004 Edition* in parentheses. Delete version not required.

**SECTION 11480 (11 66 23.43) (11 68 33.43)**

**Sand Pit Covers**

Specifier Notes: This section covers Gill Athletics, Inc. sand pit covers. Consult Gill Athletics, Inc. for assistance in editing this section for the specific application.

**PART 1 GENERAL**

**1.1 SECTION INCLUDES**

- A. Sand Pit Covers:

**1.2 RELATED SECTIONS**

Specifier Notes: Edit the following list of related sections as required for the project. List other sections with work directly related to this section.

- A. Section 02200 (31 23 00) Excavation and Fill: Prepare site for the installation of in-ground equipment and back fill when installation is complete.
- B. Section 02535 (32 18 23) Athletic Surfacing: Applying runway material.
- C. Section 02511 (32 12 16) Asphalt Paving: Applying asphalt sub-grade to run way.
- D. Section 03300 (03 30 00) Cast-in-Place Concrete: Pouring of concrete under and around sand pit.

**1.3 REFERENCES**

Sand Pit Covers

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## SPECIFICATIONS

Specifier Notes: List standards referenced in this section, complete with designations and titles. Delete standards not referenced. This article does not require compliance with standards, but is merely a listing of those used.

- A. NFHS – National Federation of State High School Associations (NFHS)
- B. NCAA – National Collegiate Athletic Association (NCAA)
- C. IAAF – International Association of Athletics Federations (IAAF)

### 1.4 DESIGN REQUIREMENTS

- A. Sand Pit Covers: Locate positions of sand pit covers on the site plan.

### 1.5 SUBMITTALS

- A. Comply with Section 01330 (01 33 00) – Submittal Procedures.
- B. Product Data: Submit manufacturer's product data, including materials, components, fabrication, finish, and installation instructions.
- C. Operation and Maintenance Manual: Submit manufacturer's operation and maintenance manual; including operation, maintenance, adjustment, and cleaning instructions; trouble shooting guide; parts list.

### 1.6 QUALITY ASSURANCE

- A. Single Source Responsibility: Provide sand pit covers from single manufacturer.
- B. Manufacturer's Qualifications: Minimum of 5 consecutive years experience manufacturing sand pit covers similar to that specified.
- C. Installer's Qualifications: Contractor experienced with track & field installation, concrete work, asphalt paving, and track surfacing.
- D. Regulatory Requirements: Sand pit covers shall conform to latest rules and regulations.

Specifier Notes: Specify the applicable associations. Association rule books are updated each year around September 1.

- 1. National Federation of State High School Associations (NFHS).
- 2. National Collegiate Athletic Association (NCAA)
- 3. International Association of Athletics Federations (IAAF)

### 1.7 DELIVERY, STORAGE, AND HANDLING

- A. Delivery: Deliver materials to site in manufacturer's original, unopened containers and packaging, with labels clearly identifying product name and manufacturer.
- B. Storage: Store materials in clean, dry area indoors in accordance with manufacturer's instructions. Keep temporary protective coverings in place.
- C. Handling: Protect materials and finish from damage during handling and installation.

Sand Pit Covers

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## SPECIFICATIONS

### 1.8 WARRANTY

- A. Provide 1-year warranty against defects in materials and workmanship, unless otherwise specified.

## PART 2 PRODUCTS

### 2.1 MANUFACTURER

- A. Gill Athletics, Inc., 2808 Gemini Ct, Champaign, Illinois 61822.
- B. Distributed by: California Facility Specialties, 260 W. Arrow Hwy, Suite E, San Dimas CA 91773 Phone: 909-599-1200

Specifier Notes: Specify **one** of the following **two** paragraphs regarding substitutions. Edit as required for the project. Coordinate with Section 01630 (01 25 13) – Product Substitution Procedures.

- B. Substitutions: Not permitted.
- C. Substitutions: Requests for substitutions will be considered in accordance with Section 01630 (01 25 13).

### 2.2 SAND PIT COVERS

Specifier Notes: Specify the following paragraph for all sand pit covers. Add model number, either **730148** – Sand Pit Cover recessed for track surface, or **730148F** – Sand Pit Cover flush.

- A. Sand Pit Cover: Model No. \_\_\_\_\_ Sand Pit Cover.

Specifier Notes: Remove the following line if specifying the 730148F Sand Pit Cover.

1. Sand Pit Cover: Constructed of 9 1/2" x 1 3/4" x 1/8" aluminum planking and framed with 2 3/8" x 1 1/2" x 3/16" aluminum angle. Each panel is recessed to receive 12mm synthetic track surface to be applied by the installer. The cover will consist of a number of standard sized panels and one special end panel. Each standard panel will have four handles.

Specifier Notes: Remove the following line if specifying the 730148 Sand Pit Cover.

2. Sand Pit Cover: Constructed of 9 1/2" x 1 3/4" x 1/8" aluminum planking and capped with 2" x 2" x 3/16" aluminum angle. The cover will consist of a number of standard sized panels and one special end panel. Each standard panel will have four handles.

## PART 3 EXECUTION

### 3.1 EXAMINATION

- A. Examine areas to receive sand pit covers. Notify Architect in writing of conditions that would adversely affect installation or subsequent use. Do not proceed with installation until unsatisfactory conditions are corrected.

Sand Pit Covers

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**3.2 INSTALLATION**

- A. Install sand pit covers in accordance with manufacturer's instructions at locations indicated on the Drawings.
- B. Install equipment plumb, level, straight, square, accurately aligned, correctly located, to proper elevation, and secure.
- C. Install equipment using manufacturer's supplied hardware and fasteners.
- D. Repair minor damages to finish in accordance with manufacturer's instructions and as approved by Architect.
- E. Remove and replace damaged components that cannot be successfully repaired, as determined by Architect.

**3.3 ADJUSTING**

Specifier Notes: Edit the following sentences as required to specify adjusting of installed equipment.

- A. Inapplicable

**3.4 CLEANING**

- A. Clean sand pit covers promptly after installation in accordance with manufacturer's instructions.
- B. Remove temporary protective coverings.
- C. Do not use harsh cleaning materials or methods that would damage finish.
- D. Do not remove warning labels and decals.

**3.5 DEMONSTRATION**

Specifier Notes: Edit the following sentences as required to specify demonstration of installed equipment to Owner's personnel.

- A. Demonstrate operation and maintenance of sand pit covers to Owner's personnel.

**3.6 PROTECTION**

- A. Protect installed sand pit covers to ensure equipment will be without damage or deterioration at time of substantial completion.

## SPECIFICATIONS

### LOOSE GOODS SPECIFICATION

#### HURDLES

**Model #400** This economical hurdle meets official pull over resistance at all high school heights. Trigger release system allows for pain-free height adjustment to 5 heights: 30", 33", 36", 39", and 42". Rigid double-crossbar design ensures superior durability. All steel construction, powder coated tubes, and PVC gate board. Black gate tubes only. Ships partially assembled.

**Model #402** The standard for elite high school track programs. All aluminum rectangular tube construction allows a flight of hurdles to be stacked with ease. The welded cross support design provides unmatched durability. This 41" hurdle meets official high school pullover requirements at 5 heights: 30", 33", 36", 39", and 42". Weighted base and Lexan® gateboard. Meets High School specifications. Ships assembled. Gate tubes available in a variety of bright and durable powder coat colors at no extra cost.

**Model #4060** offers many features of international quality hurdles at a lower price. Constructed of thick extruded aluminum. Free sliding weights adjust quickly to give official pullover resistance at all official heights. Powder coated tubes with a Lexan® gateboard. Adjustable to 5 heights: 30", 33", 36", 39", and 42". Meets High School and NCAA specifications. Gate tubes available in a variety of bright and durable powder coat colors at no extra cost.

**Model #406** constructed from thick extruded aircraft aluminum. Weight adjusts to meet precise official pullover force at each of the five heights. Our easy to stack design allows hurdles to be neatly placed at the edge of the track or stored using minimum space. Adjustable to 5 heights, 30", 33", 36", 39", and 42". Meets NCAA specifications and IAAF certified. Gate tubes available in a variety of bright and durable powder coat colors at no extra cost.

**Model # 411** This sturdy aluminum 41" hurdle meets official high school pullover requirements at 5 heights: 30", 33", 36", 39", and 42". Features heavier gauge aluminum crossbraces, Lexan® gateboard, anodized legs and powder coated gate tubes available in a variety of colors. .

**Model #4000** Designed for use with rocker or "L" shaped 41" hurdles. Walk in design easily holds 10 hurdles. Powder coated, all steel construction with swivel casters for easy handling

**Model #112** Anti-thumb pinching height adjustment mechanism redesigned to move the weights automatically easier than any other hurdle. Combined with reinforced aluminum extrusions for added strength and durability and improved nesting capabilities the result is a hurdle with no

## SPECIFICATIONS

equal. Adjustable to 5 heights: 30", 33", 36", 39", and 42". Meets NCAA specifications. IAAF certified. Gate tubes available in a variety of bright and durable powder coat colors at no extra cost.

### Model #733630

This is the world's most convenient and efficient hurdle cart. Sturdy steel construction with a durable powder coat finish. Efficiently carries ten 41" "L" shaped hurdles.

## STARTING BLOCKS

Model #414 One piece, sixteen gauge steel with no loose parts to misplace. Rubber faced pedals. Sixteen needle spikes eliminate any possibility of slipping.

Model #416 One piece design. Spring-lock pedal adjustment. Adaptable for use on synthetic or dirt tracks. All steel construction, durable finish with rubber pedal pads. Features built in set spikes.

Model #410 Designed for high level competition. Constructed of aircraft aluminum with pedals that adjust to four angles. Includes ½" needle spikes for synthetic tracks.

Model #73017712 has a fixed angle pedal of 60° and pedals of a standard width.

Model #923 Compatible with almost any starting block, the Essentials Block Cart is the ultimate in functionality. Carries up to 10 sets of blocks. All steel construction with black lacquer finish. Dimensions: 52" tall, 38" long, 20" wide.

Model #9240 With a 16 starting block capacity, the Transporter starting block cart sets itself apart from all other models. Designed to accommodate virtually any starting block. Large wheels allow for easy transport over any surface. Steel construction with durable powder coat finish.

## LANDING SYSTEMS

Foam: Select density polyurethane foam creates precisely desired compression and superior durability. Fabric: 18 oz. Vinyl coated woven polyester produces maximum durability and puncture resistance of 390 psi. Unlike vinyl coated nylon, this fabric holds its shape under the worst conditions. All section seams are heat sealed to prevent any water seepage. Fastening System: Industrial strength hook and loop material exceeds grip requirements even after 5000 assembly cycles. Covers: Gill weather covers use the same super strong vinyl coated woven polyester as used in our landing system casings with top and bottom heat sealed seams to keep moisture out. Seams: Extra heavy #138 nylon thread is used throughout. Seams are folded and triple stitched. D-ring straps are back stitched for added holding power. Hardware: Durable aluminum carabiners offer several advantages over conventional hardware. They are easily replaceable and allow for quick removal of the top pad. These carabiners are also designed with a breakaway point to prevent excessive damage in the event of wind storm movement of the

## SPECIFICATIONS

landing system. Heavy duty plastic zippers are corrosion resistant for smooth operation in all conditions. All zippers are sewn in to folded vinyl and are double stitched. Top Pad: 2" foam encased in vinyl-coated woven polyester mesh fabric covers the entire surface. Pole vault top pads feature an 8' x 10' preferred landing zone in white mesh fabric. New "V" strap design eliminates tearing by distributing forces more evenly.

Model #653 Employs a skirted mesh top that hold the units together for a snug fit. Hook and loop box cut-out fastener. Royal Blue only.

Overall size: 19'9" x 20'2" x 26"

Overall size metric: 6.02m x 6.15m x 0.66m

(3) Base units: 6'7" x 12'9" x 26"

(2) Front Slant units: 8'3" x 7'5" x 26"

Meets High School Specifications. Optional Cover 65302.

Model #66311

Overall size: 21'6" x 24' x 32"

Overall metric: 6.55m x 7.32m x 0.81m

(3)Base Units: 7'2" x 13' x 30"

(2)Front Tri-slant units: 8'3" x 6' x 30" to 16"

(2)Front Extensions: 9'6" x 5' x 16"

(1)Top Pad Unit: 21' x 23'8" x 2"

8' x 10' Preferred Landing Zone

16'10" in back of the vault box.

Meets High School and NCAA specifications.

Hook and loop fastening system. Optional Cover 6631102

Model #66711 Used at all of the US Indoor Championship meets, the oversized Maximum PV Landing System is the safest in the industry.

Overall size: 21'6" x 30' x 32"

Overall metric: 6.55m x 9.14m x 0.81m

(3)Base Units: 7'2" x 16' x 30"

(2)Front Tri-slant units: 8'3" x 6' x 30" to 16"

(2)Front Extensions: 9'6" x 8' x 16"

(1)Top Pad Unit: 21' x 29'8" x 2"

8' x 10' Preferred Landing Zone

19'10" in back of the vault box.

## SPECIFICATIONS

Meets High School and NCAA specifications. IAAF certified.

Hook and loop fastening system. Optional Cover 6671102

### PV Standards

**Model #7110** The upright and riser are heavy gauge steel tubing. Heights are adjustable from 7' to 18' reading English and Metric. Upright detaches from base rails for storage. Wide stance base for added stability. 75mm and 55mm bar rest pins and 8 base anchors included. Meets High School and NCAA specifications.

**Model #715F** Protects both vaulters and poles from hitting the bases of standards. Fits 28" tall Gill systems and all standards with center-mounted uprights. 18 oz. polyester vinyl-coated on both sides. 24" x 64" x 16". Color royal blue only.

**Model #719** The new SafetyMax+ Vault Box Collar provides additional protection by padding exposed hard surfaces, features winged arms that go down into the vault box for added protection, and complies with ASTM standard F2949. Safety yellow color helps highlight the open area for planting the vaulting pole. The SafetyMax+ will work with any style of pole vault landing system. Patent No. 8,444,531 B1.

**Model #715V** is angled with the slope of the pad for added safety and a sharper look. Protects both vaulters and poles from hitting the bases of standards. Fits 32" tall Gill systems and all standards with center-mounted uprights. 18 oz. polyester vinyl-covered on both sides with hook and loop fastener. Adjustable measurement scale on top of pad. IAAF certified. Color royal blue.

**Model #523** Durable pulltruded fiberglass Crossbar with replaceable ends. An excellent choice for high school competition. Crossbars are not guaranteed against breakage. Meets High School specifications.

**Model #530AGX** The Anti Gravity crossbar features our durable pulltruded fiberglass rod paired with state of the art ends. These ends have a half moon profile which lowers the center of gravity of the bar. The result is a crossbar that is more stable allowing your athlete to defy gravity and jump to new heights. Crossbars are not guaranteed against breakage. Meets High School and NCAA specifications. IAAF certified.

## SPECIFICATIONS

### HIGH JUMP

Model #640A This economical high jump landing system meets all high school rules requirements. In place of a standard top pad, the Essentials High Jump Landing System employs a skirted mesh top that holds the units together for a snug fit. Royal Blue only. Available with Weather Cover 640A02.

Overall size: 16' x 8' x 24"

Overall size metric: 4.88m x 2.44m x 0.61m

(2) Base units: 8' x 8' x 24"

Meets High School specifications.

#### Model #64211 High Jump Landing System

Overall size: 16' 6" x 10' x 26" w/ safety cutout

Overall size metric: 5.03m x 3.05m x 0.66m

Meets High School and NCAA specifications.

Hook and loop fastening system. Royal Blue only. Available with Weather Cover 6421102

#### Model #64911 High Jump Landing System

Overall size: 21'6" x 13'2" x 28"

Overall metric: 6.55m x 4.01m x 0.71m

(2) Base Units: 6'7" x 11'5" x 26"

(2) Base Units: 5' x 12'2" x 26"

(1) Top Pad Unit: 21'6" x 13'2" x 2"

Meets High School, NCAA, and IAAF specifications.

Hook and loop fastening system. Royal Blue only. Available with Weather Cover 6491102

Model #700 All steel construction with black powder coat finish. 18" square base includes wheels for easy mobility. Height scales read both English and Metric from 2' to 8'. Meets High School and NCAA specifications. Five year warranty.

Model #7040 standard has a heavy gauge steel upright which bolts onto a 18" square roll away steel base. The riser is constructed of steel with welded bar rests. Height scales read both English and Metric from 2' to 8'. Complies with High School and NCAA specifications.

Model #705 Designed for maximum durability. The upright is made of heavy gauge steel which bolts to a 18" square roll away steel base. Riser is constructed of aircraft aluminum with cast

## SPECIFICATIONS

aluminum bar rests and rides on sturdy cast aluminum upper and lower riser guides. Height scales read both English and Metric 2' to 8'. Meets High School and NCAA specifications. IAAF certified

Model #730120 Extruded aluminum construction. Riser is held at height with a durable clamping system that features an adjustable readout which allows for initial calibration. Facilitates bar heights up to 8' 6". Heavy steel base with leveling pads provide stability while wheels enhance portability. The base is powder coated to resist the elements. Meets High School and NCAA specifications. IAAF certified.

Model #VP405 includes the following items:

- 1 640A Essentials High Jump Landing System
- 1 640A02 Weather Cover (not shown)
- 1 Pair of 700 Essentials HJ Standards
- 1 522 Essentials HJ Crossbar

*Only Available in Royal Blue Vinyl and Gray Mesh.*

Model #VP410 includes the following items:

- 1 64211 Scholastic II High Jump Landing System
- 1 6421102 Weather Cover
- 1 Pair of 7040 Scholastic HJ Standards
- 1 522 Scholastic HJ Crossbar

*Only Available in Royal Blue Vinyl and Gray Mesh.*

Model #VP600 includes the following items:

- 66311 National Pole Vault Landing System
- 6631102 Pit Weather Cover
- 1 pair 715V Base Pads
- 1 pair 7141 National Pole Vault Standards
- 1 526 Gill International Pole Vault Crossbar

Stock color pits (royal blue vinyl and gray mesh) have a 1 week lead time.

Custom colored pits have a 4 week lead time.



## SPECIFICATIONS

### **Gill FinishLynx Systems**

**Scholastic Solution** This package is a true fully inclusive digital photo finish and timing solution—out of the box. Scholastic camera has ten times higher timing resolution and accuracy than a video system. In addition, this system can be upgraded at any time for higher resolution images, color images, or even wireless operation. Includes: \*5L200 Scholastic Camera \*25mm f 1.2 C-Mount Lens \*All Camera Connection and Power Cables \*Normally Closed Start \*Sensor and 500' Cable \*FinishLynx Lite Software \*Lynx Pad Meet Management Software \*6' Mounting Tripod

**Bronze Solution** \* Everything you need to get started! \* Manage your entire meet \* Generate funds at 1st meet! \* Easy, accurate, and fast \* No hand timer to find and pay \* Fully automatic timing \* Certifiable records and results \* Eliminate disputes \* Includes: Monochrome EtherLynx 2000 Camera, Zoom Lens, Cabled Start Sensor, Camera Cabling, Tripod & Mounting Hardware, FinishLynx Timing Software, LynxPad Meet Management Software, Print Laminator, 50 Laminator Foam Boards

**Silver Solution** \* Full color images \* Rapid focus adjustment \* Easier athlete identification \* Automatic camera alignment \* Remote controlled lens \* Quick and accurate alignment \* Includes: All Bronze Solution features plus, Color Option for the EtherLynx 2000 Camera, Remote Control Lens, Remote Control Mount

**Gold Solution** \* Wireless start system \* Finish line display \* Eliminate start cabling issues \* Software photocell \* Faster set-up time \* Auto capture functionality \* Includes: All Bronze and Silver Solution features plus, RadioLynx Wireless Start System, Finish Line Alphanumeric Display, Identilynx Digital Video Camera

### **STEELPLECHASE**

Wheels easily set and retract with a finger lever and lift on each end. The most maneuverable barrier available. Updated pull pin design makes this the easiest steeple barrier to set the height. Welded gusset improves strength support of the beam: This is the last steeple barrier you'll need to buy. Adjusts to three heights: 30", 33", and 36". Meets NCAA specifications. IAAF certified.

SPECIFICATIONS

**Art Metal Products  
Bench Top and Pedestal Specifications**

**Benchtops:** To be 9-1/2" wide x 1-1/4" thick and made from laminated hardwood. Benchtops are to be finished with one coat deep penetrating sealer and two coats of heavy body high impact hot hydraulically applied lacquer. Benches up to 8'-0" in length have two pedestals. Benchtops longer than 8'-0" up to 12'-0" are supplied with three pedestals.

**No. 4805 Heavy-Duty Steel Pedestal:** Fabricated from 1-1/2" diameter 14 gauge steel tube welded to top and bottom 11 gauge formed flanges. Each flange to have three anchoring holes. Color: #729 Parchment.

**No. 4810 Extra Heavy Duty Cast Iron Pedestal:** One piece cast iron pedestal to include 6" diameter top and bottom flanges. Each flange to have three anchoring holes. Multiple piece constructed pedestal are not acceptable. Color #729 Parchment.

**No. 8032 Pedestal:** Adjustable height pedestal consisting of a cast aluminum base, threaded pipe nipple and steel pipe flange at the top. Anchoring thru the cast aluminum base is concealed. Color #729 Parchment.

Updated 7/27/2012

SPECIFICATIONS

**ART METAL PRODUCTS®**  
**Heavy-Duty Corridor Elite (HDCE)**  
**KD Lockers**

**General:** Lockers shall be "AMP Heavy-Duty Corridor Elite (HDCE) KD Lockers" as manufactured by Art Metal Products or approved equal. Fabricate lockers square, rigid and without warp, with metal faces flat and free from dents or distortion. Make all exposed metal edges safe to touch. Weld frame members together to form rigid, one-piece structure. Weld, bolt, or rivet other joints and connections as standard with manufacturer. Grind exposed welds flush. Do not expose bolts or rivet heads on fronts of locker doors or frames except for fastening of number plates and recessed handle.

Lockers shall be **GREENGUARD Children & Schools Certified<sup>SM</sup>**

**Finishing:** All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade custom blend powder electrostatically sprayed and baked at 350 degrees Fahrenheit for a minimum of 20 minutes to provide a tough durable finish. Color to be selected from manufacturer's standard list of colors. Interior components to be painted #729 Parchment.  
**Two-Tone Color Combination:** Shall be at no additional cost with the locker frame and trim chosen from one color and the doors may be one of any other color chosen from manufacturers standard selection.

**Frame:** Fabricate of 16 gauge (minimum) channels, with integral continuous door stop/strike formed on both latch and hinge side vertical members. Cross frame members of 16 gauge channel shapes, including intermediate cross frame members on double and triple tier (frames with doors over 18" high) lockers shall be securely welded to the vertical framing members to ensure rigidity. Rubber bumpers shall be provided to cushion door closing.

**HDC Elite Wardrobe Doors:** Doors 20" high and over to be fabricated from single sheet prime 14 gauge with single bends at top and bottom and double bends at the sides. **Elite Doors shall include a 3" wide 18 gauge full height channel door stiffener MIG welded to the hinge side of the door as well as to the top and bottom door return bends and spot welded to the inside of door face to form a rigid torque-free box reinforcement for the door.** The channel formed by the double bend at the latch side is designed to fully conceal the lock bar. Doors shall be louvered.

**Seamless Drawn Locker Handle:** All wardrobe doors 20" high and over shall have a seamless drawn not less than 304 stainless steel recessed handle shaped to receive a padlock or built-in combination lock. The recessed handle shall be deep enough to have the lock be completely flush with the outer door face.

**Latch Assembly:** The latching mechanism for wardrobe doors shall be finger lift control type constructed of 14 gauge (minimum) steel with a nylon cover that has a generous finger pull. Spring activated nylon slide latches shall be completely enclosed in the lock channel allowing doors to close with the lock in the locked position. Lock bar shall be hot dip galvanized and installed after the door is painted to ensure proper operation and paint coverage. Locking device shall be designed for use with either built-in combination locks or padlocks. Latch hooks shall be securely welded to the vertical frame channel on the strike side to engage the nylon slide latches. Three latch hooks for doors 48" and higher, two latch hooks for doors under 48" high.

SPECIFICATIONS

**Art Metal Products® Heavy-Duty Corridor Elite™ (HDCE) KD Lockers (Page 2)**

**Door Hinges:** Shall be a continuous 16 gauge piano hinge securely welded to the door and riveted to the frame. All doors to be right hand, side hinged.

**Body:** Fabricate back and sides of 24 gauge (minimum) sheet steel, with double flanged connections extending full height. Form top, bottom and intermediate tier dividers of 24 gauge (minimum) sheet steel with single return bends at all sides. Bolt top and bottom as well as horizontal tier dividers of wardrobe openings to front horizontal frame members at not less than one place in addition to side panels. Form hat shelves at 60" and 72" high single tier lockers of 24 gauge (minimum) sheet steel with single bends at sides and back and a double bend at front.

**Locks (If Required):** Shall be master keyed to one system for the entire project. (See lock use chart for suggested lock application).

**Equipment:** Furnish each locker with the following items, unless otherwise shown.

**Single tier lockers:** Openings 60" and 72" shall include one hat shelf, one double prong ceiling hook and a minimum of two single prong wall hooks.

**Double tier lockers:** Openings 30" and 36" high shall include one double prong ceiling hook and a minimum of two single prong wall hooks.

**Triple tier lockers:** Openings 20" and 24" high shall include one double prong ceiling hook only.

**Two-Year Warranty:** Art Metal Products KD lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section for a period of two years.

SPECIFICATIONS

**ART METAL PRODUCTS®**  
**AMP-1003E Champ Corridor Elite™**  
**Twin-Frame™ All-Welded Lockers**

**General:** Lockers shall Be "AMP-1003E Champ Corridor Elite Twin-Frame All-Welded Lockers" as manufactured by Art Metal Products or approved equal. All lockers shall be factory-assembled, of all MIG welded construction, in multiple column units to meet job conditions. **Assembly of locker bodies by means of bolts, screws, or rivets will not be permitted. Welding of knockdown locker construction is not acceptable.** Grind exposed welds and metal edges flush and make safe to touch.

Lockers shall be **GREENGUARD Children & Schools Certified<sup>SM</sup>**

**Finishing:** All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade enamel electrostatically sprayed and baked at 325 degrees Fahrenheit for a minimum of 30 minutes to provide a tough durable finish. Color to be selected from manufacturer's standard list of colors. **Two-Tone Color Combination: Shall be at no additional cost with the locker body, frame and trim chosen from one color and the doors may be one of any other color chosen from manufacturers standard selection.**

**AMP-1003E Elite Wardrobe Doors:** Doors 20" high and over shall be fabricated from single sheet prime 14 gauge with single bends at top and bottom and double bends at the sides. **Doors shall include a 3" wide (1-1/2" for 9" wide wardrobe doors) 18 gauge full height channel door stiffener MIG welded to the hinge side of the door as well as to the top and bottom door return bends and spot welded to the inside of door face to form a rigid torque-free box reinforcement for the door.** The channel formed by the double bend at the latch side is designed to fully conceal the lock bar. Doors to be louvered.

**Seamless Drawn Stainless Steel Recessed Locker Handle:** All locker doors shall have a seamless drawn stainless steel recessed handle shaped to receive a padlock or built-in combination lock. The recess pan shall be deep enough to have the lock be completely flush with the outer door face. A finger lift/padlock hasp shall protrude through the top of the handle for easy opening of the locker door.

**Door Hinges:** Hinges for wardrobe doors shall not be less than 16 gauge continuous piano type, securely riveted to frame and welded to the door. All doors shall be right hand side hinged.

**Latching:** The latching mechanism shall be finger lift control type constructed of 14 gauge (minimum) steel with a nylon cover that has a generous finger pull. Spring activated nylon slide latches shall be completely enclosed in the lock channel allowing doors to close with the lock in the locked position. Locking devise shall be designed for use with either built-in combination locks or padlocks. Latch hooks shall be 12 gauge (minimum) and shall be MIG welded to vertical frame member. Provide three latch hooks for doors 48" and over and two for doors under 48".

## SPECIFICATIONS

### AMP-1003E (Page 2)

**Twin-Frame / Vertical Side Panels:** Shall be of integral frame and side wall construction manufactured from solid 16 gauge sheet steel. The one-piece side/frame shall be formed to provide a continuous door strike on the hinge side. An additional continuous vertical door strike shall be achieved at the latch side by MIG welding a 16 gauge full height channel frame member to the integral locker side producing a rigid torque-free welded locker body. The frame shall include a tab which engages a slot in the base locking the side panel and frame into position.

**Integral Frame Locker Base:** 16 gauge formed sheet steel with double return flanges at the front and rear. A full depth horizontal channel shall be MIG welded under the locker bottom front-to-back at the left and right side of each welded locker unit as well as beneath each vertical side panel for maximum rigidity.

**Flat Tops:** Shall be formed of one piece of 16 gauge cold rolled sheet steel and shall be an integral part MIG welded to each vertical side panel frame member and be continuous to cover the full width of a multiple locker unit.

**Hat Shelves, Intermediate Shelves And Bottoms:** Shall be 16 gauge sheet steel, have double bends at front and shall be MIG welded to the sides.

**Backs:** Shall be 18 gauge cold rolled sheet steel, be continuous to cover a multiple twin-framed unit and be welded to each vertical side panel.

**Locks (If Required):** Shall be master keyed to one system for the entire project. (See lock use chart for suggested lock application).

**Equipment:** Furnish each locker with the following items, unless otherwise shown.

**Single tier lockers:** Openings 60" and 72" shall include one hat shelf, one double prong ceiling hook and a minimum of two single prong wall hooks.

**Double and Triple tier lockers:** Openings 20" thru 36" high shall include one double prong ceiling hook and a minimum of two single prong wall hooks.

**Lifetime Warranty:** Art Metal Products Twin-Frame All-Welded Lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section **for the lifetime of the facility.**

## SPECIFICATIONS

### **ART METAL PRODUCTS® Heavy-Duty Ventilated (HDV) KD Wardrobe and Box Lockers**

**General:** Lockers shall Be "AMP Heavy-Duty Ventilated (HDV) KD Wardrobe and Box Lockers" as manufactured by Art Metal Products or approved equal. Fabricate lockers square, rigid and without warp, with metal faces flat and free from dents or distortion. Make all exposed metal edges safe to touch. Weld frame members together to form rigid, one-piece structure. Weld, bolt, or rivet other joints and connections as standard with manufacturer. Grind exposed welds flush. Do not expose bolts or rivet heads on fronts of locker doors or frames except for fastening of number plates and recessed handle.

Lockers shall be **GREENGUARD Children & Schools Certified<sup>SM</sup>**

**Finishing:** All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade, custom blend powder, electrostatically sprayed and baked at 350 degrees Fahrenheit for a minimum of 20 minutes to provide a tough durable finish. Color to be selected from manufacturer's standard list of colors. Interior components to be painted choice of #729 Parchment or #725 Hallowell Gray. **Two-Tone Color Combination: Shall be at no additional cost with the locker frame and trim chosen from one color and the doors may be one of any other color chosen from manufacturers standard selection.**

**Frame:** Fabricate of 16 gauge (minimum) channels, with integral continuous door stop/strike formed on both latch and hinge side vertical members. Cross frame members of 16 gauge channel shapes, including intermediate cross frame members on double and triple tier (frames with doors over 18" high) lockers shall be securely welded to the vertical framing members to ensure rigidity. Rubber bumpers shall be provided to cushion door closing.

**HDV Wardrobe Doors:** Doors 20" high and higher shall be fabricated from single sheet prime 14 gauge with single bends at top and bottom and double bends at the sides. The channel formed by the double bend at the latch side is designed to fully conceal the lock bar. Doors to be perforated with 5/8" x 1-1/2" diamonds.

**HDV Box Doors:** Doors 18" high and under to be fabricated from single sheet prime 14 gauge with single bends at top, bottom and sides. Doors shall include a combination friction catch door pull. Padlock Strike Plates are optional. Doors shall be fabricated to accept a built-in combination lock or padlock. **Doors with projecting spring latches shall not be acceptable.** Doors to be perforated with 7/16" x 15/16" diamonds.

**Stainless Steel Recessed Locker Handle:** All wardrobe doors shall have a deep-drawn, seamless, not less than 304 stainless steel recessed handle shaped to receive a padlock or built-in combination lock. The recess pan shall be deep enough to have the lock be flush with the outer door face. Box doors shall be equipped with a combination friction catch door pull as stated above.

## SPECIFICATIONS

### **Art Metal Products® Heavy-Duty Ventilated (HDV) KD Wardrobe and Box Lockers (Page 2)**

**Latch Assembly:** The latching mechanism for wardrobe doors shall be finger lift control type constructed of 14 gauge (minimum) steel with a nylon cover that has a generous finger pull. Spring activated nylon slide latches shall be completely enclosed in the lock channel allowing doors to close with the lock in the locked position. Lock bar shall be hot dip galvanized and installed after the door is painted to ensure proper paint coverage and operation. Locking device shall be designed for use with either built-in combination locks or padlocks. Latch hooks shall be securely welded to the vertical frame channel on the strike side to engage the nylon slide latches. Three latch hooks for doors 48" and higher, two latch hooks for doors under 48" high.

**Door Hinges:** All doors shall include a 16 gauge continuous piano hinge welded to the door and riveted to the frame. All doors to be right hand, side hinged.

**Body:** Fabricate backs of 18 gauge (minimum) solid sheet, sides of 16 gauge (minimum) sheet steel with double flanged connections extending full height. Sides to be diamond perforated for added ventilation. Form top, bottom and intermediate tier dividers of 16 gauge (minimum) solid sheet steel with single return bends at all sides. Bolt top and bottom as well as horizontal tier dividers of wardrobe openings to front horizontal frame members at not less than one place in addition to side panels. Form hat shelves at 60" and 72" high single tier lockers of 16 gauge (minimum) sheet steel with single bends at sides and back and a double bend at front.

**Locks (If Required):** Shall be master keyed to one system for the entire project. (See lock use chart for suggested lock application).

**Equipment:** Furnish each locker with the following items, unless otherwise shown.

**Single tier lockers:** Openings 60" and 72" shall include one hat shelf, one double prong ceiling hook and a minimum of two single prong wall hooks.

**Double tier lockers:** Openings 30" and 36" high shall include one double prong ceiling hook and a minimum of two single prong wall hooks.

**Triple tier lockers:** Openings 20" and 24" high shall include one double prong ceiling hook only.

**Box lockers:** No hooks

**Two-Year Warranty:** Art Metal Products KD lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section for a period of two years.



SPECIFICATIONS

**ART METAL PRODUCTS®**  
**AMP-1006**  
**Twin-Frame™ All-Welded Box Lockers**

**General:** Lockers shall be "AMP-1006 Twin-Frame All-Welded Box Lockers" as manufactured by Art Metal Products or approved equal. All lockers shall be factory-assembled, of all MIG welded construction, in multiple column units to meet job conditions. **Assembly of locker bodies by means of bolts, screws, or rivets will not be permitted. Welding of knockdown locker construction is not acceptable.** Grind exposed welds and metal edges flush and make safe to touch.

Lockers shall be **GREENGUARD Children & Schools Certified<sup>SM</sup>**

**Finishing:** All locker parts to be cleaned and coated after fabrication with a seven stage zinc/iron phosphate solution to inhibit corrosion, followed by a coat of high grade custom blend powder electrostatically sprayed and baked at 350 degrees Fahrenheit for a minimum of 20 minutes to provide a tough durable finish. Color to be selected from manufacturer's standard list of colors. **Two-Tone Color Combination: Shall be at no additional cost with the locker body, frame and trim chosen from one color and the doors may be one of any other color chosen from manufacturers standard selection.**

**AMP-1006 Box Doors:** Doors 18" high and under to be fabricated from single sheet prime 14 gauge with single bends at top, bottom and sides. Doors shall include a combination friction catch door pull. Padlock Strike Plates are optional. Doors shall be fabricated to accept a built-in combination lock or padlock. **Doors with projecting spring latches shall not be acceptable.** Doors to be perforated with 7/16" x 15/16" diamonds.

**Door Hinges:** Hinges for wardrobe doors shall not be less than 16 gauge continuous piano type, securely riveted to frame and welded to the door. All doors shall be right hand side hinged.

**Twin-Frame / Vertical Side Panels:** Shall be of integral frame and side wall construction manufactured from 16 gauge sheet steel. The one-piece side/frame shall be formed to provide a continuous door strike on the hinge side. An additional continuous vertical door strike shall be achieved at the latch side by MIG welding a 16 gauge full height channel frame member to the integral locker side producing a rigid torque-free welded locker body. The frame shall include a tab which engages a slot in the base locking the side panel and frame into position. Sides to be diamond perforated for added ventilation.

**Integral Frame Locker Base:** 16 gauge formed sheet steel with double return flanges at the front and rear. A full depth horizontal channel shall be MIG welded under the locker bottom front-to-back at the left and right side of each welded locker unit as well as beneath each vertical side panel for maximum rigidity.

**Flat Tops:** Shall be formed of one piece of 16 gauge cold rolled sheet steel and shall be an integral part MIG welded to each vertical side panel frame member and be continuous to cover the full width of a multiple locker unit.

**Hat Shelves, Intermediate Shelves And Bottoms:** Shall be 16 gauge sheet steel, have double bends at front and shall be MIG welded to the sides.

## SPECIFICATIONS

### **AMP-1006 (Page 2)**

**Backs:** Shall be 18 gauge cold rolled sheet steel, be continuous to cover a multiple twin-framed unit and be welded to each vertical side panel.

**Locks (If Required):** Shall be master keyed to one system for the entire project. (See lock use chart for suggested lock application).

**Lifetime Warranty:** Art Metal Products Twin-Frame All-Welded Lockers are covered against all defects in materials and workmanship excluding finish, damage resulting from deliberate destruction and vandalism under this section **for the lifetime of the facility.**

## SPECIFICATIONS

### BW 220 CONTOUR BY SEATING CONCEPTS

#### AUDITORIUM SEATING

##### SPECIFICATIONS:

##### PART 1: GENERAL

- 1.01        **SCOPE:** Deliver and install fixed chairs, Seating Concepts, LLC Model BW 220 Contour, with upholstered seats and upholstered backs and aisle and center standards, all as specified, floor or riser mounted, with self-lifting seat which raises automatically to a uniform 3/4 fold position.
- 1.02        **EXAMINATION & ACCEPTANCE OF WORK IN PLACE:** Examine work in place on which seating work is dependent. Defects which may influence satisfactory completion and performance of seating work shall be corrected in accordance with the requirements of the applicable section of work prior to commencement of seating work.
- 1.03        **FIELD MEASUREMENTS:** Take field measurements to verify or supplement dimensions indicated. Be responsible for accurate fit of work.
- 1.04        **SHOP DRAWINGS:** Submit a complete seating plan developed from the contract drawings, showing all chairs, sizes, and aisle widths. Assume complete responsibility for the accuracy of all chair measurements shown on the seating plan.
- 1.05        **SIZES:** Varying lateral sizes of backs shall be used in accordance with approved seating plans, with standards in each row spaced laterally so that the end standards shall be in alignment from first to last row whether aisles are of constant or converging width.
- 1.06        **RESPONSIBILITY OF BIDDER:** The bidder must provide the following with his bid:  
  
Certain reasonable and relevant performance tests are incorporated as part of this specification. The bidder shall submit, as part of his bid, certified copies of test reports by a recognized independent test laboratory establishing conformance to the performance tests. Failure to supply these test reports shall result in disqualification of the bidder.
- 1.07        **DELIVERY:** Deliver the seating at a proper time for installation that will not interfere with other trades operating in the building. Bid seating for installation and completion as specified.
- 1.08        **MATERIALS AND WORKMANSHIP:**  
  
A. Provide new materials of types specified.  
  
B. Turn over all work to the owner in undamaged condition.  
  
C. Provide workmanship of the best quality by craftsmen skilled in their respective trades.

## SPECIFICATIONS

### 1.09 WARRANTY:

- A. Provide a manufacturer's warranty covering the material and workmanship for a period of five years from the date of final acceptance.
- B. Repair or replace any part which becomes defective during the warranty period, excepting where the product has been subject to accident, alterations, abuse, misuse or neglect.

### PART 2: MATERIAL SPECIFICATIONS

2.01 STEEL: All steel shall have smooth surfaces and be of sufficient gauge thickness and designed to withstand strains of normal use and abuse.

2.02 PADDING MATERIAL: Seat and back padding material shall be of cold molded polyurethane foam. Padding material shall comply with the flammability requirements outlined in California Technical Information Bulletin #117, Resilient Cellular Materials, Section A & D, dated March 2002, when tested in accordance with Federal Test Method Standard 191, Method 5903.2.

2.03 WOOD: Plywood, exposed or concealed, shall be hard wood. All plywood shall be hot press laminated using high frequency process. Interior plys shall be Class 3 or better. Exposed exterior plys shall be Class 1. Particle core shall be 55 pound density.

2.04 PLASTIC: Plastic shall be injection molded, high density polyethylene with ultra-violet light inhibitors to retard fading. Plastic shall have a burn rate of 1" per minute when tested in accordance with ASTM D635 or the Department of Transportation of Motor Vehicle Safety Standard No. 302.

2.05 PLASTIC LAMINATE: Plastic laminate shall be composed of a core of kraft papers impregnated with phenolic resins, a decorative surface sheet, and overlay sheet containing melamine. Layers are fused together under pressures in excess of 1000 PSI, and temperatures over 275 degrees. Plastic laminate shall meet or exceed performance standard as established by N.E.M.A.

Thickness: Horizontal Surfaces	.050
Vertical Surfaces	.030

### 2.06 FINISH:

A. METAL PARTS: Prior to the application of epoxy powder finish, all metal parts shall be cleaned by use of a three step process consisting of an iron phosphate, hot water rinse and a chromic acid rinse. All metal parts, both exposed and non-exposed, shall be coated with an epoxy powder which shall be electrostatically applied. All metal shall have a Minimum Dry Film Thickness of at least two millimeters and shall pass the 2H hardness test. All coated metal parts shall be oven baked at not less than 360 degrees.

B. WOOD PARTS: All exposed surfaces shall be stained to color selected and coated with lacquer of sufficient film depth to afford wear resistance of institutional quality and oven baked.

C. PLASTIC PARTS: Color of plastic shall be selected from manufacturers standard color range.

## SPECIFICATIONS

D. **HARDWARE:** All assembly hardware shall be rust resistant, black plated.

E. Fabric and color shall be selected from manufacturer's standard fabric selection.

### PART 3: PERFORMANCE REQUIREMENTS

3.01 Seating shall be designed and manufactured in compliance with the intent of ANSI/BIFMA X5.4-1990. Seating shall exceed all applicable BIFMA performance test criteria.

### PART 4: CONSTRUCTION DETAILS

#### 4.01 CHAIRS

##### A. STANDARDS:

Standards shall be pedestal design made with a rectangular tube with 18 gauge steel 1" x 3". The tube shall be attached by a concealed weld to a 3-1/4" x 8" 14 gauge deep formed steel foot. The foot shall have four holes for attachment of the standard to a concrete floor with lead shielded expansion bolts. Three bolts shall be used for attachment of the rocker and two bolts shall be used for attachment of the stationary chair or lounge chair and four screws shall be used to attach to a wood floor surface (see wood floor surface thickness requirements). A reinforced 1/4" bracket for seat pan attachment shall be integrated into the standard which has an inlay at mid point for resistance upon force. The seat pan shall be anchored to the standard by use of a hexagon 5/16" fusion nut and a hexagon bolt of 5/16" x 3/4" through a threaded insert on the seat bracket. A lug support for attachment of the back shall be made of 14 gauge sheet metal. Welded to the top of the column shall be a 14 gauge plate for armrest attachment. The standard foot shall be 1" x 3" steel, 1/4" thick.

##### B. AISLE STANDARDS:

The aisle standards shall be oval, fabricated in the same manner as the center standards with a required formed frame of 20 gauge steel welded to the column to accept a decorator panel finished with laminated plastic, upholstery or with the finish to be selected by architect. End panels to be furnished pursuant to the plan of seating.

##### C. SEAT CUSHION AND SEAT PAN WITH HINGE:

Seat cushion shall be of arch-spring type. The seat cushion frame shall be of one piece reinforced injection molded polypropylene. Serpentine springs of normalized steel of 10 gauge, painted in epoxy paint to prevent corrosion, shall span the frame and be secured to the injection molded frame so as to eliminate noise. The spring assembly shall be covered by a tough and durable inter-liner to provide a chafing barrier to protect the cold molded polyurethane seat cushion. The seat cushion shall be cold molded to the contour of the springs to provide a raised outer edge so that the overall seat foam is contoured for exceptional body support in the hip area. The foam shall have a density of 3.4 +/- point two. The seat frame shall have two steel bars that span the width of the cushion and which provide additional strength and support. The seat frame shall rotate on one 1/2" diameter cold rolled steel hinge rod securely attached to the seat frame. The additional hollow steel tube is attached to the rear of the frame for additional

## SPECIFICATIONS

strength, support and stability. The specified fabric, carefully tailored, shall be of panel side construction and manufactured as a slip cover with a zipper. The slip cover fits over the entire assembly in order to allow ease in replacement.

The self lifting mechanism shall be a counter balance system integrated within the seat frame and which utilizes a weight inserted into the interior of the seat frame which allows the seat pan to return to a 75 or 90 degree vertical position by means of gravity. There shall be two ½" square tube stops, two counter-stops and two 1" cold rolled steel bushings, all reinforced.

The seat frame and return mechanism shall be enclosed with a steel cover with decorative embossment surfaced with powder paint and attaches to the frame without screws or other fasteners but which can be removed with the use of a specially supplied tool. The rear of the seat pan shall be vented to allow the foam to breathe.

### D. BACK:

The seat back shall be padded with a cold molded polyurethane foam of 2" thickness at the top increasing to 4" at the bottom of the back and designed for lumbar support. The foam shall be cemented to an injection mold base with four ¼" threaded inserts for the attachment of two die formed metal supports (back wings), 14 gauge, with four cold-rolled galvanized flat head steel screws ¼" by ¾". This shall be mounted onto an injection molded plastic outer back. The outer back shall be injection molded. All attachment screws shall be fully concealed. Back wings shall have provision for 16 degree, 20 degree or 24 degree pitch. Overall height of the chair from floor to top of the back is a minimum 34" as measured in the 20 degree back pitch.

### E. ARMRESTS:

The armrests shall be of solid hardwood, stained to a finish as selected by the architect, or injection molded. They are designed to have a perfect fit with the standards of the chair, which have an exuberance in the lower section, perfectly distributed to hold four lag screws of cold-rolled galvanized steel 1/8" x 19/32". The armrest for the center standards shall be substantially similar in size to the aisle standard armrests.

## SPECIFICATIONS

### F. SPARE PARTS:

Provide a quantity of seat and back component parts equal to approximately two percent of the total amount installed distributed in varying sizes.

### G. AMERICANS WITH DISABILITIES ACT (ADA):

**Wheelchair Areas:** Should be an integral part of any fixed seating plan and be dispersed throughout the seating area. No longer should wheelchair spacing be limited to the rear of the auditorium or theatre but should be situated at the front or in other locations in compliance with the Act. Wheelchair areas should still adjoin an accessible route that also serves as a means of egress in case of an emergency and should still be located in an area that provides lines of sight comparable to those of all other viewing areas.

**Semi ambulant Individuals:** In addition to spaces provided for wheelchair users as noted, there shall be provided seating for semi ambulant individuals. The number of such seating shall be equal to at least one percent of the total seating and shall be no fewer than two or as predicated by local or state ordinances. Such seats shall provide at least 24 inches clear leg space between the front of the seat to the nearest obstruction or to the back of the seat immediately in front.

## PART 5: EXECUTION

- 5.01            **SCOPE OF WORK:** The installation is to be performed by the successful bidder, under the direction of a capable superintendent, in a manner satisfactory to the Architect, and the job turned over to the owner with all chairs complete and ready to use.
- 5.02            **METHOD OF INSTALLATION:** The seating plan is to be reproduced on the floor and/or risers, all dimensions checked against the plan and necessary adjustments made in the layout for all discrepancies. Cover all product for backs and seats in clear plastic bags in order to protect the product prior to use.
- 5.03            **CLEANING:** Remove all debris caused by this work from the premises.

## END OF SECTION

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## SPECIFICATIONS

### BQ 750 SCHOLAR BY SEATING CONCEPTS

#### AUDITORIUM SEATING

##### SPECIFICATIONS:

##### PART 1: GENERAL

- 1.01           SCOPE: Deliver and install fixed chairs, Seating Concepts Model BQ 700 Scholar New York, with seats and backs and aisle and center standards, all as specified, floor mounted, with self-lifting seat which raises automatically to a uniform 3/4 fold position.
- 1.02           EXAMINATION & ACCEPTANCE OF WORK IN PLACE: Examine work in place on which seating work is dependent. Defects which may influence satisfactory completion and performance of seating work shall be corrected in accordance with the requirements of the applicable section of work prior to commencement of seating work.
- 1.03           FIELD MEASUREMENTS: Take field measurements to verify or supplement dimensions indicated. Be responsible for accurate fit of work.
- 1.04           SHOP DRAWINGS: Submit a complete seating plan developed from the contract drawings, showing all chairs, sizes, and aisle widths. Assume complete responsibility for the accuracy of all chair measurements shown on the seating plan.
- 1.05           SIZES: Varying lateral sizes of backs shall be used in accordance with approved seating plans, with standards in each row spaced laterally so that the end standards shall be in alignment from first to last row whether aisles are of constant or converging width.
- 1.06           RESPONSIBILITY OF BIDDER: The bidder must provide the following with his bid:
- Certain reasonable and relevant performance tests are incorporated as part of this specification. The bidder shall submit, as part of his bid, certified copies of test reports by a recognized independent test laboratory establishing conformance to the performance tests. Failure to supply these test reports shall result in disqualification of the bidder.
- 1.07           DELIVERY: Deliver the seating at a proper time for installation that will not interfere with other trades operating in the building.
- 1.08           MATERIALS AND WORKMANSHIP:
- A. Provide new materials of types specified.
- B. Turn over all work to the owner in undamaged condition.
- C. Provide workmanship of the best quality by craftsmen skilled in their respective trades.



## SPECIFICATIONS

- 1.09           **WARRANTY:**
- A. Provide a manufacturer's warranty covering the material and workmanship for a period of five years from the date of final acceptance.
  - B. Repair or replace any part which becomes defective during the warranty period, excepting where the product has been subject to accident, alterations, abuse, misuse or neglect.

### PART 2: MATERIAL SPECIFICATIONS

- 2.01           **STEEL:** All steel shall have smooth surfaces and be of sufficient gauge thickness and designed to withstand strains of normal use and abuse.
- 2.02           **WOOD:** Plywood, exposed or concealed, shall be hard wood. All plywood shall be hot press laminated using high frequency process. Interior plys shall be Class 3 or better. Exposed exterior plys shall be Class 1. Particle core shall be 55 pound density.
- 2.03           **PLASTIC:** Plastic shall be injection molded, high density polypropylene with ultra-violet light inhibitors to retard fading. Plastic shall have a burn rate of 1" per minute when tested in accordance with ASTM D635 or the Department of Transportation of Motor Vehicle Safety Standard No. 302.
- 2.04           **PLASTIC LAMINATE:** Plastic laminate shall be composed of a core of kraft papers impregnated with phenolic resins, a decorative surface sheet, and overlay sheet containing melamine. Layers are fused together under pressures in excess of 1000 PSI, and temperatures over 275 degrees. Plastic laminate shall meet or exceed performance standard as established by N.E.M.A.
- |                                |      |
|--------------------------------|------|
| Thickness: Horizontal Surfaces | .050 |
| Vertical Surfaces              | .030 |
- 2.05           **FINISH:**
- A. **METAL PARTS:** Prior to the application of epoxy powder finish, all metal parts shall be cleaned by use of a three step process consisting of a iron phosphate, hot water rinse and a chromic acid rinse. All metal parts, both exposed and non-exposed, shall be coated with an epoxy powder which shall be electrostatically applied. All metal shall have a Minimum Dry Film Thickness of at least two millimeters and shall pass the 2H hardness test. All coated metal parts shall be oven baked at not less than 360 degrees.
  - B. **WOOD PARTS:** All exposed surfaces shall be stained to color selected and coated with lacquer of sufficient film depth to afford wear resistance of institutional quality and oven baked.
  - C. **HARDWARE:** All assembly hardware shall be rust resistant, black plated.

## SPECIFICATIONS

### PART 3: PERFORMANCE REQUIREMENTS

#### 3.01 Test 1 Vertical Drop Impact Test to Seat:

Test Sample: Three Unit Seat and Back Auditorium Chair.

Test Description: This test consists of repeated impacts of a forty-pound 10 inch diameter sand bag dropped on the seat at an approximate rate of 20 impacts per minute. The center of impact is to be at the center of the seat. The chair tested shall be the middle chair of a three chair assembly.

Tolerances: Bag weight plus or minus one pound.  
Bag diameter plus or minus one inch.

Test Criteria: The bag shall be dropped as follows:

25,000 times from a height of 6"  
25,000 times from a height of 8"  
25,000 times from a height of 10"  
25,000 times from a height of 12"

Acceptance Criteria: Measurements of the seat height are to be taken at the completion of the first 100 impacts and then at the completion of the test. The height of the seat measured at the front edge shall not drop more than  $\frac{3}{4}$ ". There shall be no loosening of the floor fastenings or of the pivots which retain the seat to standards. The seat must be able to return to normal fold position.

#### 3.02 Test 2 Swinging Impact Test:

Test Sample: Use the same three-chair assembly as previously used for the vertical drop impact tests except for the following changes: Rearrange the setup so that the two (outside) outer standards become the middle standards, one outer seat and back shall comprise the middle chair. The previously tested middle chair parts are to be used for the outer (right and/or left) chairs.

Test Description: This test consists of repeated impacts to the chairsback of two 40-pound, 10" diameter sand bags. The bags mounted at 13" centers are to be pivotally hung from a horizontally reciprocating actuating bar cycling at approximately 35 strokes per minute. The sand bags are to be filled with dry sand and hung with the bottom of the bag 32" below the pivot suspension point and 10" below the top of the chair back. The chair back is to be centered between the bags when the bags are in the center of the stroke.

Tolerances: Bag weight plus or minus one pound.  
Bag diameter plus or minus one inch.

Test Criteria: The number of impacts and the horizontal stroke of the actuating bar shall be as follows:

30,000 impacts (cycles) through a distance of 4-3/4"  
20,000 impacts (cycles) through a distance of 6"  
10,000 impacts (cycles) through a distance of 8"

Acceptance Criteria: At the completion of the test, the middle standards shall have demonstrated sufficient strength and durability to withstand the test without failure

SPECIFICATIONS

or irregularities that would impair the unit's usefulness. Also, no visible evidence of failure or irregularities shall have occurred in the seat or back of the unit.

3.03 Test 3 Static Load Test to Seat:

Test Sample: A single floor mounted chair unit.

Description: A vertical static load is to be applied to the top of the seat with the center of the load approximately 3" from the front edge and equal distance from the sides. A beam (2" x 4") is to be used to distribute the load transversely across the seat.

Test Criteria: The test load of 600 pounds is to be applied at the rate of approximately 2" per minute.

Acceptance Criteria: Chair must withstand a minimum load of 600 pounds with a permanent distortion not to exceed 5/8". Deflections and permanent distortions are to be measured at the front center edge of the seat.

3.04 Test 4 Self-Lifting Seat Oscillating Test:

Test Description: The seat shall be lowered mechanically against the down stop, and then released at a rate of 20 times per minute by means of 2 hard rubber rollers attached dually to the end of an actuating bar. The rollers shall be 4" in diameter and contact the center of the seat approximately 5" to 5-1/2" from the rear edge. The mechanism shall allow the seat to cycle freely through its full operation.

Test Criteria: 300,000 Cycles

Acceptance Criteria: At the completion of the test the seat will have demonstrated sufficient strength and durability to withstand this test without any appreciable loss of the seat's self-rising action or excessive loosening of components.

PART 4: CONSTRUCTION DETAILS

4.01 CHAIRS

A. STANDARDS:

The standards shall be pedestal design made by a rectangular tubular, 1" x 3" of 14 gauge steel with a 14 gauge foot. A reinforced 1/4" bracket for seat pan attachment shall be integrated into the standard which has an inlay at mid-point for resistance upon force. The seat pan shall be anchored to the standard by use of a hexagon 5/16" fusion nut and a hexagon bolt of 5/16" x 3/4". A lug support for attachment of the back shall be made of 14 gauge sheet metal. Welded to the top of the column shall be a 14 gauge plate for armrest attachment. The standard shall each be attached to the concrete floor by two 1/4" x 2" expansion bolts set in holes drilled to a depth of not less than 1-1/4".

B. AISLE STANDARDS:

The aisle standards shall be oval, tapered, semi-tapered or arrow-shaped in design and in the same manner as the center standards with a decorator panel

## SPECIFICATIONS

finished with laminated plastic or fully upholstered finish. End panels to be furnished pursuant to the plan of seating.

### C. SEAT AND HINGE:

The seat shall be manufactured of layered plywood, 5 ply, 1/2" thick surfaced on the both faces with either plastic laminate, maple or mahogany veneer and stained per the architect's color selection. Housed within the underside of the seat assembly shall be a dual spring loaded mechanism and steel support structure in order to return the seat to a uniform ¼ fold position in a quiet manner. A plastic formed rod for seat rotation is used to eliminate noise. Anatomically and ergonomically correct design is used for patron comfort.

### D. BACK:

The back shall be manufactured of layered plywood, 5 ply, ½" thick surfaced on both faces with plastic laminate, maple or mahogany veneer and stained per the architect's color selection. Two steel supports of 14 gauge steel are used to attach the back to the main structure of the chair. These supports shall have provision for 20 degree back pitch. Chair widths shall be 19, 20, 21, 22 and 23 inches.

### E. ARMRESTS:

The armrests shall be of solid hardwood, stained to a finish or surfaced with laminate as selected by the architect. They are designed to have a perfect fit with the standards of the chair, which have an exuberance in the lower section, perfectly distributed to hold four lagscrews of cold-rolled galvanized steel 1/8" x 19/32". When fastened, it avoids separation to the standards. The armrest for the center standards shall be substantially similar in size to the aisle standard armrests.

### F. ACCESSORIES:

See Accessories information for inclusion of:

Number and letter plates  
Aisle lights  
Donor plates  
Tablet arms (on 20 to 23 inch units)  
Movable metal bases (with or without wheels)

### G. SPARE PARTS:

Provide a quantity of seat and back component parts equal to approximately two percent of the total amount installed distributed in varying sizes.

### H. AMERICANS WITH DISABILITIES ACT (ADA):

Wheelchair Areas: Should be an integral part of any fixed seating plan and be dispersed throughout the seating area. No longer should wheelchair spacing be limited to the rear of the auditorium or theatre but should be situation at the front or in other locations in compliance with the Act. Wheelchair areas should still adjoin an accessible route that also serves as a means of egress in case of an

## SPECIFICATIONS

emergency and should still be located in an area that provides lines of sight comparable to those of all other viewing areas.

**Semi ambulant Individuals:** In addition to spaces provided for wheelchair users as noted, there shall be provided seating for semi ambulant individuals. The number of such seating shall be equal to at least one percent of the total seating and shall be no fewer than two or as predicated by local or state ordinances. Such seats shall provide at least 24 inches clear leg space between the front of the seat to the nearest obstruction or to the back of the seat immediately in front.

### PART 5: EXECUTION

- 5.01           **SCOPE OF WORK:** The installation is to be performed by the successful bidder, under the direction of a capable superintendent, in a manner satisfactory to the Architect, and the job turned over to the owner with all chairs complete and ready to use.
- 5.02           **METHOD OF INSTALLATION:** The seating plan is to be reproduced on the floor and/or risers, all dimensions checked against the plan and necessary adjustments made in the layout for all discrepancies. Cover all product for backs and seats in clear plastic bags in order to protect the product prior to use.
- 5.03           **CLEANING:** Remove all debris caused by this work from the premises.

### END OF SECTION

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## SPECIFICATIONS

### BQ 700 CAMPUS BY SEATING CONCEPTS

#### AUDITORIUM SEATING

##### SPECIFICATIONS:

##### PART 1: GENERAL

- 1.01           SCOPE: Deliver and install fixed chairs, Seating Concepts Model BQ 700 Campus, with seats and backs and aisle and center standards, all as specified, floor mounted, with self-lifting seat which raises automatically to a uniform 100% fold position.
- 1.02           EXAMINATION & ACCEPTANCE OF WORK IN PLACE: Examine work in place on which seating work is dependent. Defects which may influence satisfactory completion and performance of seating work shall be corrected in accordance with the requirements of the applicable section of work prior to commencement of seating work.
- 1.03           FIELD MEASUREMENTS: Take field measurements to verify or supplement dimensions indicated. Be responsible for accurate fit of work.
- 1.04           SHOP DRAWINGS: Submit a complete seating plan developed from the contract drawings, showing all chairs, sizes, and aisle widths. Assume complete responsibility for the accuracy of all chair measurements shown on the seating plan.
- 1.05           SIZES: Varying lateral sizes of backs shall be used in accordance with approved seating plans, with standards in each row spaced laterally so that the end standards shall be in alignment from first to last row whether aisles are of constant or converging width.
- 1.06           RESPONSIBILITY OF BIDDER: The bidder must provide the following with his bid:
- Certain reasonable and relevant performance tests are incorporated as part of this specification. The bidder shall submit, as part of his bid, certified copies of test reports by a recognized independent test laboratory establishing Conformance to the performance tests. Failure to supply these test reports shall result in disqualification of the bidder.
- 1.07           DELIVERY: Deliver the seating at a proper time for installation that will not interfere with other trades operating in the building.
- 1.08           MATERIALS AND WORKMANSHIP:
- A. Provide new materials of types specified.
- B. Turn over all work to the owner in undamaged condition.
- C. Provide workmanship of the best quality by craftsmen skilled in their respective trades.

## SPECIFICATIONS

- 1.09           **WARRANTY:**
- A. Provide a manufacturer's warranty covering the material and workmanship for a period of one year from the date of final acceptance.
  - B. Repair or replace any part which becomes defective during the warranty period, excepting where the product has been subject to accident, alterations, abuse, misuse or neglect.

### PART 2: MATERIAL SPECIFICATIONS

- 2.01           **STEEL:** All steel shall have smooth surfaces and be of sufficient gauge thickness and designed to withstand strains of normal use and abuse.
- 2.02           **WOOD:** Plywood, exposed or concealed, shall be hard wood. All plywood shall be hot press laminated using high frequency process. Interior plys shall be Class 3 or better. Exposed exterior plys shall be Class 1. Particle core shall be 55 pound density.
- 2.03           **PLASTIC:** Plastic shall be injection molded, high density polypropylene with ultra-violet light inhibitors to retard fading. Plastic shall have a burn rate of 1" per minute when tested in accordance with ASTM D635 or the Department of Transportation of Motor Vehicle Safety Standard No. 302.
- 2.04           **PLASTIC LAMINATE:** Plastic laminate shall be composed of a core of kraft papers impregnated with phenolic resins, a decorative surface sheet, and overlay sheet containing melamine. Layers are fused together under pressures in excess of 1000 PSI, and temperatures over 275 degrees. Plastic laminate shall meet or exceed performance standard as established by N.E.M.A.
- |                                |      |
|--------------------------------|------|
| Thickness: Horizontal Surfaces | .050 |
| Vertical Surfaces              | .030 |
- 2.05           **FINISH:**
- A. **METAL PARTS:** Prior to the application of epoxy powder finish, all metal parts shall be cleaned by use of a three step process consisting of a iron phosphate, hot water rinse and a chromic acid rinse. All metal parts, both exposed and non-exposed, shall be coated with an epoxy powder which shall be electrostatically applied. All metal shall have a Minimum Dry Film Thickness of at least two millimeters and shall pass the 2H hardness test. All coated metal parts shall be oven baked at not less than 360 degrees.
  - B. **WOOD PARTS:** All exposed surfaces shall be stained to color selected and coated with lacquer of sufficient film depth to afford wear resistance of institutional quality and oven baked.
  - C. **PLASTIC PARTS:** Color of plastic shall be selected from manufacturers standard color range.
  - D. **HARDWARE:** All assembly hardware shall be rust resistant, black plated.

## SPECIFICATIONS

### PART 3: PERFORMANCE REQUIREMENTS

#### 3.01 Test 1 Vertical Drop Impact Test to Seat:

Test Sample: Three Unit Seat and Back Auditorium Chair.

Test Description: This test consists of repeated impacts of a forty-pound 10 inch diameter sand bag dropped on the seat at an approximate rate of 20 impacts per minute. The center of impact is to be at the center of the seat. The chair tested shall be the middle chair of a three chair assembly.

Tolerances: Bag weight plus or minus one pound.  
Bag diameter plus or minus one inch.

Test Criteria: The bag shall be dropped as follows:

25,000 times from a height of 6"  
25,000 times from a height of 8"  
25,000 times from a height of 10"  
25,000 times from a height of 12"

Acceptance Criteria: Measurements of the seat height are to be taken at the completion of the first 100 impacts and then at the completion of the test. The height of the seat measured at the front edge shall not drop more than  $\frac{3}{4}$ ". There shall be no loosening of the floor fastenings or of the pivots which retain the seat to standards. The seat must be able to return to normal fold position.

#### 3.02 Test 2 Swinging Impact Test:

Test Sample: Use the same three-chair assembly as previously used for the vertical drop impact tests except for the following changes: Rearrange the setup so that the two (outside) outer standards become the middle standards, one outer seat and back shall comprise the middle chair. The previously tested middle chair parts are to be used for the outer (right and/or left) chairs.

Test Description: This test consists of repeated impacts to the chairs back of two 40-pound, 10" diameter sand bags. The bags mounted at 13" centers are to be pivotally hung from a horizontally reciprocating actuating bar cycling at approximately 35 strokes per minute. The sand bags are to be filled with dry sand and hung with the bottom of the bag 32" below the pivot suspension point and 10" below the top of the chair back. The chair back is to be centered between the bags when the bags are in the center of the stroke.

Tolerances: Bag weight plus or minus one pound.  
Bag diameter plus or minus one inch.

Test Criteria: The number of impacts and the horizontal stroke of the actuating bar shall be as follows:

30,000 impacts (cycles) through a distance of 4-3/4"  
20,000 impacts (cycles) through a distance of 6"  
10,000 impacts (cycles) through a distance of 8"

Acceptance Criteria: At the completion of the test, the middle standards shall have demonstrated sufficient strength and durability to withstand the test without



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failure or irregularities that would impair the unit's usefulness. Also, no visible evidence of failure or irregularities shall have occurred in the seat or back of the unit.

### 3.03 Test 3 Static Load Test to Seat:

Test Sample: A single floor mounted chair unit.

Description: A vertical static load is to be applied to the top of the seat with the center of the load approximately 3" from the front edge and equal distance from the sides. A beam (2" x 4") is to be used to distribute the load transversely across the seat.

Test Criteria: The test load of 600 pounds is to be applied at the rate of approximately 2" per minute.

Acceptance Criteria: Chair must withstand a minimum load of 600 pounds with a permanent distortion not to exceed 5/8". Deflections and permanent distortions are to be measured at the front center edge of the seat.

### 3.04 Test 4 Self-Lifting Seat Oscillating Test:

Test Description: The seat shall be lowered mechanically against the down stop, and then released at a rate of 20 times per minute by means of 2 hard rubber rollers attached dually to the end of an actuating bar. The rollers shall be 4" in diameter and contact the center of the seat approximately 5" to 5-1/2" from the rear edge. The mechanism shall allow the seat to cycle freely through its full operation.

Test Criteria: 300,000 Cycles

Acceptance Criteria: At the completion of the test the seat will have demonstrated sufficient strength and durability to withstand this test without any appreciable loss of the seat's self-rising action or excessive loosening of components.

## PART 4: CONSTRUCTION DETAILS

### 4.01 CHAIRS

#### A. STANDARDS:

The standards shall be pedestal design made by a rectangular tubular, 1" x 3" of 18 gauge steel with a 14 gauge steel foot. A reinforced 1/4" bracket for seat pan attachment shall be integrated into the standard which has an inlay at mid-point for resistance upon force. The seat pan shall be anchored to the standard by use of a hexagon 5/16" fusion nut and a hexagon bolt of 5/16" x 3/4". A lug support for attachment of the back shall be made of 14 gauge sheet metal. Welded to the top of the column shall be a 14 gauge plate for armrest attachment. The standard shall each be attached to the concrete floor by two 1/4" x 2" expansion bolts set in holes drilled to a depth of not less than 1-1/4".

## SPECIFICATIONS

### B. AISLE STANDARDS:

The aisle standards shall be oval, tapered, semi-tapered or arrow-shaped in design and in the same manner as the center standards with a decorator panel finished with laminated plastic. End panels to be furnished pursuant to the plan of seating.

### C. SEAT AND HINGE:

The seat shall be manufactured of injection molded, high density polypropylene plastic with ultra violet inhibitors to impede fading. Housed within the underside of the seat assembly shall be a dual spring loaded mechanism and steel support structure in order to return the seat to a uniform  $\frac{3}{4}$  fold position in a quiet manner. A plastic formed rod for seat rotation is used to eliminate noise. Anatomically and ergonomically correct design is used for patron comfort.

### D. BACK:

The back shall be manufactured of injection molded, high density polypropylene plastic with ultra violet inhibitors to impede fading. Two steel supports of 14 gauge steel are used to attach the back to the main structure of the chair. These supports shall have provision for 20 degree back pitch. Chair widths shall be 19 and 20 inches.

### E. ARMRESTS:

The armrests shall be of solid hardwood, stained to a finish, injection molded plastic or surfaced with laminate as selected by the architect. They are designed to have a perfect fit with the standards of the chair, which have an exuberance in the lower section, perfectly distributed to hold four lag screws of cold-rolled galvanized steel  $\frac{1}{8}$ " x  $\frac{19}{32}$ ". The armrest for the center standards shall be substantially similar in size to the aisle standard armrests.

### F. ACCESSORIES:

See Accessories information for inclusion of:

- Number and letter plates
- Aisle lights
- Donor plates
- Tablet arms
- Movable metal bases (with or without wheels)

### G. SPARE PARTS:

Provide a quantity of seat and back component parts equal to approximately two percent of the total amount installed distributed in varying sizes.

### H. AMERICANS WITH DISABILITIES ACT (ADA):

Wheelchair Areas: Should be an integral part of any fixed seating plan and be dispersed throughout the seating area. No longer should wheelchair spacing be limited to the rear of the auditorium or theatre but should be situated at the front or in other locations in compliance with the Act. Wheelchair areas should still adjoin an accessible route that also serves as a means of egress in case of an

## SPECIFICATIONS

emergency and should still be located in an area that provides lines of sight comparable to those of all other viewing areas.

**Semi ambulant Individuals:** In addition to spaces provided for wheelchair users as noted, there shall be provided seating for semi ambulant individuals. The number of such seating shall be equal to at least one percent of the total seating and shall be no fewer than two or as predicated by local or state ordinances. Such seats shall provide at least 24 inches clear leg space between the front of the seat to the nearest obstruction or to the back of the seat immediately in front.

### PART 5: EXECUTION

- 5.01        **SCOPE OF WORK:** The installation is to be performed by the successful bidder, under the direction of a capable superintendent, in a manner satisfactory to the Architect, and the job turned over to the owner with all chairs complete and ready to use.
- 5.02        **METHOD OF INSTALLATION:** The seating plan is to be reproduced on the floor and/or risers, all dimensions checked against the plan and necessary adjustments made in the layout for all discrepancies. Cover all product for backs and seats in clear plastic bags in order to protect the product prior to use.
- 5.03        **CLEANING:** Remove all debris caused by this work from the premises.

### END OF SECTION

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SPECIFICATIONS

**BA 205 PERFORMER BY SEATING CONCEPTS**

**AUDITORIUM SEATING**

SPECIFICATIONS:

PART 1: GENERAL

- 1.01           SCOPE: Deliver and install fixed chairs, Seating Concepts, LLC Model BA 205 PERFORMER upholstered seats and upholstered backs and aisle and center standards, all as specified, floor or riser mounted, with self-lifting seat which raises automatically to a uniform 3/4 fold position.
- 1.02           EXAMINATION & ACCEPTANCE OF WORK IN PLACE: Examine work in place on which seating work is dependent. Defects which may influence satisfactory completion and performance of seating work shall be corrected in accordance with the requirements of the applicable section of work prior to commencement of seating work.
- 1.03           FIELD MEASUREMENTS: Take field measurements to verify or supplement dimensions indicated. Be responsible for accurate fit of work.
- 1.04           SHOP DRAWINGS: Submit a complete seating plan developed from the contract drawings, showing all chairs, sizes, and aisle widths. Assume complete responsibility for the accuracy of all chair measurements shown on the seating plan.
- 1.05           SIZES: Varying lateral sizes of backs shall be used in accordance with approved seating plans, with standards in each row spaced laterally so that the end standards shall be in alignment from first to last row whether aisles are of constant or converging width.
- 1.06           RESPONSIBILITY OF BIDDER: The bidder must provide the following with his bid:
- Certain reasonable and relevant performance tests are incorporated as part of this specification. The bidder shall submit, as part of his bid, certified copies of test reports by a recognized independent test laboratory establishing conformance to the performance tests. Failure to supply these test reports shall result in disqualification of the bidder.
- 1.07           DELIVERY: Deliver the seating at a proper time for installation that will not interfere with other trades operating in the building. Bid seating for installation and completion as specified.
- 1.08           MATERIALS AND WORKMANSHIP:
- A. Provide new materials of types specified.
- B. Turn over all work to the owner in undamaged condition.
- C. Provide workmanship of the best quality by craftsmen skilled in their respective trades.

## SPECIFICATIONS

### 1.09 WARRANTY:

- A. Provide a manufacturer's warranty covering the material and workmanship for a period of five years from the date of final acceptance.
- B. Repair or replace any part which becomes defective during the warranty period, excepting where the product has been subject to accident, alterations, abuse, misuse or neglect.

### PART 2: MATERIAL SPECIFICATIONS

2.01 STEEL: All steel shall have smooth surfaces and be of sufficient gauge thickness and designed to withstand strains of normal use and abuse.

2.02 PADDING MATERIAL: Seat and back padding material shall be of cold molded polyurethane foam. Padding material shall comply with the flammability requirements outlined in California Technical Information Bulletin #117, Resilient Cellular Materials, Section A & D, dated March 2002, when tested in accordance with Federal Test Method Standard 191, Method 5903.2.

2.03 WOOD: Plywood, exposed or concealed, shall be hard wood. All plywood shall be hot press laminated using high frequency process. Interior plies shall be Class 3 or better. Exposed exterior plies shall be Class 1. Particle core shall be 55 pound density.

2.04 PLASTIC: Plastic shall be injection molded, high density polyethylene with ultra-violet light inhibitors to retard fading. Plastic shall have a burn rate of 1" per minute when tested in accordance with ASTM D635 or the Department of Transportation of Motor Vehicle Safety Standard No. 302.

2.05 PLASTIC LAMINATE: Plastic laminate shall be composed of a core of kraft papers impregnated with phenolic resins, a decorative surface sheet, and overlay sheet containing melamine. Layers are fused together under pressures in excess of 1000 PSI, and temperatures over 275 degrees. Plastic laminate shall meet or exceed performance standard as established by N.E.M.A.

Thickness: Horizontal Surfaces	.050
Vertical Surfaces	.030

### 2.06 FINISH:

A. METAL PARTS: Prior to the application of epoxy powder finish, all metal parts shall be cleaned by use of a three step process consisting of an iron phosphate, hot water rinse and a chromic acid rinse. All metal parts, both exposed and non-exposed, shall be coated with an epoxy powder which shall be electrostatically applied. All metal shall have a Minimum Dry Film Thickness of at least two millimeters and shall pass the 2H hardness test. All coated metal parts shall be oven baked at not less than 360 degrees.

B. WOOD PARTS: All exposed surfaces shall be stained to color selected and coated with lacquer of sufficient film depth to afford wear resistance of institutional quality and oven baked.

C. PLASTIC PARTS: Color of plastic shall be selected from manufacturers standard color range.

## SPECIFICATIONS

D. **HARDWARE:** All assembly hardware shall be rust resistant, black plated.

E. Fabric and color shall be selected from manufacturer's standard fabric selection.

### PART 3: PERFORMANCE REQUIREMENTS

3.01 Seating shall be designed and manufactured in compliance with the intent of ANSI/BIFMA X5.4-1990. Seating shall exceed all applicable BIFMA performance test criteria.

### PART 4: CONSTRUCTION DETAILS

#### 4.01 CHAIRS

##### A. STANDARDS:

Standards shall be pedestal design made with a rectangular tube with 18 gauge steel 1" x 3". The tube shall be attached by a concealed weld to a 3-1/4" x 8" 14 gauge deep formed steel foot. The foot shall have four holes for attachment of the standard to a concrete floor with lead shielded expansion bolts. Three bolts shall be used for attachment of the rocker and two bolts shall be used for attachment of the stationary chair or lounge chair and four screws shall be used to attach to a wood floor surface (see wood floor surface thickness requirements). A reinforced 1/4" bracket for seat pan attachment shall be integrated into the standard which has an inlay at mid point for resistance upon force. The seat pan shall be anchored to the standard by use of a hexagon 5/16" fusion nut and a hexagon bolt of 5/16" x 3/4" through a threaded insert on the seat bracket. A lug support for attachment of the back shall be made of 14 gauge sheet metal. Welded to the top of the column shall be a 14 gauge plate for armrest attachment. The standard foot shall be 1" x 3" steel, 1/4" thick.

##### B. AISLE STANDARDS:

The aisle standards shall be oval, fabricated in the same manner as the center standards with a required formed frame of 20 gauge steel welded to the column to accept a decorator panel finished with laminated plastic, upholstery or with the finish to be selected by architect. End panels to be furnished pursuant to the plan of seating.

##### C. SEAT CUSHION AND SEAT PAN WITH HINGE:

Seat cushion shall be of arch-spring type. The seat cushion frame shall be of one piece reinforced injection molded polypropylene. Serpentine springs of normalized steel of 10 gauge, painted in epoxy paint to prevent corrosion, shall span the frame and be secured to the injection molded frame so as to eliminate noise. The spring assembly shall be covered by a tough and durable inter-liner to provide a chafing barrier to protect the cold molded polyurethane seat cushion. The seat cushion shall be cold molded to the contour of the springs to provide a raised outer edge so that the overall seat foam is contoured for exceptional body support in the hip area. The foam shall have a density of 3.4 +/- point two. The seat frame shall have two steel bars that span the width of the cushion and which provide additional strength and support. The seat frame shall rotate on one 1/2" diameter cold rolled steel hinge rod securely attached to the seat frame. The additional hollow steel tube is attached to the rear of the frame for additional

## SPECIFICATIONS

strength, support and stability. The specified fabric, carefully tailored, shall be of panel side construction and manufactured as a slip cover with a zipper. The slip cover fits over the entire assembly in order to allow ease in replacement.

The self lifting mechanism shall be a counter balance system integrated within the seat frame and which utilizes a weight inserted into the interior of the seat frame which allows the seat pan to return to a 75 or 90 degree vertical position by means of gravity. There shall be two ½" square tube stops, two counter-stops and two 1" cold rolled steel bushings, all reinforced.

The seat frame and return mechanism shall be enclosed with a (select one of the following):

- steel cover with decorative embossment surfaced with powder paint
- injection molded plastic seat cover colored to standard color
- laminate surfaced over ply wood seat cover
- veneer surfaced over ply wood seat cover
- fully upholstered seat cover

and attaches to the frame without screws or other exposed fasteners but which can be removed with the use of a specially supplied tool. The rear of the seat pan shall be vented to allow the foam to breathe.

### D. BACK:

The seat back shall be padded with a cold molded polyurethane foam of 2" thickness at the top increasing to 4" at the bottom of the back and designed for lumbar support. The foam shall be cemented to 5 ply wood base with four ¼" threaded inserts for the attachment of two die formed metal supports (back wings), 14 gauge, with four cold-rolled galvanized flat head steel screws ¼" by ¾". This shall be mounted onto an injection molded plastic outer back. The outer back shall be surfaced with laminate or veneer. All attachment screws shall be fully concealed. Back wings shall have provision for 16 degree, 20 degree or 24 degree pitch. Overall height of the chair from floor to top of the back is a minimum 34" as measured in the 20 degree back pitch.

### E. ARMRESTS:

The armrests shall be of solid hardwood, stained to a finish as selected by the architect, or injection molded. They are designed to have a perfect fit with the standards of the chair, which have an exuberance in the lower section, perfectly distributed to hold four lag screws of cold-rolled galvanized steel 1/8" x 19/32". The armrest for the center standards shall be substantially similar in size to the aisle standard armrests.

## SPECIFICATIONS

### F. SPARE PARTS:

Provide a quantity of seat and back component parts equal to approximately two percent of the total amount installed distributed in varying sizes.

### G. AMERICANS WITH DISABILITIES ACT (ADA):

**Wheelchair Areas:** Should be an integral part of any fixed seating plan and be dispersed throughout the seating area. No longer should wheelchair spacing be limited to the rear of the auditorium or theatre but should be situated at the front or in other locations in compliance with the Act. Wheelchair areas should still adjoin an accessible route that also serves as a means of egress in case of an emergency and should still be located in an area that provides lines of sight comparable to those of all other viewing areas.

**Semi ambulant Individuals:** In addition to spaces provided for wheelchair users as noted, there shall be provided seating for semi ambulant individuals. The number of such seating shall be equal to at least one percent of the total seating and shall be no fewer than two or as predicated by local or state ordinances. Such seats shall provide at least 24 inches clear leg space between the front of the seat to the nearest obstruction or to the back of the seat immediately in front.

## PART 5: EXECUTION

- 5.01           **SCOPE OF WORK:** The installation is to be performed by the successful bidder, under the direction of a capable superintendent, in a manner satisfactory to the Architect, and the job turned over to the owner with all chairs complete and ready to use.
- 5.02           **METHOD OF INSTALLATION:** The seating plan is to be reproduced on the floor and/or risers, all dimensions checked against the plan and necessary adjustments made in the layout for all discrepancies. Cover all product for backs and seats in clear plastic bags in order to protect the product prior to use.
- 5.03           **CLEANING:** Remove all debris caused by this work from the premises.

## END OF SECTION

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## SPECIFICATIONS

### SH-236 PALLADIUM

#### SUMMARY OF FEATURES AND BENEFITS

##### BACK

- Graduated contour back foam designed to fully support the upper and lower back as well as providing side to side support
- Lower back lumbar support
- 36" (915mm) overall height designed to obtain maximum back support
- Injection molded plastic outer back for ease in maintenance
- Simple upholstery attachment in order to facilitate re-upholstery as required for back and seat
- 5-ply wood inner panel with four metal inserts for wing attachment
- Back wings shall have provision for 20 degree, 25 degree or 30 degree pitch

##### SEAT

- Waterfall edge seat foam designed for complete support
- Cold molded foam manufactured to industry or client standards and specifications
- Torselastik self lift mechanism with quiet, gentle return.
- Vented seat pan at the back to allow air to escape from interior of seat pan and also to allow air to circulate within the pan
- Seat cover attachment is simplified for quick and easy re-upholstery and attached with draw strings
- Teflon and brass bushings at critical points to eliminate potential metal to metal contact
- Seat cushion support system shall be arch-spring type with five serpentine springs of 10 gauge steel spanning a 14 gauge steel frame with Teflon insulators so as eliminate noise

##### STANDARDS

- Rectangular tube of heavy gauge steel 1"x 2" attachment shall be integrated into the standard
- All aisle standards shall have a decorative aisle piece
- A ¼" heavy steel bracket for seat pan attachment shall be integrated into the standard
- Armrests surfaced with laminate, upholstered, or solid stained wood (oak, maple or mahogany) are securely attached to standards with four lag-screws of cold-rolled galvanized steel 1/8" x 19/31" at the factory
- Four holes for standard attachment to floor with drainage channel
- Riser standard, optional

##### GENERAL

- Limited Five-year warranty
- Electrostatic dry powder coat paint system utilized for uniform application and which also results in a harder and more durable finish
- All metal component parts are painted – exposed and concealed in order to retard moisture build-up
- Anchor bolts are provided along with assembly hardware
- 2% approximate spare parts are shipped as a standard for global distribution, based on clients' specifications

## SPECIFICATIONS

### SH-234 HORIZON

#### SUMMARY OF FEATURES AND BENEFITS

##### BACK

- Graduated contour back foam designed to fully support the upper and lower back as well as providing side to side support
- Lower back lumbar support
- 34" (864mm) overall height designed to obtain maximum back support
- Injection molded plastic outer back for ease in maintenance
- Simple upholstery attachment in order to facilitate re-upholstery as required for back and seat
- 5-ply wood inner panel with four metal inserts for wing attachment
- Back wings shall have provision for 20 degree, 25 degree or 30 degree pitch

##### SEAT

- Waterfall edge seat foam designed for complete support
- Cold molded foam manufactured to industry or client standards and specifications
- Torselastik self lift mechanism with quiet, gentle return.
- Vented seat pan at the back to allow air to escape from interior of seat pan and also to allow air to circulate within the pan
- Seat cover attachment is simplified for quick and easy re-upholstery and attached with draw strings
- Teflon and brass bushings at critical points to eliminate potential metal to metal contact
- Seat cushion support system shall be arch-spring type with five serpentine springs of 10 gauge steel spanning a 14 gauge steel frame with Teflon insulators so as eliminate noise

##### STANDARDS

- Rectangular tube of heavy gauge steel 1"x 2" attachment shall be integrated into the standard
- All aisle standards shall have a decorative aisle piece
- A ¼" heavy steel bracket for seat pan attachment shall be integrated into the standard
- Armrests surfaced with laminate, upholstered, or solid stained wood (oak, maple or mahogany) are securely attached to standards with four lag-screws of cold-rolled galvanized steel 1/8" x 19/31" at the factory
- Four holes for standard attachment to floor with drainage channel
- Riser standard, optional

##### GENERAL

- Limited Five-year warranty
- Electrostatic dry powder coat paint system utilized for uniform application and which also results in a harder and more durable finish
- All metal component parts are painted – exposed and concealed in order to retard moisture build-up
- Anchor bolts are provided along with assembly hardware
- 2% approximate spare parts are shipped as a standard for global distribution, based on clients' specifications

SPECIFICATIONS

**SECTION 12610 – FIXED AUDITORIUM SEATING**

**CHAIR MODEL: PAC – PL-Lincoln, PS-Salem, PH-Hayes, PW-Williams**

SPECIFICATIONS:

PART 1: GENERAL

- 1.01           SCOPE: Deliver and install fixed chairs, Seating Concepts, LLC Model PAC – PS-Salem, PL-Lincoln, PW-Williams, PH-Hayes, with upholstered seats and upholstered backs and aisle and center standards, all as specified, floor or riser mounted, with self-lifting seat which raises automatically to a uniform 3/4 fold position.
- 1.02           EXAMINATION & ACCEPTANCE OF WORK IN PLACE: Examine work in place on which seating work is dependent. Defects which may influence satisfactory completion and performance of seating work shall be corrected in accordance with the requirements of the applicable section of work prior to commencement of seating work.
- 1.03           FIELD MEASUREMENTS: Take field measurements to verify or supplement dimensions indicated. Be responsible for accurate fit of work.
- 1.04           SHOP DRAWINGS: Submit a complete seating plan developed from the contract drawings, showing all chairs, sizes, and aisle widths. Assume complete responsibility for the accuracy of all chair measurements shown on the seating plan.
- 1.05           SIZES: Varying lateral sizes of backs shall be used in accordance with approved seating plans, with standards in each row spaced laterally so that the end standards shall be in alignment from first to last row whether aisles are of constant or converging width.
- 1.06           RESPONSIBILITY OF BIDDER: The bidder must provide the following with his bid:
- Certain reasonable and relevant performance tests are incorporated as part of this specification. The bidder shall submit, as part of his bid, certified copies of test reports by a recognized independent test laboratory establishing conformance to the performance tests. Failure to supply these test reports shall result in disqualification of the bidder.
- 1.07           DELIVERY: Deliver the seating at a proper time for installation that will not interfere with other trades operating in the building. Bid seating for installation and completion as specified.
- 1.08           MATERIALS AND WORKMANSHIP:
- A. Provide new materials of types specified.
- B. Turn over all work to the owner in undamaged condition.
- C. Provide workmanship of the best quality by craftsmen skilled in their respective trades.
- 1.09           WARRANTY:
- A. Provide a manufacturer's warranty covering the material and workmanship for a period of five years from the date of final acceptance.
- B. Repair or replace any part which becomes defective during the warranty period, excepting where the product has been subject to accident, alterations, abuse, misuse or neglect.

## SPECIFICATIONS

- C. Provide a manufacture's warranty covering the gravity lift seat return for the period of lifetime from the date of final acceptance.

### PART 2: MATERIAL SPECIFICATIONS

- 2.01 **STEEL:** All steel shall have smooth surfaces and be of sufficient gauge thickness and designed to withstand strains of normal use and abuse.
- 2.02 **PADDING MATERIAL:** Seat and back padding material shall be of cut foam open cell/cut ro cold molded polyurethane foam (depending on model). Padding material shall comply with the flammability requirements outlined in California Technical Information Bulletin #117, Resilient Cellular Materials, Section A & D, dated March 2002, when tested in accordance with Federal Test Method Standard 191, Method 5903.2.
- 2.03 **WOOD:** Plywood, exposed or concealed, shall be hard wood. All plywood shall be hot press laminated using high frequency process. Interior plys shall be Class 3 or better. Exposed exterior plys shall be Class 1. Particle core shall be 55 pound density.
- 2.04 **PLASTIC:** Plastic shall be injection molded, high density polypropylene with ultra-violet light inhibitors to retard fading. Plastic shall have a burn rate of 1" per minute when tested in accordance with ASTM D635 or the Department of Transportation of Motor Vehicle Safety Standard No. 302.
- 2.05 **PLASTIC LAMINATE:** Plastic laminate shall be composed of a core of kraft papers impregnated with phenolic resins, a decorative surface sheet, and overlay sheet containing melamine. Layers are fused together under pressures in excess of 1000 PSI, and temperatures over 275 degrees. Plastic laminate shall meet or exceed performance standard as established by N.E.M.A.
- |                                |             |
|--------------------------------|-------------|
| Thickness: Horizontal Surfaces | .050 inches |
| Vertical Surfaces              | .030 inches |
- 2.06 **FINISH:**
- A. **METAL PARTS:** Prior to the application of epoxy powder finish, all metal parts shall be cleaned by use of a three step process consisting of an iron phosphate, hot water rinse and a chromic acid rinse. All metal parts, both exposed and non-exposed, shall be coated with an epoxy powder which shall be electrostatically applied. All metal shall have a Minimum Dry Film Thickness of at least two millimeters and shall pass the 2H hardness test. All coated metal parts shall be oven baked at not less than 360 degrees.
- B. **WOOD PARTS:** All exposed surfaces shall be stained to color selected and coated with lacquer of sufficient film depth to afford wear resistance of institutional quality and oven baked.
- C. **PLASTIC PARTS:** Color of plastic shall be selected from manufacturers standard color range.
- D. **HARDWARE:** All assembly hardware shall be rust resistant, black plated.
- E. Fabric and color shall be selected from manufacturer's standard fabric selection.

### PART 3: PERFORMANCE REQUIREMENTS

Select one of the two options:

## SPECIFICATIONS

3.01 Seating shall be designed and manufactured in compliance with the intent of ANSI/BIFMA X5.4-1990. Seating shall exceed all applicable BIFMA performance test criteria.

or

3.01 Test 1 - Vertical Drop Impact Test to Seat:

Test Sample: Three Unit Upholstered Seat and Back Auditorium Chair.

Test Description: This test consists of repeated impacts of a forty-pound 10 inch diameter sand bag dropped on the seat at an approximate rate of 20 impacts per minute. The center of impact is to be at the center of the seat. The chair tested shall be the middle chair of a three chair assembly.

Tolerances: Bag weight plus or minus one pound.  
Bag diameter plus or minus one inch.

Test Criteria: The bag shall be dropped as follows:

25,000 times from a height of 6"  
25,000 times from a height of 8"  
25,000 times from a height of 10"  
25,000 times from a height of 12"

Acceptance Criteria: Measurements of the seat height are to be taken at the completion of the first 100 impacts and then at the completion of the test. The height of the seat measured at the front edge shall not drop more than  $\frac{3}{4}$ ". There shall be no loosening of the floor fastenings or of the pivots which retain the seat to standards. The seat must be able to return to normal fold position.

3.02 Test 2 - Swinging Impact Test:

Test Sample: Use the same three-chair assembly as previously used for the vertical drop impact tests except for the following changes: Rearrange the setup so that the two (outside) outer standards become the middle standards, one outer seat and back shall comprise the middle chair. The previously tested middle chair parts are to be used for the outer (right and/or left) chairs.

Test Description: This test consists of repeated impacts to the chair's back of two 40-pound, 10" diameter sand bags. The bags mounted at 13" centers are to be pivotally hung from a horizontally reciprocating actuating bar cycling at approximately 35 strokes per minute. The sand bags are to be filled with dry sand and hung with the bottom of the bag 32" below the pivot suspension point and 10" below the top of the chair back. The chair back is to be centered between the bags when the bags are in the center of the stroke.

Tolerances: Bag weight plus or minus one pound.  
Bag diameter plus or minus one inch.

Test Criteria: The number of impacts and the horizontal stroke of the actuating bar shall be as follows:

30,000 impacts (cycles) through a distance of 4-3/4"  
20,000 impacts (cycles) through a distance of 6"  
10,000 impacts (cycles) through a distance of 8"

## SPECIFICATIONS

Acceptance Criteria: At the completion of the test, the middle standards shall have demonstrated sufficient strength and durability to withstand the test without failure or irregularities that would impair the unit's usefulness. Also, no visible evidence of failure or irregularities shall have occurred in the seat or back of the unit.

### 3.03 Test 3 - Static Load Test to Seat:

Test Sample: A single floor mounted chair unit.

Description: A vertical static load is to be applied to the top of the seat with the center of the load approximately 3" from the front edge and equal distance from the sides. A beam (2" x 4") is to be used to distribute the load transversely across the seat.

Test Criteria: The test load of 600 pounds is to be applied at the rate of approximately 2" per minute.

Acceptance Criteria: Chair must withstand a minimum load of 600 pounds with a permanent distortion not to exceed 5/8". Deflections and permanent distortions are to be measured at the front center edge of the seat.

### 3.04 Test 4 - Self-Lifting Seat Oscillating Test:

Test Description: The seat shall be lowered mechanically against the down stop, and then released at a rate of 20 times per minute by means of 2 hard rubber rollers attached dually to the end of an actuating bar. The rollers shall be 4" in diameter and contact the center of the seat approximately 5" to 5-1/2" from the rear edge. The mechanism shall allow the seat to cycle freely through its full operation.

Test Criteria: 300,000 Cycles

Acceptance Criteria: At the completion of the test the seat will have demonstrated sufficient strength and durability to withstand this test without any appreciable loss of the seat's self-rising action or excessive loosening of components.

## PART 4: CONSTRUCTION DETAILS

### 4.01 CHAIRS

#### A. STANDARDS:

Standards shall be pedestal design made with a rectangular tube with 16 gauge steel 1" x 3". The tube shall be attached by a concealed weld to a 3-1/4" x 8" 14 gauge deep formed steel foot. The foot shall have four holes for attachment of the standard to a concrete floor with lead shielded expansion bolts. Two bolts shall be used for attachment of the fixed chair or lounge chair and four screws shall be used to attach to a wood floor surface (see wood floor surface thickness requirements). A reinforced 1/4" steel bracket for seat pan attachment shall be integrated into the standard which has an inlay at mid point for resistance upon force. The seat pan shall be anchored to the standard by use of a hexagon 5/16" fusion nut and a hexagon bolt of 5/16" x 3/4" through a threaded insert on the steel seat bracket. A lug support for attachment of the back shall be made of 14 gauge sheet metal. Welded to the top of the column shall be a 16 gauge plate for armrest attachment.

#### B. AISLE STANDARDS:

## SPECIFICATIONS

The aisle standards shall be fabricated in the same manner as the center standards to accept a decorator panel finished with veneer, laminate, upholstery or with the finish to be selected by architect. End panels to be furnished pursuant to the plan of seating.

### C. RISER STANDARDS:

Riser mounted standards shall take into account the curvature of the riser. The standards shall be a rectangular tube, 1" x 3" with a break to ensure that the seat height is 17 1/2" from the floor. A 4" x 4" steel plate shall be continuously welded to the tube for attachment to the riser. The riser height must be at least 8" high and 90 degrees, plus or minus 1/8". Four expansion bolts are required to attach the standard to the surface.

### D. SEAT CUSHION AND SEAT PAN WITH HINGE:

PS-Salem, PL-Lincoln, PH-Hayes: Seat cushion shall be of arch-spring type. The seat cushion frame shall be of one piece reinforced injection molded polypropylene. Serpentine springs of normalized steel of 10 gauge, painted in epoxy paint to prevent corrosion, shall span the frame and be secured to the injection molded frame so as to eliminate noise. The spring assembly shall be covered by a tough and durable inter-liner to provide a chafing barrier to protect the cold molded polyurethane seat cushion. The seat cushion shall be cold molded to the contour of the springs to provide raised outer edge so that the overall seat foam is contoured for exceptional body support in the hip area. The foam shall have a density of 3.4 +/- point two. The seat frame shall have two steel bars that span the width of the cushion and which provide additional strength and support. The seat frame shall rotate on one 14 gauge 7/8" diameter cold rolled steel hinge rod securely attached to the seat frame. The additional hollow steel tube is attached to the rear of the frame for additional strength, support and stability. The steel flanges for attachment to the standards are made of 7 gauge steel. Stops that limit rotation are stamped-died from 9 gauge steel and are filled with high impact resistance neoprene rubber. High resistant nylon bushings are used at the pivot points to prevent metal to metal contact. The specified fabric, carefully tailored, shall be of panel side construction and manufactured as a slip cover with a draw string application. The slip cover fits over the entire assembly in order to allow ease in replacement.

The self lifting mechanism shall be a counter balance system integrated within the seat frame and which utilizes a weight inserted into the interior of the seat frame which allows the seat pan to return to a 75 or 90 degree vertical position by means of gravity. There shall be two 1/2" square tube stops, two counter-stops and two 1" cold rolled steel bushings, all reinforced.

The seat frame and return mechanism shall be enclosed with a wood veneer/laminate surfaced over ply wood cover, injection molded polypropylene/metal cover with a decorative embossment and attaches to the frame without screws or other fasteners but which can be removed with the use of a specially supplied tool. The rear of the seat pan shall be vented to allow the foam to breathe.

PW-Williams - Seat cushion shall be open cell/cut foam. The foam shall have a density of 3.4 +/- point two. The foam shall have a waterfall front edge in order to provide a gentle support contoured to the body and shall conform to the curvature of the seat bottom for aesthetics and comfort. The foam shall be cemented to a 5 ply wood base with four 1/4" threaded inserts for the attachment of two die formed metal supports (seat brackets), with four cold-rolled galvanized flat head steel screws 1/4" by 3/4". The seat bottom shall be surfaced with laminate or veneer. All attachment screws shall be fully concealed.

## SPECIFICATIONS

The seat return shall be a dual spring assisted return fully enclosed within the metal frame of the seat attachment which allows the seat pan to return to a 75 or 90 degree vertical position. There shall be two 1/2" square tube stops, two counter-stops and two cold rolled steel bushings, all reinforced.

### E. BACK:

Chair back shall be padded with open cell/cut foam of 2" thickness. The foam shall be cemented to 5 ply 7/16" plywood base with four 1/4" threaded inserts for the attachment of two die formed metal supports (back wings), 14 gauge, with four cold-rolled galvanized flat head steel screws 1/4" by 3/4". The outer back shall be surfaced with veneer or laminate. All attachment screws shall be fully concealed. Back wings shall have provision for 16 degree, 20 degree or 24 degree pitch. Overall height of the chair from floor to top of the back is a minimum 34" as measured in the 20 degree back pitch. PL-Lincoln back has a curved finish with radius corners. PS-Salem is similar to the Lincoln back style but has a wood reveal around the front side of the upholstery. PW-Williams also similar to the Lincoln back style but with a wood reveal on top side of the upholstery. PH-Hayes has a straight finish with concave radius corners.

### F. ARMRESTS:

The armrests shall be of solid hardwood, stained to a finish, all as specified or surfaced with laminate as selected by the architect, injection molded or upholstered. They are designed to have a perfect fit with the standards of the chair, which have an exuberance in the lower section, perfectly distributed to hold four lag screws of cold-rolled galvanized steel 1/8" x 19/32". The armrest for the center standards shall be substantially similar in size to the aisle standard armrests.

### ACCESSORIES:

See Accessories information for inclusion of:

- Number and letter plates (Manufacturer Standard Rectangular Size: 11/16" X 1 5/8", Brass or Silver)
- Swing away ADA aisle standard
- Aisle lights (concealed or external mounted, incandescent or LED)
- Donor plates (Manufacturer Standard Rectangular Size: 1" X 3", Brass)
- Tablet arms (standard, oversize and graduate)
- Book racks and holders
- Cupholders
- Movable metal bases ("shoes & stretchers")
- Perforated seat pan

### H. SPARE PARTS:

Provide a quantity of seat and back component parts equal to approximately two percent of the total amount installed distributed in varying sizes.

### I. AMERICANS WITH DISABILITIES ACT (ADA):

Wheelchair Areas: Should be an integral part of any fixed seating plan and be dispersed throughout the seating area. No longer should wheelchair spacing be limited to the rear of the auditorium or theatre but should be situation at the front or in other locations in compliance with the Act. Wheelchair areas should still adjoin an accessible route that



## SPECIFICATIONS

also serves as a means of egress in case of an emergency and should still be located in an area that provides lines of sight comparable to those of all other viewing areas.

**Semi ambulant Individuals:** In addition to spaces provided for wheelchair users as noted, there shall be provided seating for semi ambulant individuals. The number of such seating shall be equal to at least one percent of the total seating and shall be no fewer than two or as predicated by local or state ordinances. Such seats shall provide at least 24 inches clear leg space between the front of the seat to the nearest obstruction or to the back of the seat immediately in front.

### PART 5: EXECUTION

- 5.01           **SCOPE OF WORK:** The installation is to be performed by the successful bidder, under the direction of a capable superintendent, in a manner satisfactory to the Architect, and the job turned over to the owner with all chairs complete and ready to use.
- 5.02           **METHOD OF INSTALLATION:** The seating plan is to be reproduced on the floor and/or risers, all dimensions checked against the plan and necessary adjustments made in the layout for all discrepancies. Cover all product for backs and seats in clear plastic bags in order to protect the product prior to use.
- 5.03           **CLEANING:** Remove all debris caused by this work from the premises.

### END OF SECTION

Seating Concepts, LLC Copyright 2010 – PAC – PL-Lincoln, PS-Salem, PH-Hayes, PW-Williams

**1 .1. Model 47129 Pool Blanket – Therma King Pool Cover**

Made of a 5 layer system to insulate and protect. The heavy duty material is UV protected and engineered to provide the most efficient energy saving system for your pool. Blanket is reversible, superior strength edging made with PVC coated tarpaulin, extruded black vinyl incorporated into edging for weight, and water vent holes. Panels come with model 208200 loop ties which are HD, UV inhibited for attaching panels to a storage reel system. Color Blue

**1 .2. Model - 50120 Bitterroot I** Made of electropolished 304L stainless steel, portable design with 6" diam. Never-mar polyethylene wheels with (2) foot-operated brakes. Accommodates a maximum blanket width of 20'. Storage capacity of 164 LF. Total Weight capacity of 643 lbs.

**1 .3. Model - 50150 Bitterroot II** Made of electropolished 304L stainless steel, portable design with 6" diam. Never-mar polyethylene wheels with (2) foot-operated brakes. Accommodates a maximum blanket width of 20'. Storage capacity of 328 LF. Total Weight capacity of 1,102 lbs.

**1 .4. Model - 50180 Bitterroot III** Made of electropolished 304L stainless steel, portable design with 6" diam. Never-mar polyethylene wheels with (2) foot-operated brakes. Accommodates a maximum blanket width of 20'. Storage capacity of 492 LF. Total Weight capacity of 1,562 lbs.

**1 .5. Model - 50190 Single Winder Cover for Bitterroot I.** UV Rated Polyethylene Material. Color Blue.

**1 .6. Model - 50195 Double/Triple Winder Cover for Bitterroot II or III.** UV Rated Polyethylene Material. Color Blue.

**1 .7. Model - 57282 Xcellerator starting Platform** Track-style starting platform. Stainless steel top covered a superior non-slip material. FINA, USA Swimming and NCAA compliant. Single or dual post anchor with patented anti-wobble, locator pinned design. 32"x24" stainless steel top covered with a non-slip surface. Side handles to enhance speed and quick takeoffs. Non-slip Access step available; side step Only. Backstroke handles with versatile 18"H bar. Stainless Steel Frame. Custom Colors and Logos available.

**1 .8. Model - 57283 Record Breaker – Single Post Design.** FINA, USA Swimming and NCAA compliant. Single or dual post anchor with patented anti-wobble, locator pinned design. 32"x24" stainless steel top covered with a non-slip surface. Non-slip Access step available; side or rear step. Backstroke handles with versatile 18"H bar. Stainless Steel Frame. Custom Colors and Logos available.

**1 .9. Model - 21700 Single Post Anchor.** Anti-wobble and locator pinned design. Machined bronze. Locating slot design. Stainless Steel Lid and Removal Tool.

**1 .10. Model - 21705 Anchor set tool for single post anchor.**

**1 .11. Model – 22121 Rear Model – 22123 Side Access 1M Cheyenne Dive Stand**

A. Dive Stand, One Meter Rear Cheyenne,

B. The dive stand shall be designed for use with in-ground swimming pools conforming to NSPI standards for diving portions of Class B and C swimming pools.

- a. The dive stand shall consist of the following components:
  - C. Superstructure
    - a. The superstructure shall consist of a pedestal, side guardrails, fulcrum supports, sloping access ladder, adjustable fulcrum, and hinged rear board support. The pedestal shall be a column 8" x 8" x 3/16" wall thickness. It shall be set at a 15 degree angle toward pool edge, include a 1" top plate and 1" bottom plate, and be T.I.G. welded with 3/16" reinforcing gussets.
    - b. The side guardrails shall be constructed of 1.90" x .065" wall thickness. Fulcrum support tubes shall be 1.90" x .145" wall thickness, sloping access ladder is to be 1.90" x .109" wall thickness.
    - c. The adjustable fulcrum shall be operable using a single hand or foot. The axle shall be covered with a stainless steel lined rubber sleeve and be fitted with stainless steel spur gears at each end meshing onto stainless steel gear racks. All gears shall be covered and there shall be visible markings for positioning the axle.
    - d. Two hinged rear board supports shall be provided. They shall facilitate full range of motion, allowing the board (by others) to be rendered inoperable when not in use.
  - D. Steps
    - a. Three (3) 15-degree step treads shall be provided. They shall be 26" wide, have an integral non-slip top surface, and shall be injection molded using U.V. stabilized ABS plastic.
    - b. Anchor Assembly
    - c. The dive stand shall be supported by one (1) 16" x 16" 300 series stainless steel pedestal cage anchor and two (2) heavy-duty 4" bronze anchors.
    - d. All metallic components of the dive stand shall be fabricated of 300 series stainless steel.
  - E. Warranty
    - a. Two year limited warranty.
- 1.12. Dive Stands
- A. The Cheyenne meets all competitive diving regulations and is designed for use with in-ground swimming pools. Fabricated from 304L stainless steel with an exclusive passivation process to ensure maximum corrosion resistance. Ladders are included.
    - a. Conforms to NSPI standards for diving portion of class B and C swimming pools
    - b. Rear or side access available
    - c. Accepts all manufactures diving boards in lengths of 10' to 16'
    - d. 26" sloping treads with integral non-slip surface and UV inhibitors
    - e. All main support columns are flanged for ease of installation
    - f. Foot adjustable fulcrum and hinged diving board assembly included
  - B. Accessories
    - a. Model - 22140 Rear Access anchor kit
    - b. Model - 22160 Side Access anchor kit
    - c. Model - 19177 Shallow anchor for dive stand
  - C. Model - 47061 1/2, 3/4, One Meter Short Dive Stand - Rear Access or Side Access
- 1.13. Durafirm Short Stand
- A. Designed for use on concrete pedestals or platforms. Durafirm short stands have fulcrum units identical to the 1M and 3M stands and similar handrails and anchoring units. Stands use 6 Durafirm anchors. This model is supplied with double handrails on both sides.
  - B. Accessories
    - a. Model - 22060 Durafirm Short Stand - Rails Both Sides
    - b. Model - 22090 Durafirm Short Stand - No Rails
    - c. Model - 22100 Deck Anchors (Set of 6)

## 1.14. Durafirm one meter stand

- A. One-meter Durafirm stand is supplied with top and intermediate handrails on both sides and is available in five different heights.
  - a. Model – 22030 Durafirm 1M Stand – Rails Both Sides
  - b. Model – 22020 Durafirm 1M Anchor Set (Set of 8)
  
- B. The tree-meter diving stand consists of heavy aluminum casting with roller and tracks that re anodized, heat-treated, extruded aluminum. The design of the ladder puts support directly under the mounting location of the diving board to further enhance stability. The ladder features built-in handrails which provide a comfortable grip and wide steps with a replaceable slip-resistant slotted tread that matches the Duraflex diving board. Applicable to new or existing decks.
  - a. Model – 22010 Durafirm 3M Stand – Rails Both Sides
  - b. Model – 22020 Durafirm 3M Anchor Set (Set of 8)
  
- C. Commercial Fiberglass Diving Board
  - a. This heavy duty, commercial diving board features a solid horizontally laminated wood core completely encased in fiberglass. Each board has a slip-resistant top tread and is tapered for superior performance, stainless steel hardware kit included.
  - b. Model – 22300 10' Commercial Fiberglass Dive Board
  - c. Model – 22310 12' Commercial Fiberglass Dive Board
  - d. Model – 22320 14' Commercial Fiberglass Dive Board
  - e. Model – 22330 16' Commercial Fiberglass Dive Board
  - f. Model – 22210 14' Duraflex Dive Board
  - g. Model – 22220 16' Duraflex Dive Board

## 1.15. Model – 22240 Maxiflex B 13' to 16' Dive Board

- A. This board is seen in all major competitive diving events in the world. The Max-B is slightly lighter in weight and is said to give a quicker action in the hurdle step. The double-tapered design allows the whole board to arc while flexing, giving it approximately 15% more lift than the standard Duraflex.

## 1.16. Anti-Wave Lane Line

- A. Designed to deflect wave motions downward through hydrodynamic propulsion for wake-free competitive swimming. Durable, injection-molded polyethylene discs with built-in UV and chemical resistors. Ships assembled and complete with an "S" hook on one end and a Supertensioner on the other. All hardware is made of stainless steel and plastic.
  - a. Model – 55810 Anti-Wave 4.75" Forerunner Lane Line 60'
  - b. Model – 55815 Anti-Wave 4.75" Forerunner Lane Line 75'
  - c. Model – 55820 Anti-Wave 4.75" Forerunner Lane Line 25M
  - d. Model – 55825 Anti-Wave 4.75" Forerunner Lane Line 50M
  - e. Model – 55835 Anti-Wave 4.75" Forerunner Lane Line 50M with 2 Disconnects
  - f. Model – 55840 Anti-Wave 4.75" Forerunner Lane Line – Custom Length by Foot
  - g. Model – 55860 Anti-Wave 6" Maximum Lane Line 60'
  - h. Model – 55855 Anti-Wave 6" Maximum Lane Line 75'
  - i. Model – 55860 Anti-Wave 6" Maximum Lane Line 25M
  - j. Model – 55865 Anti-Wave 6" Maximum Lane Line 50M
  - k. Model – 55870 Anti-Wave 6" Maximum Lane Line 50M with 1 Disconnect
  - l. Model – 55875 Anti-Wave 6" Maximum Lane Line 50M with 2 Disconnects
  - m. Model – 55880 Anti-Wave 6" Maximum Lane Line – Custom Length by Foot

- B. Competitor lane lines patented flow-through design controls water turbulence by allowing ways energy to be dispersed along the length of the lane. Consists of a series of polyethylene disks and donuts that rotate independently, allowing wave energy to be absorbed and dispersed within the channel of the lane, optimizing conditions for training and competition
- a. Model – 55020 Competitor 4" Design 60' Lane Line
  - b. Model – 55040 Competitor 4" Design 75' Lane Line
  - c. Model – 55060 Competitor 4" Design 25M Lane Line
  - d. Model – 55080 Competitor 4" Design 50M Lane Line
  - e. Model – 55100 Competitor 4" Design 25M Disc to 1 – 75' Lane
  - f. Model – 55120 Competitor 4" Design 50M Disc to 2 – 75' Lanes
  - g. Model – 55140 Competitor 4" Design 50M Disc to 1 – 75' Lane
  - h. Model – 55160 Competitor 4" Design 50M Disc to 1 – 75' Lane and 1 – 25M Lane
  - i. Model – 55170 Competitor 4" Design Custom Line (Per Foot)
  - j. Model – 55180 Hardware Kit for Custom Lines
  - k. Model – 55220 Gold Medal 6" Design 60' Lane Line
  - l. Model – 55240 Gold Medal 6" Design 75' Lane Line
  - m. Model – 55260 Gold Medal 6" Design 25M Lane Line
  - n. Model – 55280 Gold Medal 6" Design 50M Lane Line
  - o. Model – 55300 Gold Medal 6" Design 25M Disc to 1 – 75' Lane
  - p. Model – 55320 Gold Medal 6" Design 50M Disc to 2 – 75' Lanes
  - q. Model – 55340 Gold Medal 6" Design 50M Disc to 1 – 75' Lane and 1 – 25M Lane
  - r. Model – 55290 Gold Medal 6" Design Custom Line (Per Foot)

#### 1 .17. Model – 55525 Sheridan Storage Reel

- A. 304L stainless steel construction
- Passivated for maximum corrosion resistance
  - Capacity: 650' of 4" line or 375' of 6" line
  - 4" 304L stainless steel caster wheels with locking brakes
  - 5' 8 1/2" L x 3' 5" W x 4' 11 3/4" H
    - a. Model – 55552 Sheridan Reel Cover
    - b. Model – 57961 Freedom Pool Lift

#### Model – 42618 Portable Freedom Pool Lift

- A. 300lbs. lifting capacity, one watertight remote control, battery and battery charger, footrest.

#### Model – 27336 Gallatin Pool Lift

- A. Flexibility allows for use in swimming pools and spas, Minimum deck to pool bottom depth of 12", wheels for portability.

#### 1 .18. Ladders

- A. Ladders come in a variety of sizes and anchor locations including 25", 27" 30" or 36" and are equipped with deluxe treads. The 20" wide HDPE tread incorporates molded nut inserts, eliminating the need for exterior nuts and sharp surfaces and is equipped with a step reference locator. Mounting anchors and escutcheons are sold separately.
- B. Options:
- a. Model – 35129 Pool Ladder – 2 Step Standard
  - b. Model – 35131 Pool Ladder – 3 Step Standard
  - c. Model – 35133 Pool Ladder – 4 Step Standard
  - d. Model – 35135 Pool Ladder – 5 Step Standard

- e. Model – 36178 Pool Ladder – 2 Step Heavy Duty
- f. Model – 36399 Pool Ladder – 3 Step Heavy Duty
- g. Model – 36401 Pool Ladder – 4 Step Heavy Duty
- h. Model – 36403 Pool Ladder – 5 Step Heavy Duty

#### 1.19. Water Polo Goal

- A. Adjustable water polo goal meets FINA, NCAA NFSHSA and US Water Polo regulations.
  - Easy to install, remove and store with hinged mounting legs which fold flat for storage
  - Protective rubber bumpers included
  - 304L stainless steel – 316 available upon request
  - Accommodates 7", 30" or 36" setback – custom setbacks available
  - Cage supplied with UHMW fascia and reinforced black HTPP backdrop
  - Floating goals available
- a. Model – 84299 Dawson Water Polo Goal, Cage and Net
- b. Model – 84298 Rear Leg Set for 7" Setback
- c. Model – 84297 Rear Leg Set for 30" Setback
- d. Model – 84294 Rear Leg Set for 36" Setback
- e. Model – 23638 6" Bronze Anchor (2 Required Per Goal)

#### 1.20. Model – 84230 Odyssey Polo Goal

- A. The "Odyssey" floating goal has been used in pools around the world since its introduction at the 2000 Sydney Olympics.
  - Made of durable white powder-coated aluminum or stainless steel
  - Three heavy-duty hand-laid fiberglass floatation panels are located on each side and in back to provide necessary buoyancy
  - Net is made of tough polypropylene cord, knotted at every intersection
  - Easy assembly by two people in one hour
  - Conforms to all national and international specifications
  - Dimension: 152"W x 56"D x 42"H



**GYMNASIUM EQUIPMENT – INSPECTION SERVICES**

**Inspection Service Description**

**Basketball Backstops**

Includes: Inspection of attachments/anchors, all fasteners cable integrity, pulleys, height and level of rim, winch and height adjuster operation, lubricate sliding surfaces.

**Gym Divider Curtains / Batting Cages**

Includes: Inspection of all ceiling attachments, all moving parts, all fasteners, cable/belt integrity, fabric condition, winch operation and adjustment.

**Wrestling Mat Hoists**

Includes: Inspection of all ceiling attachments, all moving parts, all fasteners, pulleys, trolleys, cable and sling integrity, winch operation and adjustment.

**Bleachers - per 500 seats**

Includes: Inspection of all wall attachments, all moving parts, all fasteners, , retracting mechanism for proper operation and adjustment, lubricate sliding surfaces.

**Operable Walls**

Includes: Inspection of all ceiling attachments, all moving parts, cable/chain integrity and tension, proper movement of hinges and panels, track splices, rollers, winch operation and adjustment lubricate sliding surfaces.

**Gymnastic Equipment**

Includes: Inspection of all ceiling and wall attachments/anchors, all fasteners, safety features, and general fitness and operation.

**Average Site Visit Requirement (2 men and equipment)**

- *Inspections performed by manufacturer certified maintenance technician*
- *Lift will be required for ceiling heights over 27' at additional cost*

A detailed Inspection Report will be provided upon completion. The report will identify conditions found, actions taken and suggested corrective action. A quote will also be provided for any recommended repairs and/or product upgrades. CA. LICENSE #944687

EXPIRES 3/31/2014

SPECIFICATIONS

END OF SECTION



## SPECIFICATIONS

# Seating Concepts LLC, 250-C series, CONTOUR chair model

## ARCHITECTURAL SPECIFICATIONS

### SECTION 12610 – FIXED AUDITORIUM SEATING

#### PART 1: GENERAL

##### 1.01 Section Includes:

- A. Fixed seating for indoor theaters, auditoriums, lecture halls, stadiums, arenas, gymnasiums, churches, schools and other facilities where multiple seating is required.

##### 1.02 Related Documents:

- A. All applicable provisions of the Building and Contract Requirements, and Division 1 - General Requirements shall govern the work under this section.

##### 1.03 Description of Work:

- A. Provide all labor, materials, necessary equipment and services to complete the installation of the multiple seating, as indicated on the drawings, or as specified herein or both.

##### 1.04 Performance:

- A. All veneers used in plywood shall be well kiln dried hardwood.
- B. Molded polyurethane foam shall meet Cal TB-117 Burn Test and ASTM D3574A, ASTM D3574B1, ASTM D3574D, ASTM D3574E, ASTM D624, ASTM 3574H.

##### 1.05 Submittals:

- A. Complete Seat Plan: Submit drawings fully describing the seat plan developed from architect's prints of the building. Include details of all chairs, sizes, widths, anchorage and accessories.

##### 1.06 Quality Assurance:

- A. All component parts of the product are to be made under direct control of the manufacturer. Utilize testing and inspection procedures to assure uniform high quality component parts and finished product.

##### 1.07 Warranty:

- A. Gravity seat return mechanism: Lifetime
- B. Operating Mechanism: Five years
- C. Structural Components: Five years
- D. Plastic, wood and painted components: Five years

#### PART 2: PRODUCT

##### 2.01 Acceptable Manufacturer:

- A. Manufacturer: Seating Concepts LLC  
Product: Contour

## SPECIFICATIONS

### 2.02 Operation:

- A. The product must have two independent, fully operative pivot mechanisms for a consistent fold. Pivot mechanisms are gravity lift and may not utilize spring lift or spring assist. The mechanism will require no adjustment or lubrication. The hinge mechanisms must accommodate curved rows from a minimum radius of approximately 27ft (8m) through straight rows.
- B. Seat and back will operate together to maintain proper ergonomic angle between the seat and back as the back angle is adjusted. Seat-to-back angle will range from 95 degrees at 13-degree back angle to 101 degrees at 19-degree back angle with a tolerance of +/- 1 degree.

### 2.03 Construction:

- A. Plastic Back: The back is made of a curved upholstered inner base with wrap-around polypropylene outer back and two brackets for attaching the back to the chair standards. The back shall be mounted to achieve a nominal back heights of 34" or 36" above flat the floor. Back adjusts to three (3) back angles of 13, 16 and 19 degrees. One back width accommodate the 19¼", 20", 21", 22", 23" or 24" chairs.
  - 1. Wrap around plastic outer back is provided with a continuous return flange over the top and around the sides to provide fabric protection and add strength. The outer back is 0.10" (2.5mm) molded polypropylene plastic covering the rear, top and partially over the sides of the back and extends below the seat level to protect seat cushions. The plastic has a textured surface to provide an attractive appearance and is supplied in the manufacturer's standard colors.
  - 2. The outer back shall be attached and secured to the back components by means of non-apparent assembly method and concealed fasteners.
  - 3. Inner structural base consists of 7/16" (11mm) 5 ply thick-formed hardwood. Along the lower rear of the base there shall be four (4) steel threaded inserts for attaching the back to the back wings.
  - 4. The upholstery fabric cover is fastened to the inner panel with a draw string and/or staples for a taut sculpted fit.
  - 5. Padding consists of polyurethane foam of 2" thick on the top section and 3 ¾" on the lumbar support meeting CAL TB-117 and ASTM D3574 specifications. It shall be non-hardening. The foam shall have a density of 3.43 lb./ft<sup>3</sup> (55 kg/m<sup>3</sup>).
  - 6. Back wings to be 14-gauge steel, die cut and formed to attach to the rear of the inner panel using mating steel inserts and two threaded fasteners per back wing.
  - 7. Back attachment to standards is made using two back wings which through bolt to the standards using black finish hexagonal head screws and hexagonal nuts with smooth covers to minimize catching or snagging.
  - 8. It shall be possible to remove the back assembly from the standards without disturbing the standards.
- B. Seat: Seat sizes shall accommodate 19 ¼", 20", 21", 22", 23" and 24" chairs.
  - 1. The seat frame shall be of one piece reinforced injection molded polypropylene. 5 serpentine springs of normalized steel of 10 gauge, shall span the frame and be secured to the injection molded frame. The serpentine springs shall be coated to protect against corrosion. They should be securely mounted to the seat structure and shall not use metal to metal connection to avoid noise cause by friction.
  - 2. The spring assembly shall be covered by a tough and durable inter-liner to provide a chafing barrier to protect the cold molded polyurethane seat cushion.
  - 3. The seat cushion shall be cold molded to the contour of the springs to provide

## SPECIFICATIONS

raised outer edge so that the overall seat foam is contoured for exceptional body support in the hip area. The foam shall have a density of 3.75 lb./ft<sup>3</sup> (60 kg/m<sup>3</sup>).

4. The seat mechanism shall have two steel bars that span the width of the cushion and which provide additional strength and support. The seat frame shall rotate on one 14 gauge-7/8" (22mm) diameter cold rolled steel hinge rod securely attached to the seat frame. The additional hollow steel tube is attached to the rear of the frame for additional strength, support and stability.
  5. The steel flanges for attachment to the standards are made of 7-gauge steel. Stops that limit rotation are stamped-died from 9-gauge steel and use high impact resistance neoprene rubber to reduce noise.
  6. Seat mechanism hinges and stopper shall be completely enclosed in seat assembly to avoid any pinch point.
  7. Seat return shall be of 90% or 100% to provide clear aisle clearance.
  8. Wrap around plastic seat pan cover is provided with a vertical flange around the sides to provide fabric protection and sleek appearance. The outer panel is 0.10" molded polypropylene plastic having a textured surface to provide an attractive appearance and is supplied in the manufacturer's standard colors.
  9. The seat pan cover shall be attached and secured to the seat components by means of non-apparent assembly method and concealed fasteners.
  10. Padding shall consist of molded polyurethane foam pad. It shall be non-hardening. It shall resist alkalis, greases, soaps, abrasions, mildew and tearing. The pad shall be 2" thick at the center under the occupant's pelvis.
  11. The upholstery cover is fastened to the inner base with a draw string and/or staples for a taut sleek appearance.
  12. It shall be possible to remove the seat assembly from the standards without disturbing the standards.
  13. Seats can be provided with number plates located centrally near the front edge. Area provided for number plates shall be recessed to prevent wear and abrasion of the plate and eliminate snagging. The seat number plates can be either glued or mechanically attached.
  14. The seat will withstand a 225 lb static vertical distributed load and seat dynamic test of 125 lb cycled 100,000 times (ANSI BIFMA X5.4-2005 – 13 Seating Durability test - cyclic), and a second test of 300 lb cycled 20,000 times (ANSI BIFMA X5.4-2005 – 14 Drop test - Dynamic), all without damage to the seat or chair (each test applied separately).
- C. Standards provide the structural support for the chairs and are constructed of carbon steel. The standards contains anchor points for holding the back, seat and arm rest in accurate and secure positions.
1. Floor Mount: Provided in multiple slopes to fit level through #6 (including #2 and #4) incline while maintaining a proper seat height. The foot pad shall measure a minimum of 7.87" long x 3.17" wide. Floor standards shall be securely attached to the floor at not less than two points and shall have no projection to create a stumbling hazard.
  2. Standards shall be pedestal design made with a rectangular tube of 18-gauge steel, 1" x 3" nominal profile.
  3. The tube shall be attached by a concealed weld to a 3 1/4" x 8" 14-gauge deep formed steel foot. The foot shall have four holes for attachment of the standard to a concrete floor with expansion bolts.

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- D. Arm Rests: Arm rests for end treatments and for middle standards shall be either wood or plastic as specified below.
1. Polyurethane armrest shall be composed of a 0.2" (5mm) thick polyurethane injected over wood core. Polyurethane armrest are available in black.
  2. Wood arm rests (upper cap) shall be a flat surface with soft radius edges and available in supplied manufacturer's standard stain finishes and wood species.
  3. Center armrest will be of 12" x 3" (305 x 76 mm) and end armrest of 15 3/8" x 3" (391 x 76mm).

### 2.04 Finish:

- A. Metal parts: Shall be provided with an epoxy powder coating in the 9-manufacturer's standard color.
- B. The coating process shall be as follow:
1. Pre-E coat cleaning chemical treatment tunnel process:
    - a. Alkaline cleaner spray at 104° to 122°F
    - b. Water rinse spray at ambient temperature
    - c. Iron phosphate at ambient temperature to 104°F
    - d. Water rinse spray at ambient temperature
    - e. Non-chrome seal spray at ambient temperature to 113°F
  2. Dry-off oven at 248°F
  3. Epoxy paint application
    - a. Film thickness range 2.0-2.8 mils
    - b. Density 1.63 ± 0.05 gr/cc
  4. Cure in oven 14min @ 200°C
  5. Cooling tunnel
- C. Epoxy powder coating must pass:
1. Adhesion 5B (ASTM D-3359)
  2. Flexibility pass 1/8", 180° no cracking or loss of adhesion (ASTM D-522)
  3. Pencil hardness of 2H (ASTM D-3363)
  4. Impact resistance Direct 80 in-lbs and Reverse 80 in-lbs without cracking (ASTM D-2794)
  5. Salt spray with no corrosion for 500 hours (ASTM B-117-94)
  6. Volatile organic compounds (VOC) 0 g/l
  7. 75% gloss retention and color change less than 1.0 delta E CIE (ASTM D 2244-89)
- D. Wood Parts: All exposed surfaces shall be coated with lacquer of sufficient film depth to afford adequate protection in use - colors selected from manufacturer's standard finishes.

### 2.05 Options and Accessories:

- A. End Standard Treatment: The following end standard treatments shall be available and provided as floor or riser mounted.

## SPECIFICATIONS

1. The aisle standards shall be oval shaped with a formed frame of 18 gauge steel welded to the column to maximize sturdiness. Wood exposed edge or plastic frame are not acceptable.
  2. Decorator panel inserts shall be finished with wood veneer, plastic laminate or upholstered.
  3. Aisle end panel shall be fabricated to receive the specified aisle lighting fixture and concealed wiring system.
  4. Available in manufacturer's standard wood species and finishes.
- B. Aisle light: Aisle lights shall be available as a fixture for end standard treatments. The fixture shall be factory assembled. Lamps shall be accessible for replacement and heat generated by lamp shall not be sufficient to be uncomfortable if momentarily touched. Lamp shall be LED. Connection of electrical to aisle lights is by the electrical contractor.
- C. Row and Seat Identification:
1. Row and Seat Identification Plates: Plates shall be made of DR acrylic supplied in the manufacturer's standard colors of .020" thickness. Seat plate size of plate shall be 17mm by 42mm. Seat numbers are 12mm Arial font style. Row identification plate size is Ø55mm. The row numbers/letters are 24.6mm Arial font style. Row and seat plates shall be provided with adhesive backing.
- D. Donor Plates: Plates are 1" x 3" x .020" (25 x 76mm) in brushed stainless steel for customer engraving. Plates can be provided with or without holes for attachment by others.
1. Provide a recessed area on the armrest to allow for flush mounting of row letter with use of escutcheon pins or adhesive.
- E. ADA lift up arm: The ADA arm raises from its normal position to align with the chair back and allowing easy access to the chair. The arm swivels on a bushing to maintain smooth consistent operation. The arm must support a 150 lbf for 1 minute + 200 lbf for 1 minute horizontal load (ANSI BIFMA X5.4-2005 – 9 Arm Strength Test – Horizontal – Static) and 200 lbf for 1 minute + 300 lbf for 1 minute vertical load (ANSI BIFMA X5.4-2005 – 10 Arm Strength Test – Vertical – Static) without damage or adverse effect to its operation.
- F. Removable Seating:
1. Provide floor mount style chairs attached to a steel base assembly which allows for those chairs to be removed as complete assemblies by detaching the base from the floor.
  2. Chair design is to match the adjacent fixed chairs.
  3. The base shall be sized to not protrude past the extent of the envelope of the unoccupied chair.
  4. The base assembly's steel components shall be joined by welding to provide robust support.
  5. Finish of the base shall be powder coat in black.
  6. The tubular and plate steel base assembly shall anchor to expansion anchor threaded inserts in the floor with two anchors per chair standard.
  7. Design of the base assembly will be single, double and triple units as required by the seating plan.

## SPECIFICATIONS

### **PART 3: INSTALLATION, EXECUTION, AND WORKMANSHIP**

- 3.01** Preparation of site shall be by the General Contractor. Any deviation of site conditions contrary to approved shop drawings shall be called to the attention of the architect.
- 3.02** Delivery to the job site shall be coordinated by the general contractor. Proper storage of the product before installation and continued protection during and after the installation shall be the responsibility of the general contractor.
- 3.03** Installation shall be by an authorized factory trained installer, or by a capable superintendent under whose direction the installation is to be performed in a manner satisfactory to the architect, owner or both.
- 3.04** Installation will be in accordance to the approved seating plan and drawings.
- 3.05** The complete installation of the product as called for, and detailed on the drawings, shall be provided in strict accordance with the drawings and manufacturer's standard specification, instructions and recommendations.

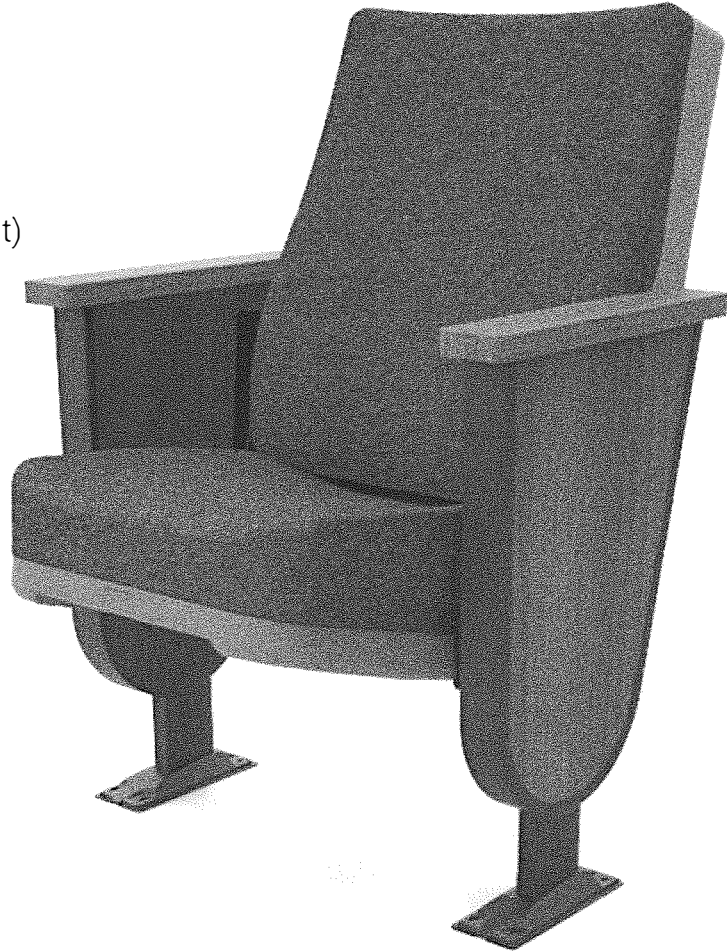
# 250-C Series

Revision: R14-2017, June 2017  
 Document: CS-F-1008-R14-2017

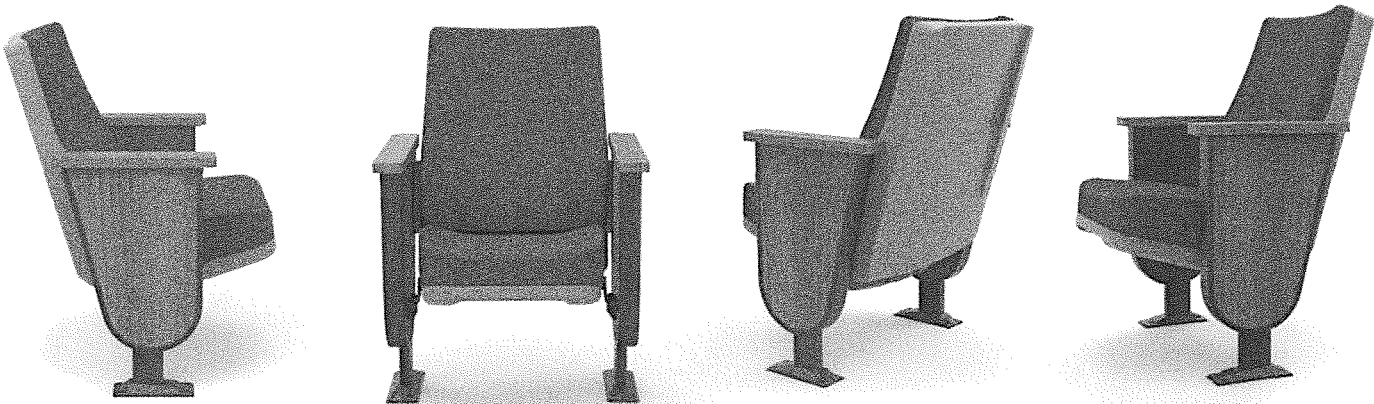
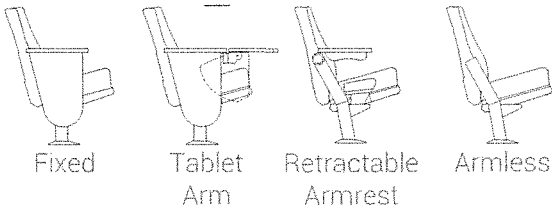
## SPECIFICATIONS

### Characteristics:

- Fixed back
- Self-lifting seat return
- Double-legged design
- Armrest options:
  - Fixed
  - Optional retractable (love-seat) center armrest
  - Armless (with or without optional seat insert)



### Chair Type:



CS-F-1008-R14-2017

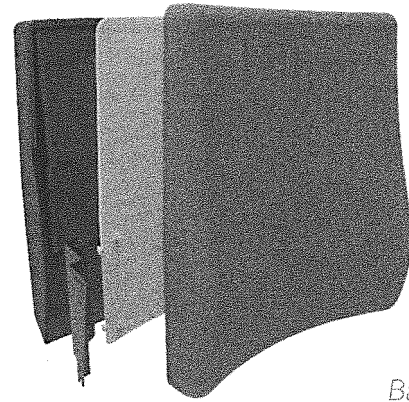
Shown here without noise. Shown in grey for reference only.

Contour configuration shown above 1

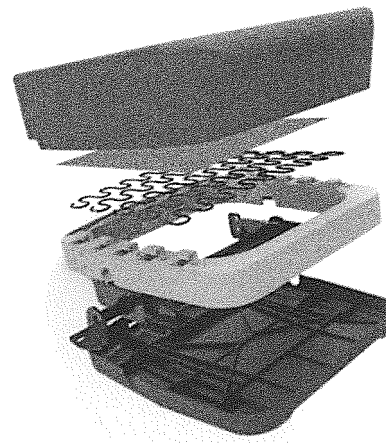
## SPECIFICATIONS

The chairs of the 250-C series are manufactured with:

- **Steel** components are die stamped or rolled, joined by MIG welding and steel hardware. All metal parts are finished with epoxy powder coating for optimum protection.
- **Wood** components are available in a variety of standard stains and wood species, providing a distinctive finish.
- **Laminate** ideal for the covering of surfaces that require an extraordinary finish and resistance.
- **High impact polypropylene** outer backs and cupholders, manufactured by injection mold process.
- **Polyurethane** foams are manufactured to provide maximum comfort and comply with California Flammability TB 117.
- Chairs are **upholstered** with quality upholstery materials that comply with California Flammability TB 117.



*Back*

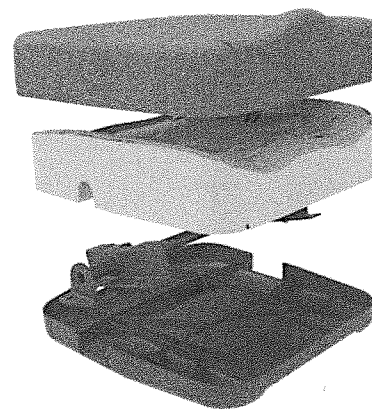


*Standard / Waterfall Seat*



*Aisle Standard*

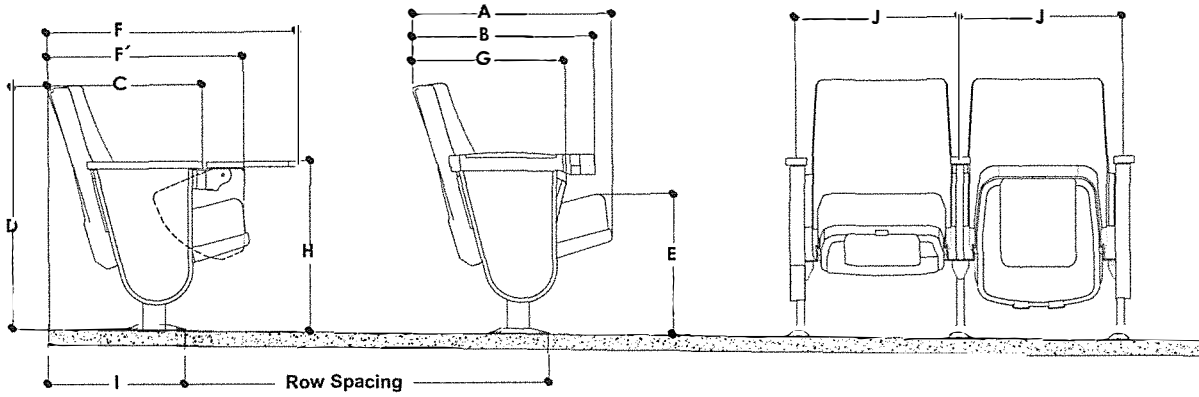
*Center Standard*



*Contempo Seat*



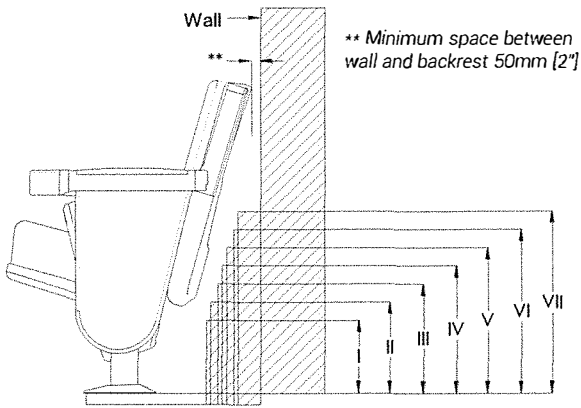
## SPECIFICATIONS



MODELS: Contour / Producer / Performer / Salem / Lincoln / Hayes / Williams / Helix

	Back Pitch mm [in]					
	34"			36" *		
	19°	16°	13°	19°	16°	13°
A	718 [28 ¼]	686 [27]	654 [25 ¾]	732 [28 7/8]	700 [27 ½]	668 [25 3/8]
B	610 [24]	578 [22 ¾]	549 [21 5/8]	624 [24 5/8]	592 [23 3/8]	563 [22 ¼]
C	552 [21 ¾]	521 [20 ½]	492 [19 3/8]	562 [22 1/8]	535 [21 1/8]	506 [19 7/8]
D	845 [33 ¼]	864 [34]	876 [34 ½]	894 [35 ¼]	910 [36]	925 [36 ½]
E	470 [18 ½]	470 [18 ½]	470 [18 ½]	470 [18 ½]	470 [18 ½]	470 [18 ½]
F	854 [33 5/8]	833 [32 ¾]	794 [31 ¼]	868 [34 ¼]	847 [33 3/8]	808 [31 ¾]
F'	686 [27]	648 [25 ½]	616 [24 ¼]	700 [27 ½]	662 [26 1/8]	630 [24 7/8]
G**	575 [22 5/8]	546 [21 ½]	517 [20 3/8]	589 [23 1/8]	560 [22]	531 [20 7/8]
H	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]
I	476 [18 ¾]	448 [17 ¾]	418 [16 ½]	490 [19 ¼]	462 [18 ¼]	432 [17]
J	(please see page 5)					

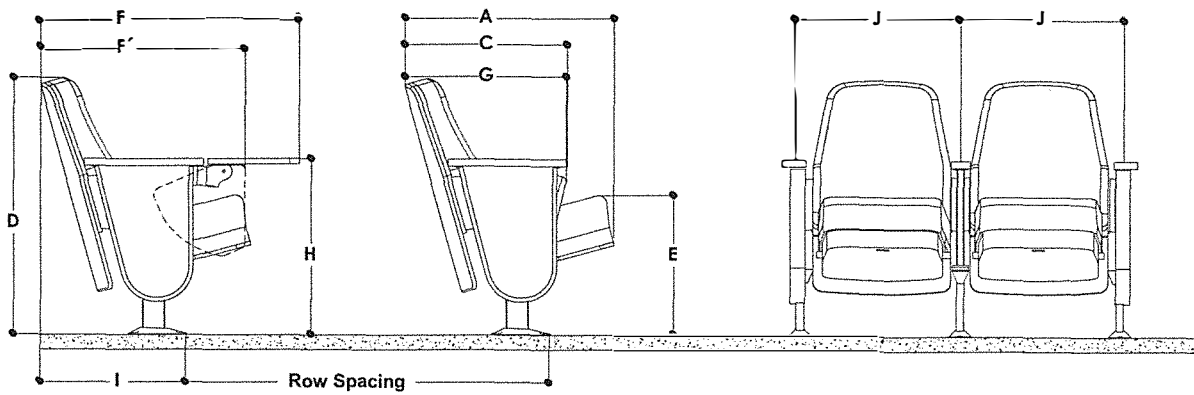
- \* Contour, Performer and Helix backrests available with a 36" height
- Measurements have a tolerance of +/- 6.35 mm (1/4 in).
- Measurements were taken under the following conditions: standard seat with a 90% return, plastic IISA cup holder or rectangular armrest and oversize tablet arm.
- \*\* When using 100% seat return, use envelope dimension B for cupholder or C for wooden armrest
- Reduced envelope option available on Contour, Producer, Performer and Helix backrests



Size Line: Distance taken from the front hole of the shoe to the riser

Riser Height mm [in]	Size Line mm [in]
	Chair Type: Fixed
I. 127-203 [5-8]	318 [12 ½]
II. 229-254 [9-10]	330 [13]
III. 279-305 [11-12]	350 [13 ¾]
IV. 330-356 [13-14]	362 [14 ¼]
V. 381-406 [15-16]	375 [14 ¾]
VI. 432-457 [17-18]	394 [15 ½]
VII. 483-508 [19-20]	406 [16]
Wall	1 + 1"

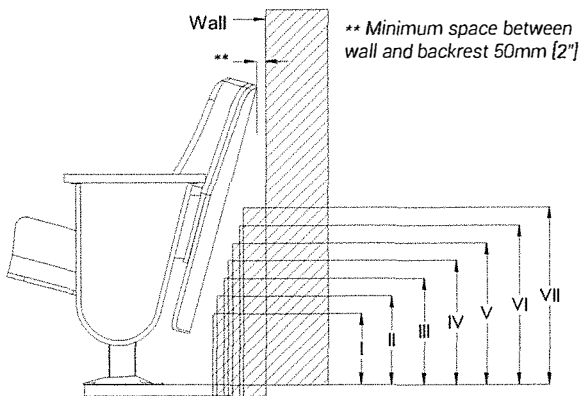
## SPECIFICATIONS



MODELS: Legacy

	Back Pitch mm [in]								
	34"			36"			38"		
	19°	16°	13°	19°	16°	13°	19°	16°	13°
A	750 [29 1/2]	718 [28 1/4]	699 [27 1/2]	762 [30]	737 [29]	711 [28]	775 [30 1/2]	750 [29 1/2]	724 [28 1/2]
C	588 [23 1/8]	557 [22]	537 [21 1/8]	600 [23 5/8]	575 [22 5/8]	549 [21 5/8]	613 [24 1/8]	588 [23 1/8]	562 [22 1/8]
D	850 [33 1/2]	862 [34]	874 [34 3/8]	897 [35 3/8]	912 [36]	924 [36 3/8]	951 [37 3/8]	966 [38]	979 [38 1/2]
E	470 [18 1/2]	470 [18 1/2]	470 [18 1/2]	470 [18 1/2]	470 [18 1/2]	470 [18 1/2]	470 [18 1/2]	470 [18 1/2]	470 [18 1/2]
F	841 [33 1/8]	813 [32]	784 [30 7/8]	854 [33 5/8]	826 [32 1/2]	794 [31 1/4]	883 [34 3/4]	854 [33 5/8]	826 [32 1/2]
F'	622 [24 1/2]	593 [23 3/8]	563 [22 1/4]	670 [26 3/8]	641 [25 1/4]	610 [24]	699 [27 1/2]	670 [26 3/8]	641 [25 1/4]
G**	603 [23 3/4]	572 [22 1/2]	552 [21 3/4]	615 [24 1/4]	590 [23 1/4]	564 [22 1/4]	628 [24 3/4]	603 [23 3/4]	577 [22 3/4]
H	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]	607 [23 7/8]
I	510 [20 1/8]	479 [18 7/8]	459 [18 1/8]	522 [20 5/8]	497 [19 5/8]	471 [18 1/2]	535 [21]	510 [20 1/8]	484 [18 1/8]
J	(please see page 5)								

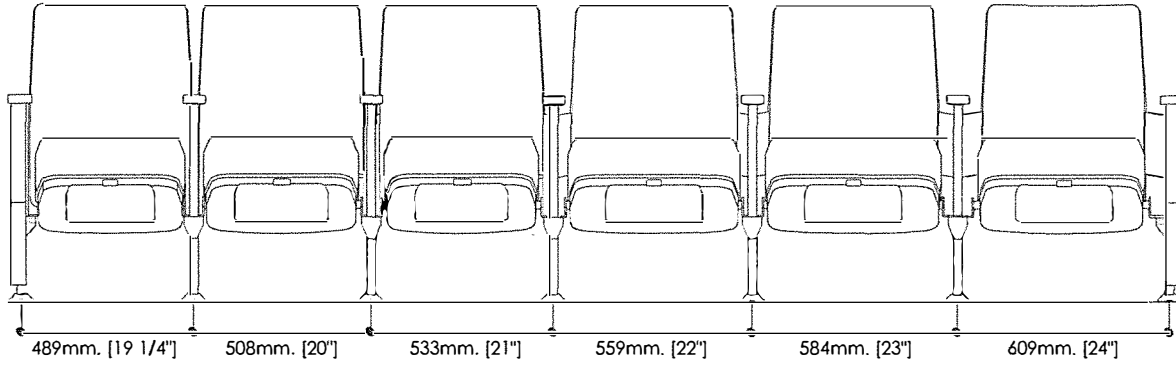
- Measurements have a tolerance of +/- 6.35 mm (1/4 in).
- Measurements were taken under the following conditions: standard seat with a 90% return, rectangular armrest and oversize tablet arm.
- \*\* When using 100% seat return, use envelope dimension C for wooden armrest



Size Line: Distance taken from the front hole of the shoe to the riser

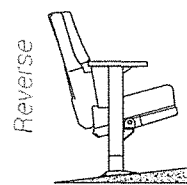
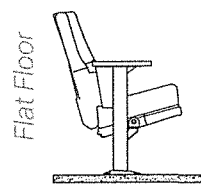
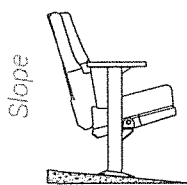
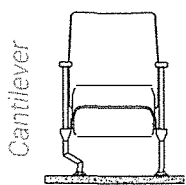
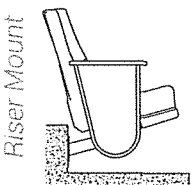
Riser Height mm [in]	Size Line mm [in]
	Chair Type: Fixed
I. 127-203 [5-8]	335 [13 1/4]
II. 229-254 [9-10]	348 [13 3/4]
III. 279-305 [11-12]	362 [14 1/4]
IV. 330-356 [13-14]	375 [14 3/4]
V. 381-406 [15-16]	390 [15 3/8]
VI. 432-457 [17-18]	404 [15 7/8]
VII. 483-508 [19-20]	418 [16 1/2]
Wall	1+1"

## SPECIFICATIONS



Installation										
Chair Type	Chair Width mm [in]						Minimum Radius m [in]	Row Spacing m [in]	Option	
	489 [19 1/4]	508 [20]	533 [21]	559 [22]	584 [23]	609 [24]			Riser Mount (Riser: min. 8 [in] max. 18 [in])	Cantilever
Fixed	✓*	✓	✓	✓	✓	✓	8.00 [315]	G + IBC**	✓	✓
Fixed w/ Tablet Arm		✓*	✓	✓	✓	✓	8.00 [315]	F' + IBC**	✓	✓
Fixed w/ Retractable Armrest			✓	✓	✓		8.00 [315]	G + IBC**	✓	
Armless			✓	✓	✓		8.00 [315]	G + IBC**	✓	

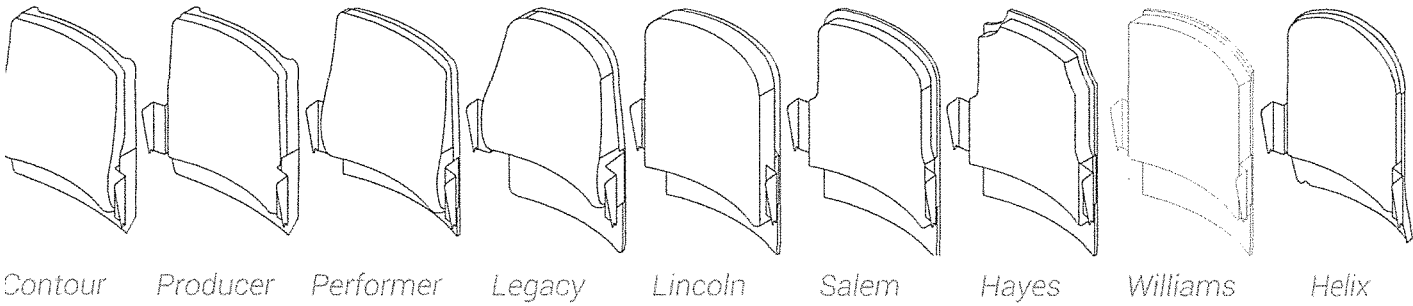
- Chair width is measured from center to center of the standard
- Fixed chairs with oval end panel 501 (metal encased) and solid wood end panels (517-520) requires an additional 12.7 mm (1/2") clearance at each end.
- When using cupholder, consider 3" from the center of the standard to the wall or aisle
- Cantilever standards only available on slopes 0 and 2 with oval 501 end panel and fixed chairs only
- Retractable armrest and armless available with or without seat insert cushion
- Slopes 6 only available on fixed seats or with 45% seat return.
- Retractable armrest on 24" width only available on Helix model
- Restricted use of Legacy chair on 24" width
- \* A maximum of 3% of total chair count will be manufactured when distribution includes any of the following: 19 1/4" chair width, 20" chair with tablet arm on separate rows of the auditorium.
- \*\* International Building Code (IBC) requires additional 12" of open space (please verify your local building code)



Slopes	
Standard	Reverse
0	
2	R2
4	R4
6	

## SPECIFICATIONS

### Backs



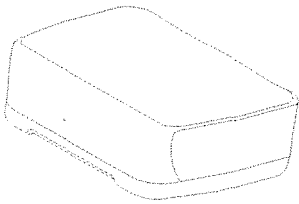
Back										
Model	Chair Type				Foam			Outer Back		Base
	Fixed	Tablet Arm	Retractable Armrest	Armless	Type		Lumbar Support	Plastic	Wood 1,2,3	Wood
					Molded 55 [Kg/m3]	Open Cell 24 N				
Contour	✓	✓	✓	✓	✓		✓	✓		✓
Producer	✓	✓	✓	✓	✓			✓	✓	✓
Performer	✓	✓	✓	✓	✓		✓		✓	✓
Legacy	✓	✓	✓	✓	✓		✓		✓	✓
Lincoln	✓				✓	✓			✓	✓
Salem	✓					✓			✓	✓
Hayes	✓					✓			✓	✓
Williams	✓				✓				✓	✓
Helix	✓	✓	✓	✓	✓		✓*	✓	✓	✓

- When using wooden outer back, the inner back will be wood
- \* Helix back model available with or without lumbar support
- Performer, Producer and Helix back model available with upholstered outerback
- When using a wooden outerback, pipping will be included between wood cover and upholstered foam
- Legacy outerback available with laminate, stain veneer and fully upholstered

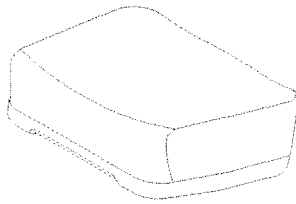
Finishes: <sup>1</sup>Upholstered / <sup>2</sup>Laminated / <sup>3</sup>Stained / <sup>4</sup>Fully Upholstered

## SPECIFICATIONS

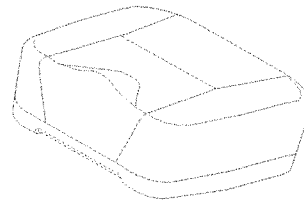
### Seats



Standard



Waterfall



Contempo

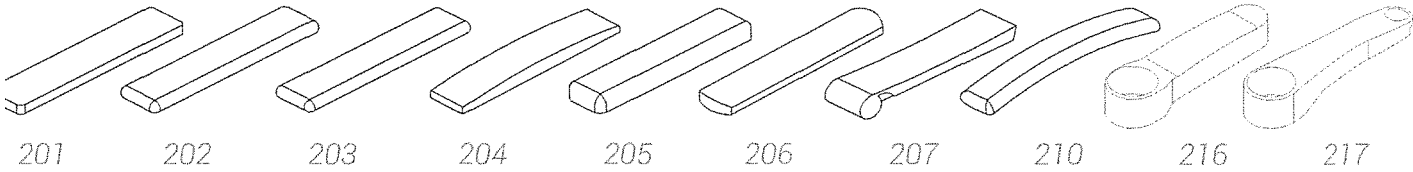
Seat												
Seat Model	Seat Return				Mechanism		Seat Pan Cover				Foam	
	Fixed	45%	90%	100%	Counterbalance	Torcelastik	Plastic		Wood <sup>1, 2, 3</sup>			
							Normal	Acoustic	Normal	Acoustic		
Standard	✓	✓	✓	✓*	✓	✓	✓	✓	✓ <sup>+</sup>	✓ <sup>+</sup>	✓	
Waterfall	✓	✓	✓	✓*	✓	✓	✓	✓	✓ <sup>+</sup>	✓ <sup>+</sup>	✓	
Contempo			✓	✓*	✓		✓	✓			✓	

• On chairs with tablet arm, retractable armrest or armless reduced seat size will apply  
 • Counterbalance return mechanism is made of steel plates of 3/8" x 1 1/2", with wooden or plastic seat pan  
 • Optional seat return activated by high resistance elastomer (torcelastik) only for plastic seat pan  
 • Plastic seat pan with air vents  
 • Seat cover with cinch tie for easy maintenance (except Slim seat)  
 • When using a wooden seat pan cover, pipping will be included between wood cover and upholstered foam  
 • Contempo seat using plastic base without springs  
 • Measurement "E" (page 3) are -1" when using Waterfall seat  
 • <sup>+</sup> It is not recommended to combine plastic and wood covers on seat or back for aesthetic reasons  
 • When using a wooden seat pan cover, the minimum seat width is 20"  
 The following is not available:  
 • \* For retractable armrest or armless with seat insert cushion, 100% seat return is not recommended for aesthetic reasons

Finishes: <sup>1</sup>Upholstered / <sup>2</sup>Laminated / <sup>3</sup>Stained / <sup>4</sup>Fully Upholstered

## SPECIFICATIONS

### Armrests



Armrests and Cupholders													
Chair Type	Component	Rectangular <sup>2,3</sup>	Radius (solid wood) <sup>3</sup>	Radius Polyurethane	Curve (solid wood) <sup>3</sup>	Fully Upholstered	Dome (solid wood) <sup>3</sup>	Scroll (solid wood) <sup>3</sup>	Curve Polyurethane	15" IISA Cupholder	18" IISA Cupholder	15" SC Cupholder	18" SC Cupholder
		201	202	203	204	205	206	207	210	216	216	217	217
Fixed	Center	✓	✓	✓	✓	✓	✓	✓	✓	✓		✓	
	Aisle	✓	✓	✓	✓	✓	✓	✓	✓		✓		✓
Fixed w/ Tablet Arm	Center	✓	✓	✓		✓			✓				
	Aisle	✓	✓	✓		✓			✓				
Fixed w/ Retractable Armrest	Center	✓	✓	✓		✓				✓		✓	
	Aisle	✓	✓	✓		✓					✓		✓
Armless	Center												
	Aisle	✓	✓	✓		✓					✓		✓

The following is not available:

- Curved polyurethane armrest on:
  - Retractable armrest (love-seat).
  - Oval end panel (501 and 554) in 19 1/4" width
  - Concave full length end panel (522)
- Cupholder:
  - Legacy backrest
  - Large (IISA and SC of 18") on center standards
  - On cast iron end panels (509, 573, 574, 575, 576)
  - On ADA for less than 23" (Helix available from 21" to 24")
  - SC 217 on metal encased panels (501, 502, 503, 504, 505).
  - Concave full length end panel (522).
- Scroll armrest with concave to the floor end panels (522)
- ADA and retractable armrest on:
  - Curve (wood) (204), Dome (206), Scroll (207), Curve Polyurethane (210), 18" IISA Cupholder (216), 18" SC Cupholder (217)
  - ADA with wood armrest less than 21" (Helix available from 21" to 24")
- On 19 1/4" chair width: Radius (202), Radius Polyurethane(203), Dome (206), Scroll (207), Curve Polyurethane (210), 18" IISA Cupholder (216), 18" SC Cupholder (217)

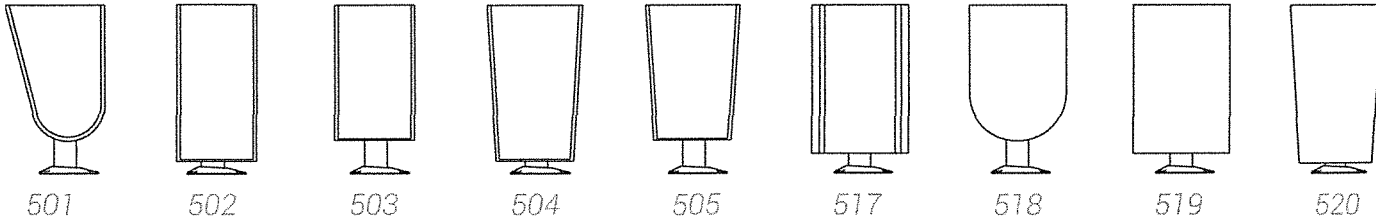
Observations:

- IISA cupholder (216) available with plastic or upholstered cover
- IISA cupholder (216) available on widths of 22" to 24" with fixed armrest
- Curve polyurethane armrest will be shortened when using tablet arms
- Retractable wood armrests, available from 21" to 24" widths. And with plastic cup holder, available from 23" to 24" (Helix available from 21" to 24")
- Retractable armrest available with or without seat inserts.
- Armless option available from 21" to 24" width chair. Width of 21" is available only with reduced seat size.
- When the order has 21" chair width with retractable wood armrest, the armrests would be 55mm wide.
- ADA with wood armrest would be 55mm wide

Finishes: <sup>1</sup>Upholstered / <sup>2</sup>Laminated / <sup>3</sup>Stained / <sup>4</sup>Fully Upholstered

## SPECIFICATIONS

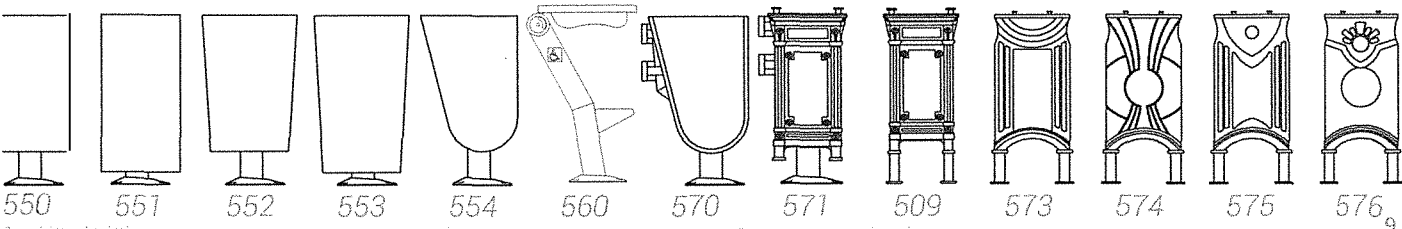
### Aisle Panels



Aisle Panels												
Model	Oval <sup>1,2,3</sup>	Rectangular Full Length <sup>1,2,3</sup>	Rectangular <sup>3/4</sup> Length <sup>1,2,3</sup>	Trapezoidal Full Length <sup>1,2,3</sup>	Trapezoidal <sup>3/4</sup> Length <sup>1,2,3</sup>	Solid Wood End Panels <sup>3</sup>	MDF End Panels <sup>2,3,4</sup>	Oval Rounded Edge <sup>3/4</sup> 2,3,4	ADA (retractable armrest)	Swing Away (oval and palace)	Palace (die cast)	Cast Iron End Panels
	501	502	503	504	505	517-520	550-553	554	560	570-571	509	573-576
Contour	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Producer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Performer	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Legacy	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
Lincoln	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓	✓	✓	✓	✓	✓	✓
Salem	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓	✓	✓	✓	✓	✓	✓
Hayes	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓	✓	✓	✓	✓	✓	✓
Williams	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓ <sup>+</sup>	✓	✓	✓	✓	✓	✓	✓
Helix	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓

- Interior debris shield on oval 501 (metal encased) end panel only.
- Full length end panels only available in slopes 0, 2 and 4.
- Swing away end panel made of plywood has a latch mechanism with dipstick.
- Oval rounded edge <sup>3/4</sup>" MDF end panels only available in black, all other colors with square edge.
- Swing Away also available with panels 503, 505, 517-520. 554 on plywood
- <sup>+</sup> Not recommended for aesthetic reasons

- The following is not available:
- Cup holder for ADA end panel for chair widths under 23".
  - Tablet arm and/or cup holder with cast iron end panels: Palace (509) and end panels (573, 574, 575, 576)
  - Panels: rectangular full length (502), trapezoidal full length (504), ADA (560), MDF end panels (550-553) (instead use plywood) and Cast iron end panels (573-576) for Swing away type
  - Panels 502, 503, 504, 505, 550, 551, 552 and 553 not available with 18" IISA cupholder (216) (use of 15" if apply)



## SPECIFICATIONS

		Tablet Arm		
Chair Type		Standard 19mm [¾"] thickness	Oversize 19mm [¾"] thickness	Graduate 13mm [½"] thickness
Fixed w/ Tablet Arm	Center	✓	✓	✓
	Aisle	✓	✓	✓

- Seats will be reduced by one size when using tablet arms.
- All tablet arms finished with laminated surface

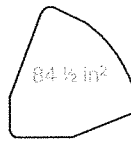
The following is not available:

- Tablet arm with cupholder or retractable armrest
- Palace end panel (509), Cast Iron end panels (573-576), ADA retractable armrest (560), swing away (570-571)

Standard

Oversize

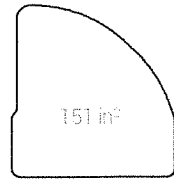
Graduate



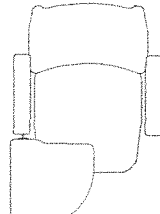
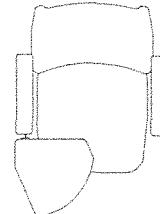
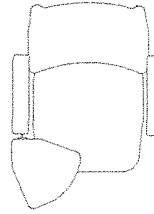
Envelope E =  
763mm [30"]



Envelope E =  
833mm [32 ¾"]



Envelope E =  
995mm [39 ½"]



Envelope at 16° back pitch with 34" height Contour

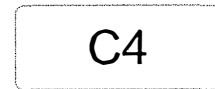
		Number and Letter Plates				
Chair Type		Rectangular			Round	
		Rectangular (regular)	Rectangular (wood seat cover)	Donor Plate	Round (regular)	Round (wood end panel)
Fixed Fixed w/ Tablet Arm Fixed w/ Retractable Armrest	Seat	✓	✓			
	Center	✓	✓	✓	✓	✓
	Aisle	✓	✓	✓	✓	✓
Armless	Seat	✓	✓			
	Aisle	✓	✓	✓	✓	✓

- Round letter plates only available on armrests: Rectangular (201) and Radius (202)

The following is not available:

- ADA end panel with donor or round plate
- Donor plates on armrests Curve (204), Fully Upholstered (205), Dome (206), Scroll (207), Curve Polyurethane (210), IISA Cupholder (216) and SC Cupholder (217)

Rectangular  
(regular)



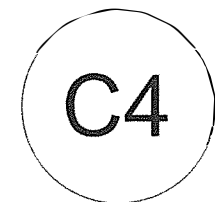
Rectangular  
(wood seat  
cover)



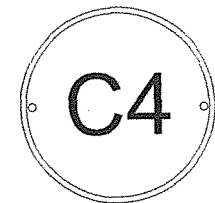
Donor Plate



Round  
(regular)



Round  
(wood end  
panel)





## SPECIFICATIONS

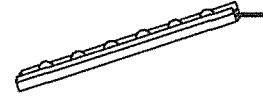
Lights				
Chair Type		Lights on Armrest	Lights on end panel	
		Light Strip	Tempo Sentinel Seat Light II	Tivoli Beacon
All	Aisle	✓	✓	✓

- Retractable ADA armrest available with Tivoli button light only (if required).
- Light strip available with armrests: rectangular (201), radius (202), radius polyurethane (203) and scroll (207)
- Chairs with tablet arms uses light strip placed underneath armrests.
- Maximum step height for lights on end panel of 30cm [11.8 in]

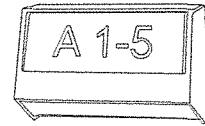
The following is not available:

- Light strip with IISA cup holder (216), SC cupholder (217), fully upholstered rectangular (205), curve wood (204), dome (206), curve polyurethane (210)
- Lights on end panel with tablet arm
- Lights on swing away end panels

Light Strip



Tempo Sentinel Seat Light II

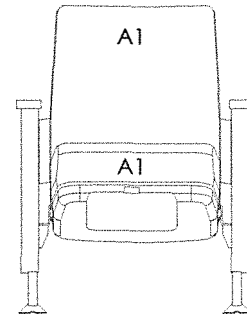


Tivoli Beacon



Embroidery		
Chair Type		Embroidery
All	Back	✓
	Seat	✓

- Embroidery available as number, letter or logo

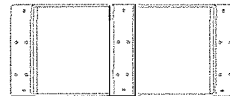


Movable Base		
Chair Type		Movable Base
Fixed	Center	✓
	Aisle	✓

Single



Double



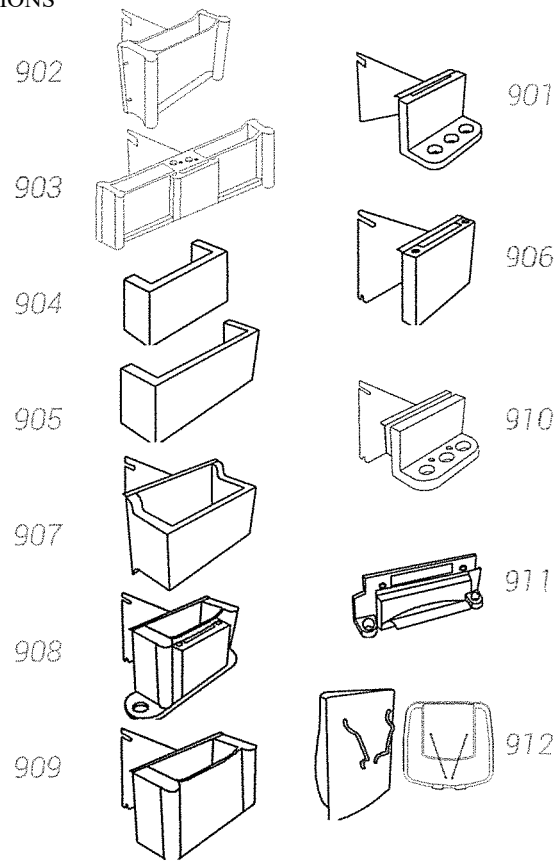
Triple



## SPECIFICATIONS

Bookracks and Envelope Holders													
Chair Type	Component	Bookracks								Envelope Holders			
		902 Cervantes (single) <sup>3</sup>	903 Cervantes (double) <sup>3</sup>	904 Dante (single) <sup>3</sup>	905 Dante (double) <sup>3</sup>	907 Lamarck <sup>3</sup>	908 Targoz I <sup>3</sup>	909 Targoz II <sup>3</sup>	912 Metallic Single Wire	901 Azimov <sup>3</sup>	906 Frost <sup>3</sup>	910 Tolstoy <sup>3</sup>	911 Whitman
All	Back			✓	✓				✓				✓
	Seat								✓				
	Center	✓	✓			✓	✓	✓		✓	✓	✓	

Finishes: <sup>1</sup>Upholstered / <sup>2</sup>Laminated / <sup>3</sup>Stained / <sup>4</sup>Fully Upholstered

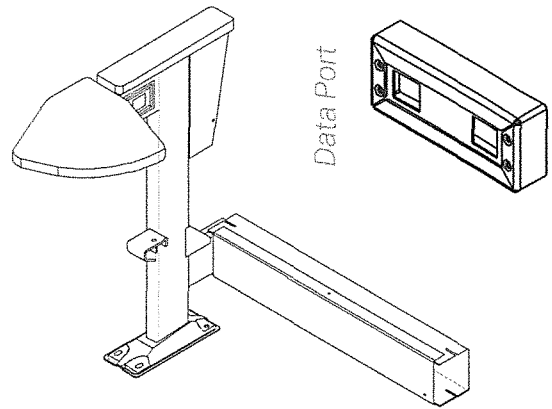


Data Port		
Chair Type		Data port
Fixed w/ Tablet Arm	Center	✓
	Aisle	✓

- Electric data port is available on widths over 21"
- Raceway recommended up to slope 4 maximum

The following is not available:

- Lights on armrest or end panel with data port
- Plastic cupholders or retractable armrests

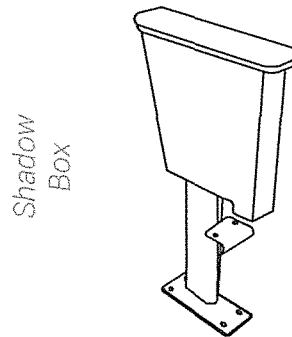


Shadow Box		
Chair Type		Shadow Box
Fixed	Center	✓

- Shadow box only available fully upholstered
- Shadow box only available on fixed center standards on 23" and 24" widths

The following is not available:

- Use with retractable armrests, tablet arms, plastic armrests
- Use with data port



SPECIFICATIONS

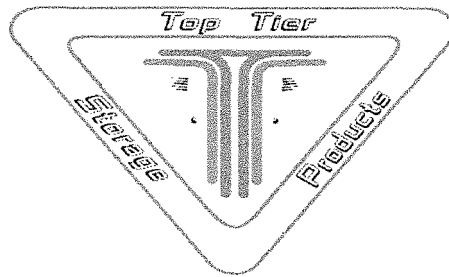


[www.seatingconcepts.com](http://www.seatingconcepts.com)

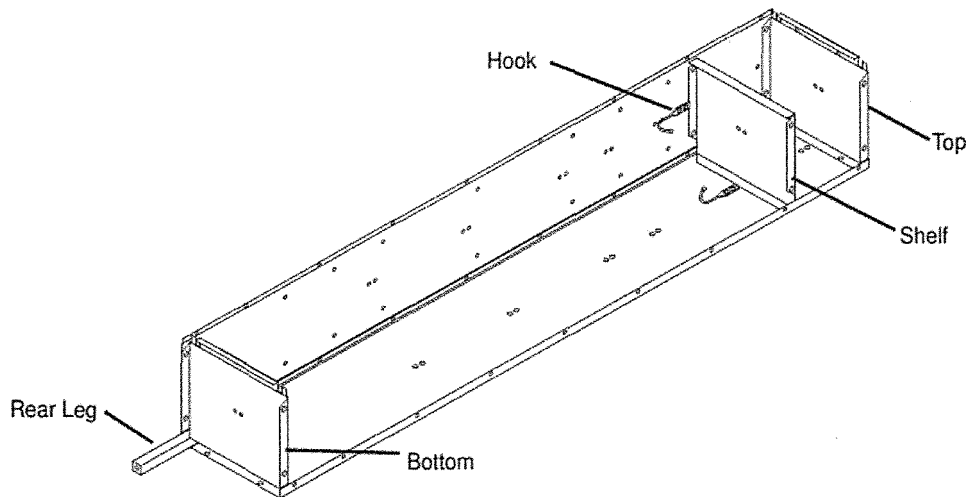
(619) 491- 3159

4229 Ponderosa Avenue Suite B  
San Diego CA 92123 USA

## SPECIFICATIONS

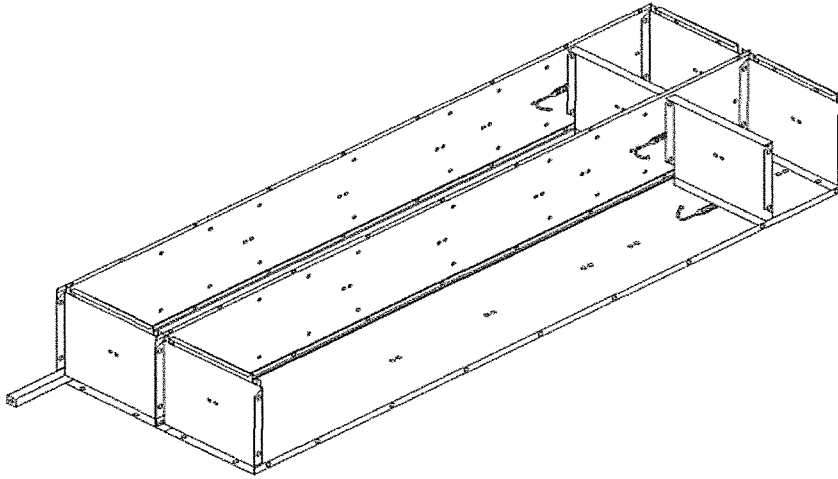


## Locker Assembly

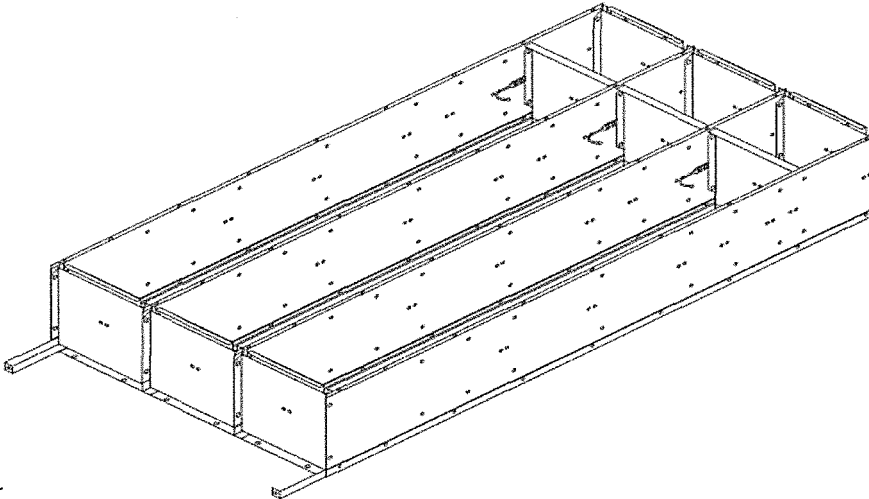


- 1) Lay Back Panel on floor or Saw Horses with flanges facing up. Bolt hook to back panel and Bolt top and bottom to back panel.
- 2) Bolt side panel inside of back panel flange. If legs are needed bolt leg to bottom of back panel and side panel. Bolt hook and shelf to side panel.

## SPECIFICATIONS

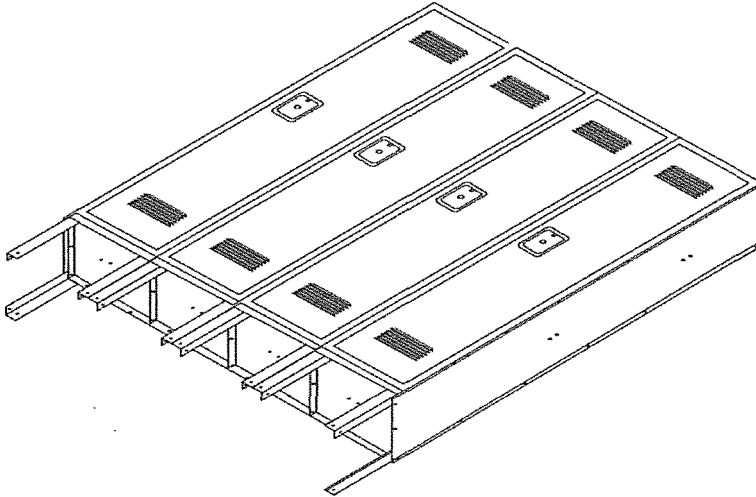


- 3) Bolt hook on the next back. Bolt top and bottom to the next back.
- 4) Bolt side panel, top, bottom, and the next back to the first assembled section
- 5) Bolt shelf and hooks on both sides of the second side panel. Note: if coat rod is needed, this is the time to install it in the first locker.

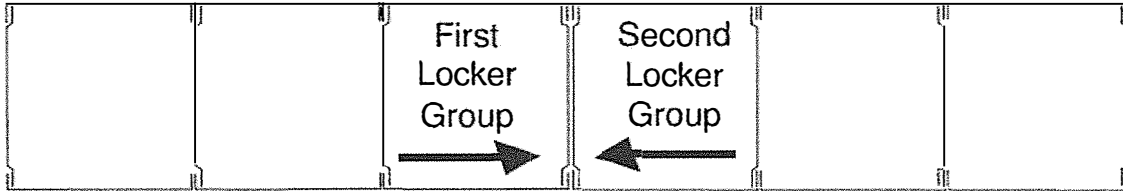


- 6) Repeat sets 3,4, and 5 until the number of units for the group are assembled.
- 7) Bolt end side panel with hook and rear leg if need to the last back panel, top, bottom, and shelf.  
Note: Rear legs should not exceed 54" spacing.

## SPECIFICATIONS



- 8) Place doors and frames on with sides, tops and bottoms inside the frames and bolt to sides, tops and bottoms. Note: If adjoining two or more banks in a row, omit door frame bolts on the ends of the banks to stitch locker banks together.



- 9) Set banks in place. Stitch adjoining locker banks together and anchor to wall and/or floor.
- 10) Adjust doors and latches to operate without binding.
- 11) Attach number plates to front of door with rivets.
- 12) Install locks if needed.

## Top Tier Storage Products

6501 Centerville Business Parkway  
Centerville, Ohio 45459  
1-866-417-8424  
[www.toptierstorageproducts.com](http://www.toptierstorageproducts.com)

**Warning: Lockers Must Be Anchored Properly To Prevent Injury From Tipping Over.**

SPECIFICATIONS

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## Heavy Duty Athletic Locker

The heavy duty athletic lockers are heavier gage steel and are ventilated for the tougher environments of sports and athletic facilities.

### Standard Configurations Include:

- Recessed handle with multi point latch for 1,2, and 3 tier. Single point latch also available.
- 4,5, and 6 tier box lockers come with simple pull latch.
- Door and sides comes standard with diamond perforations.
- 28 colors of powder coat finish.
- Painted same color throughout

Custom color and ventilation options available

6501 Centerville Business Parkway  
Centerville, Ohio 45459

Phone: (937) 242-6133  
Toll Free: 1-866-417-8424  
Fax: (937) 660-9503



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SPECIFICATIONS



# Heavy Duty Athletic Locker Specifications

SPECIFICATIONS

**STYLE:** Knock Down Locker

**HANDLE:** Recessed multi-point latch 1,2,3 Tier  
Friction catch Pull Hasp 4,5,6 Tier

## SNAP SHOT

**DOOR:** 14 Gauge

**FRAME:** 16 Gauge

**BODY:** 16 Gauge

**BACK:** 18 Gauge

**VENTILATION:** Diamond Perforated

## GENERAL

1.1 Lockers produced with mild cold-rolled, high strength sheet steel with a powder coat finish. Top Tier will furnish all materials to complete the work in this section as shown in approval drawings and specifications.

## PRODUCT

2.1 **MATERIAL:** All steel parts are made from commercial mild cold-rolled, high strength sheet steel free from surface defects and imperfections.

**Optional:** Galvannealed sheet steel.

2.2 **FINISH:** Finish coat shall be baked on powder coated enamel applied to sheet metal Chemically pretreated metal with a six-stage cleaning, phosphatizing and metal preparation process. Available in 28 standard colors.

2.3 **DOOR FRAMES:** Using not less than 16-gauge metal formed to channels. All horizontal cross frames including top and bottom are welded to vertical main frames.

2.4 **DOORS:** Using 14-gauge metal fabricated from a single sheet with double bend on vertical sides and single angle on top and bottom flanges. Doors to have diamond perforation ventilation **Optional Ventilation Types:** Louvered vents, mini louvers, and concealed vents. Optional door stiffener also available.

2.5 **BODY:** Using 16 Gauge diamond perforated metal formed and flanged with stiffener ribs and is assembled by nut and bolting or riveting together. Bolt holes not to exceed 9" on center. **Option:** Solid sides and 14-gauge sheet metal.

2.6 **HINGES:** Using 14-gauge full loop five knuckle hinge. Doors more than 48" will have no fewer than 3 hinges per door. Hinges are welded to the door and factory attached to the frame with no less than two rivets per hinge. **Option:** 7-knuckle and continuous piano hinges.

2.7 **HANDLES:** Single, double, and triple tier lockers will have a one piece 20-gauge stainless steel cup design to accommodate a lock. Four, five and six tier lockers will have a pull style friction handle. **Option:** Recessed cup with single point latch on lockers

2.8 **LATCHING:** Single, double or triple tier use a finger lift type latch. The lift trigger is formed from 14-gauge steel and is attached to a multi-point latch channel. The lifting trigger is plastic covered with a 5/16 pad lock hole. Latch hook is welded to the door frame at three points for doors over 48" and two for all other doors. Lockers with locking device maybe locked when door is open or closed without unlocking. Latch hooks have rubber silencers attached for quiet operation. Four, five, and six tier lockers have 11-gauge stationary padlock hasp attached to frame with a 5/16 pad lock hole. **Option:** Recessed cup with single point latch on any locker.

2.9 **INTERIOR PARTS:** Single tier lockers less than 18" deep and all double tier lockers come with two side hooks, one back hook, and one double ceiling hook per opening. Single tier lockers over 18" deep come with coat rod in lieu of double hook. Single tier locker over 48" tall come with one shelf. Three tier lockers come with three single hooks. All hooks are standard zinc plated ball point hooks.

3.0 **NUMBER PLATES:** Polished aluminum with black numbering and are attached to the locker door using rivets.

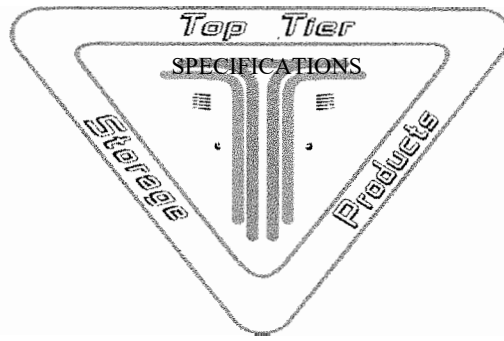
## EXECUTION

3.1 Install lockers in accordance with Top Tier instructions and approved submittal drawings. Installed lockers to be level, plum, and anchored to ridged surface.

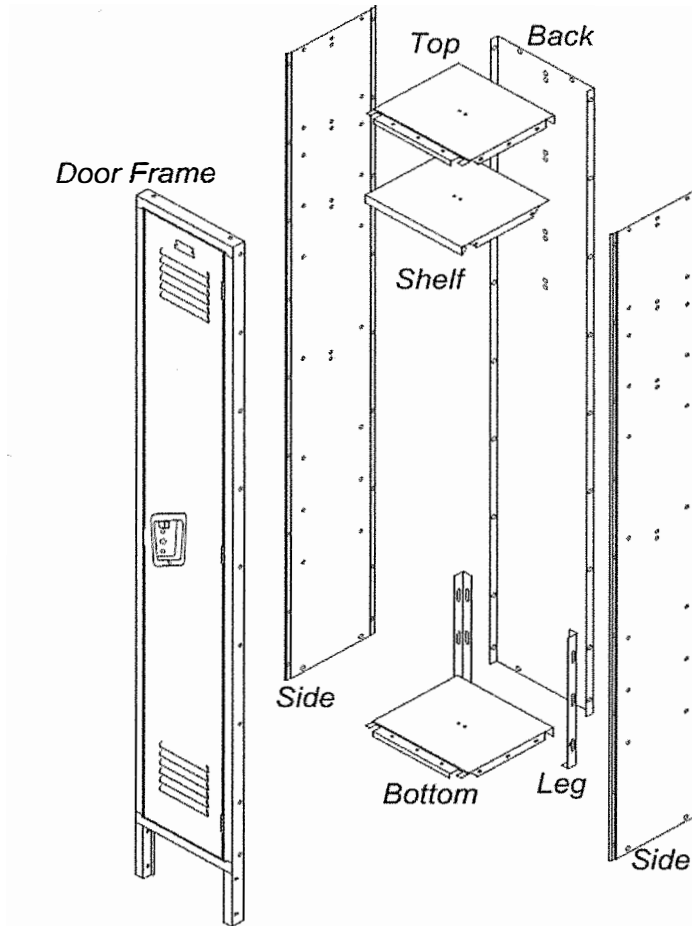
3.2 Install Locker trim and accessories flush with concealed fasteners.

3.3 Clean and adjust lockers to operate freely. Touch up all scratches and nicks with manufacturer paint.

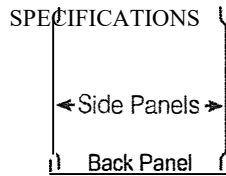




## Kids Locker Assembly Instructions



- 1) Lay back panel flat on floor or bench with flanges facing up. The three sets of hook holes in the center of the back panel should be at the top of the locker.
- 2) Attach top and bottom shelf. The top and bottom shelf are identical. Attach using tamper proof nuts and bolts supplied with locker. All bolts are to be inserted from the outside of the locker with the nut on the inside of the locker. At this time just finger tighten all nuts and bolts. Attach top and bottom with the flange facing bottom of locker and the tabs pointing up.



- 3) Attach side panels to the back, top, and bottom. The side panels go on the inside of the back panel flanges. The side panel holes will only line up if the hook holes in the center of the panels are at the top of the locker same as the back panel. Just finger tighten all nuts and bolts at this time. Leave the bottom two holes on both side of the back panel flanges open to attach rear legs in the next step.
- 4) Slide rear legs from the bottom of the locker up into the locker through the "L" shape slots where the back, side, and bottom come together. Attach the legs through the bottom two holes of the back and sides finger tight. Note: Do not use an impactor or drill to tighten rear leg screws. It is best to use a nut driver or socket wrench so not to over tighten for adjustability.
- 5) Attach shelf to side panels. Shelf has a return flange that goes in the front (faces out). There are several locations the shelf can be attached. The standard is the first set of holes down from the top that is approximately 9" down from the top.
- 6) Attach hooks to the sides and the shelf. Attach hooks just below the shelf. There are three single hooks to go on the sides and back and one double hook for the bottom of the shelf.
- 7) Place door frame on the assembled locker body. Make sure the sides, top and bottom are inside the door frame. Hand fasten door frame with locker nuts and bolts. All bolts are inserted on the outside of the locker with the nuts on the inside except the bottom shelf those bolts go from the inside of the frame and the nuts on the bottom hidden by the flange.
- 8) Make sure locker door opens and closes properly. Adjust any bolts or parts as needed to allow proper door operation. With door operating correctly tighten all bolts with 3/8 wrench or driver. Note: If you use an impactor or high torque drill the tamper proof bolts will strip by design and you will not be able to remove screws. Do not use power tools on adjustable legs.
- 9) When assembly is done set locker in place and adjust rear legs to plumb and true locker before anchoring. Anchors supplied by end user, type of wall and floor will determine the type of anchors needed. For safety lockers must be anchored securely to the wall and or floor to prevent injury and theft.

### Top Tier Storage Products

6501 Centerville Business Parkway

Centerville, Ohio 45459

1-866-417-8424

[www.toptierstorageproducts.com](http://www.toptierstorageproducts.com)

**WARNING: Lockers Must Be Anchored Properly To Prevent Injury From Tipping Over.**

## SPECIFICATIONS



# WALLGUARD™ FIRE/IMPACT 2X6 (Z-CLIP TOP & BOTTOM)

Item # : JWCF-AI-2472ZZ

Ideal wall protection to absorb impact and reduce noise levels. • Highest rated wall padding for maximum player safety and building protection • Optimal for high activity facilities and/or close proximity to activity area • 2" thick fire retardant and high impact foam with 7/16" Oriented Strand Board backing • 14 oz fire-retardant vinyl in a variety of colors • Exceeds impact standards as defined in ASTM F2440-04 • Certified class A fire rating in accordance with NFPA 255/ASTM E-84 • Z-clip top and bottom • Dimensions: 2' x 6' • Note: Wall padding should be installed on all rigid surfaces located in close proximity (within 10') to active playing areas

# WARRANTY - STRENGTH

Valid as of June 2017

## SPECIFICATIONS



PRODUCT	PRODUCT LINE	LABOR*	UPHOLSTERY	SPRINGS	BELTS	BEARINGS	CABLES	GRIPS	BLOCKS, PULLEYS, PLATES, RODS	FRAME	HARDWARE/ MECHANICAL	COSMETIC/ ITEMS NOT SPECIFIED
<b>Commercial Fit Series</b>												
Fit Series - Accufit	4210	3 months	3 months	3 months	3 months	1 year	1 year	1 year	1 year	10 years	3 months	3 months
Fit Series (8000)	4200	3 months	3 months	3 months	3 months	1 year	1 year	1 year	1 year	10 years	3 months	3 months
Optima Series B&R	4720	3 months	3 months	3 months	3 months	1 year	1 year	1 year	1 year	10 years	3 months	3 months
Optima Series (Protokon)	4220-4225	3 months	3 months	3 months	3 months	1 year	1 year	1 year	1 year	10 years	3 months	3 months
<b>Commercial Club Series</b>												
Club Series	4250	3 months	3 months	3 months	3 months	1 year	1 year	1 year	3 years	10 years	3 months	3 months
Club Series B&R - Accufit	4260	3 months	3 months	3 months	3 months	1 year	1 year	1 year	3 years	10 years	3 months	3 months
<b>Commercial Strength Series (9000)</b>												
Cable Motion Gym	4500	3 months	3 months	3 months	3 months	1 year	1 year	1 year	5 years	10 years	3 months	3 months
Pro Series (9000)	4000-4160	3 months	3 months	3 months	3 months	1 year	1 year	1 year	5 years	10 years	3 months	3 months
Synrgy 360	4161	3 months	3 months	3 months	3 months	1 year	1 year	1 year	5 years	10 years	3 months	3 months
Pro Series B&R	4710	3 months	3 months	3 months	3 months	1 year	1 year	1 year	5 years	10 years	3 months	3 months
Pro2	4170	3 months	3 months	3 months	3 months	1 year	1 year	1 year	5 years	10 years	3 months	3 months
Signature/Insignia	4175-4176	3 months	3 months	3 months	3 months	1 year	1 year	1 year	5 years	10 years	3 months	3 months
Strength Plate Loaded Signature	4475	3 months	3 months	3 months	3 months	1 year	1 year	1 year	5 years	10 years	3 months	3 months
Signature B&R	4715	3 months	3 months	3 months	3 months	1 year	1 year	1 year	5 years	10 years	3 months	3 months
Strength Circuit (Toaster)	4800	3 months	3 months	3 months	3 months	1 year	1 year	1 year	5 years	10 years	3 months	3 months

# WARRANTY - STRENGTH

Valid as of June 2017

## SPECIFICATIONS



PRODUCT	PRODUCT LINE	LABOR*	UPHOLSTERY	SPRINGS	BELTS	BEARINGS	CABLES	GRIPS	BLOCKS, PULLEYS, PLATES, RODS	FRAME	HARDWARE/ MECHANICAL	COSMETIC/ ITEMS NOT SPECIFIED
<b>Commercial Hammer Product</b>												
Hammer Select	4170	3 months	3 months	3 months	3 months	1 year	1 year	1 year	5 years	10 years	3 months	3 months
Hammer MTS	4180	3 months	3 months	3 months	1 year	5 years	-	1 year	5 years	10 years	3 months	3 months
Hammer PL	4300-4450	3 months	3 months	-	3 months	5 years	-	3 months	-	10 years	3 months	3 months
Hammer Strength - Other	4300	3 months	3 months	3 months	3 months	5 years	1 year	3 months	5 years	10 years	3 months	3 months
Hammer B&R	4600-4705	3 months	3 months	3 months	3 months	5 years	-	3 months	-	10 years	3 months	3 months
Hammer Heavy Duty Elite/Athletic	4706	3 months	3 months	3 months	3 months	5 years	1 year	3 months	5 years	10 years	3 months	3 months
Hammer Platforms	4750	-	-	-	-	-	-	-	-	1 year	3 months	3 months
<b>Consumer Strength/Parabody</b>												
Parabody B&R - Leader	0550-0560	-	3 years	Lifetime	Lifetime	Lifetime	3 years	Lifetime	Lifetime	Lifetime	Lifetime	-
Parabody Gyms	0450,0650	-	3 years	Lifetime	Lifetime	Lifetime	3 years	Lifetime	Lifetime	Lifetime	Lifetime	-
Parabody Gyms - Accufit	0500-0510	-	3 years	Lifetime	Lifetime	Lifetime	3 years	Lifetime	Lifetime	Lifetime	Lifetime	-

PRODUCT	PRODUCT LINE	LABOR*	UPHOLSTERY	GRIPS	FRAME	HARDWARE/ MECHANICAL	COSMETIC/ ITEMS NOT SPECIFIED	RAILS, FOOT BARS, GEARS	ELECTRICAL	ROPES	FLOORING	ROPE ASSEMBLY, ROCK GRIPS, HARDWARE
<b>Commercial Strength - Other Product</b>												
Synergy Outdoor (Blue Sky)	4177	3 months			5 years	3 years	1 year				10 years	3 years
Lifecircuit	3600	-	6 months	6 months	3 years	1 year			2 years			
Strength Training Vest	4910	-					1 year					
Pilates	5310	-	3 months		5 years			5 years		3 months		
Stretchmate	5300	-					1 year					

**NOTES:**

1. The published labor warranty for commercial strength is 30 DAYS OUT OF BOX. However, internally, warranty contracts will cover labor for 90 days.

SPECIFICATIONS  
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# Signature Series Olympic Squat Rack

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#### Product Features

**Adjustments**

No

**Cushioning**

Contoured cushions utilize a molded foam for superior comfort and durability  
Pads have plastic backers to protect and increase durability

**Frame Description**

11-gauge steel frame ensures maximum structural integrity; Standard rubber feet protect base of the frame and prevent the machine from slipping; Each frame receives an electrostatic powder coat finish to ensure maximum adhesion and durability; Urethane paint guards to protect paint



## Hand Grips

Grips retained with aluminum collars, preventing them from slipping during use; Hand grips are an extruded thermo rubber compound that is non-absorbing and wear-and-tear resistant

## Technical Specifications

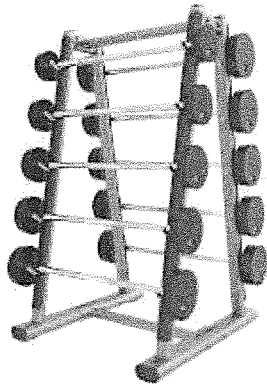
**Dimensions (L x W x H)** 66 in x 77.5 in x 75.5 in (168 cm x 197 cm x 192 cm)

**Weight** 400 lb (182 kg)

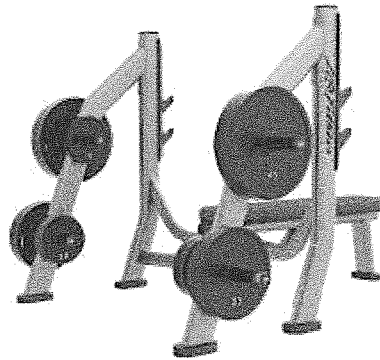
**Product Code** SOSR

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Home Wrestling Mats featuring FLEXI-Roll® - Dollamur

# Wrestling Mats by Dollamur

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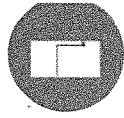
SAFE & STRONG



### Used by the Pros

The best wrestlers, wrestling teams, clubs and organizations in the country rely on Dollamur FLEXI-Roll® mats for their competitions.

**Official Mat of...** >



### SPECIFICATIONS FLEXI-Connect®

No other mat on the market features the Dollamur patented FLEXI-Connect® connection system. The new industry standard.

**FLEXI-Connect® my mats..** >



### Built to Endure

Thick, durable, anti-microbial vinyl will never crack or peel. Our mats meet or exceed ASTM Standards for wrestling mats.

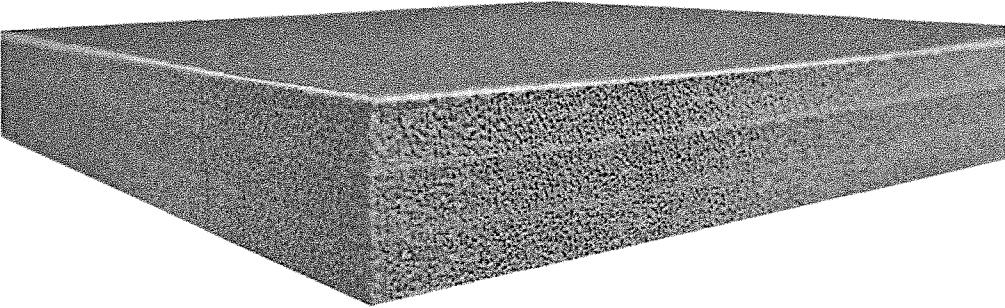
See the features.

## Often Imitated never Duplicated™

Wrestling mats by Dollamur - FLEXI-Roll® by Dollamur is the finest in the industry and it is proudly made in America. This is the mat choice of many of the best wrestling programs in the world. The FLEXI-Roll® is about convenience, ultra-portability, durability and is designed for easy set up and take down.

With Dollamur Wrestling, you can design your wrestling mats in numerous colors and add your wrestling room logo or team mascot giving your wrestling mats the personalization it deserves.

<b>Wrestling Mat Information</b>	<b>Installation</b>	<b>Color Options</b>	<b>Logos &amp; Lettering</b>
	<b>FAQs</b>	<b>Warranty</b>	



**Unmatched Quality**

Made with tough, vinyl surface, backed with

**Superior Protection**

Our mats are manufactured using closed cell,

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76102**

non-woven polyester for max strength and comfort. The advanced technique used to bond the vinyl to the foam means the surface will never require reconditioning and will last.

cross-linked polyethylene foam that will never shrink or harden, maintaining maximum shock absorption and resiliency. Simply put this is the proven best mat available for grappling today!

**SPECIFICATIONS**

**Mat Sizes**

Mats come in two thicknesses - 1 5/8" inch, & 2" inches.

**Standard mat sizes available:**

- 42' x 42' (seven x 6'x42' rolls)
- 42' x 40' (seven x 6'x40' rolls)
- 42' x 38' (seven x 6'x38' rolls)
- 36' x 36' (six x 6'x36' rolls)
- 30' x 30' (five x 6'x30' rolls)
- 24' x 24' (four x 6'x24' rolls)
- 18' x 18' (three x 6'x18' rolls)

**Custom Sizes and Shapes also available.**

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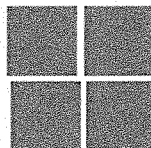
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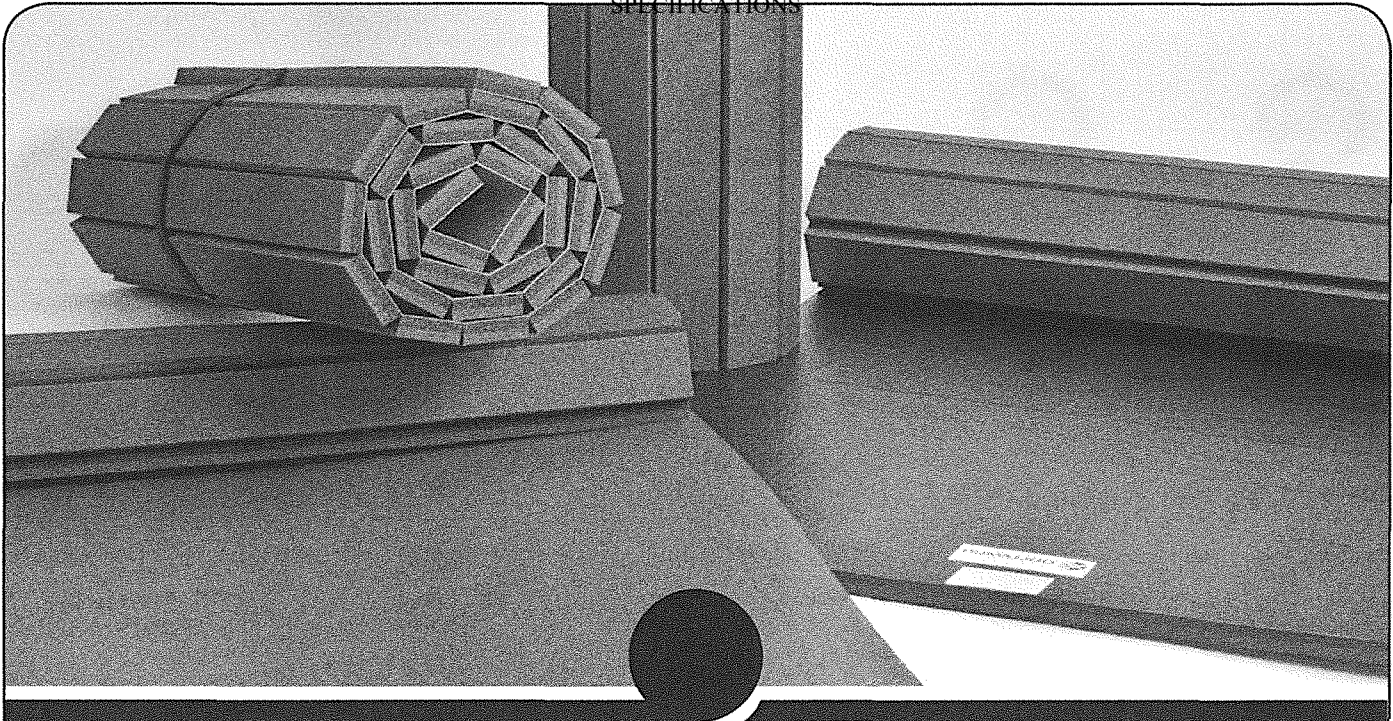


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SPECIFICATIONS





**DOLLAMUR®**  
SPORT SURFACES

**FLEXI-Roll®**  
**VINYL SPORTS MATS**  
**Setup, Care and Handling**  
**Non-Permanent Setup**



**CAUTION:** This booklet is for the FLEXI-Roll series of Dollamur mats only. If you have the Standard non-FLEXI-Roll® series of Dollamur mats, please consult the appropriate booklet. Please read all Care and Warning BEFORE installing mats.

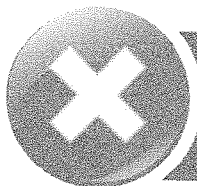
[www.dollamur.com](http://www.dollamur.com)

Part #: FRM-VINYL



# DOLLAMUR®

## SPORT SURFACES



### WARNING For Your Safety

We urge you to carefully read and consider the product safety warning section that follows. It is included to increase your awareness of the precautions that must be enforced in your gymnasium or sports facility to reduce the possibility of injury.

Any activity involving motion, height, speed, rotation, and/or physical contact creates the possibility of serious injury, including paralysis and even death from landing or falling on the neck, head, back or other parts of the body. This mat **DOES NOT** eliminate this hazard. Users assume a risk of serious injury in using this product. Users should strictly adhere to the following guidelines at all times:

1. Use this mat **ONLY** with proper training and under the supervision of a qualified instructor. Use of this mat without proper supervision, proper training, proper spotting equipment and/or trained spotters can be **DANGEROUS** and **SHOULD NOT** be undertaken or permitted.
2. Always allow enough space to properly and safely perform the chosen maneuvers.
3. Perform all maneuvers so as to avoid contact with instructors, bystanders, or other users, and to avoid going outside the perimeter of this mat.
4. Inspect the mat prior to and after any use. Inspect the mat for damage, defects or wears, including tears and flattening of the energy absorbing materials. Additionally mat protection may vary according to room temperature and age. Damaged products should be repaired or replaced immediately. If in doubt, do not use this product.
5. Mats can move during use. Before each use always check the mat for proper positioning and ensure mat is safely secured together. Read the owner manual before initial use.
6. Under no circumstances should this mat be used as a landing mat.
7. Know your own limitations and the limitations of this product. Follow progressive learning techniques and always consult an instructor.
8. Frequently clean mats using Dollamur mat cleaning products or other disinfectants to prevent skin infections. **DO NOT USE BLEACH** as it will cause harm and void warranty. Visit [www.dollamur.com](http://www.dollamur.com) approved cleaner.



#### Dollamur Sport Surfaces

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817-534-3344 | 800-520-7647

[www.dollamur.com](http://www.dollamur.com)

# FLEXI-Roll® Care and Maintenance



## TEMPERATURE WARNING

Unlike conventional mats, the FLEXI-Roll® series does require a minimal temperature acclimatization period after transport or storage. Once the mat is shipped or taken out of storage, it is immediately ready for assembly in an open area. When fitting to a custom area, allow 2 hours for the mat to relax before cutting to size. The rolls should be used only after they have reached room temperature. Dollamur mats are recommended for indoor use only and exposure to direct sunlight could damage the mat and void the warranty.



## DAMAGE TO ROLLS

Due to the way the mat is stored, with the foam on the outside protecting the vinyl, use care when transporting and storing the rolls. The mats should be stored away from any potential puncture risk and should be handled cautiously when transporting through doorways and around other obstacles. Mats should be stored upright on a smooth, flat surface. Should your rolls incur minor damage due to misuse or vandalism, contact your Dollamur representative for assistance.

## ACCESSORIES



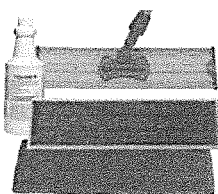
### GENUINE DOLLAMUR Concentrated Professional Mat Cleaner

CS-CLEANER-QT **One Quart Bottle** (Makes 16 gallons of cleaner)

CS-CLEANER-GAL **One Gallon Bottle** (Makes 64 gallons of cleaner)

Dollamur Mat Cleaner is a one-step disinfectant that is effective against a broad spectrum of bacteria, is virucidal including HIV-1, HCV & HBV and inhibits the growth of mold and mildew and their odors when used as directed. Cleans, disinfects, and deodorizes your mats in one easy step. Just two ounces mixed with water makes a gallon of mat cleaner.

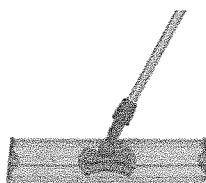
Manufacturer recommends cleaning mats daily immediately after use with Genuine Dollamur Cleaning products. Use of other products could damage the mat and void the manufacturer's warranty.



### Dollamur Mop Kit

- CS-KIT24 24" Wide Mop Kit
- CS-KIT48 48" Wide Mop Kit
- CS-KIT60 60" Wide Mop Kit

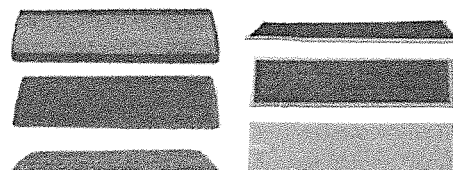
Includes: 1 Mop, 2 Dry Pads, 1 Wet Pad, 1 Quart Cleaner



### Mop

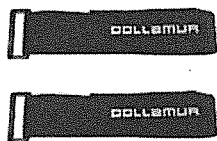
- CS-MOP24 24" Wide Mop
- CS-MOP48 48" Wide Mop
- CS-MOP60 60" Wide Mop

\* Pads not included



### Microfiber Mop Pads - Wet or Dry

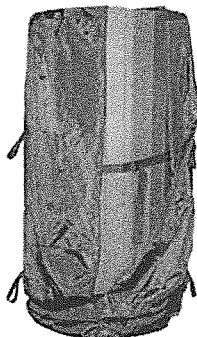
- CS-DRYPAD24 24" Dry Mop Pad
- CS-WETPAD24 24" Wet Mop Pad
- CS-DRYPAD48 48" Dry Mop Pad
- CS-WETPAD48 48" Wet Mop Pad
- CS-DRYPAD60 60" Dry Mop Pad
- CS-WETPAD60 60" Wet Mop Pad



### Storage Straps



ACC-STRAP-BLK-10



### STORAGE BAG

Colors:



SKU: ACC-BAG-BLK-8



### Clear Mat Tape - 3pk or Case

- TC-3IN-3PACK 3" Wide Clear Mat Tape
- TC-4IN-4PACK 4" Wide Clear Mat Tape
- TC-3IN-24PACK 3" Wide Clear Mat Tape
- TC-4IN-18PACK 4" Wide Clear Mat Tape

# DOLLAMUR®


SPORT SURFACES

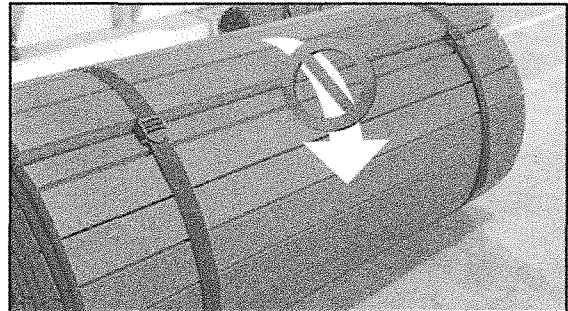
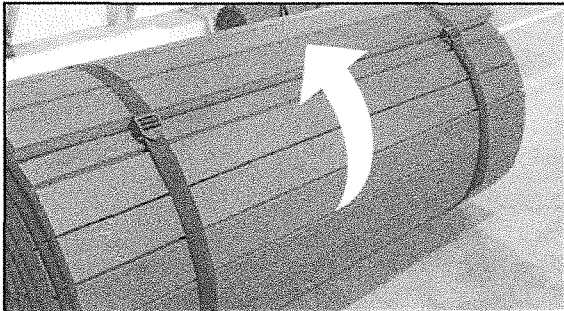
## FLEXI-Roll® Setup, Care and Handling

### FLEXI-Roll® Care and Handling Guidelines

Thank you for purchasing a Dollamur Mat. We appreciate your business and value you as a customer. Please read all instructions carefully and follow all handling guidelines for proper setup, removal and storage. Please contact your sales representative or Customer Service if you have any questions.

### FLEXI-Roll® Proper Handling

- 
 If rolling a strapped mat to a storage area, turn the mat so that you continue rolling the same direction the FLEXI-Roll was rolled up.



- A two-wheeled dolly is an easy way to transport rolls.

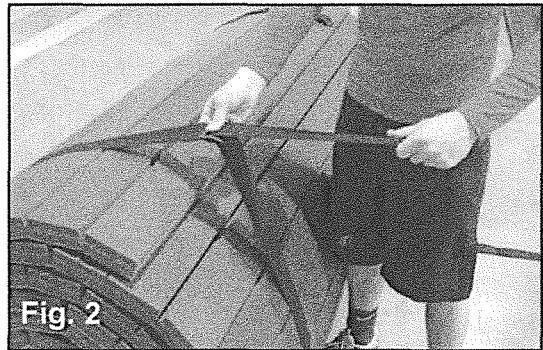


## FLEXI-Roll® Setup Guidelines

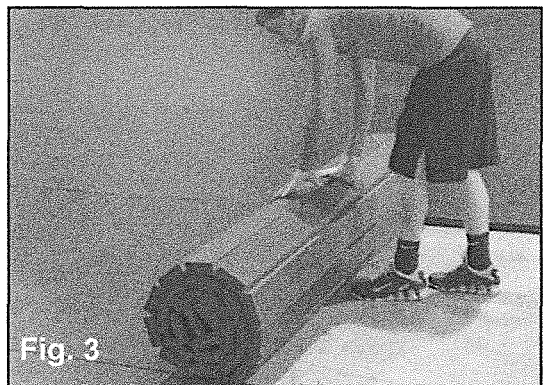
**1** Take care in removing packaging from each roll. Using a sharp object such as a utility knife can damage mat if it cuts through packaging material. Once the outer packaging has been carefully removed from each roll, the mats should be placed on their side (fig. 1).



**2** Unfasten the nylon straps around the mat (fig. 2). Store nylon straps for future use. **DO NOT** discard.



**3** Unroll the mats so that the vinyl side is now facing up (fig. 3). Notice the way the mats are rolled, vinyl side facing in. This is how the mats should be rolled for storage and transport.



**4** Once all of the rolls have been rolled out, push them together to form one large mat surface (fig. 4). **DO NOT** kick the edge of the rolls to position them.



## FLEXI-Roll® Setup Guidelines

**5** Always grab the edge of the roll with your hands and push it into place slowly to avoid damaging the edges of the mat (fig. 5).

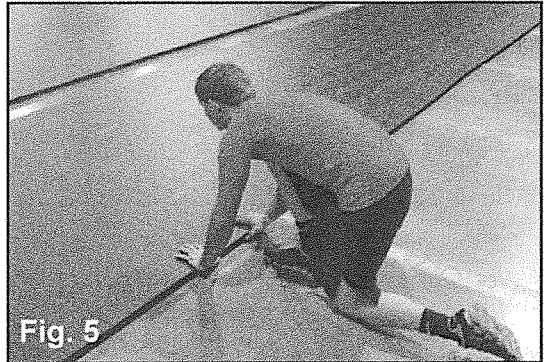


Fig. 5

**6** After the individual rolls have been lined up side by side, eliminating any gaps, center Dollamur Mat Tape over each seam (fig. 6) and secure it firmly to the vinyl. Use the supplied scraper to remove any air bubbles in the tape ensuring a good bond

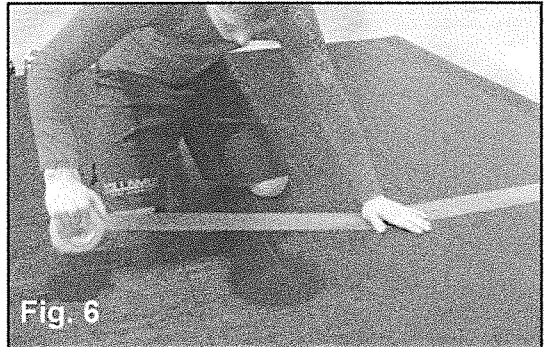


Fig. 6

## FLEXI-Roll® Storage Guidelines

**1** Remove all tape. Roll the mats back up, vinyl side in. Begin rolling by folding one section over to form a triangle (fig. 7). Make sure to keep the mat tight.

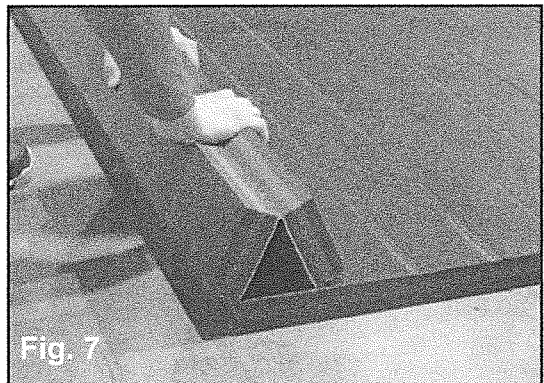


Fig. 7

**2** Keep the edges square (fig. 8). Avoid coning of the roll by moving slowly as the mat is rolled.

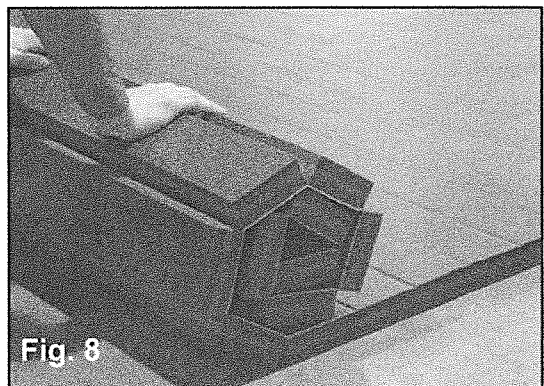
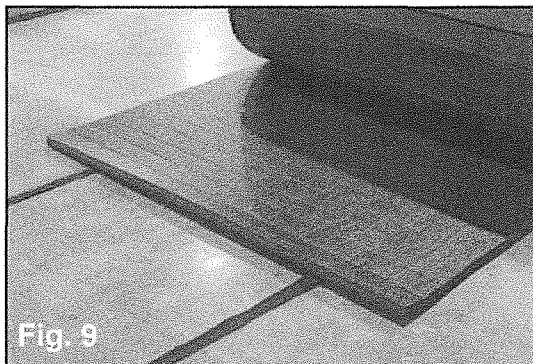


Fig. 8

## FLEXI-Roll<sup>®</sup> Storage Guidelines

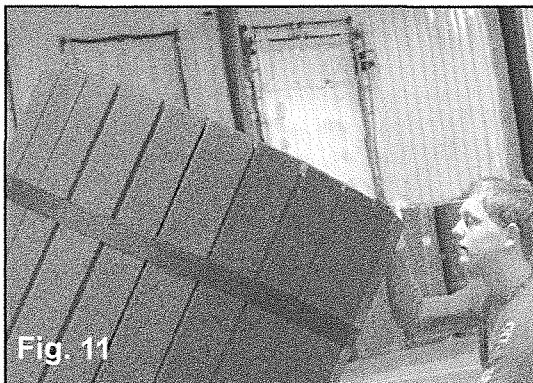
**3** Affix 2 nylon straps approximately 18 inches from the edges of the mat. Roll the mat until it is in the middle of the straps (fig. 9).



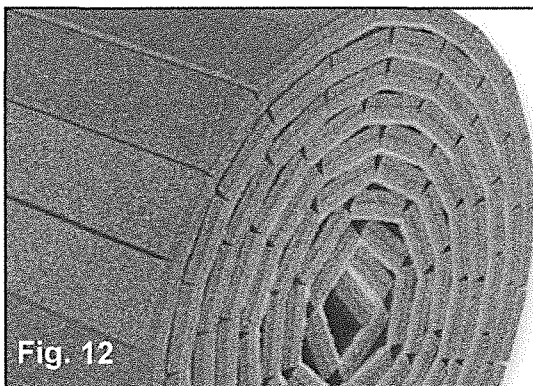
**4** You can now secure the straps around the mat (fig. 10). If rolling to a storage area, turn the roll so that you continue rolling the same direction the FLEXI-Roll was rolled up. See Page 4 for proper handling.



**5** If coning does occur, stand the mat up on end (fig.11). Make sure the straps are secured before standing the mat on end.



**6** Shake the mat gently back and forth until its edges line up (fig. 12).





SPECIFICATIONS

# DOLLAMUR LIMITED WARRANTY

Dollamur Sport Surfaces (“Dollamur”) offers a limited warranty on all of its products (“Dollamur Warranty”). The Dollamur Warranty period for each type of product is as follows:

<u>Dollamur Product Type</u>	<u>Warranty Period</u>
<b>Custom Vinyl Sports Mats</b>	5-Year Limited Warranty <ul style="list-style-type: none"> <li>• 100% replacement in years 1, 2, 3</li> <li>• 50% replacement in year 4</li> <li>• 25% replacement in year 5</li> </ul>
<b>Swain Martial Arts Mats</b>	10-Year Limited Warranty <ul style="list-style-type: none"> <li>• 100% replacement in years 1, 2, 3</li> <li>• 50% replacement in year 4</li> <li>• 40% replacement in year 5</li> <li>• 30% replacement in year 6</li> <li>• 20% replacement in year 7</li> <li>• 10% replacement in years 8, 9, 10</li> </ul>
<b>GymTurf Indoor Sports Turf</b>	3-Year Limited Warranty <ul style="list-style-type: none"> <li>• 100% replacement in year 1</li> <li>• 66.7% replacement in year 2</li> <li>• 33.3% replacement in year 3</li> </ul>
<b>Carpet-bonded Sports Mats</b>	3-Year Limited Warranty; 100% replacement

Dollamur warrants that its products will be free from defects in materials or workmanship with proper installation and normal use and care for the warranty period stated above.

The Dollamur Warranty is only valid if:

- The mat was received and installed in full accordance with the Care & Handling Manual provided with the mat delivery and available online at [www.dollamur.com](http://www.dollamur.com); and,
- The mat has been subjected to normal use for which the mat was intended, and the mat has been cared-for on a regular basis per the Care & Handling Manual instructions; and,
- The mat has not been subjected to vandalism, misuse, neglect, accident, extended improper storage, nor has the mat been altered in any way.

The Dollamur Warranty is subject to normal wear and tear of the mat with normal use. The Warranty does not cover any cosmetic changes to the mat, such as scuff marks, denting or compression from handling or storage, and any fading or marring of the mat.

The FLEXI-Connect® system falls fully under the Dollamur Warranty; except, however, the Dollamur Warranty does NOT cover damage to the FLEXI-Connect® system due to improper handling of the mat.

Return and replacement freight of any valid warranty claim is covered as follows:

- Dollamur will pay 100% of the return and/or replacement freight if the valid warranty claim is made during the first year after the mat was purchased;
- Dollamur will pay 50% of the return and/or replacement freight if the valid warranty claim is made during the second or third years after the mat was purchased;
- The customer is responsible for paying all return and/or replacement freight after the third year following the date the mat was purchased.

Dollamur reserves the exclusive right to consider all warranty claims submitted by its customers and to make warranty claim decisions on a case-by-case basis in its sole discretion.



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When your order arrives please follow the steps below to ensure you receive the shipment properly:

1. Please make certain you have someone to assist moving your order into your facility. Commercial carriers will not deliver the freight inside your facility without you incurring additional charges. Inside delivery, delivery with a lift gate, delivery to a residence or delivery to another location other than the delivery address on your order are all services available at an additional cost. Please contact your sales representative for pricing on these services.

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2. Inspect your shipment thoroughly. Look for any tears or deep indentions in the packaging. If you notice damage to the packaging, inspect it thoroughly. Many times the packaging will sustain damage but the product you ordered inside will be unharmed.

3. Review the Proof of Delivery (POD) receipt the driver will ask you to sign and confirm you have received the correct piece count. Open packages as necessary to confirm you have received everything you ordered.

4. If you discover legitimate damage that occurred during transit to the product you ordered contact your sales representative immediately then clearly describe the damages on the POD the driver will ask you to sign BEFORE signing the POD. If the damage is extensive, you may refuse the damaged packages and agree to receive the packages that are in good condition only. Again, clearly note your decision to refuse certain rolls on the POD. If you sign the POD without noting any damages you are confirming that you received the shipment free and clear of any damages upon delivery. Dollamur will not be responsible for replacing any rolls that are discovered to have damages if they are not noted on the POD.

Please forward this document to anyone who could be present to receive your shipment. Many times commercial carriers will look for anyone to sign for a shipment and Dollamur will not be responsible for an unauthorized person at your location who receives and signs for your shipment free and clear.

You must notify Dollamur within 48 hours of receiving your shipment of any piece count discrepancies, damages to your shipment or any other issues concerning the delivery of your order.

If you have any questions about receiving your shipment, please contact your sales representative or our home office and factory at 800-520-7647.

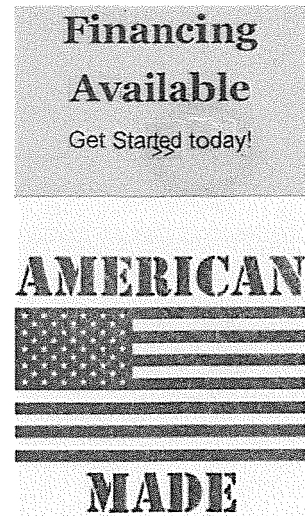
### Shipping Lead Times

#### Vinyl Products

- No markings – Ship within 2 weeks (10 business days) of approved order
- Markings (logos, letters, circles, fight areas, etc) – Ship within 4 weeks (20 business days) of approved order

#### Carpet Products

- Standard rolls (137R, 138R, 139R, Flexi, etc) – Ship within 1 week (5 business days) of approved order
- Special rolls (EVA, special length, etc) – Ship within 2 weeks (10 business days) of approved order
- Carpet logos – Add 1 week (5 business days) to above lead times
- Full truckloads – Ship within 2 weeks (10 business days) of



approved order      SPECIFICATIONS

**Home Mats**

- Vinyl 5'x10'x1.25" Royal, Black, Red or Navy – Ship within 5 business days of approved order
  - Carpet 5'x10'x1.25" & 4'x6'x1.25" – Ship within 5 business days of approved order
  - All other thicknesses, colors and/or sizes for home mats will ship within 2 weeks (10 business days) of approved order
- FLEXI-Connect®** – Add 5-8 business days to above lead times

**Accessories** – Ship within 24-36 hours

**Dollamur Limited Warranty - Revised 11/2016**

Dollamur Sport Surfaces ("Dollamur") offers a limited warranty on all of its products ("Dollamur Warranty"). The Dollamur Warranty period for each type of product is as follows:

**Dollamur Product:**

**Custom Vinyl Sports Mats 5-Year Limited Warranty**

- 100% replacement in years 1, 2, 3
- 50% replacement in year 4
- 25% replacement in year 5

**Swain Martial Arts Mats 10-Year Limited Warranty**

- 100% replacement in years 1, 2, 3
- 50% replacement in year 4
- 40% replacement in year 5
- 30% replacement in year 6
- 20% replacement in year 7
- 10% replacement in years 8, 9, 10

**GymTurf Indoor Sports Turf 3-Year Limited Warranty**

- 100% replacement in year 1
- 66.7% replacement in year 2
- 33.3% replacement in year 3

**Carpet-bonded Sports Mats 3-Year Limited Warranty;**

- 100% replacement

**Home Sports Mats 1-Year Limited Warranty;**

- 100% replacement

**All Other Products 1-Year Limited Warranty;**

- 100% replacement

Dollamur warrants that its products will be free from defects in materials or workmanship with proper installation and normal use and care for the warranty period stated above.

The Dollamur Warranty is only valid if:

- The mat was received and installed in full accordance with the Care & Handling Manual provided with the mat delivery and available online at [www.dollamur.com](http://www.dollamur.com); and,
- The mat has been subjected to normal use for which the mat was intended, and the mat has been cared-for on a regular basis per the Care & Handling Manual instructions; and,
- The mat has not been subjected to vandalism, misuse, neglect, accident, extended improper storage, nor has the mat been altered in any way.

The Dollamur Warranty is subject to normal wear and tear of the mat with normal use. The Warranty does not cover any cosmetic changes to the mat, such as scuff marks, denting or compression from handling or storage, and any fading or marring of the mat.

The FLEXI-Connect system falls fully under the Dollamur Warranty; except, however, the Dollamur Warranty does NOT cover damage to the FLEXI-Connect system due to improper handling of the mat.

Return and replacement freight of any valid warranty claim is covered as follows:

- Dollamur will pay 100% of the return and/or replacement freight if the valid warranty claim is made during the first year after the mat was purchased;
- Dollamur will pay 50% of the return and/or replacement freight if the valid warranty claim is made during the second or third years after the mat was purchased;
- The customer is responsible for paying all return and/or replacement freight after the third year following the date the mat was purchased.

Dollamur reserves the exclusive right to consider all warranty claims submitted by its customers and to make warranty claim decisions on a case-by-case basis in its sole discretion.

## Ordering

### How to Order:

Dollamur accepts Purchase orders from schools, government institutions, YMCAs and the US Military. Orders must be on official organization order forms and must be signed and authorized by the appropriate administrator. The official purchase order form may be faxed or mailed to any Dollamur Sales Office.

Dollamur does not accept purchase orders from private clubs, individuals, or booster clubs. Prepayment is required when no acceptable purchase order is used. Dollamur accepts checks and credit cards; Visa, MasterCard, Discover and American Express.

## Warning

We urge you to carefully read and consider the product safety warning section that follows. It is included to increase your awareness of the precautions that must be enforced in your gymnasium or sports facility to reduce the possibility of injury.

Any activity involving motion, height, speed, rotation, and/or physical contact creates the possibility of serious injury, including paralysis and even death from landing or falling on the neck, head, back or other parts of the body. This mat DOES NOT eliminate this hazard. Users assume a risk of serious injury in using this product. Users should strictly adhere to the following guidelines at all times:

1. Use this mat ONLY with proper training and under the supervision of a qualified instructor. Use of this mat without proper supervision, proper training, proper spotting equipment and/or trained spotters can be DANGEROUS and SHOULD NOT be undertaken or permitted.
2. Always allow enough space to properly and safely perform the chosen maneuvers.
3. Perform all maneuvers so as to avoid contact with instructors, bystanders, or other users, and to avoid going outside the perimeter of this mat.
4. Inspect the mat prior to and after any use. Inspect the mat for damage, defects or wears, including tears and flattening of the energy absorbing materials. Additionally mat protection may vary according to room temperature and age. Damaged products should be repaired or replaced immediately. If in doubt, do not use this product.
5. Mats can move during use. Before each use always check the mat for proper positioning and ensure mat is safely secured together. Read the owner manual before initial use.
6. Under no circumstances should this mat be used as a landing mat.
7. Know your own limitations and the limitations of this product. Follow progressive learning techniques and always consult an instructor.
8. Frequently clean mats using Dollamur mat cleaning products or other disinfectants to prevent skin infections. **DO NOT USE BLEACH.**

## PDF Downloads

Dollamur Cleaner Product Label Information

FLEXI-Roll® with FLEXI-Connect® Setup & Care Manual

FLEXI-Roll® Setup & Care Manual - Non-Permanent Install

FLEXI-Roll® Carpet Setup & Care Manual

SPECIFICATIONS

Mats by Sport

- Wrestling Mats
- Martial Arts & MMA Mats
- Cheerleading Mats
- Gymnastics Mats
- Yoga Flooring
- Fitness Mats
- Indoor Sports
- Turf - GymTurf

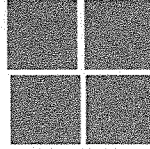
Dollamur Info

- Contact Us
- About Us
- Financing
- Options
- Customer Service
- News
- Videos
- Privacy Policy
- Dollamur Warranty
- Dollamur Setup and Care Manuals

Wrestling Mats

- FLEXI-Roll®
- Wrestling Mat
- FLEXI-Connect®
- Feature
- Wrestling Mat Designer
- Regional Wrestling
- Contacts

Follow Us!



Dollamur Wrestling

1734 East El Paso Street, Ste. 110  
 Fort Worth, TX 76102-6770  
 877-790-2108



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SPECIFICATIONS

# DOLLAMUR®

SPORT SURFACES

# WRESTLING CATALOG

# PROTECT + PERFORM

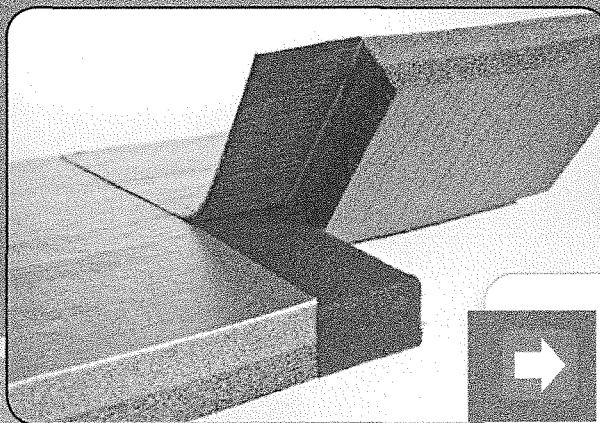


# FLEXI-CONNECT®

SPECIFICATIONS  
PATENTED

## FLEXI-CONNECT®

BUILT-IN, TAPE-LESS MAT SYSTEM



The average High School spends over **\$1300 Every Year** on tape! Eliminate the tape with FLEXI-Connect®

### FLEXI-CONNECT® Wrestling Mat

Dollamur patented **FLEXI-Connect®** system has revolutionized the mat industry by eliminating the need for mat tape. With a built-in hook and loop system you can reduce setup and tear down time to just minutes.

**FLEXI-Connect®** mats are available in any size. Ideal for practice, competition and home use.

### BENEFITS

- Tape-less system with built-in hook and loop - **never buy mat tape again!**
- Convenient, safe and simple
- Eliminates unsafe gaps
- Reduces your setup and tear down time to minutes
- Includes the Dollamur original **FLEXI-Roll®** technology

**Example:**

A 42' x 42' x 1 5/8" Navy Mat with Flexi-Connect: 158SNVYA42FC

Mat Thickness	Size	SKU
1 5/8"	42' x 42'	158ScccA42FC
	42' x 40'	158ScccA40FC
	42' x 38'	158ScccA38FC
	36' x 36'	158ScccA36FC
	30' x 30'	158ScccA30FC
	24' x 24'	158ScccA24FC
	18' x 18'	158ScccA18FC
	2"	42' x 42'
42' x 40'		178ScccA40FC
42' x 38'		178ScccA38FC
36' x 36'		178ScccA36FC
30' x 30'		178ScccA30FC
24' x 24'		178ScccA24FC
18' x 18'		178ScccA18FC

### Mat Color Chart

Use 3-digit Code ccc

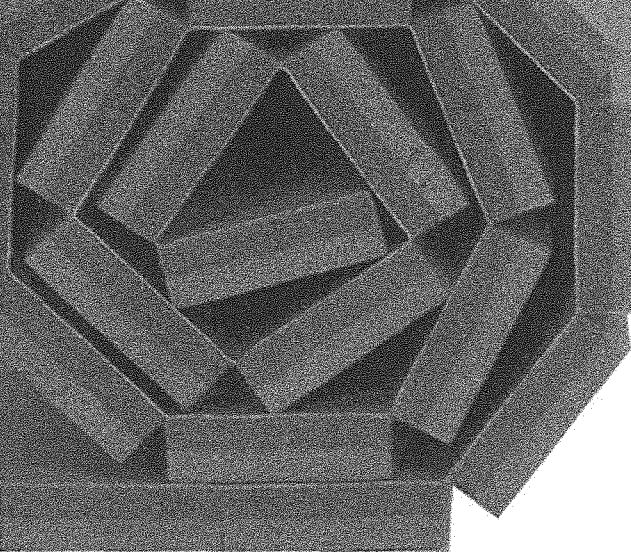


Custom sizes & colors available by request.  
Call for a QUOTE!

ORIGINAL SPECIFICATIONS

# FLEXI-ROLL®

LIGHTWEIGHT, HIGH PERFORMANCE MATS



**FLEXI-ROLL®**

## FLEXI-ROLL® Wrestling Mat

The Dollamur original **FLEXI-Roll®** mat is the ultimate, American Made wrestling mat. Dollamur mats are manufactured using the latest in athletic foam technology. The closed-cell, cross-linked foam provides maximum shock absorption and will never harden or shrink allowing mats to maintain performance throughout their life. Each roll is 6 feet wide, and is available in 1<sup>5</sup>/<sub>8</sub>" and 2" thickness.

## BENEFITS

- Quick and easy installation
- High performance athletic foam for exceptional shock absorption
- Permanent vinyl bond
- Thick, durable, anti-microbial vinyl will never crack or peel

### Example:

A 42'x 42'x 1<sup>5</sup>/<sub>8</sub>" Navy Mat: 158SNVYA42

Mat Thickness	Size	SKU
<b>1 5/8"</b>	42' x 42'	158ScccA42
	42' x 40'	158ScccA40
	42' x 38'	158ScccA38
	36' x 36'	158ScccA36
	30' x 30'	158ScccA30
	24' x 24'	158ScccA24
	18' x 18'	158ScccA18
<b>2"</b>	42' x 42'	178ScccA42
	42' x 40'	178ScccA40
	42' x 38'	178ScccA38
	36' x 36'	178ScccA36
	30' x 30'	178ScccA30
	24' x 24'	178ScccA24
	18' x 18'	178ScccA18

Custom sizes & colors available by request.  
Call for a QUOTE!

## DOLLAMUR IS PROUD TO SUPPLY MATS TO:

- 2015 World Championships
- 2015 Pan Am Games
- 2015 Big Ten
- 2015 World Team Trials
- 2015 World Cup
- 2012 Olympic Trials
- 2012 World Womens Open
- NHSCA Nationals
- USA Wrestling Jr. Nationals
- US Senior Nationals
- Junior & Cadet Nationals ( Fargo )

## STATE HIGH SCHOOL CHAMPIONSHIPS:

- |              |              |
|--------------|--------------|
| • California | • Missouri   |
| • Colorado   | • Nebraska   |
| • Kansas     | • New Jersey |
| • Louisiana  | • Oklahoma   |
| • Maryland   | • Texas      |
| • Minnesota  | • Wisconsin  |







SPECIFICATIONS

# HOME MATS

## FLEXI-CONNECT® HOME WRESTLING MAT

Practice at home or on-the-go with a lightweight, easy handling **FLEXI-Connect®** mat. The Dollamur 10' x 10' x 1 1/4" mat has the same great performance, high quality sports foam, and anti-microbial vinyl surface as the mats you compete on and comes with a one-year warranty. Available with or without a wrestling circle and start marks.

### COLORS:



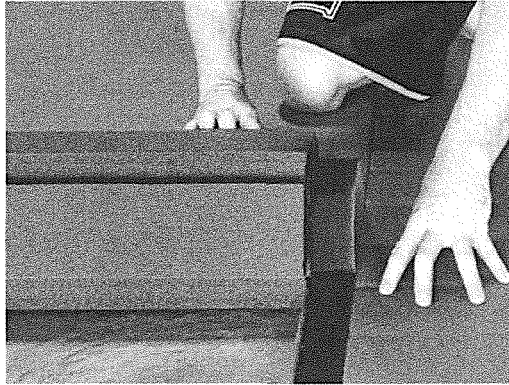
### SKU:

#### With Circle and Start Marks 10' x 10'

- 114SNVYA10X10FCC - NAVY BLUE
- 114SBLKA10X10FCC - BLACK
- 114SREDA10X10FCC - RED
- 114SRBLA10X10FCC - ROYAL BLUE

#### No Markings 10' x 10'

- 114SNVYA10X10FC - NAVY BLUE
- 114SBLKA10X10FC - BLACK
- 114SREDA10X10FC - RED
- 114SRBLA10X10FC - ROYAL BLUE



## FLEXI-ROLL® HOME WRESTLING MAT WITH CIRCLE and START MARKS

The Dollamur Wrestling **FLEXI-Roll®** Home Mat has the same great performance as the mats you compete on. Available in 10' x 10' and 12' x 12' with 1 1/4" high quality sports foam, durable anti-microbial vinyl surface and comes with a one-year warranty. The **FLEXI-Roll®** feature makes use and storage easy.

### COLORS:



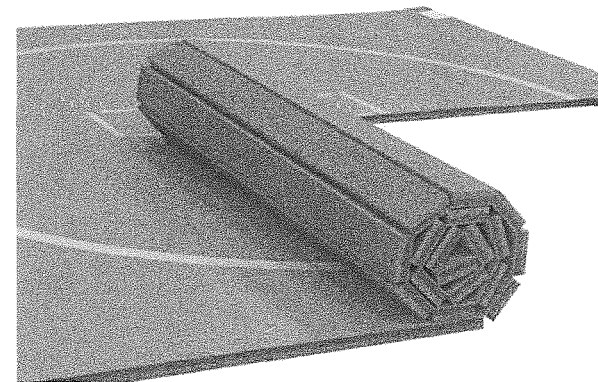
### SKU:

#### With Circle and Start Marks 10' x 10'

- 114SNVYA10X10C - NAVY BLUE
- 114SBLKA10X10C - BLACK
- 114SREDA10X10C - RED
- 114SRBLA10X10C - ROYAL BLUE

#### With Circle and Start Marks 12' x 12'

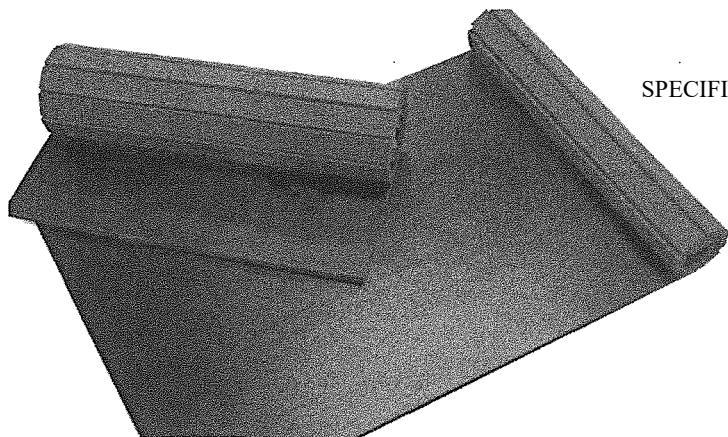
- 114SBLKA12X12C - BLACK
- 114SREDA12X12C - RED



SPECIFICATIONS



Proud Supporter of  
**WOUNDED WARRIOR  
PROJECT**



**FLEXI-ROLL® HOME WRESTLING MAT - NO MARKS**

Now you can have your own **FLEXI-Roll®** mat for training and practice usage ANYWHERE. The Dollamur 5' x 10' x 1 1/4" **FLEXI-Roll®** Mat has the same great performance, high quality sports foam, and durable smooth anti-microbial vinyl surface as the mats you compete on and come with a one-year warranty.

Ordering 2 or more **FLEXI-Roll®** Home Mats? Dollamur will include a roll of Vinyl clear tape to connect them.

**COLORS:**



**SKU:**

- No Markings 5' x 10'**  
 114SNVYA5X10 - NAVY BLUE  
 114SBLKA5X10 - BLACK  
 114SREDA5X10 - RED  
 114SRBLA5X10 - ROYAL BLUE

**'WWP' Wrestling Mats  
Wounded Warrior Project™**

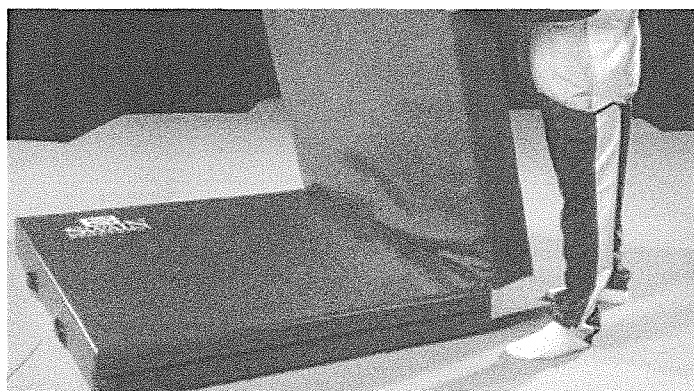
Dollamur Sport Surfaces is a proud supporter of the Wounded Warrior Project™. A percentage of sales from the Dollamur Tan Camo wrestling mat will be donated to the WWP. Donations to the WWP help thousands of injured warriors returning home from the current conflicts and provide assistance to their families. This is a 10' x 10' x 1 1/4" mat featuring a competition circle. (as pictured). *Note: This mat is not a FLEXI-Connect® mat.*

**COLORS:**



**SKU:**

- With Circle and Start Marks  
10' x 10'**  
 114SCMTA10X10-WWP CAMO TAN  
 114SCMGA10X10-WWP CAMO GREEN



**Landing Pad**

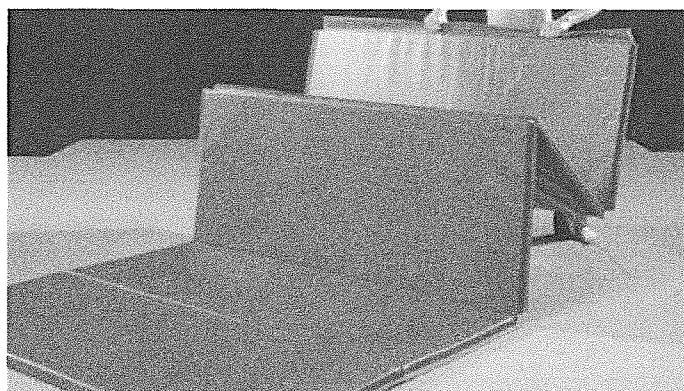
Heavy duty vinyl with 6 inches of high density poly foam to cushion impact. The Dollamur 5' x 8' x 6" landing pad was developed with athlete safety in mind. Specifically designed and engineered for throws and take downs.

**COLORS:**



**SKU:**

- RLP-RBL - ROYAL BLUE  
 RLP-BLK - BLACK  
 RLP-RED - RED



**Folding Sports Mat Mats For Everyone™**

Champion Folding Sports Mat-The 1 3/8" cross-linked foam used in this mat is firm enough to allow for easy foot pivoting yet forgiving enough to pad take downs and falls. Includes hook and loop fastening on all four sides for easy area expansion.

**COLORS:**



**SKU:**

- 4' x 8' - RFM-RBL-4X8  
 5' x 10' - RFM-RBL-5X10  
 6' x 12' - RFM-RBL-6X12



SPECIFICATIONS

# WALL



## FLEXI-ROLL® WALL PADS

**FLEXI-Roll® Wall Pads** are easy to install, have a seamless look, and can bend and curve for odd shaped spaces. Dollamur **FLEXI-Roll®** Wall Pads offer an extra level of protection for your athletes and gives any training area a clean, well designed image. Add your logo or school art.

Talk to one of our sales professionals for more info on the Dollamur **FLEXI-Roll®** Wall Pads.

### SKU:

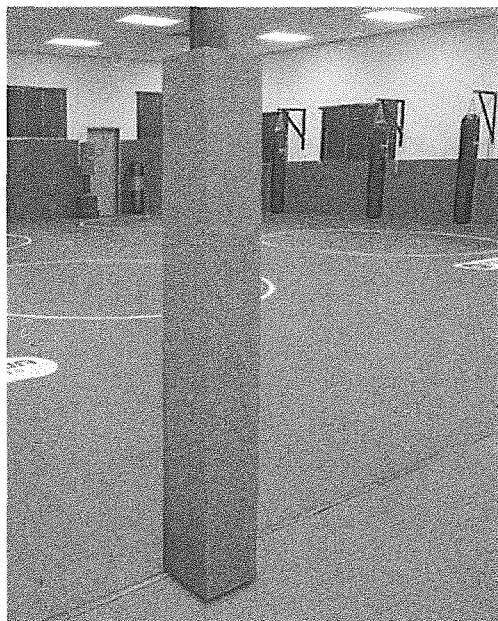
Select Your Color from the Chart

- 10' x 6' x 1 1/4" Pad - FWP114-ccc-6X10
- 20' x 6' x 1 1/4" Pad - FWP114-ccc-6X20
- 30' x 6' x 1 1/4" Pad - FWP114-ccc-6X30

 **CUSTOM SIZES & COLORS** available by request. Call for quote!

### Wall & Pole Pad Color Chart Use 3-digit Code

 Navy Blue NVY	 Red RED	 Royal Blue RBL	 Black BLK	 White WHT
 Brown BRN	 Gold GLD	 Dark Green DGN	 Maroon MRN	 Camo Tan CMT
 Light Grey LGR	 Charcoal Grey CGR	 Orange ORG	 Purple PRP	 Camo Green CMG



## FLEXI-POST POLE PAD®

Keep your training area safe and use your entire space. The Dollamur **FLEXI-Post Pole Pad®** is made from the same durable material as our **FLEXI-Roll®** mats. All of our pole pads are 1 1/2" thick, 6' tall, and fasten with hook and loop for secure placement.

Available in 4", 5", 6", 7", 8", 9", and 10" diameters and wide variety of colors.\* Call for larger sizes and optional lettering.

\* Not available in Camo colors.

### SKU:

- 4" Poles - FPP112-ccc-6X4
- 5" Poles - FPP112-ccc-6X5
- 6" Poles - FPP112-ccc-6X6
- 7" Poles - FPP112-ccc-6X7
- 8" Poles - FPP112-ccc-6X8
- 9" Poles - FPP112-ccc-6X9
- 10" Poles - FPP112-ccc-6X10



# PADS • POLE PADS • CLEANING

SPECIFICATIONS



## PANEL WALL PADS

Dollamur Wall Pads are designed with 1½" of cross-linked polyethylene foam plus ½" OSB for a total of 2" of protection. The 24 oz. vinyl cover is available in your choice of colors\*. Includes a 1" wooden lip on both the top and bottom of each pad for secure installation.

### SKU:

- 2' x 4' x 2" pad - RWP-ccc-242L
- 2' x 5' x 2" pad - RWP-ccc-252L
- 2' x 6' x 2" pad - RWP-ccc-262L

\* Not available in Camo colors.

## ACCESSORIES

### GENUINE DOLLAMUR Concentrated Professional Mat Cleaner

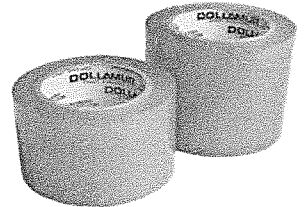
CS-CLEANER-QT **One Quart Bottle** (Makes 16 gallons of cleaner)

CS-CLEANER-GAL **One Gallon Bottle** (Makes 64 gallons of cleaner)



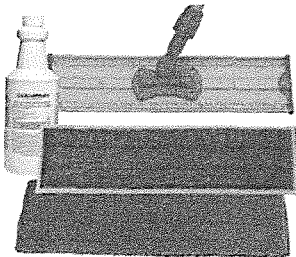
Dollamur Mat Cleaner is a one-step disinfectant that is effective against a broad spectrum of bacteria, is virucidal including HIV-1, HCV & HBV and inhibits the growth of mold and mildew and their odors when used as directed. Cleans, disinfects, and deodorizes your mats in one easy step. Just two ounces mixed with water makes a gallon of mat cleaner.

Manufacturer recommends cleaning mats daily immediately after use with Genuine Dollamur Cleaning products. Use of other products could damage the mat and void the manufacturer's warranty.



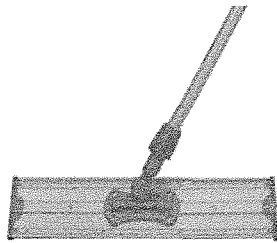
### Mat Tape

- TC-3IN 3" Wide Clear Mat Tape
- TC-4IN 4" Wide Clear Mat Tape



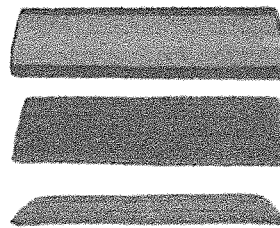
### Dollamur Mop Kit

CS-KIT24 24" Wide Mop Kit  
 CS-KIT48 48" Wide Mop Kit  
 Includes: 1 Mop, 2 Dry Pads, 1 Wet Pad, 1 Quart Cleaner



### Mop

CS-MOP24 24" Wide Mop  
 CS-MOP28 48" Wide Mop  
 \* Pads not included



### Mop Pads

CS-DRYPAD24 26" Dry Mop Pad  
 CS-WETPAD24 26" Wet Mop Pad  
 CS-DRYPAD48 50" Dry Mop Pad  
 CS-WETPAD48 50" Wet Mop Pad

## Other Accessories:

### Storage Bag

SKU: ACC-BAG-NVY-8

### Storage Straps

SKU: ACC-STRAP-BLK-10

### Repair Kit

SKU: RKT-Sccc

# DOLLAMUR®

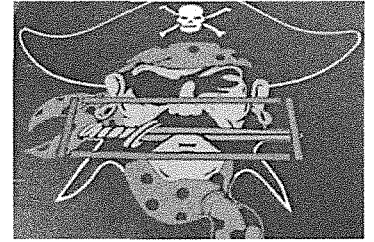
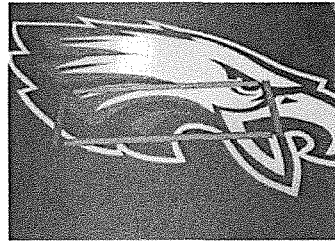
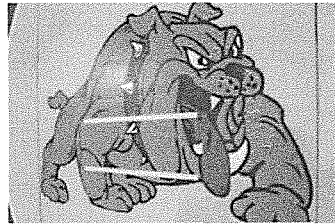
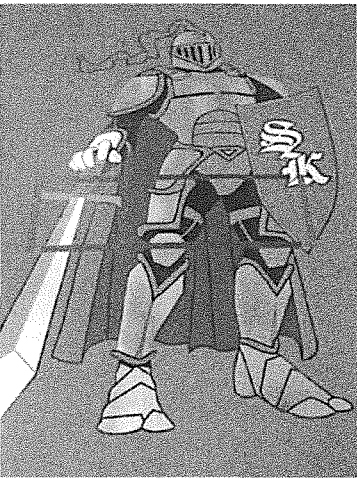
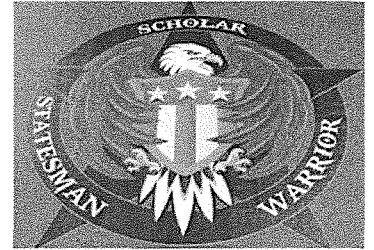
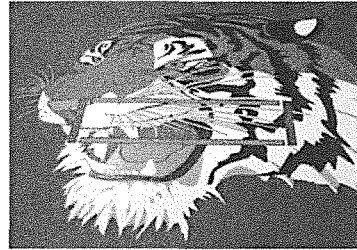


SPECIFICATIONS

# CUSTOM ART

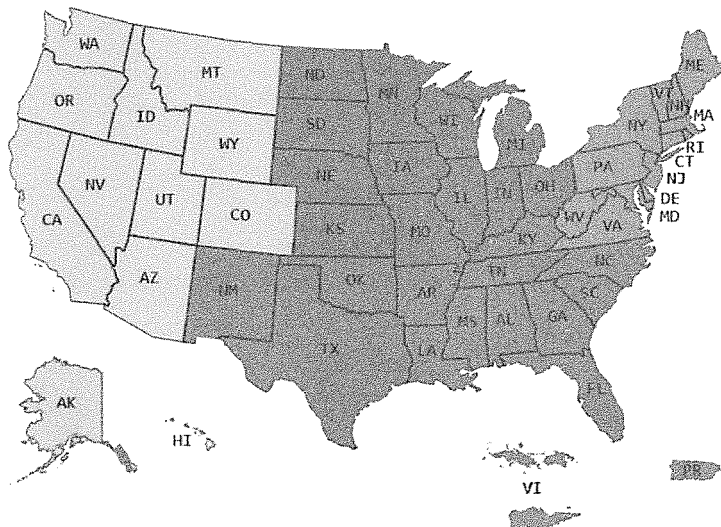
Dollamur employs some of the most talented artists in the business to reproduce your logo, name or mascot in single or multiple colors.

**Contact us today to discuss options and receive a FREE design quote!**



\* Standard and custom art charges apply. Call for quote.

## DOLLAMUR WRESTLING CONTACTS



### EAST REGION

CT, DC, DE, MA, MD, ME, NH, NJ, NY, PA, RI, VA, VT, WV

### COACHES CORNER

**Sonny Greenhalgh:**  
sonny@dollamur.com  
Mobile: 201-819-1907

**Jason Bross:**  
jason@dollamur.com  
Mobile: 917-414-2688

### NORTH REGION

IA, IL, IN, KS, MI, MN, MO, ND, NE, OH, SD, WI

**800-886-0186**  
**Troy Reiter:**  
troy@dollamur.com

### SOUTH REGION

AL, AR, FL, GA, KY, LA, MS, NC, NM, OK, SC, TN, TX

**877-790-2108**  
**Tommy Sams:**  
tommy@dollamur.com  
**Chuck Thompson:**  
chuck@dollamur.com

### WEST REGION

AK, AZ, CA, CO, HI, ID, MT, NV, OR, UT, WA, WY

**800-662-4616**  
**Mike Swain:**  
mikeswain@dollamur.com  
**Chuck Jefferson:**  
cj@dollamur.com  
**Hector Fajardo:**  
hector@dollamur.com  
**David Torres:**  
dtorres@dollamur.com

### INTERNATIONAL SALES

**954-643-0850**  
**Jean-Francois Court:**  
jf@dollamur.com

**EXHIBIT B**

**Wiseburn USD  
Sports Equipment for Routine and Deferred Maintenance  
Bid No. DB 2-60**

To receive an electronic version of Bid No. DB 2-60, please contact:

Jorge Burwick, Manager of CollegeBuys  
[jburwick@foundationccc.org](mailto:jburwick@foundationccc.org)

and/or

CollegeBuys Program  
[collegebuys@foundationccc.org](mailto:collegebuys@foundationccc.org)

## EXHIBIT C

### SUPPLIER COMMITMENT

The Supplier shall observe five basic commitments:

**Corporate Commitment** - A commitment that the Foundation has the support of senior management of the Supplier, and that the Foundation contract is the Supplier's primary offering to Participating Agencies. The Supplier shall make its existing Participating Agency clients aware of its Foundation contract, and upon request, such agencies will be transitioned to the Supplier's Foundation contract;

**Pricing Commitment** - A commitment that Supplier will make commercially reasonable efforts to offer pricing to Participating Agencies that is competitive with the prices Supplier offers to other similarly situated customers purchasing a comparable volume of the same products at the same time and under the same terms and conditions.

**Sales Commitment** - A commitment that the Supplier will market Foundation and that the sales force will be trained, engaged and committed to offering Foundation to potential Participating Agencies, with a further commitment that all Foundation sales be accurately and timely reported.

**Service Commitment** - A commitment that the Supplier will provide, at minimum, the level of service defined in the Master Agreement to any and all Participating Agencies.

**Communication and Information Commitment** – Supplier shall establish the following communication links to facilitate customer access and communication:

- Information for website shall include:
  - Supplier's standard logos;
  - Copy of original Request for Proposal or Invitation to Bid;
  - Copy of Master Contract and amendment;
  - Summary of products and pricing;
  - Other promotional material as desired.
- A toll-free telephone for inquiries and orders
- Regional or toll-free fax number for inquiries and orders
- An email address for general inquiries

## EXHIBIT D

### SUPPLIER PROGRAM STANDARDS

Foundation recognizes that Supplier has a successful business and may choose to meet its commitments to Foundation purchasing programs in a variety of ways that best suit Supplier's business model, organization, and market approach. The following are Program Standards intended to assist Supplier in successfully implementing the Agreement:

**Account Management Team** – Supplier shall assign an account manager to the Agreement with the authority and responsibility for the overall success of the Agreement within Supplier's organization. Supplier shall also designate a lead referral contact person, responsible for receiving communications from the Foundation concerning new public agency registrations, and for ensuring timely follow-up by Supplier's staff to requests for contact from public community college districts and school districts. Additionally, Foundation suggests the supplier implement and supports a supplier-based internet Web page dedicated to Supplier's Foundation program and linked to the CollegeBuys Web site.

**Quarterly Review** – Supplier shall schedule a quarterly review with Foundation to evaluate Supplier's performance of Supplier Commitments and Supplier Program Standards.

**Foundation Purchasing Program Awareness** – Foundation is responsible for marketing the overall purchasing program concept and programs to Participating Agencies. Foundation marketing is intended to supplement and enhance the direct sales effort of the Supplier. Supplier assists by providing camera-ready logos and by participating in related trade shows and conferences. Foundation employs a marketing team, a network of partner associations, direct mail, the Internet, newsletters, and other publications to increase awareness of CollegeBuys.

**Supplier Sales** - Supplier is responsible for proactive direct sales of Supplier's goods and services to Participating Agencies nationwide and the timely follow-up to leads established by Foundation. Use of product catalogs, targeted advertising, direct mail and other sales initiatives are encouraged. All sales materials are to use the CollegeBuys or logo. Foundation will provide Supplier with its logo and the standards to be employed in the use of the logo. At a minimum, Supplier's sales initiatives should communicate:

- That the Master Contract was competitively solicited by a public agency;
- Best educational pricing
- That there is no cost to participate
- That the contracts are non-exclusive

**Sales Force Training** - Supplier is responsible for the training of its sales force on this Agreement. Foundation may provide training materials and generally assist with the education of sales personnel. At a minimum, sales training should include:

- Key features of this Agreement
- Understanding of the process of development of the Master Agreement
- Working knowledge of Foundation organization and solicitation process
- Awareness of the range of public and private agencies districts that can access products and services made available through this Agreement



**EXHIBIT E**

**SAMPLE QUARTERLY REPORT FORM**

<b>College Name Association Name</b>	<b>PO Number</b>	<b>Supplier Invoice Number</b>	<b>Invoice Amount \$</b>	<b>Savings \$</b>	<b>FCCC Admin. Fee \$</b>
<i>Sacramento City College</i>	<i>165532</i>	<i>FR1325</i>	<i>100,000.00</i>	<i>10,000.00</i>	<i>2,000.00</i>
<i>Lake Tahoe CCD</i>	<i>599785</i>	<i>FR1326</i>	<i>200,000.00</i>	<i>20,000.00</i>	<i>4,000.00</i>
<b>TOTAL</b>	<b>-</b>	<b>-</b>	<b>300,000.00</b>	<b>30,000.00</b>	<b>6,000.00</b>

**NOTE: Reports to be submitted in Microsoft Excel**

\*Excluding taxes, additional services and transportation