

## CITY OF DENISON PLANNING AND ZONING COMMISSION MEETING AGENDA

#### Tuesday, February 13, 2024

After determining that a quorum is present, the Planning and Zoning Commission of the City of Denison, Texas will convene in a Regular Meeting on **Tuesday**, **February 13**, **2024**, **at 10:00 AM** in the Council Chambers at City Hall, 300 W. Main Street, Denison, Texas at which the following items will be considered:

#### 1. CALL TO ORDER

#### 2. PUBLIC COMMENT

Citizens may speak on items listed on the Agenda. A "Request to Speak Card" should be completed and returned to the City Clerk prior to the Commission reaching the Public Comment section of the agenda. Citizen comments are limited to three (3) minutes, unless otherwise required by law. Comments related to Public Hearings listed below will be heard when the specific hearing is called.

#### 3. CONSENT AGENDA

- A. Receive a report, hold a discussion, and take action on approving the Minutes from the January 23, 2024, Planning and Zoning Commission Meeting.
- B. Receive a report, hold a discussion, and take action on a Preliminary Plat for the Savoy Addition. (Case No. 2023-044PP)
- C. Receive a report, hold a discussion, and take action on a Site Plan for Lot 2R, Block B of The Rosemary. (Case No. 2023-096SP).

#### 4. PUBLIC HEARINGS

A. Receive a report, hold a discussion, conduct a public hearing, and make a recommendation on a request to rezone an approximately 2.94 acre tract identified as GCAD Property ID No. 141832, said property being legally described as Lots 1 through 16 and including the twenty (20) foot alley, Block 2 of Miller's First Addition to the City of Denison, Grayson County, Texas, according to the deed recorded in Volume Y, Page 330, Deed Records of Grayson County, Texas; being commonly known as 715 W. Sears Street, to amend the current Planned Development Ordinance No. 5218 by changing the current zoning

classification from Planned Development Overlay (PD) District with the base zoning of Single-Family Residential Attached (SF-TH) District to a Planned Development Overlay (PD) District with the base zoning of Multi-Family Residential (MF-2) District and Local Retail (LR) District for residential and retail use and amending Exhibit B "Development Standards" and Exhibit C "Concept Plan" of Ordinance No. 5218. (Case No. 2023-117PD).

#### 5. STAFF UPDATES

#### 6. ADJOURNMENT

#### **CERTIFICATION**

I do hereby certify that a copy of this Notice of Meeting was posted on the front windows of City Hall readily accessible to the general public at all times and posted on the City of Denison website on the 9<sup>th</sup> day of February 2024.

Karen L. Avery, Deputy City Clerk

In compliance with the Americans With Disabilities Act, the City of Denison will provide for reasonable accommodations for persons attending Planning and Zoning Commission Meeting. To better serve you, requests should be received 48 hours prior to the meetings. Please contact the City Clerk's Office at 903-465-2720, Ext: 2437.



## CITY OF DENISON PLANNING AND ZONING COMMISSION MEETING MINUTES

Tuesday, January 23, 2024

#### 1. CALL TO ORDER

Announced the presence of a quorum.

Chair Charlie Shearer called the meeting to order at 10:00 a.m. Commissioners present were Vice Chair Robert Sylvester, Commissioners Linda Anderson, Ernie Pickens, and Alternate Commissioner Mike Zapata.

Staff present were Mary Tate, Director of Development, Dianne York, Planner; Felecia Winfrey, Development Coordinator; and Karen Avery, Deputy City Clerk.

The Invocation was delivered by Chair Shearer, followed by the Pledge of Allegiance led by Commissioner Anderson.

#### 2. PUBLIC COMMENT

No comment cards were returned to the Deputy City Clerk. Therefore, public comments were not received.

#### 3. CONSENT AGENDA

A. Receive a report, hold a discussion, and take action on approving the Minutes from the January 9, 2024, Planning and Zoning Commission Meeting.

#### **Commission Action**

On motion by Commissioner Pickens, seconded by Vice Chair Sylvester, the Planning and Zoning Commission approved the Consent Agenda. Note: Commissioners Anderson and Zapata recused as they were absent at the January 9, 2024, meeting.

#### 4. PUBLIC HEARINGS

A. Receive a report, hold a discussion, conduct a public hearing, and take action on a Replat of the David Ray Addition, Block 1, Lots 1-7 being a Replat of Lots 1 & 2 of the Replat of Lots 1 & 2 of Thedford Acres. (Case No. 2023-128RP)

#### 4. PUBLIC HEARINGS

A. Receive a report, hold a discussion, conduct a public hearing, and take action on a Replat of the David Ray Addition – **continued** 

#### **Commission Action**

Dianne York, Planner, presented this agenda item. Ms. York provided an aerial view of the property. Ms. York stated that the purpose of the Replat is to create seven (7) lots from two (2) lots for residential uses. Ms. York stated that all lots have adequate frontage on Dripping Springs Road and water is to be provided by Starr Water Supply Corporation. All lots will have septic systems in accordance with Grayson County requirements. Ms. York stated that the Replat meets all minimum standards of Chapter 22 Subdivision Regulations. Staff recommended approval of the proposed Replat.

Chair Shearer asked if there was anyone present who wished to speak on this agenda item, to which there was none. With that, the Public Hearing was closed.

On motion by Commissioner Pickens, seconded by Commissioner Anderson, the Planning and Zoning Commission unanimously approved a Replat of the David Ray Addition, Block 1, Lots 1-7 being a Replat of Lots 1 & 2 of the Replat of Lots 1 & 2 of Thedford Acres. (Case No. 2023-128RP)

B. Receive a report, hold a discussion, conduct a public hearing, and make a recommendation on a request to rezone an approximately 0.475-acre tract identified as GCAD Property ID No. 140644, commonly known as 2713 W. Morton Street, from the SF-7.5, Single Family Residential District (SF-7.5) within the Highway Oriented and Corridor Overlay District (HO) to the Commercial (C) within the Highway Oriented and Corridor Overlay District (HO) to allow for commercial use. (Case No. 2023-126Z).

#### **Commission Action**

Dianne York, Planner, presented this agenda item. Ms. York provided an aerial view of the property. Ms. York stated that the subject property is located east of Chick-fil-A and across from the Fire Station located on FM120 (Morton Street). Ms. York stated that there is a commercial building that has already been developed on that property and the building was developed or constructed sometime in 2006. The property has been developed in a commercial manner; however, it is currently zoned single-family. Ms. York stated that the Comprehensive Plan calls for this area to be developed in a "Mixed Commercial" manner. Ms. York stated that the Highway Oriented and Corridor Overlay District will remain in place. Ms. York stated that the rezoning will prevent any kind of issues with a Certificate of Occupancy in the future. She stated that the City has had someone come forward that would like to redevelop the building there - not necessarily on the outside - but remodel it on the inside to accommodate their business. Ms. York stated that the building has been vacant for quite some time. Ms. York stated that the property is not platted, noting that it does not hinder anything because it is already an existing structure. However, if there were any additions made, the property would have to be platted. Staff recommended approval of the request.

Chair Shearer asked if there was anyone present who wished to speak on this agenda item.

Mr. David Keese came forward to address the Commission and provided the following information for the record:

Name: Mr. David Keese

First United Bank (Applicant's Representative)

Address: 1400 W. Main Street

Durant, OK 74704

Applicant's representative, Mr. David Keese, stated that the Applicant is requesting a rezone from Commercial to Residential. He stated that when the property was appraised in 2005, it was indicated that it was zoned commercial. Mr. Keese stated that the use of the building is consistent with the area and, therefore, they are requesting approval of rezoning.

Chair Shearer asked if there was anyone else present who wished to speak on this agenda item, to which there was none. With that, the Public Hearing was closed.

For the record, 1) a Letter in Support of the Request was received by staff from Mr. Tony Kaai on January 16, 2024; and 2) a Letter in Opposition to the Request was received by staff from Mr. Steve Brinkerhoff on January 19, 2024.

On motion by Commissioner Anderson, seconded by Vice Chair Sylvester, the Planning and Zoning Commission unanimously recommended approval of a request to rezone an approximately 0.475-acre tract identified as GCAD Property ID No. 140644, commonly known as 2713 W. Morton Street, from the SF-7.5, Single Family Residential District (SF7.5) within the Highway Oriented and Corridor Overlay District (HO) to the Commercial (C) within the Highway Oriented and Corridor Overlay District (HO) to allow for commercial use. (Case No. 2023-126Z).

C. Receive a report, hold a discussion, conduct a public hearing, and make a recommendation on a request to amend Planned Development District for a 2.94-acre tract identified as GCAD Property ID No. 141832, commonly known as 715 W. Sears Street from the Single-Family Townhome (SF-TH) District to a Planned Development District with a base zoning district of Multi-Family (MF-2) District for residential use. (Case No. 2023-117PD).

#### **Commission Action**

Dianne York, Planner, presented this agenda item. Ms. York stated that this item was incorrectly noticed. Staff requested the Planning and Zoning Commission to consider tabling the Public Hearing to the Planning and Zoning Commission meeting to be held on February 13, 2024.

January 23, 2023 Planning and Zoning Commission Meeting Minutes Page 4 of 4

On motion by Commissioner Anderson, seconded by Commissioner Zapata, the Planning and Zoning Commission unanimously tabled the Public Hearing to the Planning and Zoning Commission meeting on February 13, 2024.

#### 5. STAFF UPDATES

Director Tate and Planner York provided updates to the Commission regarding the zoning cases presented to City Council at their January 16, 2024, Meeting. The following cases were approved by City Council:

- Ordinance to rezone an 11.446-acre portion of the tract identified as GCAD Property ID No. 151234 form the MF-1, Multi-Family Residential (MF-1) and Commercial (C) District partially within the Austin Avenue Overlay (AO) to a Planned Development District (PD) partially within the Austin Avenue Overlay (AO) with a base zoning of MF-1, Multi-Family Residential (MF-1) to allow for multi-family residential use. (Case No. 2023-119PD)
- Ordinance to amend Planned Development Ordinance No. 5166 to add an additional 1.644 acres to the existing PD and to include the base zonings of Single-Family Residential District (SF-5), Single-Family Residential District-Attached (SF-TH), Multi-Family Residential District (MF-1), Multi-Family Residential District (MF-2), and Commercial District (C) on the approximately 28.36-acre tract, commonly known as 3400 W. Crawford Street. (Case No. 2023-118PD)
- Ordinance for a Conditional Use Permit within the Commercial (C) zoning district, to allow for a distribution center for property located at 307 W. Coffin. (Case No. 2023- 116CUP)

#### 6. ADJOURNMENT

There being no further business to come before the Commission, the meeting was adjourned at 10:13 a.m.

	CHARLIE SHEARER, Chairman
ATTEST:	
Karen L. Avery, Deputy City Clerk	

## Planning and Zoning Commission Meeting Staff Report



#### **Agenda Item**

Receive a report, hold a discussion, and take action on a Preliminary Plat for the Savoy Addition. (Case No. 2023-044PP)

#### **Staff Contact**

Dianne York, Planner dyork@cityofdenison.com 903-465-2720

#### Summary

- The applicant is requesting approval of a Preliminary Plat for a proposed development consisting of approximately 2.974 acres.
- The property is zoned Planned Development (PD) Overlay District to allow for the construction of single-family attached (townhome).
- Upon approval of the Preliminary Plat, the applicant will submit an application for Final Plat and Civil Engineering Plans.

#### **Recommended Motion**

Staff recommends conditionally approving the proposed Preliminary Plat pending Civil Engineering Plan and Final Plat approval.

#### **Recommended Motion**

"I move to conditionally approve the proposed Preliminary Plat pending Civil Engineering Plan and Final Plat approval."

#### **Background Information and Analysis**

Applicant is seeking conditional approval of a Preliminary Plat for the Savoy Addition development. Approval of the proposed plat will allow the developer to move forward with submitting a Final Plat application and Civil Engineering Plans.

The subject property is zoned Planned Development per Ordinance No. 4914 allowing for the development of single-family attached (townhome) structures. This Ordinance was approved by the City of Denison City Council at the meeting held on November 6<sup>th</sup>, 2017. The proposed Preliminary Plat consists of twenty-seven (27) lots and one (1) open space lot. Each lot meets the minimum lot size, depth and width requirements listed within the District Regulations for this Planned Development. The proposed lots will front on both South College Boulevard and Willow Grove Road. The developer is responsible for construction of all future infrastructure as well as any detention or drainage facilities required to accommodate the proposed development. Additionally, any required improvements to existing infrastructure will be the sole responsibility of the developer.

Impact fees will be assessed, Park Dedication Fees will be collected, and a Tree Preservation Plan will be submitted at the time of Final Plat application per Ordinance No. 5286, Section 22-102 of the Subdivision Ordinance and Section 28.51.9.A.6.b. of the Zoning Ordinance.

Prior to submitting a building permit, the developer will make a formal Site Plan submittal to the Planning Staff. As the property is zoned Planned Development, the Site Plan must be approved by the Planning and Zoning Commission.

#### **Financial Considerations**

N/A

#### **Prior Board or Council Action**

The City Council approved Ordinance No. 4914 to allow for the zoning of Planned Development Overlay District.

#### **Alternatives**

The Planning and Zoning Commission may deny or approve the plat with conditions.



#### **Zoning of Subject Property** Thatcher St. Thatcher St \_Thatcher St\_\_\_ Two-Family (duplex) 51144 151143 151141 151140 151139 151181 151180 151179 151178 151177 151175 151152 Amsden St Amsden St 151142 151195 151194 151193 151192 151213 151211 151210 DE ONIDAR GROOT 151164 151163 151162 151161 Seymore Cir 151166 151167 151168 Little Creek Dr 2263 14 151160 SEE Planned Development Local Retail -State Ontower Place & Heather Legal Commerciation of Fixed S aconhouse Raw 255482

rcial



## Savoy Development & Acquisitions, LLC

Real Estate Services | Construction | Hospitality.

## THE SAVOY, in DENISON

## In the heart of Denison, a new horizon rises: 27 Modern Townhomes

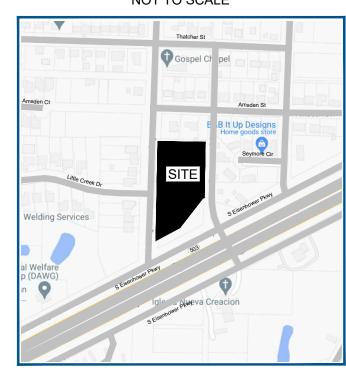
Denison, a city where history whispers on every corner, is about to witness a bold new chapter. Rising from the ground, not just as structures of brick and glass, but as a canvas for urban living, will stand 27 Modern Townhomes. This isn't just a collection of dwellings; it's a statement. A declaration that modern living and community can thrive here, in the beating heart of Texas.

#### Here are some additional features:

- Colors and materials used will tie into the existing synergy of Denison.
- Building materials and equipment used to focus on the sustainable and eco-friendly environment.
- To be built and designed as a pet friendly neighborhood.



### **VICINITY MAP** NOT TO SCALE



#### **GENERAL NOTES**

- The purpose of this plat is to create 27 residential lots and 1 open space lot from an unplatted tract of land and to dedicate easements and right-of-way.
- The bearings shown on this survey are based on GPS observations utilizing the AllTerra RTK Network. North American Datum of 1983 (Adjustment Realization
- 3. Controlling monuments: as shown.
- 4. Coordinates based on Texas State Plane Coordinate System, North Central Zone, North American Datum of 1983 on grid coordinate values.
- This property is located in Non-shaded Zone "X" as scaled from the F.E.M.A. Flood Insurance Rate Map dated September 29, 2010 and is located in Community Number 480259 as shown on Map Number 48181C0285F. The location of the Flood Zone is approximate, no vertical datum was collected at the time of the survey. For the exact Flood Zone designation, please contact 1-(877) FEMA MAP.
- 6. Notice: Selling a portion of this addition by metes and bounds is a violation of city subdivision ordinance and state platting statutes and is subject to fines and withholding of utilities and building permits.
- 7. Per the City of Denison online Zoning Map accessed on 3/27/2023, the subject property is zoned "PD 4914" and adjacent lands are zoned "Multifamily-1," "Single Family - 5," and "Local Retail" and are subject to the rules and regulations listed in the City of Denison's Code of Ordinances.

## CERTIFICATE OF SURVEYOR

STATE OF TEXAS COUNTY OF DENTON

I, MATTHEW RAABE, Registered Professional Land Surveyor, do hereby certify that this plat were found or placed with 1/2-inch iron rods with green plastic caps stamped "EAGLE SURVEYING" under my direction and supervision in accordance with the current provisions of the Texas Administrative Code and the Ordinances of the City of Denison, Grayson County,

## PRELIMINARY

this document shall not be recorded for any purpose and shall not be used or viewed or relied upon as a final survey document

Matthew Raabe, R.P.L.S. # 6402

STATE OF TEXAS COUNTY OF DENTON

BEFORE ME, the undersigned authority, on this day personally appeared MATTHEW RAABE, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed and in the capacity therein stated.

COLLEGE CREEK

**ESTATES** 

PHASE 1

VOL. 16, PG.145

P.R.G.C.T.

LOT 4, BLOCK TWO

COLLEGE CREEK

**ESTATES** 

PHASE 1

VOL. 16, PG.145

TBM X-CUT N:7315627.89' E:2560935.07'

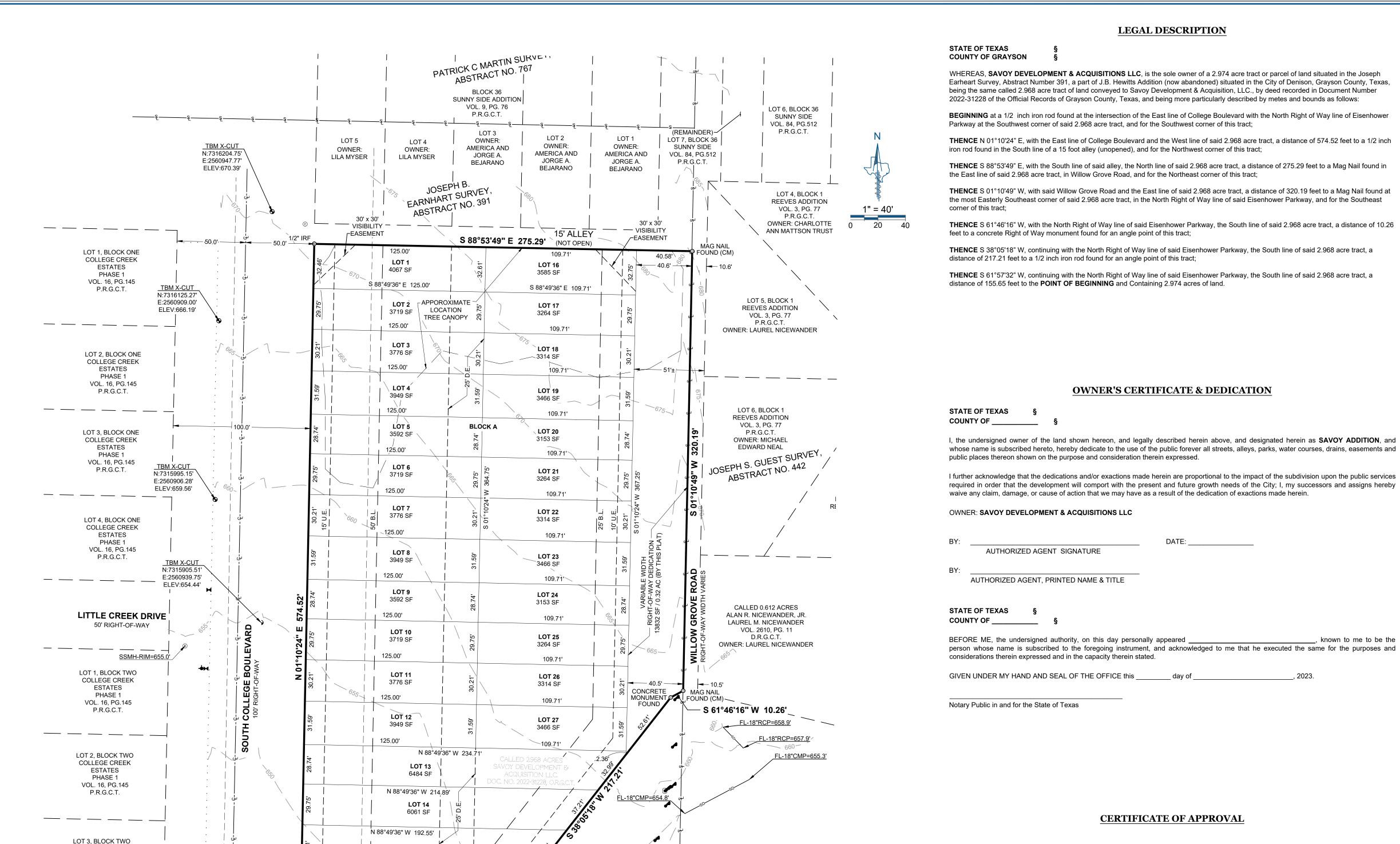
ELEV:643.99'

FL-18"RCP=641.0

GIVEN UNDER MY HAND AND SEAL OF THE OFFICE this , 2023.

Notary Public in and for the State of Texas

#### **LEGEND** = POINT OF BEGINNING Mail Box = DRAINAGE EASEMENT Water Mete Water Valve = PROPOSED BUILDING LINE Power Pole = SQUARE FEET Sanitary Manhole (CM) = CONTROLLING MONUMENT Sanitary Clean Out = IRON ROD FOUND Telecommunications Riser = CAPPED IRON ROD WITH GREEN PLASTIC CAP STAMPED "EAGLE Telecommunications Utility Mark SURVEYING" SET Atmos Utility Mark = MAG NAIL FOUND WITH WASHER = ACRES Subject Tract = INSTRUMENT NUMBER Lot Lines = UTILITY EASEMENT – — — Adjoiner Lines PLAT RECORDS Asphalt GRAYSON COUNTY, TEXAS —X——— Wire Fence DEED RECORDS. GRAYSON COUNTY, TEXAS Chain-Link Fence SUBJECT BOUNDARY LINE Overhead Utilities — — — EASEMENT — — Index Contours Concrete — — CENTERLINE



LOT 1X

11089 SF

(OPEN

SPACE LOT)

DETAIL A

(NOT TO SCALE)

**OWNER** 

Savoy Development

& Acquisitions LLC

6904 Rainwood Drive

Plano, TX 75024

**ENGINEER** 

Mobius Design LLC

7021 Strawberry Way

Fort Worth, Texas 76137

(817) 521-8577

Contact: Ian Norfolk, P.E

LOT 15

6314 SF

N 88°49'36" W 166.10'

EASEMENT

POB

N:7315606.86

RIGHT-OF-WAY

DEDICATION

150 SF / 0.003 AC

(BY THIS PLAT) SEE DETAIL A

**SURVEYOR** 

Eagle Surveying, LLC

Contact: Brad Eubanks

222 S. Elm Street, Suite: 200

Denton, TX 76201

(940) 222-3009

11089 SF

(OPEN SPACE LOT)

## **CERTIFICATE OF APPROVAL**

**LEGAL DESCRIPTION** 

**OWNER'S CERTIFICATE & DEDICATION** 

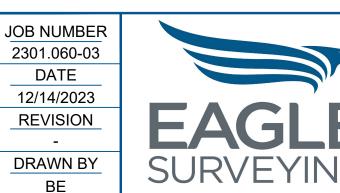
Approved for preparation of final plat ,2023 by the Planning & Zoning Commission of the City of Denison, Texas. \_\_\_\_\_

<b>LOT TABULATION TABLE</b>						
BLOCK A			BLOCK A			
LOT	AREA	USE		LOT	AREA	USE
1X	11,089	OPEN SPACE		14	6,061	RESIDENTIAL
1	4,067	RESIDENTIAL		15	6,314	RESIDENTIAL
2	3,719	RESIDENTIAL		16	3,585	RESIDENTIAL
3	3,776	RESIDENTIAL		17	3,264	RESIDENTIAL
4	3,949	RESIDENTIAL		18	3,314	RESIDENTIAL
5	3,592	RESIDENTIAL		19	3,466	RESIDENTIAL
6	3,719	RESIDENTIAL		20	3,153	RESIDENTIAL
7	3,776	RESIDENTIAL		21	3,264	RESIDENTIAL
8	3,949	RESIDENTIAL		22	3,314	RESIDENTIAL
9	3,592	RESIDENTIAL		23	3,466	RESIDENTIAL
10	3,719	RESIDENTIAL		24	3,153	RESIDENTIAL
11	3,776	RESIDENTIAL		25	3,264	RESIDENTIAL
12	3,949	RESIDENTIAL		26	3,314	RESIDENTIAL
13	6,484	RESIDENTIAL		27	3,466	RESIDENTIAL

**CASE NO. 2023-044PP** PRELIMINARY PLAT **SAVOY ADDITION** LOTS 1-27 & 1X, BLOCK A

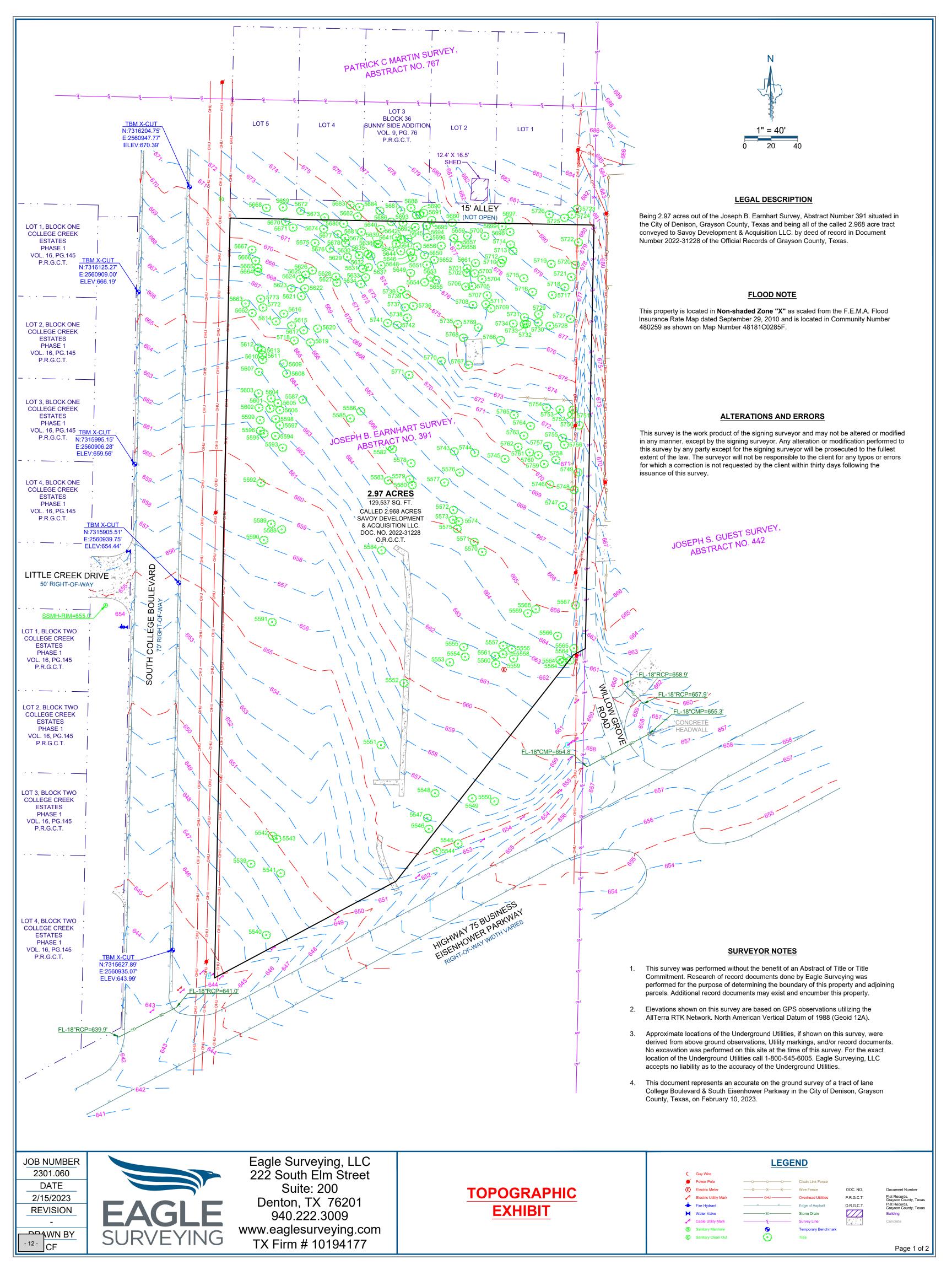
BEING 2.974 ACRES SITUATED IN THE JOSEPH B. EARNHART SURVEY, ABSTRACT No. 391, CITY OF DENISON, GRAYSON COUNTY, TEXAS

DATE OF PREPARATION: DECEMBER 14, 2023 PAGE 1 OF 1



Eagle Surveying, LLC

222 South Elm Street Suite: 200 Denton, TX 76201 940.222.3009 www.eaglesurveying.com TX Firm # 10194177



TREE TABLE		
ID No.	COMMON NAME	D.B.H.
5539	OAK	(INCHES) 24
5540	OAK	18
5541	CEDAR	14
5542	OAK	12
5543	OAK	20
5544 5545	OAK OAK	12 18
5546	CEDAR	10
5547	CEDAR	12
5548	CEDAR	12
5549	OAK	14
5550	OAK	20
5551	CEDAR	30
5552 5553	CEDAR OAK	8 30
5554	OAK	18
5555	OAK	14
5556	OAK	14
5557	OAK	22
5558	OAK	16
5559	OAK	20
5560	OAK	18
5561 5562	OAK CEDAR	18 10
5563	CEDAR	10
5564	OAK	18
5565	OAK	6
5566	CEDAR	10
5567	OAK	14
5568	OAK	12
5569 5570	OAK OAK	10 16
5571	OAK	14
5572	OAK	8
5573	CEDAR	12
5574	CEDAR	12
5575	CEDAR	18
5576	OAK	16
5577	OAK	8
5578 5579	OAK CEDAR	28 10
5580	OAK	24
5581	OAK	10
5582	CEDAR	8
5583	CEDAR	10
5584	CEDAR	24
5585	CEDAR	16
5586 5587	OAK OAK	20 16
5588	CEDAR	8
5589	CEDAR	14
5590	CEDAR	14
5591	OAK	10
5592	OAK	12
5593 5504	OAK HACKBERRY	12
5594 5595	OAK	12 16
5596	CEDAR	12
5597	CEDAR	8
5598	HACKBERRY	16
5599	OAK	16
5600	CEDAR	12
5601	CEDAR	12 6
5602 5603	OAK HACKBERRY	6 10
5604	CEDAR	12
5605	HACKBERRY	10
5606	CEDAR	8
5607	OAK	10
5608	CEDAR	10
5609	OAK	6
5610 5611	OAK CEDAR	8 10
5612	OAK	14
5613	OAK	10
5614	OAK	10
5615	CEDAR	10
	1	

	TREE TABLE	
ID No.	COMMON NAME	D.B.H.
5617	OAK	(INCHES) 8
5618	CEDAR	10
5619	CEDAR	10
5620	OAK	14
5621 5622	CEDAR	10
5623	CEDAR CEDAR	10
5624	CEDAR	12
5625	HACKBERRY	12
5626	CEDAR	12
5627 5628	CEDAR OAK	20 8
5629	CEDAR	8
5630	CEDAR	8
5631	ELM	16
5632	CEDAR	10
5633	CEDAR HACKBERRY	12 8
5634 5635	CEDAR	8
5636	CEDAR	8
5637	CEDAR	10
5638	CEDAR	10
5639	CEDAR	8
5640 5641	CEDAR CEDAR	8
5642	CEDAR	8
5643	CEDAR	8
5644	CEDAR	12
5645	CEDAR	10
5646	CEDAR	6
5647	CEDAR CEDAR	6 12
5648 5649	CEDAR	12
5650	CEDAR	10
5651	CEDAR	10
5652	CEDAR	10
5653	CEDAR	10
5654 5655	CEDAR PECAN	10 12
5656	CEDAR	10
5657	CEDAR	12
5658	OAK	12
5659	CEDAR	6
5660	CEDAR	12
5661 5662	OAK OAK	8 10
5663	OAK	8
5664	OAK	8
5665	CEDAR	8
5666	HACKBERRY	8
5667	OAK	8
5668 5669	HACKBERRY HACKBERRY	14 8
5670	CEDAR	12
5671	LOCUST	10
5672	CEDAR	12
5673	HACKBERRY	10
5674 5675	CEDAR CEDAR	14 Q
5676	HACKBERRY	8
5677	CEDAR	8
5678	CEDAR	10
5679	CEDAR	10
5680	CEDAR	8
5681 5682	CEDAR CEDAR	8 18
5683	OAK	22
5684	CEDAR	14
5685	CEDAR	8
5686	CEDAR	10
5687	CEDAR	10
5688 5689	CEDAR CEDAR	8
5690	CEDAR	10
5691	CEDAR	8
5692	CEDAR	8
5693	CEDAR	8
5694	OAK	10

	TREE TABLE	
ID No.	COMMON NAME	D.B.H.
5695	CEDAR	(INCHES)
5696	CEDAR	8
5697	CEDAR	24
5698	CEDAR	8
5699 5700	OAK HACKBERRY	8 10
5701	CEDAR	16
5702	CEDAR	8
5703	OAK	8
5704 5705	CEDAR CEDAR	10 10
5706	CEDAR	10
5707	CEDAR	10
5708	CEDAR	14
5709 5710	CEDAR CEDAR	12 12
5711	CEDAR	8
5712	OAK	6
5713	CEDAR	12
5715	CEDAR	14
5716 5717	CEDAR CEDAR	8
5718	OAK	36
5719	CEDAR	10
5720	OAK	30
5721 5722	CEDAR HACKBERRY	8 10
5723	OAK	12
5724	CEDAR	14
5725	OAK	14
5726 5727	CEDAR OAK	14 10
5728	CEDAR	8
5729	CEDAR	12
5730	CEDAR	10
5731	CEDAR	10
5732 5733	CEDAR CEDAR	10 10
5734	CEDAR	12
5735	OAK	8
5736	CEDAR	12
5737 5738	CEDAR OAK	12 30
5739	OAK	8
5740	CEDAR	10
5741	CEDAR	12
5742	CEDAR	8
5743 5744	CEDAR CEDAR	16 12
5745	CEDAR	14
5746	CEDAR	14
5747	CEDAR	18
5748 5749	CEDAR OAK	16 28
5750	OAK	28
5751	OAK	16
5752	OAK	8
5753 5754	CEDAR CEDAR	8
5755	CEDAR	10
5756	CEDAR	10
5757	CEDAR	10
5758 5759	CEDAR CEDAR	10 10
5760	CEDAR	8
5761	CEDAR	10
5762	CEDAR	12
5763	CEDAR	8
5764 5765	CEDAR CEDAR	14 12
5766	OAK	20
5767	CEDAR	8
5768	HACKBERRY	10
5769 5770	CEDAR BOIS D' ARC	14 36
5771	OAK	12
5772	OAK	24
5773	CEDAR	12



5616

CEDAR

## Planning and Zoning Commission Meeting Staff Report



#### **Agenda Item**

Receive a report, hold a discussion, and take action on a Site Plan for Lot 2R, Block B of The Rosemary. (Case No. 2023-096SP).

#### **Staff Contact**

Dianne York, Planner dyork@cityofdenison.com 903-465-2720

#### **Summary**

- The applicant is requesting approval of the proposed Site Plan.
- Property is zoned Planned Development.
- The proposed Site Plan consists of residential uses.

#### **Staff Recommendation**

Staff recommends approval of the Site Plan as submitted.

#### **Recommended Motion**

"I move to approve the Site Plan for Lot 2R, Block B of The Rosemary."

#### **Background Information and Analysis**

The applicant is requesting approval of the proposed Site Plan for Lot 2R, Block B of The Rosemary development. The property is zoned Planned Development (PD) per Ordinance No. 5172. The Rosemary will include eight (8) apartment buildings consisting of a total of one hundred and seventy-six (176) units and twelve (12) duplex buildings consisting of twenty-two (22) units. A clubhouse, pool and gazebo will make up an amenity area for the residents of the apartment buildings. Access to the development is provided via Viking Street located on the north side of the property. A second point of access for emergency personnel only is located at the southeast corner of the property and accessed via S. Lillis Lane. The duplex units front on Lillis Lane; however, no drive access is provided. Lead walks will be constructed per the Planned Development providing the duplex units access to the sidewalk located along S. Lillis Lane. The apartment units will be located within the interior of the development.

**Façade Plans** – The façade plans are provided with this submittal. The structures will consist of brick veneer and board and batten siding.

**Landscape/Screening** – In addition to the minimum landscape requirements listed within Section 28.51., the Planned Development requires a fifteen (15) foot wide landscape strip along S. Lillis Lane and Viking Street with trees 2" caliper in size planted within this landscape easement. The Landscape Plan depicts these requirements. Screening meets the minimum standards listed within the Planned Development and Section 28.53.

**Parking** – The proposed Site Plan provided a total of 354 parking spaces, which is compliant with the Planned Development standards and Section 28.50.6. of the zoning code.

#### The Site Plan standards of approval, as listed in 28.13.16. are as follows:

1. Conformance with the zoning ordinance and other applicable regulations and previously approved, valid plans for the property.

This property is zoned Planned Development with a base zoning of MF-2, Multi-Family Residential. The proposed Site Plan meets regulations and standards detailed in the Planned Development and MF-2, Multi-Family Residential zoning ordinance.

2. The design and location of off-street parking and loading facilities to ensure that all such spaces are usable and are safely and conveniently arranged.

Off-street parking requirements are adequately met and detailed on the proposed Site Plan.

3. The width, grade and location of street designed to accommodate prospective traffic and to provide access for firefighting and emergency equipment to buildings.

The proposed layout of parking and driveways will not impede the circulation of traffic.

4. The use of landscaping and screening to provide adequate buffers to shield lights, noise, movement or activities from adjacent properties when necessary, and to complement the design and location of buildings and be integrated into the overall site design.

The proposed landscaping is compliant with the Planned Development Ordinance and City Ordinance and is compatible with the design and location of the building.

5. The location, size, and configuration of open space areas to ensure they are suitable for intended recreation and conservation uses.

The proposed open space and trail areas are compliant with the requirements listed within the Planned Development Ordinance.

6. The adequacy of streets, water, drainage, sewerage facilities, garbage disposal and other utilities necessary for essential services to residents and occupants.

Streets, water, drainage, sewerage facilities and other utility/infrastructure needs can be met at the proposed site.

7. Consistency with the Comprehensive Plan.

This project is compliant with the Comprehensive Plan.

#### **Financial Considerations**

N/A

#### **Prior Board or Council Action**

City Council approved Ordinance No. 5172, zoning the property Planned Development at their meeting held on November 1<sup>st</sup>, 2021.

### Alternatives

The Planning and Zoning Commission may deny or approve with conditions.

### **Aerial of Subject Property**

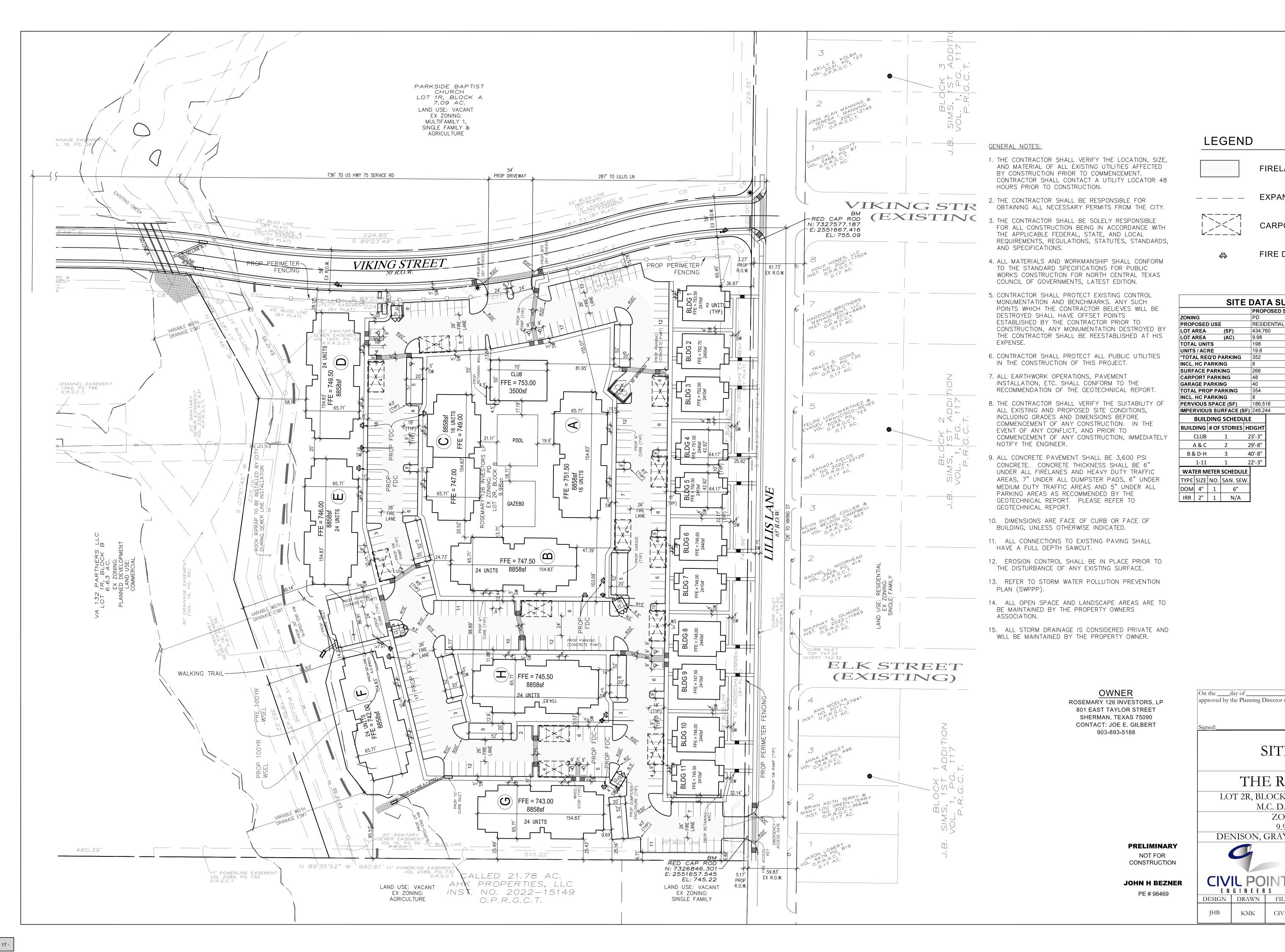


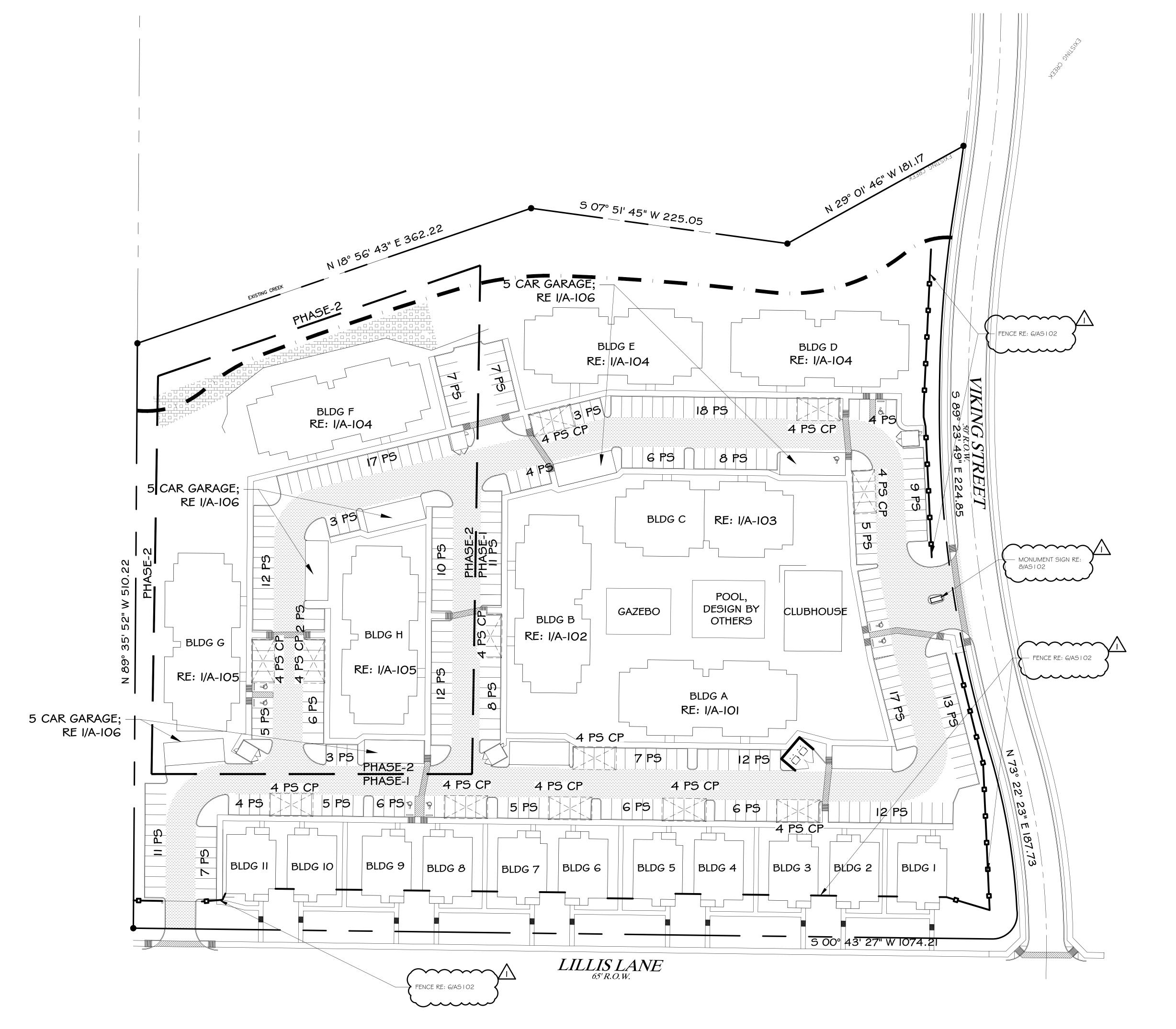
## **Zoning of Subject Property**



CIVIL

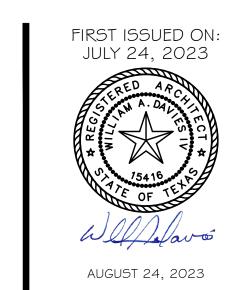
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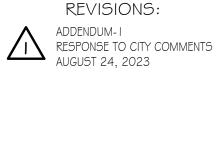




- 18 -









305 WEST WILLIS STREET SUITE 101 LEANDER, TEXAS 78641 PHONE: 512.259.4175 WWW.DFDARCH.COM

ROSEMARY APARTMENTS

PROJECT LOCATION:
DENISON, TEXAS

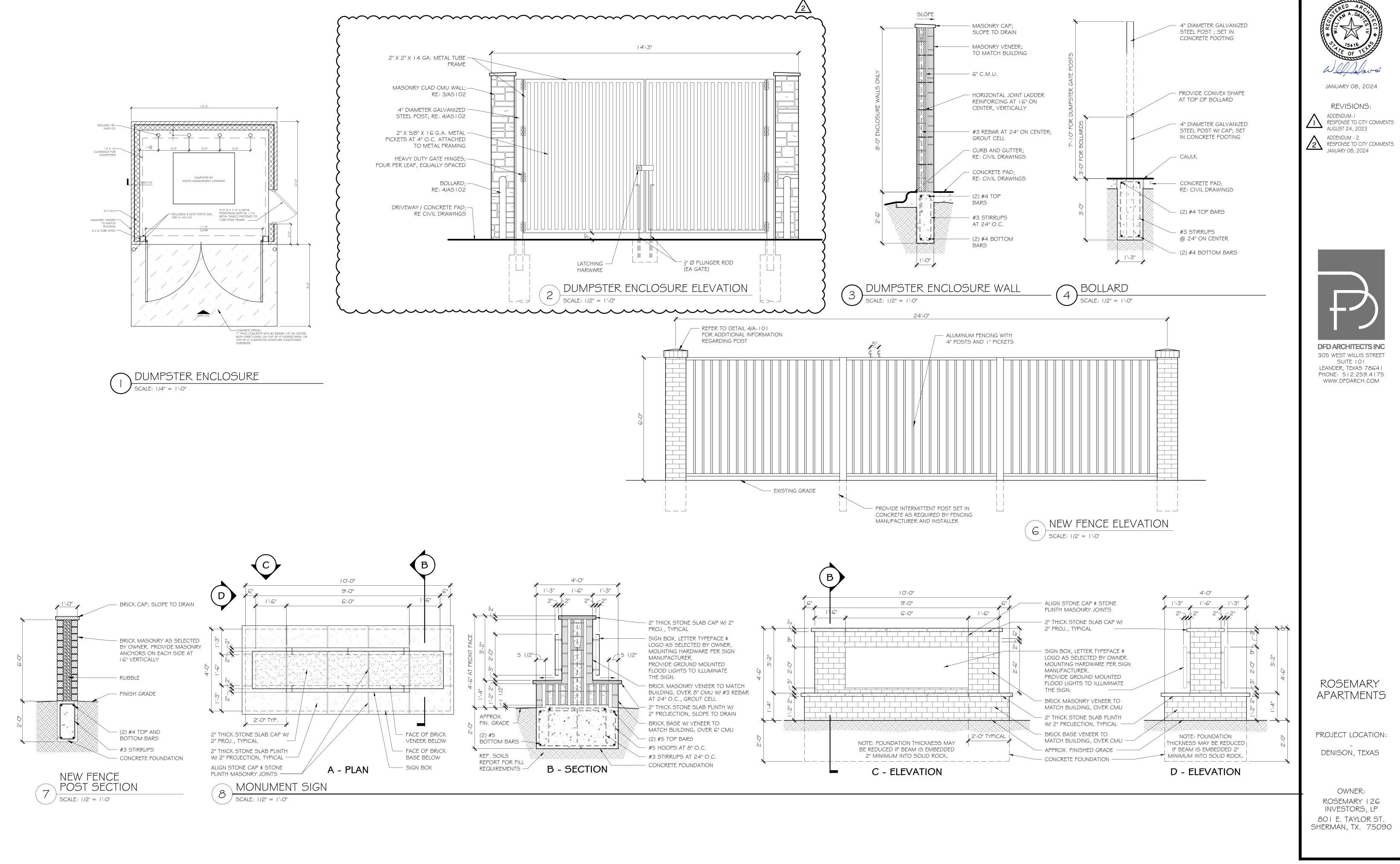
OWNER:

ROSEMARY 126
INVESTORS, LP

801 E. TAYLOR ST.
SHERMAN, TX. 75090

SITE PLAN

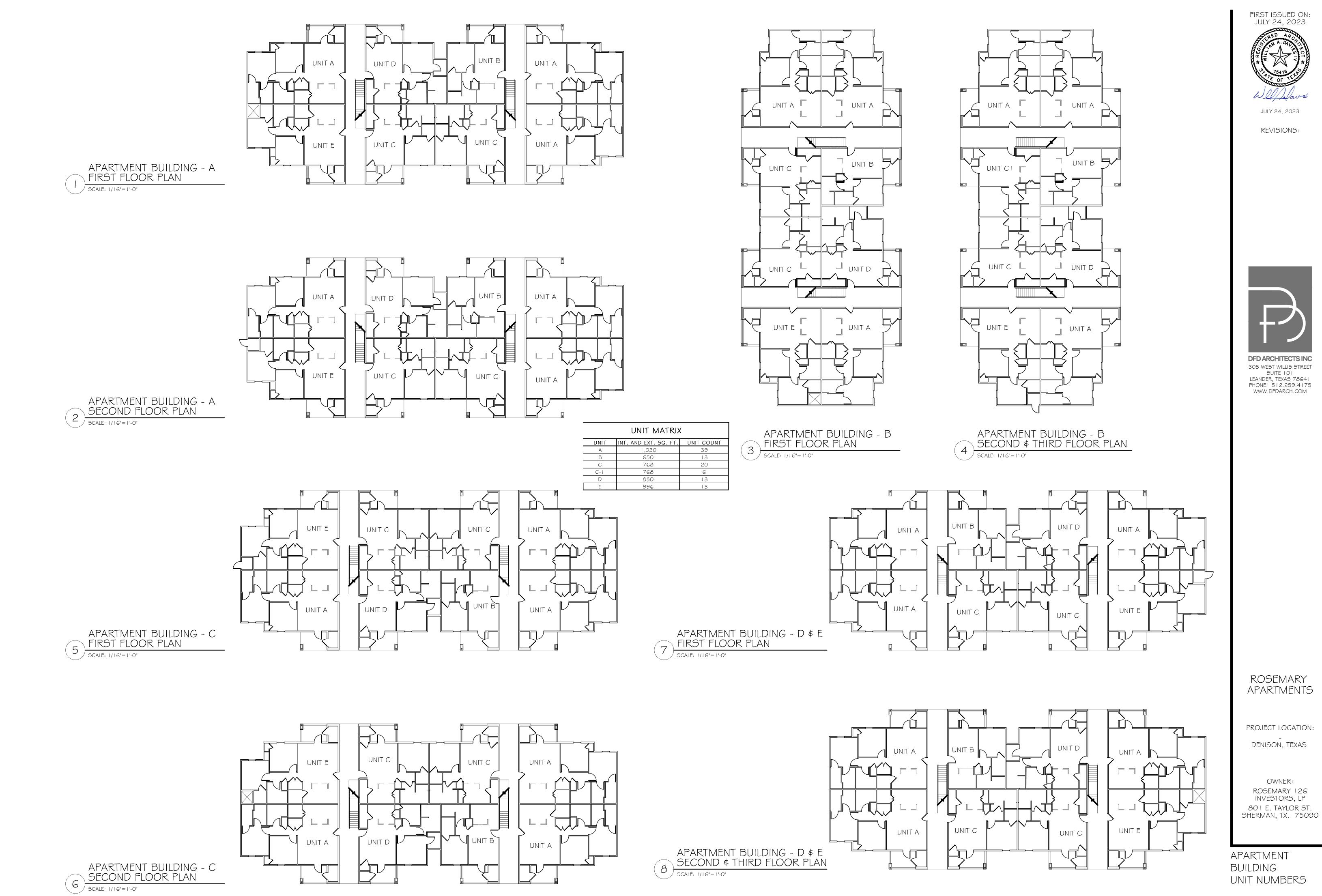
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- 19 -

SITE DETAILS

FIRST ISSUED ON: JULY 24, 2023



- 20 -

## FLOOR PLAN GENERAL NOTES

- I. DO NOT SCALE THESE DRAWINGS. IN THE EVENT OF ERROR OR OMISSION, CONTACT THE ARCHITECT FOR CLARIFICATION.
- 2. ALL DIMENSIONS ARE TO FACE OF WOOD FRAMING; UNLESS NOTED
- 3. ALL ANGLED WALLS TO BE 45 DEGREES; UNLESS NOTED OTHERWISE.
- 4. WINDOW AND DOOR JAMBS SHALL BE PLACED A STANDARD 4" FROM ABUTTING PARTITION; UNLESS DIMENSIONED OTHERWISE. CONTRACTOR SHALL COORDINATE ROUGH OPENINGS WITH FRAME DIMENSIONS.
- 5. REFER TO A-100 FLOOR PLANS AND A-501 DOOR AND WINDOW TYPES, FOR DOOR AND WINDOW SIZES AND LOCATIONS.
- 6. PROVIDE TEMPERED GLASS WHERE REQUIRED.
- 7. ALL SUB-CONTRACTORS TO VERIFY ALL DIMENSIONS AND ACTUAL FIELD CONDITIONS WITH PLANS. REPORT AND VARIATIONS TO BUILDER AND ARCHITECT IMMEDIATELY.
- 8. FOUNDATION CONTRACTOR COMPARE FOUNDATION PLANS FROM STRUCTURAL ENGINEER TO ARCHITECTURAL PLANS. ANY DISCREPANCY TO BE REPORTED TO BUILDER AND ARCHITECT. THESE PLANS SHALL OVERRULE THE FOUNDATION PLANS IN TERMS OF LAYOUT, DIMENSIONS AND BRICK LEDGES.
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SCALE: 1/8"=1'-0"

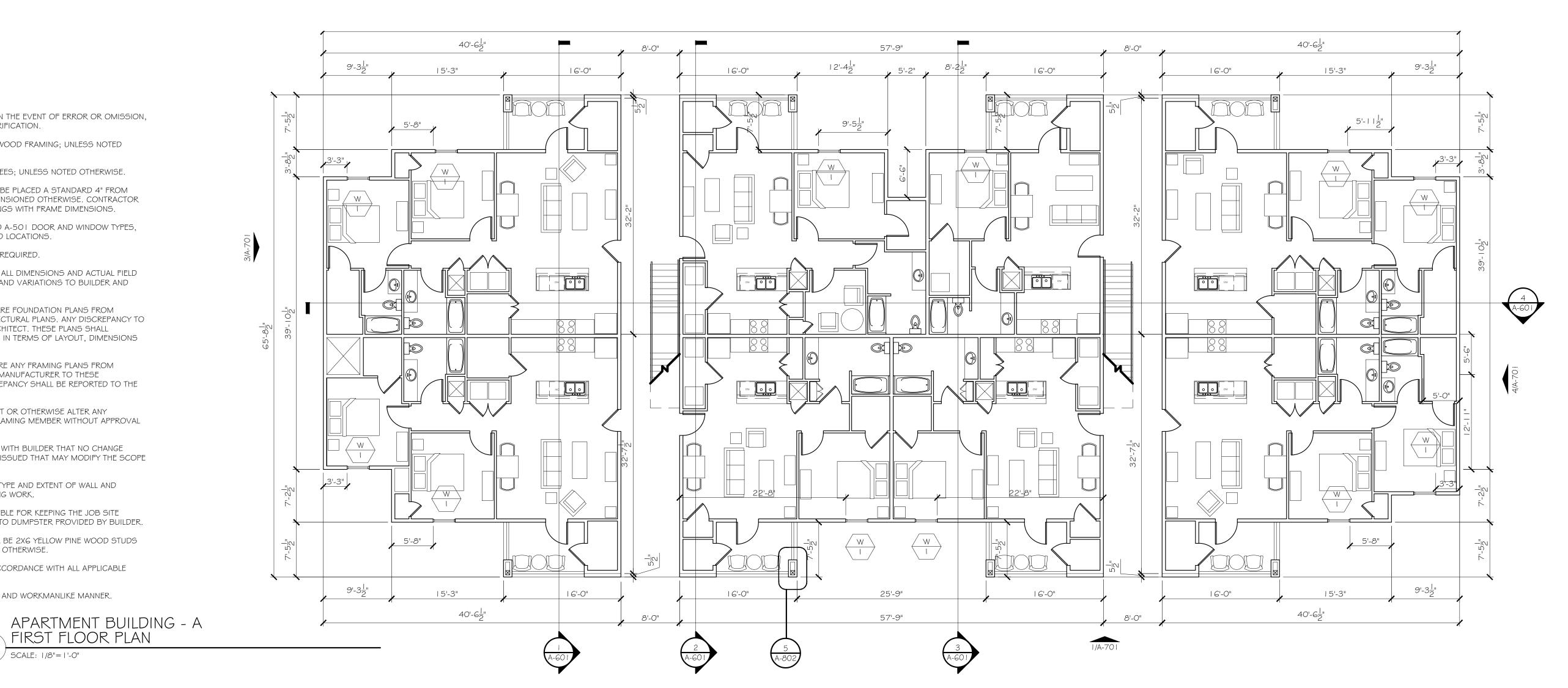
APARTMENT BUILDING - A

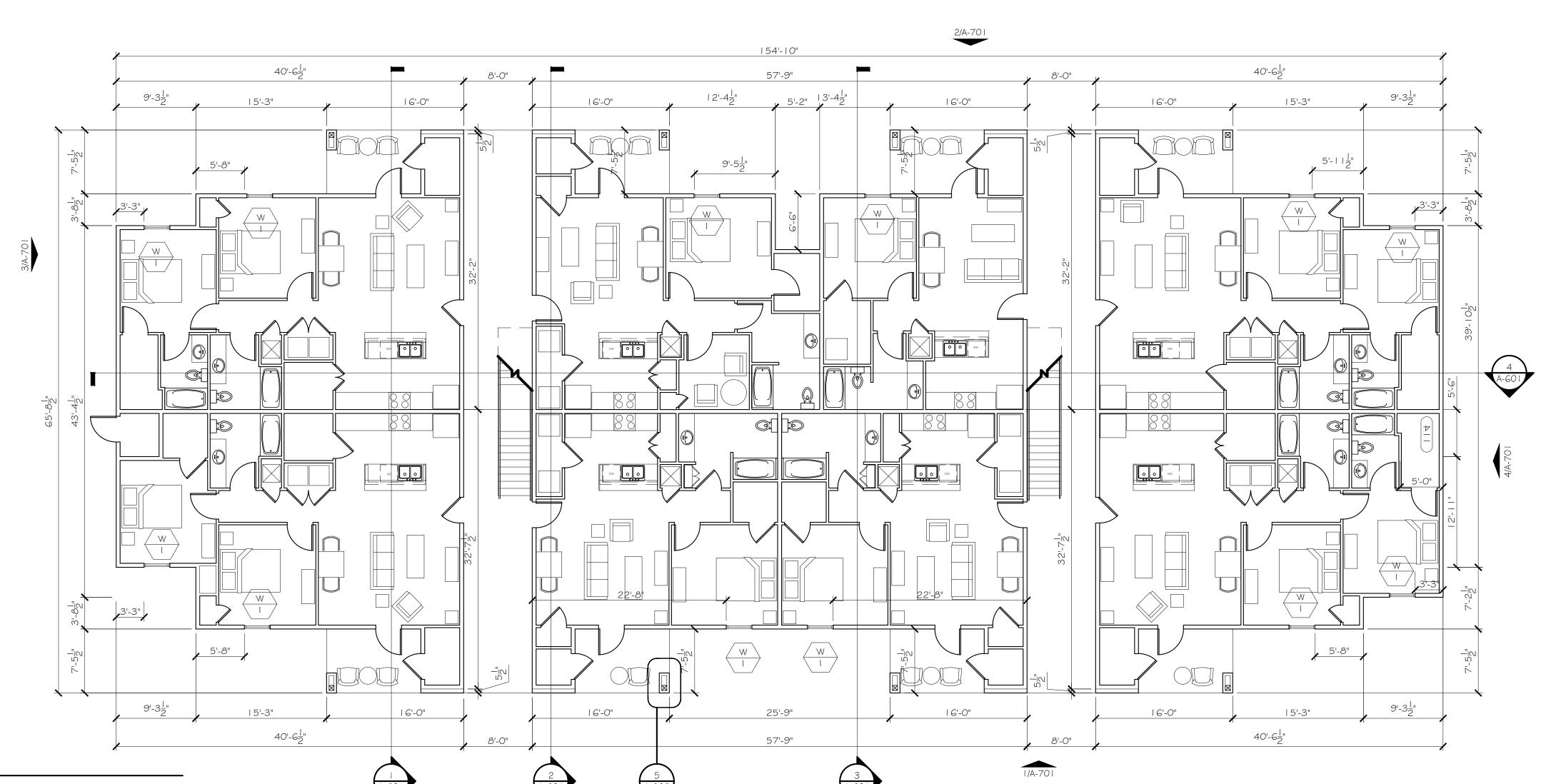
SECOND FLOOR PLAN

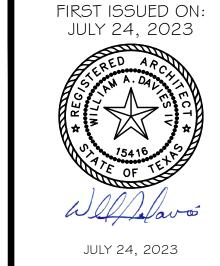
SCALE: 1/8"=1'-0"

- 21 -

- 15. ALL WORK PREFORMED TO BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
- I 6. ALL WORK TO BE DONE IN A TIMELY AND WORKMANLIKE MANNER.







**REVISIONS:** 



DFD ARCHITECTS INC 305 WEST WILLIS STREET SUITE 101 LEANDER, TEXAS 78641 PHONE: 512.259.4175 WWW.DFDARCH.COM

ROSEMARY APARTMENTS

PROJECT LOCATION: DENISON, TEXAS

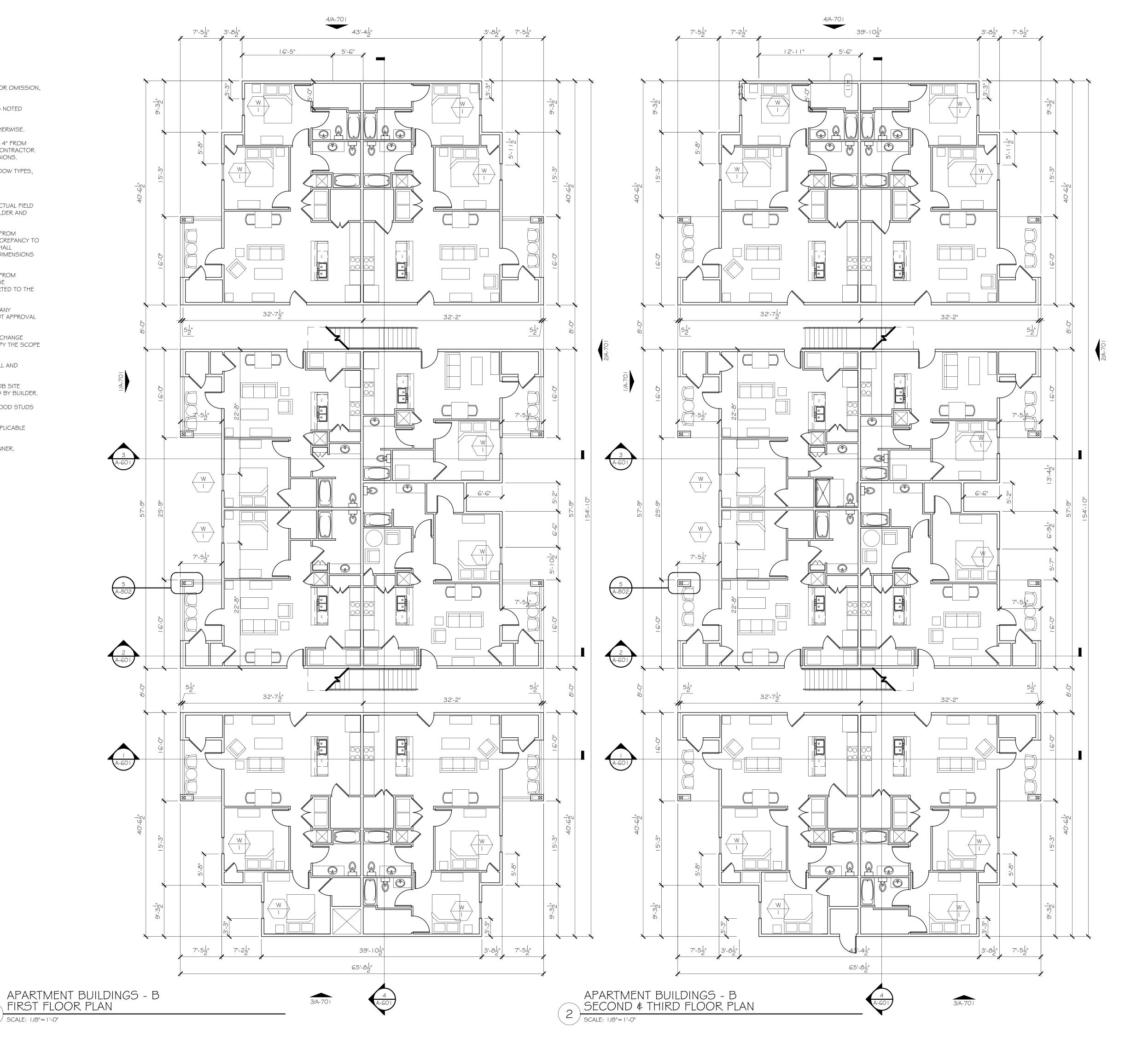
OWNER: ROSEMARY 126 INVESTORS, LP 801 E. TAYLOR ST. SHERMAN, TX. 75090

FLOOR PLANS (A)

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- 22 -





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ROSEMARY APARTMENTS

PROJECT LOCATION:
DENISON, TEXAS

OWNER:

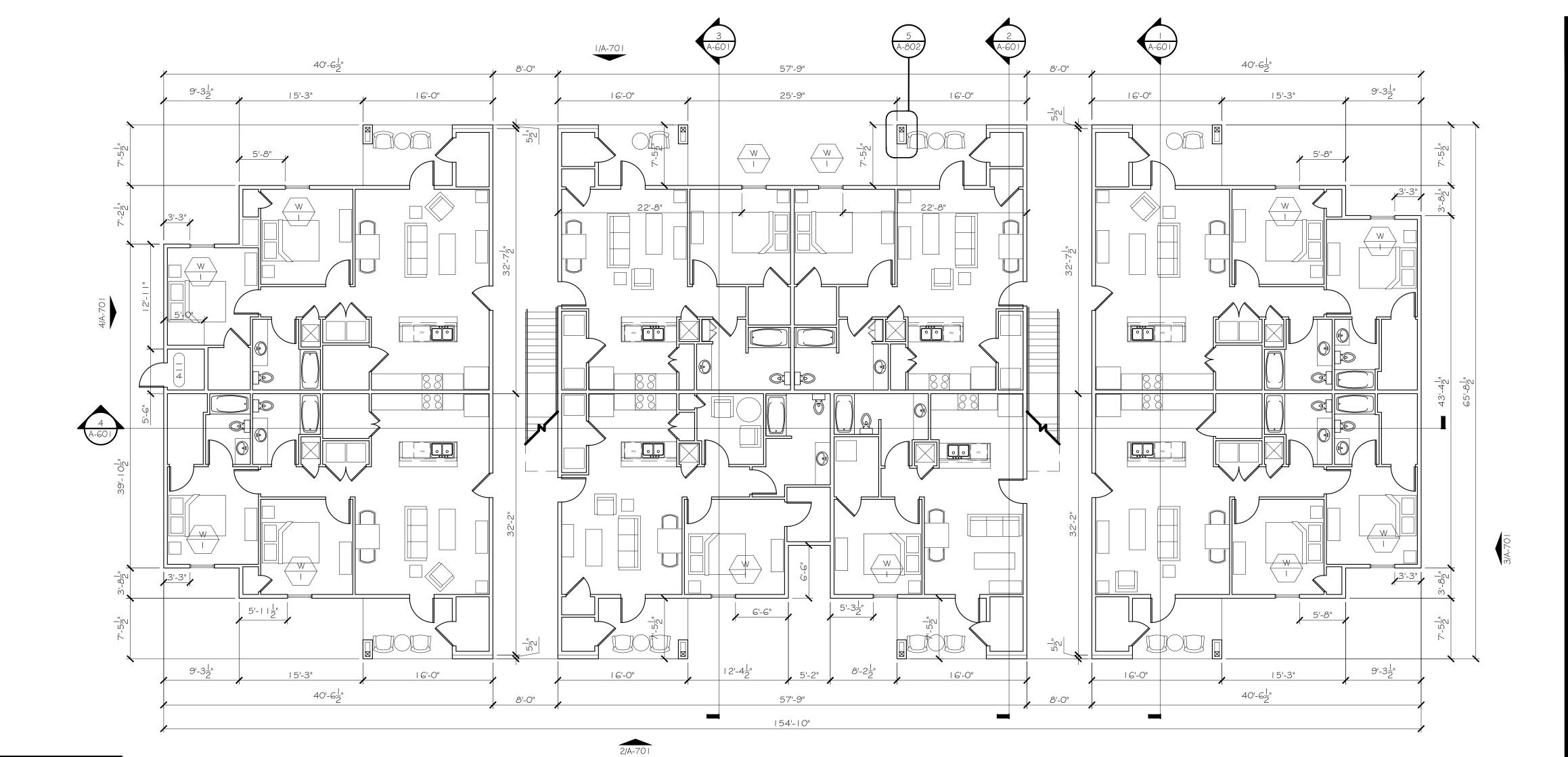
ROSEMARY 126
INVESTORS, LP

801 E. TAYLOR ST.
SHERMAN, TX. 75090

FLOOR PLANS (B)



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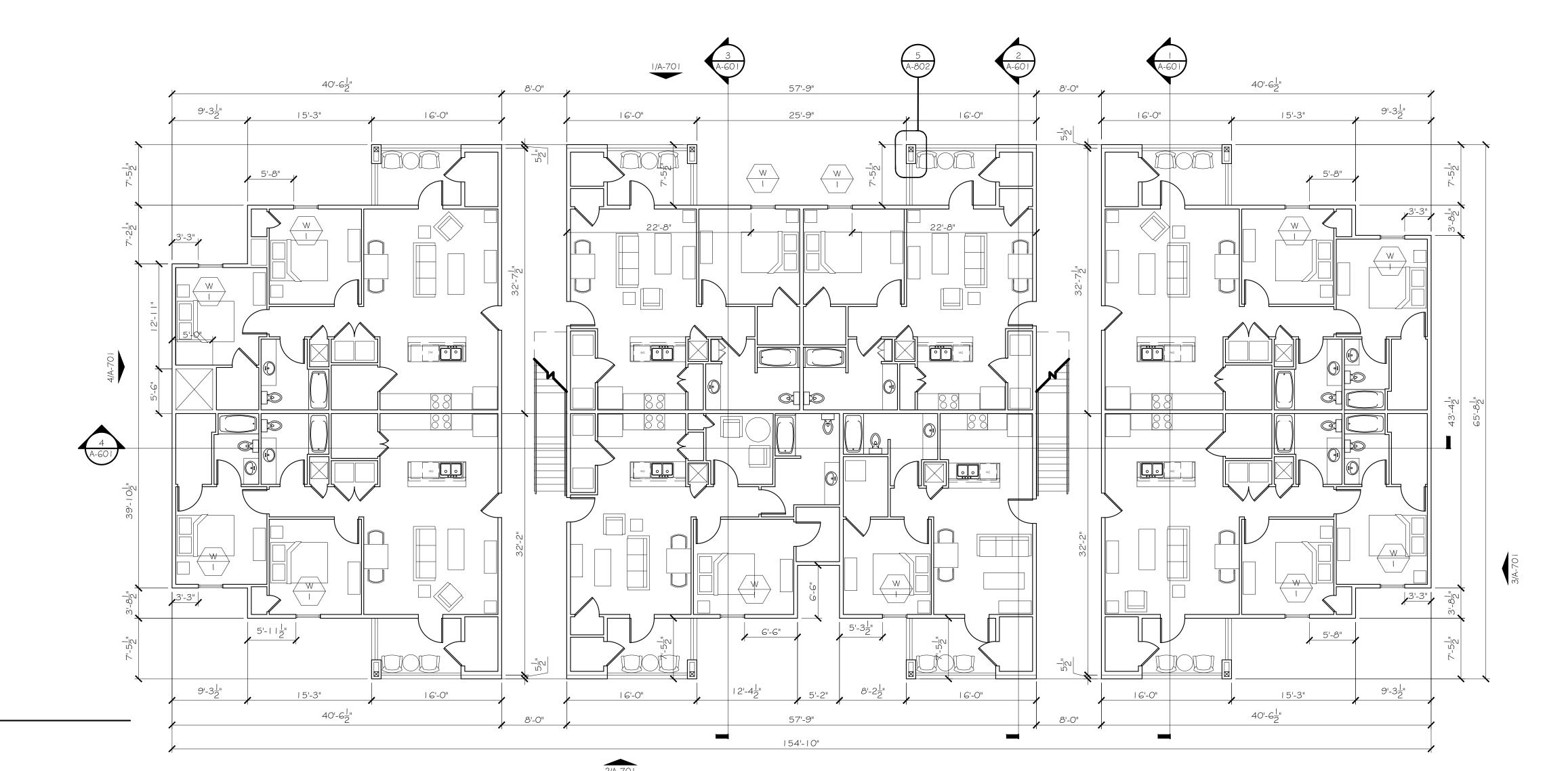


APARTMENT BUILDING - C FIRST FLOOR PLAN SCALE: 1/8"= 1'-0"

APARTMENT BUILDING - C SECOND FLOOR PLAN

SCALE: 1/8"=1'-0"

- 23 -



JULY 24, 2023

JULY 24, 2023

**REVISIONS:** 

FIRST ISSUED ON:



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305 WEST WILLIS STREET
SUITE 101
LEANDER, TEXAS 78641
PHONE: 512.259.4175
WWW.DFDARCH.COM

ROSEMARY APARTMENTS

PROJECT LOCATION:

DENISON, TEXAS

OWNER:

ROSEMARY 126
INVESTORS, LP

801 E. TAYLOR ST.
SHERMAN, TX. 75090

FLOOR PLANS (C)



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SCALE: 1/8"=1'-0"

APARTMENT BUILDING - D-E SECOND & THIRD FLOOR PLAN

2 SCALE: 1/8"= 1'-0"

- 24 -

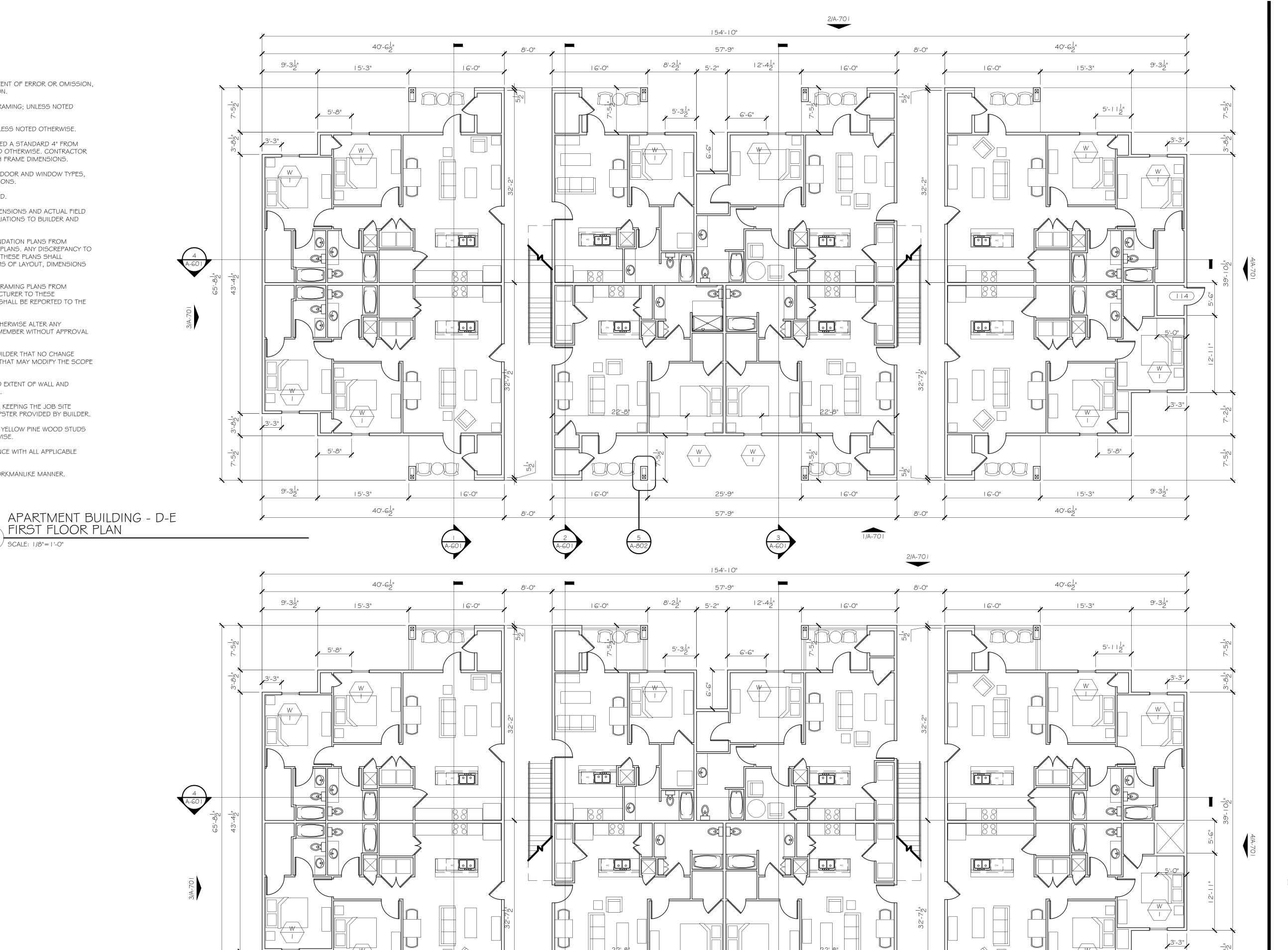
5'-8"

15'-3"

40'-6<del>1</del>"

9'-3<u>|</u>"

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25'-9"

57'-9"

16'-0"

8'-0"

1/A-701



JULY 24, 2023 **REVISIONS:** 



DFD ARCHITECTS INC 305 WEST WILLIS STREET SUITE 101 LEANDER, TEXAS 78641 PHONE: 512.259.4175 WWW.DFDARCH.COM

ROSEMARY APARTMENTS

PROJECT LOCATION: DENISON, TEXAS

OWNER: ROSEMARY 126 INVESTORS, LP 801 E. TAYLOR ST. SHERMAN, TX. 75090

FLOOR PLANS (D-E)

5'-8"

40'-6<del>|</del>"

9'-3<u>1</u>"

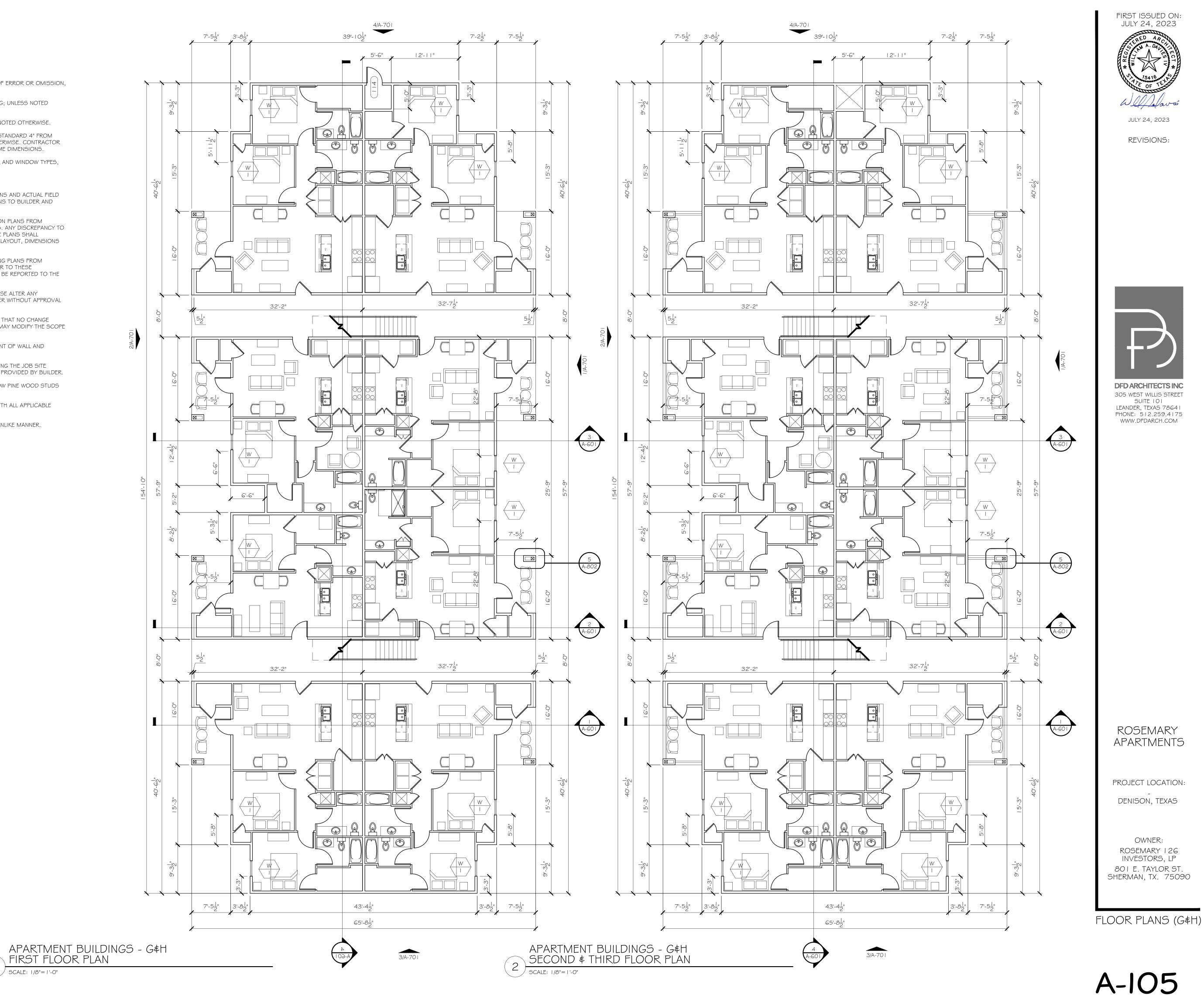
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SCALE: 1/8"=1'-0"

- 25 -

16. ALL WORK TO BE DONE IN A TIMELY AND WORKMANLIKE MANNER.



A-105

ROSEMARY APARTMENTS

PROJECT LOCATION:

DENISON, TEXAS

OWNER:

ROSEMARY 126 INVESTORS, LP

801 E. TAYLOR ST. SHERMAN, TX. 75090

FIRST ISSUED ON: JULY 24, 2023

JULY 24, 2023

**REVISIONS:** 

DFD ARCHITECTS INC

305 WEST WILLIS STREET SUITE 101

LEANDER, TEXAS 78641

PHONE: 512.259.4175 WWW.DFDARCH.COM



**REVISIONS:** 



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LEANDER, TEXAS 78641

ROSEMARY APARTMENTS

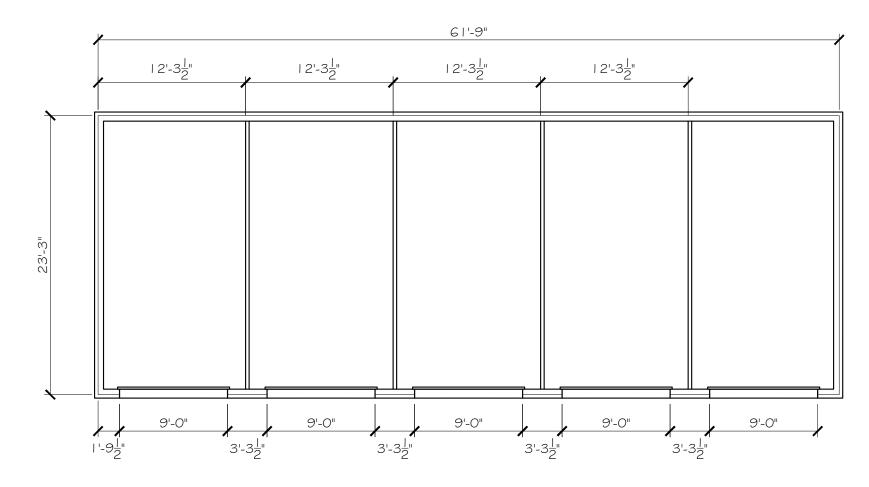
PROJECT LOCATION: DENISON, TEXAS

OWNER: ROSEMARY 126 INVESTORS, LP 801 E. TAYLOR ST. SHERMAN, TX. 75090

RESIDENT GARAGE PLANS

## FLOOR PLAN GENERAL NOTES

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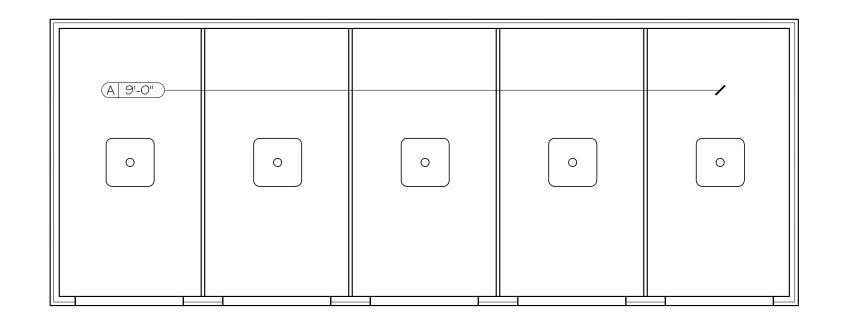
RESIDENT GARAGE FLOOR PLAN SCALE: 1/8"=1'-0"

## CEILING TYPE LEGEND TYPE DESCRIPTION PAINTED GYPSUM BOARD EXAMPLE = CEILING TYPE A (PAINTED GYPSUM BOARD) AT 9'-0" AFF

## CELING PLAN GENERAL NOTES

- 26 -

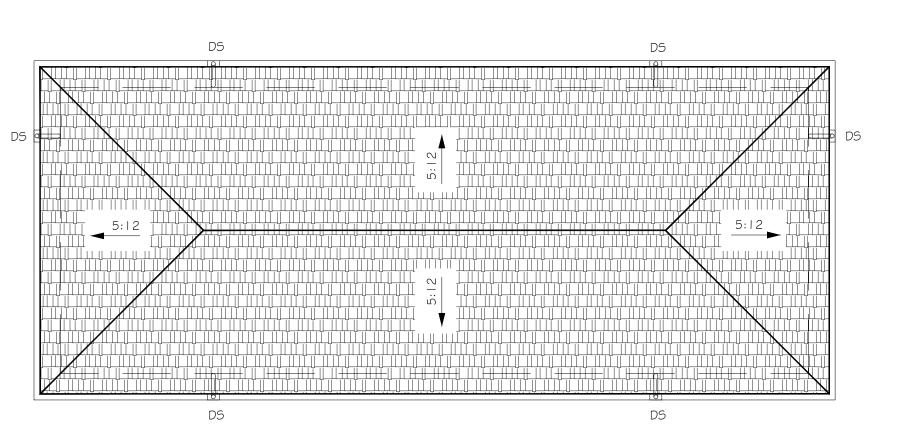
- I. LIGHT FIXTURES ARE TO BE CENTERED WITHIN EACH ROOM/SPACE, UNLESS NOTED OTHERWISE.
- 2. PROVIDE GYPSUM BOARD CONTROL JOINTS AT A SPACING LAYOUT NOT TO EXCEED 30'-0" O.C.



RESIDENT GARAGE REFLECTED CEILING PLAN

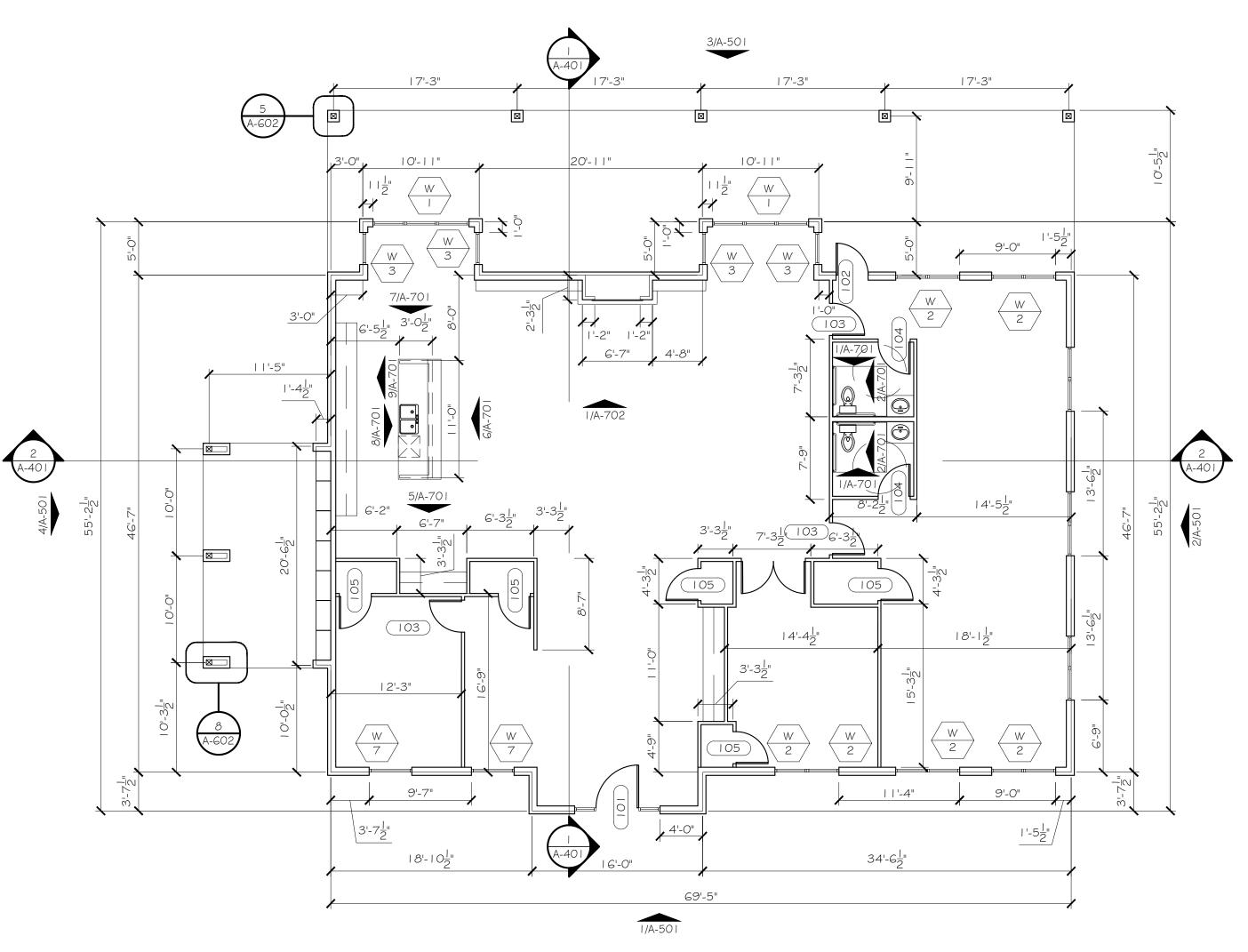
## ROOF PLAN GENERAL NOTES

- I. ALL ROOFING TO BE ASPHALT SHINGLES; UNLESS
- NOTED OTHERWISE. 2. PLATE HEIGHT IS 10'-0"; UNLESS NOTED OTHERWISE
- 3. ROOF SLOPE IS 5:12; UNLESS NOTED OTHERWISE.
- 4. INSTALL RIDGE, GUTTERS, HIP, VALLEY, FLASHING, AND ROOFING PER MANUFACTURER.
- 5. GUTTERS AND DOWNSPOUTS SHALL BE INSTALLED THROUGHOUT. SPACING OF DOWNSPOUTS SHALL NOT EXCEED APPROXIMATELY 25 FEET. A CONCRETE SPLASH BLOCK SHALL BE PROVIDED FOR EACH DOWNSPOUT.
- 6. LOCATE ALL ROOF PENETRATIONS AND EQUIPMENT AWAY FROM HIGHLY VISIBLE AREAS TO GREATEST EXTENT POSSIBLE.
- 7. REFER TO MEP DRAWINGS FOR EXACT EQUIPMENT SIZES AND LOCATIONS.
- 8. DS = DOWNSPOUT



RESIDENT GARAGE ROOF PLAN

SCALE: 1/8" = 1'-0"



CEILING TYPE LEGEND DESCRIPTION PAINTED GYPSUM BOARD CEMENTITIOUS SOFFIT PANELS CEMENTITIOUS CLAD BEAM | EXAMPLE = CEILING TYPE A PAINTED GYPSUM BOARD) AT 9'-0" AFF

CEILING FIXTURE LEGEND		
SYMBOL	DESCRIPTION	
$\boxtimes$	LED DECORATIVE LIGHT	
0	LED DOWNLIGHT	
•	LED PENDANT LIGHT	
•	LED WALL WASHER DOWNLIGHT	
0	OVERHEAD DOOR OPENER (W/ LIGHT KIT)	
	LED VANITY LIGHT	
<b>○</b> +	LED WALL SCONCE	
	CEILING FAN (WITH LIGHT KIT)	
	CEILING FAN (WITHOUT LIGHT KIT)	
	EXHAUST AIR GRILLE	
	ATTIC ACCESS HATCH	

NOTE: NOT ALL SYMBOLS USED IN ALL DRAWINGS

## CELING PLAN GENERAL NOTES

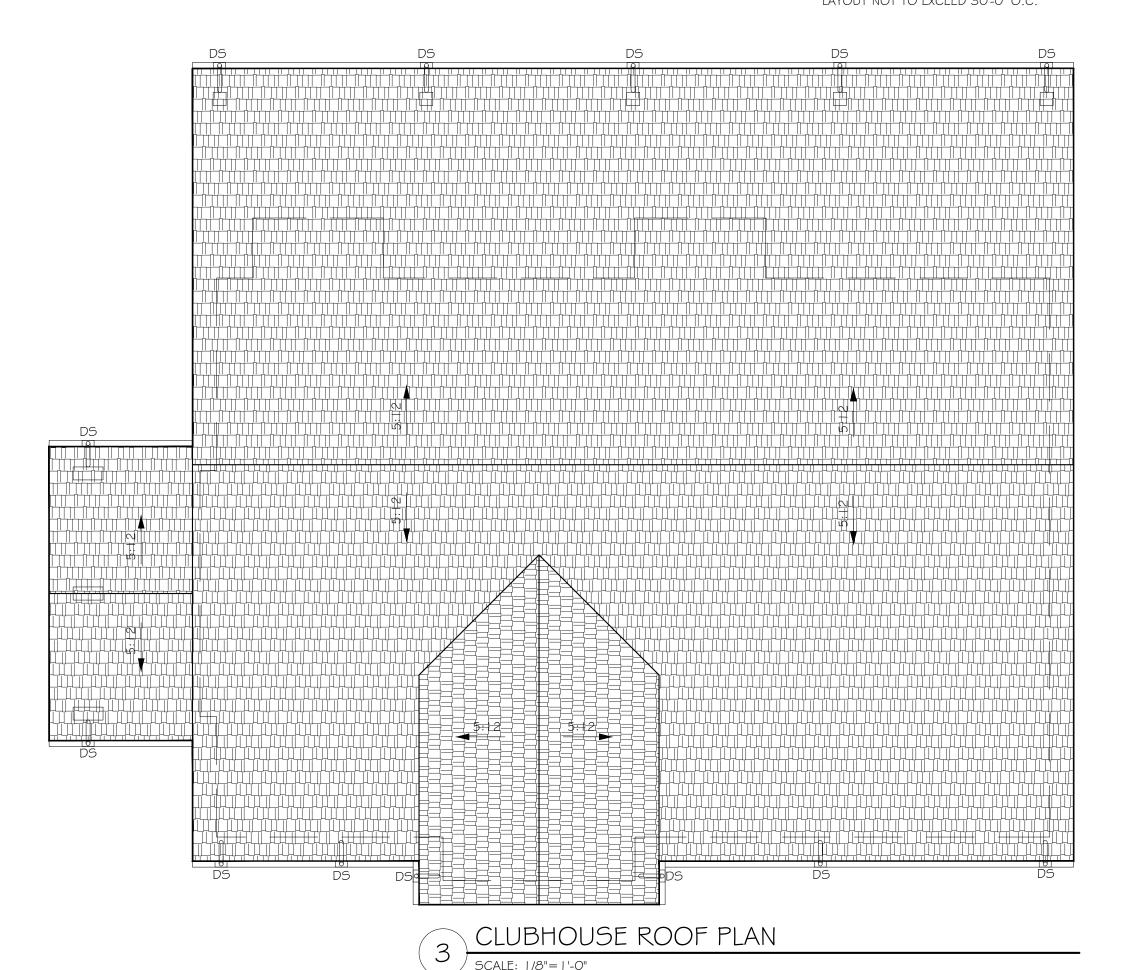
- I. ALL CEILING HEIGHTS ARE 10'-0" PAINTED GYPSUM BOARD, UNLESS NOTED OTHERWISE.
- 2. LIGHT FIXTURES ARE TO BE CENTERED WITHIN EACH ROOM/SPACE, UNLESS NOTED OTHERWISE.
- 3. VANITY LIGHT FIXTURES TO BE MOUNTED AT 6'-9" TO THE CENTER OF FIXTURE, UNLESS NOTED OTHERWISE.
- 4. EXTERIOR WALL SCONCES TO BE MOUNTED AT 6'-8" AFF TO
- THE CENTER OF FIXTURE, UNLESS NOTED OTHERWISE. 5. PROVIDE GYPSUM BOARD CONTROL JOINTS AT A SPACING

CLUBHOUSE REFLECTED CEILING PLAN SCALE: 1/8"=1'-0"

## CLUBHOUSE FLOOR PLAN SCALE: 1/8"=1'-0"

## FLOOR PLAN GENERAL NOTES

- I. DO NOT SCALE THESE DRAWINGS. IN THE EVENT OF ERROR OR OMISSION, CONTACT THE ARCHITECT FOR CLARIFICATION.
- 2. ALL DIMENSIONS ARE TO FACE OF WOOD FRAMING; UNLESS NOTED OTHERWISE.
- 3. ALL ANGLED WALLS TO BE 45 DEGREES; UNLESS NOTED OTHERWISE.
- 4. WINDOW AND DOOR JAMBS SHALL BE PLACED A STANDARD 4" FROM ABUTTING PARTITION; UNLESS DIMENSIONED OTHERWISE. CONTRACTOR SHALL COORDINATE ROUGH OPENINGS WITH FRAME DIMENSIONS.
- 5. REFER TO A-100 FLOOR PLANS AND A-300 DOOR AND WINDOW TYPES, FOR DOOR AND WINDOW SIZES AND LOCATIONS.
- 6. PROVIDE TEMPERED GLASS WHERE REQUIRED.
- 7. ALL SUB-CONTRACTORS TO VERIFY ALL DIMENSIONS AND ACTUAL FIELD CONDITIONS WITH PLANS. REPORT AND VARIATIONS TO BUILDER AND ARCHITECT IMMEDIATELY.
- 8. FOUNDATION CONTRACTOR COMPARE FOUNDATION PLANS FROM STRUCTURAL ENGINEER TO ARCHITECTURAL PLANS. ANY DISCREPANCY TO BE REPORTED TO BUILDER AND ARCHITECT. THESE PLANS SHALL OVERRULE THE FOUNDATION PLANS IN TERMS OF LAYOUT, DIMENSIONS AND BRICK LEDGES.
- 9. FRAMING CONTRACTOR TO COMPARE ANY FRAMING PLANS FROM STRUCTURAL ENGINEER OR TRUSS MANUFACTURER TO THESE ARCHITECTURAL PLANS. ANY DISCREPANCY SHALL BE REPORTED TO THE BUILDER.
- 10. SUB-CONTRACTORS SHALL NOT CUT OR OTHERWISE ALTER ANY PREFABRICATED OR ENGINEERED FRAMING MEMBER WITHOUT APPROVAL OF BUILDER.
- II. ALL SUB-CONTRACTORS TO VERIFY WITH BUILDER THAT NO CHANGE ORDER OR ADDENDUM HAVE BEEN ISSUED THAT MAY MODIFY THE SCOPE OF WORK ON THESE PLANS.
- 12. DRYWALL CONTRACTOR TO VERIFY TYPE AND EXTENT OF WALL AND CEILING TEXTURE PRIOR TO STARTING WORK.
- 13. SUB-CONTRACTORS ARE RESPONSIBLE FOR KEEPING THE JOB SITE CLEAN. REMOVE ALL TRASH DAILY TO DUMPSTER PROVIDED BY BUILDER.
- 14. ALL EXTERIOR WALL FRAMING SHALL BE 2X6 YELLOW PINE WOOD STUDS AT 16" ON CENTER; UNLESS NOTED OTHERWISE.
- 15. ALL WORK PREFORMED TO BE IN ACCORDANCE WITH ALL APPLICABLE STATE AND LOCAL CODES.
- 16. ALL WORK TO BE DONE IN A TIMELY AND WORKMANLIKE MANNER.

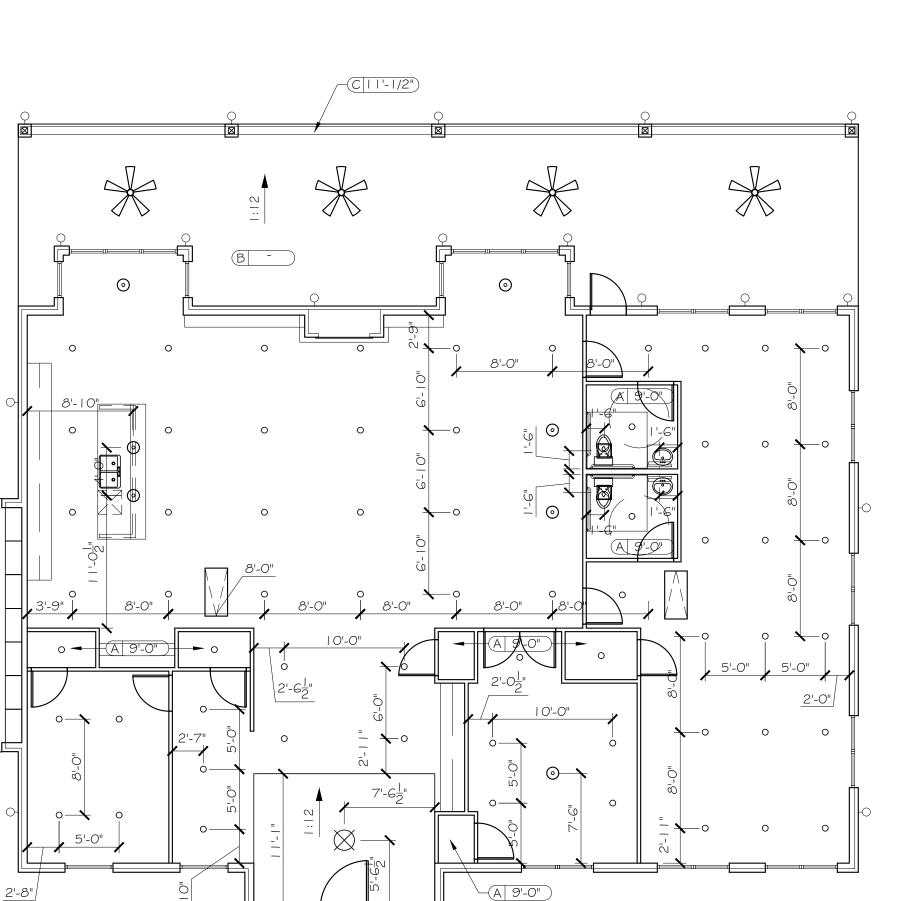


## ROOF PLAN GENERAL NOTES

I. ALL ROOFING TO BE ASPHALT SHINGLES; UNLESS NOTED OTHERWISE.

B 9'-9"

- 2. PLATE HEIGHT IS 9'-O"; UNLESS NOTED OTHERWISE
- 3. ROOF SLOPE IS 4:12; UNLESS NOTED OTHERWISE.
- 4. INSTALL RIDGE, GUTTERS, HIP, VALLEY, FLASHING, AND ROOFING PER MANUFACTURER.
- 5. GUTTERS AND DOWNSPOUTS SHALL BE INSTALLED THROUGHOUT. SPACING OF DOWNSPOUTS SHALL NOT EXCEED APPROXIMATELY 25 FEET. A CONCRETE SPLASH BLOCK SHALL BE PROVIDED FOR EACH DOWNSPOUT.
- 6. LOCATE ALL ROOF PENETRATIONS AND EQUIPMENT AWAY FROM HIGHLY VISIBLE AREAS TO GREATEST EXTENT POSSIBLE.
- 7. REFER TO MEP DRAWINGS FOR EXACT EQUIPMENT SIZES AND LOCATIONS.
- 8. DS = DOWNSPOUT



DFD ARCHITECTS INC 305 WEST WILLIS STREET SUITE 101

FIRST ISSUED ON: JULY 24, 2023

JULY 24, 2023

**REVISIONS:** 

LEANDER, TEXAS 78641 PHONE: 512.259.4175 WWW.DFDARCH.COM

ROSEMARY **APARTMENTS** 

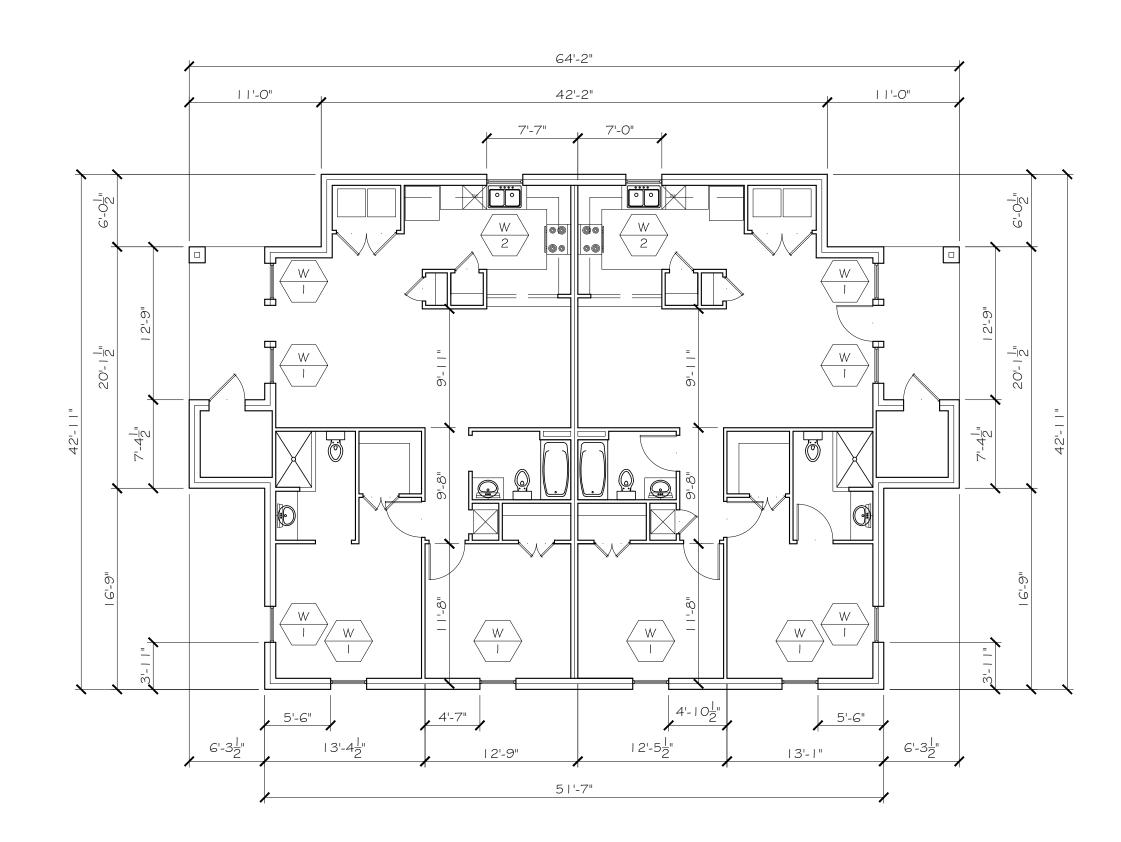
PROJECT LOCATION: DENISON, TEXAS

OWNER: ROSEMARY 126 INVESTORS, LP 801 E. TAYLOR ST. SHERMAN, TX. 75090

CLUBHOUSE PLANS

## FLOOR PLAN GENERAL NOTES

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- 7. ALL SUB-CONTRACTORS TO VERIFY ALL DIMENSIONS AND ACTUAL FIELD CONDITIONS WITH PLANS. REPORT AND VARIATIONS TO BUILDER AND ARCHITECT IMMEDIATELY.
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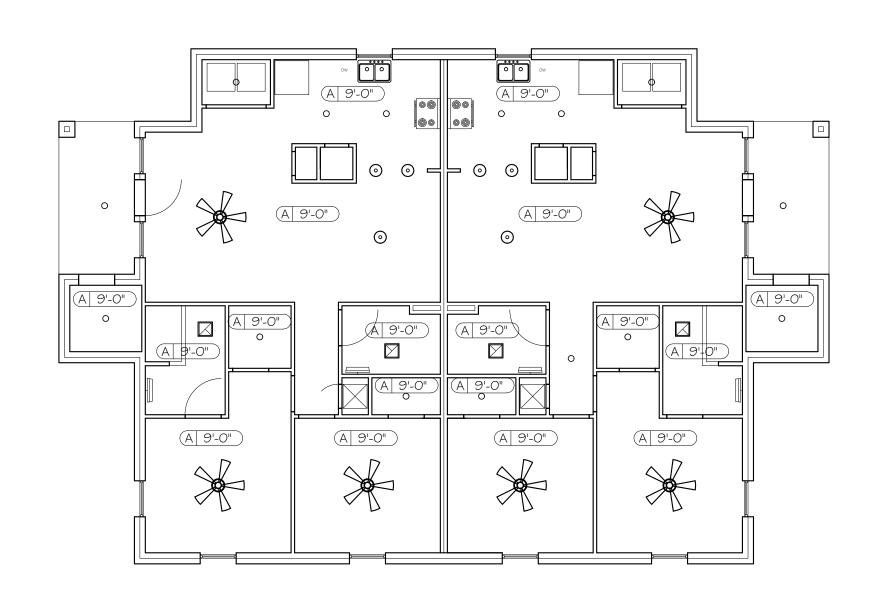


## CEILING TYPE LEGEND TYPE DESCRIPTION PAINTED GYPSUM BOARD EXAMPLE = CEILING TYPE A (PAINTED GYPSUM BOARD) AT 9'-0" AFF

## CELING PLAN GENERAL NOTES

- 28 -

- I. LIGHT FIXTURES ARE TO BE CENTERED WITHIN EACH ROOM/SPACE, UNLESS NOTED OTHERWISE.
- 2. PROVIDE GYPSUM BOARD CONTROL JOINTS AT A SPACING LAYOUT NOT TO EXCEED 30'-0" O.C.

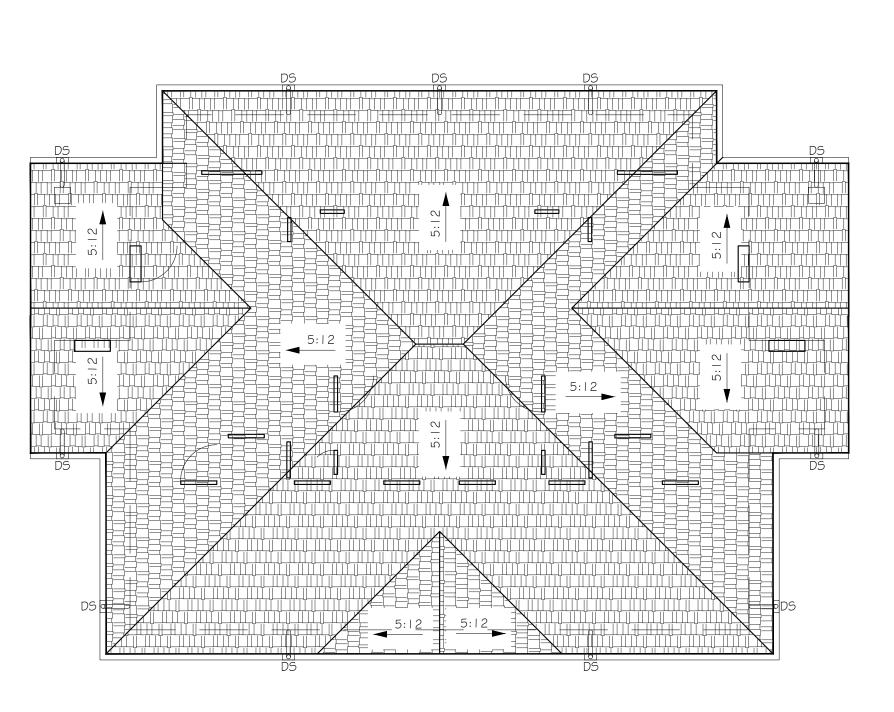


2 DUPLEX REFLECTED CEILING PLAN

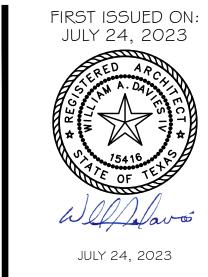
SCALE: 1/8" = 1'-0"

## ROOF PLAN GENERAL NOTES

- I. ALL ROOFING TO BE ASPHALT SHINGLES; UNLESS NOTED OTHERWISE.
- 2. PLATE HEIGHT IS 10'-0"; UNLESS NOTED OTHERWISE
- 3. ROOF SLOPE IS 5:12; UNLESS NOTED OTHERWISE.
- 4. INSTALL RIDGE, GUTTERS, HIP, VALLEY, FLASHING, AND ROOFING PER MANUFACTURER.
- 5. GUTTERS AND DOWNSPOUTS SHALL BE INSTALLED THROUGHOUT. SPACING OF DOWNSPOUTS SHALL NOT EXCEED APPROXIMATELY 25 FEET. A CONCRETE SPLASH BLOCK SHALL BE PROVIDED FOR EACH DOWNSPOUT.
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- 8. DS = DOWNSPOUT







**REVISIONS:** 



LEANDER, TEXAS 78641 PHONE: 512.259.4175 WWW.DFDARCH.COM

SUITE 101

ROSEMARY APARTMENTS

PROJECT LOCATION: DENISON, TEXAS

OWNER: ROSEMARY 126 INVESTORS, LP 801 E. TAYLOR ST. SHERMAN, TX. 75090

DUPLEX PLANS

## FLOOR PLAN GENERAL NOTES

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- ORDER OR ADDENDUM HAVE BEEN ISSUED THAT MAY MODIFY THE SCOPE OF WORK ON THESE PLANS.

12. DRYWALL CONTRACTOR TO VERIFY TYPE AND EXTENT OF WALL AND

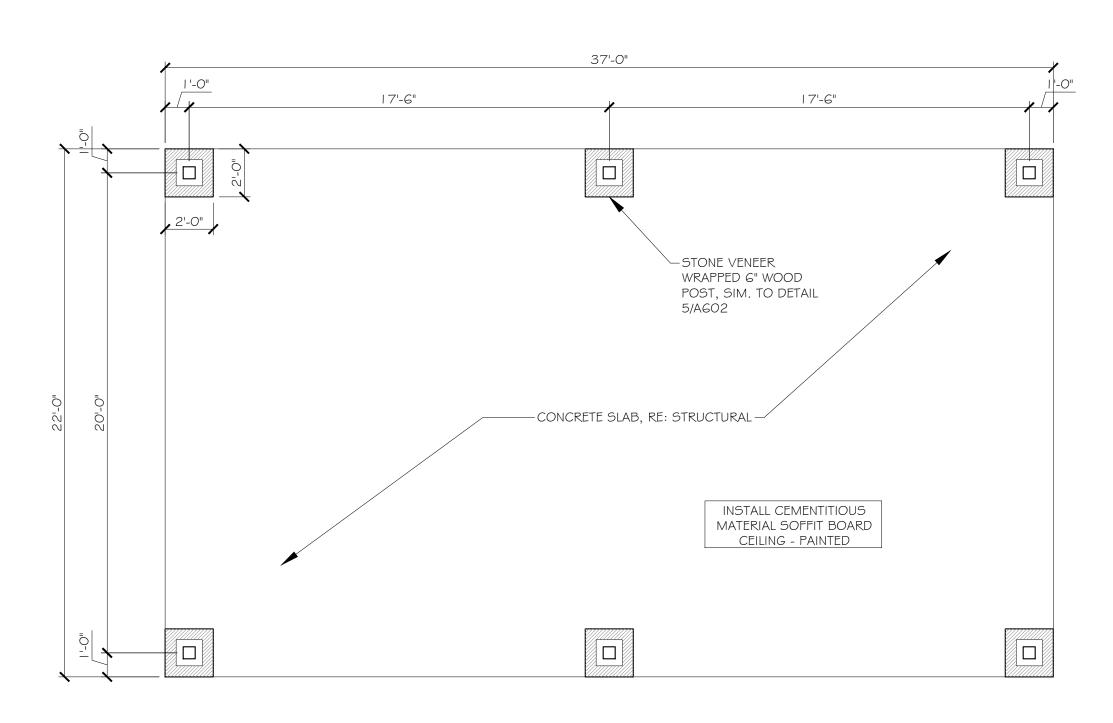
II. ALL SUB-CONTRACTORS TO VERIFY WITH BUILDER THAT NO CHANGE

- CEILING TEXTURE PRIOR TO STARTING WORK. 13. SUB-CONTRACTORS ARE RESPONSIBLE FOR KEEPING THE JOB SITE CLEAN. REMOVE ALL TRASH DAILY TO DUMPSTER PROVIDED BY BUILDER.
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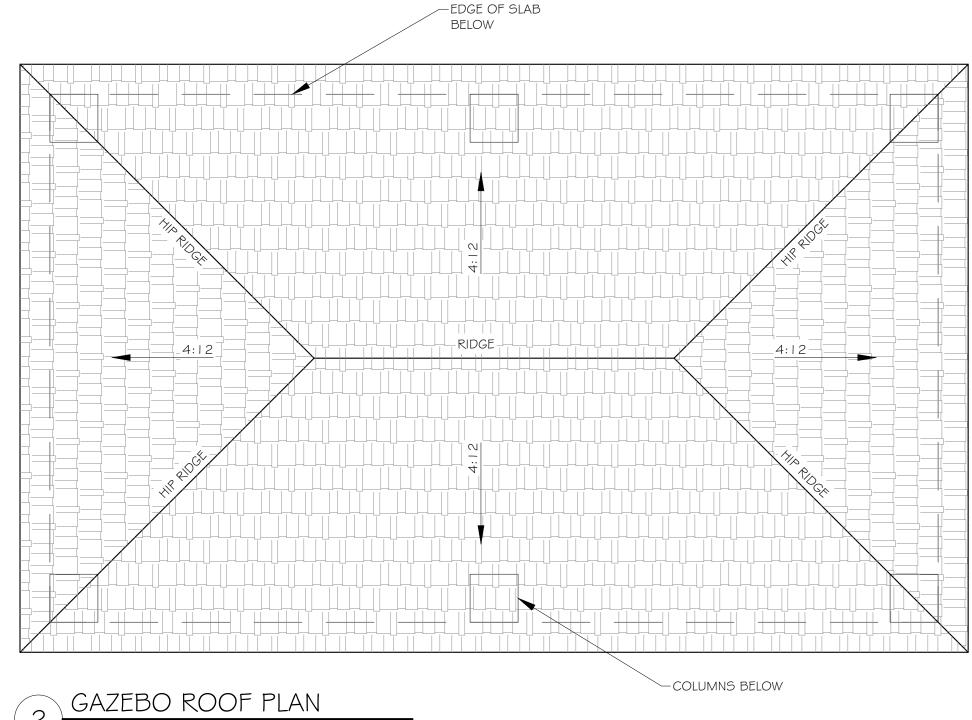
## ROOF PLAN GENERAL NOTES

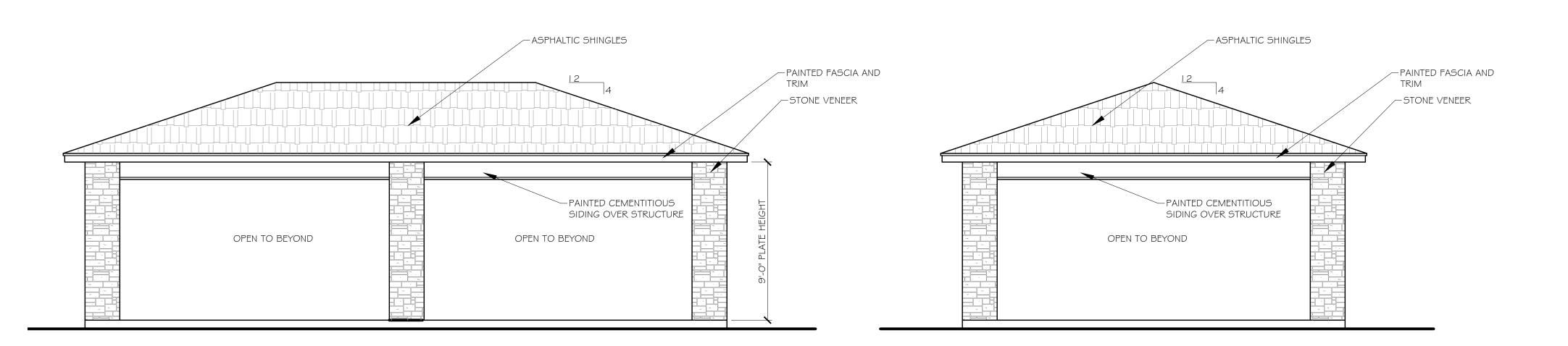
- I. ALL ROOFING TO BE ASPHALT SHINGLES; UNLESS NOTED OTHERWISE.
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- 8. DS = DOWNSPOUT

- 29 -















**REVISIONS:** 



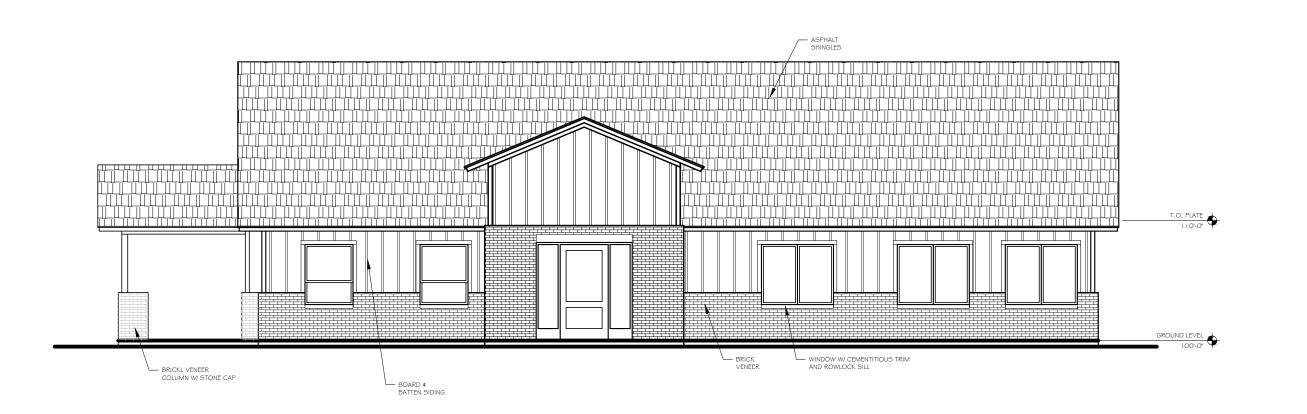
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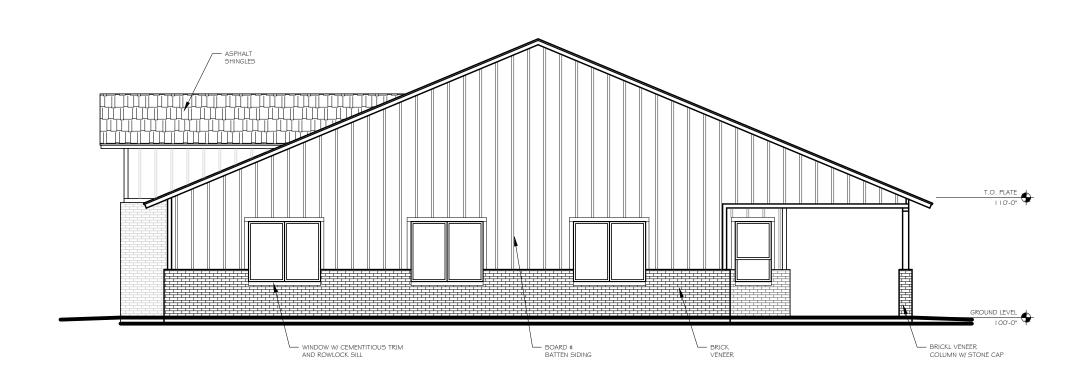
ROSEMARY APARTMENTS

PROJECT LOCATION: DENISON, TEXAS

OWNER: ROSEMARY 126 INVESTORS, LP 801 E. TAYLOR ST. SHERMAN, TX. 75090

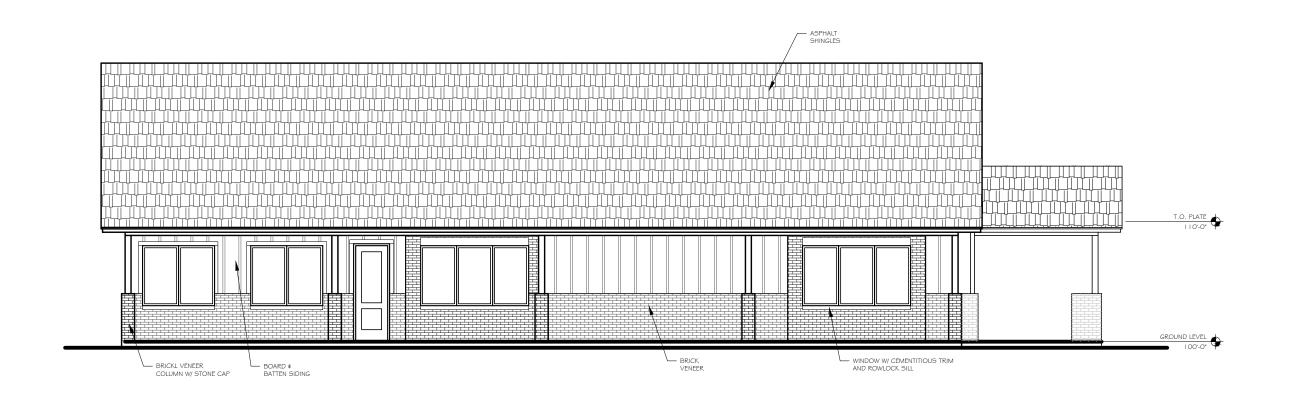
GAZEBO PLANS

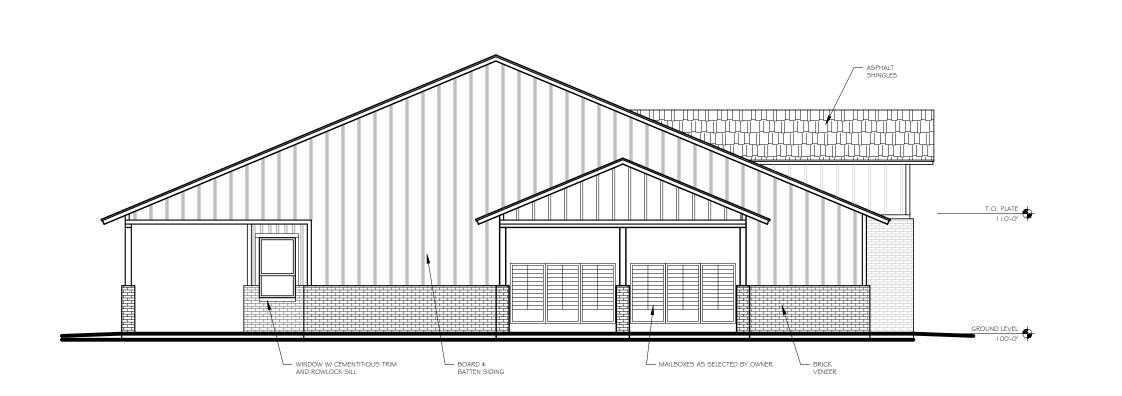




# CLUBHOUSE - FRONT ELEVATION SCALE: 1/8"= 1'-0"

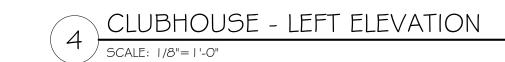
# CLUBHOUSE - RIGHT ELEVATION SCALE: 1/8"= 1'-0"

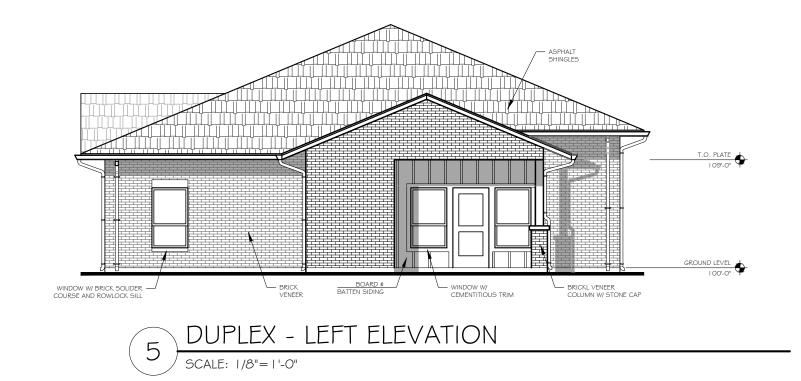


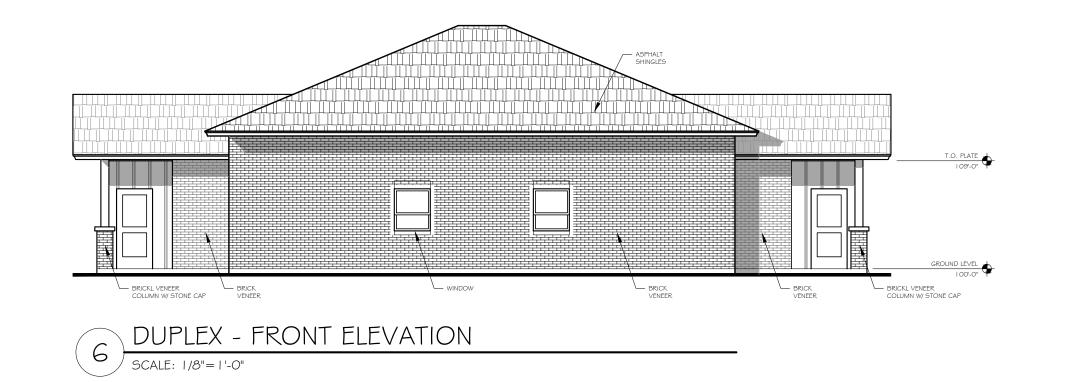


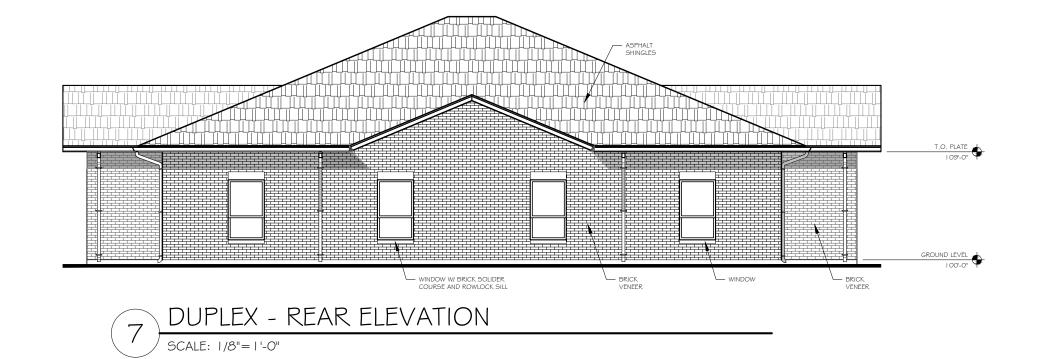
# 3 CLUBHOUSE - REAR ELEVATION SCALE: 1/8"= 1'-0"

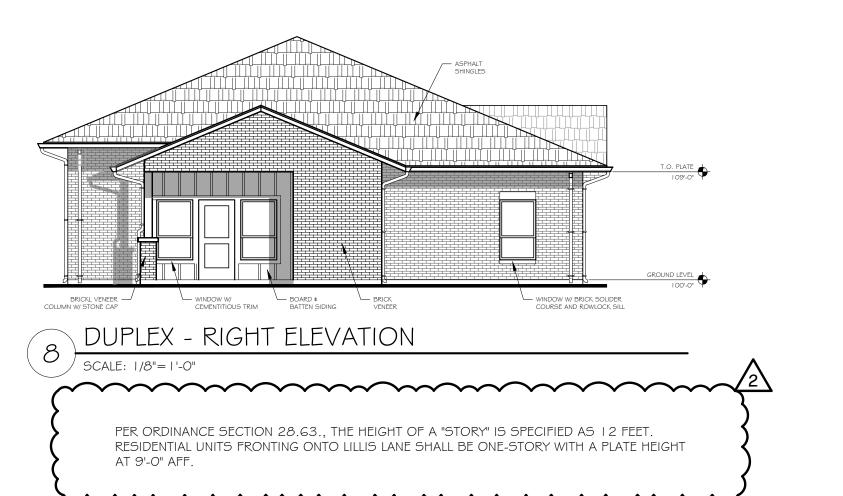
- 30 -

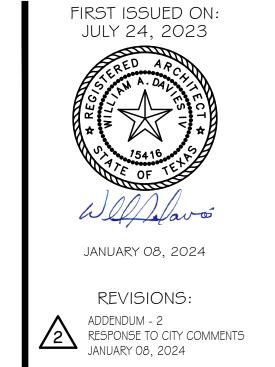














ROSEMARY APARTMENTS

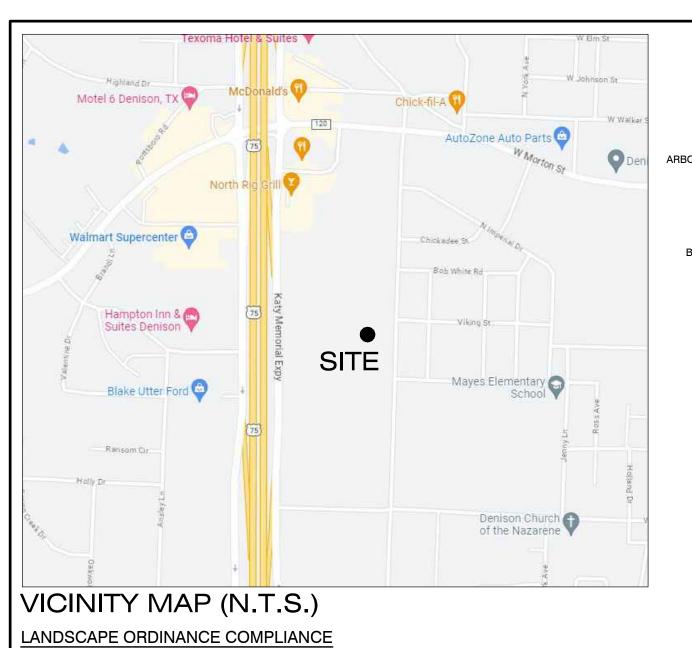
PROJECT LOCATION:
DENISON, TEXAS

OWNER:

ROSEMARY 126
INVESTORS, LP

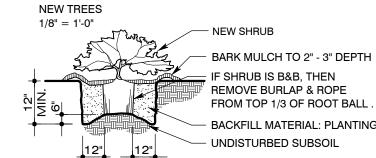
801 E. TAYLOR ST.
SHERMAN, TX. 75090

EXTERIOR ELEVATIONS



### – MIN. (2) 4'-0" STAKES INSTALL IN UNDISTURBED SOIL OUTSIDE PLANT PIT ARBOR-TIE TREE GUYS -- 6" DEEP PLANT MIX RING @ BASE 6. OF TREE - TOP WITH 4" MULCH FINISH GRADE BACKFILL W/ PLANT MIX ROUGHEN SIDES AND PER SPECIFICATIONS **BOTTOM OF PLANT PIT**

## TREE PLANTING DETAIL



SHRUB PLANTING DETAIL

1/8" = 1'-0"

INFORMATION.

GENERAL NOTES:

REFER TO SPECIFICATIONS FOR ALL CONTRACT PLANTING.

INSTALL APPROVED IMPORTED TOPSOIL TO 4" DEPTH IN ALL TURFGRASS AREAS.

AT THE TIME THESE DOCUMENTS WERE PREPARED THE LANDSCAPE ARCHITECT WAS NOT AWARE OF A LOCAL URBAN DEER POPULATION. 2. IN THE EVENT AN URBAN DEER POPULATION IS DISCOVERED, CONTRACTOR IS SOLELY RESPONSIBLE FOR PROTECTING ALL NEWLY-INSTALLED

CONTRACTOR IS RESPONSIBLE FOR VERIFYING ALL QUANTITIES IN THE FIELD PRIOR TO INSTALLATION AND MUST REPORT ANY DEVIATION IN

WHERE SHOWN ON THESE PLANS, UTILITY INFORMATION IS PROVIDED FOR REFERENCE ONLY. REF. CIVIL AND MEP PLANS FOR ALL UTILITY

VERIFY LOCATION AND DEPTH OF ALL EXISTING AND PROPOSED UTITILIES PRIOR TO ANY EXCAVATION. IN THE EVENT POTENTIAL CONFLICT(S)

OCCUR BETWEEN UTILITIES AND LANDSCAPE IMPROVEMENTS, IMMEDIATELY CEASE WORK IN THE AFFECTED AREA, REPORT THE CONFLICT(S)

PLANTS THROUGH THE 30-DAY MAINTENANCE PERIOD.

INSTALL APPROVED IMPORTED PLANTING MIX TO MIN. DEPTH OF 6" IN ALL AREAS SCHEDULED AS LANDSCAPE PLANTING AREAS.

3. APPLY "LIQUID FENCE" (OR APPROVED EQUAL) TO ALL PLANTS AS NEEDED TO DISCOURAGE BROWSING BY DEER.

SITE CONDITIONS TO THE LANDSCAPE ARCHITECT BEFORE PROCEEDING WITH WORK IN THE AFFECTED AREA.

TO THE OWNER'S REPRESENTATIVE, AND DO NOT PROCEED UNTIL RECEIPT OF SPECIFIC WRITTEN DIRECTION.

ANY NEWLY-INSTALLED PLANTS EATEN OR BROWSED BY DEER PRIOR TO THE EXPIRATION OF THE 30-DAY MAINTENANCE PERIOD SHALL BE REPLACED BY THE CONTRACTOR AT NO COST TO THE OWNER.

## **OVERHEAD ELECTRIC NOTES:**

1. ALL PROPOSED LARGE SPECIES TREES (AS DEFINED BY THE UNIFIED DEVELOPMENT CODE IN EFFECT HEREOF) SHALL BE PLANTED NO CLOSER THAN 20' TO ALL OVERHEAD ELECTRIC UTILITY LINES.

- CONTRACTOR IS SOLELY RESPONSIBLE FOR FIELD LOCATING ALL OVERHEAD ELECTRIC UTILITY LINES AND ENSURING THAT NO LARGE
- SPECIES TREES ARE PLANTED WITHIN 20' OF ANY OVERHEAD ELECTRIC UTILITY LINES. WHERE CITY INSPECTORS FIND ANY PROPOSED LARGE SPECIES TREES TO BE IN VIOLATION OF PROXIMITY TO OVERHEAD ELECTRIC

UTILITY LINES, THE CONTRACTOR SHALL RELOCATE TREES AT NO ADDITIONAL COST TO THE OWNER.

PROJECT SITE AREA = 434,723 SF LANDSCAPE REQUIRED: 434,723 SF x 20% = LANDSCAPE PROVIDED: LANDSCAPE OPEN SPACE:

FRONTAGE VIKINGS STREET TOTAL AREA = 11,640 SF LANDSCAPE REQUIRED: 11,640 SF x 8% = LANDSCAPE PROVIDED:

FRONTAGE LILLIS LANE TOTAL AREA = 24,365 SF LANDSCAPE REQUIRED: 24,365 SF x 8% = LANDSCAPE PROVIDED:

TREE PRESERVATION ORDINANCE COMPLIANCE THERE ARE NO EXISTING PROTECTED TREES ON SITE.



86,944.6 SF

931.2 SF

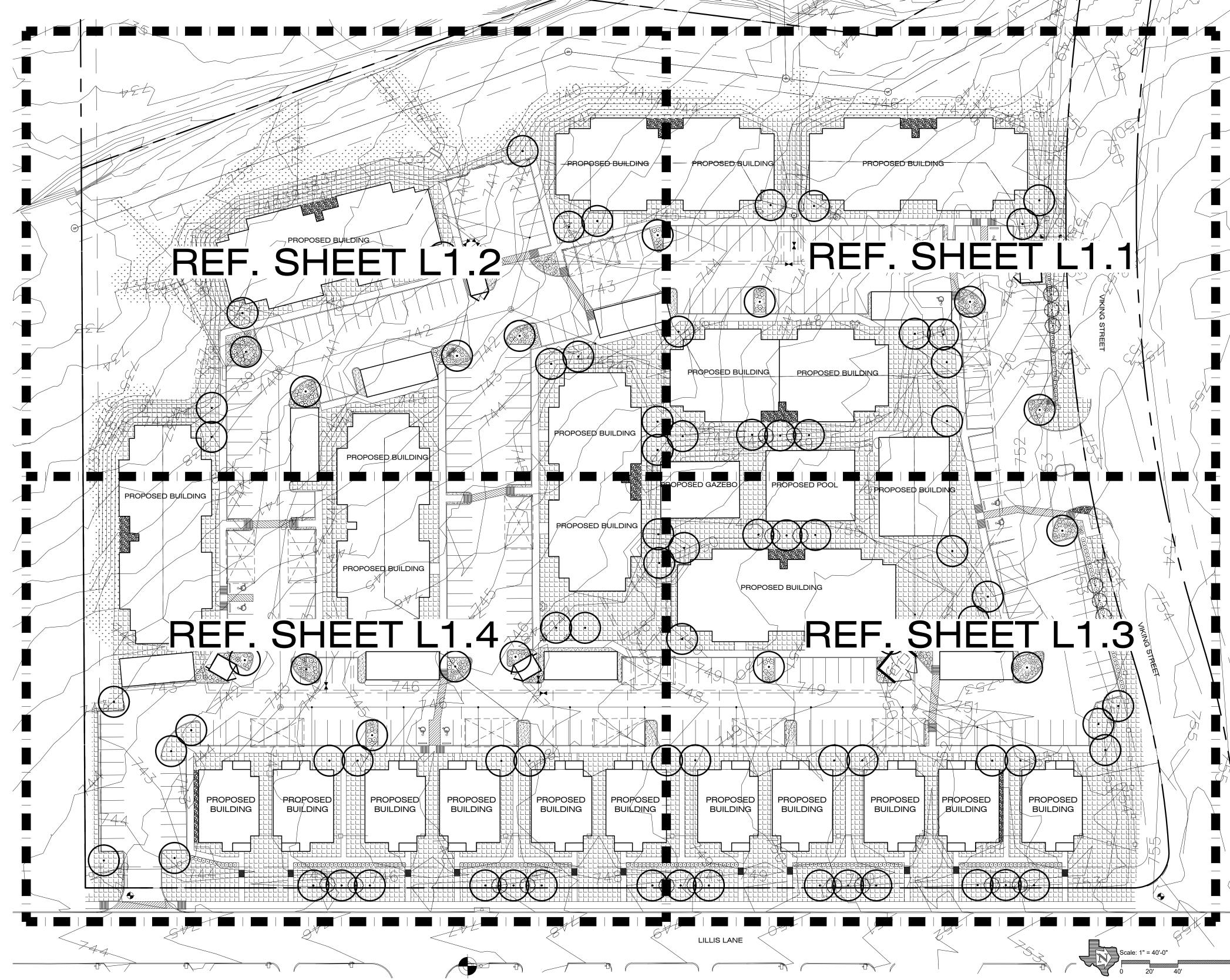
1949.2 SF

129.683 SF (29.8%)

107,595 SF (24.75)

9629 SF (82.7%)

15,890 SF (65.2%)



HORIZON DESIGN AND DEVELOPMENT PLANNING LANDSCAPE ARCHITECTURE

DEVELOPMENT CONSULTING 14607 San Pedro Ave., Suite 200 San Antonio, Texas 78232 210.831.8564 jrobinson@horizondesign-sa.com



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Rosemary 126 Investors <sup>\*</sup>

801 E. Taylor St. Sherman, TX 75090

**PROJECT** 

Rosemary Apartments

Denison, Texas 782XX

**REVISIONS** 

City Comments

PROJECT NUMBER 2023-117

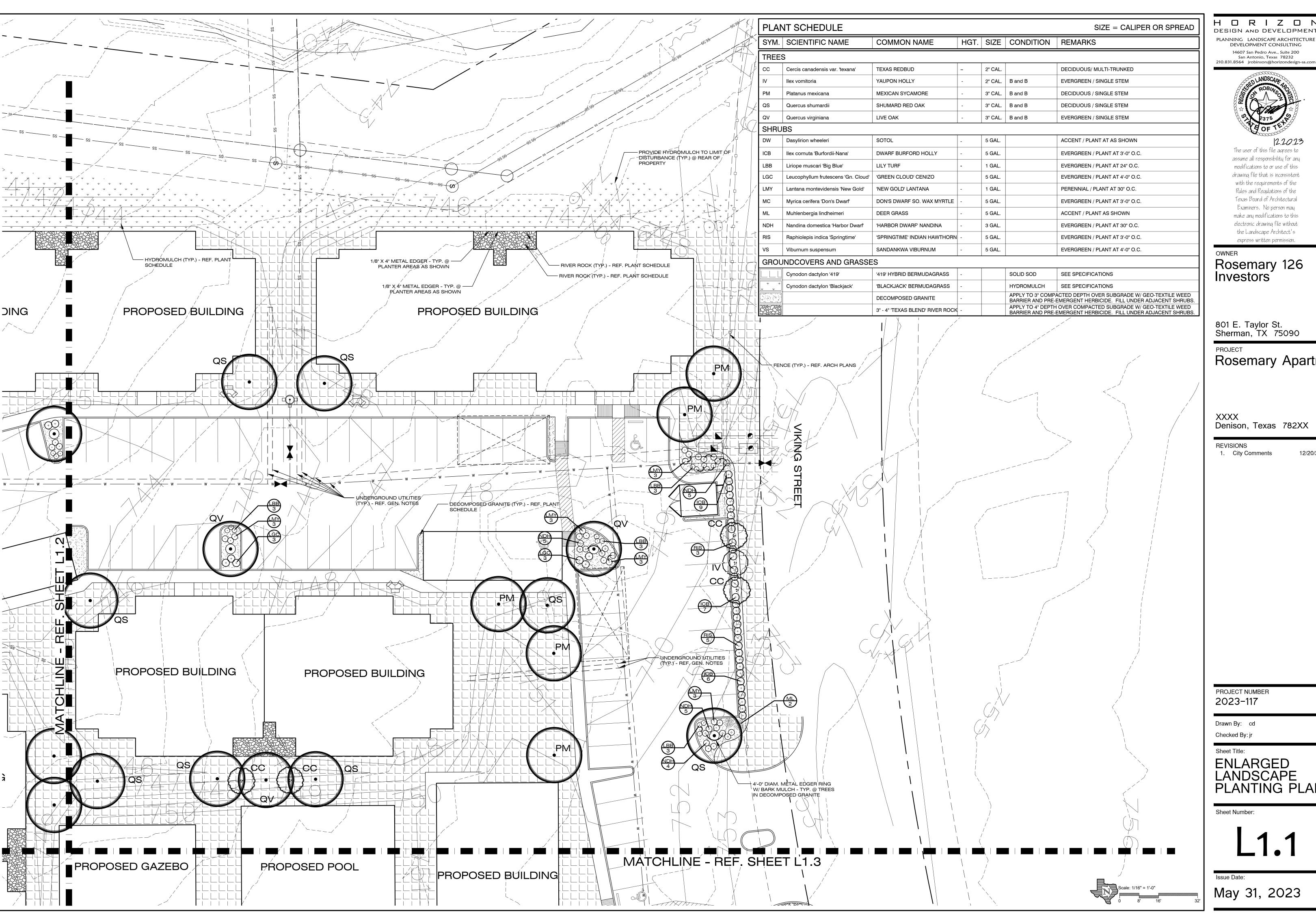
Drawn By: cd

Sheet Title:

OVERALL LANDSCAPE PLANTING PLAN

Sheet Number:

May 31, 2023



HORIZON DESIGN AND DEVELOPMENT PLANNING LANDSCAPE ARCHITECTURE DEVELOPMENT CONSULTING 14607 San Pedro Ave., Suite 200 San Antonio, Texas 78232



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PROJECT

Rosemary Apartments

Denison, Texas 782XX

**REVISIONS** 

1. City Comments

PROJECT NUMBER 2023-117

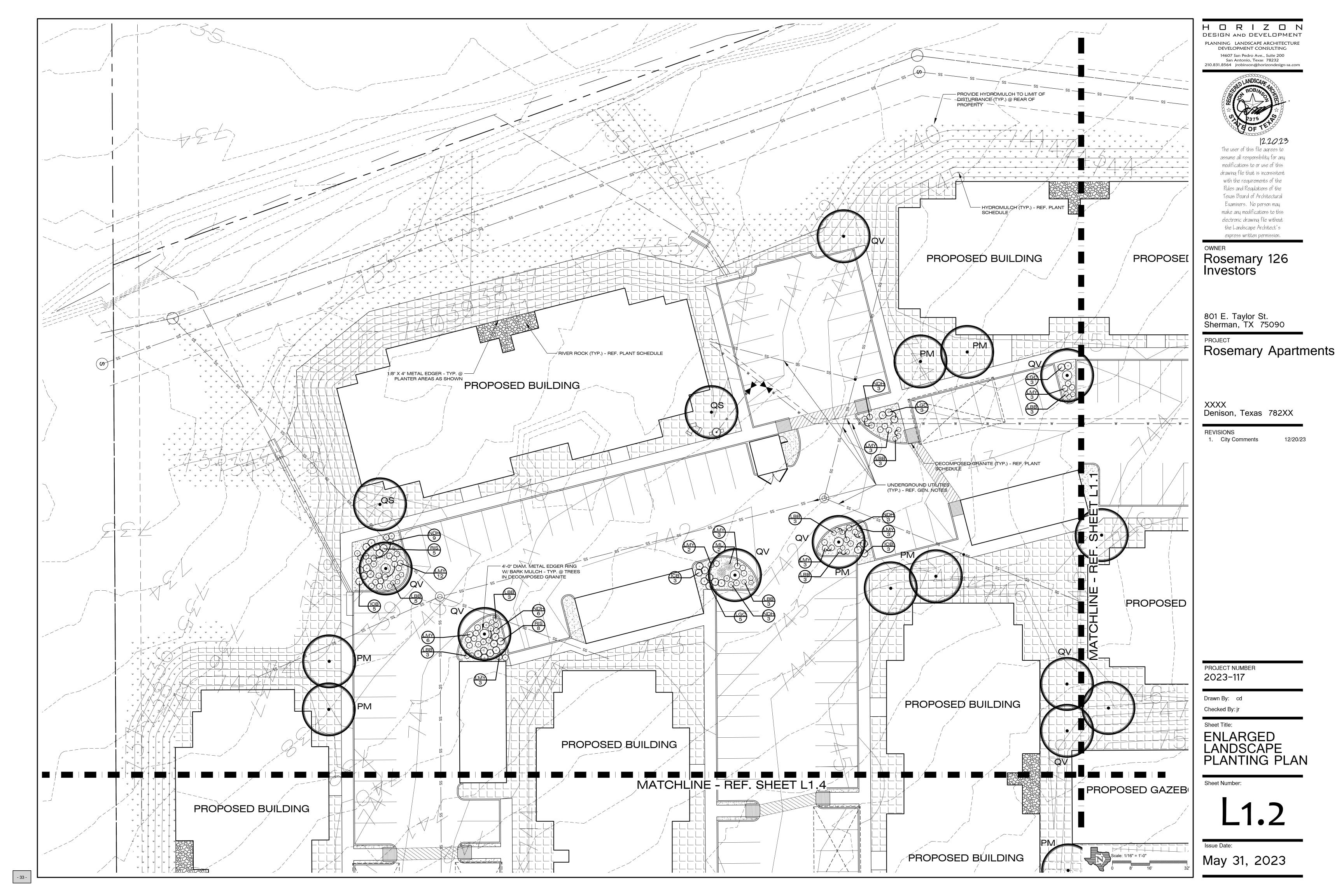
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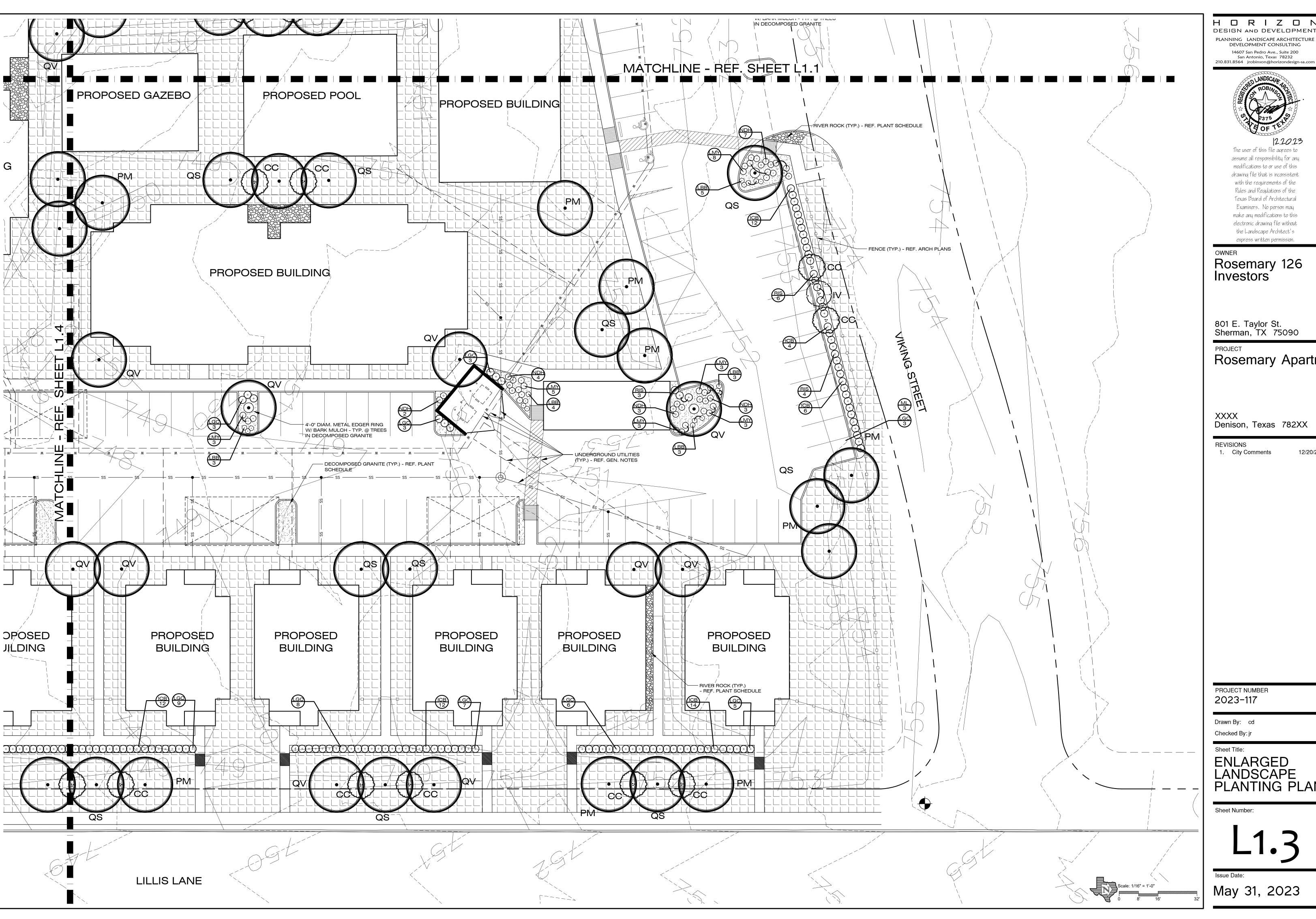
Sheet Title:

ENLARGED LANDSCAPE PLANTING PLAN

Sheet Number:

May 31, 2023





HORIZON DESIGN AND DEVELOPMENT PLANNING LANDSCAPE ARCHITECTURE DEVELOPMENT CONSULTING



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Rosemary 126 Investors

801 E. Taylor St. Sherman, TX 75090

Rosemary Apartments

Denison, Texas 782XX

REVISIONS

City Comments

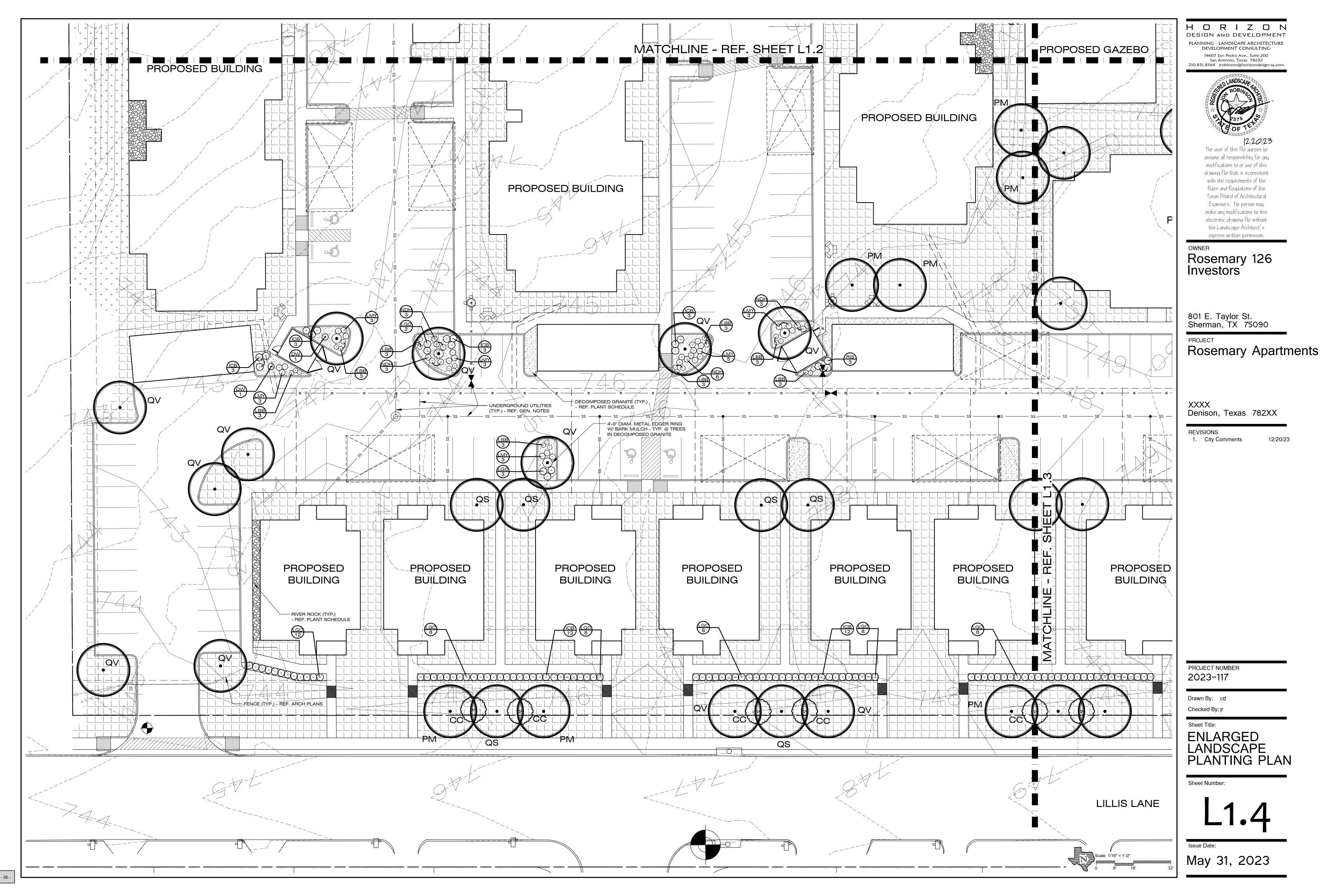
PROJECT NUMBER 2023-117

Drawn By: cd

ENLARGED LANDSCAPE PLANTING PLAN

Sheet Number:

May 31, 2023



PART 1 - GENERAL 1.1 Work Included B. Install edging at planter areas. Excavate and prepare plant pits. Prune plants. Apply mulch to planter areas. Guarantee plants. 1.2 Reference Standards standards 1.3 Submittals Indicate topsoil supplier source. Indicate river rock supplier source. 1.5 Existing Conditions 1.6 Guarantee irregularities which affect the guarantee. sole responsibility of the Contractor. adequately. 1.8 Final Inspection replacing any plants. 1.9 Quality Assurance of the following submittals: PART 2 - PRODUCTS 2.1 Materials 7% nor more than 12% clay and not more than 12% silt. 16% pine bark mulch. a minimum 50% organic form. 2.2 Plant Materials

A. Place and spread topsoil and planting mix. Place plants in pits and backfill with planting mix. Install solid sod, hydromulch, or seed mix. Inspect plants during the Guarantee Period. A. Nomenclature and size. All plants must be true to name and size in conformance with the following B. American Joint Committee on Horticultural Nomenclature, 1942 ed. of Standardized Plant Names (Mount Pleasant Press, J. Horace McFarland Co., Harrisburg PA) C. American Standard of Nursery Stock, 1973 ed. (American Association of Nurserymen, Inc., Washington A. Submit weed control program in accordance with Sec. 01300 1. Indicate chemicals to be employed, manufacturer's printed instructions as to dilution and application, solution strength, application method, rates, and frequency, and frequency of manual weeding. 2. Submit chemical manufacturer's written certificate that material proposed for use meets local, state, and federal regulations for the type of material proposed and that the material is not toxic to humans and animals if applied per the manufacturer's written instructions. B. Submit topsoil sample (min. 1-gal. bag) in accordance with Sec. 01300 2. Provide laboratory test results indicating compliance w/ topsoil composition requirements. C. Submit planting mix sample (min. 1-gal. bag) in accordance with Sec. 01300 Indicate planting mix supplier source. Provide laboratory test results indicating compliance w/ planting mixl composition requirements D. Submit bark mulch sample (min. 1-gal. bag) in accordance with Sec. 01300 Indicate bark mulch supplier source. E. Submit decomposed granite sample (min. 1-gal. bag) in accordance with Sec. 01300 1. Indicate decomposed granite supplier source. F. Submit river rock sample (min. 1-gal. bag) in accordance with Sec. 01300 F. Submit irrigation system product data in accordance with Sec. 01300. 1. Provide manufacturers' cut sheets indicating compliance with all equipment specified in the Irrigation 1.4 Product Delivery, Storage, and Handling D. Handle and store all materials in such a manner as to prevent damage. A. Prior to commencement of work, investigate the site, locate and identify all existing underground utilities that may conflict with the installation of the work described in the contract documents, and notify the Landscape Architect of the conflict and do not proceed with construction in the affected area without specific direction. B. Protect identified utilities from damage during installation. A. All plants will be guaranteed against defects, including death and unsatisfactory growth, for a period of 12 months following the date of Substantial Completion. If replacement plants are installed, they will be guaranteed for an additional 12 months following their installation. 1.7 Responsibilities of Owner and Contractor A. The Contractor will provide monthly inspections of the project during construction and the guarantee period and immediately provide to the Owner and the Landscape Architect a written report identifying any B. The Contractor will monitor any construction, whether conducted by other trades or the Owner's employees, adjacent to new and existing plants. The Contractor will identify and document any damage to the plants and immediately notify the Landscape Architect of same. The Contractor will replace any damaged plants at no expense to the Owner. Any reimbursement from other trades or contractors shall be the C. The Contractor will remove and replace all dead plants. D. The Contractor will ensure all plants are installed in an upright position and to proper finish grade and will reset any plants not installed accordingly. E. The Contractor will have the sole responsibility for ensuring that all plants are maintained and watered greater size. The subcontractor will furnish the name, address, and telephone number for both the General Contractor and Owner on these projects, as well as the contract price, the company name under which the

A. At the conclusion of the guarantee period, the Landscape Architect will inspect the planting to assess the final acceptance of the installation. Only plants that are alive and healthy will be accepted. The Contractor will replace any plants that are dead or, in the sole opinion of the Landscape Architect, in an unhealthy or unsightly condition or have lost their natural form due to dead or removed branches. The Contractor will bear the cost of A. Before entering into a contract with any subcontractor, the General Contractor will investigate the

proposed subcontractor's reputation and ability to perform the work and determine whether the subcontractor is stable, reputable, and skilled in this area of work. The General Contractor will require and review a minimum 1. Experience. The subcontractor will be a single firm specializing in landscape installation with a minimum 5 years documented experience. Documentation will demonstrate a minimum 10 installations of equal or

work was performed, and completion date. 2. Personnel. The subcontractor will provide a list of the project manager and foreman proposed to complete the work, their years of experience in the industry, any formal training, and years of service with the current company. If a separate irrigation subcontractor is to be used, the same information will be provided. 3. Business Expertise. The subcontractor will submit a current audited financial statement, current insurance certificate, contact information for their insurance company, bonding capacity and bonding company,

and contact information for their bonding company. B. Should the subcontractor selected by the General Contractor default on the contract, fail to complete the work in conformance with the Contract Documents, or enter into bankruptcy, the Owner will pay the Landscape Architect as an additional service for any additional work occasioned by the subcontractor's default

A. Topsoil. Provided by the landscape subcontractor from local sources, sandy loam which is fertile, friable, surface soil. Topsoil will be free of rocks, stones, subsoil, building debris, weeds, grass, clay lumps, and other materials which would be detrimental to turfgrass growth. Topsoil composition will be not less than

B. Planting Mix. Plant mix composition will be 35% compost, 33% red sand, 16% composted topsoil, and C. Commercial Fertilizer. Complete fertilizer of neutral character, with some elements derived from organic

sources and containing available plant nutrients in the following percentages: 1. For trees and shrubs - Woodace Top Dress Special (20-4-11, 8 - 9 month formula) at a rate of 5 to 10

2. For lawns - Min. 1 lb. of actual nitrogen per 100 SF of lawn area, min. 4% phosphoric acid, and min. 2% potassium. Provide nitrogen in a form that will be available to turfgrass during the initial period of growth and in

A. The drawings contain a complete list of plant species, quantities, sizes, and other requirements. In the event that discrepancies occur between the quantities of plants indicated on the plant list and as indicated on the drawings, the plant quantities shown on the drawings will be given precedence.

B. No substitutions of plants will be permitted without express prior written authorization by the Landscape C. All plants will comply with state and federal inspection and diseases infestation laws. D. All plants will be typical of their species or variety, with normal, well-developed branches and vigorous

E. All plants will be healthy and vigorous, free from defects, disfiguration, knots, abrasions, sunscald, diseases, insect eggs or larvae, borers, and all other forms of diseases or infestations. F. All plants will be nursery stock. Any plants gathered from native stands must be kept under nursery conditions for a minimum of 1 full growing season, must be free from all foreign plants and weeds, and must meet all other requirements of the Contract Documents.

G. Container-grown plants must exhibit development of fibrous roots and have a root mass that will retain its shape when removed from the container. Plants grown in smaller containers must have root growth sufficient to reach the sides of the container. Root-bound container-grown plants will be rejected. H. Container sizes of a large grade than listed in the American Standard for Nursery Stock (ASNS) shall be determined by the volume of the root ball specified in the ASNS for plants of the same size. I. All bare root plants must have a heavy, fibrous root system and dormant buds at the time of planting.

 All plants must have average height and spread proportions and branching habit in accordance with the appropriate sections of the ASNS. K. All plants which have girdled roots, stem, or major branch, have deformities of the stem or major branch, lack symmetrical growth habits, have dead or defoliated portions, or have any defect, injury, or conditions which in the sole opinion of the Landscape Architect renders them unsuitable, will be rejected.

Balled and burlapped plants must have a solid ball of earth of minimum specified size held securely in place by burlap and stout rope. Oversized or exceptionally heavy plants will be accepted provided the size of the root ball or spread of the roots is increased proportionally. Root balls must be tight, unbroken, and free of weed or foreign plant growth. Root balls shall have the following depth-to-diameter ratios: root ball diameters of less than 20" = minimum depth of 75% of the diameter; root ball diameters of 20" to 30" = minimum depth of 2/3 of the diameter; root ball diameters over 30" = minimum depth of 60% of the diameter.

M. Plants delivered as a single unit of 25 or less of the same size, species, and variety must be clearly marked and tagged. Plants delivered in large quantities of more than 25 must be segregated as to variety, grade, and size, and 1 plant in each 25 plants, or fraction thereof, of each size, species, and variety, must be tagged.

N. Plants stored under temporary conditions will be the responsibility of the Contractor and must be protected at all times from extreme weather conditions by insulating the root balls with sawdust, soil, mulch, or other approved measure. Plants stored on paved areas must be separated from the pavement with an insulating layer.

O. Protecting stored plants from theft or vandalism will be the sole responsibility of the Contractor. Any stolen plants will be replaced at no cost to the Owner

2.3 Miscellaneous Materials Mulch. Shredded native mulch applied to a depth of 4" beneath all new trees and 4" beneath all shrubs.

Stakes. Sound new hardwood, treated softwood, or redwood stakes, free of knot holes and other defects, or metal stakes. Provide wire ties and guys of 2-strand, twisted, pliable galvanized iron wire, minimum 12-gauge, with zinc-coated turnbuckles. Provide minimum ½" diameter rubber or plastic hose, cut to required lengths and of uniform color, material, and size, to protect tree trunks and branches from damage by wires. All new trees are to be staked.

Anti-Dessicant: Emulsion type, film-forming agent designed to permit transpiration but retard excessive loss of moisture from plants. Deliver in manufacturer's full identified containers and mix in accordance with manufacturer's instructions.

D. Plastic trunk protectors: Provide ArborGard+, AG 9-4+ by Deep Root Partners, L.P. (or equal), (1-800-458-7668) to protect new trees from damage by string trimmers and mowers.

PART 3 - EXECUTION

3.1 Inspection

Inspect existing site conditions and progress of other trades before commencing landscape installation. Verify that construction has progressed to a point at which the landscape will not be adversely affected by subsequent construction and that existing conditions are acceptable for landscape installation.

C. Report adverse conditions to the Landscape Architect and do not proceed with the work until adverse conditions have been rectified.

D. Commencement of the landscape installation will constitute acceptance of the site conditions without qualification.

3.2 Preparation of Subsoil A. Inspect subsoil for the presence of objectionable materials such as rocks (2" diameter and greater), concrete waste, building debris, weeds, grass, and other material that would be detrimental to the growth of plants and turfgrass. Protect existing underground improvements from damage. B. Cultivate the subsoil to a depth of 3" or, if the subsoil is compacted due to heavy equipment traffic or

storage, cultivate to a depth of 6". Spreading Topsoil See lawn installation for topsoil spreading procedures in turfgrass areas.

Spread topsoil and planting mix to required finish grades. Fill turfgrass areas with topsoil to a minimum C. Cultivate with a mechanical tiller to break up clods and cultivate by hand in inaccessible areas. Rake until the surface is smooth.

Remove from the site any foreign or objectionable material collected during cultivation. Grade to eliminate rough spots and low spots where ponding may occur, maintaining smooth and uniform grades that will encourage positive drainage. Continue to grade the topsoil until it is firm and settled with a smooth surface, watering, drying, and re-grading as necessary.

of the subgrade. If extreme pr objectionable conditions exist, notify the Landscape Architect before proceeding. Mix the specified soil amendments and fertilizers with topsoil at the specified rates. Do not mix fertilizers unless planting will follow the spreading of topsoil or planting mix within 48 hours.

The landscape Contractor is solely responsible for ensuring positive drainage regardless of the condition

All planting areas must be prepared so that they remain free of debris and weeds until planting occurs. Weed control in the planting areas will consist of killing all weeds and maintaining a weed-free condition

in accordance with the weed control program until completion of the project. J. Protect adjacent plants from damage due to overspray of weed control chemicals.

 The Contractor will begin planting when other work divisions such as topsoil spreading have progressed sufficiently to permit planting. B. Planting will occur where it is shown on the Contract Documents unless obstruction overhead or

inderground are encountered or where changes in construction have been made. Prior to the excavation of shrub or tree pits, the Contractor will locate and identify all underground utility lines, electrical cables, irrigation lines, and conduits. If such obstructions are found, promptly notify the Landscape Architect and do not proceed without clear direction. C. No planting pits will be excavated until the proposed locations and plant sizes have been reviewed and

approved by the Landscape Architect. Each plant will be planted in an individual pit dug with straight vertical sides. All plants will be set such that their original soil level is equal to the ultimate finish grade. No filling will be done around the trunks and stems. All ropes, wires, staves, etc., will be removed from the sides and top of the root ball and removed from the pit before filling. Burlap will be properly cut and removed from the sides of the root ball. When a depth is specified for the plant pit, it will be construed as the depth below adjacent finish grade. Excess excavation from plant pits shall be either used elsewhere or removed from the site entirely. The Landscape Architect will review and approve the location and orientation of all plants prior to

excavation of their pits. All trees will be planted in pits a minimum 24" greater in diameter than the container size or spread of their roots. In the event that solid rock is encountered in the bottom of the pit, break up and loosen the sides and bottom of the pit so that water will drain effectively. The pit will be a minimum of 9" deeper than the depth of the root ball and will have a crown from the middle to the sides in order to direct drainage away from the root ball. Place planting mix in the bottom of the pit and tamp down to prevent settling. Backfill the pits with planting mix in layers no greater than 9" and tamp down to avoid settling. Provide enough planting mix to bring to finish grade and form a saucer with a minimum 4" lip around the perimeter of the tree's root ball so water will pond and soak into the root ball.

Stake trees immediately after planting, then remove the stakes after one (1) year. If deciduous trees are planted in full-leaf, spray with anti-dessicant to provide an adequate film over the trunk, branches, stems, and foliage.

G. Shrubs will be planted in pits a minimum of 12" greater in width than the diameter of the root ball or container. In the event that solid rock is encountered in the bottom of the pit, break up and loosen the sides and bottom of the pit so that water will drain effectively. The

depth of the pit will be sufficient to accommodate the root ball and to set the plant at finish grade. Backfill the pit with planting mix, tamp down and settle thoroughly, bring to finish grade, and form a slight saucer to hold additional water and soak the root ball. After planting has been approved, apply bark mulch to a depth of 2" around all plants in the planting area.

All ground cover material will be planted as follows: One gallon material will be planted the same as one gallon shrubs.

4" pot material will be planted in pits the same size as or larger than the root system, then firmly tamped by hand and watered in using a fine spray.

Where settlement occurs, backfill with additional planting mix to cover exposed roots and to bring to After planting has been reviewed and approved, apply decomposed granite to a compacted depth of 2".

Thoroughly water each plant using a root stimulator solution (Green Light or equal) mixed according to the manufacturer's recommendations. 6. Neatly prune and/or clip each plant as necessary to preserve the natural character. Conduct all pruning

with sharp, clean tools and clip bruised or broken branches with a clean cut. Paint pruning cuts 2" in diameter and larger with an approved tree wound paint. Apply water as required to keep the mulch damp at all times during germination and initial growth period

or as directed by the Landscape Architect.

3.5 Lawn Installation A. Do not commence lawn installation until after the irrigation system has been completely installed and is

B. Do not commence any lawn installation until the Landscape Architect has reviewed and approved all areas prepared for sodding.

3.6 Sodded Lawns

A. Prior to spreading topsoil and in all areas to receive lawn, cultivate the subsoil to a minimum depth of 4". Cultivation may be conducted by disc, spring tooth harrow, rototiller, or similar mechanical means, and should be done in a direction perpendicular to the natural flow of water. B. After the topsoil has been spread, mechanically till the area to a depth of 4", then roll rake and drag to

remove all large clods, rocks, debris, and litter over 1" in diameter. Dispose of clutter at an off-site location. Using a lightweight, water-filled roller, roll the raked topsoil in two (2) opposite directions. Rake the rolled topsoil to a smooth, level surface, removing ridges and filling depressions. Remove all

remaining rocks and debris over 1" in diameter.

Hold the finish grade 1-1/2" below adjacent curbs, sidewalks, paving, and other hard surfaces. Apply the fertilizer at a rate of 2 lbs. per 1000 SF.

pieces, then remove excess from the top. Do not lay dormant sod.

Rake the fertilizer into the surface soil at a depth of  $\frac{1}{2}$ " to 1". Roll the fertilized topsoil in one (1) direction, water lightly of the surface soil is dry, then allow to dry. Lay the sod within 24 hours of stripping. Working from plywood boards to avoid disturbing the topsoil or sod, but the ends and sides of sod strips without overlapping, stagger strips to offset joints in adjacent courses,

and tamp or roll lightly to ensure good contact with the surface soil. Sift topsoil into minor cracks between sod

On slopes in excess of 20% (5:1), anchor sod with wooden stakes. Water sod thoroughly with a fine spray immediately after application.

Erect a barrier of stakes and ropes around the perimeter of the sodded areas and post warning signs to deter foot traffic M. Water as necessary to keep the sod damp at all times through germination and initial growth period.

3.7 Hydromulch

Fresh, clean, new-crop seed, meeting USDA rules and regulations under the Federal Seed Act and Texas Seed Law for purity and germination. 2. Free of objectionable foreign material.

Treated with approved fungicide by a commercial or state laboratory not more than 6 months prior to the date of planting.

4. Wet, moldy, or damaged seed will not be accepted.

Seed Mixture: If planting occurs between May 15 and September 1, provide Sultan bermudagrass seed at 2 lbs. PLS per 1000 SF of seeded area.

ii. If planting occurs between September 2 and May 14, provide Gulf annual ryegrass seed at 8 lbs. PLS per 1000 SF of seeded area. Return to jobsite between May 15 and May 30 after all ryegrass has died, till the hydromulch area, and re-apply the hydromulch with Sultan bermudagrass seed at 2 lbs. PLS per 1000 SF of

iii. If planting in shaded areas between September 2 and May 14, provide Hound Dog Fescue seed at 3 lbs. PLS per 1000 SF of seeded area.

Accessories Fertilizer: Commercial lawn fertilizer, water soluble, 50% slow release

Water: Clean, fresh, and free from foreign substances or material.

Glue agent: Contractor's standard type, non-detrimental to seed. Wood mulching agent: Contractor's standard type, non-detrimental to seed.

Stakes: Softwood lumber, chisel pointed. String: Organic fiber.

Hydromulching Slurry Mix Mix specified seed, fertilizer, and wood mulching agent in water, using equipment specifically designed for hydroseed application. Continue mixing until blended uniformly into a homogenous slurry suitable for

hydraulic application. Proportion slurry mix as follows:

Wood mulching agent: 45 lbs. per 1000 SF of seeded area

Water soluble fertilizer: 5 lbs. per 1000 of seeded area Glue agent: 1 lb. per 1000 SF of seeded area

Subsoil Preparation Remove from subsoil all objectionable material such as concrete waste, building debris, rubbish, weeds grass, stumps, and rocks greater than 1" in diameter.

Protect existing underground improvements. Cultivate to a depth of 3" in areas to receive topsoil. If subsoil is compacted due to equipment traffic or storage, cultivate to a depth of 6". Topsoil Spreading

Spread topsoil at minimum specified depth to required finish grade. Cultivate topsoil with a mechanical tiller to break up clods. In areas inaccessible by tiller, cultivate by

Rake until topsoil surface is smooth. Remove from the site any objectionable materials collected during cultivation. Fine grade to eliminate rough and low spots where ponding or marcelling would occur. Maintain smooth,

uniform grades, working topsoil, watering, drying, and re-grading as necessary to produce a firm, smooth, and settled soil profile. 6. The landscape subcontractor shall be responsible for assuring positive drainage regardless of the subgrade condition. If extreme or objectionable subgrade conditions exist, notify the Landscape Architect prio

to spreading topsoil. 7. Mix the specified soil amendments and fertilizer with topsoil at rates specified. Do not mix fertilizers if hydromulch will not be applied within 3 days.

. Maintain all prepared planting areas free of weeds and debris. 9. Planting area weed control shall consist of removing all existing weeds and maintaining a weed-free

condition in accordance with the approved weed control plan until project completion. 10. Protect adjacent vegetation from damage due to overspray or misplaced application of weed control chemicals. Replace all plants mistakenly treated with weed control chemicals at no cost to the Owner.

Hydroseeding Examination

Verify that the topsoil profile has been prepared in accordance with this Section and is ready to receive

ii. Apply seeded slurry with a hydraulic seeder evenly in 2 intersecting directions. Identify seeded areas with stakes and string around the entire perimeter. Space stakes at max. 15 feet O.C. and set string height to 12" above adjacent finish grade.

Maintain the construction, storage, and planting areas free from the accumulation of waste materials and

2. Clean all paved areas that become soiled during landscape installation. Remove dirt, planting materials, 3. Clean in accordance with Sections 01500 and 01700.

3.8 Cultivation and Cleanup

A. Upon completion of the planting, all excess material shall be removed and disposed of at a location off-site. Bring the finish grade in planter areas to a uniform grade, 1-1/2" below all adjacent paving or hard surfaces. Loosen the soil surrounding each individual plant to a distance of three (3) feet around each new tree and large shrub and 12" around each new small shrub and ground cover.

3.9 Maintenance and Restoration A. The Contractor will ensure adequate and proper care of all plants and work done on this project until final acceptance, but in no case less than 30 days following Substantial Completion. This will include keeping all plants in a healthy growing

condition by watering, cultivating, pruning, and spraying, keeping the planting areas free from insect infestation, weeds and grass, litter, and debris, and retaining the finish grade in a neat and uniform manner. Plant crowns, runners, and branches will be kept free of mulch at all times. B. Protect all lawn areas from vehicle and pedestrian traffic.

Repair all sod areas damaged by any cause prior to final acceptance.

D. The lawn establishment period will begin immediately after the lawn planting area has been accepted by the Landscape Architect, will extend for a minimum of 30 days or until the end of the contract, and will consist of caring for all lawn areas within the project limits of work.

E. During the lawn establishment period, the Contractor will be responsible for ensuring healthy growth of the turfgrass. This responsibility includes all labor and materials necessary keep the project in a presentable condition, including, but not limited to, litter removal, mowing, trimming, weed control, removal of grass clipping, edging, and any necessary re-sodding and repair.

F. During the lawn establishment period the Contractor will as often as conditions dictate mow the turfgrass to a cutting height of 1-1/2". The turfgrass shall never exceed 3" in height and all clipping will be removed from

G. During the months of March through September, the Contractor will edge at least once every month or as directed by the Landscape Architect.

H. During the months of March through September, the Contractor will apply water to sodded areas at an

even rate of 1" of water per week, although the Landscape Architect may change this rate as conditions I. Final acceptance of the lawn areas will be based on he presence of a uniform stand of grass at a uniform grade at the time of final inspection. Areas 24" square and large that are bare, have a poor stand of grass, or have an finish grade that is not uniform will be at the Contractor's expense re-graded, re-sodded, and

fertilized as specified herein. J. Upon completion of the initial planting, the Landscape Architect will make an inspection of all plantings and notify the Contractor in writing of any replacements or corrective actions necessary to meet the provisions of the Contract Documents. The Contract will then replace all the rejected or missing plants and perform the specified corrective measures.

K. All replacement plants will be of the same species, size, and quality. All rejected plants will be replaced within 30 days of notification.

3.10 Acceptance

A. Upon receipt of a written request from the Contractor at least seven (7) prior, the Landscape Architect will inspect the planting and maintenance to determine its completion and the beginning of the guarantee period. All plants must be alive and healthy in order for the installation to be considered complete. Where inspected work does not comply with the requirements of the Contract Documents, replace rejected work and continue to perform the specified maintenance until the Landscape Architect re-inspects the work and finds it acceptable. Remove rejected plants and materials from the site.

**END OF SECTION** 

HORIZON DESIGN AND DEVELOPMENT

PLANNING LANDSCAPE ARCHITECTURE DEVELOPMENT CONSULTING 14607 San Pedro Ave., Suite 200 San Antonio, Texas 78232 210.831.8564 jrobinson@horizondesign-sa.com



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Texas Board of Architectural

Examiners. No person may

make any modifications to this

Rosemary 126 Investors

801 E. Taylor St. Sherman, TX 75090

**PROJECT** 

Rosemary Apartments

Denison, Texas 782XX

REVISIONS

PROJECT NUMBER 2023-117

Drawn By: cd Checked By: jr

Sheet Title: LANDSCAPE

**Sheet Number:** 

PRESSURE REQUIREMENT CALCULATIONS @ ZONE No. 25						
DESIGN STATISTICS FOR CALCULATIONS						
Total Zone Flow:	43.7 g.p.m.					
Electric Valve Size:	1.5"					
Static Pressure Less 10% (static @ 65 psi):	58.5 p.s.i.					
ACCUMULATIVE LOSSES FROM CITY MAIN TO FURTHEST HEAD						
Sprinkler head requirement:	40 p.s.i.					
Zone Pipe/Fitting Loss:	1.8 p.s.i.					
1.5" Electric Valve Loss:	1.7 p.s.i.					
Elevation Net Loss (- 6 FT.):	(2.6 p.s.i.)					
System Mainline Loss (3" Sch-40 Loop Main):	.60 p.s.i.					
Backflow Preventer Loss ( 2" ):	10.5 p.s.i.					
Water Meter Loss ( 1.5" ):	3.9 p.s.i.					
Master Electric Valve Loss ( 2" ):	.50 p.s.i.					
Type K Copper Service Loss:						
Total Net Loss:	16.40 p.s.i.					
Design Pressure:	56.40 p.s.i.					
Notes: System requires a minimum of 53 psi static pressure for system to operate						

properly. Irrigation Contractor shall conduct on site pressure test to verify site pressure prior to starting work. Contractor shall notify Owner's Representative of pressure deficiencies or any other on site problems that may alter the effectiveness of the system. Pipe has been size to insure that velocity does not exceed 5 FPS. do not change pipe size in the field without consulting system designer.

TYPICAL WEEKLY SCHEDULE BASED ON PRECIPITATION RATE

Precipitation Rate (in/hr)	)	Water Desired (in/wk)	Time/Cycle (min)	No. of Zones	Total Min.	Time * Hrs.
Turf Rotor Zone MP Rotator Spray Turf Drip Zones Drip Zones Tree Bubblers	.64 .44 .85 .55 3.87	.80 .80 .80 .80 .80	75.0 107.0 60.0 88.0 12.0	23 4 5	2461 352 60	41.0 5.8 1.0
Total System Hours of Operation Per Week						47.8

\* IT WILL BE NECESSARY TO WATER MULTIPLE ZONES AT ONE TIME TO MEET WATERING WINDOW . A TYPICAL SCHEDULE WOULD ALLOW WATERING TO OCCUR TWO TIMES PER WEEK. TOTAL WATERING TIME WOULD BE DIVIDED BY THE NUMBER OF WATERING DAYS. THIS SCHEDULE IS DESIGNED FOR SUMMER WATER USAGE AND ESTABLISHMENT OF NEW PLANTING.

**CONSTRUCTION NOTES** 

- 1. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH THE SPECIFICATIONS AND ALL SUBMITTAL REQUIREMENTS. IT IS THE RESPONSIBILITY OF THE IRRIGATION CONTRACTOR TO NOTIFY THE OWNER'S REPRESENTATIVE FOR SITE INSPECTIONS AS SPECIFIED IN THE SPECIFICATIONS. FAILURE TO NOTIFY THE OWNER'S REPRESENTATIVE DOES NOT RELIEVE THE CONTRACTOR FROM INSPECTION APPROVAL AND WILL REQUIRE THE CONTRACTOR TO UNCOVER WORK AS REQUIRED FOR APPROVAL AT THE COST OF THE CONTRACTOR. IRRIGATION CONTRACTOR IS TO INFORM OWNER'S REPRESENTATIVE OF THE START
- 2. THE IRRIGATION CONTRACTOR IS REQUIRED BY LAW TO NOTIFY TEXAS ONE CALL (800-245-4545) 72 HOURS PRIOR TO ANY EXCAVATION. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR MAKING HIMSELF FAMILIAR WITH ALL UNDERGROUND UTILITIES, PIPES AND STRUCTURES. IRRIGATION CONTRACTOR SHALL TAKE SOLE RESPONSIBILITY FOR ANY COST INCURRED DUE TO DAMAGE OF SAID UTILITIES WHETHER OR NOT TEXAS ONE CALL IS NOTIFIED.
- 3. DO NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WITHOUT VERIFYING ACTUAL ON-SITE WATER PRESSURE FROM THE SOURCE. DO NOT WILLFULLY PROCEED WITH CONSTRUCTION AS DESIGNED WHEN IT IS OBVIOUS THAT UNKNOWN OBSTRUCTIONS AND/OR GRADE DIFFERENCES EXIST THAT MAY NOT HAVE BEEN KNOWN DURING DESIGN. SUCH CONDITIONS SHALL BE IMMEDIATELY BROUGHT TO THE ATTENTION OF THE OWNER'S REPRESENTATIVE. THE IRRIGATION CONTRACTOR SHALL ASSUME FULL RESPONSIBILITY FOR ALL NECESSARY REVISIONS DUE TO FAILURE TO GIVE SUCH NOTIFICATION.
- 4. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR ANY COORDINATION WITH OTHER CONTRACTORS AS REQUIRED TO ACCOMPLISH IRRIGATION INSTALLATION.
- 5. DUE TO SCALE OF DRAWINGS, IT IS NOT POSSIBLE TO INDICATE ALL OFFSETS, FITTINGS SLEEVES, ETC., WHICH MAY BE REQUIRED. IRRIGATION CONTRACTOR SHALL CAREFULLY INVESTIGATE THE STRUCTURAL AND FINISHED CONDITIONS AFFECTING ALL OF HIS WORK AND PLAN HIS WORK ACCORDINGLY, FURNISHING SUCH FITTINGS, ETC., AS MAY BE REQUIRED TO MEET SUCH CONDITIONS. DRAWINGS ARE GENERALLY DIAGRAMMATIC AND INDICATIVE OF THE WORK TO BE INSTALLED. THE WORK SHALL BE INSTALLED IN SUCH A MANNER AS TO AVOID CONFLICTS BETWEEN IRRIGATION SYSTEM, PLANTING AND ARCHITECTURAL FEATURES. THIS DESIGN IS DIAGRAMMATIC. ALL PIPING, VALVES, ETC., SHOWN WITHIN PAVED AREAS IS FOR DESIGN CLARIFICATION ONLY AND SHALL BE INSTALLED IN PLANTING AREAS AND WITHIN PROPERTY LINES.
- 6. DURING INSTALLATION IT IS THE IRRIGATION CONTRACTOR'S RESPONSIBILITY TO COORDINATE PIPING WITH THE LANDSCAPE SUBCONTRACTOR TO AVOID CONFLICT WITH PROPOSED PLANTING. IT WILL BE THE RESPONSIBILITY OF THE IRRIGATION SUBCONTRACTOR TO MOVE PIPING TO ALLOW PROPER PLACEMENT OF PLANT MATERIAL. THE IRRIGATION CONTRACTOR SHALL MAKE MINOR ADJUSTMENTS TO ENSURE PROPER COVERAGE AT NO ADDITIONAL COST TO THE OWNER.
- NO MACHINE TRENCHING IS TO BE DONE WITHIN THE DRIPLINE OF EXISTING TREES. TRENCHING IS TO BE DONE BY HAND, AIR-SPADE OR BY TUNNELING UNDER ROOT SYSTEM BY METHOD APPROVED BY LANDSCAPE ARCHITECT. PIPING LAYOUT IS DIAGRAMMATIC AND PIPING SHALL BE ROUTED AROUND EXISTING TREES AS POSSIBLE TO AVOID DAMAGE TO THE ROOT SYSTEMS. DO NOT CUT ANY ROOT OVER 3/4" DIAMETER UNLESS APPROVAL FROM THE LANDSCAPE ARCHITECT IS FIRST OBTAINED. ANY CUTS MADE SHALL BE CLEAN AND WITHOUT
- 8. IRRIGATION CONTRACTOR SHALL BE RESPONSIBLE FOR SLEEVES AND CHASES WHEREVER PIPING OR CONDUIT PASSES, UNDER ALL PAVING. THROUGH WALLS. ETC. ALL SLEEVE LOCATIONS MAY NOT BE SHOWN ON PLAN. COORDINATE WITH ARCHITECTURAL AND CIVIL DRAWINGS, GENERAL CONTRACTOR AND OTHER SUBCONTRACTORS AS REQUIRED. ALL SLEEVE AND CHASE LOCATIONS ARE NOT NOTED ON PLAN. ALL SLEEVES 4" OR LESS SHALL BE SCH-40 PVC, ALL SLEEVES 6" OR GREATER SHALL BE CLASS-200 PVC. ALL SLEEVES TO BE SIZED TWICE THE DIAMETER OF PIPE OR COMBINATION OF PIPES ENCLOSED WITHIN THE SLEEVE.
- 9. CONFIRM STATIC WATER PRESSURE AT LEAST 7 DAYS BEFORE BEGINNING WORK. IF STATIC WATER PRESSURE IS LESS THAN STATED IN PRESSURE CALCULATIONS DO NOT PROCEED UNTIL DIRECTED SO BY THE LANDSCAPE ARCHITECT. IF ACTUAL SITE STATIC PRESSURE EXCEEDS DESIGN PRESSURE BY 15 P.S.I. IN ANY ZONE, A PRESSURE REDUCING VALVE SHALL BE INSTALLED. REFER TO DETAILS FOR MODEL.
- 10. ADJUSTABLE FLOW CONTROLS SHALL BE REQUIRED ON CIRCUIT REMOTE CONTROL VALVE. PRESSURE AT ANY POINT WITHIN A ZONE SHALL NOT VARY BY MORE THAN 10% FROM THE DESIGN SPRINKLER OPERATING PRESSURE. SEE SPECIFICATIONS FOR TESTING.
- 11. THE CONTRACTOR SHALL BE A REGISTERED LICENSED IRRIGATOR IN THE STATE OF TEXAS. CONTRACTOR MUST CONFORM TO ALL CODES AS STATED IN SECTION 344 OF THE TEXAS WATER CODE AS OUTLINED BY TCEQ.
- 12. OBTAIN COVERAGE TEST APPROVAL FROM OWNER'S REPRESENTATIVE PRIOR TO PLANTING, SODDING OR SEEDING.
- 13. ALL UNDESIGNATED END LATERAL PIPING SHALL BE  $\frac{1}{2}$ " IN SPRAY ZONES AND  $\frac{3}{4}$ " IN ROTOR ZONES.
- 14. SPRINKLER HEAD SPACING SHALL NOT EXCEED 50% OF SPRAY DIAMETER BASED ON MANUFACTURERS OPERATING SPECIFICATIONS. SPRINKLER HEAD SPACING SHALL BE DESIGNED FOR HEAD-TO-HEAD COVERAGE OR HEADS SHALL BE SPACED AS PER MANUFACTURER'S RECOMMENDATIONS AND ADJUSTED FOR PREVAILING WINDS. THE SYSTEM SHALL BE DESIGNED SO THAT IRRIGATION IS NOT APPLIED TO VEHICULAR TRAFFIC LANES, OTHER PAVEMENT OR STRUCTURES.
- 15. ALL ROTORS SHALL BE LOCATED 12" FROM PAVEMENT, CURBS OR EDGE OF STRUCTURE, ALL SPRAY HEADS SHALL BE LOCATED 6" FROM PAVEMENT, CURBS OR EDGE OF STRUCTURE.
- 16. VALVE AND CIRCUITS SHALL BE SEPARATED BASED ON WATER USE, SO THAT TURF AREAS ARE WATERED SEPARATELY FROM SHRUB AND GROUND COVER AREAS. IRRIGATION HEADS IN THE TURF AREAS WILL BE VALVED SEPARATELY FROM SHRUB AND/OR GROUND COVER AREAS. IT IS RECOMMENDED THAT SEASONAL COLOR AREAS BE WATERED SEPARATELY. UNDER NO CIRCUMSTANCES ARE ZONE TYPES TO BE COMBINED I.E. ROTARY HEADS WITH SPRAYS, TURF AREAS WITH PLANTING BEDS.
- 17. IT IS THE CONTRACTORS RESPONSIBILITY TO CONFIRM STATIC PRESSURE ON SITE PRIOR TO STARTING WORK. REFER TO NOTES #9 AND #10.
- 18. IT IS THE IRRIGATION CONTRACTOR'S RESPONSIBILITY TO SECURE ALL REQUIRED PERMITS AND PAY ALL ASSOCIATED FEES UNLESS OTHERWISE NOTED. ALL LOCAL CODES SHALL PREVAIL OVER ANY DISCREPANCIES CONTAINED IN THESE DOCUMENTS.
- 19. UNSLEEVED PIPES MAY BE SHOWN UNDER PAVEMENT FOR GRAPHIC CLARITY. INSTALL PIPES IN ADJACENT SLEEVES WITHIN LANDSCAPE AREAS.
- 20. 120 VAC ELECTRICAL POWER SOURCE AT CONTROLLER LOCATION SHALL BE PROVIDED BY OTHERS. THE IRRIGATION CONTRACTOR SHALL MAKE THE FINAL CONNECTION FROM THE ELECTRICAL SOURCE TO THE CONTROLLER WITH A HARDWIRE CONNECTION APPROVED AND INSTALLED BY A LICENSED ELECTRICIAN.
- 21. SPRINKLER HEADS SHALL HAVE MATCHED PRECIPITATION RATES WITHIN EACH CONTROL VALVE CIRCUIT
- 22. SERVICEABLE CHECK VALVES SHALL BE REQUIRED ADJACENT TO PAVED AREAS WHERE ELEVATION DIFFERENCES MAY CAUSE LOW HEAD DRAINAGE.
- 23. ALL AUTOMATIC IRRIGATION SYSTEMS SHALL BE EQUIPPED WITH A CONTROLLER CAPABLE OF DUAL OR MULTIPLE PROGRAMMING. CONTROLLERS SHALL HAVE MULTIPLE CYCLE START CAPACITY AND A FLEXIBLE CALENDAR PROGRAM, INCLUDING THE CAPABILITY OF BEING SET TO WATER EVERY FIVE DAYS. ALL AUTOMATIC IRRIGATION SYSTEMS SHALL BE EQUIPPED WITH A RAIN SENSOR SHUT-OFF DEVICE.
- 24. ALL IRRIGATION WIRES SHALL BE UL LISTED FOR DIRECT UNDERGROUND BURIAL AND SHALL BE SIZED PER THE MANUFACTURER'S RECOMMENDATIONS. 3M-DBY WATERPROOF CONNECTORS TO BE USED ON ALL WIRE CONNECTIONS. SUBMIT SAMPLE TO
- 25. ALL IRRIGATION HEADS SHALL BE ADJUSTED TO MINIMIZE OVER-SPRAY ONTO ALL IMPERVIOUS SURFACES.
- 26. ALL PIPE CONNECTIONS SHALL BE PRIMED WITH AN APPROVED COLOR PRIMER BEFORE BEING CHEMICAL WELDED.
- 27. AFTER AWARD OF CONTRACT AND BEFORE ANY IRRIGATION SYSTEM MATERIALS ARE ORDERED FROM SUPPLIERS OR DELIVERED TO THE JOB SITE, SUBMIT TO THE OWNER A COMPLETE LIST OF ALL IRRIGATION SYSTEM MATERIALS, OR PROCESSES PROPOSED TO BE FURNISHED AND INSTALLED AS PART OF THIS CONTRACT. THE LANDSCAPE ARCHITECT OR OWNER'S AUTHORIZED REPRESENTATIVE WILL ALLOW NO SUBSTITUTIONS WITHOUT PRIOR WRITTEN ACCEPTANCE. MANUFACTURER'S WARRANTIES SHALL NOT RELIEVE THE CONTRACTOR OF HIS LIABILITY UNDER THE GUARANTEE. SUCH WARRANTIES SHALL ONLY SUPPLEMENT THE GUARANTEE.
- 29. ALL TEMPORARY IRRIGATION SHALL BE DESIGNED PRIOR TO INSTALLATION BY A STATE OF TEXAS LICENSED IRRIGATOR. THE DESIGN IS TO BE SUBMITTED FOR APPROVAL PRIOR TO COMMENCING INSTALLATION OF THE TEMPORARY SYSTEM.
- 30. IRRIGATION CLOSEOUT DOCUMENTS SHALL INCLUDE A WATER BUDGET. A LAMINATED COPY OF THE WATER BUDGET SHALL BE PERMANENTLY INSTALLED INSIDE THE IRRIGATION CONTROLLER DOOR.
  - A. CHART CONTAINING ZONE NUMBER, PRECIPITATION RATE AND GPM. B. LOCATION OF EMERGENCY IRRIGATION SYSTEM SHUT-OFF VALVE.

W DEDICATED 1.5" IRRIGATION WATER METER.

REDUCED PRESSURE BACKFLOW DEVICE, 2" FEBCO 860, INSTALLED PER LOCAL CODES.

2" MASTER VALVE, SUPERIOR 3200-200 NORMALLY CLOSED VALVE

DATA INDUSTRIAL FLOW SENSOR IN A TEE THE SIZE OF THE MAINLINE

MP ROTATOR NOZZLE 90°-210°; SIZE AS SPECIFIED ON PLAN.

■ MP ROTATOR NOZZLE 210°-270°; SIZE AS SPECIFIED ON PLAN. MP ROTATOR NOZZLE 360°; SIZE AS SPECIFIED ON PLAN.

M# MP ROTATOR; M35-M3500, M3-MP 3000, M2-MP 2000, M1-MP 1000, M8-M800SR, MC-MP CORNER, MR,MS,ML- MP SIDESTRIPS AND END STRIPS NOTE: ALL MP ROTATOR SPRAY HEADS ARE TO BE HUNTER

PROS-06-PRS40-CV SPRAY BODY; PROVIDE CHECK VALVE AT LOW HEAD (1) INSTALL TWO ROWS OF DRIP LINE EVENLY SPACED. USE TLHCVXR7-18. IF BED AREA EXCEEDS 36", INSTALL THREE ROWS EVENLY SPACED. INSTALL STAPLES @ MAX. 3' O.C TO SECURE

© NETAFIM DRIP CONTROL ZONE VALVE - REFERENCE DETAILS

REMOTE CONTROL VALVE, SUPERIOR 3200-200 HUNTER HQ-33-DRC QUICK COUPLING VALVE WITH HK-33 KEY

MANUAL VALVE- SIZE OF MAINLINE

# ZONE IDENTIFICATION

#"## ZONE SIZE IN GALLONS PER MINUTE ——— VALVE SIZE THIS ZONE

# ZONE IDENTIFICATION — ZONE SIZE IN GALLONS PER MINUTE

> —— HATCH PATTERN INDICATES BED/TURF AREAS TO BE INCLUDED THIS ZONE — VALVE SIZE THIS ZONE

- DRIPLINE; NETAFIM TLHCVXR7-18 FOR SURFACE PLANTING BEDS, ROWS SPACED AT 18 INCHES NETAFIM TLHCVXR7-12 FOR SURFACE PLANTING BEDS WITH SLOPES GREATER THAN 3:1 NETAFIM TLHCVXR5-12 FOR SUBSURFACE TURF, ROWS SPACED AT 12 INCHES

- DRIP SUPPLY LINE, SCH 40 PVC, SIZE PER PLAN.

TREE BUBBLER ASSEMBLY ON 6" POP UP

CONTROLLER - HUNTER A2C CONTROLLER, FINAL LOCATION IS TO BE DETERMINED AFTER CONSULTING WITH OWNER'S REPRESENTATIVE.

WEATHER SENSOR - HUNTER WIRELESS SOLAR-SYNC WEATHER SENSOR. FINAL LOCATION IS TO BE DETERMINED AFTER CONSULTING WITH OWNER'S REPRESENTATIVE.

MAIN LINE - USE SCH-40 PVC PIPE, SIZE AS INDICATED ON PLANS

1-1/2" LATERAL LINE - USE CLASS 315 ON 1/2" PIPE AND CLASS 200 IPS PVC ON 3/4" AND LARGER PIPE. DO NOT DEVIATE ON SIZING WITHOUT CONSULTING WITH PROJECT DESIGNER.

> SLEEVE - USE TWO (2) SIZES LARGER THAN SPRINKLER PIPE DESIGNATED FOR CROSSING PAVING ON ALL LATERAL LINES. USE SCH-40 PVC PIPE, VALVE WIRING MAY BE RUN IN THE SAME

NOTE: REFER TO SHEET LI 2.1 to LI 2.3 FOR DETAILS

FIELD LOCATE BY STAKING, THE CONTROLLER, WATER METER, BACKFLOW DEVICE, MASTER VALVE AND FLOW SENSOR FOR APPROVAL BY LANDSCAPE ARCHITECT PRIOR TO INSTALLATION.

STATEMENT OF IRRIGATION DESIGN STANDARDS CONFORMITY: This plan is complete and conforms to the design and installation parameters of the irrigation design and equipment standards set out by the City of Denison, Texas and

TCEQ (Texas Commission on Environmental Quality).

Wade O. Radlet TX LI # 22397

1. THE IRRIGATION CONTRACTOR SHALL COMPLY WITH ALL LOCAL AND STATE MANDATED IRRIGATION ORDINANCES AND CODES AND WILL SECURE ALL REQUIRED PERMITS.

2. ALL WIRES, CONTROL VALVES, AND PRESSURIZED WATER SUPPLY LINES SHALL NOT BE LOCATED WITHIN THE EXISTING ROW OR OUTSIDE PROPERTY BOUNDARIES.

"Irrigation in Texas is regulated by the Texas Commission on Environmental Quality (TCEQ), MC-178, PO Box 13087, Austin, Texas 78711-3087 TCEQ's website is: www.tceq.state.tx.us"

> PROJECT NUMBER 2023-117

Drawn By: pra Checked By: jr

Sheet Title:

IRRIGATION NOTES & LEGEND

HORIZON DESIGN AND DEVELOPMENT

PLANNING LANDSCAPE ARCHITECTURE

DEVELOPMENT CONSULTING

14607 San Pedro Ave., Suite 200

San Antonio, Texas 78232 210.831.8564 jrobinson@horizondesign-sa.com

WADE O. RADIE

Rosemary 126

Investors

801 R. Taylor St

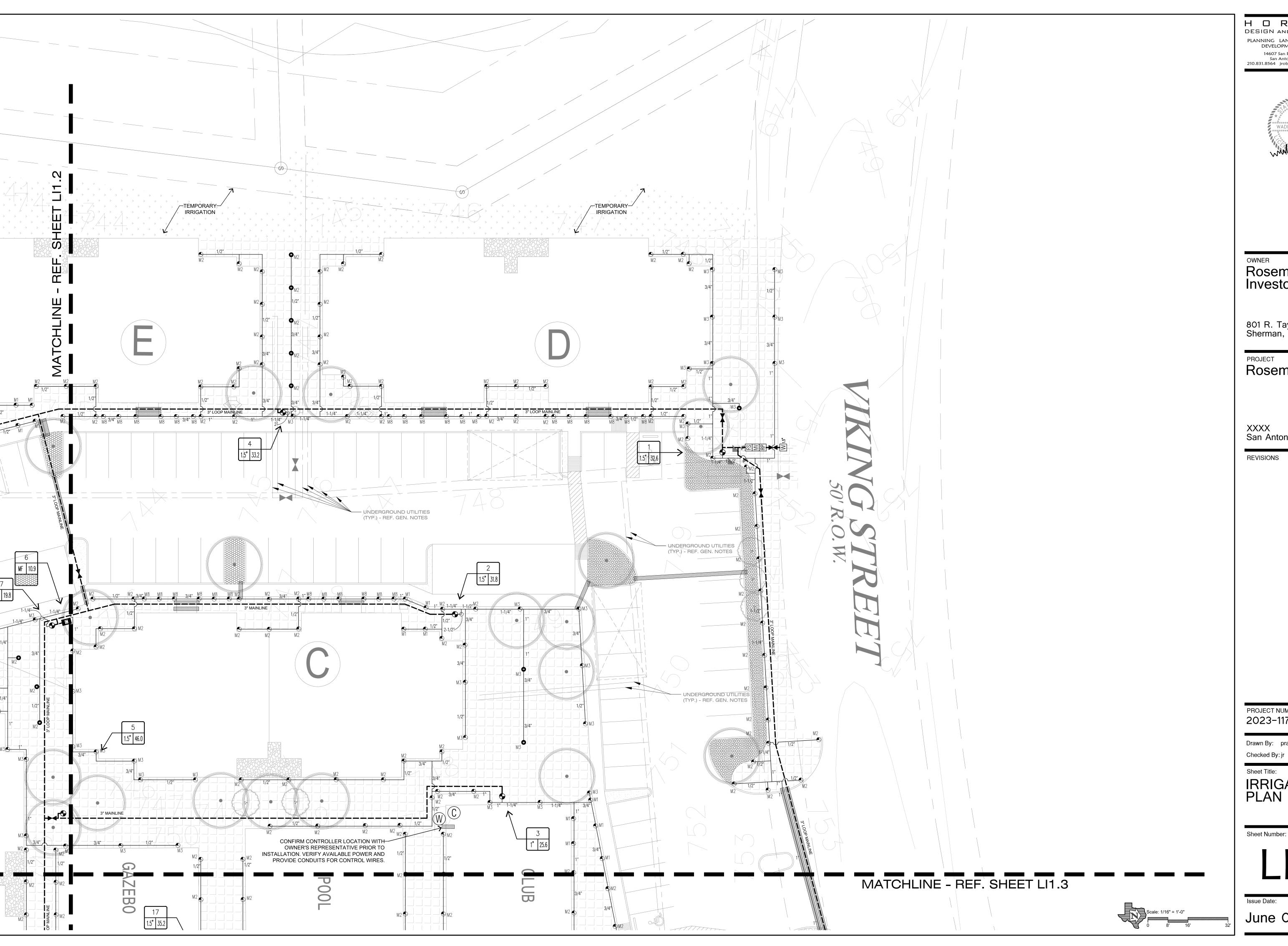
Sherman, TX 75090

Denison, Texas 782XX

REVISIONS

Rosemary Apartments

**Sheet Number:** 



HORIZON DESIGN AND DEVELOPMENT PLANNING LANDSCAPE ARCHITECTURE DEVELOPMENT CONSULTING 14607 San Pedro Ave., Suite 200 San Antonio, Texas 78232 210.831.8564 jrobinson@horizondesign-sa.com



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PROJECT

Rosemary Apartments

XXXX San Antonio, Texas 782XX

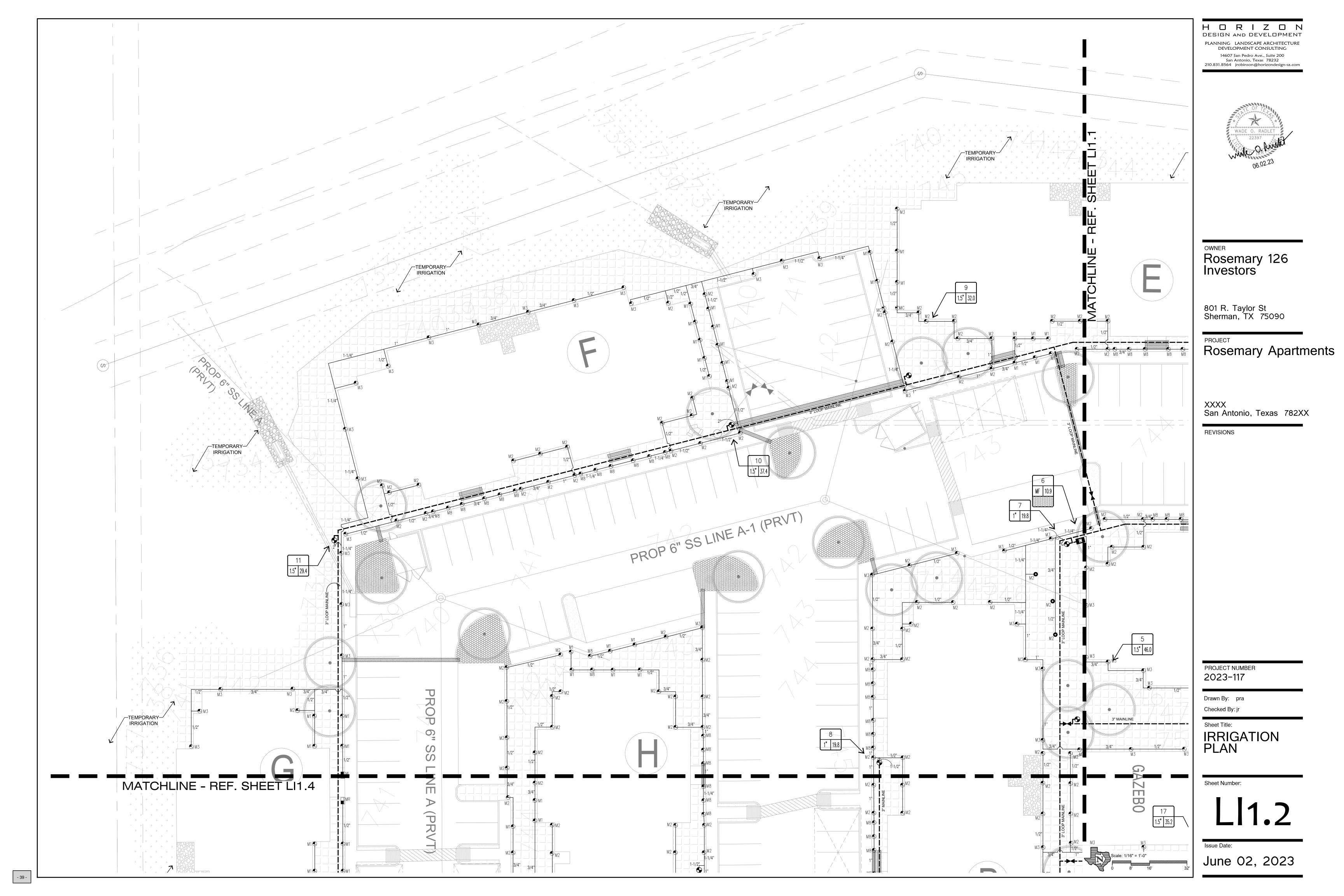
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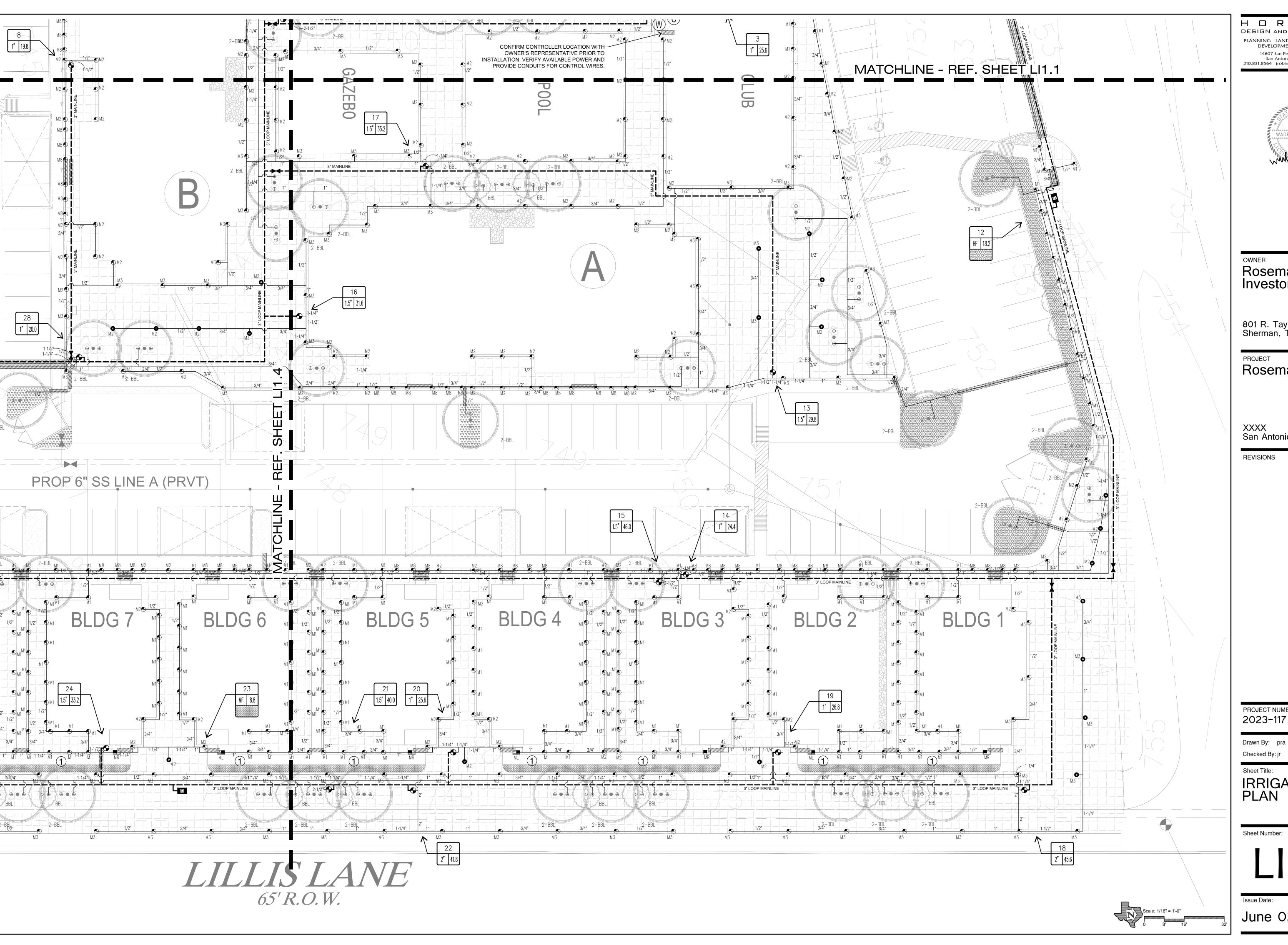
PROJECT NUMBER 2023-117

Drawn By: pra

Sheet Title: IRRIGATION PLAN

Issue Date:





H O R I Z O N Design and development PLANNING LANDSCAPE ARCHITECTURE DEVELOPMENT CONSULTING 14607 San Pedro Ave., Suite 200 San Antonio, Texas 78232 210.831.8564 jrobinson@horizondesign-sa.com



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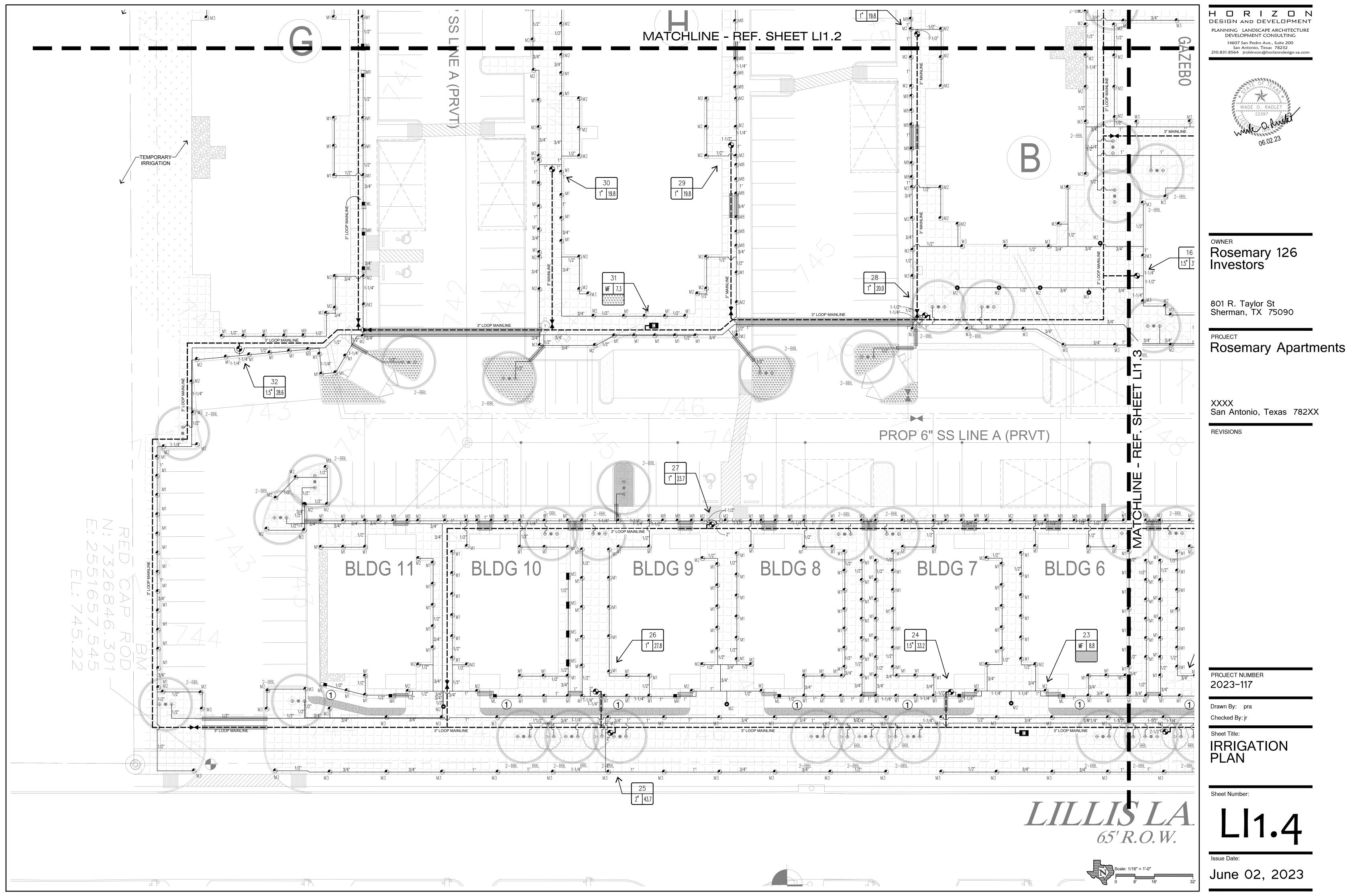
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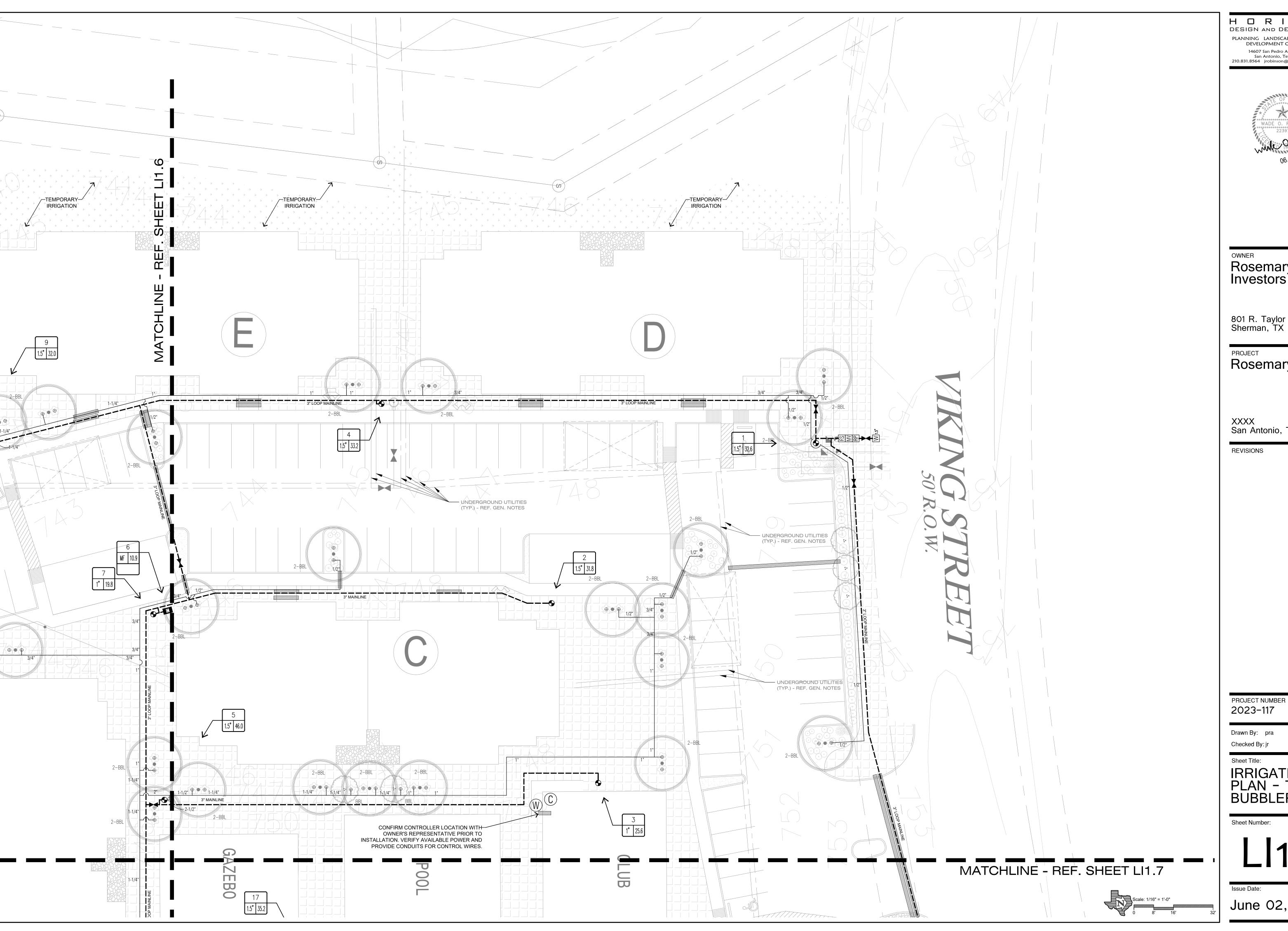
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PROJECT NUMBER 2023-117

IRRIGATION PLAN





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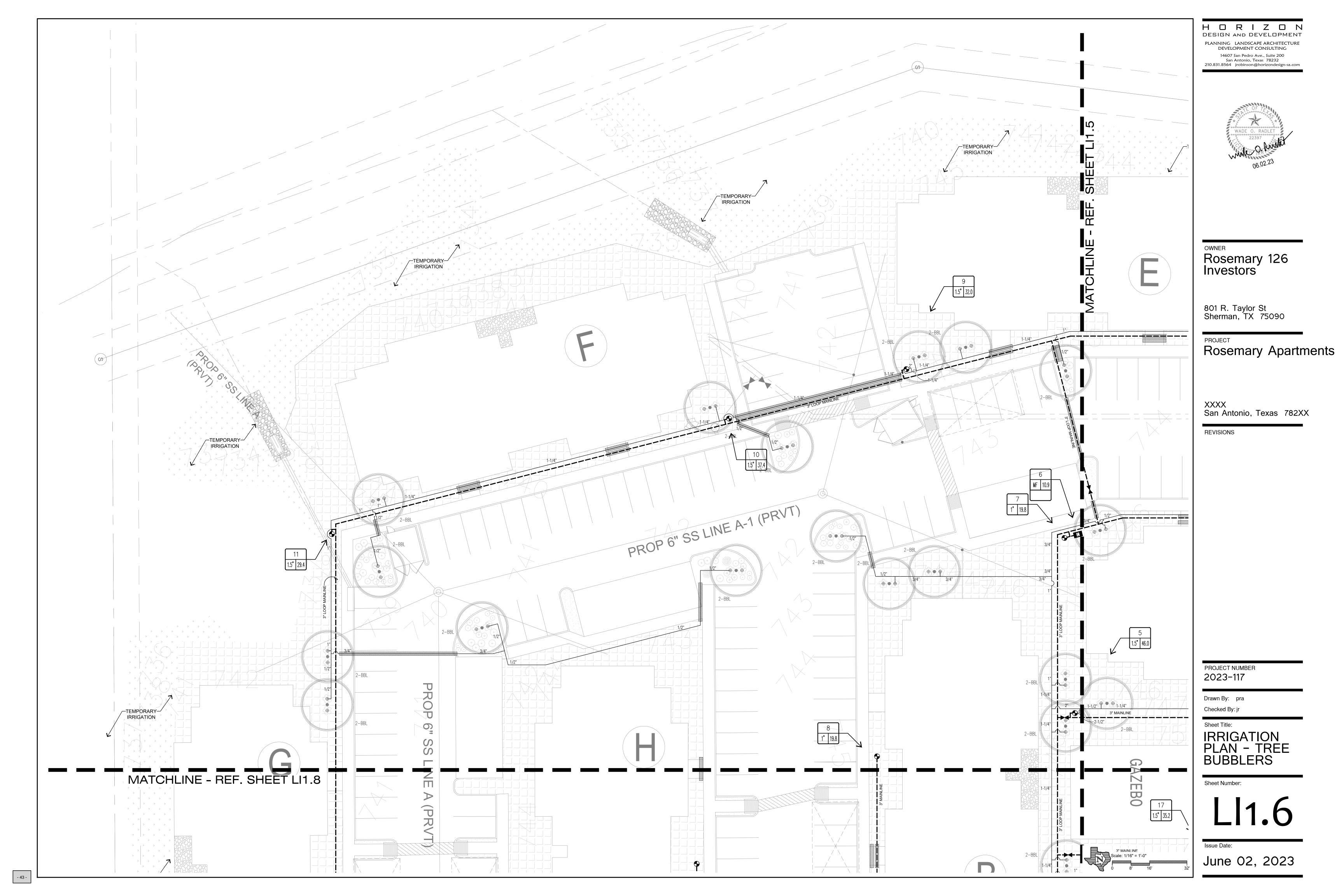
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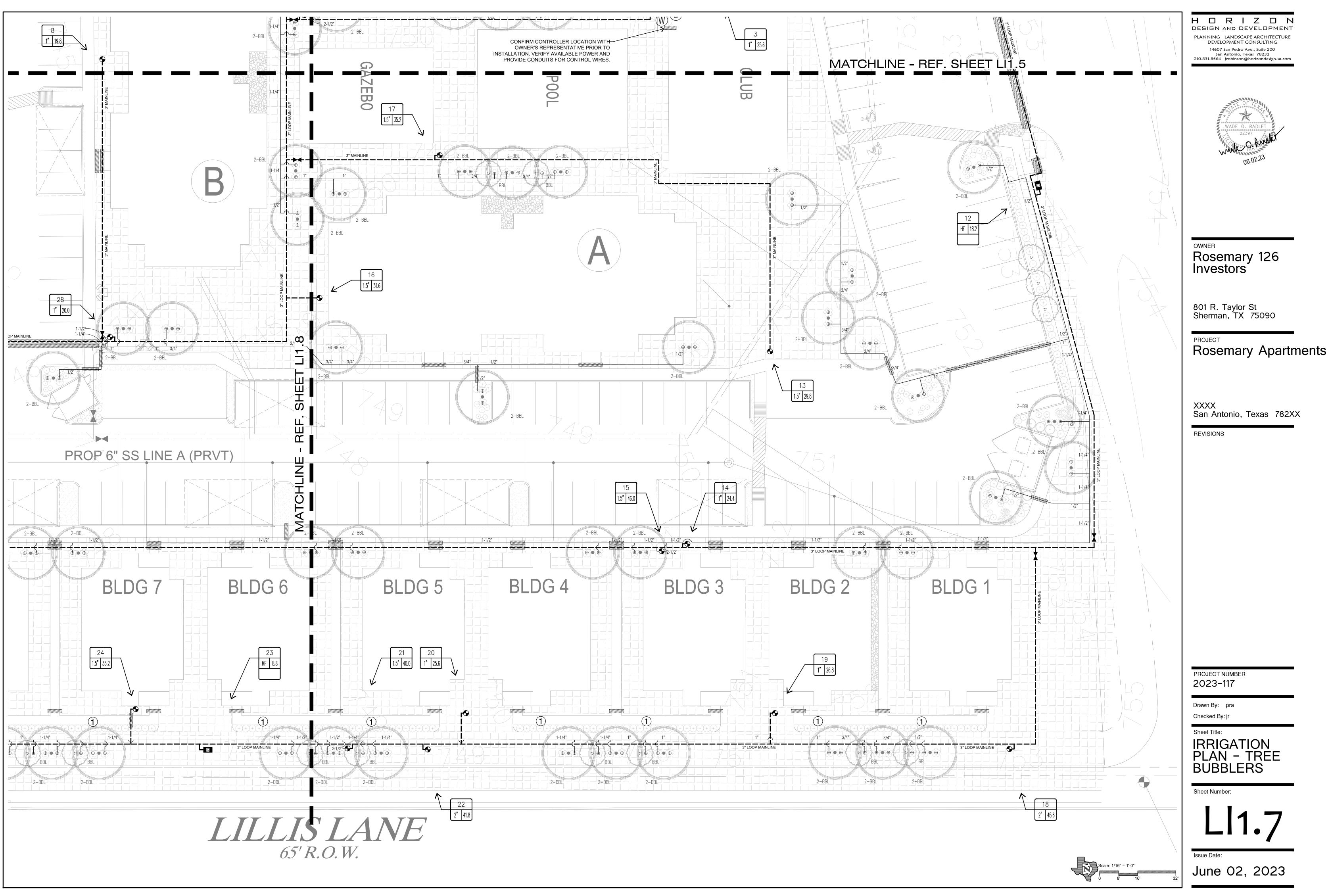
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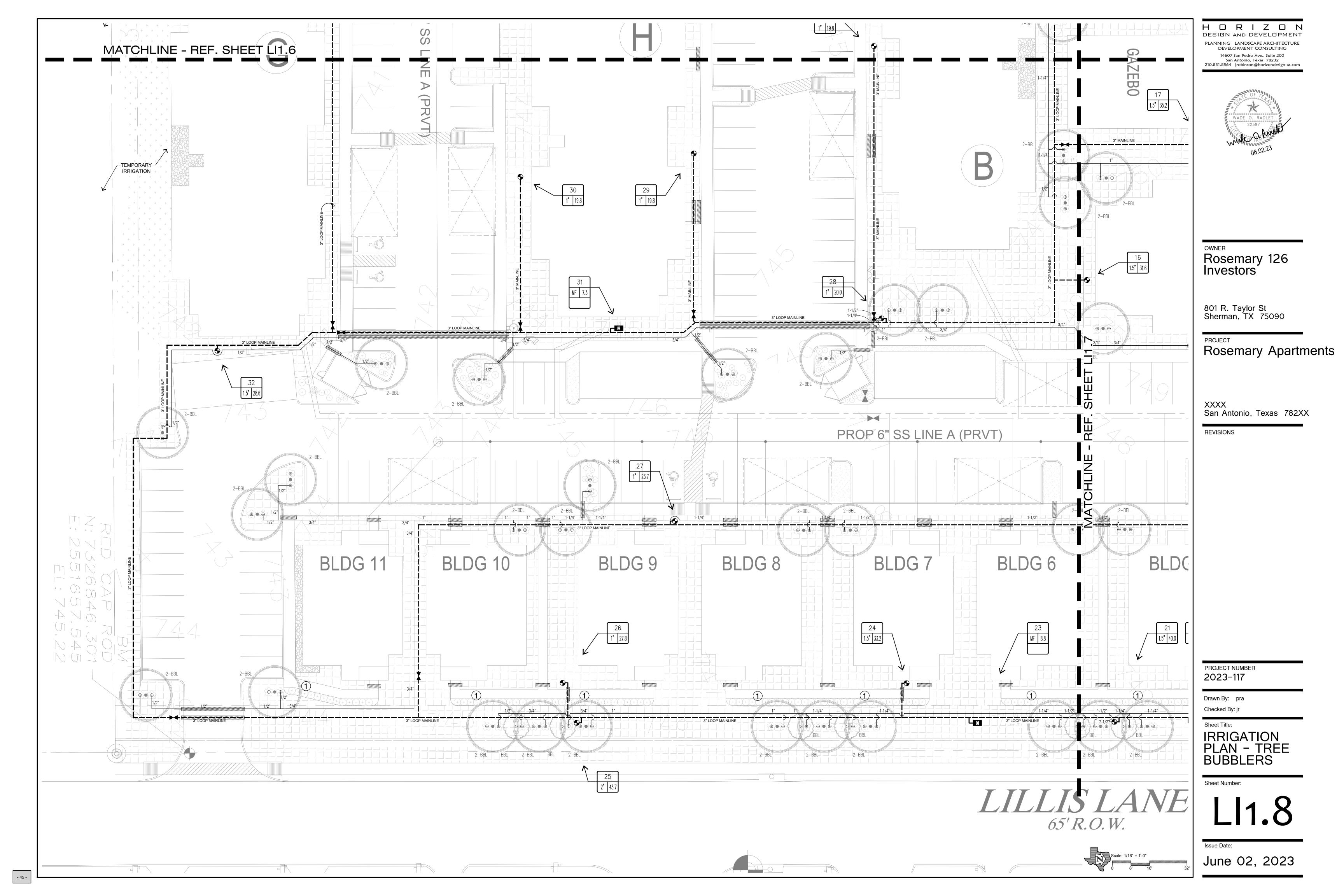
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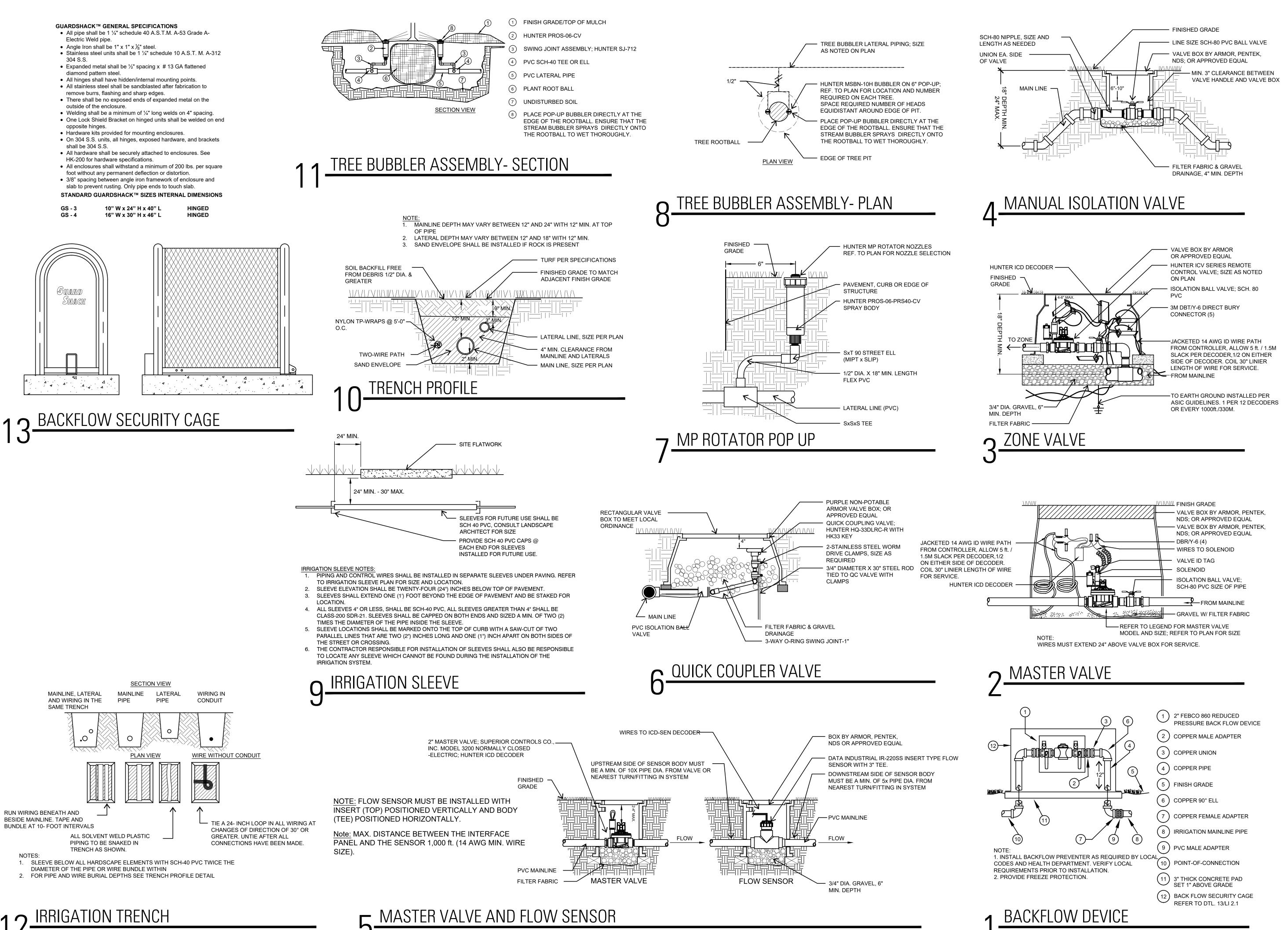
IRRIGATION PLAN - TREE BUBBLERS

Sheet Number:









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OWNER Rosemary 126 Investors

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Rosemary Apartments

San Antonio, Texas 782XX

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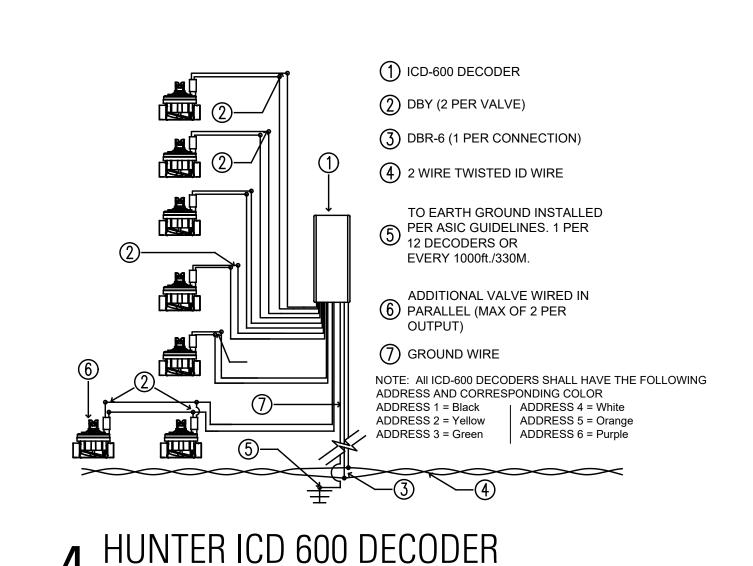
BACKFLOW DEVICE

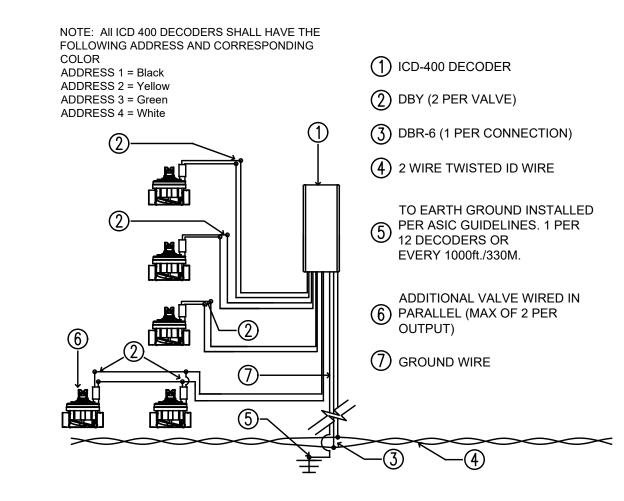
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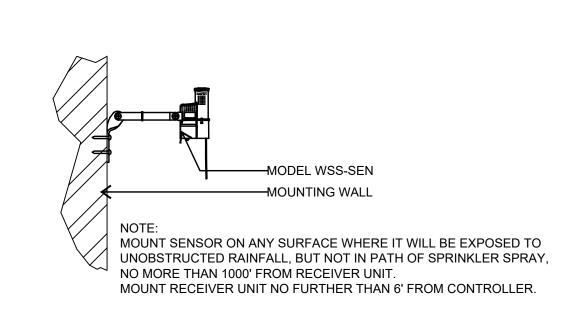
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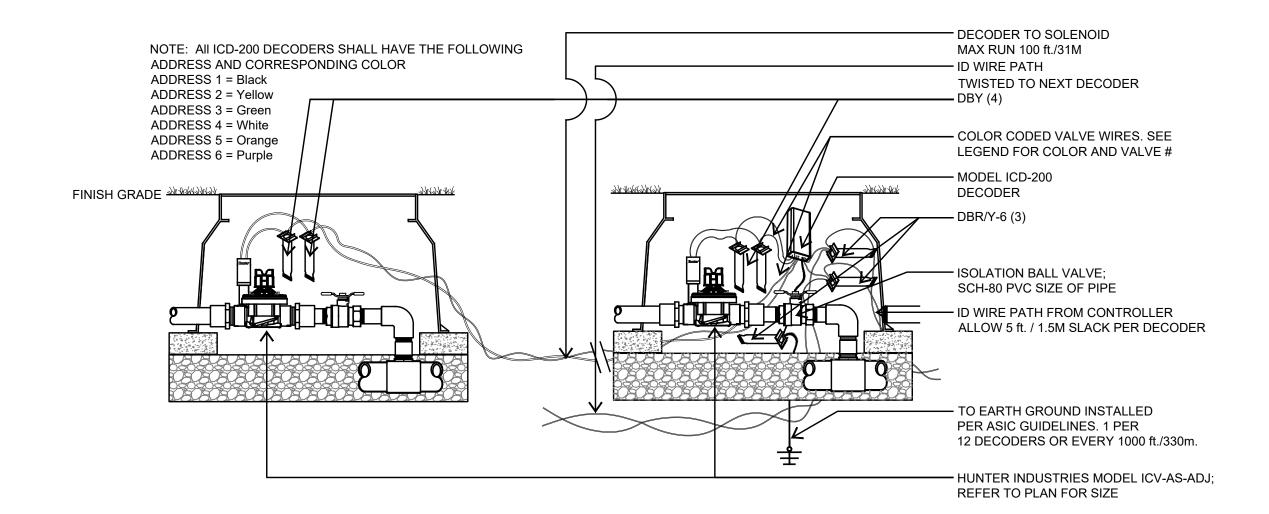
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Sheet Number:



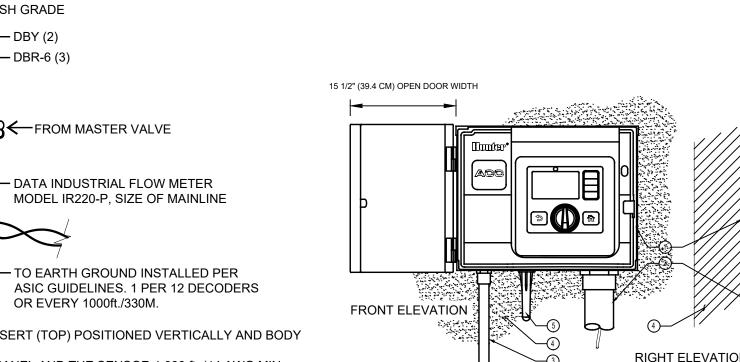


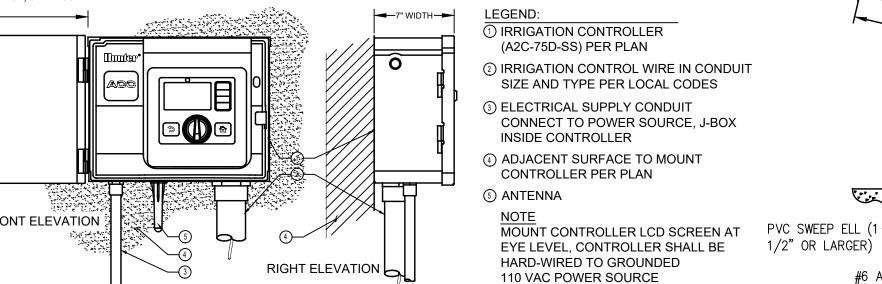




HUNTER ICD 200 DECODER

**7** WEATHER SENSOR





-ELECTRODE SPHERE INFLUENCE BOUNDARIES COPPER GROUND PLATE (4" X 96" X .0625") —CONTROLLER EARTH CONTACT MATERIAL #6 AWG SOLID BARE COPPER WIRES GROUND PLATES

ADDRESS AND CORRESPONDING COLOR ADDRESS 1 = Black - ID WIRE PATH TWISTED TO NEXT DECODER - VALVE ID TAG - TWO BLACK WIRES TO VALVE SOLENOID/UP TO 100FT/31M - MODEL ICD-100 FINISH GRADE DECODER - VALVE BOX BY ARMOR, PENTEK, NDS, OR APPROVED EQUAL -ISOLATION BALL VALVE; SCH-80 PVC SIZE OF PIPE ID WIRE PATH FROM CONTROLLER, ALLOW 5 ft. / 1.5M SLACK PER DECODER,1/2 ON EITHER SIDE OF DECODER. COIL 30" LINIER LENGTH OF WIRE FOR SERVICE. ·HUNTER INDUSTRIES MODEL ICV-AS-ADJ; REFER TO PLAN FOR SIZE **1** HUNTER ICD 100 DECODER

NOTE: All ICD-100 DECODERS SHALL HAVE THE FOLLOWING

1. FLOW SENSOR MUST BE INSTALLED WITH INSERT (TOP) POSITIONED VERTICALLY AND BODY (TEE) POSITIONED HORIZONTALLY. 2. MAX. DISTANCE BETWEEN THE INTERFACE PANEL AND THE SENSOR 1,000 ft. (14 AWG MIN

FINISH GRADE

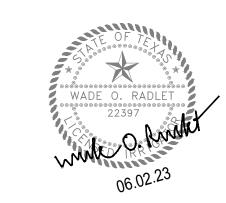
- VALVE BOX BY ARMOR, PENTEK, NDS; OR APPROVED EQUAL — MODEL ICD-SEN DECODER

3. UPSTREAM SIDE OF SENSOR BODY MUST BE A MIN. OF 10X PIPE DIA. FROM VALVE OR NEAREST TURN/FITTING IN SYSTEM

RRIGATION CONTROLLER

HUNTER LIGHTNING PROTECTION DIAGRAM

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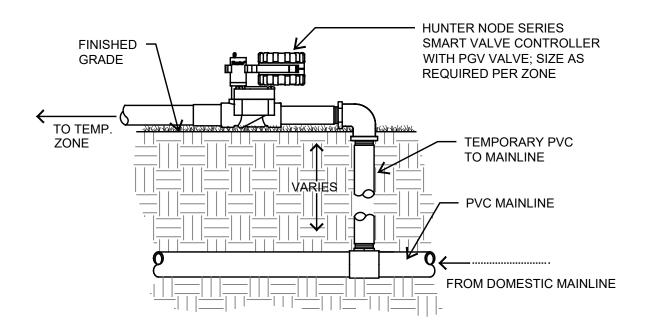
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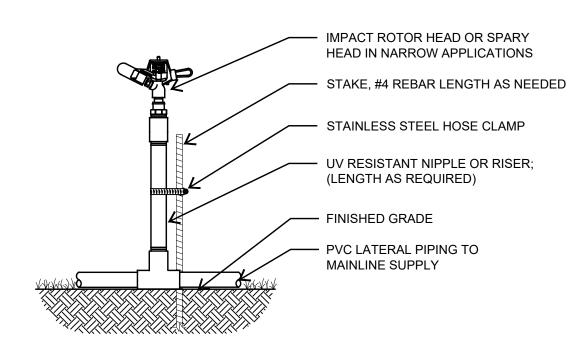
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Sheet Title: IRRIGATION DETAILS

Sheet Number:



## 1 1 TEMPORARY CONTROLLER/VALVE



- NOTE
- TEMPORARY IRRIGATION SYSTEMS MUST BE INSTALLED BY A LICENSED IRRIGATOR OR AN IRRIGATION TECHNICIAN UNDER THE SUPERVISION OF A LICENSED IRRIGATOR.
- TEMPORARY IRRIGATION SYSTEMS MUST MEET THE BACKFLOW PREVENTION REQUIREMENTS IN SUBCHAPTER E OF THIS CHAPTER (RELATING TO BACKFLOW
- PREVENTION AND CROSS-CONNECTIONS).

  3. TEMPORARY IRRIGATION SYSTEMS MUST BE INSTALLED IN ACCORDANCE WITH §344.1(45)
- OF THIS TITLE (RELATING TO DEFINITIONS).

  4. TEMPORARY IRRIGATION SYSTEMS MUST HAVE ESTABLISHED A DEFINITE END DATE AT
- WHICH TIME THE TEMPORARY IRRIGATION SYSTEM MUST BE REMOVED.

  5. ALL COVERAGE SHALL BE HEAD TO HEAD.
- SYSTEM SHALL BE DESIGNED TO AVOID ANY OVERSPRAY ONTO SIDEWALKS AND STREETS.
   TEMPORARY IRRIGATION SYSTEM ZONE VALVES SHALL BE HUNTER NODE CONTROLLER VALVES, CONTRACTOR SHALL CLUSTER VALVE LOCATIONS WHERE POSSIBLE TO COMBINE ZONES ON MULTIPLE VALVE CONTROLLERS (NODE-200, NODE-400, ETC...)
- 8. NO PIPING SHALL BE RUN WITHIN THE PROTECTION ZONE OF EXISTING TREES UNLESS APPROVED BY LANDSCAPE ARCHITECT.
- 9. CONTRACTOR SHALL VERIFY ON-SITE AND BY CONSULTING WITH LANDSCAPE ARCHITECT AREAS THAT WILL REQUIRE TEMPORARY IRRIGATION PRIOR TO DESIGN AND INSTALLATION
- 10. USE #4 X 24" REBAR ROD WITH "J" HOOKED RADIUS AT ONE END TO HOLD PIPE SECURELY IN PLACE. INSTALL AT INTERVALS OF 10 FEET.

# TEMPORARY IRRIGATION HEAD INSTALLATION

- 1.) DRIP LINE SHALL BE BURIED 3" TO 5" BELOW FINISHED SOIL GRADE IN PLANTING BEDS AFTER PLANTING AND BEFORE MULCH AND 4" TO 6" BELOW FINISHED GRADE IN TURF AREAS.
- 2.) STAGGER EMITTER SPACING IN PARALLEL ROWS TO CREATE TRIANGULAR
- WETTING PATTERN.
  3.) ALL DRIP LINE SHALL BE SECURED USING SOIL STAPLES AS SUPPLIED BY THE
- MANUFACTURER SPACED A MAX. OF 3' ON CENTER.

  4.) DRIP LATERALS SHOWN ON THE PLANS ARE USED TO INDICATE ZONING SIZES AND RELATIONSHIPS. INSTALLATION OF DRIP ZONES SHALL FOLLOW ONE OF THE TWO METHODS DESCRIBED IN DTLS. 2/3-LI 2.3. AND NETAFIM'S RECOMMENDED
- INSTALLATION SPECIFICATIONS.
  5.) NETAFIM HCVXR SERIES DRIP LINE SHALL BE USED AS FOLLOWS;
  TURF AREAS; TLHCVXR5-12, ROWS SPACED AT 12 INCHES
  BED AREAS; TLHCVXR7-18, ROWS SPACED AT 18 INCHES
- BED AREAS WITH SLOPE 3:1 OR MORE; TLHCVXR7-12

  6.) WHEN CONFLICTS OCCUR BETWEEN THESE DRAWINGS AND THE MANUFACTURER'S SPECIFICATIONS DEFER TO THE MANUFACTURER'S RECOMMENDED SPECIFICATIONS.
- 7.) EACH DRIP ZONE SHALL HAVE A DRIP SYSTEM OPERATION INDICATOR, AS MANUFACTURED BY NETAFIM. INSTALL PER NETAFIM RECOMMENDATIONS.

### PROPER SIZING OF SUPPLY AND EXHAUST HEADERS (17MM HCVXR SERIES DRIPLINE)

TOTAL ZONE FLOW

PIPE SIZE

UP TO 5 GPM

1/2" SCH 40 PVC or 1/2" CLASS 315 PVC

5.1 TO 8 GPM

3/4" CLASS 200 PVC

8.1 TO 13 GPM

1" CLASS 200 PVC

13.1 TO 22 GPM

1-1/4" CLASS 200 PVC

22.1 TO 31 GPM

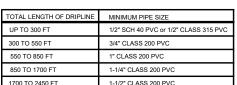
1-1/2" CLASS 200 PVC

NOTE: A 45 PSI PRESSURE REGULATOR IS RECOMMENDED TO OBTAIN MAXIMUM RUN LENGTHS AND MAXIMIZE ZONE SIZE WHEN INSTALLING HCVXR SERIES DRIPLINE.

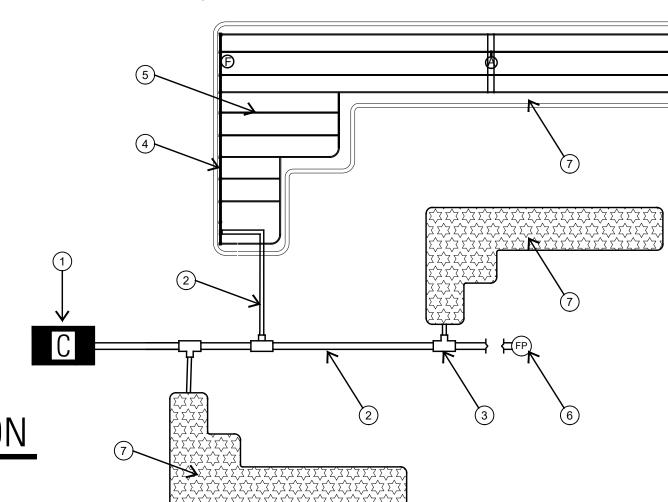
O DRIP DESIGN NOTES



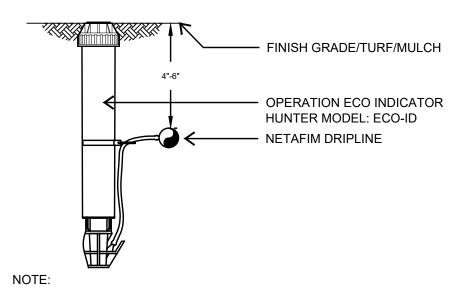
2 PVC SUPPLY LINE; SIZE PER CHART BELOW



- 3 PVC SCH-40 TEE OR EL (TYPICAL)
- (4) SUPPLY HEADER; PVC SCH 40 WITH INSERT FITTINGS
- 5 LANDSCAPE DRIPLINE TUBING; NETAFIM TLHCVXR7-18 FOR PLANTING NETAFIM TLHCVXR5-12 FOR TURF
- (6) DRIPLINE FLUSH POINT (SEE NETAFIM DETAIL: FLUSH VALVE)
- 7 DRIP AREA; DEFINED BY HATCH ASSOCIATED TO ZONE TAG ON PLANS

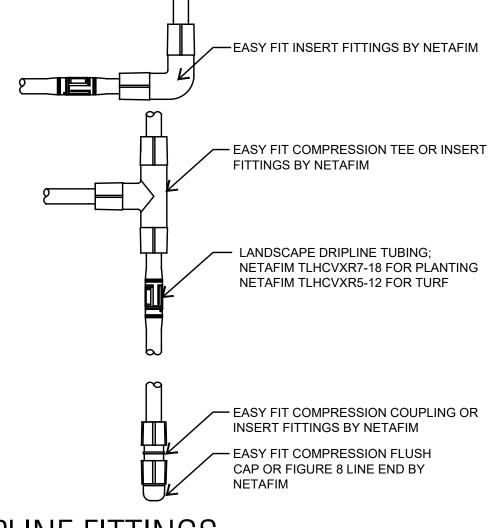




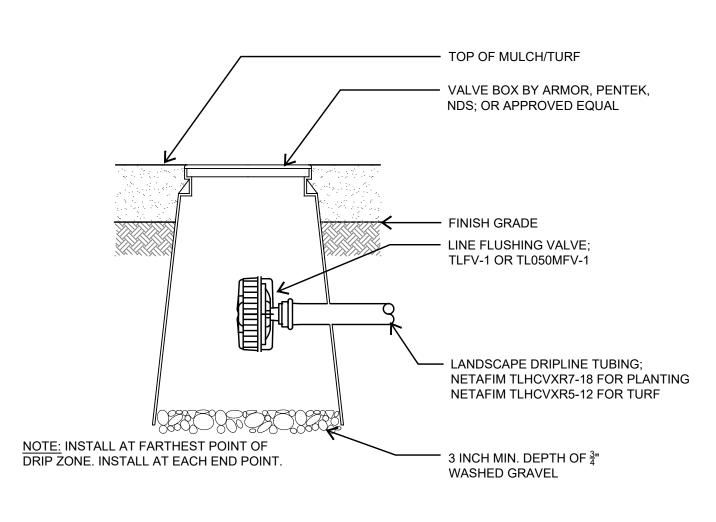


 INSERT BARB TRANSFER FITTING DIRECTLY INTO DRIPLINE TUBING.
 VAN NOZZLE MAY BE SET TO CLOSED, OR IF IT IS DESIRED TO SEE SPRAY FROM THE NOZZLE, SET THE ARC TO ¼ PATTERN. THE FLOW FROM THE NOZZLE, 0.3 GPM, SHOULD BE ACCOUNTED FOR IN THE SYSTEM DESIGN.

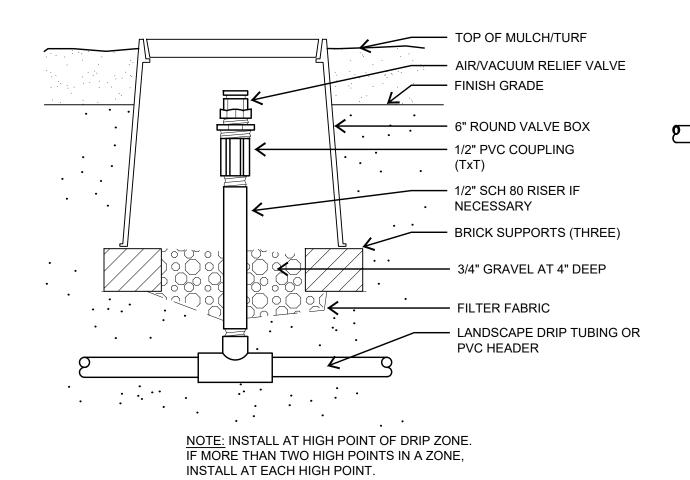
OPERATION INDICATOR



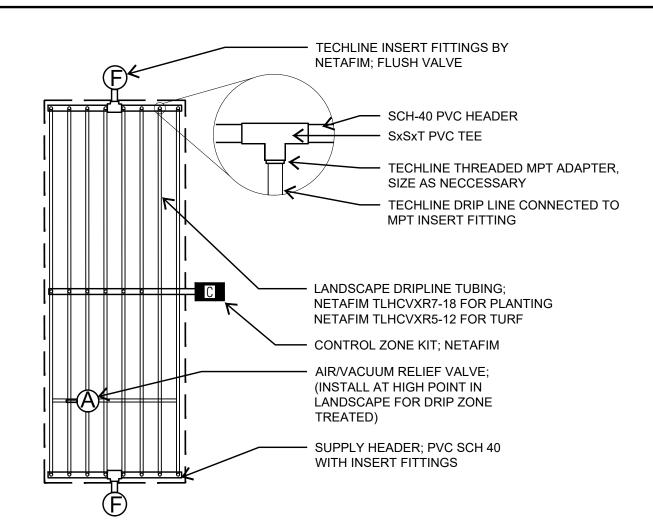
DRIPLINE FITTINGS



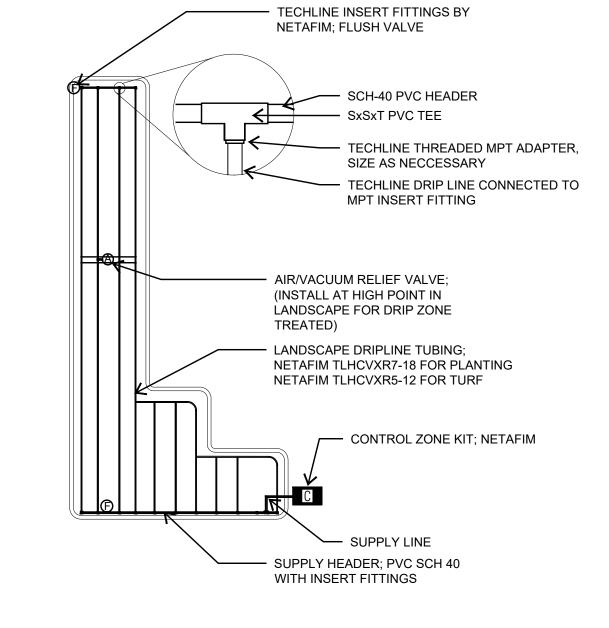
## DRIPLINE FLUSH VALVE



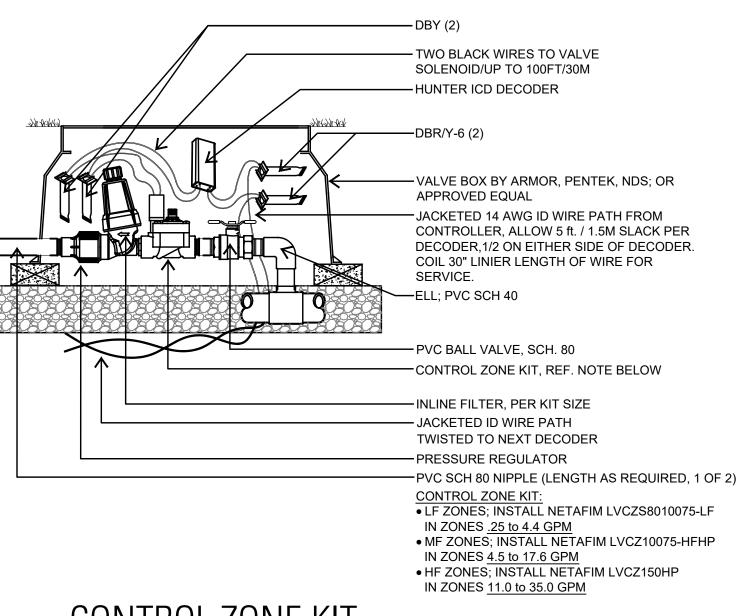
AIR RELIEF VALVE



# 2 DRIPLINE INSTALLATION (CENTER FEED)



## 2 DRIPLINE INSTALLATION (END FEED)



CONTROL ZONE KIT

HORIZON

DESIGN AND DEVELOPMENT

PLANNING LANDSCAPE ARCHITECTURE
DEVELOPMENT CONSULTING

14607 San Pedro Ave., Suite 200
San Antonio, Texas 78232

210.831.8564 jrobinson@horizondesign-sa.com



WNER

Rosemary 126 Investors

801 R. Taylor St Sherman, TX 75090

ROJECT

Rosemary Apartments

XXXX San Antonio, Texas 782XX

REVISIONS

PROJECT NUMBER

Drawn By: pra Checked By: jr

2023-117

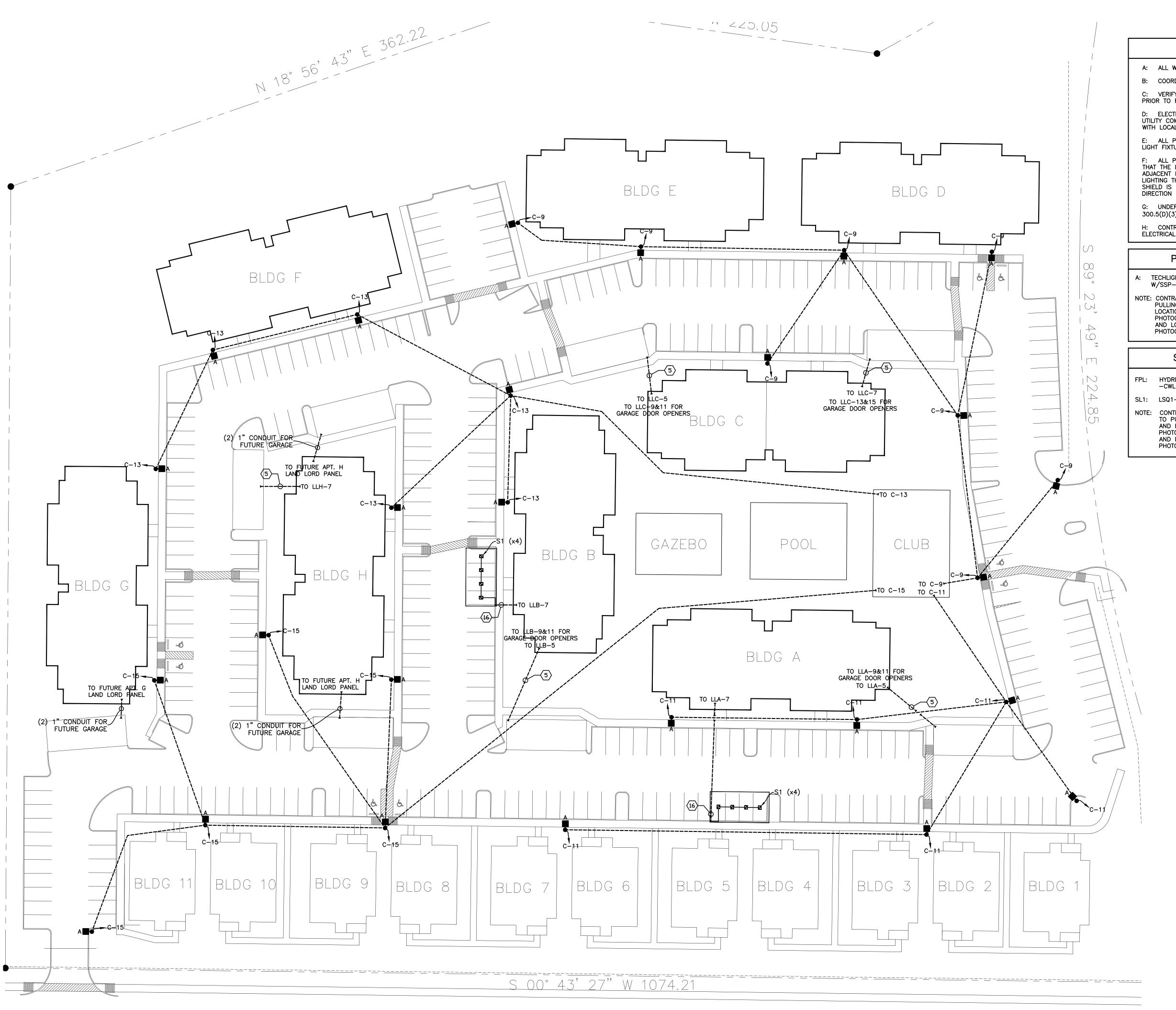
Sheet Title:

IRRIGATION DETAILS

Sheet Number:

LI2.3

Janua Datas



### **GENERAL NOTES**

- A: ALL WORK SHALL MEET OR EXCEED NEC STANDARDS.
- B: COORDINATE ALL WORK WITH OTHER TRADES PRIOR TO ROUGH-IN
- C: VERIFY EXACT LOCATIONS AND MOUNTING HEIGHTS FOR ALL FIXTURES AND DEVICES PRIOR TO ROUGH—IN.
- D: ELECTRICAL CONTRACTOR SHALL CLOSELY COORDINATE THE EXACT LOCATIONS OF ALL UTILITY COMPANY CONNECTION POINTS AND REQUIREMENTS. VERIFY ALL REQUIREMENTS WITH LOCAL UTILITY COMPANIES.
- E: ALL PROPOSED LIGHTING SHALL CONFORM TO THE AHJ DEFINITION FOR FULL CUTOFF
- F: ALL PERMANENT EXTERIOR LIGHTING SHALL BE NON—FLASHING AND SHIELDED SUCH THAT THE LIGHT SOURCES ARE NOT VISIBLE FROM THE PUBLIC RIGHT OF WAY OR ADJACENT RESIDENTIAL USES AT THE PROPERTY LINE. WALL PACK LIGHTING AND OTHER LIGHTING THAT DIRECTS THE LIGHT IN A HORIZONTAL DIRECTION WITHOUT AN ADEQUATE SHIELD IS NOT PERMITTED IF THERE ARE STREETS OR RESIDENTIAL USES IN THE DIRECTION OF THE LIGHT.
- G: UNDERGROUND ELECTRICAL SERVICE SHALL COMPLY WITH THE 2020 NEC, SECTION 300.5(D)(3).
- H: CONTRACTOR SHALL PERFORM VOLTAGE DROP CALCULATIONS FOR ALL SITE ELECTRICAL CONDUCTORS AND PROVIDE APPROPRIATELY SIZED CONDUCTORS.

### POLE LIGHT SCHEDULE

- A: TECHLIGHT KTN-N-19L-T3-1-BZ-S265BZ-KTNARM W/SSP-20-4-11-BZ-DM1-KTN POLE
- NOTE: CONTRACTOR SHALL VERIFY WITH OWNER PRIOR TO PULLING WIRE TO SITE LIGHTING THE NUMBER AND LOCATION OF SITE LIGHTING THAT WILL BE PHOTOCELL ON PHOTOCELL OFF AND THE NUMBER AND LOCATION OF SITE LIGHTING THAT WILL BE PHOTOCELL ON TIMECLOCK OFF.

### SITE LIGHT SCHEDULE

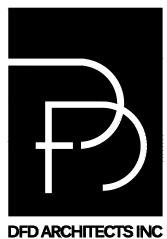
- FPL: HYDREL SAF1-LED-P1-80CRI-30K-MVOLT-10DEG -CWL-KM-CPM-C3-BL
- SL1: LSQ1-25-3K7-UNV-BLT-SPC
- NOTE: CONTRACTOR SHALL VERIFY WITH OWNER PRIOR
  - TO PULLING WIRE TO SITE LIGHTING THE NUMBER AND LOCATION OF SITE LIGHTING THAT WILL BE PHOTOCELL ON PHOTOCELL OFF AND THE NUMBER AND LOCATION OF SITE LIGHTING THAT WILL BE PHOTOCELL ON TIMECLOCK OFF.



FIRST ISSUED ON:

07/24/2023

REVISIONS: PERMIT



305 WEST WILLIS STREET SUITE 101 LEANDER, TEXAS 78641 PHONE: 512.259.4175 WWW.DFDARCH.COM



ROSEMARY APARTMENTS

PROJECT LOCATION:
DENISON, TEXAS

OWNER:

ROSEMARY 126
INVESTORS, LP

801 E. TAYLOR ST.
SHERMAN, TX. 75090

SITE LIGHTING PLAN

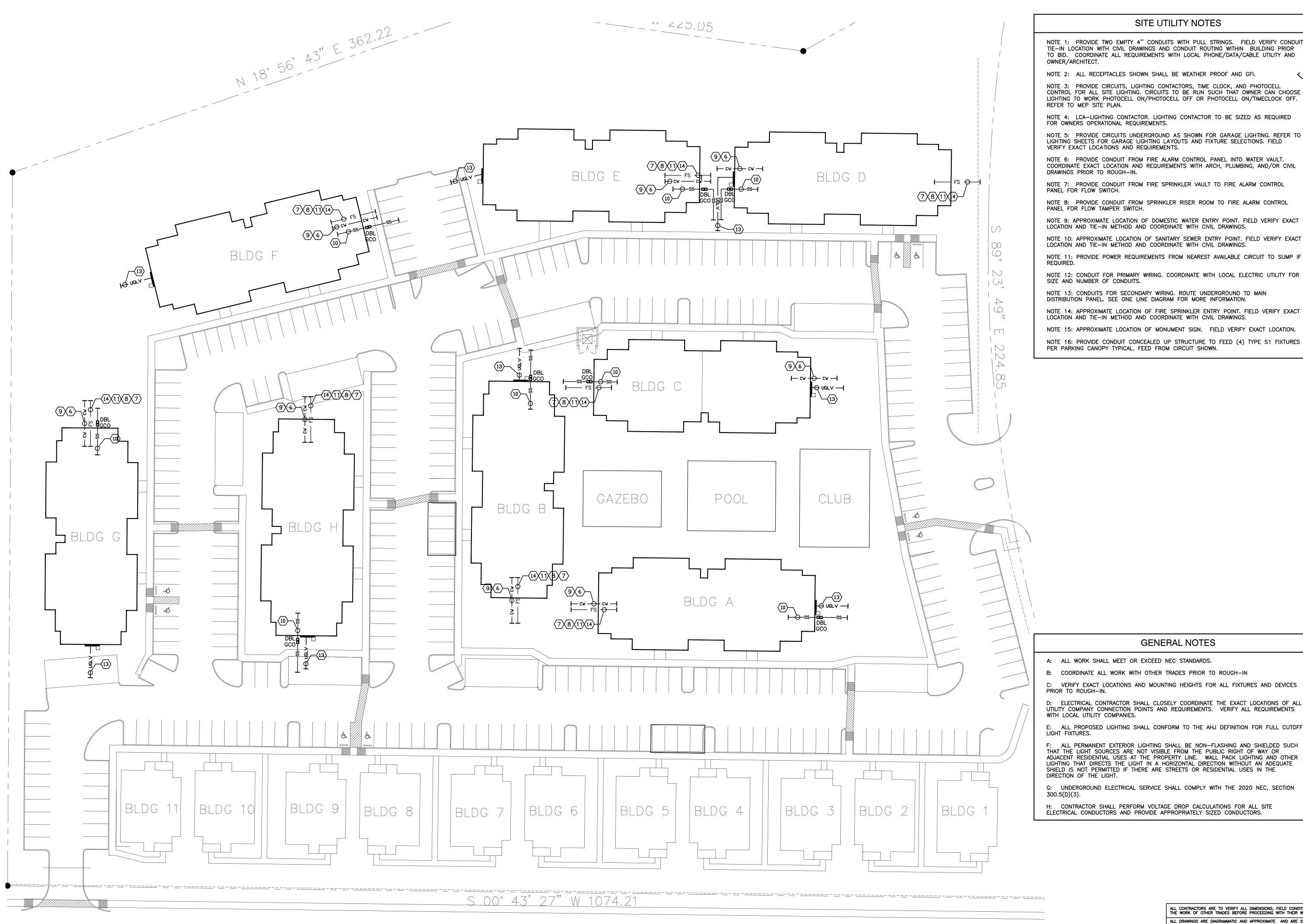
ALL CONTRACTORS ARE TO VERIFY ALL DIMENSIONS, FIELD CONDITIONS AND THE WORK OF OTHER TRADES BEFORE PROCEEDING WITH THEIR WORK.

ALL DRAWINGS ARE DIAGRAMMATIC AND APPROXIMATE AND ARE SUBJECT TO REARRANGEMENT FOR PROPER INSTALLATION. CERTAIN RUNS ARE SHOWN DISTORTED TO AVOID CONFUSION.

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CERTAIN RUNS ARE

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FORM WITHOUT WRITTEN
IS GROUP. UNAUTHORIZED
SOF THIS DRAWING WILL
AWS



### SITE UTILITY NOTES

NOTE 1: PROVIDE TWO EMPTY 4" CONDUITS WITH PULL STRINGS. FIELD VERIFY CONDUIT TIE-IN LOCATION WITH CIVIL DRAWINGS AND CONDUIT ROUTING WITHIN BUILDING PRIOR TO BID. COORDINATE ALL REQUIREMENTS WITH LOCAL PHONE/DATA/CABLE UTILITY AND OWNER/ARCHITECT.

NOTE 2: ALL RECEPTACLES SHOWN SHALL BE WEATHER PROOF AND GFI.

NOTE 3: PROVIDE CIRCUITS, LIGHTING CONTACTORS, TIME CLOCK, AND PHOTOCELL CONTROL FOR ALL SITE LIGHTING. CIRCUITS TO BE RUN SUCH THAT OWNER CAN CHOOSE LIGHTING TO WORK PHOTOCELL ON/PHOTOCELL OFF OR PHOTOCELL ON/TIMECLOCK OFF. REFER TO MEP SITE PLAN.

NOTE 4: LCA-LIGHTING CONTACTOR. LIGHTING CONTACTOR TO BE SIZED AS REQUIRED FOR OWNERS OPERATIONAL REQUIREMENTS.

NOTE 5: PROVIDE CIRCUITS UNDERGROUND AS SHOWN FOR GARAGE LIGHTING. REFER TO LIGHTING SHEETS FOR GARAGE LIGHTING LAYOUTS AND FIXTURE SELECTIONS. FIELD VERIFY EXACT LOCATIONS AND REQUIREMENTS.

NOTE 6: PROVIDE CONDUIT FROM FIRE ALARM CONTROL PANEL INTO WATER VAULT. COORDINATE EXACT LOCATION AND REQUIREMENTS WITH ARCH, PLUMBING, AND/OR CIVIL DRAWINGS PRIOR TO ROUGH-IN.

NOTE 7: PROVIDE CONDUIT FROM FIRE SPRINKLER VAULT TO FIRE ALARM CONTROL PANEL FOR FLOW SWITCH.

NOTE 8: PROVIDE CONDUIT FROM SPRINKLER RISER ROOM TO FIRE ALARM CONTROL PANEL FOR FLOW TAMPER SWITCH.

NOTE 9: APPROXIMATE LOCATION OF DOMESTIC WATER ENTRY POINT. FIELD VERIFY EXACT LOCATION AND TIE-IN METHOD AND COORDINATE WITH CIVIL DRAWINGS.

NOTE 10: APPROXIMATE LOCATION OF SANITARY SEWER ENTRY POINT, FIELD VERIFY EXACT LOCATION AND TIE-IN METHOD AND COORDINATE WITH CIVIL DRAWINGS.

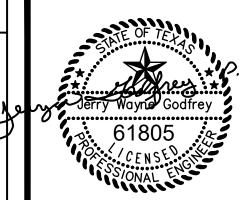
NOTE 12: CONDUIT FOR PRIMARY WIRING. COORDINATE WITH LOCAL ELECTRIC UTILITY FOR SIZE AND NUMBER OF CONDUITS.

NOTE 13: CONDUITS FOR SECONDARY WIRING. ROUTE UNDERGROUND TO MAIN DISTRIBUTION PANEL. SEE ONE LINE DIAGRAM FOR MORE INFORMATION.

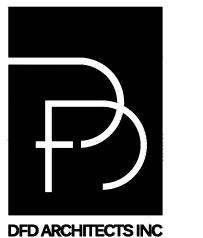
NOTE 14: APPROXIMATE LOCATION OF FIRE SPRINKLER ENTRY POINT. FIELD VERIFY EXACT LOCATION AND TIE-IN METHOD AND COORDINATE WITH CIVIL DRAWINGS.

NOTE 15: APPROXIMATE LOCATION OF MONUMENT SIGN. FIELD VERIFY EXACT LOCATION. NOTE 16: PROVIDE CONDUIT CONCEALED UP STRUCTURE TO FEED (4) TYPE S1 FIXTURES PER PARKING CANOPY TYPICAL. FEED FROM CIRCUIT SHOWN.

FIRST ISSUED ON: 07/24/2023



**REVISIONS:** PERMIT



305 WEST WILLIS STREET SUITE 101 LEANDER, TEXAS 78641 PHONE: 512.259.4175 WWW.DFDARCH.COM



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ROSEMARY **APARTMENTS** 

PROJECT LOCATION: DENISON, TEXAS

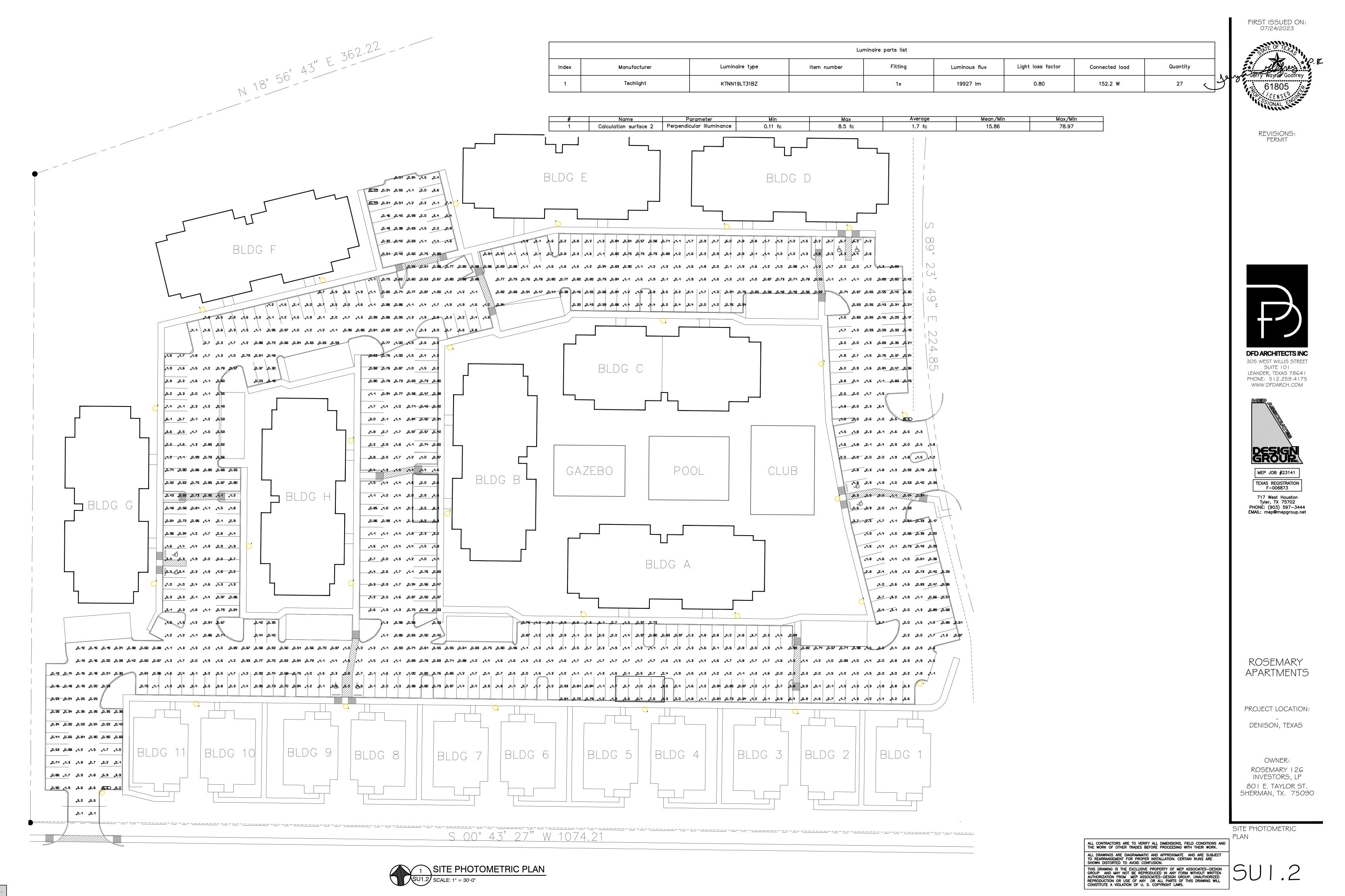
OWNER: ROSEMARY 126 INVESTORS, LP 801 E. TAYLOR ST. SHERMAN, TX. 75090

SITE UTILITY PLAN

ALL CONTRACTORS ARE TO VERIFY ALL DIMENSIONS, FIELD CONDITIONS AND THE WORK OF OTHER TRADES BEFORE PROCEEDING WITH THEIR WORK. ALL DRAWINGS ARE DIAGRAMMATIC AND APPROXIMATE AND ARE SUBJECT TO REARRANGEMENT FOR PROPER INSTALLATION. CERTAIN RUNS ARE SHOWN DISTORTED TO AVOID CONFUSION.



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- 51 -

### The Planning and Zoning Commission Meeting Staff Report



#### Agenda Item

Receive a report, hold a discussion, conduct a public hearing, and make a recommendation on a request to rezone an approximately 2.94 acre tract identified as GCAD Property ID No. 141832, said property being legally described as Lots 1 through 16 and including the twenty (20) foot alley, Block 2 of Miller's First Addition to the City of Denison, Grayson County, Texas, according to the deed recorded in Volume Y, Page 330, Deed Records of Grayson County, Texas; being commonly known as 715 W. Sears Street, to amend the current Planned Development Ordinance No. 5218 by changing the current zoning classification from Planned Development Overlay (PD) District with the base zoning of Single-Family Residential Attached (SF-TH) District to a Planned Development Overlay (PD) District with the base zoning of Multi-Family Residential (MF-2) District and Local Retail (LR) District for residential and retail use and amending Exhibit B "Development Standards" and Exhibit C "Concept Plan" of Ordinance No. 5218. (Case No. 2023-117PD).

#### **Staff Contact**

Dianne York, Planner dyork@cityofdenison.com 903-465-2720

#### Summary

- Applicant is seeking to amend the existing Planned Development (PD) to allow for the development of a mid-rise apartment building with a retail component.
- The proposed base zoning districts will include MF-2, Multi-Family Residential (MF-2) and Local Retail (LR).

#### **Staff Recommendation**

Staff recommends approval of this request.

#### **Recommended Motion**

"I move to recommend approval of the request to amend the Planned Development Overly District to a Planned Development Overlay District with the base zoning Multi-Family Residential (MF-2) District and Local Retail (LR) District and amending Exhibit B "Development Standards" and Exhibit C "Concept Plan".

#### **Background Information and Analysis**

The applicant is requesting to amend the current Planned Development Ordinance No. 5218 by changing the current zoning classification from PD with a base zoning of SF-TH, Single Family Attached to a PD with the base zoning of MF-2, Multi-Family Residential (MF-2) and Local Retail (LR) to allow for residential and retail uses.

The complex will consist of approximately two hundred (200) residential units and approximately six thousand (6,000) square feet of retail space located at the northeast corner of the property. In order to accommodate the density, the applicant is requesting a deviation from the MF-2 base zoning district height requirement to allow for a four (4) story structure with a fifth story constructed above the retail

space to allow for eleven (11) units. The building will have a minimum side and front yard setback of ten (10) feet for yards adjacent to N. Armstrong Avenue, N. Barrett Avenue, and W. Sears Street. A zero (0) foot rear yard setback is proposed for the rear yard adjacent to W. Morton Street.

Parking for the residents will be accommodated via an internal parking garage at 1.5 spaces per unit. Visitor and leasing office parking spaces are proposed via on-street parking located on W. Sears Street. Customer and employee parking for the retail space is provided via twenty-two (22) on-street parking spaces located on the west side of N. Barrett Avenue.

A minimum of ten (10) percent of the total lot area will be dedicated to landscape and usable open space. Amenities for the residents will include a courtyard with a pool, grilling stations, open space for activities, a fitness center, club room and mail center.

A traffic impact study will be provided at the time of Civil Engineering Plan submittal.

The proposed development is required to be developed in accordance with City standards. Additional applications such as a Petition for Right-of-Way (ROW) Abandonment, Civil Engineering Plans, Replat and Site Plan must be submitted by the developer prior to requesting a building permit.

According to Ordinance Section 28.10, City staff and the Planning and Zoning Commission shall consider the following factors when reviewing rezone requests:

1. Whether the uses permitted by the proposed change will be appropriate in the immediate area concerned, and their relationship to the general area and to the city as a whole;

The area has been developed in a predominantly single-family residential manner; however, the Future Land Use Plan depicts this area to be developed in a neighborhood manner and allows for neighborhood commercial.

2. Whether the proposed change is in accord with any existing or proposed plans for providing public schools, streets, water supply, sanitary sewers, and other utilities to the area;

The applicant must develop all required infrastructure or improve any existing infrastructure to meet City standards. Civil Engineering Plans are required for this development and must be submitted to City staff at the appropriate time.

3. The amount of vacant land currently classified for similar development in the vicinity and elsewhere in the city, and any special circumstances that may make a substantial part of such vacant land unavailable for development;

Rezoning of this property will not impact the availability of similar land for development.

4. The recent rate at which land is being developed in the same zoning classification as the request, particularly in the vicinity of the proposed change;

There have been no multi-family zoning requests in this area.

- 5. How other areas designated for similar development will be, or are likely to be, affected if the proposed amendment is approved; N/A
- 6. Whether the zoning petition is consistent with the current land use plan; and

The area has been developed in a predominantly single-family residential manner; however, the Future Land Use Plan depicts this area to be developed in a neighborhood manner and allows for neighborhood commercial.

7. Any other factors that will substantially affect the public health, safety, morals, or general welfare.

Other factors which may substantially affect general welfare have been addressed above.

#### **Financial Considerations**

N/A

#### **Prior Board or Council Action**

• The City Council approved Ordinance No. 5218 allowing for a Planned Development Overlay District with a base zoning of Single Family Residential District - Attached (SF-TH) at their meeting held on July 11<sup>th</sup>, 2022.

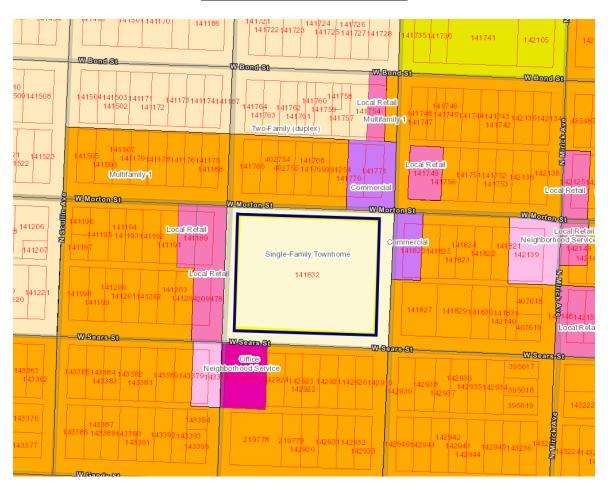
#### **Alternatives**

• The Planning and Zoning Commission may table, recommend denial, or recommend approval with conditions.

#### **Aerial of Subject Area**



#### **Zoning Aerial of Subject Area**



#### **Exhibit B**

#### **Narrative**

RE: The Village at Denison Denison, Texas

The Village at Denison is a midrise, multifamily development proposed on 2.94 acres located between North Armstrong Avenue and North Barrett Avenue and north of West Sears Street and south of FM 120 (West Morton Street). The land is currently zoned Planned Development with a base zoning of SF-TH, Single Family Townhome District. We are proposing to amend the zoning with a Planned Development to allow for approximately 200 residential units plus approximately 6,000 square feet of retail space facing North Barrett Avenue and West Morton Street. The proposed building will be mostly four stories with a small section of five stories over the proposed retail portion of the project. Street parking will be designed in front of the proposed retail with front load parking spaces on North Barrett Avenue

The proposed zoning change conforms to the future land use plan in the City's comprehensive plan which allows for Neighborhood commercial. Being just 3 blocks from downtown, we feel this development would provide a catalyst to the downtown business district and revitalize this area. It will also provide a unique living opportunity for this part of town. This development could encourage other new residential and non-residential developments in the downtown district. We feel this project will positively impact the downtown business district since it is a short walk to the shops and restaurants on Main Street.

Our PD zoning request will use the MF-2 and Local Retail as the base zoning districts. The PD development standards that we are amending are shown in our Exhibit A – PD Conditions.

This project will provide ample parking in the form of an internal parking garage that is screened from public view. Additional amenities will be provided to the

residents including a swimming pool and an amenity center, as well as future retail and/or restaurants within the building.

The development proposed is of high quality and will serve as a positive landmark for the City of Denison.

#### **EXHIBIT 'B'**

#### The Village at Denison

#### **Planned Development District Development Standards**

#### **Statement of Purpose and Intent**

This zoning submittal encompasses 2.94 acres located between North Armstrong Avenue and North Barrett Avenue and north of West Sears Street and south of FM 120 (West Morton Street). The use proposed for the property would provide a unique living opportunity for this part of town with an upscale Multifamily community and a Retail component. It is the intent of this Planned Development (PD) document to establish a base zoning for the overall property together with the uses and development regulations as designated therein, subject to modifications as set forth herein.

This PD Document and the Concept plan provide departure from existing zoning, use, and development regulations in recognition of the unique character of the development described herein, and unless expressly modified by this PD documents or the Concept Plan, the property shall be developed in accordance with the base zoning districts described below, as they exist or may be amended.

#### 1.0 PROJECT OVERVIEW

The purpose of this Plan Development is to develop a 4-stories medium rise multi-family site with the addition of a fifth story (5-stories) for small retail area at ground level. The maximum density is 72 units per acre, for a total of approximately 200 units that will range in between 670 square feet (1Bed/1Bath) and 1,250 square feet (2Bed/2Bath) and a Retail component of minimum 6,000 square feet. A site plan is required for development within this district.

#### 2.0 PROJECT LOCATION

The Village is located at 715 W. Sears Street and is situated in the Miller's 1<sup>st</sup> Addition being all of Block 2 as described in Exhibit A, Legal Decision.

#### 3.0 PROPOSED THOROUGHFARES/ACCESS/CROSS SECTIONS

W. Morton Street is designated on the Thoroughfare Plan as a Minor Arterial. S. Armstrong Avenue and W. Sears Street are designated on the Thoroughfare Plan as a Major Collector. N. Barrett Avenue is designated on the Throughfare Plan as a Local Street.

#### 4.0 CONCEPT PLAN

The design and development of the Property shall generally comply with the Concept Plan as depicted in Exhibit C, which is intended to provide a general representation of the location of the land use of the property.

#### 5.0 PROPERTY OWNERS ASSOCAITON

A property owners association shall be established and shall be responsible for the ownership and maintenance of all common areas. Including all private open space areas shown on the Concept Plan. There may be a separate property owners association established for Multifamily and for retail.

#### 6.0 MF-2, MULTI-FAMILY RESIDENITAL DISTRICT

Except as noted below, areas designated for multi-family development on the Concept Plan shall develop in accordance with the MF-2, Multi-Family Zoning District (MF-2) as it exists or may be amended.

- A. Minimum Project Size. Two (2) acres
- B. Maximum density. Seventy-two (72) units per acre.
- C. Height Regulations.
  - a. Maximum height for the main building: five (5)-stories or Seventy-two (72) feet.
  - b. Maximum height for the detached parking garage: five (5)-stories or fifty (50) feet.
- D. Size of Yards.
  - a. Minimum front yard: Located on Sears Street, ten (10) feet.
  - b. Minimum side yard: Located on Armstrong Avenue and Barrett Avenue, ten (10) feet
  - c. Minimum rear yard: Located on Morton Street, zero (0) feet.
    - i. Requirements listed in Section 28.31.4.B.3.a-c. shall not apply to this development.
- E. Building Separation.
  - a. Requirements listed in Section 28.31.4.B.4.a-b. shall not apply to this development.
- F. Maximum lot Coverage. Eighty-five (85) percent.
- G. Parking.

Development will provide a parking garage located on the same property as the multi-family and retail development.

- a. Minimum Number of Parking Spaces: One and a half (1.5) spaces per unit
- Visitor and leasing office parking is proposed via on-street parking with spaces located
   W. Sears Street.
- c. Development shall be exempt from screening requirement for parking lots adjacent to public streets.
- d. Development shall be exempt from parking space clearance requirement listed in Section 28.31.4.E.1.
- H. Additional Standards.
  - a. Usable open space: Minimum of eight (8) percent usable open space shall be provided.
  - Landscape area requirements: Minimum of ten (10) percent of the total lot area shall be devoted to a combination of landscaping (pervious surface area) and usable open space.
  - c. Refuse Facilities: a single refuse facility will serve all units on site. A compactor shall be provided at grade level for safe and convenient pickup by refuse collection and

- shall be screened from public view in accordance with City standards along property line.
- d. All screening requirements shall conform to City standards and standards set forth in Section 28.50.53.
- e. A swimming pool shall be provided per section 28.31.5.F
- f. Development is exempt from Section 28.31.5.G
- g. All points of the exterior façade shall be within one hundred and fifty (150) feet horizontally of a dedicated fire lane easement, unless approved differently by authorities having jurisdiction.
- h. A 4-foot-wide paved walkway shall connect the building entry doors to the street-side parking areas. The minimum width of any sidewalk adjacent to head-in parking spaces shall be six (6) feet wide to accommodate a two (2)-foot bumper overhang for vehicles.
- i. All building address signage shall be approved by authorities having jurisdiction.
- j. Other regulations as established by article V (Development Standards) are applicable unless specifically addressed above.

#### 7.0 LOCAL RETAIL (LR)

Except as noted below, areas designated as retail space on the Concept Plan shall be developed in accordance with the Local Retail Zoning District (LR) as it exists or may be amended. Approximately six thousand (6,000) square feet of the structure is dedicated to retail space. Retail space is located on the first floor in the northeast corner of the structure as depicted on Exhibit C, Concept Plan.

- A. Development is exempt from the following standards:
  - a. Height Regulations
  - b. Area Regulations
  - c. Size of yards
  - d. Maximum Lot Coverage
  - e. Floor to Area Ratio.
- B. Outside Display of Merchandise:
  - a. Shall not be placed more than 30 feet from the main building.
  - b. Shall not occupy any of the parking spaces that are provided for the retail portions of the development.
  - c. Shall not pose a safety or visibility hazard, nor impede public vehicular or pedestrian circulation, either onsite or offsite, in any way.
  - d. Shall not extend into the public street right-of-way.
  - e. All outside display items shall be removed at the end of each business day (except for large seasonal items such as living plants, Christmas trees, etc.).
  - f. All merchandise shall be displayed in a neat and orderly manner, and the display area shall be maintained in a clean, litter free manner.
- C. Permanent open storage is prohibited.
- D. Recreational vehicles, travel trailers or motor homes may not be used for onsite dwelling or non-residential purposes.

- E. Parking for Retail will be provided along N. Barrett Avenue with a minimum of 22 parking spaces. Spaces shall be head-in parking spaces with a minimum width of nine feet and a minimum depth of eighteen feet (9'x18').
- F. No designated loading or unloading zones are required, however, loading or unloading via Morton Street is prohibited.

#### **8.0 OPEN SPACE AND AMENITIES**

- A. Usable open space: Minimum of eight (8) percent usable open space shall be provided.
- B. All common and open space areas shall be owned and maintained by the Property Owners Associations (POA)
- C. A courtyard containing a pool, grilling stations, open space for activities and a seating area.
- D. Indoor amenities will include a fitness center, club room and mail center.

