

Building Division Community Development Services 225 S Emerson Avenue Greenwood, IN 46143 (317) 881-8698 (317) 887-5616 fax

APPLICATION FOR BUILDING PERMIT

PERMIT NO.: 2013-315

Application is hereby made for a permit to improve premises as described herein as shown in the accompanying plans and specifications, which improvement is to be located as shown on the accompanying plot plan. The information which follows and the accompanying plans, specifications and other information with the representations therein contained, are made a part of this application in reliance upon which the Planning Commission of the City of Greenwood is requested to issue a location improvement permit and any applicable sewer permits.

It is understood and agreed by this Applicant that any error, misstatement or misrepresentation of material fact, either with or without intention on the part of this Applicant, such as might or would operate to cause refusal of this application, or conditional approval thereof, or any material alteration or change in the accompanying plans, specifications or improvements subsequent to the issuance of a permit in accordance with the application, without the approval of the Planning Commission shall constitute sufficient ground for the revocation of this permit.

All building construction work, alterations, repairs, or mechanical installations and appliances connected therewith and other work necessary to complete the following improvement, shall comply with the State Building Rules and Regulations, local ordinances and such other statutory provisions pertaining to this class of work, and such rules, regulations, ordinances and provisions shall be considered a part of specifications, whether specified herein or not.

1)	Date of Application 43 2013 Date	Approved	Date Issue	ed 7-8-13
2)	Name of Applicant Greenwood Commun			
3) 4)	Business at Location to be Improved Gou Address of Location to be Improved 1019 Lot, Block, Section, Suite	thurst Elem	Intamu Sch	100
5)	Kind of Building Permit COMMN – New (circle one) COMMR – Remod	del/Tenant Finish	TOTAL FE	Subdivision E \$ \$ \$
6)	Size If new: Total Sq. Ft. of Buildin If remodel/tenant finish: Total If addition: Total Sq. Ft. to be a	1 So Et of area affe	Total Acreage of cted 7,129	Project = F - \$313.857 \$
8)	Approximate Price of Project \$3 million			
9)	Number of Water Meters to be Installed and S	Size C)	
10)	Name and address of building contractor:	BA Bal	Stamfer	590-4887
	On-Site Contact Person:	Phone:		
11)	Maps, Sketches, and Other Exhibits: Applicar other exhibits.	nt must attach approp	oriate sufficient m	aps, sketches and
NOTE: Th	e connection of footing drains, sump pumps, and/or surface	e drainage lines to the san	itary sewer system is P	ROHIBITED
The undersi	gned represents that such work shall start within 90 days and manlike manner. Should said work not start in good faith work or effect whatever. The above information, to my knowledge	I will be completed without the unders	ut delay, that said imp	The state of the s
SIGNATI	JRE OF APPLICANT/OWNER: Y CALLED	Tay		
SIGNATU	JRE OF BUILDING COMMISSIONER:	all No	a.	
or design	ated representative)			
	TO BE COMPLETED BY BU	ILDING DIVISIO	V STAFF	
Eastsi	ie TIF Area? Yes No Is	Property in Floodway? Property in Floodway F Building in Floodway/F	ringe? Yes	No
Parce	1 No. 41-05-05-032-015.000-026	If yes, please provide Applicable Flood Pro		
Schoo	ol: 600 Library:600 WRTFD:	Proposed Finished Fl		



Building Division
Department of Community Development Services
225 S Emerson Avenue
Greenwood, IN 46143
(317) 881-8698
(317) 887-5616 fax

PLAN AUTHENTICATION AGREEMENT

Project Name: 20ul/weSt	Project Address: LOS W. Smith Valley Rd.
Etementary School Addition	Greenwood, IN 46142

As the person eligible and responsible for obtaining a permit or permits as required in Section 10-130 of the City of Greenwood Municipal Code, and based upon information contained within these plans, I certify that these plans are identical to those released for construction by the Indiana Department of Homeland Security, Division of Fire Safety/Plan Review. I also understand that if it is determined that these plans are not identical, all permits obtained from the City of Greenwood as a result of their submittal will be considered to be in violation of Section 10-130 of the City of Greenwood Municipal Code.

Authorized Signature

Printed Name

Date

-No SAF free this time. Included in school SAF Plicy where school system is to provide student count to CD5 yearly in September for review.

All on 1/3/1



Department of Community Development Services

Engineering Division

225 S Emerson Avenue

Greenwood, IN 46143

ENGINE

(317) 887-5230 (317) 865-8242 fax Services RECEIVED BY ENGINEERING DIVISION

APR 2 5 2013

APPLICATION FOR

CITY OF GREENWOOD DEPARTMENT OF COMMUNITY DEVELOPMENT SERVICES

SEWER AVAILABILITY FEE (SAF)

NAME OF PROJECT	Southwest Elementary School Addition
CONTRACTOR	
CONTACT PERSON:	Kionna Walker or Circly McLoed
PHONE NUMBER(S):	317-263-6226
SUBJECT PROPERTY:	619 W Smith Valley Road Greenwood, IN 46142
SUBDIVISION:	
LOT NO.:	SECTION NO.: SUITE:
TOWNSHIP:	(circle one) PLEASANT WHITE RIVER
TYPE OF CONNECTION:	(circle one) RESIDENTIAL COMMERCIAL INDUSTRIAL



City of Greenwood Plan Commission Attachment K: Application for Land Alteration Permit

D.	July 3, 2013	
Date:		Type of Land Alteration Permit Requested:
Project:	Southwest Elementary	Type 1: Subdivision or Site Development Plan
Docket Number:	PC2013-011	Type 2: Parking Lot or Driveway Expansion
Docket Number.	1 C2013-011	Type 3: Excavation, Land Filling, or Re-Grading

Application is hereby made for a permit to alter land in conformance with the Plat/plans as approved by the Greenwood Plan Commission and the Board of Public Works and Safety, or designated representative. The requirements and conditions for plan approval have been satisfied pursuant to the Zoning and/or Subdivision Control Ordinance (see applicable list below) and necessary copies of applicable approvals/reviews are attached. The plat, plans, specifications, and other information, with the representations therein contained, are made a part of this application, in reliance upon which the City of Greenwood is requested to issue a land alteration permit.

It is understood and agreed by this Applicant that any error, misstatement, or misrepresentation of material fact or expression of material fact, either with or without intention on the part of this Applicant, such as would cause refusal of this application or conditional approval thereof, or any material change or alteration in the accompanying plat, plans, specifications, or other information subsequent to the issuance of a permit in accordance with this application, without the approval of the City of Greenwood, shall constitute sufficient grounds for the revocation of this permit.

All construction work, alterations, repairs, or installations connected herewith shall comply with accepted engineering and construction practices, local ordinances, and such other statutory provisions pertaining to this class of work.

The above information, to my knowledge and belief, is true and correct.

Signature of Applicant

Submittal requirements for Type 1 Land Alteration Permit:

Secondary Plat – Attachment Checklist	Site Development Plan - Attachment Checklist
Six sets of Final Construction Plans	Six sets of Final Site Development Plans
Copy of recorded Commitments from Rezoning (if applicable)	Copies of executed Performance / Maintenance Guarantees
Copies of executed Performance Guarantees	Copy of executed General Inspection and Testing Agreement
Copy of executed General Inspection and Testing Agreement	Copy of executed Recorded Easements
Copy of executed Sanitary Sewer Inspection and Testing Agreement	Copy of executed Right-of-Way Dedication
Copy of executed Recorded Easements	Copy of DNR approved Erosion and Sediment Control Technical
Copy of executed Right-of-Way Dedication	Review and Comment Form
Copy of final, approved Independent Engineering Plan Review	Final Secondary Plans have been recorded (if applicable)
Copy of DNR approved Erosion and Sediment Control Technical Review and Comment Form	

The land alteration proposed in the foregoing application is in conformity with the requirements of the Subdivision Control, Zoning, Stormwater Drainage & Sediment Control and other applicable ordinances of the City of Greenwood. Relying upon the information contained in the foregoing application, said application is hereby approved.

William P. Peeples, AICP

July 3, 2013 Date

c:

Signature

City Engineer, Fire Department, and File



Building Division Dept of Community Development Services 225 S Emerson Avenue Greenwood, IN 46143 (317) 881-8698 (317) 887-5616 fax

FIRE DEPARTMENT APPROVAL FORM

Building Permit Issuance

THIS FORM MUST BE SIGNED BY THE FIRE MARSHALL AND RETURNED TO THE BUILDING DIVISION BEFORE YOUR BUILDING MAY GO ABOVE GRADE LEVEL.

1	Building Permit N	lumber	2013	-315	
2	Project Name	Southwest Elemen	ntary School Ac	ldition	
3	Address of Project	619 W Smith	Valley Rd		
4	Bldg or Lot No.		Subdivisio	n	
5	Kind of Building I	Permit: COM	MERCIAL	MULTI-FAMILY	
6	Contact Person Phone Numbers:	Bob Kemper, Macl	Dougall Pierce	Cell (317) 590-48	07
Tł by	ne undersigned repro the Building Divis	esents Fire Departn ion, Department of	nent approval fo Community De	or issuance of a full, above grade evelopment Services.	
D	ATE OF APPROV	AL <u>7-</u> 8	3-13	1	
	IGNATURE OF FINE of designated representations of the contract		Draw	1	
Αŗ	reenwood Fire Dep pproval Form, Fire (d Sprinkler, Alarm a	Code questions	Rodney Johnso 155 E Main St Greenwood, II	reet	(317) 882-2599

Would you like to reduce your turnaround time?

ELECTRONICALLY FILE YOUR PROJECT WITH STATE OF INDIANA at http://www.in.gov/dhs/2650.htm.

This on-line filing is through a secure site, you can use it to submit your project information, pay the fees and upload your project plans.



CONSTRUCTION DESIGN RELEASE

State Form 41191 (R9/5-98)

Report Printed on: May 17, 2013

Indiana Department of Homeland Security DIVISION OF FIRE & BUILDING SAFETY PLAN REVIEW DIVISION 402 W. Washington St., Room E245 Indianapolis, IN 46204



To: Owner / Architect / Engineer Schmidt Associates WAYNE S S SCHMIDT AR00032631 320 East Vermont Street Indianapolis IN 46204

Fax	& e-mail:	3172636224,	wschmidt@schmidt-arch.com

Project number Release date 364055 05/06/13 Construction type Occupancy classification II-B. SPK E. ADD. REM Scope of release ELEC FA MECH ARCH PLUM STR Type of release Standard Project name Southwest Elementary Addn and Renov Street address 619 West Smith Valley Road City County Greenwood JOHNSON

The plans, specifications and application submitted for the above referenced project have been reviewed for compliance with the applicable rules of the Fire Prevention and Building Safety Commission. The project is released for construction subject to, but not necessarily limited to, the conditions listed below. THIS IS NOT A BUILDING PERMIT. All required local permits and licenses must be obtained prior to beginning construction work. All construction work must be in full compliance with all applicable State rules. Any changes in the released plans and/or specifications must be filed with and released by this Office before any work is altered. This release may be suspended or revoked if it is determined to be issued in error, in violation of any rules of the Commission or if it is based on incorrect or insufficient information. This release shall expire by limitation, and become null and void, if the work authorized is not commenced within one (1) year from the above date.

Note:(A1A & A1B): In accordance with the affidavit sworn under penalties of perjury in the application for construction design release the plans and specifications filed in conjunction with this project shall comply with all of the applicable rules and laws of Fire Prevention and Building Safety Commission. Providing false information constitutes an act of perjury, which is a Class D felony punishable by a prison term and a fine up to \$10,000.

In accordance with Section 19 of the General Administrative Rules (675 IAC 12-6-19) a complete set of plans and specifications that conform exactly to the design that was released by the office of the state building commissioner shall be maintained on the construction jobsite as well as a copy of the design release.

This project has been reviewed under the 2008 Indiana Building Code, 2008 Indiana Fire Code, 2009 Indiana Electrical Code, 2012 Indiana Plumbing Code, 2008 Indiana Mechanical Code, 2008 Indiana Fuel Gas Code, 2010 Indiana Pool Code, 2008 Indiana Accessibility Chapter 11 (ANSI A117.1 2003), and the 2010 Indiana Energy Conservation Code (ASHRAE 90.1 2007)

4G0412AE

The proposed building, addition, or remodel shall not put the existing building in noncompliance or into further noncompliance in accordance with 675 IAC 12-4-12.

4G0412AC

No addition or alteration shall cause an existing building, structure, or any part of the permanent heating, ventilating, air conditioning, electrical, plumbing, sanitary, emergency detection, emergency communication, or fire or explosion suppression systems to become unsafe or overloaded under the provisions of the rules of the Commission for new construction in accordance with 675 IAC 12-4-12(c).

4G0603AE

Detailed plans and specifications of the fire suppression system shall be filed with the required application and appropriate fees in accordance with 675 IAC 12-6-3(a), 675 IAC 12-6-7(g)(17), and 675 IAC 13-1-8. (N.F.P.A. 13)

Fire alarm systems shall be installed in accordance with Section 907.1.2 IBC (675 IAC 13-2.5), NFPA 70 and NFPA 72.

Exterior egress lighting fixtures shall be part of the emergency lighting system in accordance with Section 1006.1 IBC (675 IAC 13-2.5)

All metal water piping, including sprinkler piping, shall be bonded in accordance with Section 250.104 [A] IEC (675 IAC 17-1.2)

All other metal piping shall be bonded in accordance with Section 250.104 [B] IEC (675 IAC 17-1.2) (Gas/Air Piping)

Would you like to reduce your turnaround time?

ELECTRONICALLY FILE YOUR PROJECT WITH STATE OF INDIANA at http://www.in.gov/dhs/2650.htm.

This on-line filing is through a secure site, you can use it to submit your project information, pay the fees and upload your project plans.

Please be advised that if an administrative review of this action is desired, a written petition for review must be filed at the above address with the Fire Prevention and Building Safety Commission identifying the matter for which a review is sought no later than eighteen (18) days from the above stated date, unless the eighteenth day falls on a Saturday, a Sunday, a legal holiday under State statute, or a day in which the Department of Fire and Building Services is closed during normal business hours. In the latter case, the filing deadline will be the first working day thereafter. If you choose to petition, and the before-mentioned procedures are followed, your petition for review will be granted, and an administrative proceeding will be conducted by an administrative law judge of the Fire Prevention and Building Safety Commission. If a petition for review is not filed, this Order will be final, and you must comply with its requirements.

Filed By	Code review official REX MAYS	State Building Commissions Dan M Illy H
Address (name,title of lo	cal official,street,city,state and ZIP code	
Lowell Weber 225 S Emerson Ave		State Fire Marshal
	143 16, weberl@greenwood.in.gov	January.





City of Greenwood Department of Stormwater Management 225 South Emerson Ave, Suite A, Greenwood, IN 46143 voice (317) 887-5230 * fax (317) 887-5616

Impervious Surface Area Change Form

riease complete the following and return to the dreenwood building Department.
Physical Property Location:
Premise Address 485 W. Smith Valley Road
Parcel Number(s) Book 157 Page 219
Premise Phone Number 317 889-4090
Owner Contact Information:
Owner Name Greenwood Community School Capacition
Owner Address HAT. W. Smith Valley Road
Owner Phone Number 317-889-4060
Previous Impervious Surface Area (square feet) 192, 666
Change of Impervious Surface Area (square feet) 1172
Increase or Decrease (circle one)
Total Impervious Surface Area (square feet) 193, 838
*
Define <u>Impervious Surface Area</u> - Hard surface area that collects and concentrates run-off from a property or parcel of land. Impervious surface area includes:
 Asphalt and concrete roadways, driveways and parking and storage areas Compacted gravel roadways, driveways and parking and storage areas Rooftops, sidewalks, patio areas and pool decks
d. Other areas as deemed necessary and approved by the Board
Internal Use Only
Original to Department of Stormwater Management Copy to Finance Department
Changes Made on (date)

STAFF VARIANCE REPORT FOR MARCH 5, 2013 COMMISSION MTG

floors and walls of the pit are a monolithic concrete pour with waterproofing to prevent the entry of ground water. In accordance with code, sumps and sumps in pits are not required. The proponent advises to see the attached correspondence and documentation but none came in with the application.

13-03-32 CI Trafalgar Family Health Center – Trafalgar

The egress corridors (walls and doors) to be constructed within the renovated medical office building will not be fire rated as required by code. The existing corridors are not fire rated and, based on the occupant load of 30 or more, fire rated corridor construction is required. The one story building is approximately 8,500 sq. ft. in area and classified as "B" occupancy of Type VB construction. The proponent advises that the building will have a manual fire alarm system, corridor smoke detection, and the maximum egress travel distance to an exit will be approximately 100 feet. The hardship is the fire rated corridor construction is an operational hardship, as it would result in closing off the nurses' station and other staff areas.

13-03-33 AI Clark Pleasant Community School – Softball Building

water lines.

Clark Pleasant Community School – Softball Building

Project #361710

The emergency shower and eyewash, service sink, drinking fountain and rest room facilities will not be provided as required by code for the proposed softball storage building of 5,400 sq. ft. The building is classified as A-3 and S-1 occupancies of VB construction. The building will be used for softball practice (batting cages, etc.) in inclement weather and for storage of sports equipment and other items related to student athletics. There are restrooms available in the existing building as indicated on the attached plans. The other items are not needed according to the proponent since nothing hazardous will be stored only sporting equipment and other items related to the athletic fields. The hardship is the cost to provide the noted plumbing fixtures and associated

13-03-34 CI Fashion Mall at Keystone – Additions and Renovations – Indianapolis

Project #352810

The new fire alarm system needed to ensure that the strobes will be in synchronization will not be installed as required to ensure that the strobes are not flashing in violation of the code. The 2 story retail center had a portion of the building removed and a larger addition constructed. A portion of the mall was remodeled and some new fire alarm devices were added to the existing fire alarm system on the west side. The existing devices are not synchronized with the new visual notification devices. The proponent advises that until 1996, NFPA 72 did permit strobes to not be synchronized when the strobes were spaced more than 55 feet apart. The hardship is the cost to provide a modified or new fire alarm system for the entire building.

13-03-35(a)(b)

Greenwood Southwest Elementary School - Addition - Greenwood

(a) The proposed addition of 6,500 sq. ft. to the existing one story building of approximately 49,000 sq. ft. will exceed the code allowable area for Type IIB construction. The code allows a maximum of 23,375 sq. ft. and will exceed the permitted

20,000 sq. ft. for a nonsprinklered "E" occupancy fire area. The one story addition will include a media center and administrative offices. The building is classified as "E" occupancy, with less than 10% "B" occupancy accessory occupancy administrative offices. The project will also include some limited renovation in the area currently occupied by the administrative offices. The proponent advises that the addition will be protected with an automatic sprinkler system. The egress travel distance from the addition to an exit will be a maximum of approximately 100 feet. The hardship is the cost to create a new structurally independent fire wall to separate the addition and the installation of a sprinkler system in the addition is a better use of the available funding for this project.

CI (b) The new egress corridor construction (walls and doors) in the proposed addition will not be fire rated construction and, based on the occupant load in excess of 30 served by the corridor, fire rated construction is required. The proposed one story addition will be approximately 6,500 sq. ft. and will include a media center and administrative offices. The proponent advises the addition will be protected with an automatic sprinkler system which will serve the same purpose as the rated corridor. The hardship is the nonrated openings are desired in the corridor walls in the addition for functional purposes.

13-03-36(a)(b)(c)(d)(e) Bowen Center - Corporate Offices - Addition and Remodel - Warsaw

CI

- (a) The code required fire rated corridor will not be provided for the egress corridors (walls and doors) constructed within the new west office building addition that has an occupant load in excess of 30. The west building will be 17,165 sq. ft. in area. The one story building is classified as a "B" occupancy of Type IIB construction and will be separated from the existing east building with a 2 hour fire wall. The Bowen Center provides outpatient services related to mental health. The proponent advises that the building will be provided with a manual fire alarm system, corridor smoke detection and a total of six exterior exits and a horizontal exit to the west building. The maximum egress travel distance to an exit will be approximately 106 feet, the code allows up to 200 feet. The hardship is the fire rated corridor construction is an operational hardship, due to the need to have a combination of both open offices and enclosed offices. The previous variances listed are somewhat different from this one; 11-06-32 was only 9,200 sq. ft of Type IIB construction, 12-10-28 was only 12,680 sq. ft. of Type VB construction.
- CI (b) The egress corridors (walls and doors) constructed in the east building will not be fire rated as required by code for a corridor that has an occupant load of 30 or more. The proponent also wants to receive a score for Chapter 34 of "0" for egress corridors in Table 3410.7. The change of occupancy to the new A-3 meeting/training rooms in the existing building uses the Chapter 34 evaluation. The proponent advises that the building will be provided with a manual fire alarm system and corridor smoke detection. The A-3 and S-1 occupancy areas will be separated with a 2 hour fire barrier, including separation from the egress corridor. The maximum egress travel distance to an exit will be approximately 72 feet, code allows 200 feet. The hardship is the cost to upgrade the egress corridor elements. What is the cost?
- CI (c) The 2 hour fire wall separating the east and west building will not entirely comply with the IBC for structural independent requirements. The project involves the 1 story addition of the west building, 17,165 sq. ft. in area and renovation of the existing building, 8,710 sq. ft. and an addition of 869 sq. ft. The west building is classified as a

(39) 13-03-33 Clark-Pleasant Community School Softball Building, Whiteland

Ed Rensink, RTM Consultants, spoke as proponent. A 5,400 square foot building was to provide space for the storage of sports equipment and a practice area for use during inclement weather. The request was to omit the emergency shower, eyewash station, service sink, drinking fountain and rest room facilities in the building. Commissioner Hite had called out this application, and questioned the availability of restrooms in the area. The school building, within 200 feet, would provide access to restrooms. Commissioner Hite then moved to approve, with the second by Commissioner Mitchell. It was voted upon and carried.

(40) 13-03-34 Fashion Mall at Keystone Addition, Indianapolis

Ralph Gerdes, Ralph Gerdes Consultants, spoke as proponent. The retail center had replaced a portion of the existing building with a larger area, and another portion of the building was remodeled. New fire alarm devices were added on the west side of the building without being synchronized with existing devices. The request was to allow the devices to remain unsynchronized. Following discussion, Commissioner Brenner moved to approve with the second by Commissioner Brown. It was voted upon and carried.

(41) 13-03-35(a)(b) Greenwood Southwest Elementary School Addition, Greenwood

Ed Rensink, RTM Consultants, spoke as proponent. An addition of 6,500 square feet to house a media center and administrative offices was to be added to an existing 49,000 square foot single story school, and would cause the building to exceed the allowable area for Type IIB construction. The addition was to be sprinklered, with an egress travel distance of approximately 100 feet maximum. There would be no rated separation between existing construction and addition, however a bulkhead would be provided in the hallway, with a sprinkler head on the side of the bulkhead in the existing building. Rodney Johnson, Greenwood Fire Department, advised the Commission that he had no issues with the variances. Following discussion, Commissioner Mitchell moved to approve with the condition that a bulkhead be provided between existing and new construction with a sprinkler head located on the side of the bulkhead in the existing building. Commissioner Corey made the second. It was voted upon and carried.

(42) 13-03-36(a)(b)(c) Bowen Center Corporate Offices Addition and Remodel, Warsaw

Ed Rensink, RTM Consultants, spoke as proponent. In variance (a), in order to provide a combination of open office and enclosed office spaces, fire-rated corridors were not to be provided. The area was separated from the existing structure by a 2-hour fire wall. There were 6 exterior exits with 1 horizontal exit, and travel distance was less than 100 feet. A manual fire alarm and smoke detection system was to be provided. The addition was to comply with NFPA 101, Sec. 38.3.6, exc. 2. Variance (b) was a request to omit rated corridors in the existing building. Following discussion, Commissioner Hawkins moved to approve (a) and (b), with the second by Commissioner Cloud. It was voted upon and carried. Variance (c) was to allow the fire wall dividing the east and west buildings to not be fully structurally independent. The fire wall was the existing 8" cmu, non-bearing wall of the east building. Following discussion, Commissioner Hawkins moved to approve, with the second by Commissioner Mitchell. It was voted upon and carried.



INDIANA DEPARTMENT OF HOMELAND SECURITY

CODE SERVICE SECTION

402 West Washington Street, Room W246 Indianapolis, IN 46204-2739 http://www.in.gov/dhs/fire/fp_bs_comm_code/



INSTRUCTION: Please refer to the attached four (4) page instructions.

Attach additional pages as needed to complete this application.

Variance number (Assigned by department)

13-03-35 (a)

1. APPLICANT INFORMATION (Person who would be in violation if variance is not granted;	sually this is the owner)	
Name of the applicant	Title	
Dr. David Edds	Superintendent	
Name of organization	Telephone number	
Greenwood Community School Corporation	(317) 889-4060	
Address (number and street, city, state, and Zip code)		
605 West Smith Valley Road Greenwood, Indiana 46142		
2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT (if not submitted by		
Name of person on behalf of the applicant	Title	
Edwin L. Rensink	Principal	
Name of organization	Telephone number	
RTM Consultants, Inc.	(317) 329-7700	
Address (number and street, city, state, and Zip code)		
6640 Parkdale Place, Suite J, Indianapolis, Indiana 46254	<u></u>	
3. DESIGN PROFESSIONAL OF RECORD (If applicable)	License number	
Name of design professional	32631	
Wayne S. Schmidt, FAIA Name of organization	Telephone number	The same of the sa
	(317) 263-6226	
Schmidt Associates Address (number and street, city, state, and Zip code)	Table 4, and Tender - 1 . 1 . 1	er e ferre versage (ever på en er en
Wil-Fra-Mar Building 320 East Vermont Street Indianapolis, Indiana 4	6204	
4. PROJECT IDENTIFICATION		
Name of project	State project number	County
Greenwood Southwest Elementary School Addition		Johnson County
Site Address (number and street, city, state, and Zip code)		1 common comme,
619 West Smith Valley Road Greenwood, Indiana 46142		
Type of project: New Addition Alteration Change	of Occupancy I	Existing
5. REQUIRED ADDITIONAL INFORMATION		
5. REQUIRED ADDITIONAL INFORMATION The following required information has been included with this application (chack as application).	sahla):	
The following required information has been included with this application (check as appli		
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7. DESCRIPTION OF REQUESTED VARIANCE		
Name of code or standard and edition involved	Specific code section	
General Administrative Rules	Rule 4, Section 12(f)	
Nature of non-compliance (include a description of spaces, equipment, etc. invol	veu as necessary)	
The proposed addition of approximately 6,500 square square feet will exceed the allowable area for Type III exceed the permitted 20,000 square feet for a nonspring	B Construction per current code (25,3/5 s	proximately 49,000 quare feet), and will
The 1-story addition will include a media center and a Occupancy with less than 10% B Occupancy accessor include some limited renovation in the area currently	ry occupancy administrative offices. The	ssified as E project will also
8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WEL	LFARE WILL BE PROTECTED	
Select one of the following statements:		
Non-compliance with the rule will not be adverse to the public her	alth, safety or welfare; or	iance will not be adverse
 Applicant will undertake alternative actions in lieu of complication public health, safety, or welfare. Explain why alternative actions 	ance with the fulle to ensure that granting of the valuactions would be adequate (be specific).	,
Facts demonstrating that the above selected statement is true:	•	
 The addition will be protected with an automatic The egress travel distance from the addition to a Based upon the limited scope of the addition and additional area to the building will not be advers 	n exit will be a maximum of approximate! I automatic sprinkler protection througho	ly 100 feet. ut the addition, the
9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALL	Y SIGNIFICANT STRUCTURE	
Select one of the following statements:	i de la composition della comp	
☐ Imposition of the rule would result in an undue hardship (Lits utility services		
Imposition of the rule would result in an undue hardship (unubuilding or structure		
Imposition of the rule would result in an undue hardship (unusual Imposition of the rule would prevent the preservation of An archite	difficulty) because of excessive costs of additional or a acturally or a historically significant part of the building o	litered construction elements or structure.
Facts demonstrating that the above selected statement is true:		
Hardship is the cost to create a new structurally stab	Jo fire well to separate the addition - insti	allation of a sprinkler
system in the addition is a better use of the available	funding for this project.	
10. STATEMENT OF ACCURACY		
I hereby certify under penalty of perjury that the information contained		signature (month, day, year)
Signature of applicant or person submitting application Please print	t namo	
Edwin L. Signature of design professional (if applicable) Please print		signature (month, day, year)
	Schmidt, FAIA	
		en the following statements
11. STATEMENT OF AWARENESS (If the application is submitted)	ted on the applicant's behalf, the applicant must sig	on submitted on my behalf
I hereby certify under penalty of perjury that I am aware of this t	request for variance and that this application is beli	signature (month, day, year)

Dr. David Edds



INDIANA DEPARTMENT OF HOMELAND SECURITY CODE SERVICE SECTION

402 West Washington Street, Room W246 Indianapolis, IN 46204-2739 http://www.in.gov/dhs/fire/fp_bs_comm_code/



INSTRUCTION: Please refer to the attached four (4) page instructions.

Attach additional pages as needed to complete this application.

Variance number (Assigned by department)

13-03-35(6)

1. APPLICANT INFORMATION (Person who would be in violation if variance is not granted;	sually this is the owner)	
Name of the applicant	Title	
Dr. David Edds	Superintendent	
Name of organization	Telephone number	
Greenwood Community School Corporation	(317) 889-4060	
Address (number and street, city, state, and Zip code)		
605 West Smith Valley Road Greenwood, Indiana 46142		
2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT (if not submitted by		
Name of person on behalf of the applicant	Title	
Edwin L. Rensink	Principal Telephone number	
Name of organization	(317) 329-7700	
RTM Consultants, Inc. Address (number and street, city, state, and Zip code)	(317) 323-1700	
6640 Parkdale Place, Suite J, Indianapolis, Indiana 46254		
3. DESIGN PROFESSIONAL OF RECORD (If applicable)		
Name of design professional	License number	
Wayne S. Schmidt, FAIA	32631	
Name of organization	Telephone number	
Schmidt Associates	(317) 263-6226	
Address (number and street, city, state, and Zip code)	the state of the s	
Wil-Fra-Mar Building 320 East Vermont Street Indianapolis, Indiana 4	6204	
4. PROJECT IDENTIFICATION	and the state of the state of	
4. PROJECT IDENTIFICATION		
Name of project	State project number	County
Name of project Greenwood Southwest Elementary School Addition	State project number	County Johnson County
Name of project Greenwood Southwest Elementary School Addition Site Address (number and street, city, state, and Zip code)	State project number	•
Name of project Greenwood Southwest Elementary School Addition Site Address (number and street, city, state, and Zip code) 619 West Smith Valley Road Greenwood, Indiana 46142		Johnson County
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Name of project Greenwood Southwest Elementary School Addition Site Address (number and street, city, state, and Zip code) 619 West Smith Valley Road Greenwood, Indiana 46142		Johnson County
Name of project Greenwood Southwest Elementary School Addition Site Address (number and street, city, state, and Zip code) 619 West Smith Valley Road Greenwood, Indiana 46142 Type of project: New Addition Alteration Change of	of Occupancy E	Johnson County
Name of project Greenwood Southwest Elementary School Addition Site Address (number and street, city, state, and Zip code) 619 West Smith Valley Road Greenwood, Indiana 46142 Type of project: New Addition Alteration Change of Street Addition Alteration Change of Street Addition Alteration Change of Street Addition Addition Change of Street Addition Addition Change of Street C	of Occupancy E	Johnson County
Name of project Greenwood Southwest Elementary School Addition Site Address (number and street, city, state, and Zip code) 619 West Smith Valley Road Greenwood, Indiana 46142 Type of project: New ■ Addition ■ Alteration Change of Street Addition ■ Addition ■ Alteration Change of Street Addition ■ Alteration Change of Street Addition ■ Alteration Change of Street Addition ■ Addition ■ Alteration Change of Street Addition ■ Alteration Of Street Addition ■	of Occupancy E cable): ount. (see instructions)	Johnson County Existing
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Greenwood Southwest Elementary School Addition Site Address (number and street, city, state, and Zip code) 619 West Smith Valley Road Greenwood, Indiana 46142 Type of project: New Addition Alteration Change of S. REQUIRED ADDITIONAL INFORMATION The following required information has been included with this application (check as appliance) A check made payable to the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the appropriate amount of the Indiana Department of Homeland Security for the Indiana Department of Homeland Security for the Action One (1) set of plans of the Indiana Department of Homeland Security for the Indiana Department of	of Occupancy Exable): bunt. (see instructions) ested variance and any proplication.	Johnson County Existing
Site Address (number and street, city, state, and Zip code) 619 West Smith Valley Road Greenwood, Indiana 46142 Type of project: New Addition Alteration Change of S. REQUIRED ADDITIONAL INFORMATION The following required information has been included with this application (check as appliance) A check made payable to the Indiana Department of Homeland Security for the appropriate amount one (1) set of plans or drawings and supporting data that describe the area affected by the requalternatives. Written documentation showing that the local fire official has received a copy of the variance appliance with the plan Review Section of the Division of Fire & Building Safety issued a Correction Order? □ Yes (if yes, attach a copy of the Correction Order) No	of Occupancy Example (Cable): bunt. (see instructions) ested variance and any proplication. e application.	Johnson County Existing
Site Address (number and street, city, state, and Zip code) 619 West Smith Valley Road Greenwood, Indiana 46142 Type of project: New Addition Alteration Change of 5. REQUIRED ADDITIONAL INFORMATION The following required information has been included with this application (check as appliance) A check made payable to the Indiana Department of Homeland Security for the appropriate and the Indiana One (1) set of plans or drawings and supporting data that describe the area affected by the requalternatives. Written documentation showing that the local fire official has received a copy of the variance appliance of the Violation Information 6. VIOLATION INFORMATION Has the Plan Review Section of the Division of Fire & Building Safety issued a Correction Order? □ Yes (if yes, attach a copy of the Correction Order) No	of Occupancy Cable): Fount. (see instructions) Rested variance and any prophication. Re application.	Johnson County Existing

7. DESCRIPTION OF REQUESTED VARIANCE Name of code or standard and edition involved Specific code section General Administrative Rules 1017.1 Nature of non-compliance (include a description of spaces, equipment, etc. involved as necessary) New egress corridor construction (walls and doors) in the proposed addition will not be of fire-rated construction. Based upon an occupant load of more than 30 served by the corridor, fire-rated construction is required. The proposed 1-story addition will be approximately 6,500 square feet, and will include a media center and administrative offices. The building is classified as E Occupancy with less than 10% B Occupancy accessory occupancy administrative offices. The project will also include some limited renovation in the area currently occupied by the administrative offices. 8. DEMONSTRATION THAT PUBLIC HEALTH, SAFETY, AND WELFARE WILL BE PROTECTED Select one of the following statements: Non-compliance with the rule will not be adverse to the public health, safety or welfare; or Applicant will undertake alternative actions in lieu of compliance with the rule to ensure that granting of the variance will not be adverse to public health, safety, or welfare. Explain why alternative actions would be adequate (be specific). Facts demonstrating that the above selected statement is true: The addition will be protected with an automatic sprinkler system - the sprinkler system will provide the same benefit as rated corridors in that a fire within individual rooms and spaces will be limited to the area of origin and not compromise the path of egress. The egress travel distance from the addition to an exit will be a maximum of approximately 100 feet. 2. Based upon the limited scope of the addition and automatic sprinkler protection throughout the addition, the 3. lack of fire-rated corridor construction in the addition will not be adverse to safety. 9. DEMONSTRATION OF UNDUE HARDSHIP OR HISTORICALLY SIGNIFICANT STRUCTURE Select one of the following statements: Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services Imposition of the rule would result in an undue hardship (unusual difficulty) because of major operational problems in the use of the building or structure Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements ☐ Imposition of the rule would prevent the preservation of An architecturally or a historically significant part of the building or structure. Facts demonstrating that the above selected statement is true: Nonrated openings are desired in the corridor walls in the addition for functional purposes - installation of a sprinkler system in the addition is a better use of the available funding for this project than for creating fire-rated corridor construction in the addition. 10. STATEMENT OF ACCURACY I hereby certify under penalty of perjury that the information contained in this application is accurate Signature of applicant or person submitting application Please print name Date of signature (month, day, year) Edwin L. Rensink Signature of design professional (if applicable) Please print name Date of signature (month, day, year) Wayne S. Schmidt, FAIA 11. STATEMENT OF AWARENESS (If the application is submitted on the applicant's behalf, the applicant must sign the following statement) I hereby certify under penalty of perjury that I am aware of this request for variance and that this application is being submitted on my behalf.

Please print name

Dr. David Edds

Date of signature (month, day, year)

Signature of applicant



City of Greenwood Department of Planning and Zoning Office of the Building Commissioner 225 South Emerson Avenue, Ste. C Greenwood, Indiana 46143 (317) 881-8698

CONDITIONS OF IMPROVEMENT LOCATION PERMIT

Page 1 of 3

The plans, specifications and application submitted for the referenced project have been reviewed for compliance with the applicable rules of the State of Indiana Building Code and the City of Greenwood Zoning Ordinance. The project is released for construction subject to, but not necessarily limited to, the conditions listed below.

Const Type II-B,	Occu Class E	Square Feet 7,129	Number of Occupants 143	Permit Applicant WAYNE SCHMIDT SCHMIDT & ASSOCIATES	Project Name and Address SOUTHWEST ELEMENTARY SCHOOL
Plan Re	eview By	-	rmit Type DMMA	320 E. VERMONT ST INDPLS, IN. 46204	619 W. SMITHVALLEY RD. GREENWOOD, IN. 46142
					GREET (

- ➤ All work performed shall conform to the Indiana State Building Codes.
- This project is also subject to conditions from local Fire Marshal.
- > Sprinkler plans needed to be submitted prior to installation for review by local Fire Marshal.
- > Contact Amy Powell from the Planning Department for Final landscape inspection.
- ➤ Section 508 Incidental use areas. Areas that are incidental to the main occupancy shall be separated and protected in accordance with Table 508.2 and shall be classified in accordance with the main occupancy of the portion of the building in which the incidental use area is located. 2008 Indiana Building Code.
- > Section 606.2.1, 606.2.2 Smoke detectors shall be installed in return air systems with a design capacity greater than 2,000 cfm, in the return air duct or plenum upstream of any filters, exhaust air connections, outdoor air connections, or decontamination equipment and appliances. 2008 Indiana Mechanical Code.
- > Section 606.4.1 The smoke detectors shall be connected to a fire alarm system. The actuation of a smoke detector shall activate a visible and audible supervisory signal at a constantly attended location. 2008 Indiana Mechanical Code.
- Section 1004.3 Posting of Occupant Load Every room or space in an assembly occupancy shall have the occupant load of the room or space posted in a conspicuous place, near the main exit or exit access doorway from the room or space. Posted signs shall be of an approved legible permanent design and shall be maintained by the owner or authorized agent. 2008 Indiana Building Code. (MEDIA ROOM)
- Section 2406.2 Glazing in individual fixed or operable panel in/or adjacent to a door is required to have safety glazing. See chapter 24 of the 2006 Indiana Building Code for Hazardous Locations. Note also that this section will deal with other areas of glazing within the space. Label to be visible at all times. 2008 Indiana Building Code
- > Vertical grab bars shall be installed in accordance with section 604.5.1, ANSI 117.1 and Chapter 11 IBC



City of Greenwood Department of Planning and Zoning Office of the Building Commissioner 225 South Emerson Avenue, Ste. C Greenwood, Indiana 46143 (317) 881-8698

CONDITIONS OF IMPROVEMENT LOCATION PERMIT

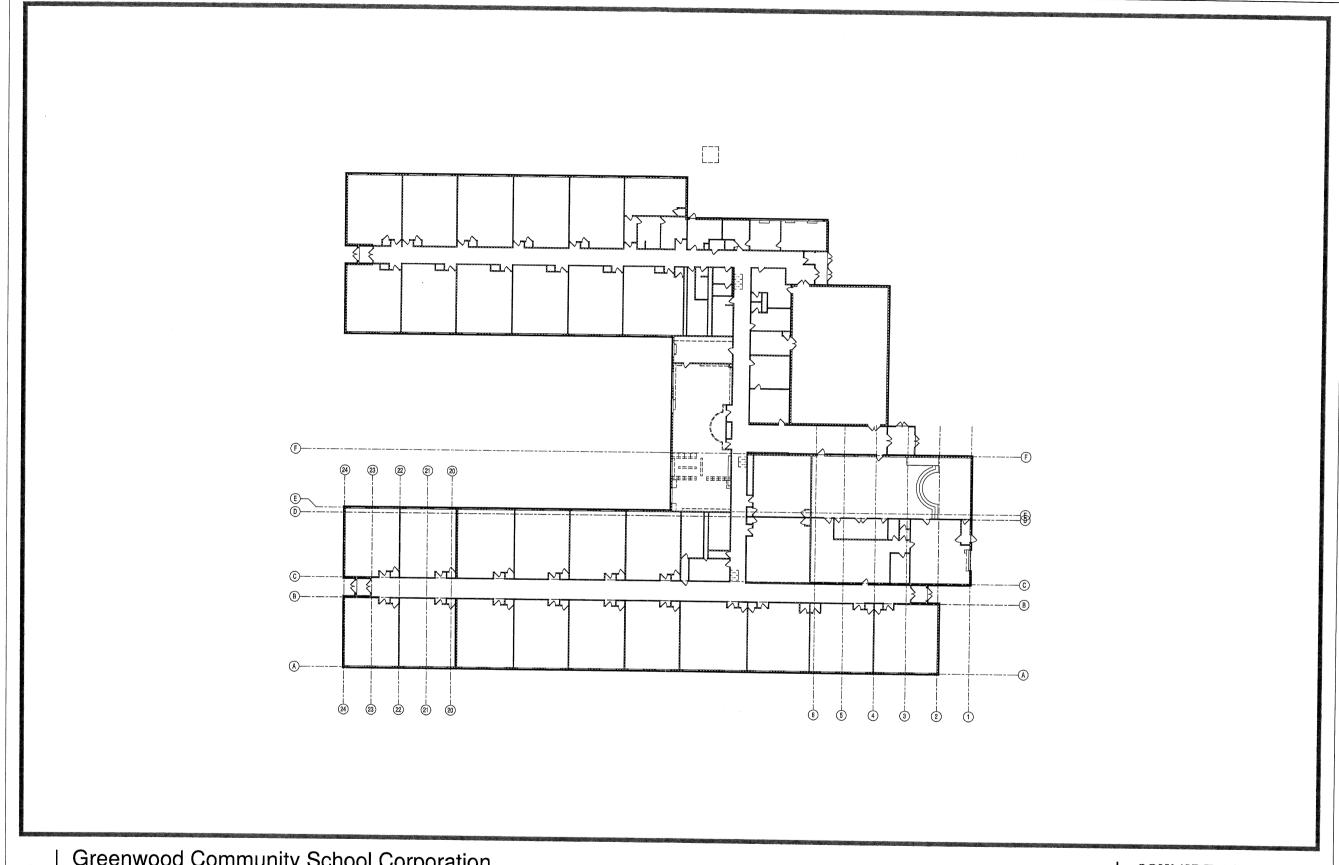
Page 2 of 3

The plans, specifications and application submitted for the referenced project have been reviewed for compliance with the applicable rules of the State of Indiana Building Code and the City of Greenwood Zoning Ordinance. The project is released for construction subject to, but not necessarily limited to, the conditions listed below.

Const	Occu Class	Square Feet	Number of Occupants	Permit Applicant	Project Name and Address
II-B,	E	7,129	143	WAYNE SCHMIDT SCHMIDT & ASSOCIATES	SOUTHWEST ELEMENTARY SCHOOL
Plan Re	view By	Per	mit Type	320 E. VERMONT ST INDPLS, IN. 46204	619 W. SMITHVALLEY RD.
ТО	NY ———	CC	OMMA	11121 25, 111. 1020 1	GREENWOOD, IN. 46142

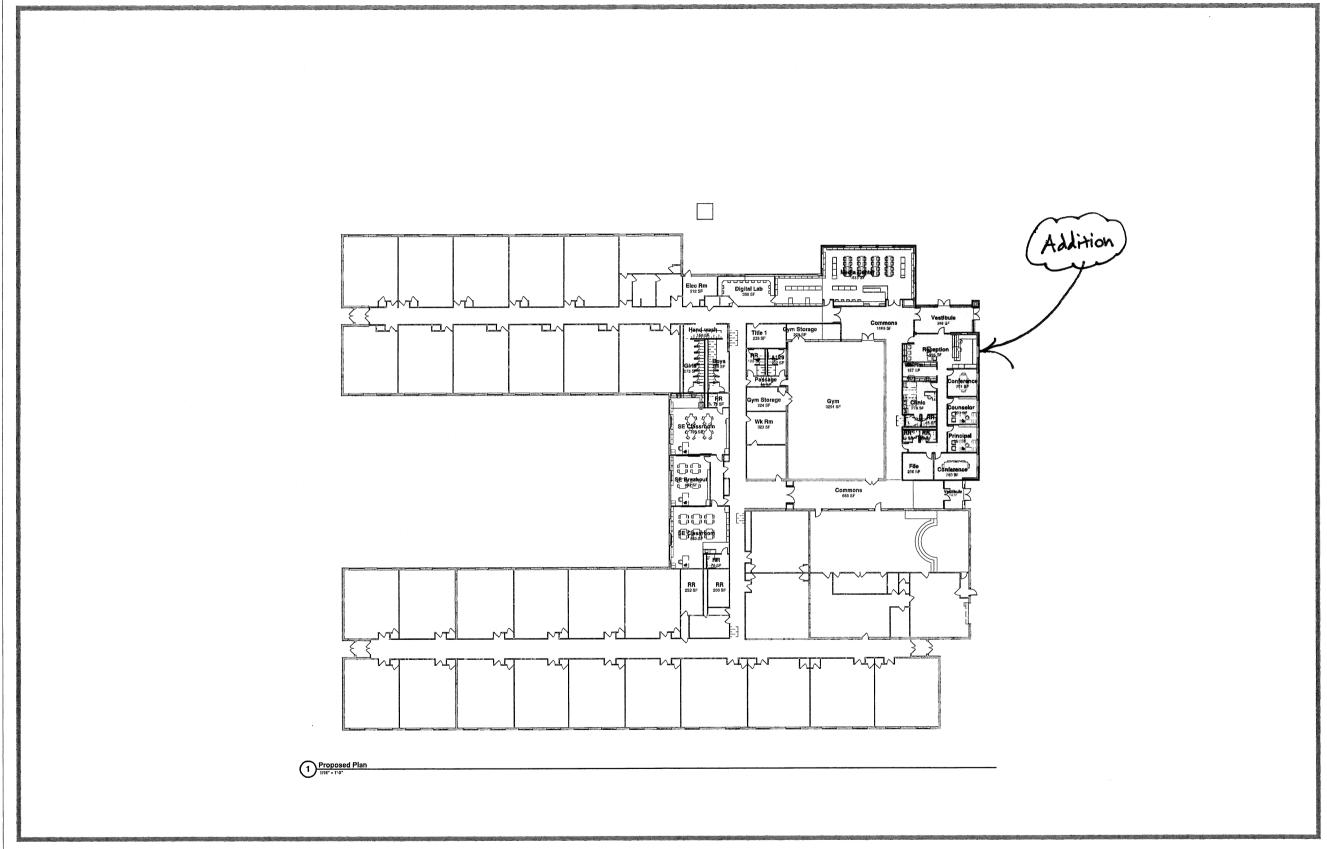
- Toilet Facilities: If toilet rooms are provided, then each public and common use toilet room shall comply with Section 4.22. Other toilet rooms provided for the use of occupants of specific spaces such as a private toilet room for the occupant of a private office shall be adaptable in conformance with CABO/ANSI A117.1 1992 as referenced in Chapter 11 Part 2. If bathing rooms are provided, then each public and common use bathroom shall comply with Section 4.23. Accessible toilet rooms and bathing facilities shall be on an accessible route. Indiana Building Code Chapter 11 Accessibility Section 4.1.3 accessible buildings: Minimum Requirements (11)
- ➤ 1003.3.1.9 Panic and fire exit hardware. Where panic and fire exit hardware is installed, it shall comply with the following:
 - 1. The actuating portion of the releasing device shall extend at least one-half of the door leaf width.
 - 2. A maximum unlatching force of 15 pounds. Each door in a means of egress from occupancy of Group A or E having an occupant load of 100 or more and any occupancy of Group H-1, H-2, H-3 or H-5 shall not be provided with a latch or lock unless it is panic hardware or fire exit hardware. If balanced doors are used and panic hardware is required, the panic hardware shall be of the push-pad type and the pad shall not extend more than one-half the width of the door measured from the latch side
- > Section 1006.3 Illumination emergency power The power supply for means of egress illumination shall normally be provided by the premises' electrical supply.
- In the event of power failure, an emergency electrical system shall automatically illuminate the following areas:
 - Aisles and unenclosed egress stairways in rooms and spaces that require two or more means of egress.
 - Corridors, exit enclosures and exit passageways in buildings required to have two or more exits.
 - Exterior egress components at other than the level of exit discharge until exit discharge is accomplished for buildings required to have two or more exits.
 - Interior exit discharge elements, as permitted in Section 1024.1, in buildings required to have two or more exits
 - Exterior landings, as required by Section 1008.1.5, for exit discharge doorways in buildings required to have two or more exits.

The emergency power system shall provide power for a duration of not less than 90 minutes and shall consist of storage batteries, unit equipment or an on site generator. The installation of the emergency power system shall be in accordance with Section 2702. 2008 Indiana Building Code.



Greenwood Community School Corporation
Southwest Elementary Existing Floor Plan









Greenwood Community School Corporation Southwest Elementary Addition and Remodel

619 West Smith Valley Road Greenwood, Indiana 46143

2012-064.SWE

General Notes

Each Contractor shall be responsible for all costs associated

be promptly referred to the Architect for resolution

Work with the other Prime Contracts.

indicated in the Contract Documents.

Each Contractor shall review in advance all portions of the Work

to verify that the Work will not prohibit completion of the Project as intended in these Contract Documents. Any questions shall

Each Contractor shall refer to the Project Manual for cleaning

Each Contractor shall be responsible for the protection of all

of the Work shall be repaired at no cost to the Owner by the

Each Contractor shall become completely familiar with all aspects of the Work, even those areas designated to be provided by others. This familiarization includes full and

responsible Contractor to match existing to the satisfaction of

Each Contractor shall coordinate respective cutting and patching

complete understanding of the Work described on all Sheets of

the Drawings and in all Sections of the Project Manual. Failure by the Contractor to become completely familiar and cognizant of all aspects of the Work shall not relieve the Contractor of the

responsibility to provide materials, assemblies, or services

surfaces and finishes at interior and exterior of building.

Damaged surfaces and finishes resulting from the performance

Nothing set forth in these Drawings shall release any Contractor

Board of Education

President: Joe Farley Vice President: Jack Napier Secretary: Shirley Roscoe Board Member: Steve Moan Board Member: Nick Schwab

Administration

Dr. David Edds Superintendent: Director of Fiscal Services: Mr. Randy Burns Director of Operations: Mr. Larry Slone

SCHMIDT

ASSOCIATES

Architecture Engineering Technology Interior Design Landscape Architecture

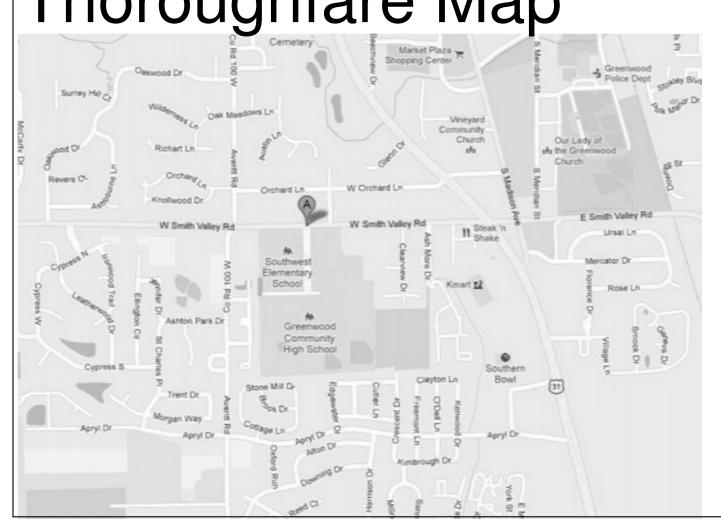
G-000 G-001	COVER SHEET
	FIRE AND LIFE SAFETY PLAN
2 - Civil	I INC / NO LI L ON LI I I LAN
C-001	GENERAL NOTES AND ABBREVIATIONS
C-001 CD101	SITE DEMOLITION PLAN
CL101	SITE LAYOUT PLAN
CL501	SITE LAYOUT DETAILS
CG101	SITE GRADING PLAN
CU101	SITE UTILITY PLAN
CU501	SITE UTILITY DETAILS
CE101	EROSION CONTROL PLAN
CE501	EROSION CONTROL DETAILS
3 - Structural	
SF101	FOUNDATION PLAN
SF102	STRUCTURAL ROOF FRAMING PLAN
S-301	STRUCTURAL ELEVATIONS
S-401	FOUNDATION SECTIONS AND DETAILS
S-402	STRUCTURAL FRAMING SECTIONS AND DETAILS
S-403	STRUCTURAL FRAMING DETAILS
S-501	GENERAL NOTES
4 - Architectu	ral
A-001	ARCHITECTURAL GENERAL NOTES AND ABREVIATIONS
A-002	WALL TYPES
AD1A1	UNIT A DEMOLITION PLAN
AD-310	DEMO SECTIONS
AF101	OVERALL FLOOR PLAN
AF1A1	UNIT A FLOOR PLAN
AC1A1	UNIT A CEILING PLAN
AR100	OVERALL ROOF PLAN
AR101	ROOF PLAN
A-200	BUILDING ELEVATIONS
A-200 A-301	BUILDING SECTIONS
A-301 A-310	WALL SECTIONS & DETAILS
A-311	WALL SECTIONS & DETAILS WALL SECTIONS & DETAILS
	WALL SECTIONS & DETAILS
A-312 A-313	
	WALL SECTIONS & DETAILS ENLARGED PLANS
A-400 A-501	FRAME DETAILS
A-501 A-502	PLAN DETAILS
A-502 A-601	DOOR AND FRAME SCHEDULE
A-900	PERSPECTIVES
5 - Interiors	LINUT A INTERIORO FIROT EL COR RI ANI
1614 6 4	UNIT A INTERIORS FIRST FLOOR PLAN
IN1A1	INTEDIOD CACEMODIC ELEVATIONS
I-201	INTERIOR CASEWORK ELEVATIONS
I-201 I-401	ENLARGED MEDIA CENTER
I-201 I-401 I-402	ENLARGED MEDIA CENTER ENLARGED PLANS
I-201 I-401 I-402 7 - Mechanic	ENLARGED MEDIA CENTER ENLARGED PLANS al
I-201 I-401 I-402 7 - Mechanic M-001	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS
I-201 I-401 I-402 7 - Mechanic M-001 MD1A1	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN
I-201 I-401 I-402 7 - Mechanic M-001	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN
I-201 I-401 I-402 7 - Mechanic M-001 MD1A1 MH1A1 MR101	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN MECHANICAL ROOF PLAN
I-201 I-401 I-402 7 - Mechanic M-001 MD1A1 MH1A1	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN
I-201 I-401 I-402 7 - Mechanic M-001 MD1A1 MH1A1 MR101	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN MECHANICAL ROOF PLAN
I-201 I-401 I-402 7 - Mechanic M-001 MD1A1 MH1A1 MR101 M-501	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN MECHANICAL ROOF PLAN MECHANICAL DETAILS MECHANICAL SCHEDULES
I-201 I-401 I-402 7 - Mechanic M-001 MD1A1 MH1A1 MR101 M-501 M-601	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN MECHANICAL ROOF PLAN MECHANICAL DETAILS MECHANICAL SCHEDULES
I-201 I-401 I-402 7 - Mechanic M-001 MD1A1 MH1A1 MR101 M-501 M-601 8 - Plumbing	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN MECHANICAL ROOF PLAN MECHANICAL DETAILS MECHANICAL SCHEDULES
I-201 I-401 I-402 7 - Mechanic M-001 MD1A1 MH1A1 MR101 M-501 M-601 8 - Plumbing PD1A0	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN MECHANICAL ROOF PLAN MECHANICAL DETAILS MECHANICAL SCHEDULES DEMOLITION PLUMBING PLAN
I-201 I-401 I-402 7 - Mechanics M-001 MD1A1 MH1A1 MR101 M-501 M-601 8 - Plumbing PD1A0 PF1A0	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN MECHANICAL ROOF PLAN MECHANICAL DETAILS MECHANICAL SCHEDULES DEMOLITION PLUMBING PLAN FOUNDATION PLUMBING PLAN
I-201 I-401 I-402 7 - Mechanic M-001 MD1A1 MH1A1 MR101 M-501 M-601 8 - Plumbing PD1A0 PF1A0 PF1A1	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN MECHANICAL ROOF PLAN MECHANICAL DETAILS MECHANICAL SCHEDULES DEMOLITION PLUMBING PLAN FOUNDATION PLUMBING PLAN FIRST FLOOR PLUMBING PLAN
I-201 I-401 I-402 7 - Mechanic M-001 MD1A1 MH1A1 MR101 M-501 M-601 8 - Plumbing PD1A0 PF1A0 PF1A1 P-501	ENLARGED MEDIA CENTER ENLARGED PLANS al MECHANICAL SYMBOLS AND ABBREVIATIONS FIRST FLOOR DEMOLITION PLAN UNIT A HVAC FLOOR PLAN MECHANICAL ROOF PLAN MECHANICAL DETAILS MECHANICAL SCHEDULES DEMOLITION PLUMBING PLAN FOUNDATION PLUMBING PLAN FIRST FLOOR PLUMBING PLAN
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Drawing Index

Vicinity Map

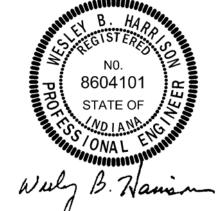


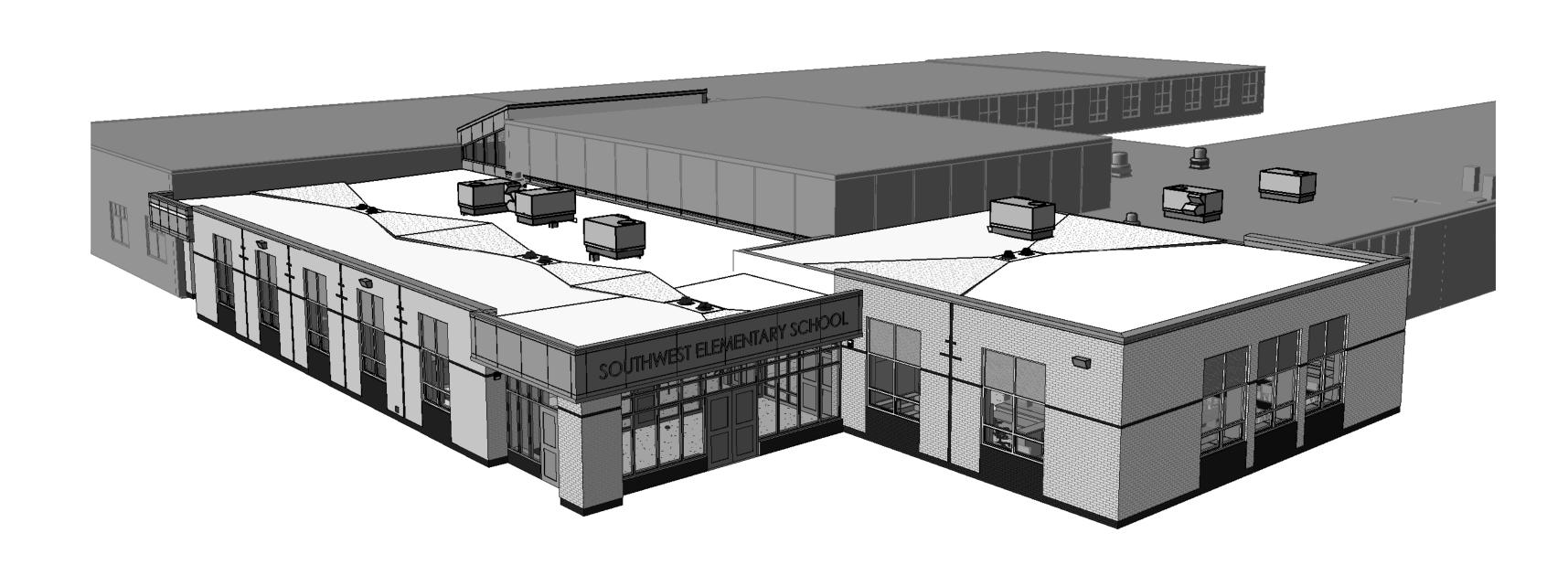
Thoroughfare Map

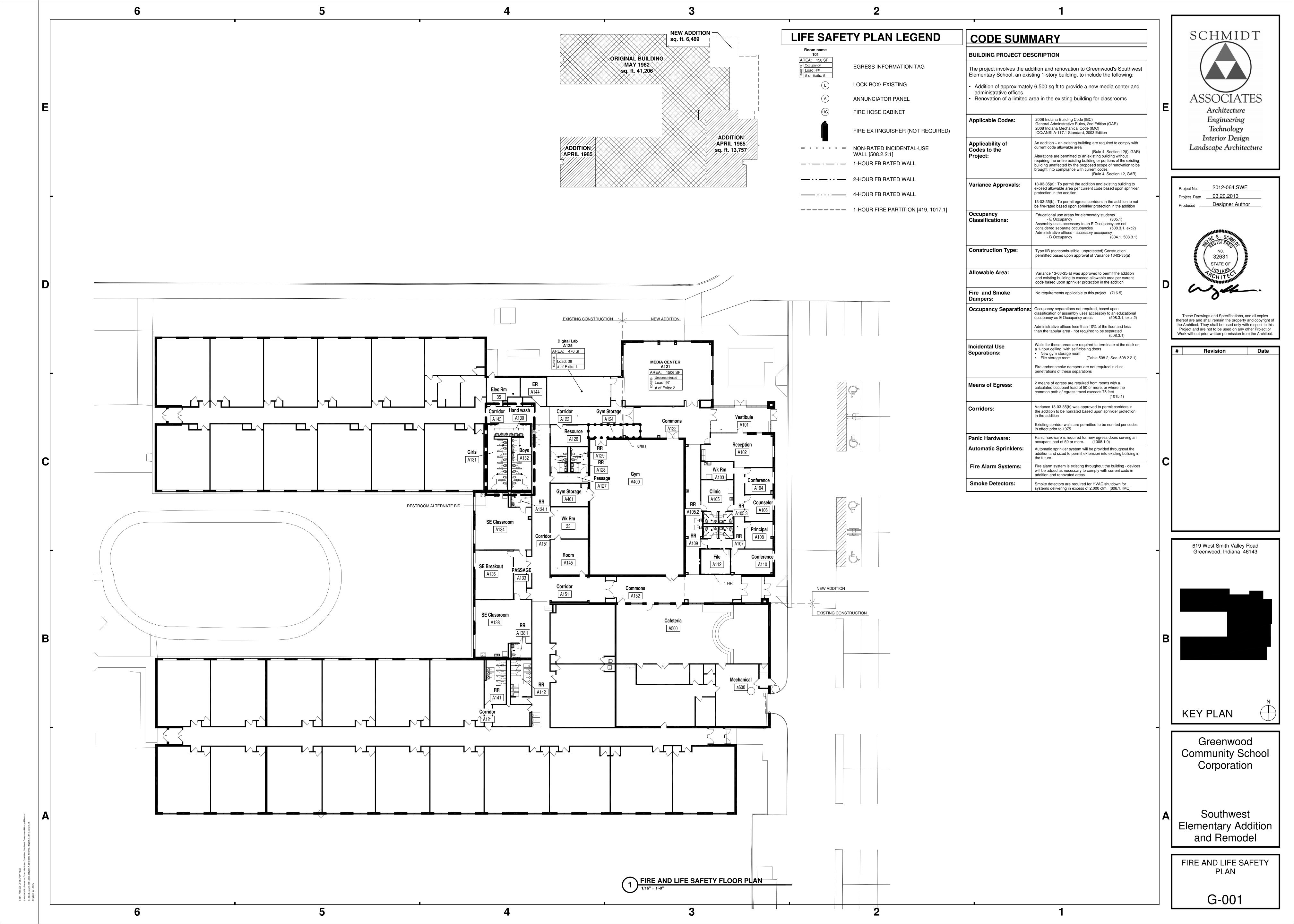


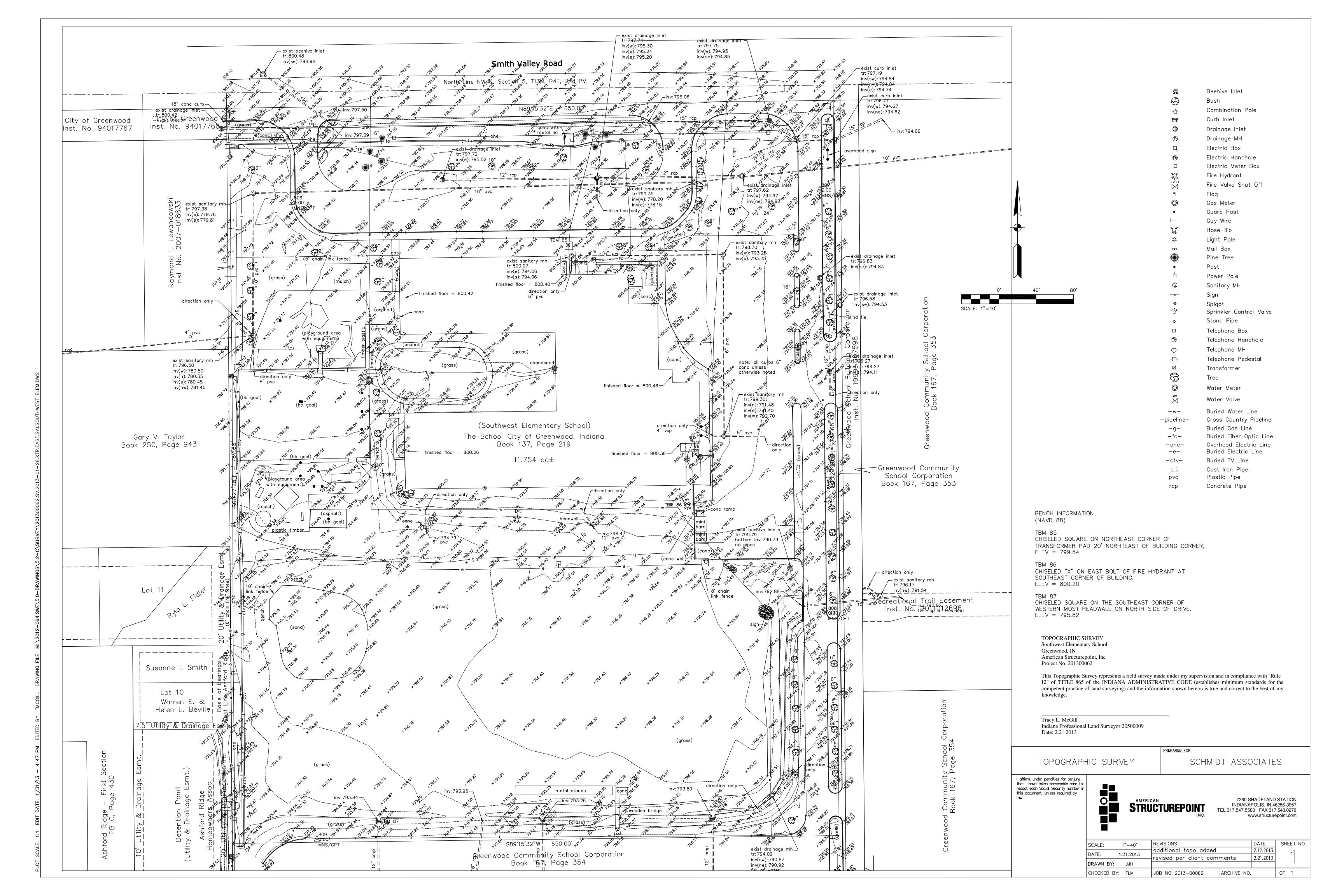


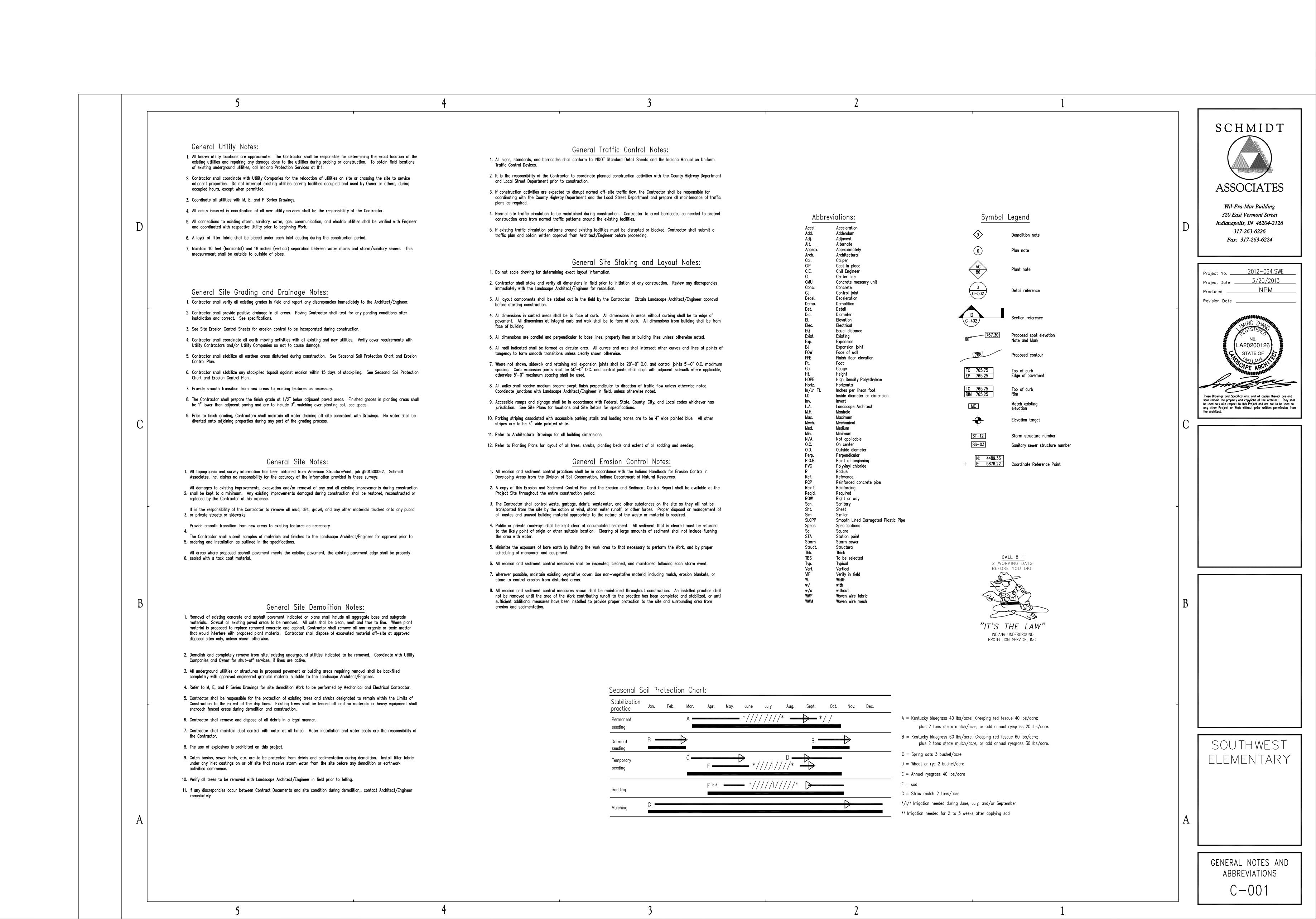


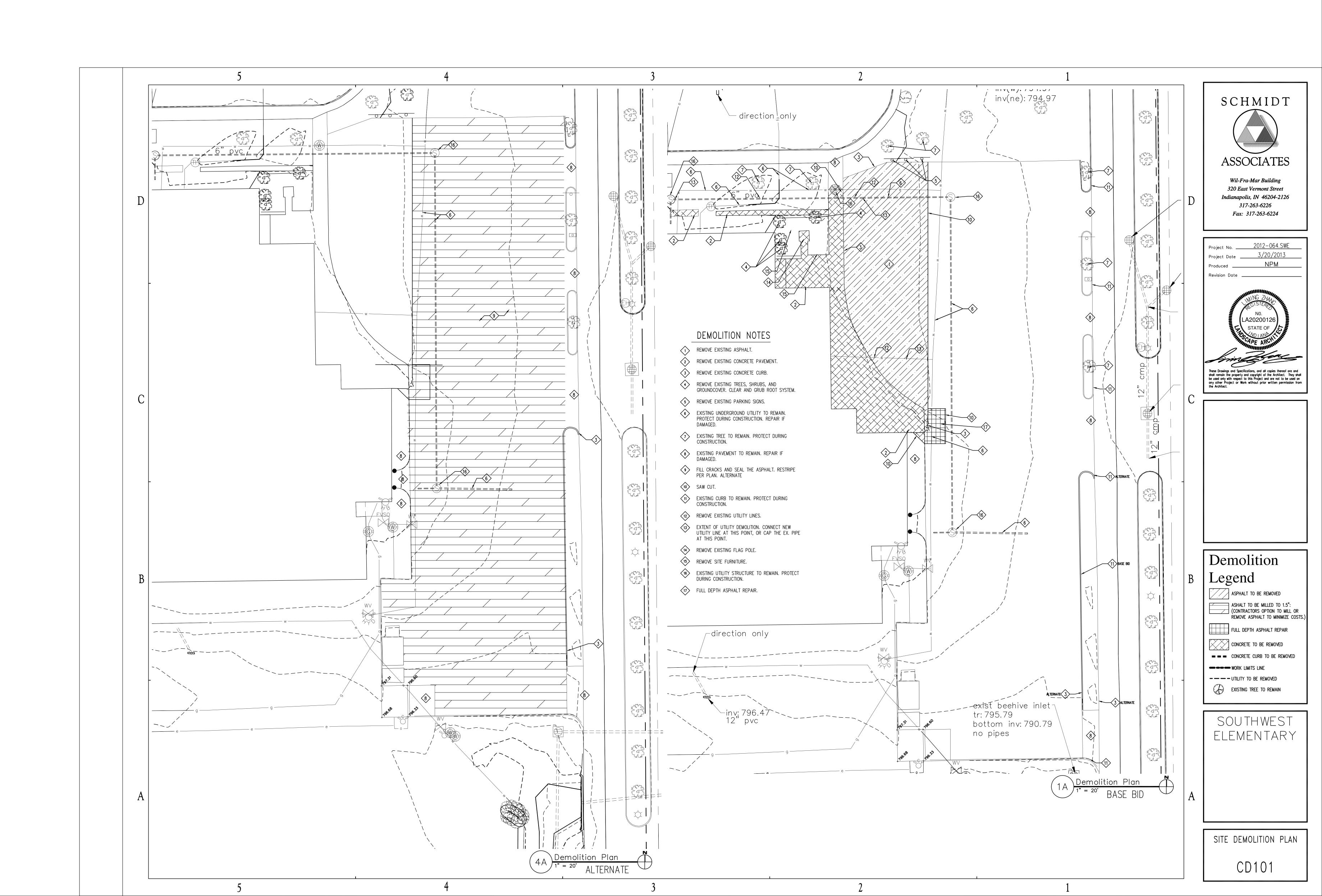


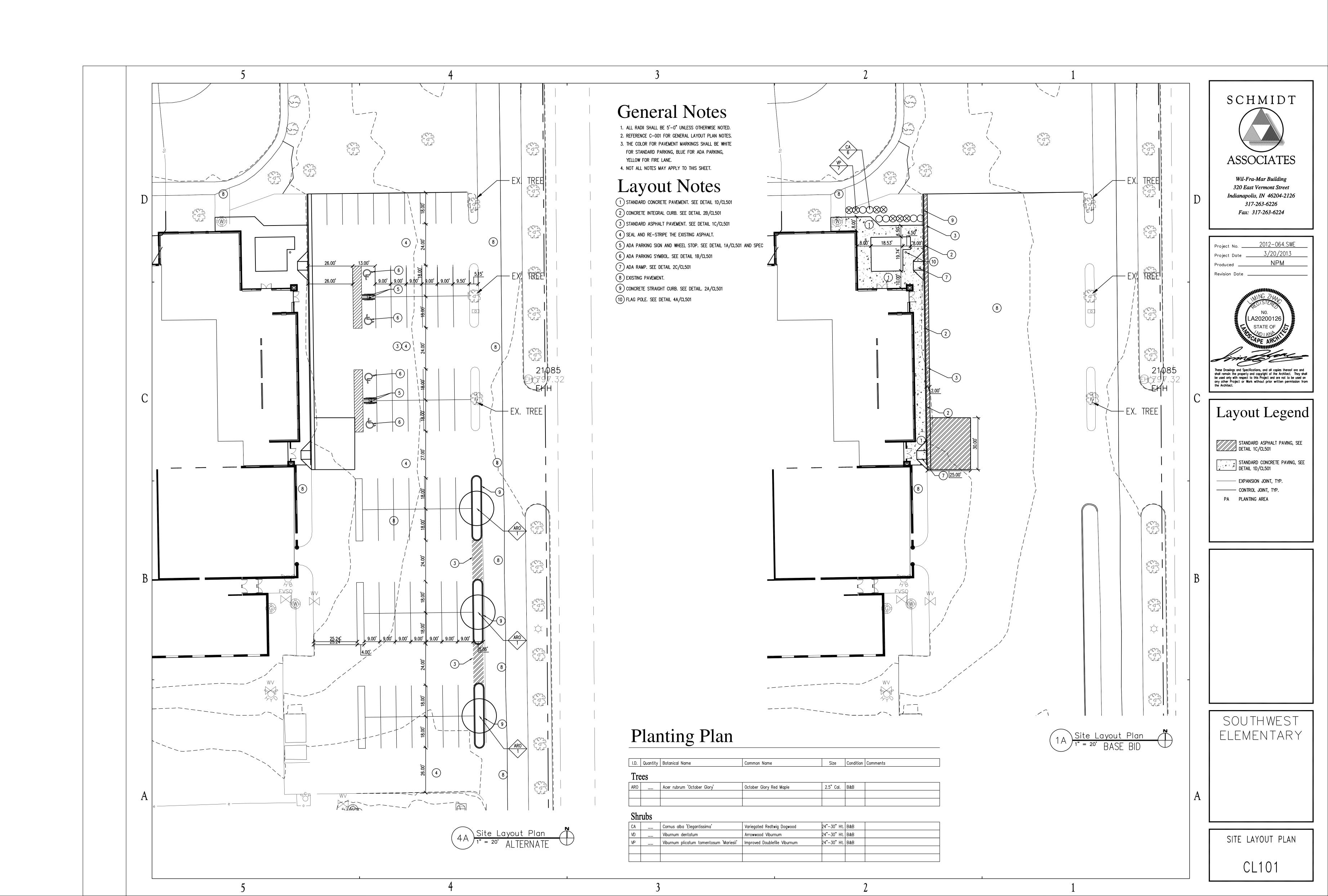


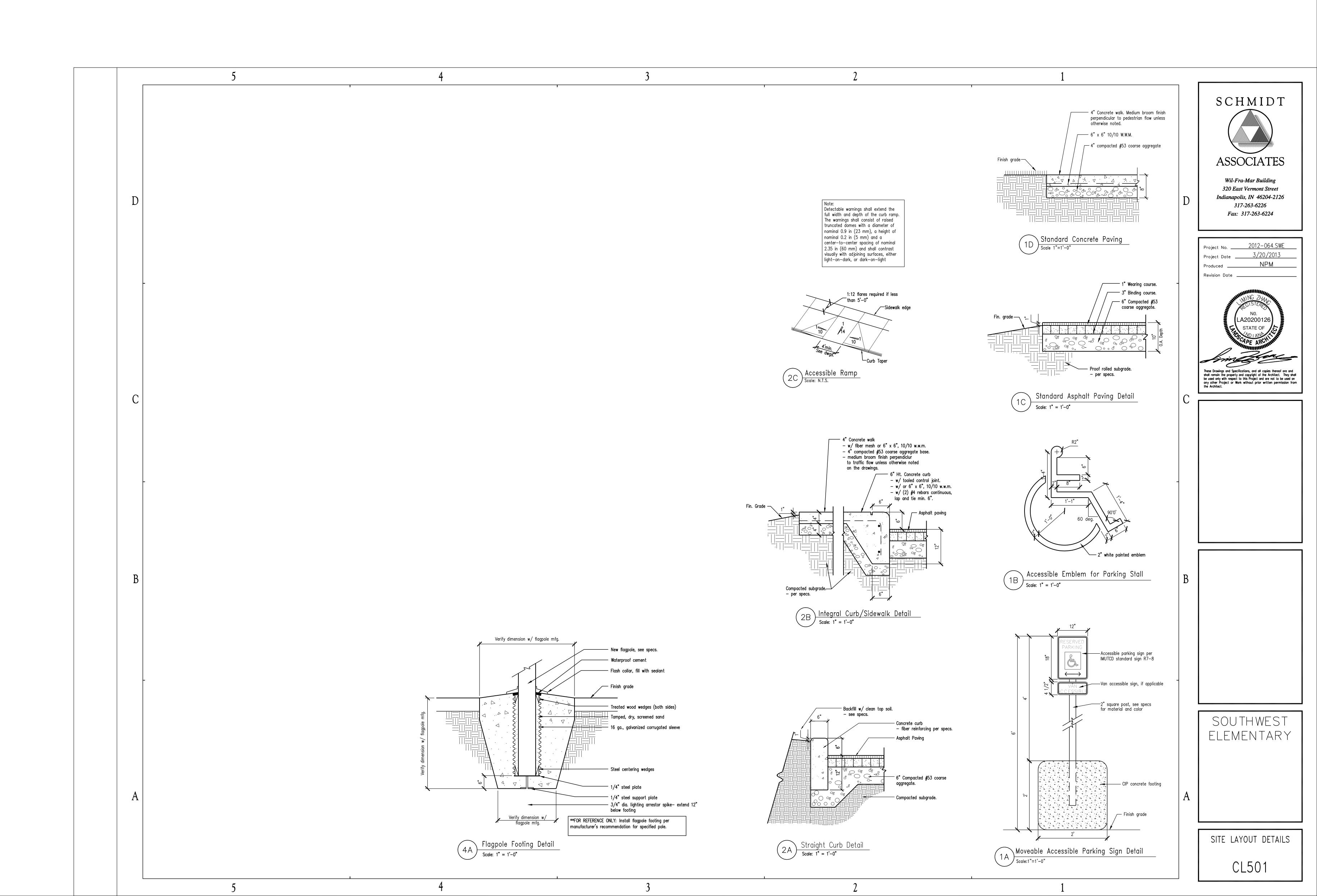


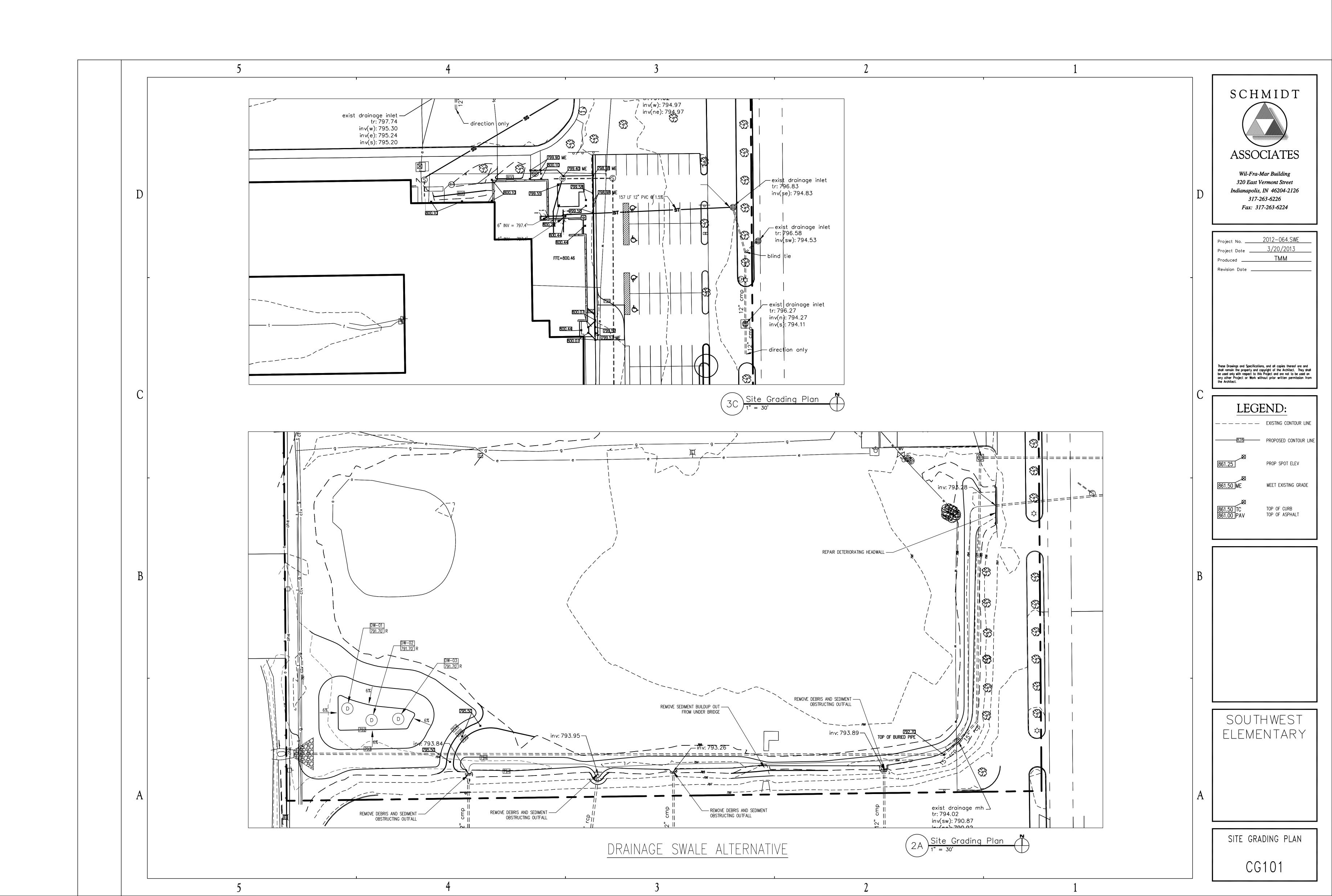


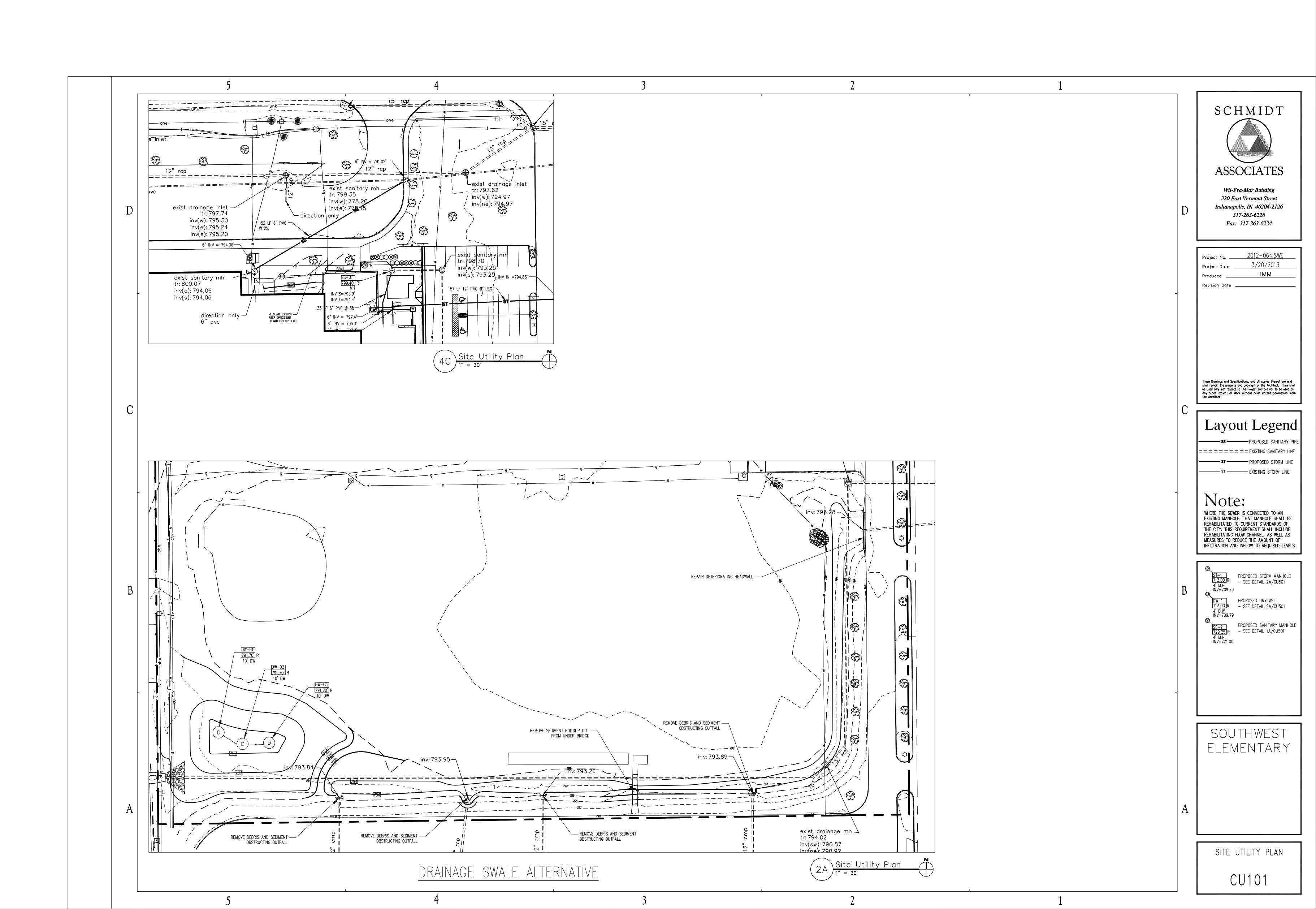


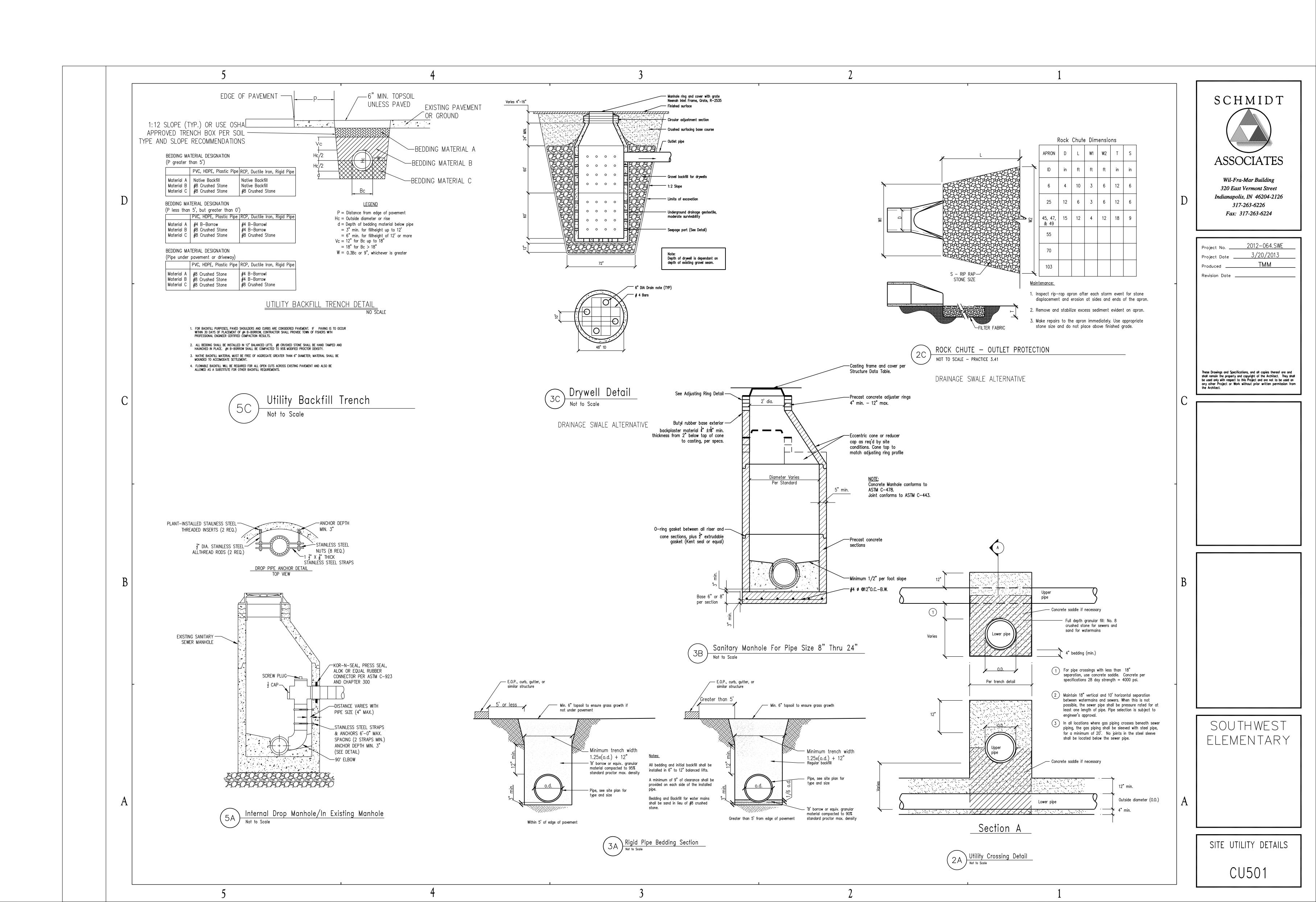


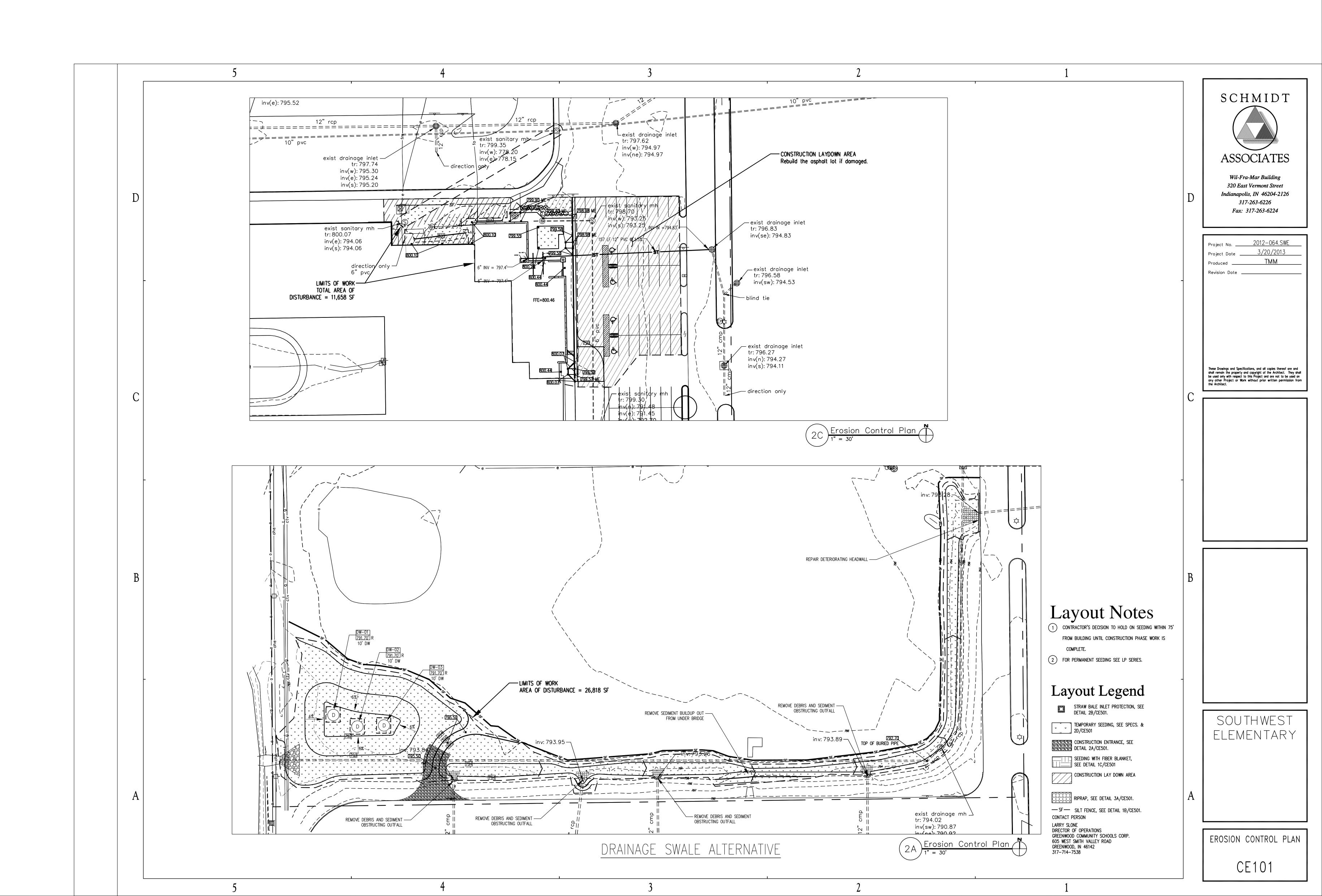


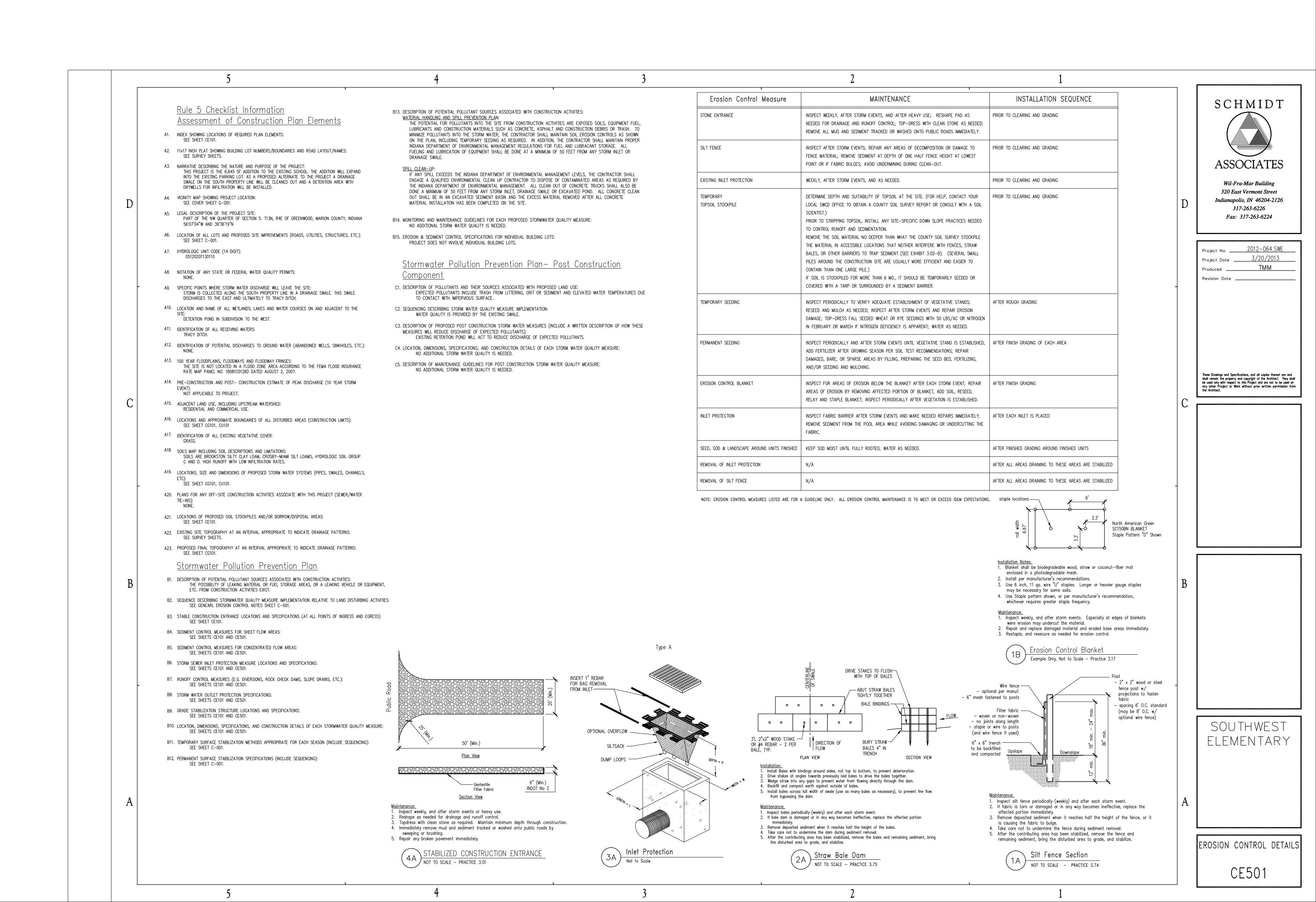


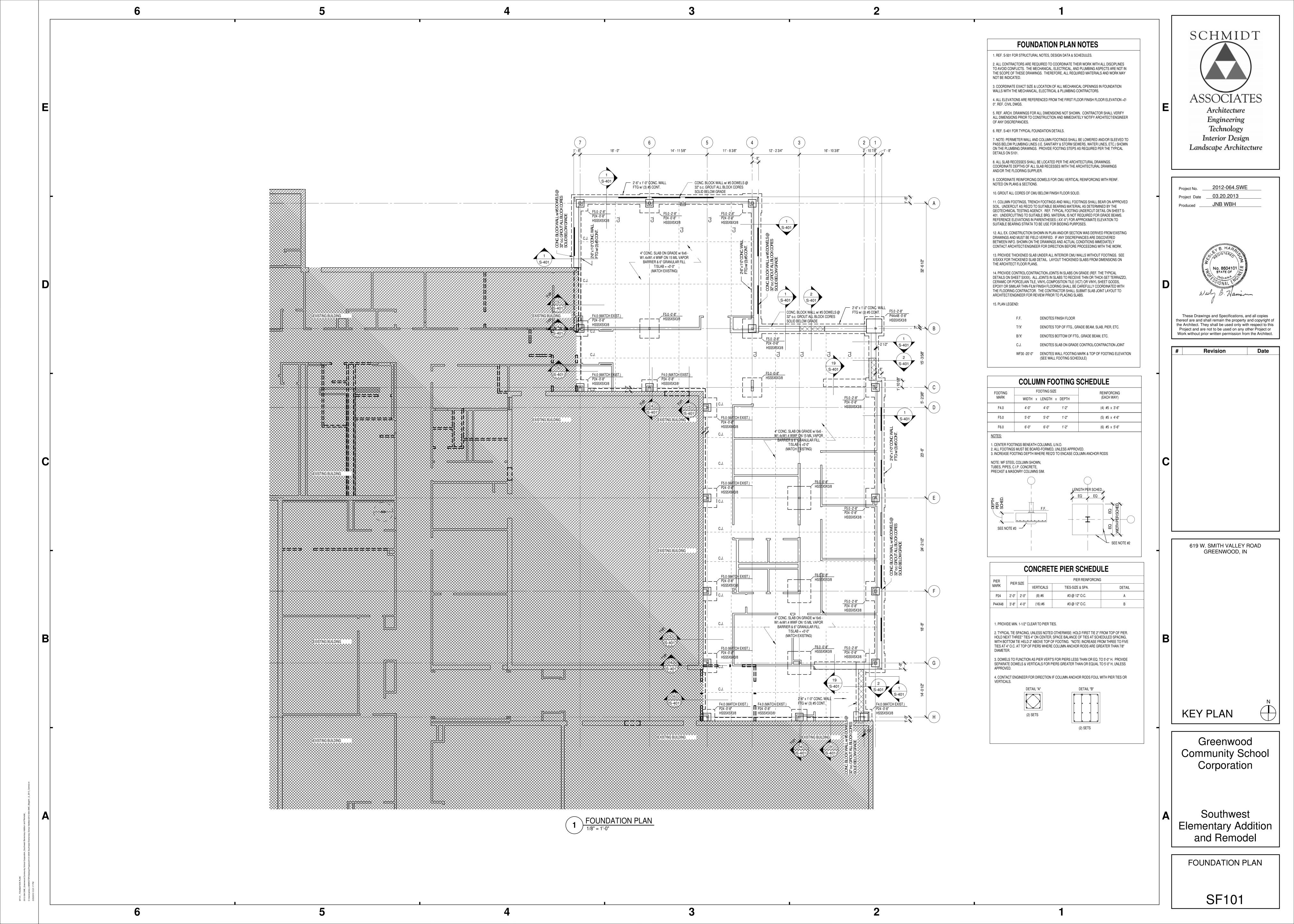


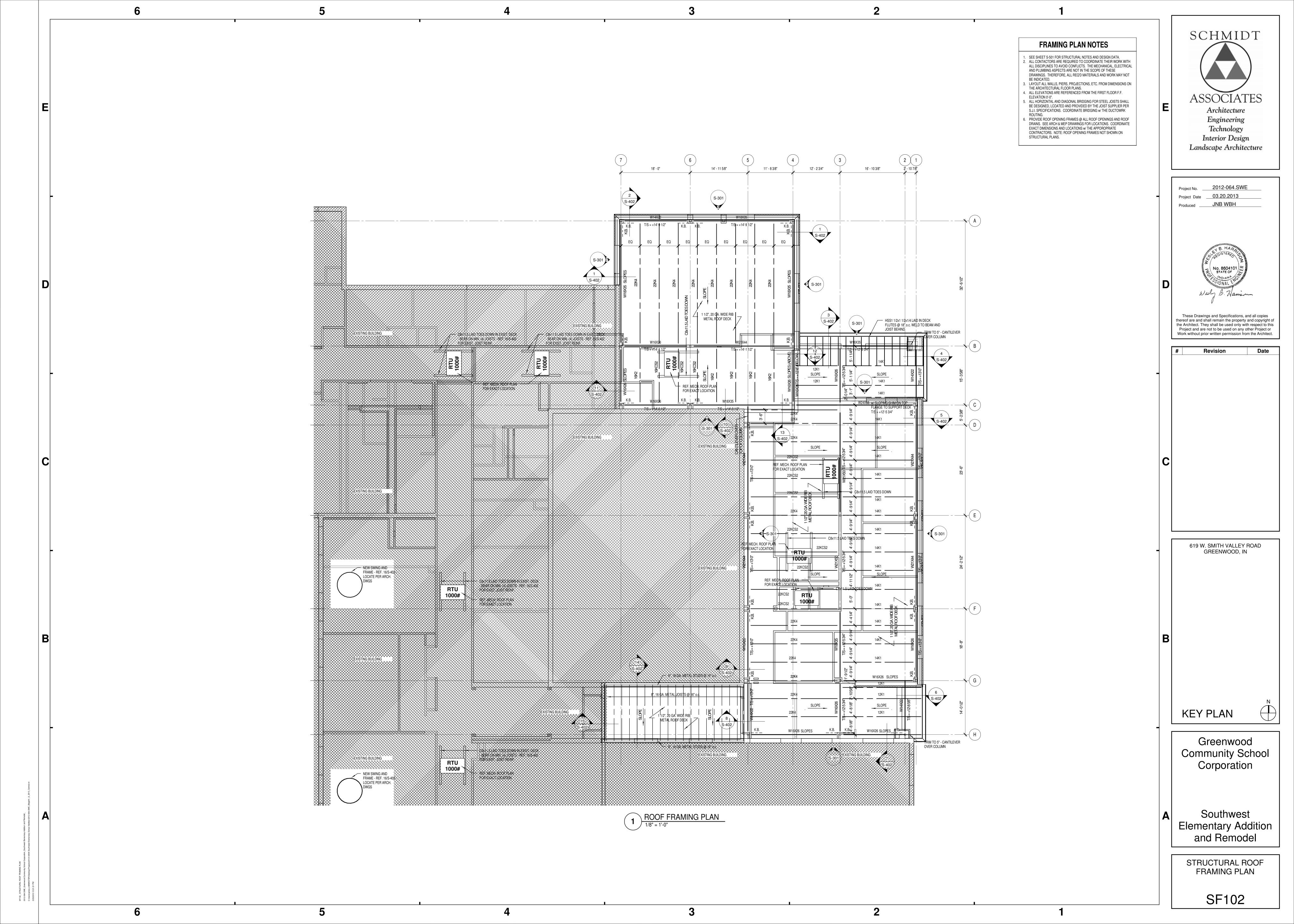


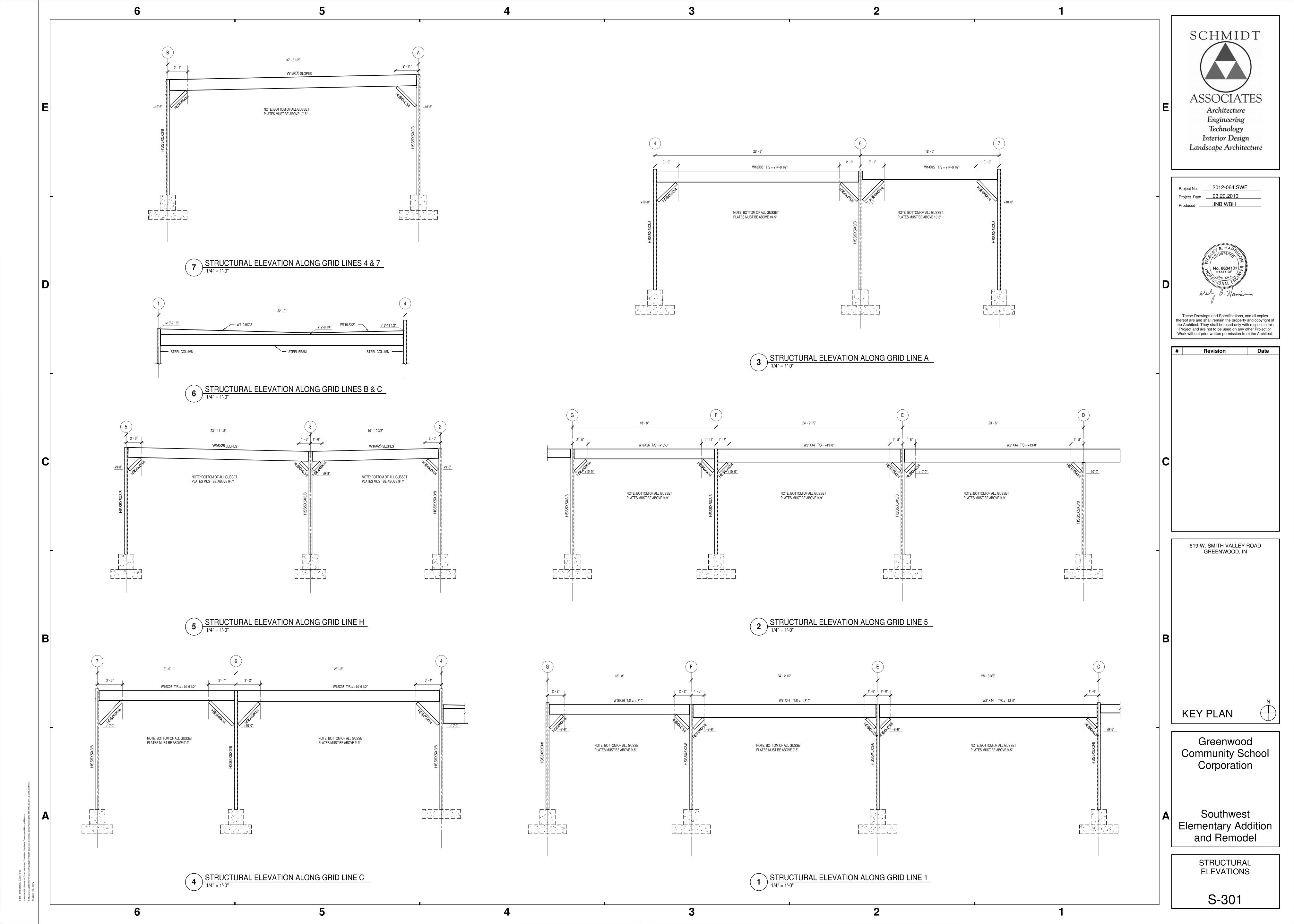


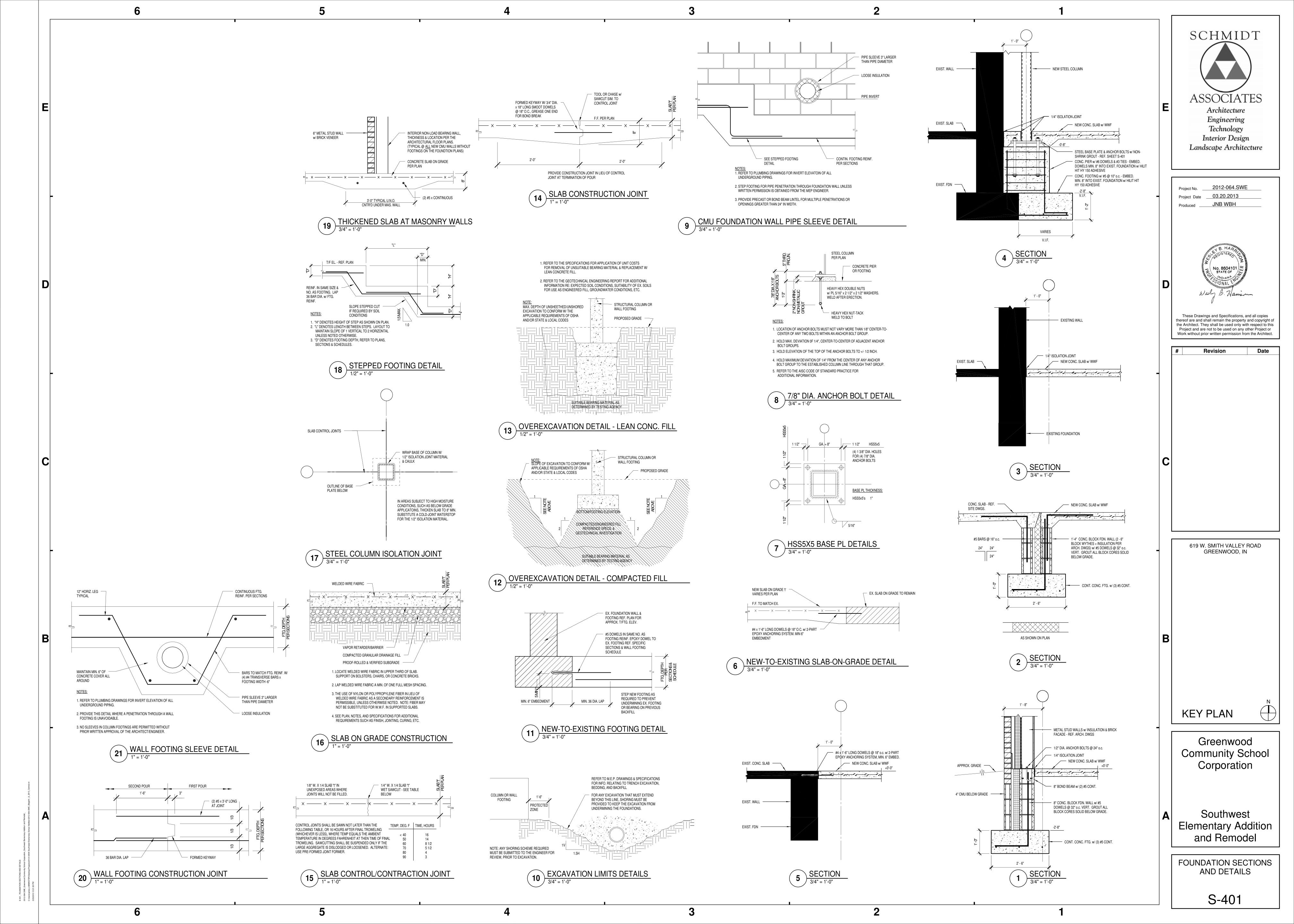


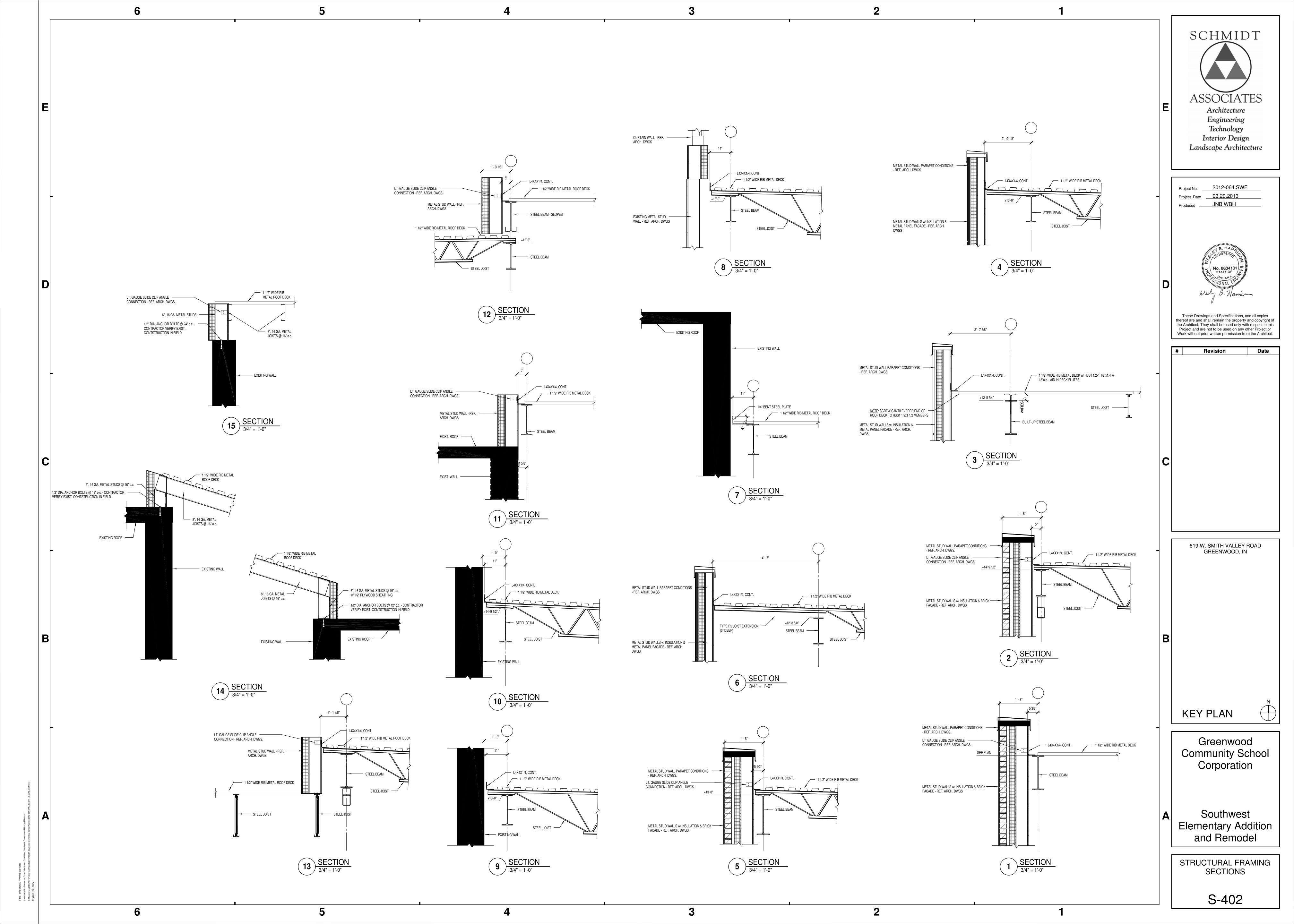


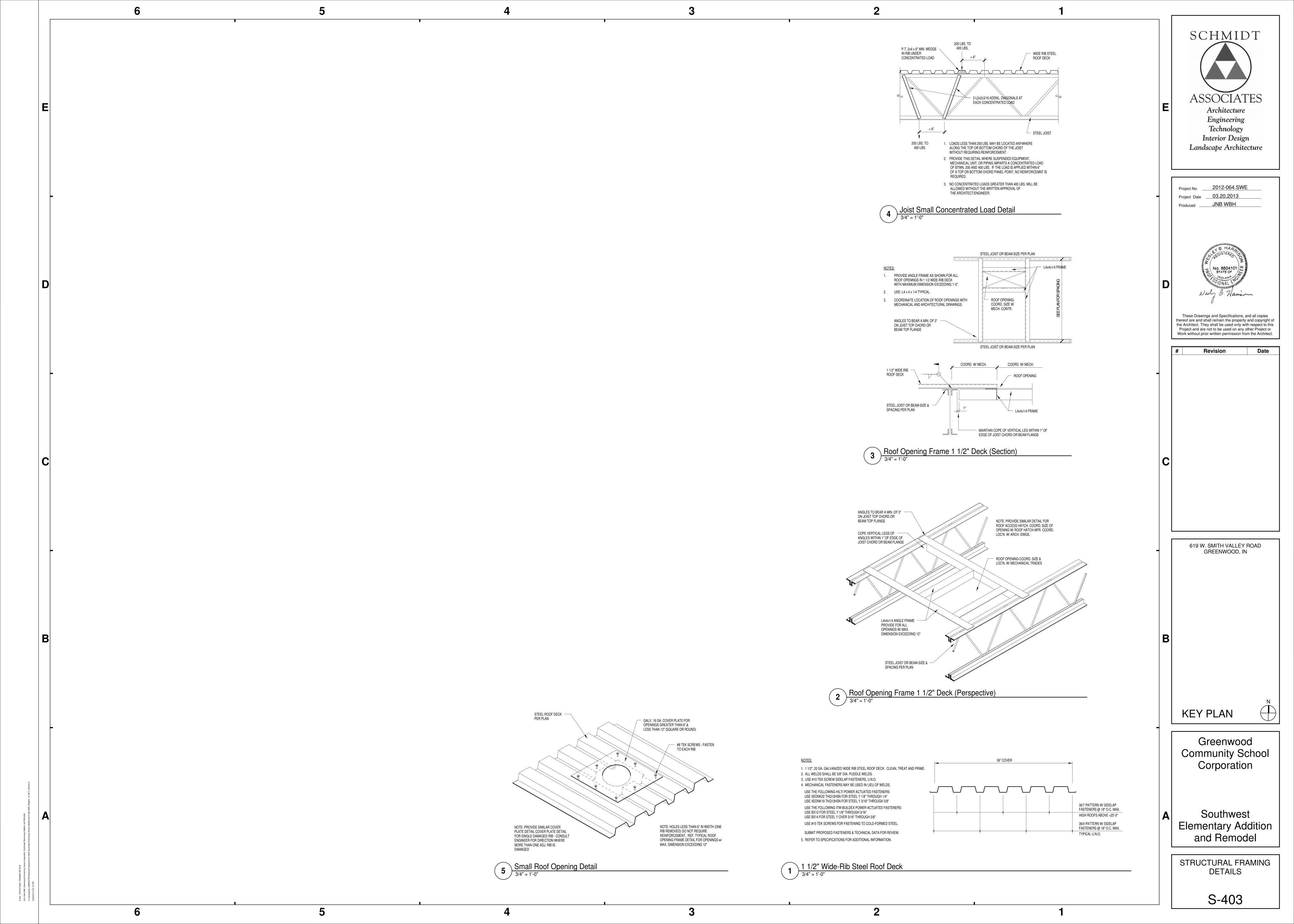












GENERAL NOTES

- 1. The Contractor shall be responsible for complying with all safety precautions and regulations during the work. The Engineer will not advise on, nor issue direction as to safety precautions and programs. 2. The Structural Drawings herein represent the finished structure. The Contractor shall provide all temporary guying and bracing required to erect and hold the structure in proper alignment until all Structural Work and connections have been completed. The investigation, design, safety, adequacy and inspection of erection
- bracing, shoring, temporary supports, etc. is the sole responsibility of the Contractor. 3. The Engineer shall not be responsible for the methods, techniques and sequences are not specifically
- 4. Drawings indicate general and typical details of construction. Where conditions are not specifically shown, similar details of construction shall be used, subject to approval of the Engineer. 5. All structural systems which are to be composed of components to be field erected shall be

shown, similar details of construction shall be used, subject to approval of the Engineer.

- supervised by the Supplier during manufacturing, delivery, handling, storage, and erection in accordance with the Supplier's instructions and requirements. 6. Loading applied to the structure during the process of construction shall not exceed the safe load-carrying
- capacity of the structural members. The live loading used in the design of this structure are indicated in the "Design Criteria Notes." Do not apply any construction loads until structural framing is properly connected together and until all temporary bracing is in place. 7. All ASTM and other referenced standards and codes are for the latest editions of these publications, unless
- 8. Shop drawings and other items shall be submitted to the Engineer for review prior to fabrication. All Shop Drawings shall be reviewed by the Contractor before submittal. The Engineer's review is to be fore conformance with the design concept and general compliance with the relevant Contract Documents. The Engineer's review does not relieve the Contractor of the sole responsibility to review, check, and coordinate the Shop Drawings prior to submission. The Contractor remains solely responsible for errors and omissions associated with the preparation of Shop Drawings as they pertain to member sizes, details,
- 9. Submit Shop Drawings in the form of blueline/blackline prints (min. 2 sets/ max. 5 sets) and one reproducible blackline or sepia copy. In no case shall reproductions of the Contract Documents be used as shop drawings. As a minimum, submit the following items for review.
- Concrete Mix Design(s).
- B. Reinforcing Steel Shop Drawings.

otherwise noted.

- C. Structural Steel Shop Drawings. Steel Joists and Joist Girder Shop Drawings.
- E. Steel Deck Shop Drawings. 10. When calculations are included in the submittals for components of work designed and certified by a Specialty Structural Engineer, the review by the Structural Engineer of Record (SER) shall be for conformance with the relevant Contract Documents. The SER's review does not relieve the Specialty Structural Engineer from responsibility for the design of the system(s) and the coordination with the elements of the structure under the certification of the Engineer of Record, or other Specialty Structural
- Specialty Structural Engineer's design. 11. Contractors shall visit the site prior to bid to ascertain conditions which may adversely affect the work or cost

Engineer. The SER's review does not constitute a warranty of the accuracy or completeness of the

- 12. No structural member may be cut, notched, or otherwise reduced in strength without written direction from the
- 13. When modifications are proposed to structural elements under the design and certification of a Specialty Engineer, written authorization by the Specialty Engineer must be obtained and submitted to the Engineer of Record for review, prior to performing the proposed modification.

1.	DESIGN STANDARDS:	The intended design standards and/or criteria are as follows:
	General	The 2008 Indiana Building Code
	Concrete	ACI318
	Masonry	ACI 530
	Steel	AISC Manual, Allowable Stress Design (ASD)
	Steel Joists/Girders	Steel Joist Institute
	Steel Deck	Steel Deck Institute
	AII ()	ACTA COLLEGE

- All referenced standards and codes, as well as ASTM numbers are for the latest editions of these publications, unless otherwise noted. 2. DEAD LOADS: Gravity Dead Loads used in the design of the structure are as computed for the materials of construction incorporated into the building, including but not limited to walls, floors, ceilings, stairways, fixed partitions, finishes, cladding and other similar architectural and structural items, as well as mechanical. electrical and plumbing equipment and fixtures, and material handling and fixed service equipment, including
- LIVE LOADS: Gravity Live Loads used in the design of the structure meet, or exceed the following table

OCCUPANCY OR USE:		ANCY OR USE:	Uniform (PSF):	Concentrated (LBS):
A.	. Assembly Areas & Theatres			
	1.	Fixed Seats	60	
	2.	Lobbies	100	
	3.	Movable Seats	100	
	4.	Stages & Platforms	125	
	5.	Projection & Control Rooms	50	
	6.	Catwalks	40	
S.	Schools			
	1.	Classrooms	40	1000
	2.	Offices & Administration	50	2000
	3.	First Floor Corridors	100	1000
	4.	Corridors Above 1st Floor	80	1000

- over an area 2.5 feet square.
- Note "a": For passenger cars accommodating not more than 9 passengers, 3000 pounds acting on an area of 4.5 inches square. Note "b": In addition to the vertical live loads, horizontal swaying forces parallel and normal to the length of the seats shall also be considered by the Specialty Engineer, where appropriate. Design in accordance with ICC "Standard on Bleachers, Folding and Telescopic Seating and Grandstands."
- Note "c": Other uniform loads in accordance with an approved method which contains provisions for truck loadings have also be considered where appropriate.

Note "d": The concentrated wheel load has been applied on an area of 20 square inches.

- 7. COLLATERAL LOAD: Unless otherwise noted, a minimum uniform collateral load of 10 PSF has been used to account for ductwork, ceilings, sprinklers, lighting, etc. The collateral load is in addition to the weight of mechanical units, larger piping (greater than 4" diameter) and suspended fixtures or equipment
- that have been specifically accounted for in the design. 8. COLLATERAL LOAD ABOVE CORRIDORS & MECHANICAL ROOMS: A minimum uniform collateral load of 20PSF has been used to account for large ductwork, sprinkler mains, concentrations of piping, and electrical distribution above corridors and mechanical rooms. The collateral load is in addition to the weight of mechanical units and larger piping (greater than 4" diameter) and suspended fixtures or equipment that have been specifically accounted for in the design.
- CONCENTRATED LOADS: A. All single panel points of the lower chord of exposed roof trusses or any point along the primary structural members supporting roofs over manufacturing, commercial storage and warehousing, and commercial garage floors shall be capable of carrying safely a suspended
- concentrated load of not less than 2000 lbs in addition to dead load. B. All single panel points of the lower chord of exposed roof trusses or any point along the primary structural members supporting roofs over all other occupancies shall be capable of carrying safely a suspended concentrated load of not less than 200 lbs. in addition to dead load, unless noted.
- 10. ROOF LIVE/SNOW LOADS: Gravity Live Loads used in the design of the roof structure meet or exceed the following table:

A.	Snow load			
	Ground Snow load, Pg	20 PSF		
	Flat Roof Snow Load, Pf	20 PSF		
	Snow Exposure Factor, Ce	1.0		
	Occupancy Category	Category III (IBC 2006, Table 1604.5)		
	Importance Factor, I	1.1		
	Thermal Factor, Ct	1.0		
B.	Minimum Roof Live Load	20 PSF		

- C. Overhang Eaves & Projections 1. Sloped roof snow loads calculated in accordance with Section 7.4, ASCE 7. 2. Unbalanced roof snow loads calculated in accordance with Section 7.6, ASCE 7. Specialty Engineers must consider unbalanced snow loads in the design of preengineered trusses, frames, skylights, curtain walls, cold-formed metal framing, canopies,
- 3. Drift loads calculated in accordance with Section 7.7, ASCE 7. Specialty Engineers must consider unbalanced snow loads in the design of pre-engineered trusses, frames, skylights, curtain walls, cold-formed metal framing, canopies, etc. 4. Roofs used for roof gardens or assembly purposes have been designed for a minimum

ASCE 7-05, Table 12.2-1, unless noted.

12. LATERAL LOADS: Lateral loads were computed using the following criteria: A Wind Load

A.	Willa Load	
	Basic Wind Speed	90 MPH
	Wind Exposure Factor	С
	Occupancy Category	Category III (IBC 2006, Table 1604.5)
	Importance Factor, lw	1.15
	Internal Pressure Coefficient, GCpi	+/- 0.18
	Components & Cladding	XXX
B.	Seismic Load	
	Seismic Design Category	С
	Site Classification	D
	Occupancy Category	Category III (IBC 2006, Table 1604.5)
	Importance Factor, le	1.25
	Spectral Response Coeff., Sds	0.226
	Spectral Response Coeff., Sd1	0.142
	Analysis Procedure	Equivalent Lateral Force
	Response Modification Coefficient, R	Use R=3 for "Structural Steel S Specifically Detailed for Seismi Resistance" in accordance with

FOUNDATIONS

- 1. Proofroll slab on grade areas with a medium-weight roller or other suitable equipment to check for pockets of soft material hidden beneath a thin crust of better soil. Any unsuitable materials thus exposed should be removed and replaced with compacted, engineered fill as outlined in the specifications. Proofrolling operations shall be monitored by the Testing Agency.
- 2. All engineered fill beneath slabs and over footings should be compacted to a dry density of at least 93% of the Modified Proctor maximum dry density (ASTM D-1557). All fill which shall be stressed by foundation loads shall be 95% (ASTM D-1557). Coordinate all fill and compaction operations with the Specifications and the Subsurface Investigation. 3. Compaction shall be accomplished by placing fill in approx. 8" lifts and mechanically compacting each lift to

at least the specified minimum dry density. For large areas of fill, field density tests shall be performed for

each 3,000 square feet of building area for each lift as necessary to insure adequate compaction is being 4. Column footings and wall footings bear on firm natural soils or well-compacted engineered fill with allowable bearing pressure of 2,000 psf for column footings and wall footings, as outlined in the

Subsurface Investigation.

- It is essential that the foundations be inspected to insure that all loose, soft or otherwise undesirable material (such as organics, existing fill, etc.) is removed and that the foundation will bear on satisfactory material. The Testing Agency shall inspect the subgrade and perform any necessary tests to insure that the actual bearing capacities meet or exceed the design capacities. The Testing Agency shall verify the bearing capacity at each spread column footing and every 10 feet on center for strip footings prior to placement of concrete.
- 5. Place footings the same day the excavation is performed. If this is not possible, the footings shall be adequately protected against any detrimental change in condition, such as from disturbance, rain and
- 6. It is the responsibility of the Contractor and each Sub-Contractor to verify the location of all utilities and services shown, or not shown, and establish safe working conditions before commencing work.
- 7. The Contractor shall layout the entire building and field verify all dimensions prior to excavation. 8. For information regarding subsurface conditions, refer to the Subsurface Investigation & Foundation
- Recommendation Report prepared by Professional Services Inc., PSI Project No. PSI-0016648-S, Dated

COORDINATION WITH OTHER TRADES

- The Contractor shall coordinate and check all dimensions relating to Architectural finishes, mechanica equipment and openings, elevator shafts and overrides, etc. and notify the Architect/Engineer of any discrepancies before proceeding with any work in the area under question.
- 2. The Structural Drawings shall be used in conjunction with the Drawings of all other disciplines and the Specifications. The Contractor shall verify the requirements of other trades as to sleeves, chases, hangers, inserts, anchors, holes, and other items to be placed or set in the Structural Work.
- 3. There shall be no vertical or horizontal sleeves set, or holes cut or drilled in any beam or column unless it is shown on the Structural Drawings or approved in writing by the Engineer of Record.
- 4. Mechanical and electrical openings through supported slabs and walls, 8" diameter, or larger not shown on the Structural Drawings must be approved by the Engineer of Record. Openings less than 8" in diameter shall have at least 1'-0" clear between openings, unless approved in writing by the Engineer of Record.
- 5. Verify locations and dimensions of mechanical and electrical openings through supported slabs and walls shown on the Structural Drawings with the Mechanical and Electrical Contractors. 6. Do not install conduit in supported slabs, slabs on grade, or concrete walls unless explicitly shown or noted
- on the Structural Drawings. 7. Do not suspend any items, such as ductwork, mechanical or electrical fixtures, ceilings, etc. from steel roof
- 8. The Mechanical Contractor shall notify the Engineer of Record of any Mechanical Unit supported by the structure not shown on the Structural Drawings, whose weight is greater than 500 lbs.
- 9. The Mechanical Contractor shall verify that mechanical units supported by the steel framing are capable of spanning the distance between the supporting members indicated on the Structural Drawings. The
- Mechanical Contractor shall supply additional support framing as required. 10. If drawi

vings and specifications are in conflict, the most stringent restrictions and requirements shall govern.	

- 1. Details of fabrication of reinforcement, handling and placing of the concrete, construction of forms and placement of reinforcement not otherwise covered by the Plans and Specifications, shall comply with the ACI Code requirements of the latest revised date.
- 2. Cold weather concreting shall be in accordance with ACI 306. 3. Hot weather concreting shall be in accordance with ACI 305.
- 4. Unless otherwise noted in the schedules or details, the minimum 28 day compressive strength of the concrete shall be 4000 p.s.i. for all parts of the structure except for column and wall footings which shall
- be 3,000 p.s.i. All concrete shall be regular weight concrete, unless otherwise noted. 5. A certified Testing Agency shall be retained to perform industry standard testing including measurement of slump, air temperature, concrete cylinder testing, etc. to ensure conformance with the Contract Documents. Submit reports to Architect/Engineer.
- 6. All concrete exposed to the weather shall be air-entrained. All other concrete may be air-entrained or non-air-entrained at the Contractor's option. For surface finishes and other requirements, refer to the
- 7. Finishing of Slabs: After screeding, bull floating and floating operations have been completed, apply final finish as indicated below, and as described in Specification Section 03300 of the Project Manual.
- Hard Trowel Finish Broom Finish B. Ramps, Stairs & Sidewalks C. Surfaces to Receive Topping Slab None - Float Finish
- beds or similar cementitious materials E. Driving Surfaces Rough Swirl Finish Sample Finishes: See Specifications for sample and mockup requirements, if any

D. Surfaces to receive thick set mortar

D. Surfaces exposed to public view

9. Floor Tolerances: See the Specifications for specified Ff and FI tolerances. Ff and FI testing shall be performed by the Testing Agency in accordance with ASTM E-1155. Results, including acceptance or rejection of the work will be provided to the Contractor and the Architect/Engineer within 48 hours after data collection. Remedies for out-of-tolerance work shall be in accordance with the Specifications. When approved by the Engineer of Record, measurement of the gaps beneath a 10-foot straight edge may be used in lieu of Ff and Fl testing. Approval must be obtained in writing prior to the beginning of

None - Float Finish

Smooth Form Finish

- 10. Finishing of Formed Surfaces: Finish formed surfaces as indicated below, and as described in Specification Section 03300 of the Project Manual.
- Rough Form Finish A. Sides of Footings & Pile Caps Rough Form Finish B. Sides of Grade Beams C. Surfaces NOT exposed to public view Rough Form Finish
- 11. The Contractor shall consult with the Engineer before starting concrete work to establish a satisfactory placing schedule and to determine the location of construction joints so as to minimize the effects of shrinkage in the floor system.
- 12. Sawn or tooled control/contraction joints shall be provided in all slabs on grade. For a framed structure, joints shall be located on all column lines. If the column spacing exceeds 20'-0", provide intermediate joints. Exterior slabs, and interior slabs without column shall have joints spaced a maximum of 15'-0' apart. Layout joints so that maximum aspect ratio (ratio of long side to short side) does not exceed 1.5.
- 13. See Architectural Drawings for exact locations and dimensions of recessed slabs, ramps, stairs, thickened slabs, etc. Slope slabs to drains where shown on the Architectural and Plumbing Drawings
- 14. Joints in slabs to receive a finished floor may remain unfilled, unless required by the finish flooring contractor. All exposed slabs shall be filled with sealant specified in Division 7, or as follows: All slabs in industrial, manufacturing, or warehouse applications subject to wheeled traffic shall be filled with specified epoxy resin sealant, all other joints shall be filled with specified elastometric sealant. Defer filling of joints as long as possible, preferably a minimum of 4 to 6 weeks after the slab has been cured. Prior to filling, remove all debris from the slab joints, the fill in accordance with the manufacturer's
- 15. See Architectural Drawings for locations and details of reveals (1" maximum depth) in exposed walls. 16. See Architectural Drawings for chamfer requirements for corners of concrete. Where not indicated. provide 3/4" chamfers on exposed corners of concrete, except those abutting masonry.
- 7. Sidewalks, drives, exterior retaining walls, and other site concrete are not indicated on the Structural Drawings. Refer to the Site/Civil and Architectural Drawings for locations, dimensions, elevations, jointing, and finish details.

CONCRETE REINFORCING

- 1. Reinforcement, other than cold drawn wire for spirals and welded wire fabric, shall have deformed surfaces in accordance with ASTM A305.
- Reinforcing steel shall conform to ASTM A615, Grade 60, unless noted. Welded wire fabric shall conform to ASTM A185, unless noted.
- 4. Where hooks are indicated, provide standard hooks per ACI and CRSI for all bars unless other hook dimensions are shown on the plans or details. 5. Reinforcement in footings, walls and beams shall be continuous. Lap bars a minimum of 36 diameters,
- 6. Reinforcement shall be supported and secured against displacement in accordance with the Concrete Reinforcing Steel Institute's "Manual of Standard Practice."
- Details of reinforcing steel fabrication and placement shall conform to ACI 315 "Details and Detailing of Concrete Reinforcement" and ACI 315R - "Manual of Engineering and Placing Drawings for Reinforced Concrete Structures," unless otherwise indicated.
- 8. Spread reinforcing steel around small openings and sleeves in slabs and walls, where possible, and where bar spacing will not exceed 1.5 times the normal spacing. Discontinue bars at all large openings where necessary, and provide an area or reinforcement, equal to the interrupted reinforcement, in full length bars, distributing one-half each side of the opening. Where shrinkage and temperature reinforcement is interrupted, add (2) #5 x opening dimensions +4'-0" on each side of the opening. Provide #5 x 4'-0" diagonal bars in both faces, at each corner of openings larger than 12" in any direction.
- 9. Provide standees for the support of top reinforcement for footings, pile caps, and mats. 10. Provide individual high chairs with support bars, as required for the support of top reinforcement for
- supported slabs. Do NOT provide standees. 11. Provide snap-on plastic space wheels to maintain required concrete cover for vertical wall reinforcement. 12. Where walls sit on column footings, provide dowels for the wall. Dowels shall be the same size and spacing as the vertical wall reinforcement, unless noted otherwise, with lab splices as shown on the application sections. Install dowels in the footing forms before concrete is placed. Do NOT stick
- dowels into footings after concrete is placed. Field bending of reinforcing steel is prohibited, unless noted on drawings.
- 14. Minimum concrete cover over main reinforcing steel shall be as follows: 3" at foundations, 2" at all dirt faces of walls and beams exposed to the weather, 1-1/2" at all pier and column ties, and 3/4" at other wall faces and in structural slabs unless shown or noted otherwise.

EXISTING CONSTRUCTION

- 1. The contractor shall field verify the dimensions, elevations, etc. necessary for the proper construction and alignment of the new portions of the work to the existing work. The Contractor shall make all necessary measurements for fabrication and erection of the structural members. Any discrepancy shall be immediately brought to the attention of the Engineer of Record.
- Before proceeding with any work within the existing facility, the Contractor shall familiarize himself with existing structural and other conditions. Any shoring shown or noted on the Plans is a partial and schematic representation of that required. It shall be the Contractor's responsibility to provide all necessary bracing, shoring, and other safeguards to maintain all parts of the work in a safe condition during the progress of demolition and construction, and to protect from damage those portions of the existing work which are to remain. Shoring shall remain in place until the structural work is complete, has been inspected by the Testing Agency, and is certified to be in substantial compliance with the Contract
- When required by the Specifications or by Plan Note, the Contractor shall submit for the Engineer of Record's review, a "Proposed Shoring Plan," including, but not limited to: plans, sections, details, notes, description of proposed sequence of work, and calculations prepared by, or under the supervision of a Professional Engineer (Specialty Engineer). The Specialty Engineer shall be registered in the State where the project is located.
- 4. Welding to and within an existing facility presents potential hazards including:
- B. Structural Liquefaction Due to welding across the full section of the structural members. Recommendations to prevent these hazards include:

A. Fire Hazard - Due to the existing construction and building contents.

- A. Fire Hazard Protect existing combustibles prior to welding. Keep a separate watchman and several fire extinguishers on hand.
- B. Structural Liquefaction weld in small increments. Allow welds to harden before continuing to the next
- C. Do not leave the site until satisfied that no fire hazard exists. D. Preference should be given to the use of beam clamps, mechanical fasteners, or bolted connections in lieu of welding within existing facilities, whenever possible. Do not field-drill existing structural members without the written permission of the Engineer of Record.

LINTEL SCHEDULE

Where lintels are not specifically shown or noted on the Structural or Architectural Drawings, provide the following lintels over all openings and recesses in both interior and exterior non-load-bearing walls.

Brick	Masonry Opening	Angle Size
	Up to 5'-0"	L4x4x5/16
	5'-1" to 7'-0"	L6x4x5/16
	Over 7'-0"	I 7x4x3/8

- All angles are LLV (long leg vertical) unless noted otherwise. Provide 1" bearing per foot of span each end,
- 2. Block: For openings up to 8'-0" long exposed in the finished room, use lintel block filled with grout.
- Grout all exposed joints and reinforce as follows: A. For 6" thick block: 1 - #5 bar. B. For 8" thick block: 2 - #5 bars.
- C. For 10" thick block: 2 #6 bars. D. For 12" thick block: 2 - #6 bars.
- 3. Block: For openings between 8'-1" and 12'-0" long exposed in the finished room, use lintel block filled with grout. Grout all exposed joints and reinforce per the "Long Masonry Lintel Detail" on the Typical
- Masonry Detail Drawing. 4. Block (stack bond openings over 4'-0"): See framing plans for steel beam lintels. Where not shown on plan,
- the criteria in the following table shall be used. Contact Engineer for lintels not shown on plan which do not meet this criteria. See architectural drawings for opening quantities, sizes, locations, heights of wall above,

Block Width	Lintel	Width of Opening	Max. Allowable Height of Block Above Lintel
6"	C8x11.5 w/ 3/8"x5" PL.	<= 8'-0" <= 12'-0"	30'-0" 8'-0"
8"	W8x13 w/ 3/8"x7" PL.	<= 8'-0" <= 12'-0"	30'-0" 8'-0"
10"	W8x13 w/ 3/8"x9" PL.	<= 8'-0" <= 12'-0"	25'-0" 8'-0"
12"	W8x28 w/ 3/8"x11" PL.	<= 8'-0" <= 12'-0"	60'-0" 18'-0"

POST-INSTALLED DOWELS & ANCHOR BOLTS/RODS

- 1. All reinforcing steel and threaded rod anchors to be installed in a 2-part chemical anchoring system shall be
- A. Drill holes larger than bar or rod to be embedded. Coordinate hole diameter with Manufacturer's recommendations
- B. Holes must be cleaned and prepared in accordance with Manufacturer's recommendations. C. When reinforcing steel is encountered during drilling for installation of anchors; stop drilling, use a sensor to locate the reinforcing in the surrounding area and install anchor(s) as close as possible to the original location. Contact the Engineer of Record for direction when the revised location is more than 2" from the original location, or when the original function of the anchorage is
- significantly altered. When in doubt, contact the Engineer of Record for direction.
- D. Drill the hole a minimum of 15 bar diameters or as shown on the plans. E. Use a 2-part adhesive anchoring system, Hilti HY-150, or approved equal.
- F. For anchorage into hollow substrate, use Hilti HY-20, or approved equal. G. Reinforcing steel dowels shall be ASTM A615, Grade 60, unless noted. H. Anchor rods shall be ISO 898 5.8 (Hilti HAS-E), unless noted. Provide finish as noted on the Drawings. If not noted, provide hot-dip galvanized finish for interior applications. Provide stainless
- When column anchor bolts have been omitted, or damaged by construction operations, the Contractor must obtain the written approval of the Engineer of Record prior to repair or replacement. A. As a precaution, the affected column must be guyed and braced after repair for the balance of the

steel finish for all exterior applications, unless noted.

- B. As an alternate to guying and bracing, the Contractor may at his option, employ a testing agency to perform a tensile pull test to confirm the strength for the repaired or replaced anchor bolt. The tensile proof load must exceed 1.33 x the design load of the original anchor without causing distress of the
- 3/4" diameter: 11.6 kips 7/8" diameter: 16.0 kips 1" diameter: 20.9 kips Note: Values listed above are for ASTM F-1554, Grade 36 material. When higher grade or strength materials are specified, refer to the AISC Manual of Steel Construction for minimum allowable loads to

anchor bolt or the surrounding concrete. Reference the following table for the minimum proof loads:

- be multiplied by 1.33. C. When affected anchor bolts are part of a fixed moment resisting column base, such as those in moment-resisting space frames, canopies, or fixed-base installations, the repaired anchor bolts must
- be proof-loaded, or the affected column footing and/or pier replaced in its entirety. D. When affected anchor bolts are 1-1/8" diameter or larger, the affected column footing and/or pier must be replaced in its entirety
- E. When affected anchor bolts are part of a braced frame the affected column footing and/or pier must be replaced in its entirety. F. Prior to erection, the controlling Contractor must provide written notification to the Steel Erector if there has been a repair, replacement or modification of the anchor bolts for that column.

REINFORCED MASONRY NOTES

- All construction of reinforced masonry walls to be in accordance with the Building Code Requirements
- For Concrete Masonry Structures (ACI 530) and commentary.
- A. f'm = 2,000 p.s.i.B. Maximum height of masonry lift: 5'-0"
- C. Maximum height of grout lift: 5'-0" D. See specifications for additional masonry wall information.
- 2. CONCRETE BLOCK: Minimum compressive test strength on the net cross-sectional area: 2,500 p.s.i.
- MORTAR: Type S required 4. GROUT: ASTM C476, 2,500 p.s.i. with a slump of 8" min. and 10" max. 5. REINFORCING: FY = 60,000 p.s.i. with a min. lap of 48 diameters.

STRUCTURAL STEEL NOTES

- Structural steel construction shall conform to the American Institute of Steel Construction 'Specification for Structural Steel Buildings, Allowable Stress Design and Plastic Design." All structural wide flange shapes shall be ASTM A-992, Fy=50 ksi.
- 4. All pipe shapes shall be ASTM A53, Type E, Grade B. 5. All square and rectangular shapes shall ASTM A500, Grade B.

painting requirements.

6. Details for design, fabrication and erection of all structural steel shall be in accordance with the latest AISC Standards, unless otherwise noted or specified. Provide temporary erection guying and bracing as required. 8. Unless otherwise shown or noted on the Plans, provide 8" bearing each end for all loose lintels and

3. All plates, channels, bars, angles, and rods shall be ASTM A36, unless noted otherwise.

9. For loose lintels, masonry shelf angles and other such items generally not shown on the Structural Plans, see the Architectural Plans. See general notes on lintels this sheet for sizes, reinforcing, etc.

10. Steel columns below grade shall be encased in a minimum of 4" concrete or painted with 2 coats

- asphaltum, unless otherwise shown. 11. Fabricate simple span beams not specifically noted to receive camber so that after erection, any minor camber due to rolling or shop assembly be upward. 12. Reference Specification Section 051200 - Structural Steel of the Project Manual for structural steel shop
- 13. The Erector shall shim between parallel roof beams and joists with differential mill and induced cambers for level deck bearing. 14. Provide cap plates/end plates to close off exposed, open ends of all tubular members, unless noted.

TEMP. DEWATERING SYSTEM CONTRACTOR **DESIGNED**

- The dewatering system consists of the design, installation, testing, operation, monitoring, maintenance, and removal of a temporary site dewatering system. This system shall be of sufficient scope, size, and capacity to control ground water flow into excavations and to permit construction to proceed on dry, stable subgrade. Moreover, the Contractor shall be suitable precautionary measures to prevent damage to the surrounding structures and to work with the Retention System Contractor to prevent hydrostatic pressure from developing in the earth retention system. The system will likely consist of a series of well points. vacuum headers, drains and sumps in accordance with the requirements of the Specifications and the Dewatering System Contractor's design.
- 2. The Contractor's design shall be based on the follow information furnished by the Owner, or his designated representative:
- New and existing utility locations.

STEEL CONNECTION NOTES

1. Typical beam-to-beam and beam-to-column connections shall be bearing type using A325-N bolts,

be bolted unless otherwise shown on the Structural Drawings.

connections utilizing load-indicating washers, or twist-off bolts.

8. Backup bars required for welded connections shall be continuous.

11. Minimum thickness of all connection material to be 5/16" unless noted.

2. Shop connections unless otherwise shown, may be either bolted or welded. All field connections shall

Connections shall be designed by the Steel Fabricator to support the reactions shown on the framing

"Manual of Steel Connection." Simple span connections shall be designed for one-half the load

capacity as given in the AISC "Uniform Load Constants for Beams Laterally Supported" tables.

All beam-to-beam connections shall be at the column centerline, unless noted otherwise. Shear tab

Typical beam-to-beam, and beam-to-column field-bolted connections may be tightened to the snug-tight

condition, unless otherwise shown or noted. Bolted connections in moment frames, bracing

holes in structural steel shall not be allowed without approval of the Architect/Engineer.

10. Permanent machine bolts, using an approved type of self-anchoring hex nut, may be used for minor

12. Grout beneath base plates and under preset bearing plates shall be non-shrink, non-metallic grout

(8,000 psi, minimum). Provide double nuts for adjustment of column base plates, unless noted

13. Continuous bent plate and angle closures, clip angles, etc. around perimeter of the floor and roof, as

well as around openings shall be welded with a minimum 1/4" fillet weld, 3" at 12" o.c., top & bottom,

unless noted otherwise. For continuous perimeter angles and bent plates perpendicular to, and

angle and bent plate closures may be shop-applied when requested and approved by Engineer of

14. Where steel beams are called to have wood nailers supporting wood floor or roof framing, provide 1/2"

15. A qualified independent Testing Agency shall be retained to perform testing of field welds as follows:

D. All testing shall be done in accordance with the latest A.W.S. and AISC standards.

diameter A307 machine bolts spaced at 24" on center and staggered each side of the beam web, unless

STEEL DECK NOTES

SPECIFICATIONS AND COMMENTARY" and "CODE OF RECOMMENDED STANDARD PRACTICE,"

Provide members for deck support at all deck span changes. Provide L3x3x3/16 deck support at all

4. All welding of steel deck shall be in conformance with AWS Specification D1.3. Provide welding washers

5. Mechanical fasteners may be used in lieu of welding, providing fasteners meet, or exceed the strength of

7. Do not suspend any items, such as ductwork, mechanical or electrical fixtures, ceilings, etc. from steel roof

Substitution of fiber secondary reinforcement for welded wire fabric on supported slabs is prohibited.

8. Roof deck sidelaps shall be attached at ends of cantilevers and at a maximum spacing 12" o.c. from cantilevered roof deck ends. The roof deck must be completely fastened to the supports and at the

Submit shop drawings for review of general conformance to design concept in accordance with

Specifications in the Project Manual. Erection drawings shall show type of deck, shop finish,

10. Installation holes shall be sealed with a closure plate 2 gauges thicker than deck and mechanically

fastened to deck. Steel deck holes visible from below will be rejected. Deck units that are bent, warped, or damaged in any way which would impair the strength and appearance of the deck shall be

Where gauge metal pourstops are indicated, supply pourstops designed to meet, or exceed the gauges listed in the SDI Pourstop Selection Table (min. 18 ga.) as required for slab depth, concrete

STEEL JOIST NOTES

12. The Erector shall shim between parallel roof beams and joists with differential mill and induced

1. All steel joists shall be designed, fabricated and erected in accordance with SJI Standard

joists. Construction loading shall not exceed the joist design load.

2. Joist bridging shown is schematically indicated. Provide all bridging necessary to conform to SJI

3. The ends of all bridging lines terminating at walls or beams shall be anchored to the wall or beam.

4. Joist bridging and connections shall be completely installed prior to placing any construction loads on the

5. All roof joists shall be capable of resisting the net uplift as noted on the Structural Drawings (min. 15 psf

net). Provide an additional row of continuous horizontal bottom chord bridging at the first panel point

Special joists shall be designed for the load designations specified on the Structural Drawings. Designs

shall properly account for the distribution of concentrated loads, live loads and for the effect of openings.

Joists shall meet the following deflection criteria per SJI. Maximum live load deflection shall not exceed:

L/240 for roofs and L/360 for floors, where L denotes the span length, center to center of bearing.

purposes prior to fabrication. These calculations shall bear the seal and signature of a Professional

8. The Joist Manufacturer shall submit calculations for all special joists to Engineer of Record for record

9. Joists on column centerlines shall have extended bottom chord connections for erection stability, unless

otherwise noted. Do not connect bottom chord extensions, unless otherwise noted or shown.

10. Joists on, or near column centerlines shall have field-bolted connections for erection stability, unless

connections to support columns, beams, bearing seats, etc. prior to submittal of shop drawings.

13. The Joist Manufacturer shall furnish evidence that the joist meets or exceeds the specified minimum

15. All items suspended from joists such as catwalks, basketball goals, operable partitions, etc. should be

16. All joists shall be shop primed in accordance with SJI requirements, unless note otherwise. Color to

column until all dead loads have been placed. All field-bolted and field-welded connections in moment-

moment of inertia (Ix) listed on the Plans. Where a minimum Ix value is not specified, the Ix value can

11. The Joist Manufacturer shall coordinate with the Structural Steel Fabricator for the design of all

12. Where a joist is part of a moment-resisting frame, delay the connection of the bottom chord to the

resisting frames shall be inspected per AWS and AISC requirements.

be that required to meet the specified loading and deflection criteria.

match structural steel primer, unless approved in writing.

17. Provide sloped bearing ends where joist slope exceeds 1/4" per foot.

14. All steel joists shall be furnished with standard SJI camber, unless noted otherwise.

installed after all dead loads of roofing, flooring, ceilings, etc. are installed.

18. Do not field cut or alter joists without the written approval of the Joist Manufacturer.

accessories, method of attachment, edge details, deck openings and reinforcement, and sequence of

1. All steel deck material, fabrication and installation shall conform to the Steel Deck Institute "SDI

All deck shall be provided in a minimum of 3-span lengths where possible.

specified welds. Submit fastener design data to the Engineer of Record for review.

for all floor decks less than 22 gauge in thickness.

sidelaps before any load is applied to the cantilever.

weight, and cantilever distance, unless noted otherwise.

cambers for level deck bearing.

location at each end of all roof joists.

Designs are to meet the requirements of SJI.

Engineer registered in the State of Indiana.

connected to the top chords of joists, provide a minimum 3" of 1/4" weld at each joist. Continuous

connections, and those designated F.T. (fully-tensioned) on the Plans shall be fully-tensioned

7. All welding shall be in conformance with AWS D1.1, using E70XX electrodes, unless shown or noted

9. Holes in steel shall be drilled or punched. All slotted holes shall be provided with smooth edges. Burning of

4. All beam-to-beam connections shall be double angle, unless shown or noted otherwise.

plan. Connections not shown shall be designed by the Steel Fabricator in accordance with the AISC

unless noted otherwise.

connections to tubes are permitted.

connections as closures, etc.

A. All field welds shall be visually inspected.

C. 10% of bolted bearing type connections.

columns where required.

B. 100% of all moment and bracing connections shall be inspected.

- B. Location of Right-of-Way and easements. C. Owner's standard and/or special requirements for the project.
- D. Soil borings and lab test data that describe the ground and water conditions at the location of the tieback wall. This Report is for informational purposes only and should not be considered part of the Contract Documents. The opinions expressed represent the Geotechnical Engineer's interpretation of the subsurface conditions, tests, and the results of analyses conducted. Should

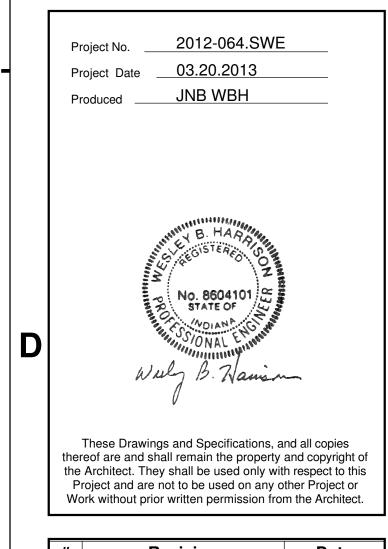
the data in this Report not be adequate for the Contractor's purposes, the Contractor may make,

- before bidding, independent exploration, test and analyses. The Contractor shall prepare and submit shop drawings for the dewatering system that show arrangement, locations, and details of wells, well points, headers, sumps, and discharge lines. Moreover, it shall include flow calculations, and means of discharge and disposal of water. These drawings, showing all of the above information, shall be prepared by a Professional Engineer registered in the State of Indiana who meets the qualifications described in the Specifications, and shall bear his seal and signature.
- The Contractor shall furnish a system management plan with at least three emergency contacts. The Engineer of Record's review will be made to verify that the Contractor is qualified to perform the work in accordance with the Specifications and that the Contractor has addressed the scope of the work described above.

SCHMIDT Engineering

Interior Design

Landscape Architecture



Revision Date

619 W. SMITH VALLEY ROAD GREENWOOD, IN

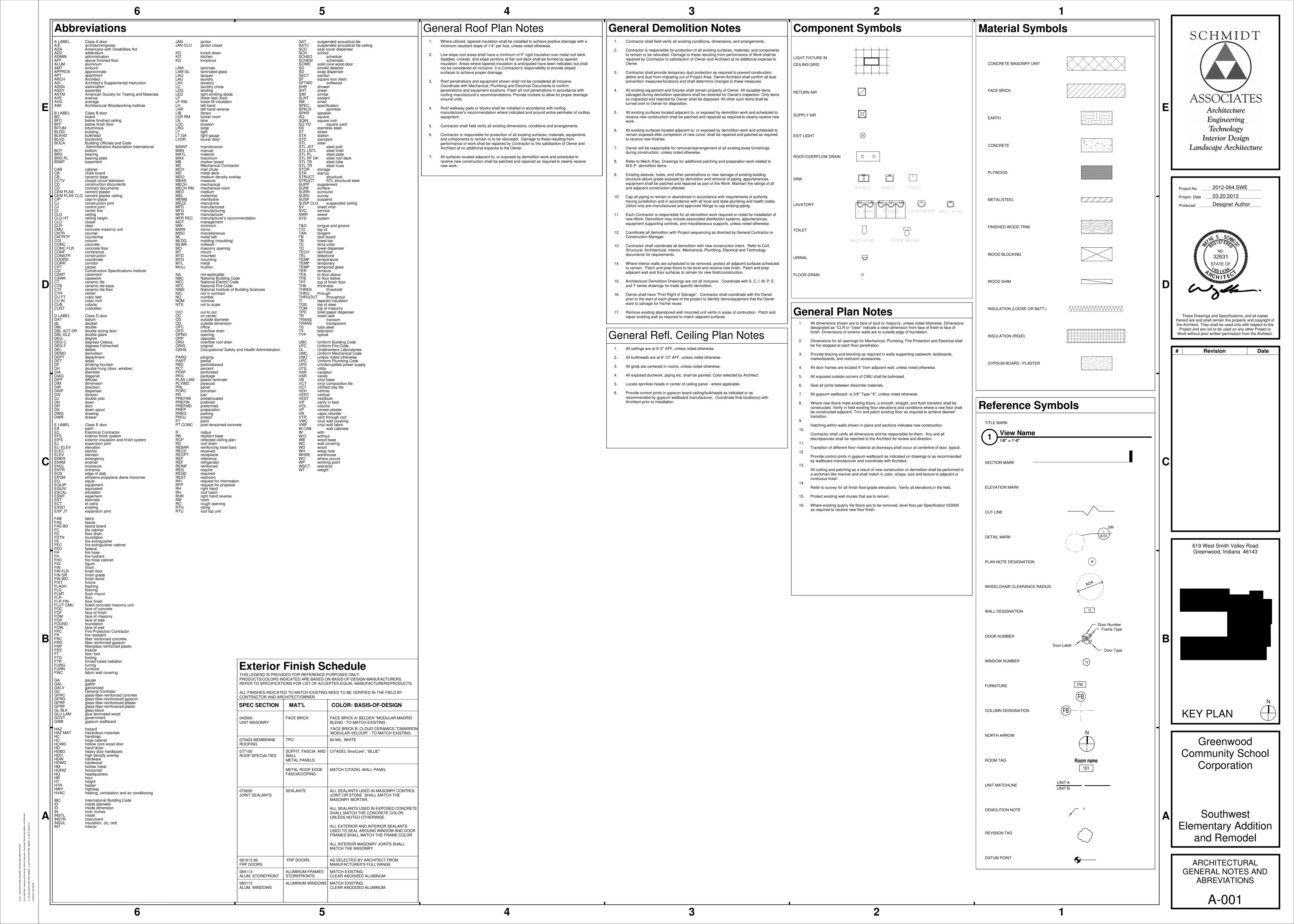
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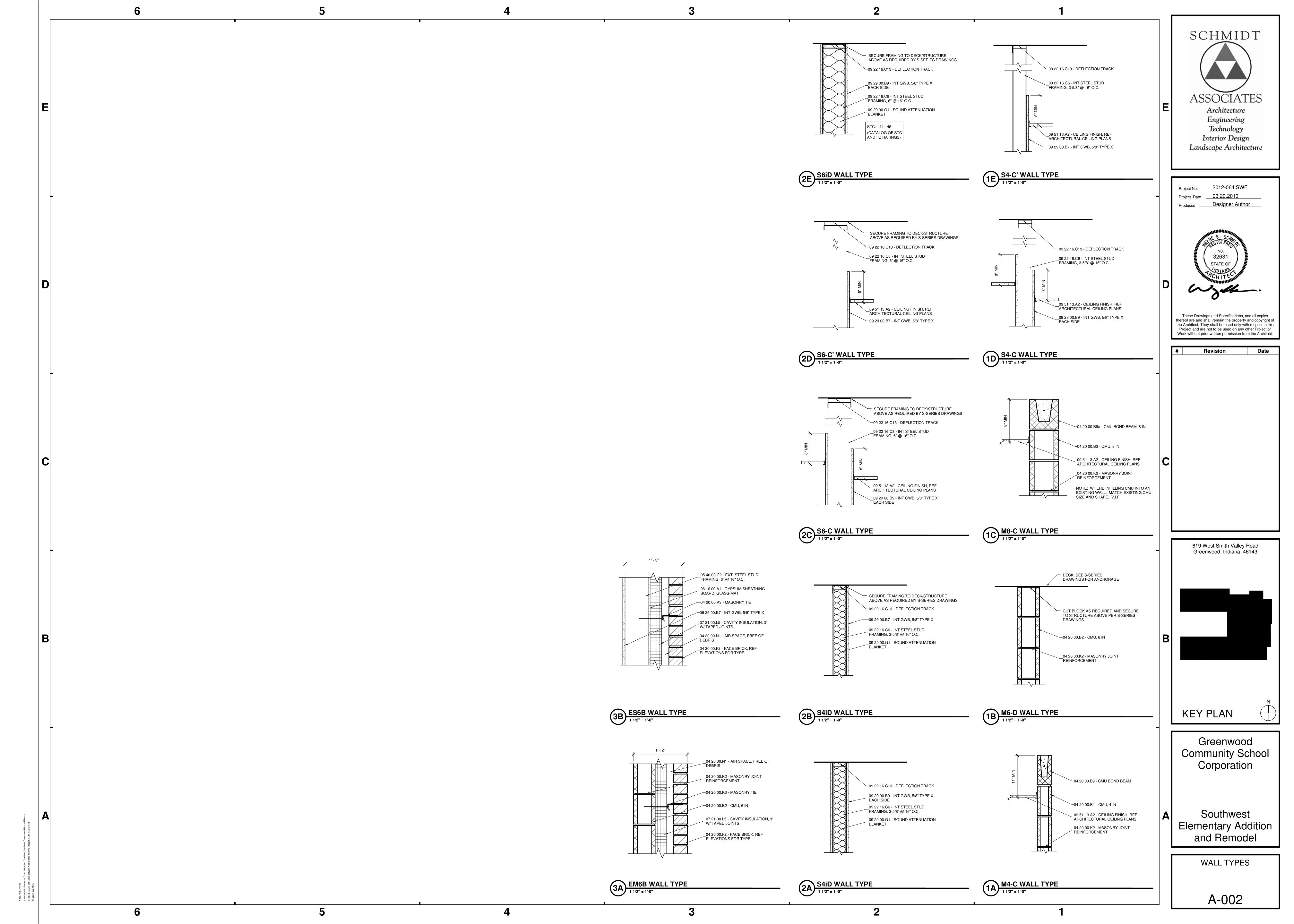
Corporation

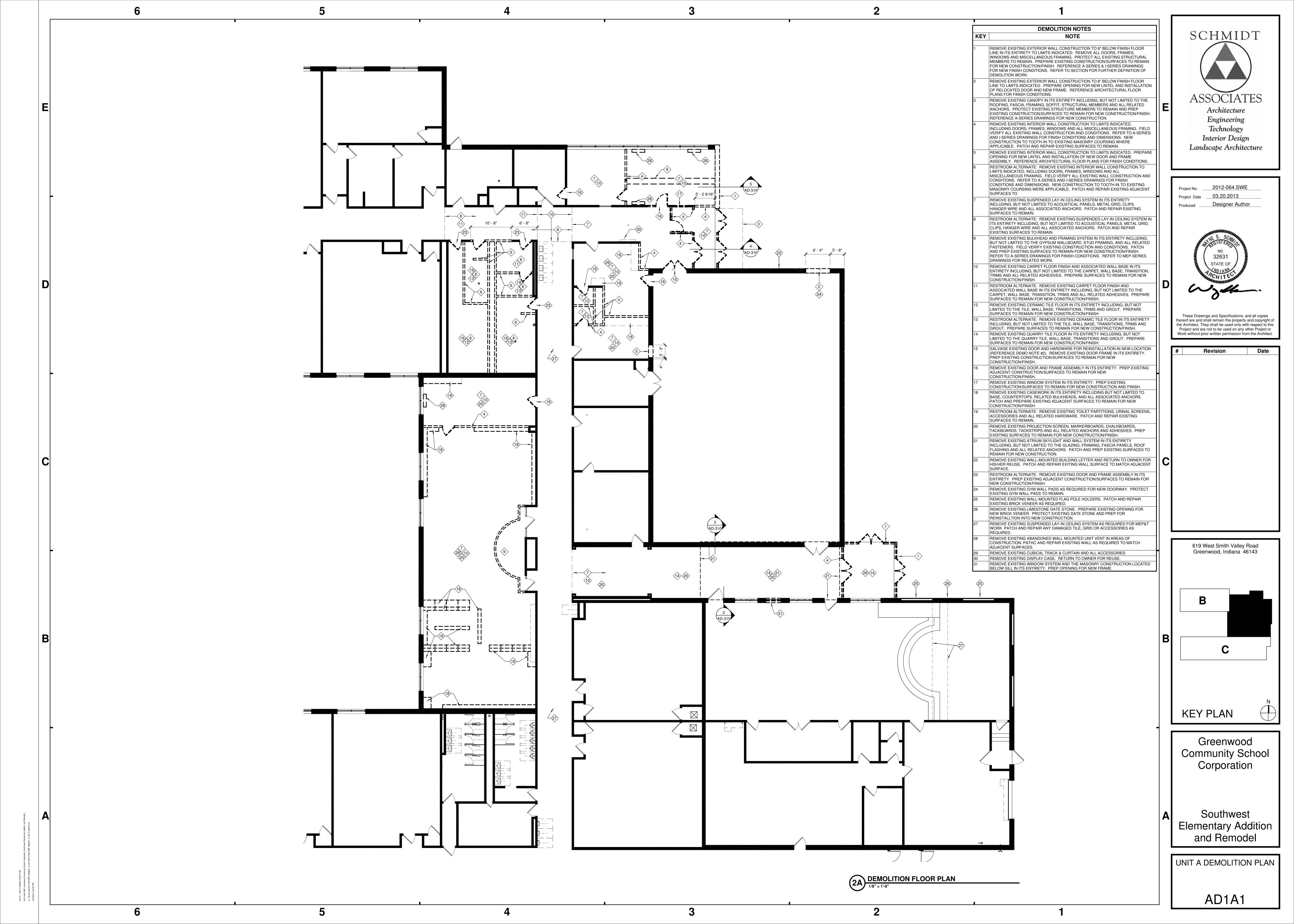
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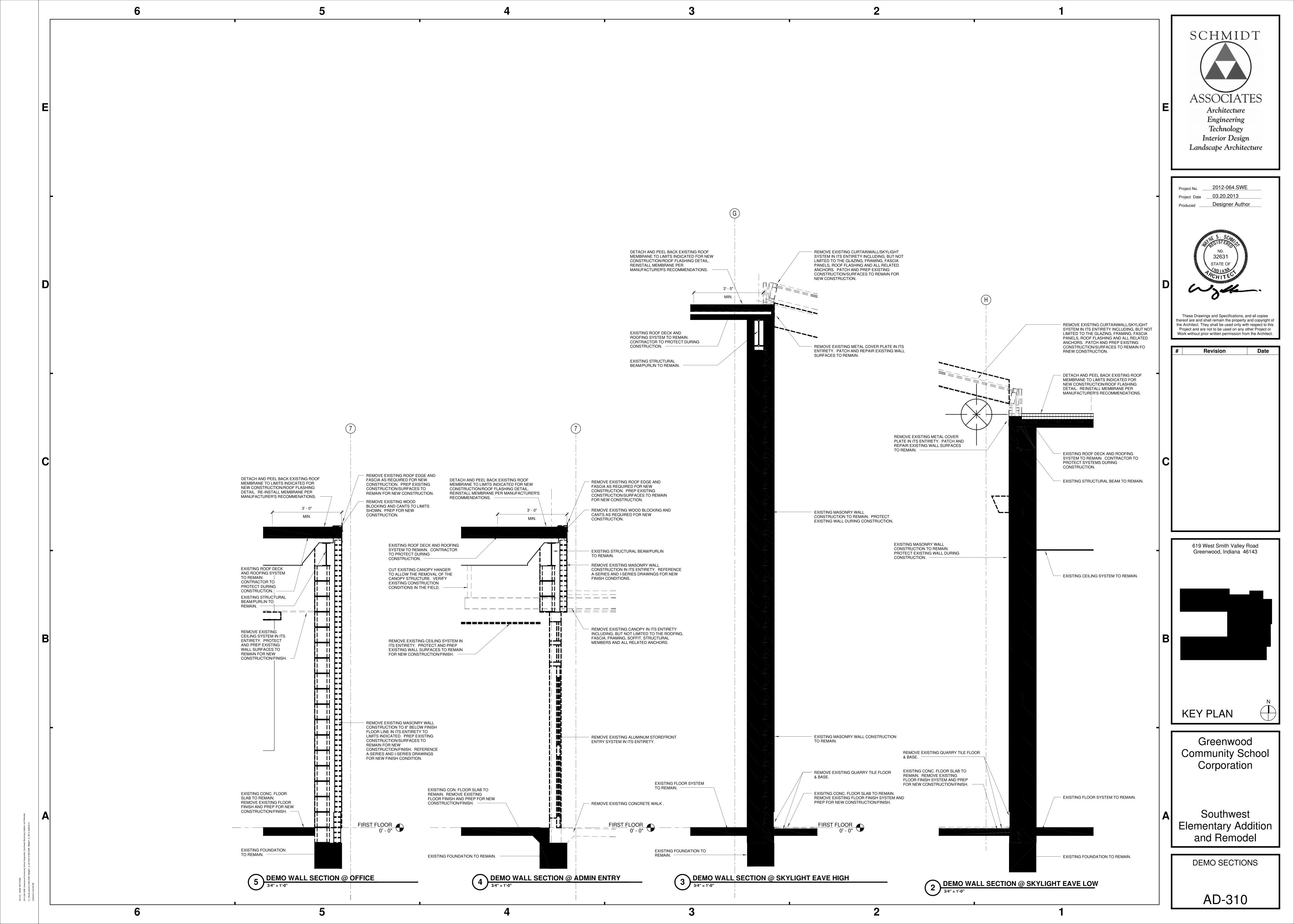
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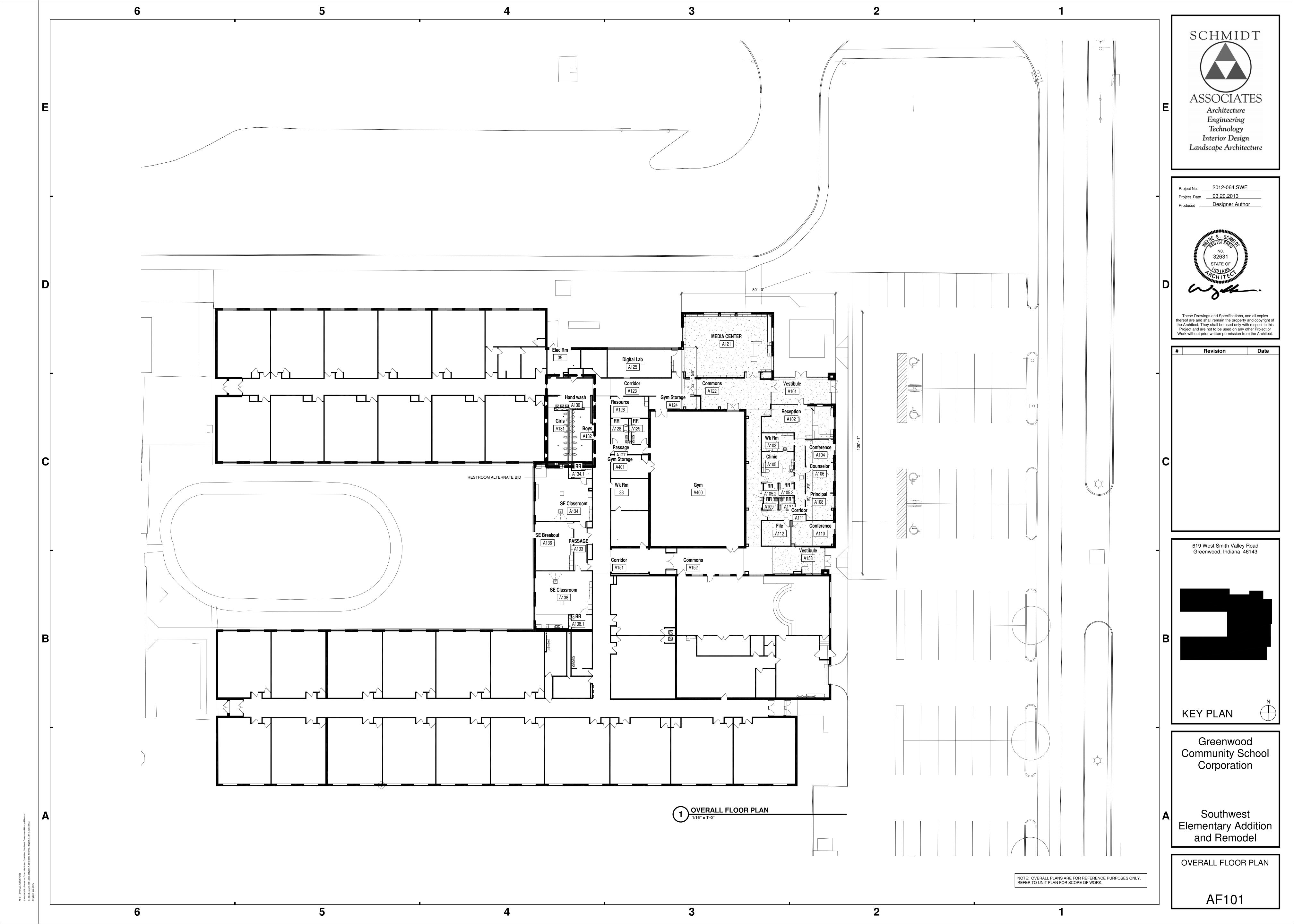
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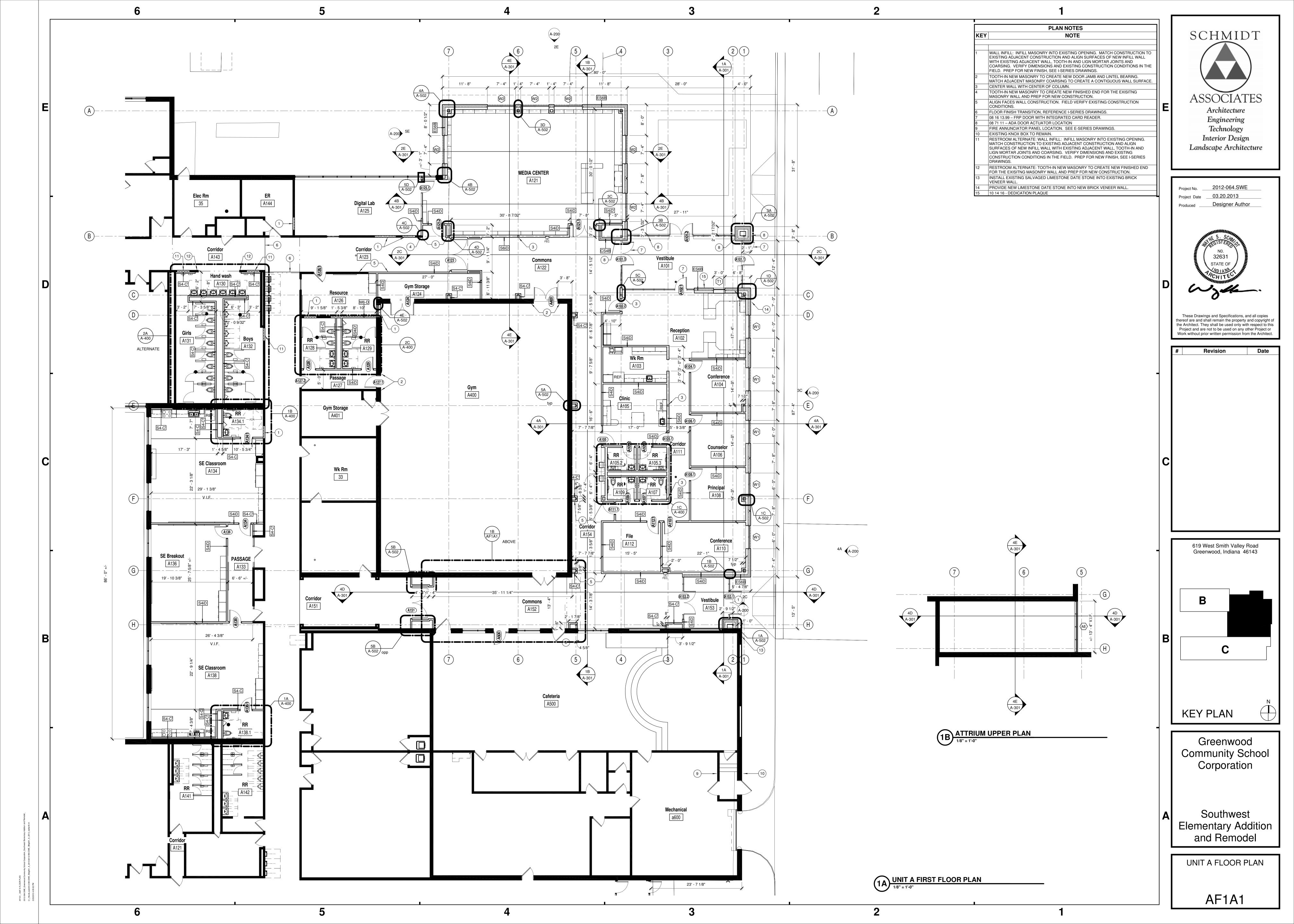


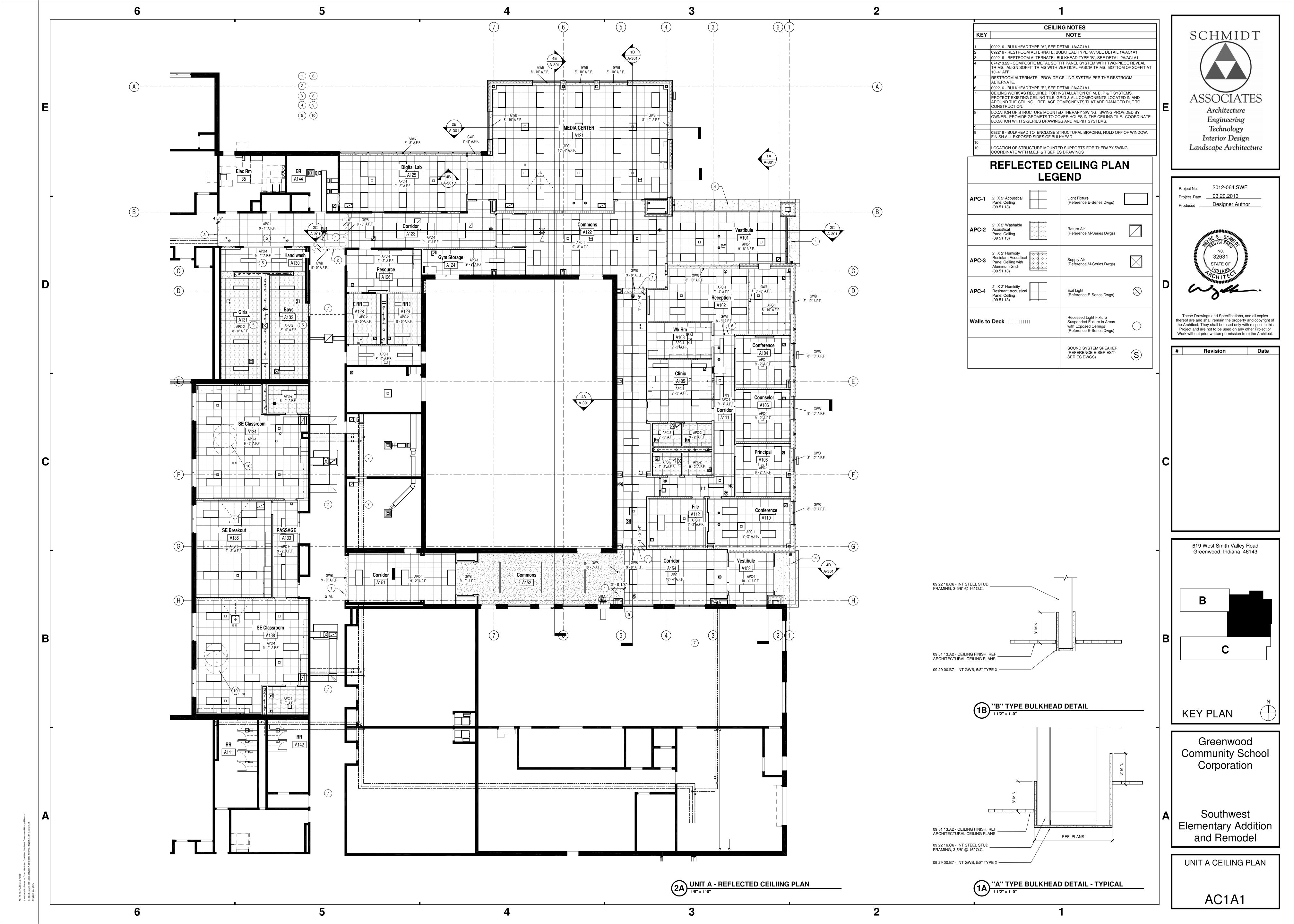


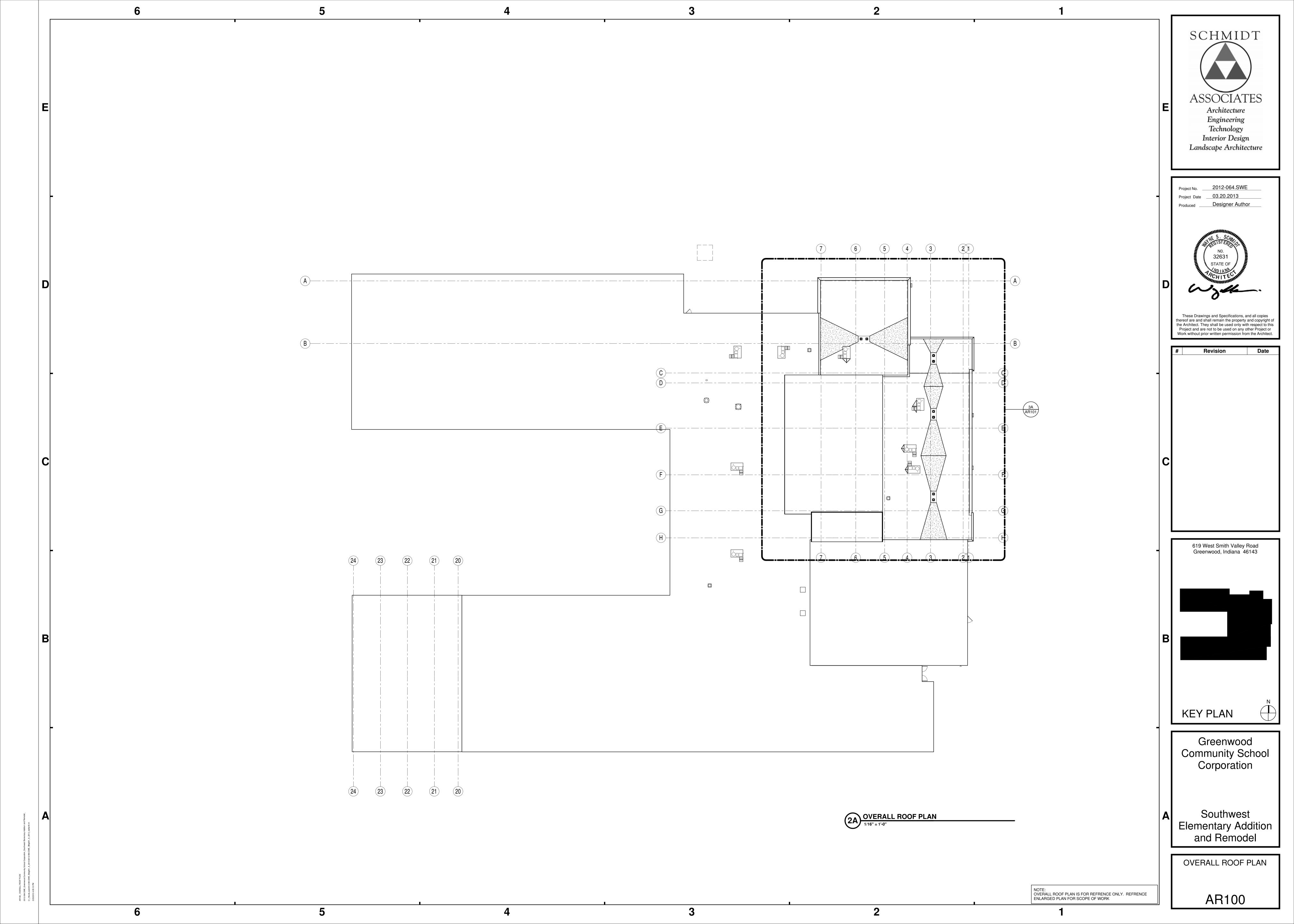


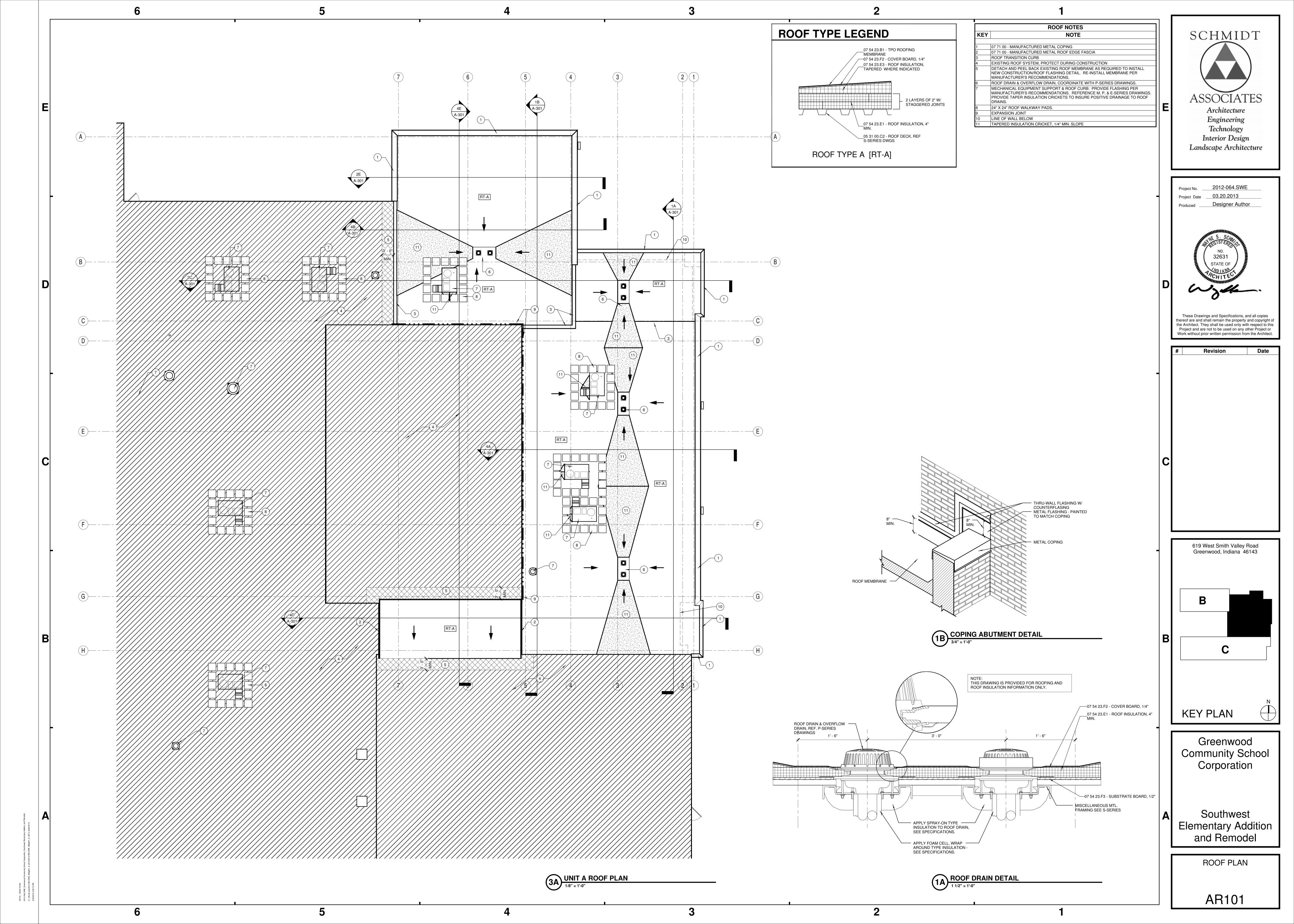


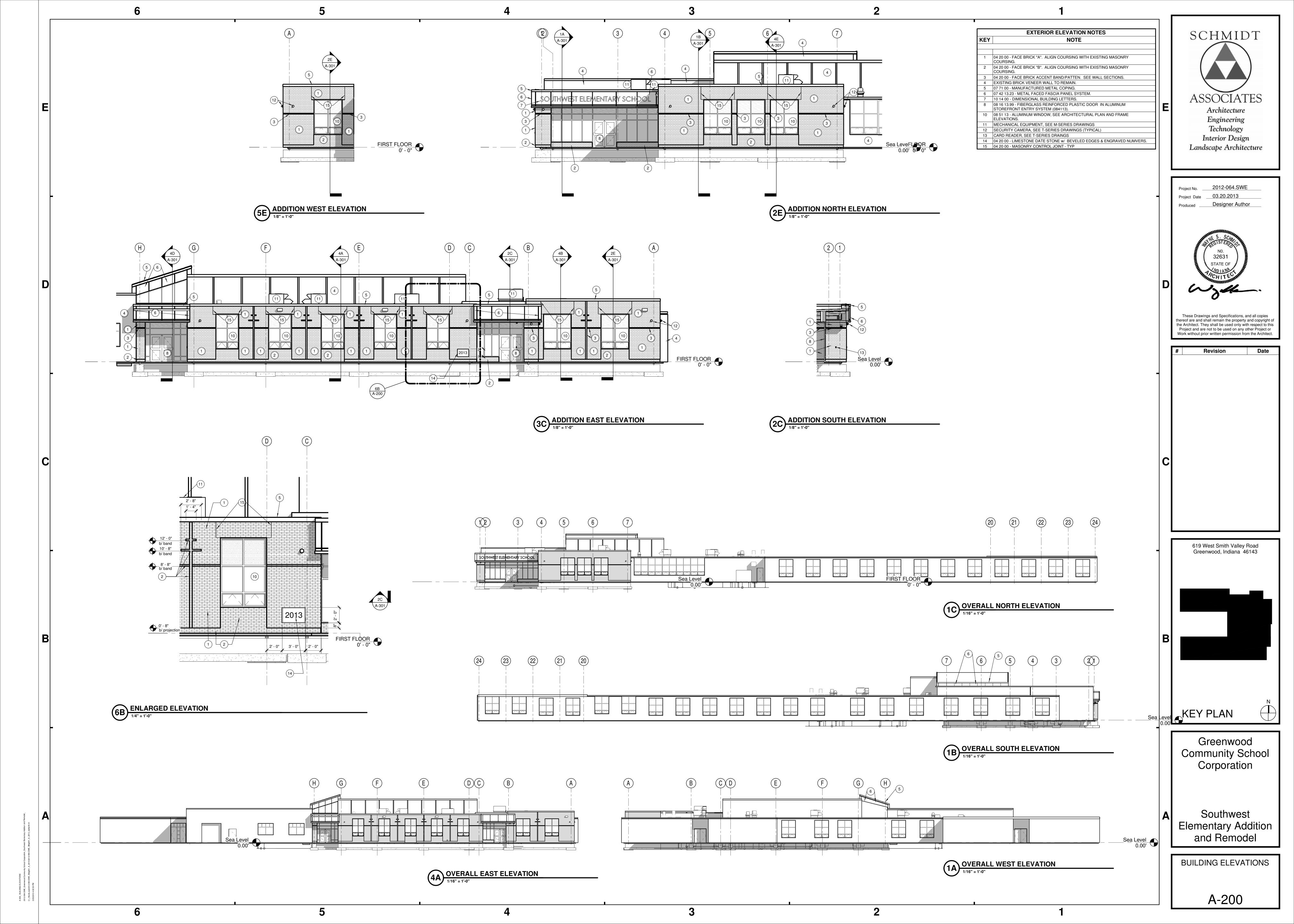


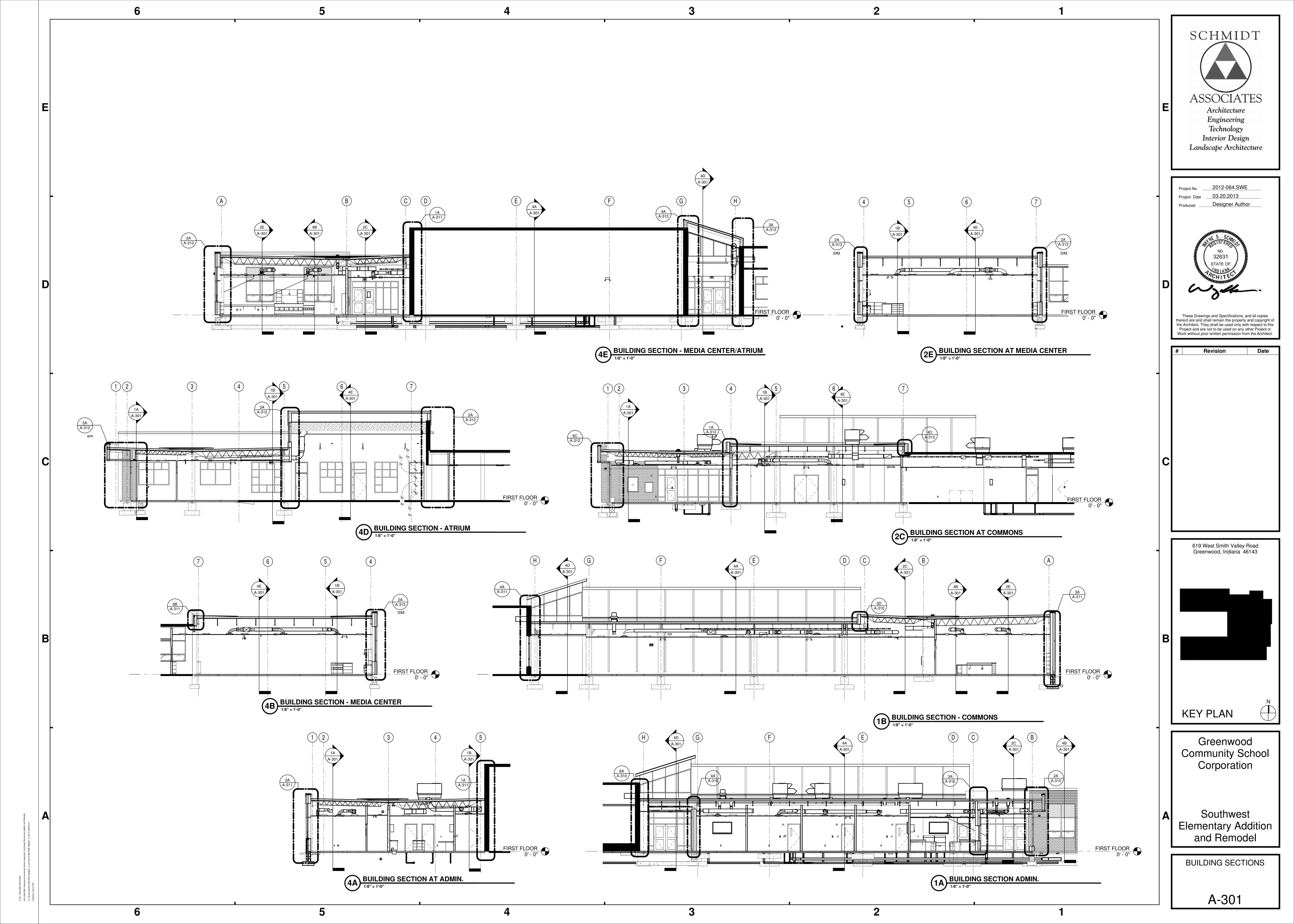


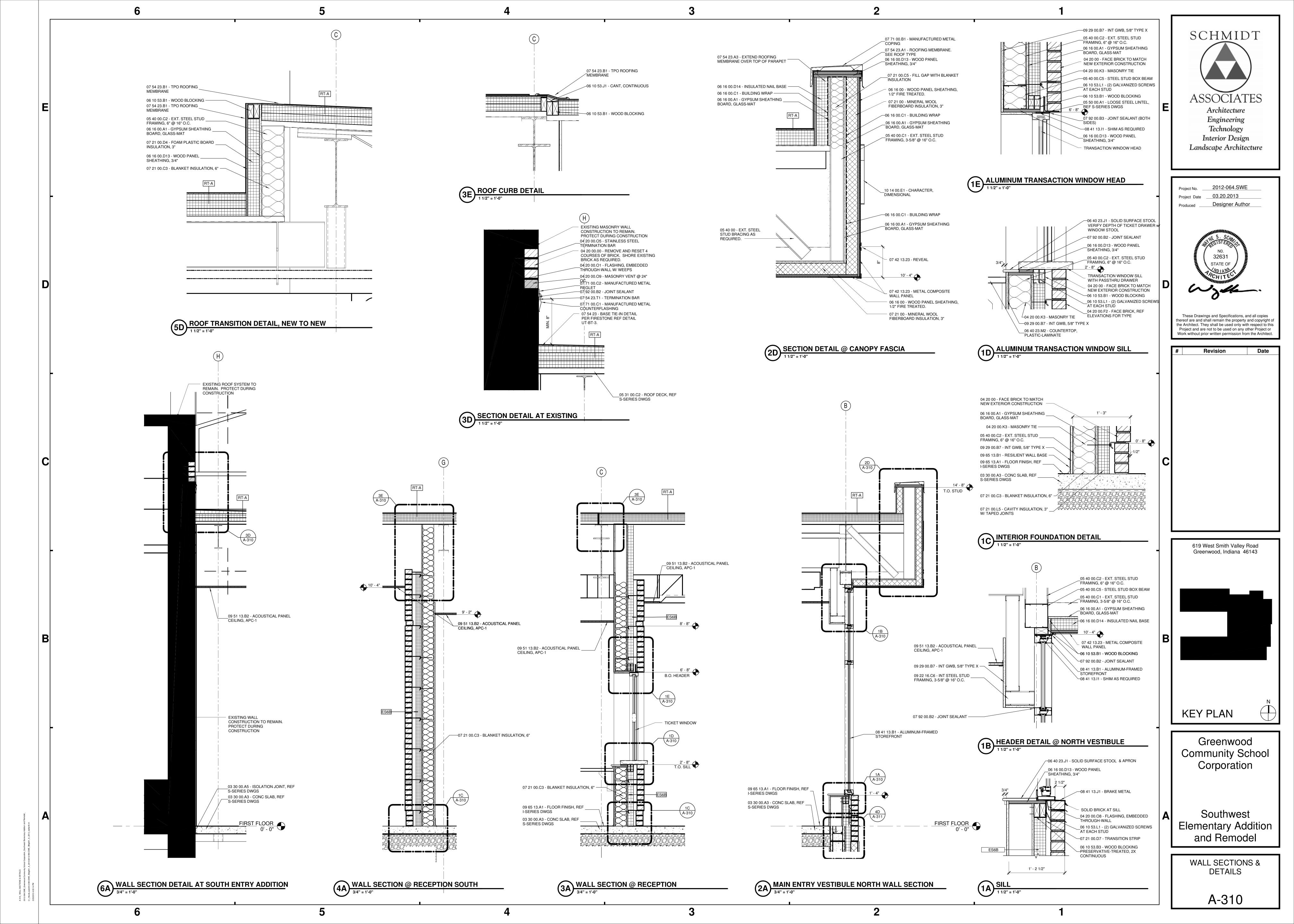


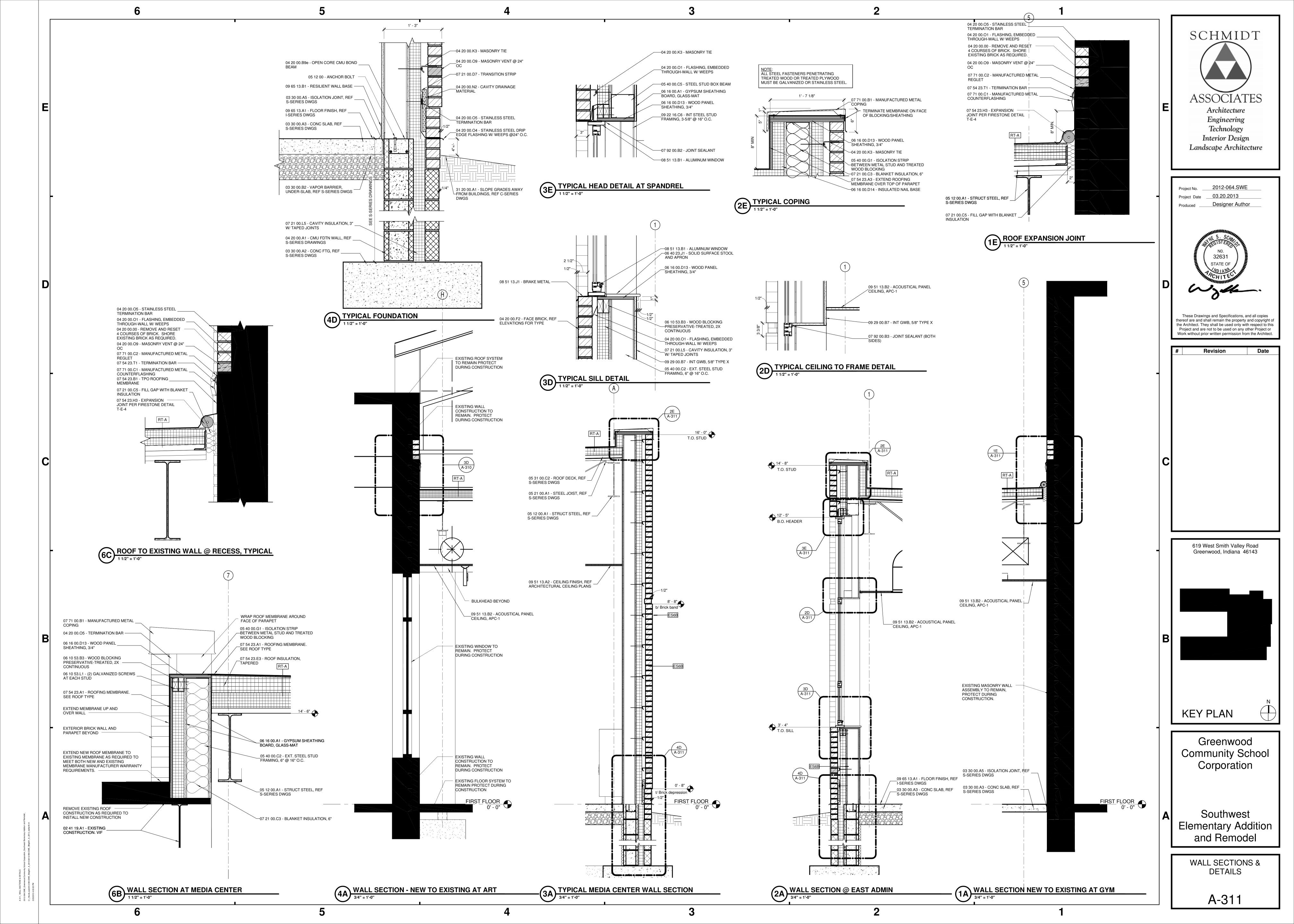


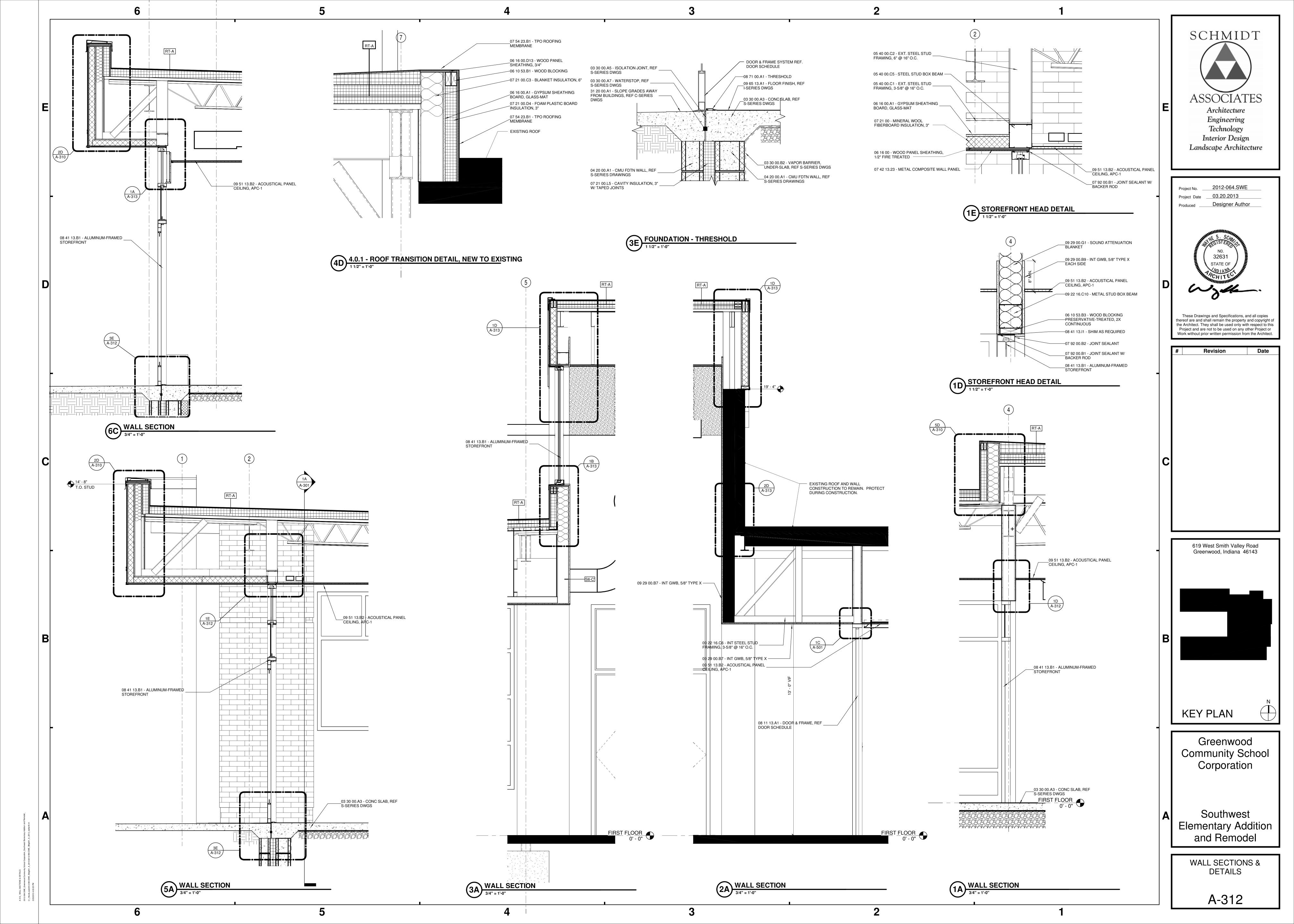


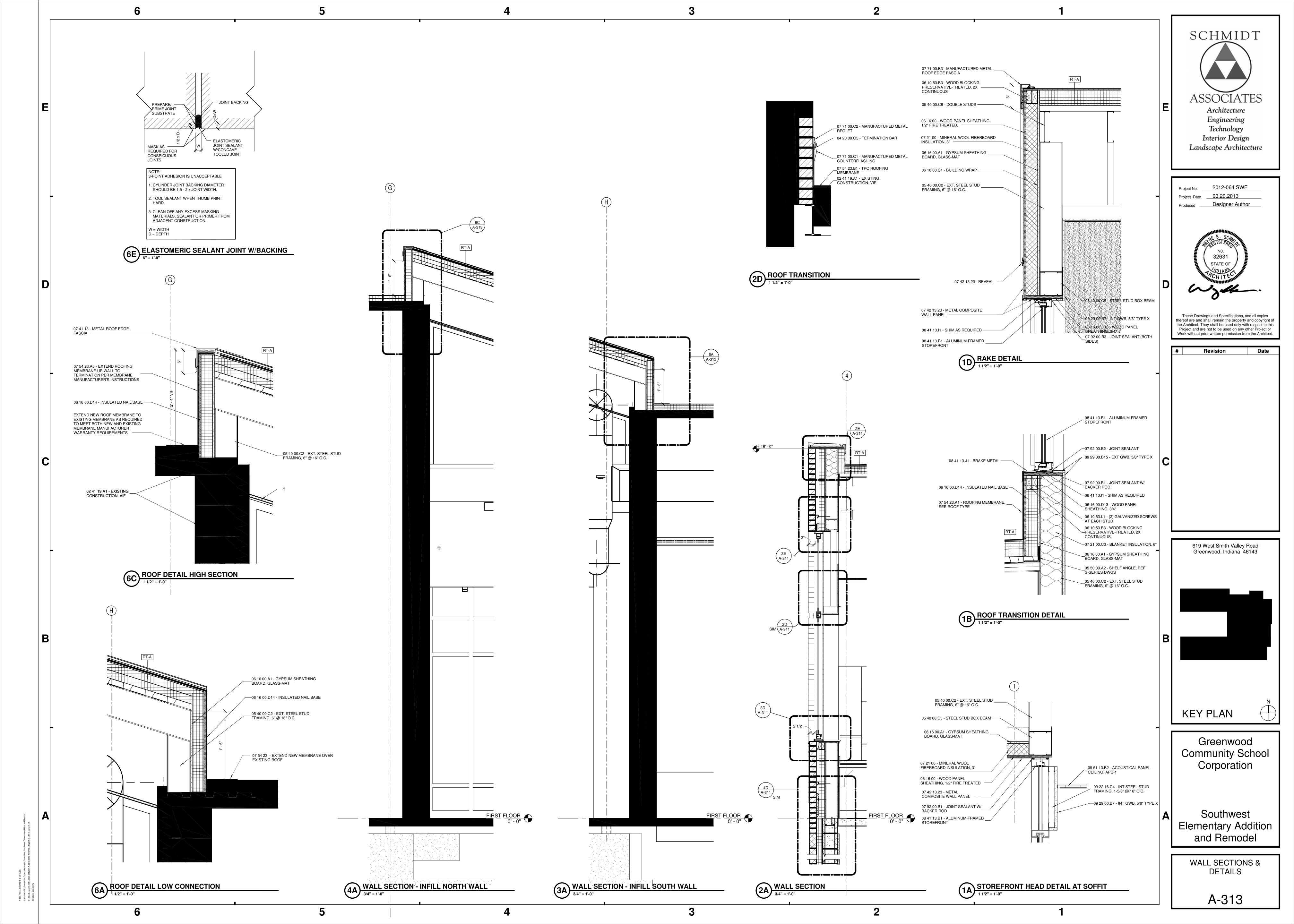


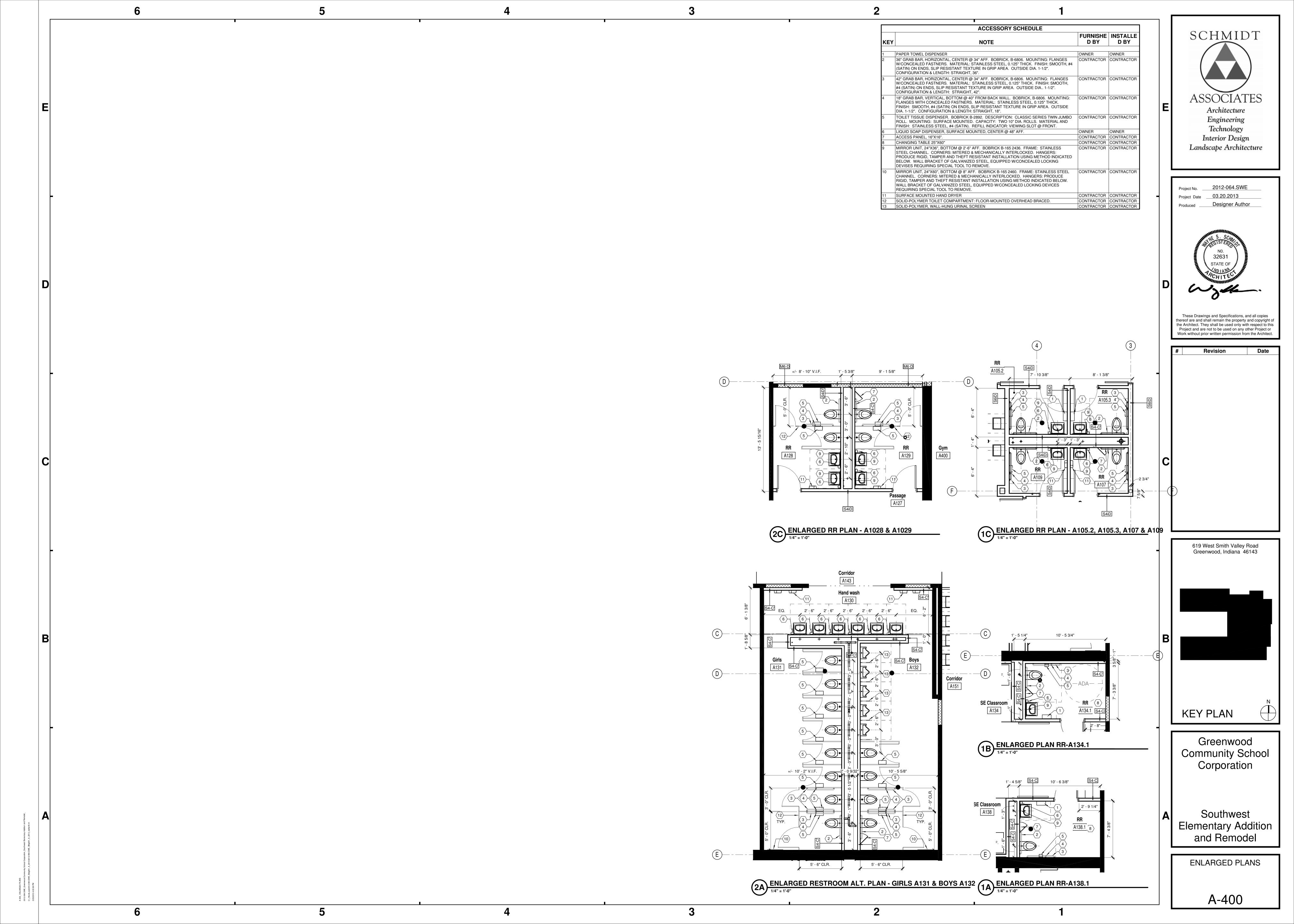


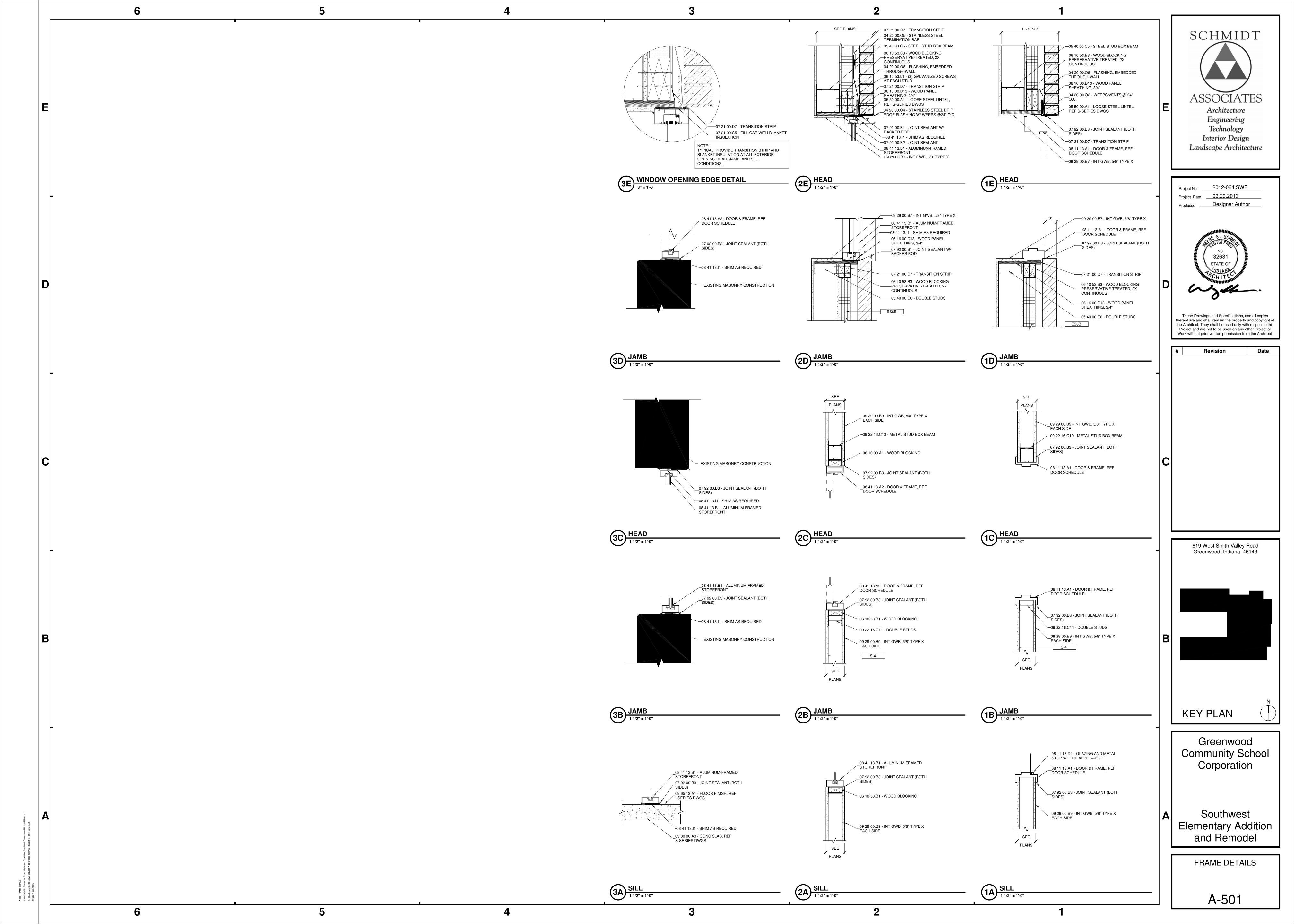


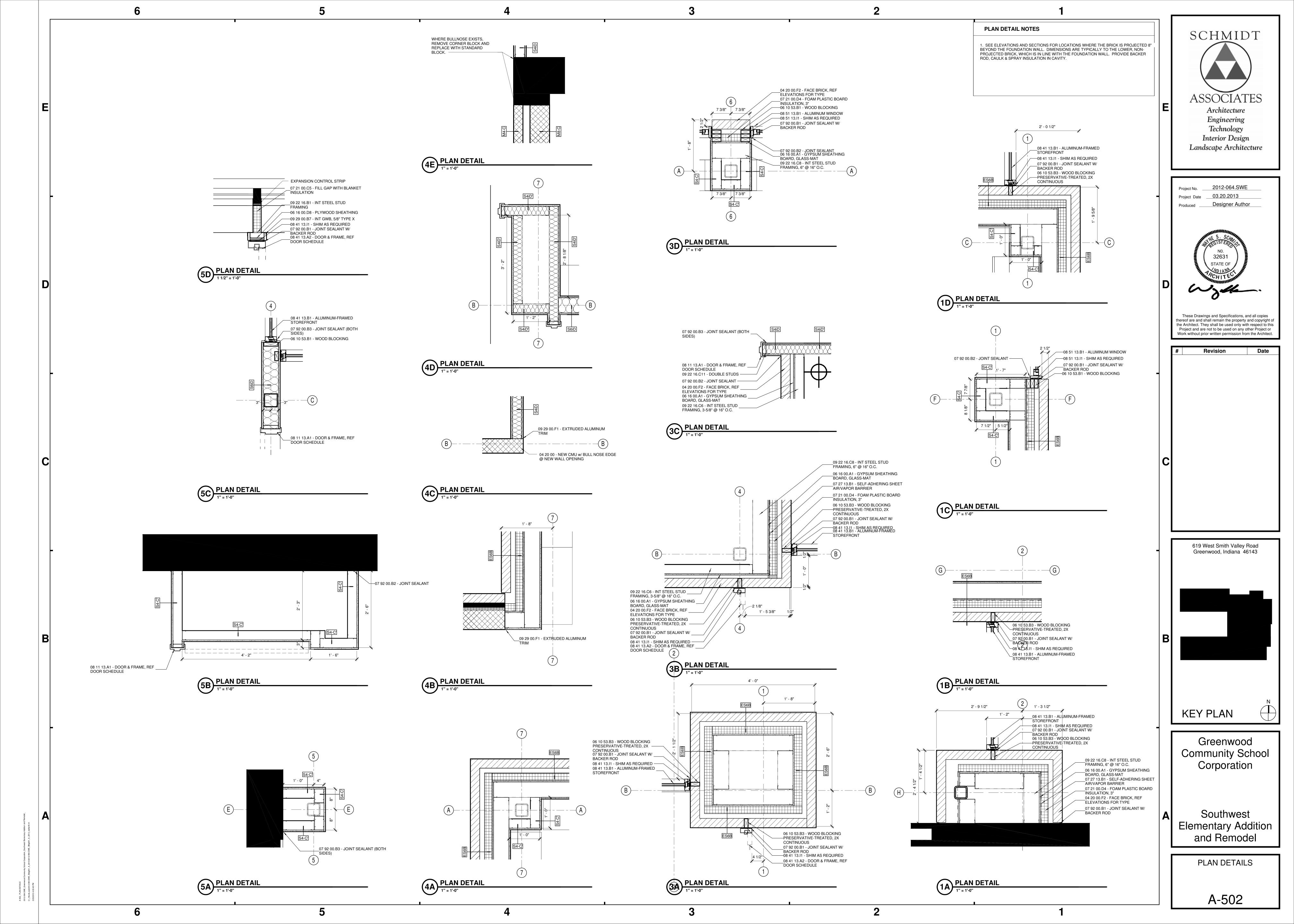


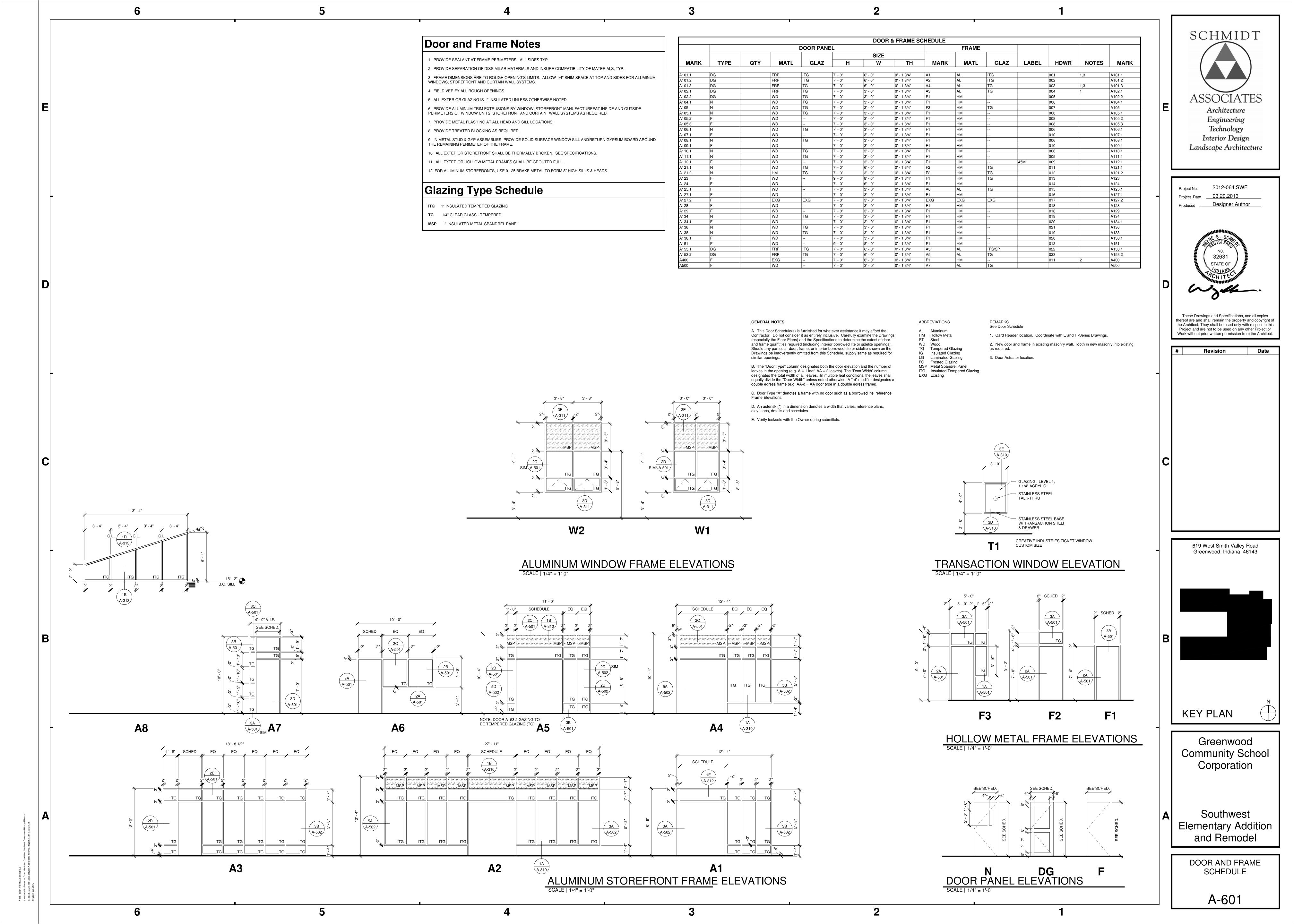




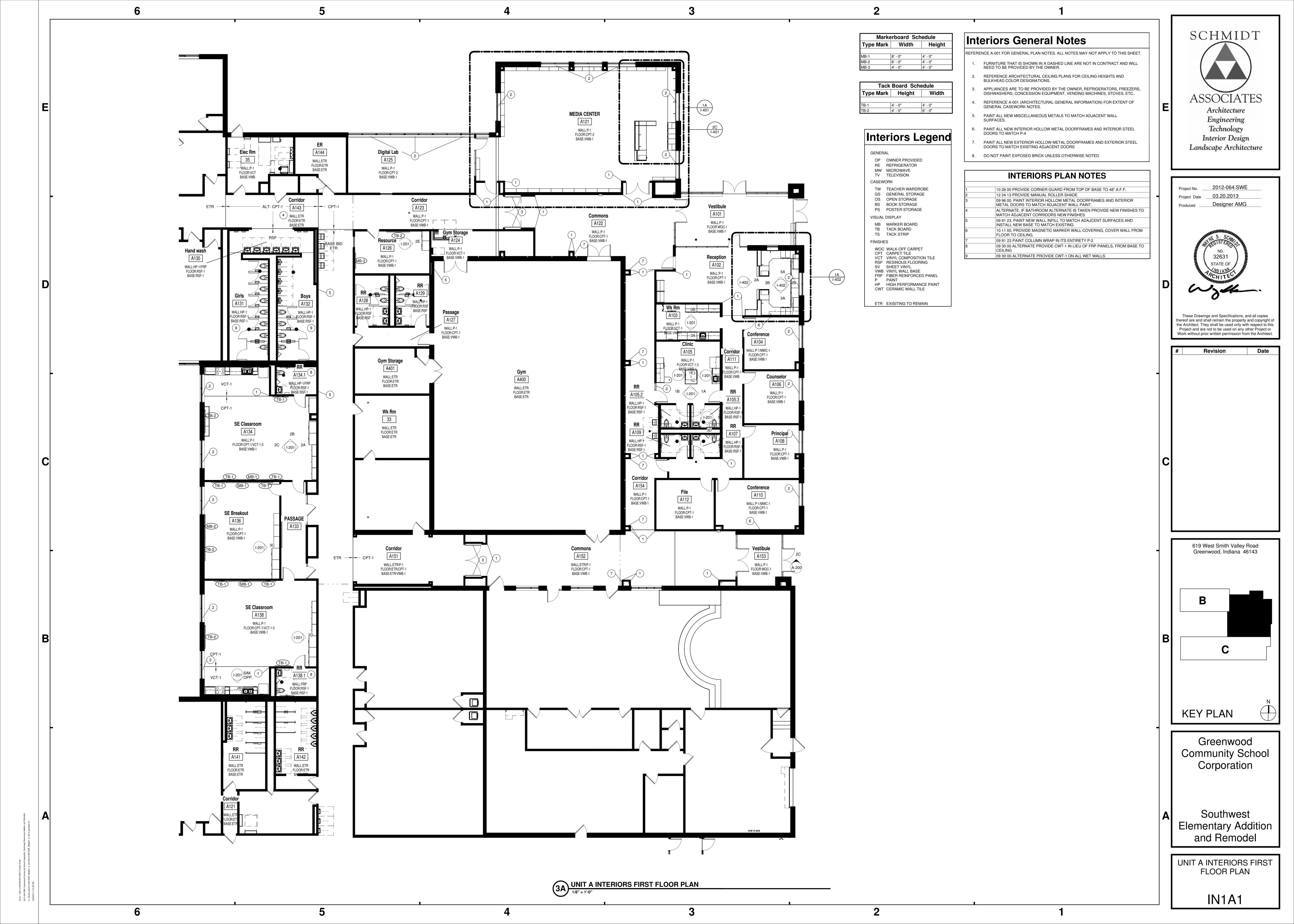


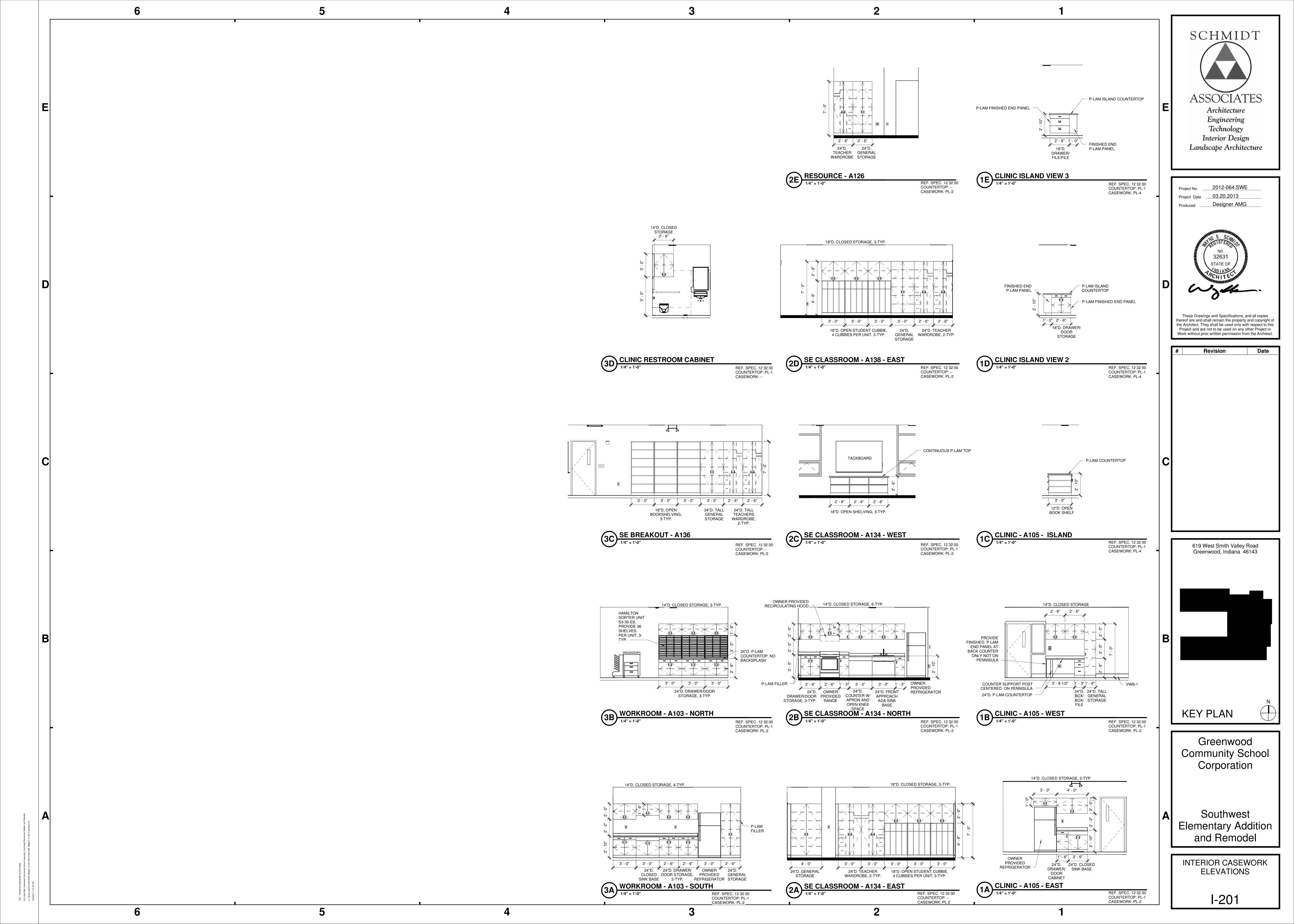


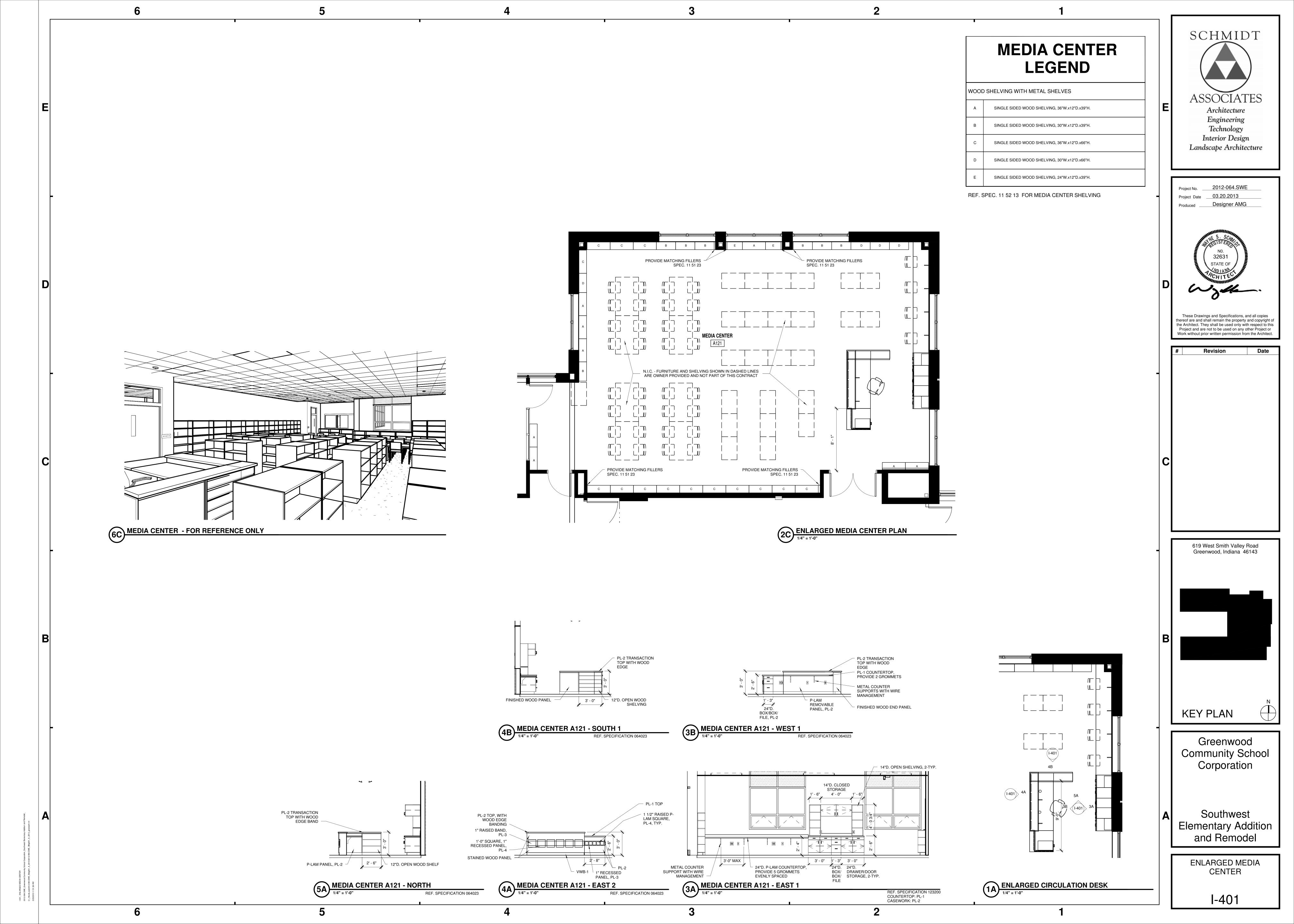


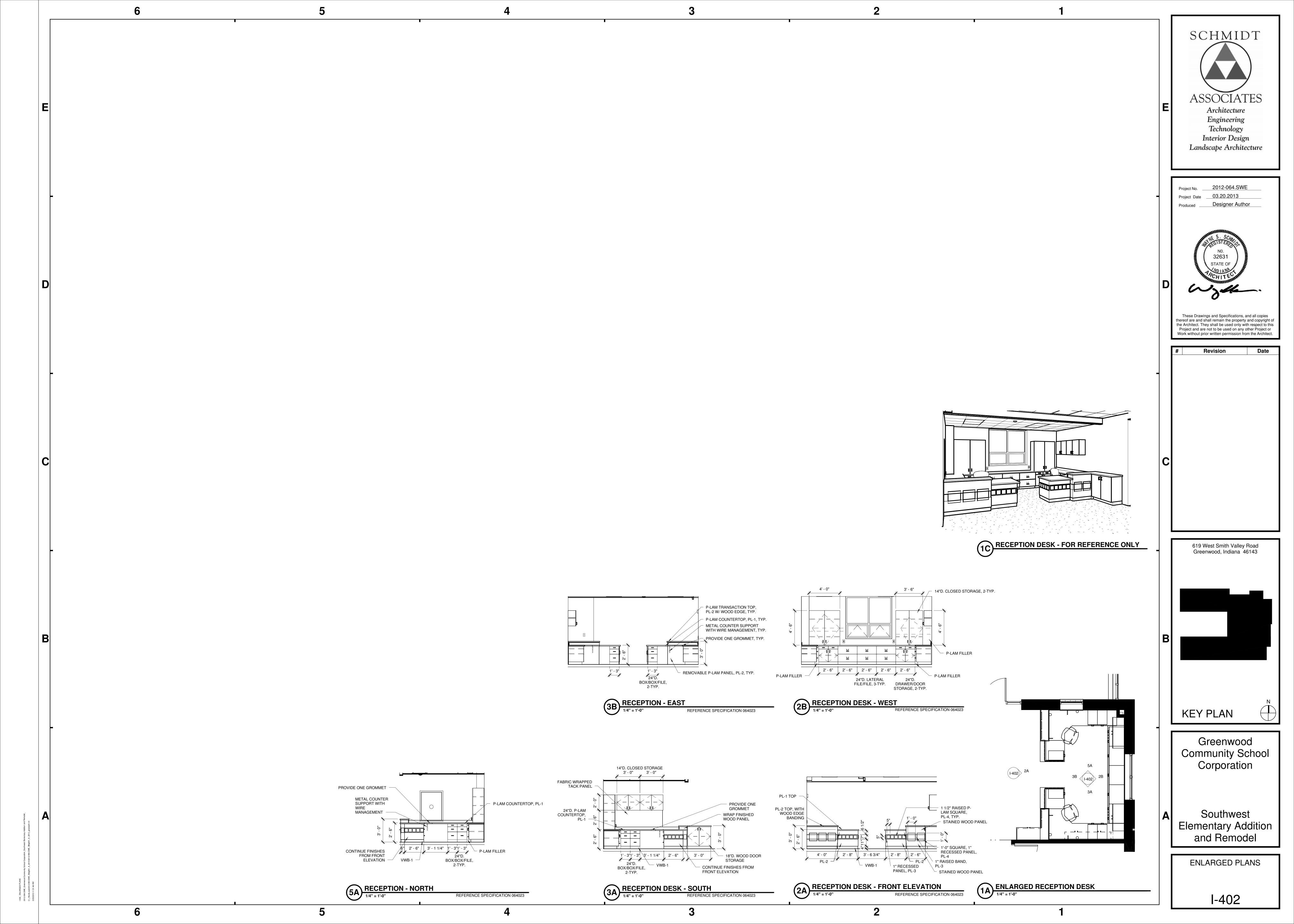


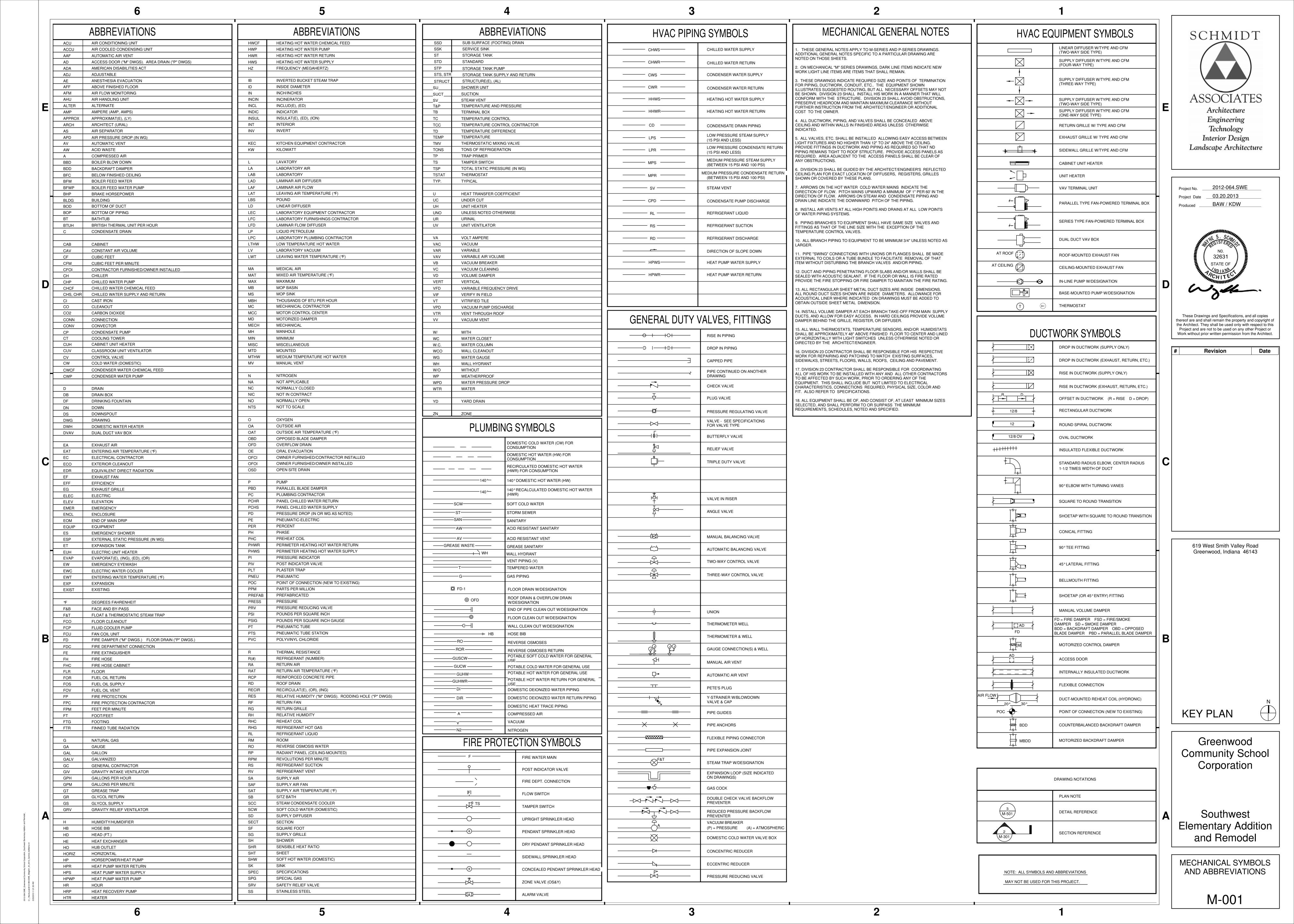


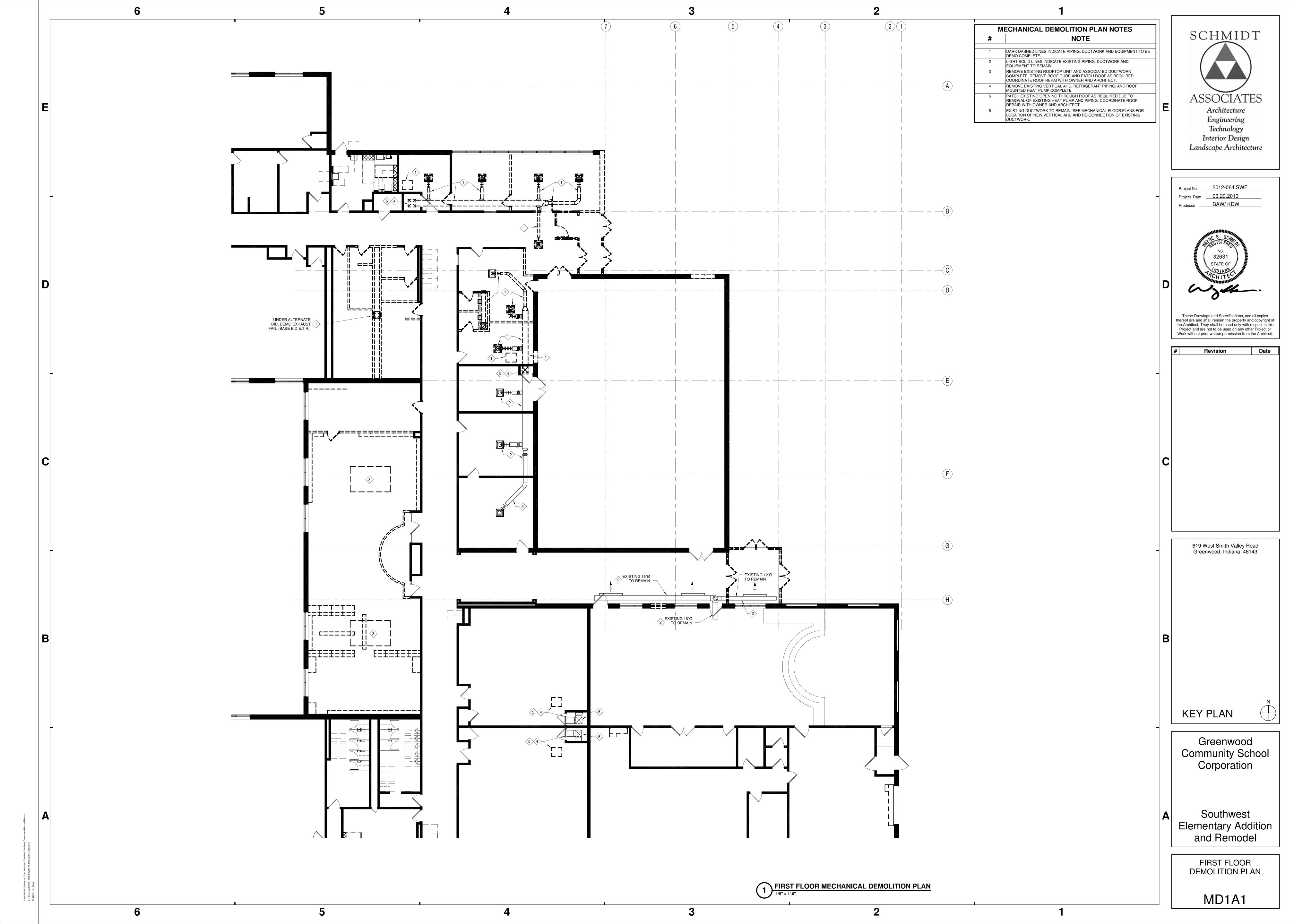


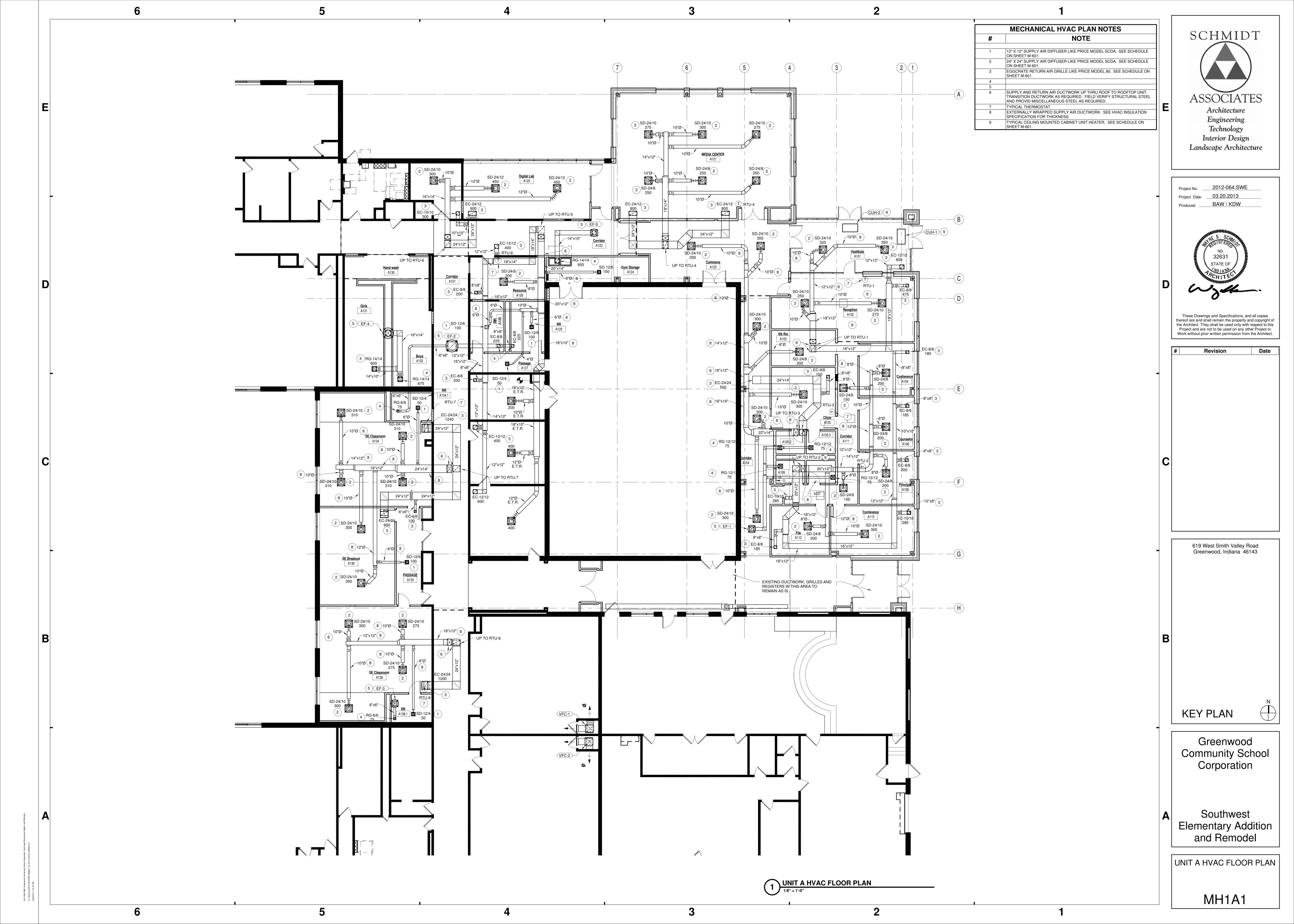


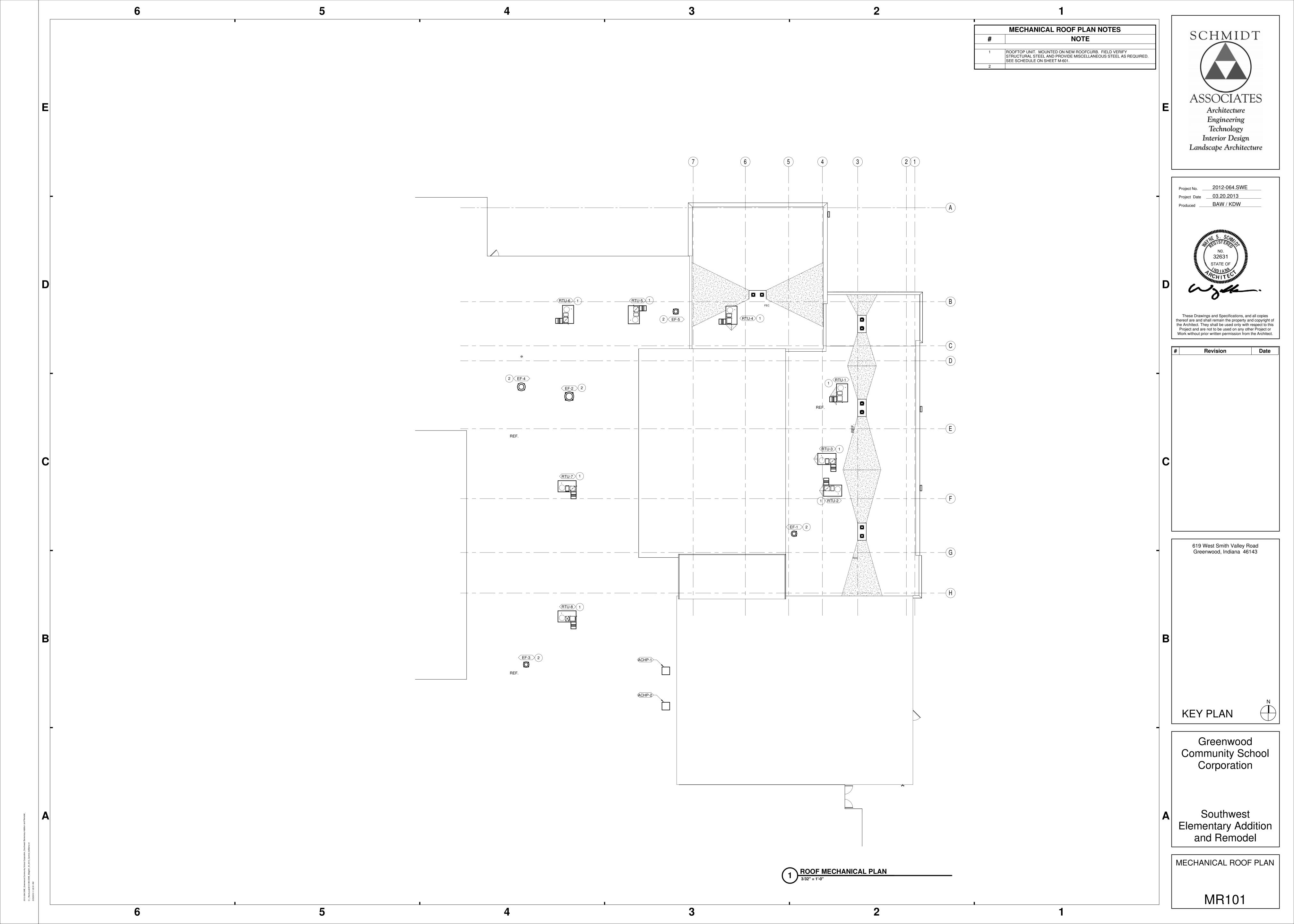


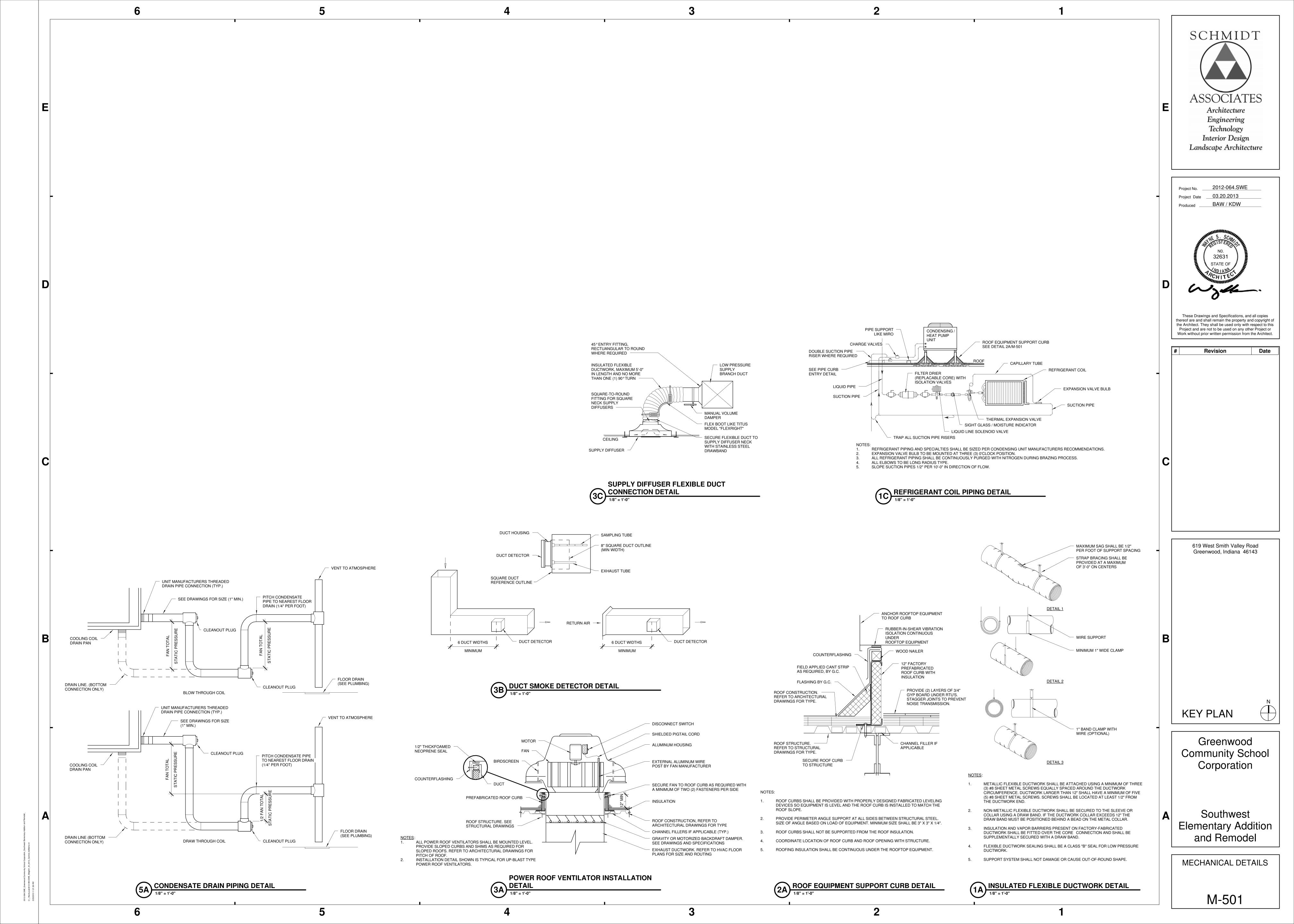


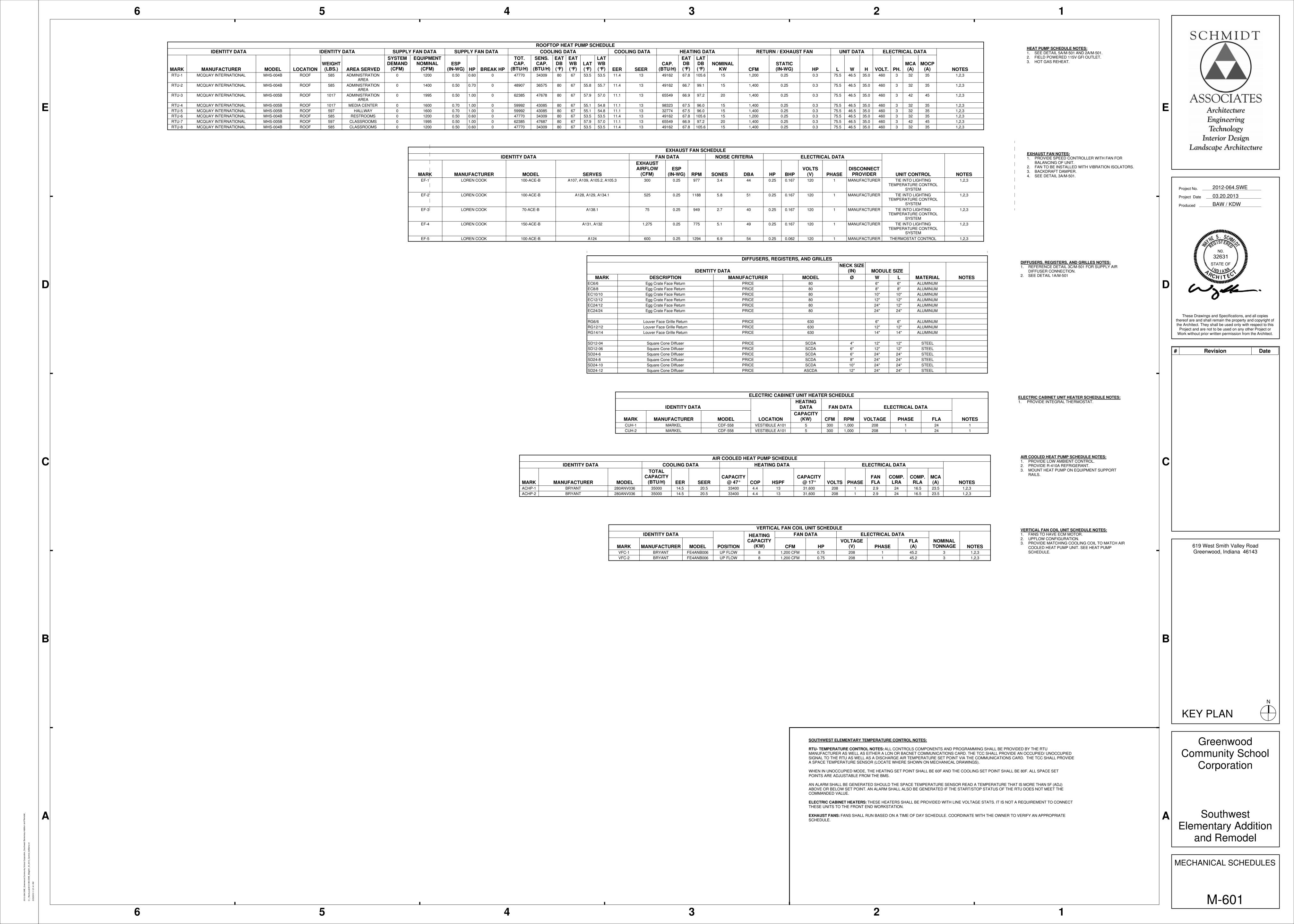


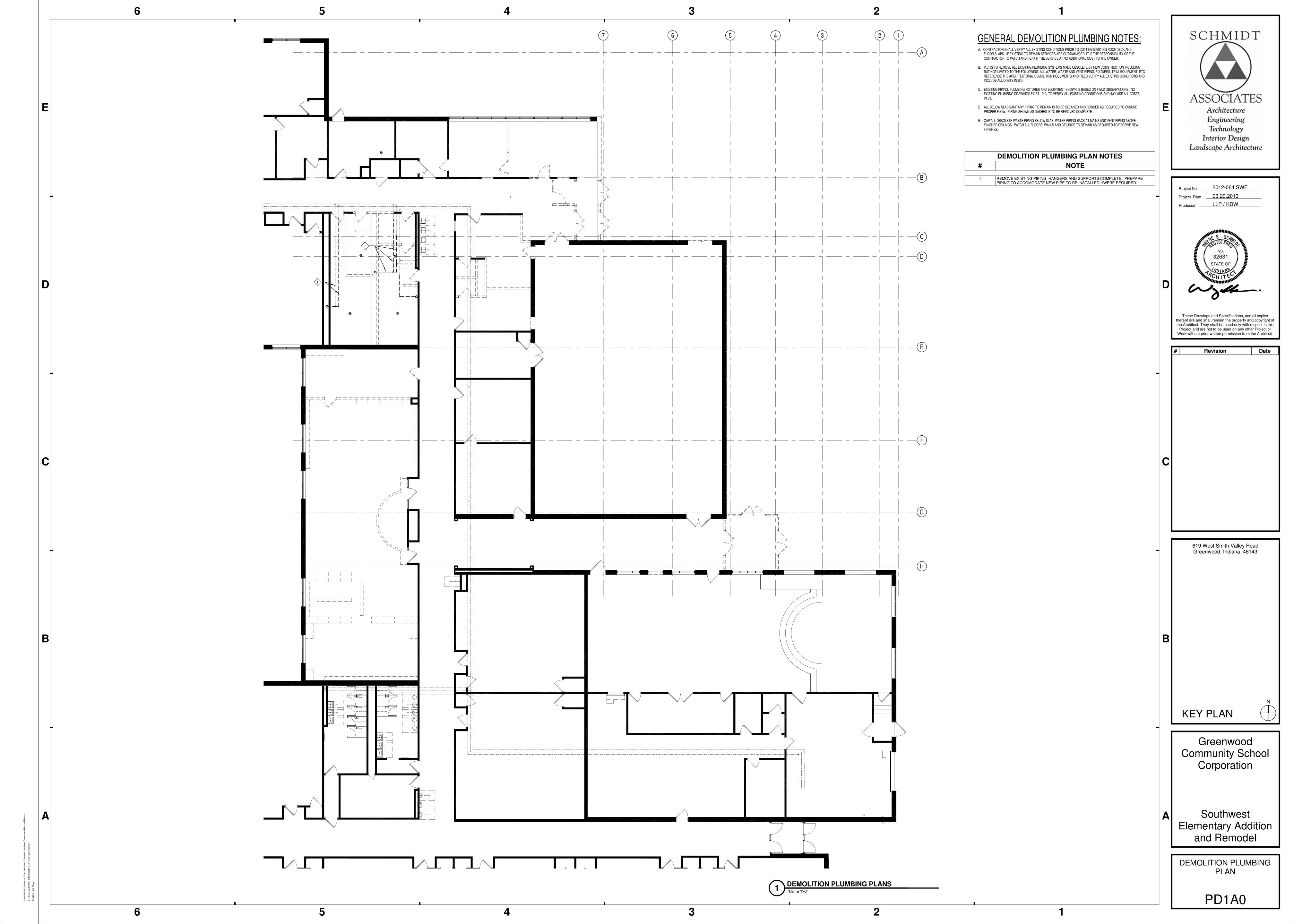


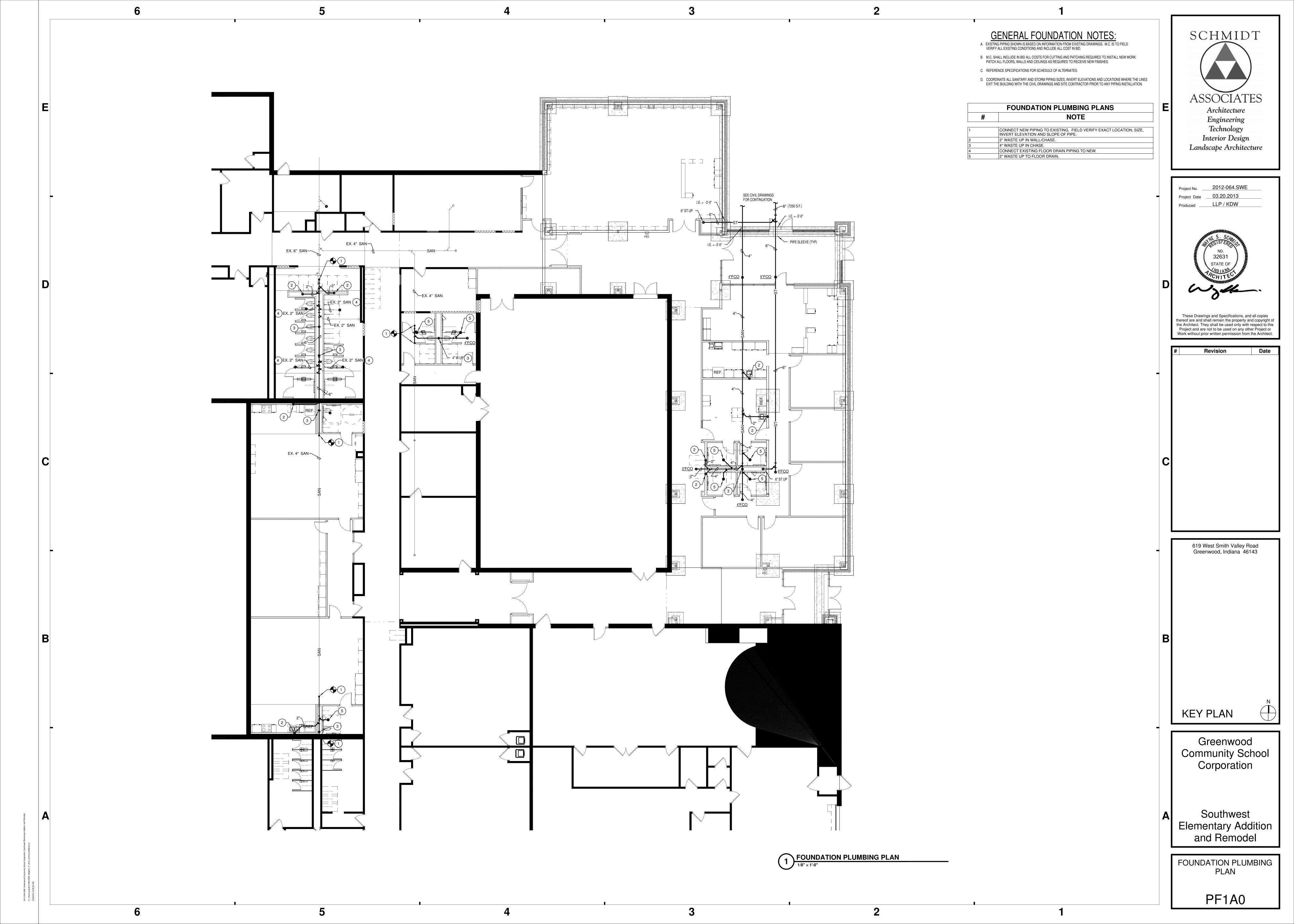


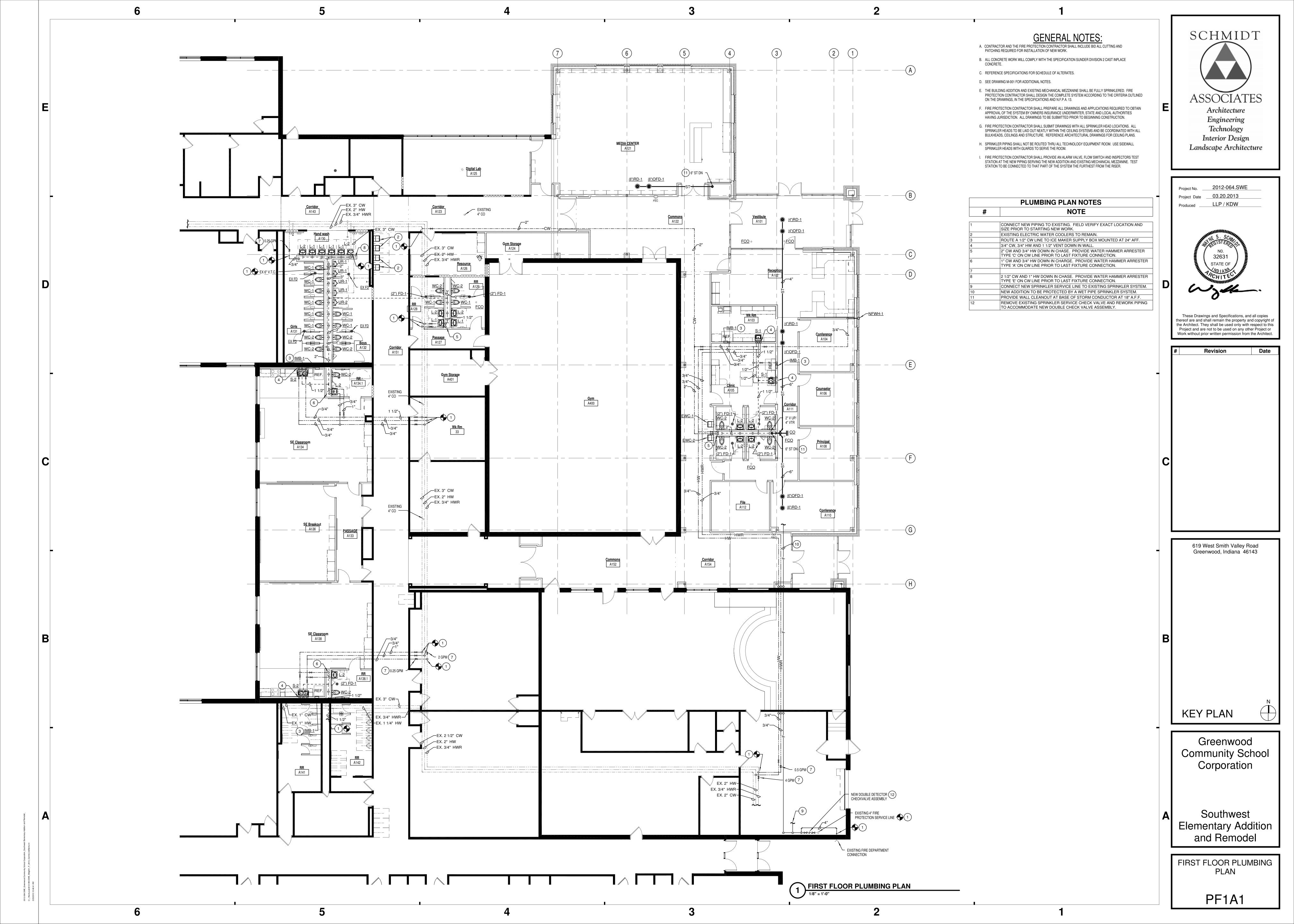


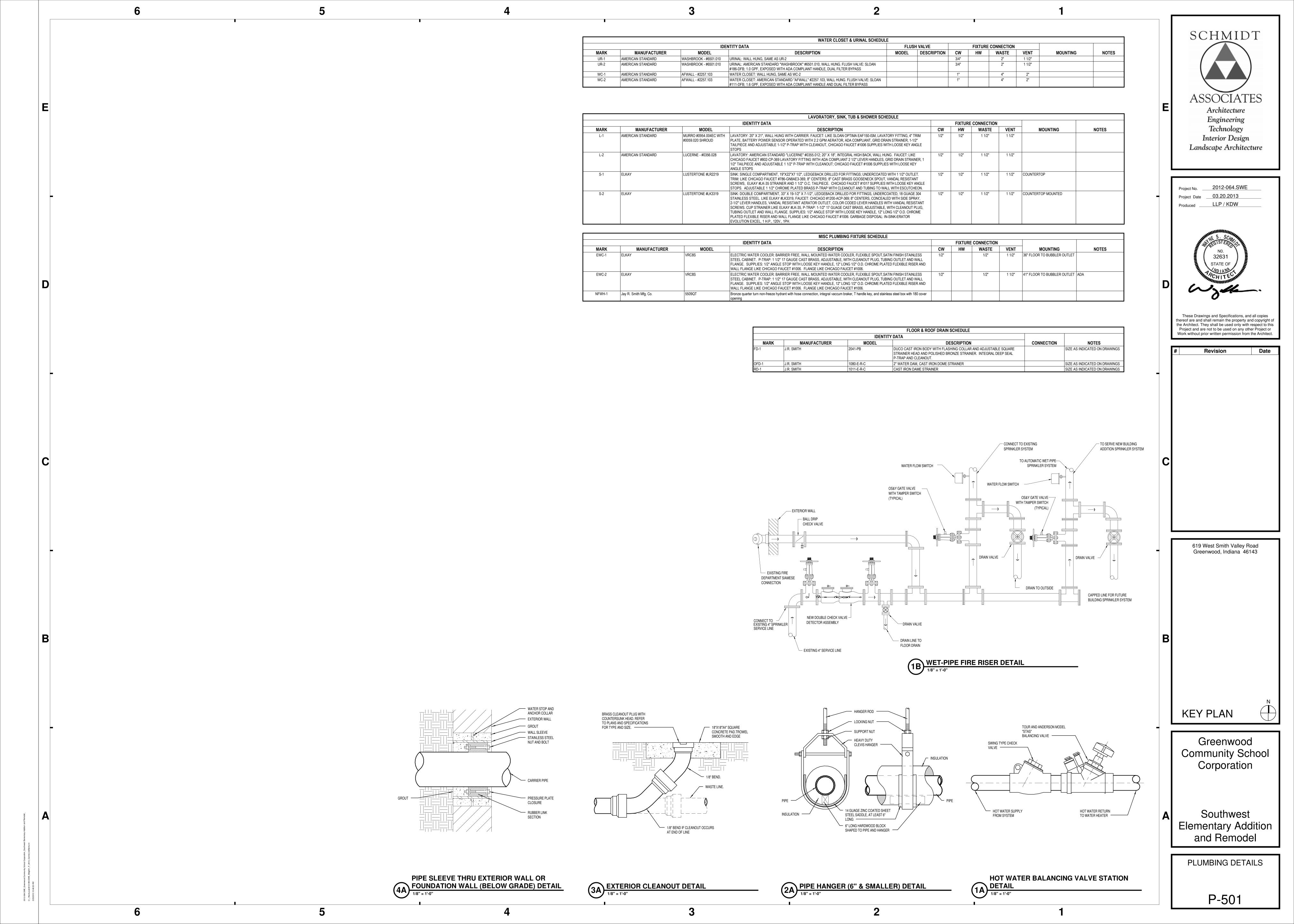


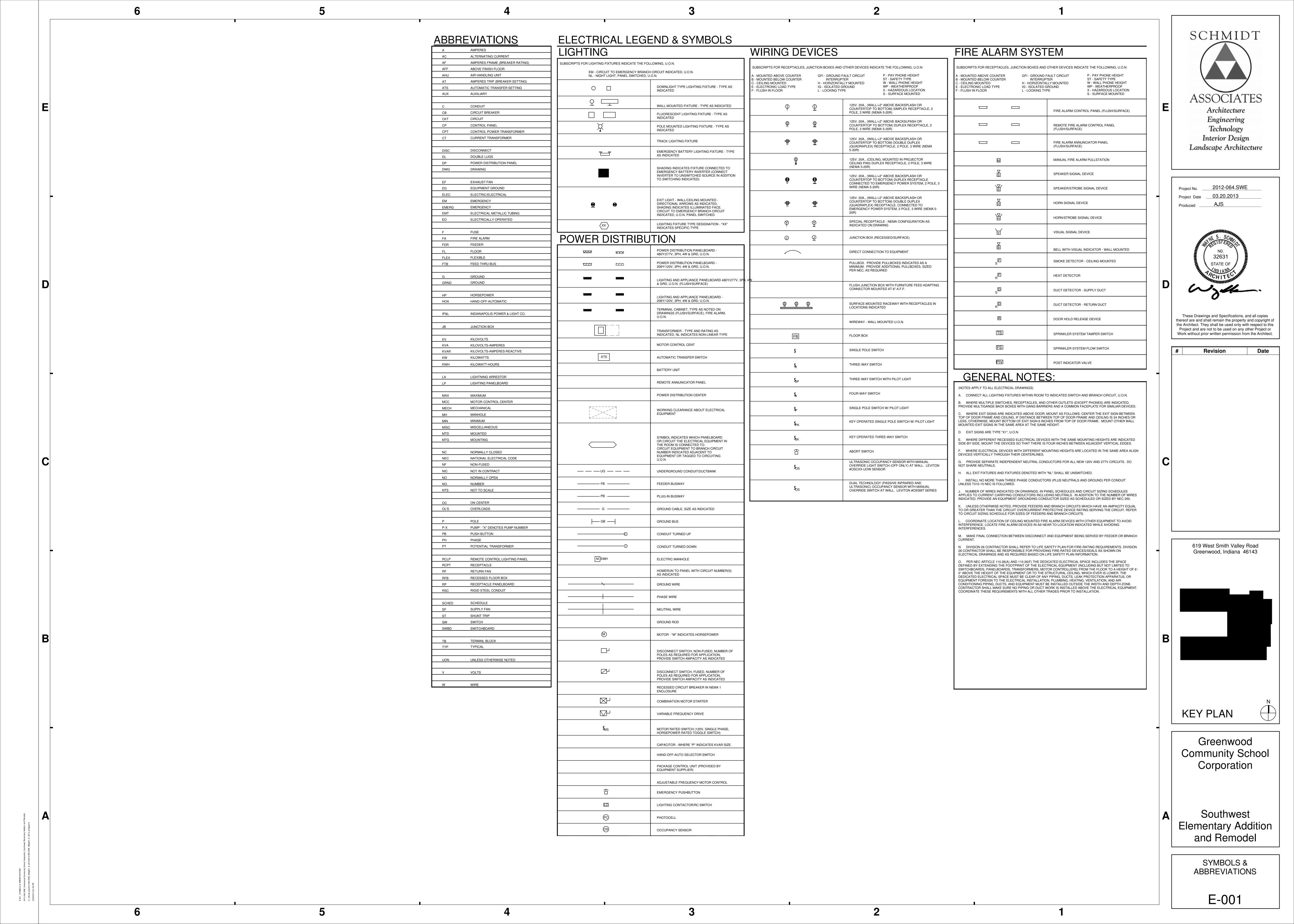


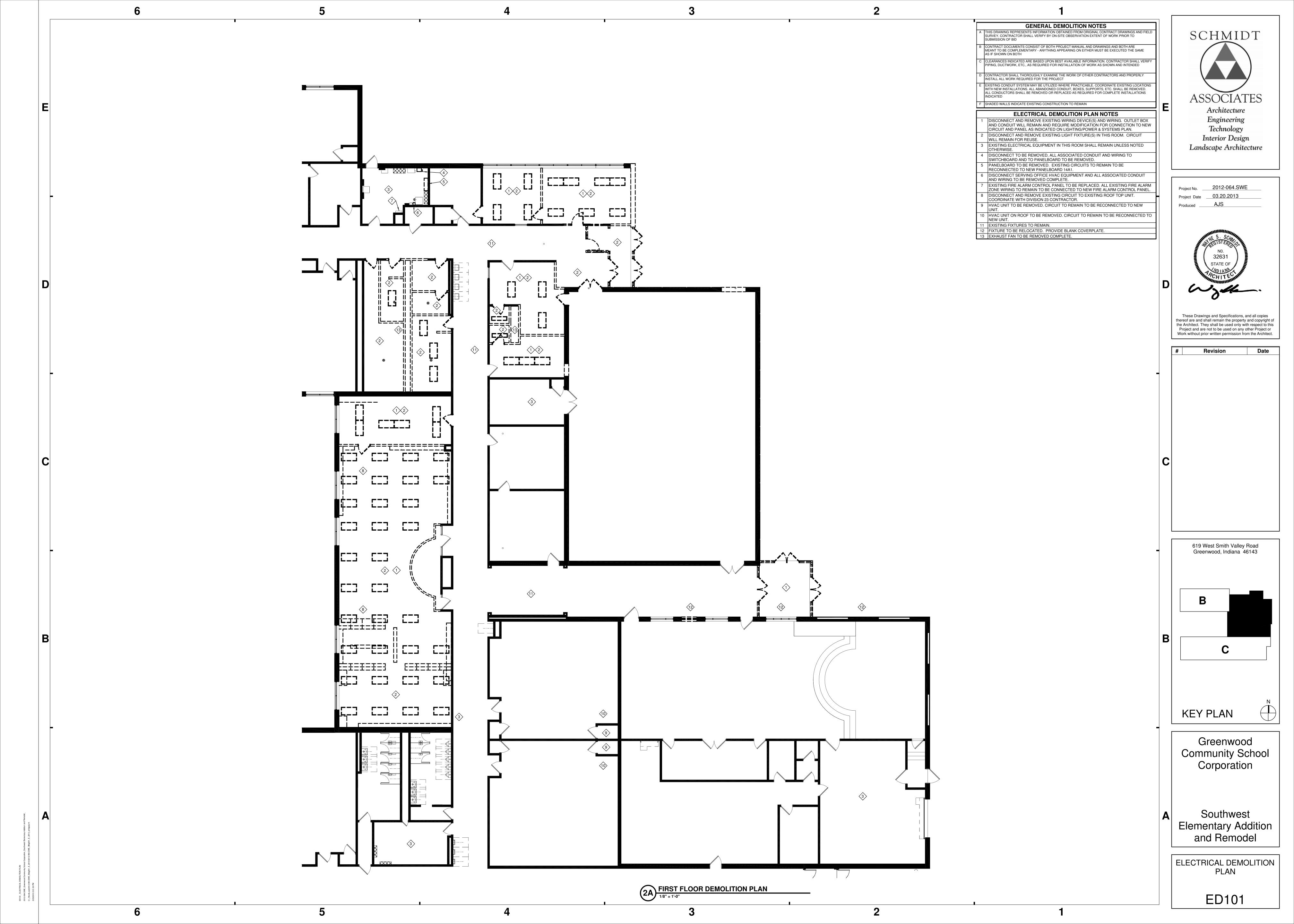


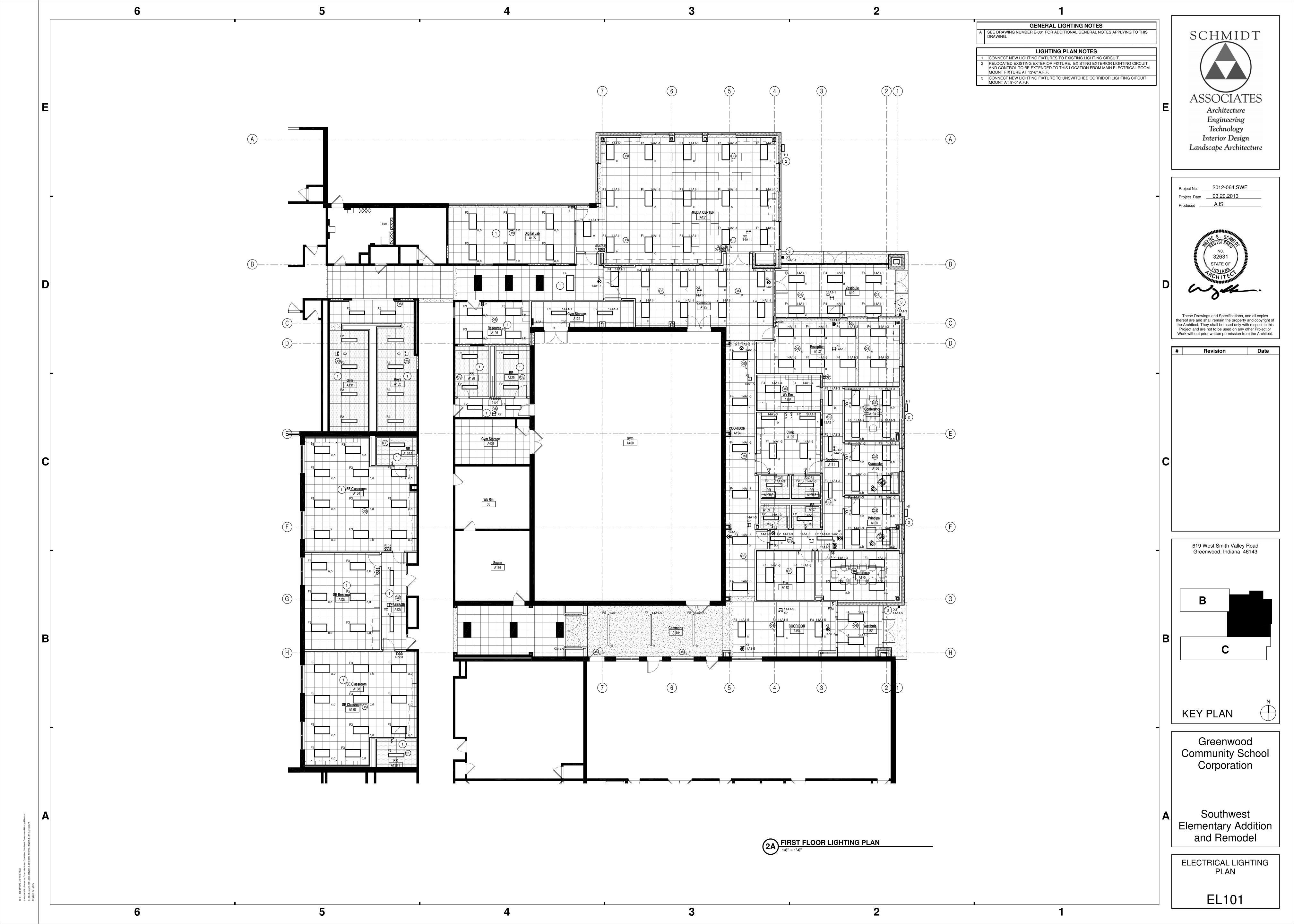


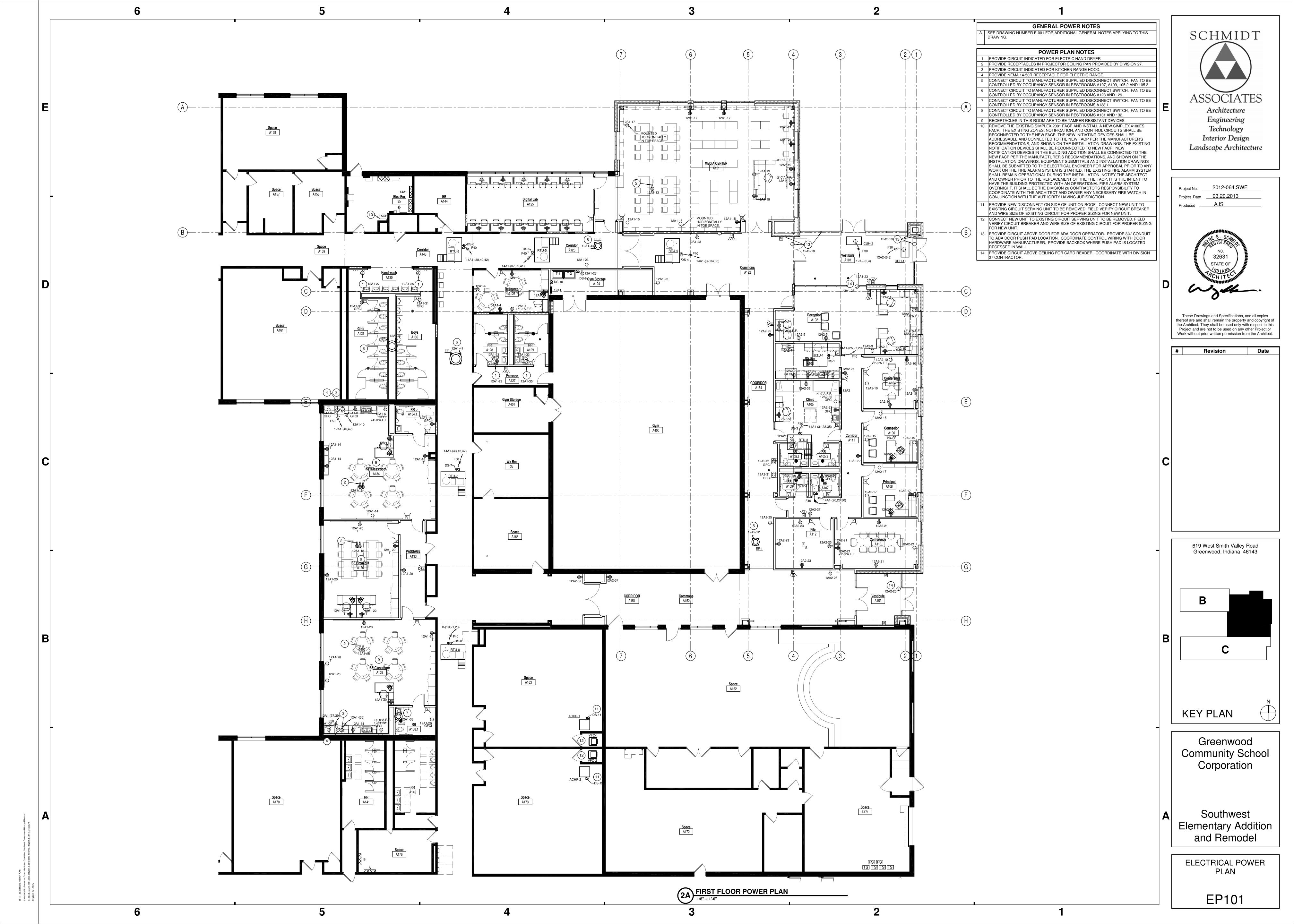


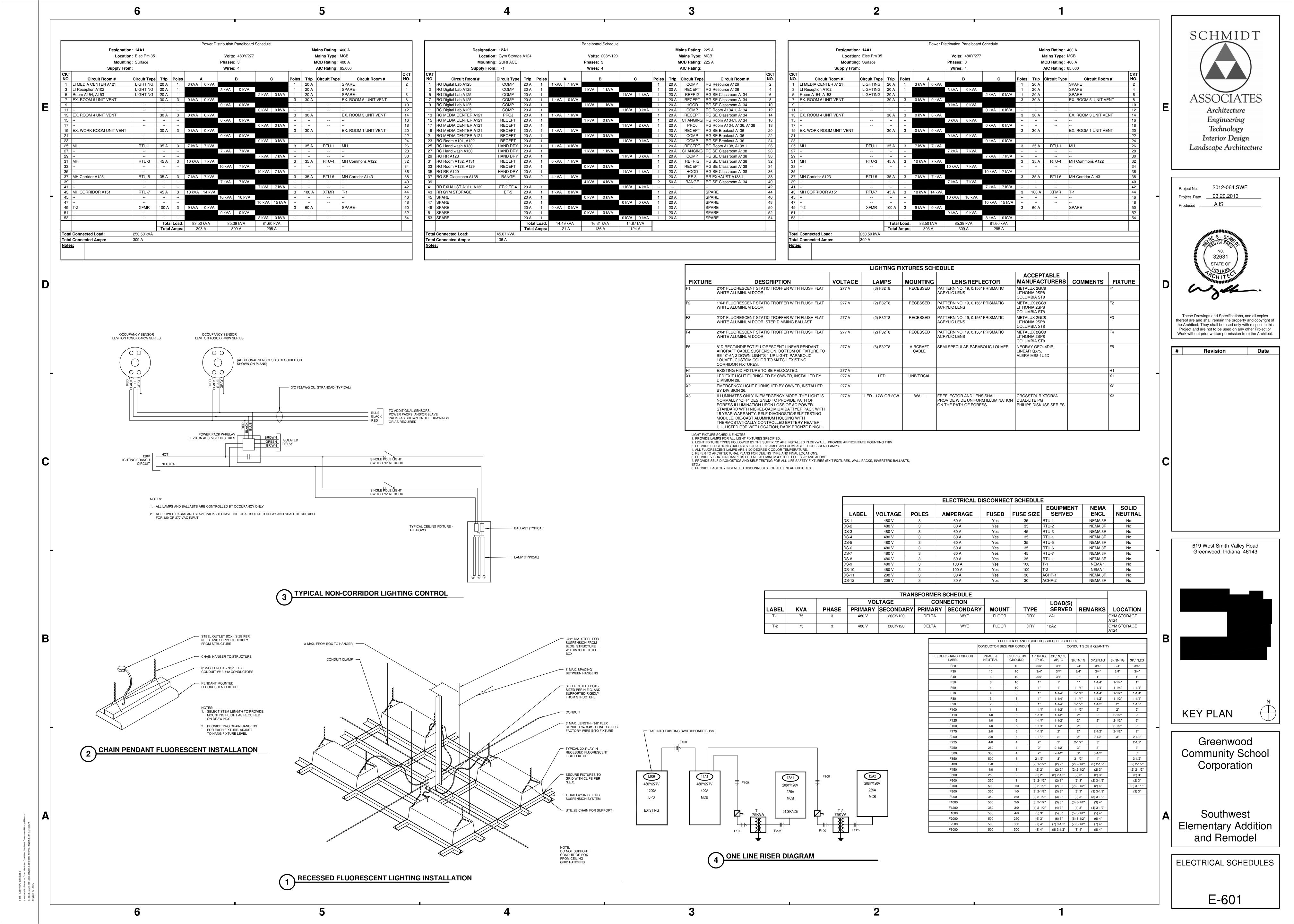


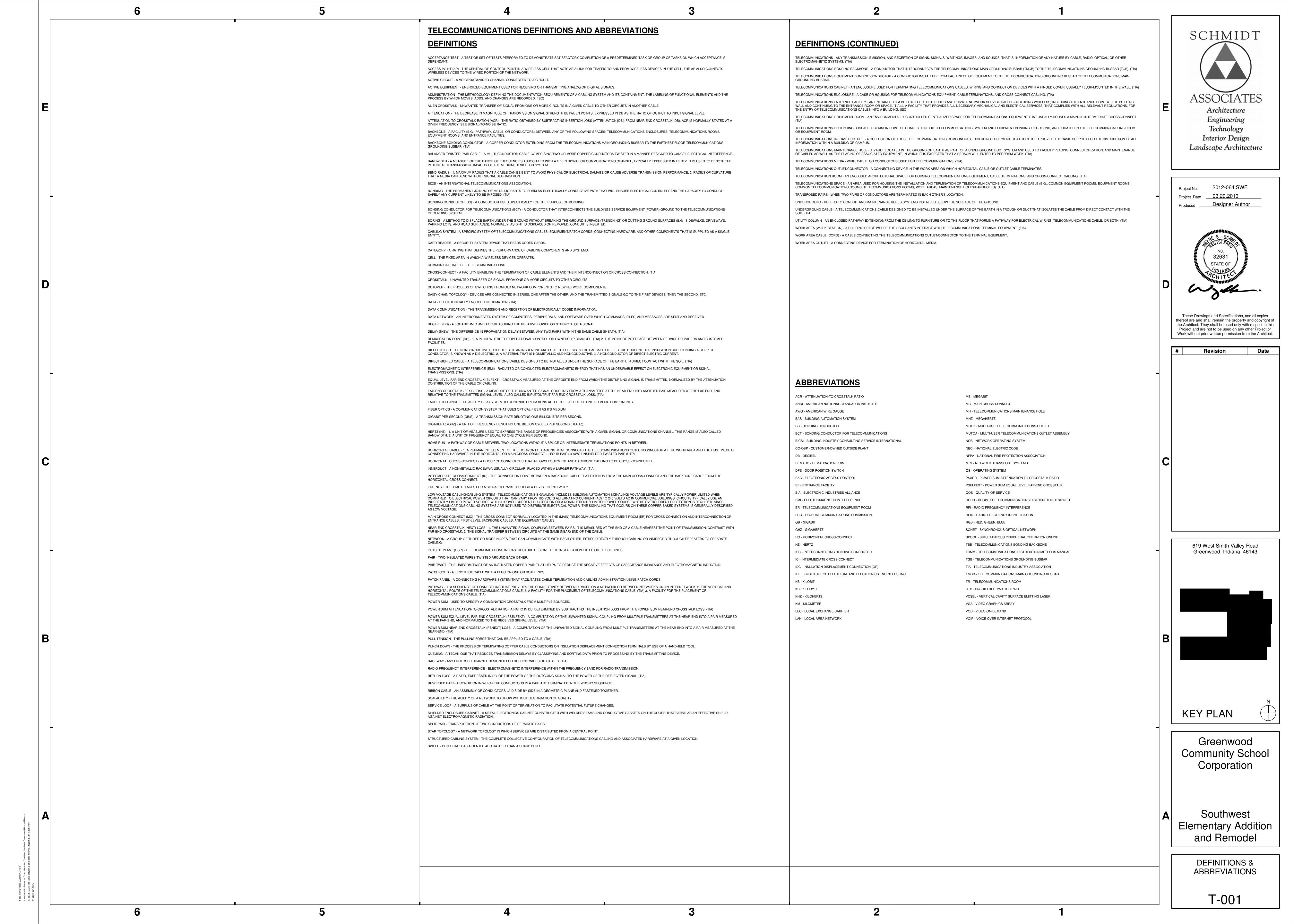


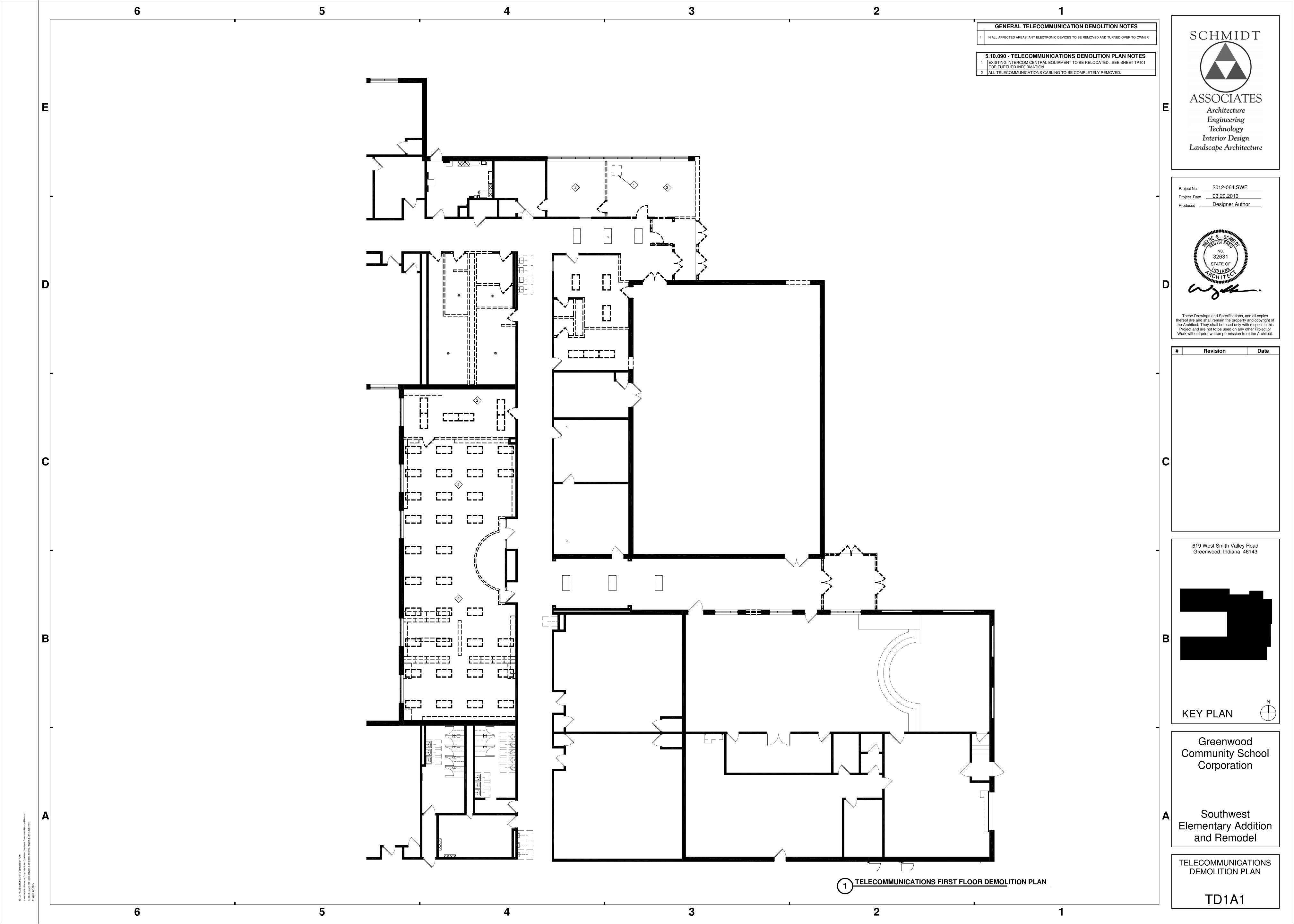


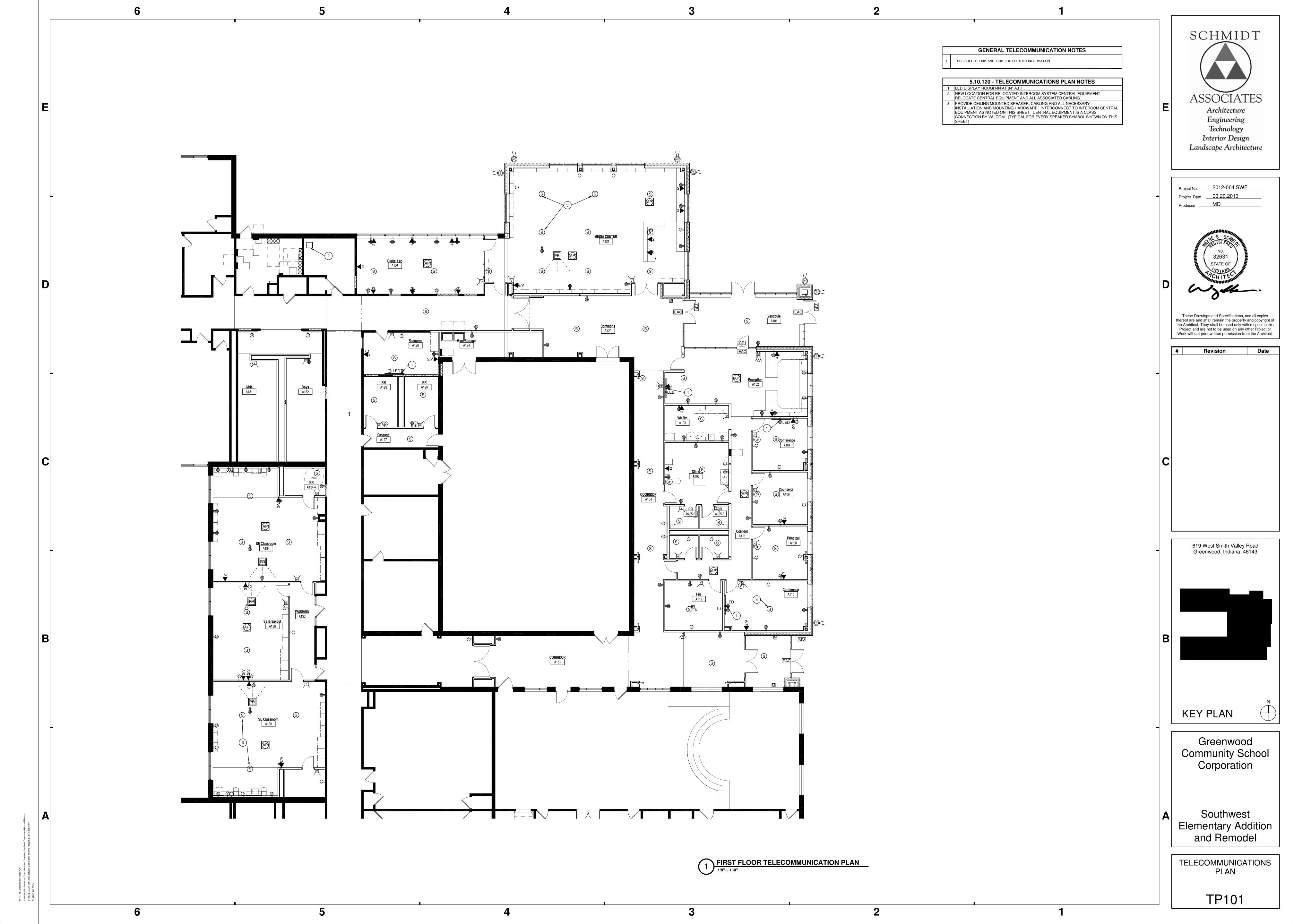


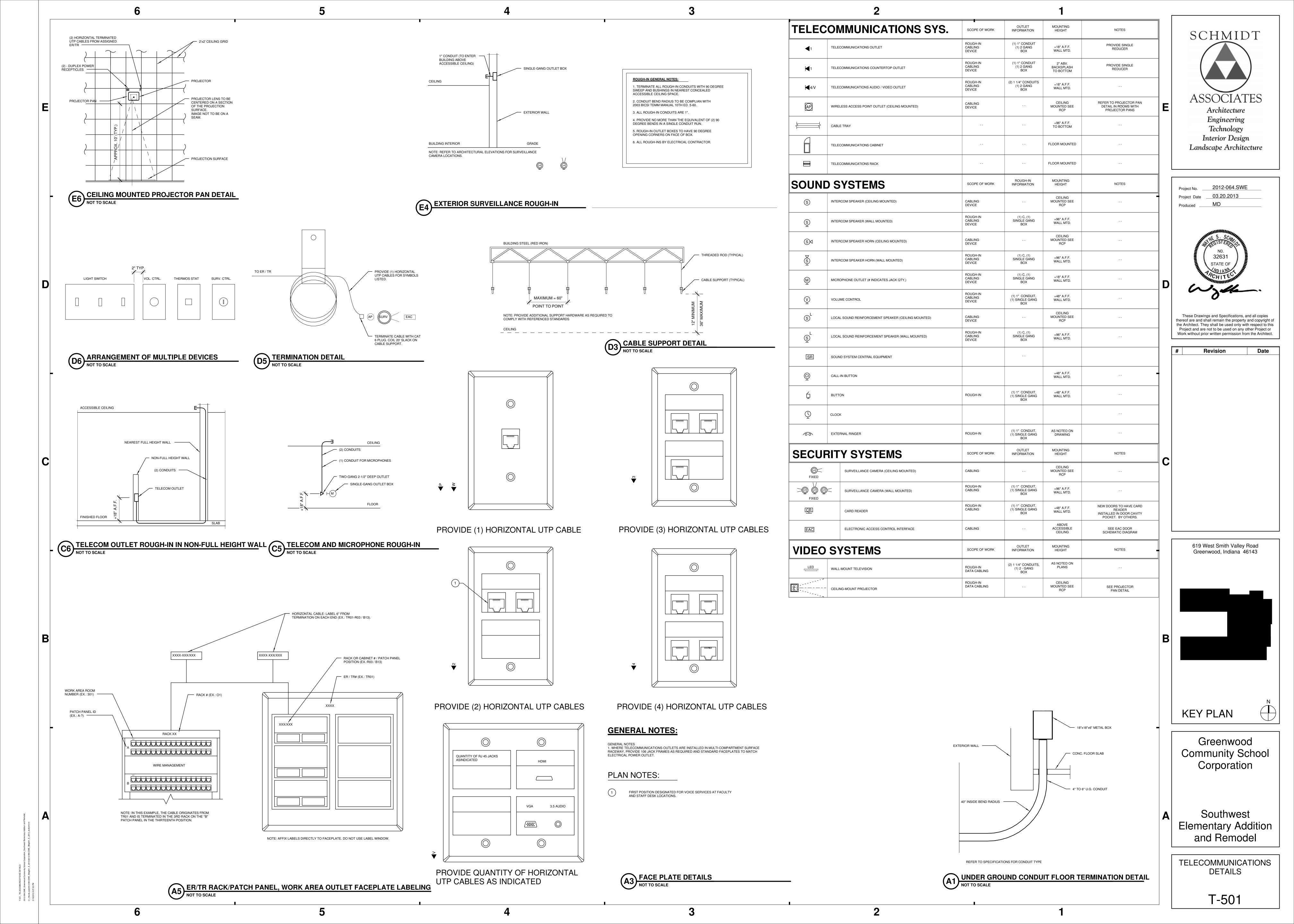












Would you like to reduce your turnaround time?

ELECTRONICALLY FILE YOUR PROJECT WITH STATE OF INDIANA at http://www.in.gov/dhs/2650.htm.

This on-line filing is through a secure site, you can use it to submit your project information, pay the fees and upload your project plans.



CONSTRUCTION DESIGN RELEASE

State Form 41191 (R9/5-98)

Report Printed on: August 16, 2013

Indiana Department of Homeland Security DIVISION OF FIRE & BUILDING SAFETY PLAN REVIEW DIVISION 402 W. Washington St., Room E245 Indianapolis, IN 46204



To: Owner / Architect / Engineer Grunau Company od Indiana, LLC Greg Wittman 81091

4341 West 96th Street Indianapolis IN 46268

Fax & e-mail: 3178722134, greg.wittman@grunau.com

Project number		Release date	
364055		08/16/13	
Construction type Occupar		ncy classification	
II-B, SPK	E, ADD, REM		
Scope of release			
SPK			
Type of release			
Partial			
Project name			
Southwest Elementary Addn and Renov			
·			
Street address			
619 West Smith Valley Road			
City	County		
Greenwood	JOHNSC	N	
1	I		

The plans, specifications and application submitted for the above referenced project have been reviewed for compliance with the applicable rules of the Fire Prevention and Building Safety Commission. The project is released for construction subject to, but not necessarily limited to, the conditions listed below. THIS IS NOT A BUILDING PERMIT. All required local permits and licenses must be obtained prior to beginning construction work. All construction work must be in full compliance with all applicable State rules. Any changes in the released plans and/or specifications must be filed with and released by this Office before any work is altered. This release may be suspended or revoked if it is determined to be issued in error, in violation of any rules of the Commission or if it is based on incorrect or insufficient information. This release shall expire by limitation, and become null and void, if the work authorized is not commenced within one (1) year from the above date.

Note :(A1A & A1B): In accordance with the affidavit sworn under penalties of perjury in the application for construction design release the plans and specifications filed in conjunction with this project shall comply with all of the applicable rules and laws of Fire Prevention and Building Safety Commission. Providing false information constitutes an act of perjury, which is a Class D felony punishable by a prison term and a fine up to \$10,000.

In accordance with Section 19 of the General Administrative Rules (675 IAC 12-6-19) a complete set of plans and specifications that conform exactly to the design that was released by the office of the state building commissioner shall be maintained on the construction jobsite as well as a copy of the design release.

The applicable standard in use by the Indiana Fire Prevention and Building Safety Commission for sprinkler design is NFPA 13, 2010 edition (675 IAC 28-1-5).

10F252 Water-based fire-protection systems shall be inspected, tested, and maintained per NFPA 25, 2002 edition (675 IAC 28-1-12).

8B0901A The complete installation of the fire-suppression system shall comply with NFPA Standard 13 (675 IAC 13-1-8), Chapter 9, IBC (675 IAC 13-2.5); and all other applicable codes and standards.

Please be advised that if an administrative review of this action is desired, a written petition for review must be filed at the above address with the Fire Prevention and Building Safety Commission identifying the matter for which a review is sought no later than eighteen (18) days from the above stated date, unless the eighteenth day falls on a Saturday, a Sunday, a legal holiday under State statute, or a day in which the Department of Fire and Building Services is closed during normal business hours. In the latter case, the filing deadline will be the first working day thereafter. If you choose to petition, and the before-mentioned procedures are followed, your petition for review will be granted, and an administrative proceeding will be conducted by an administrative law judge of the Fire Prevention and Building Safety Commission. If a petition for review is not filed, this Order will be final, and you must comply with its requirements.

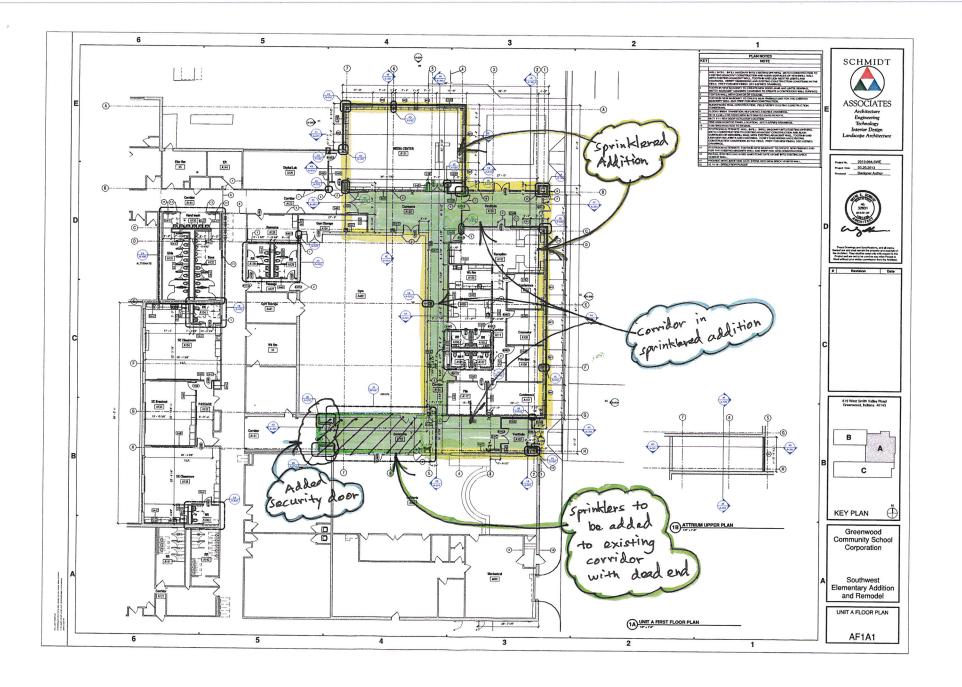
Filed By

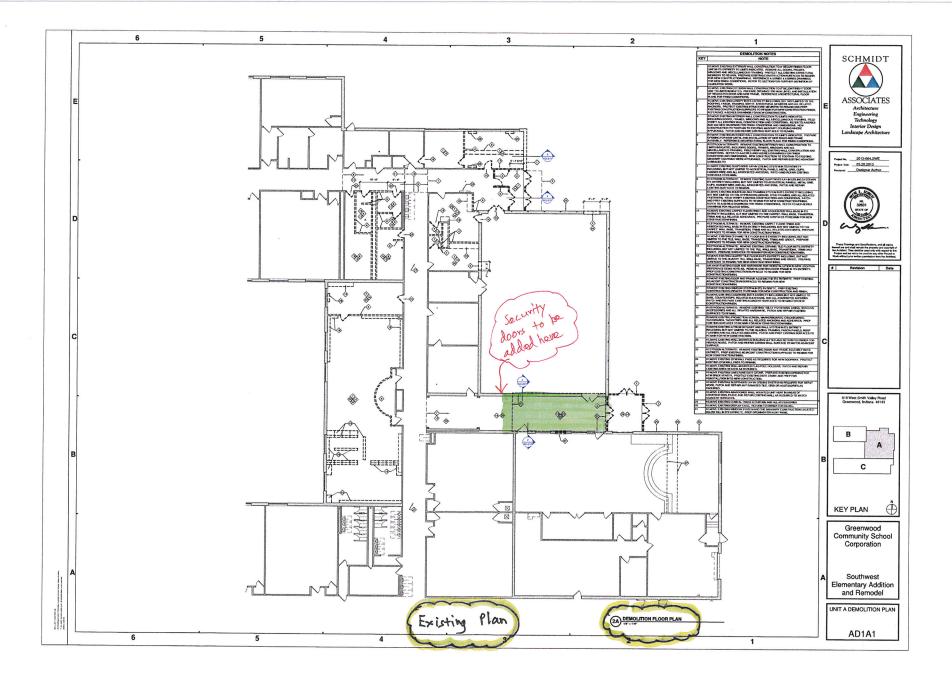
Code review official REX MAYS

Address (name,title of local official,street,city,state and ZIP code

BUILDING COMMISSIONER
Lowell Weber

225 S Emerson Ave
Suite C
Greenwood, IN 46143
Fax & e-mail: 3178875616, weberl@greenwood.in.gov







INDIANA DEPARTMENT OF HOMELAND SECURITY CODE SERVICE SECTION

402 West Washington Street, Room W246 Indianapolis, IN 46204-2739 http://www.in.gov/dhs/fire/fp_bs_comm_code/



INSTRUCTION: Please refer to the attached four (4) page instructions.

Attach additional pages as needed to complete this application.

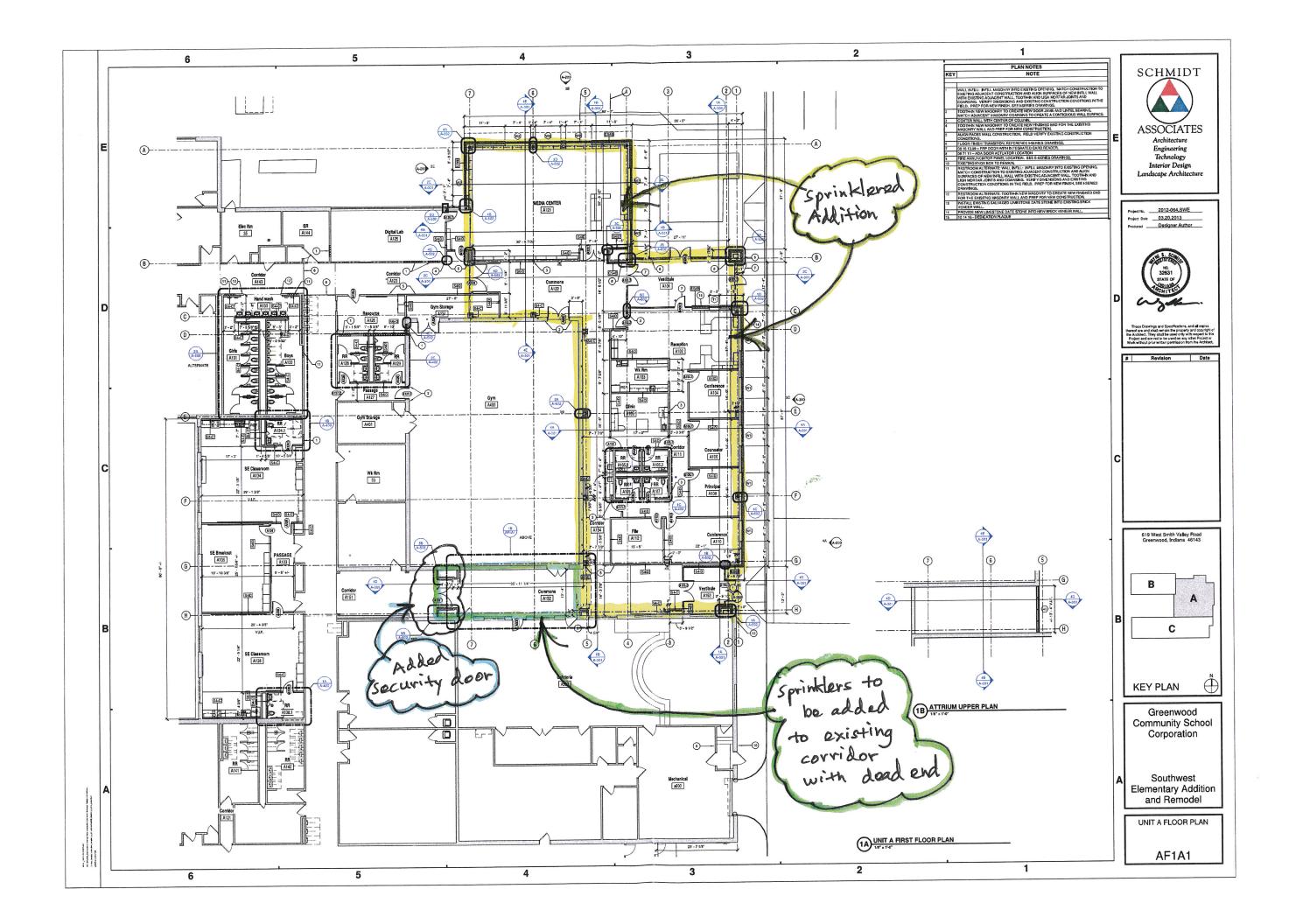
Variance number (Assigned by department)

14-03-34

1. APPLICANT INFORMATION (Person who would be in violation if variance is not granted; usually this is the owner)				
Name of the applicant	Title			
Dr. Kent DeKoninck	Superintendent			
Name of organization	Telephone number			
Greenwood Community School Corporation Address (number and street, city, state, and Zip code)	(317) 889-4060			
605 West Smith Valley Road Greenwood, Indiana 46142				
	. 4h	Apple Apple Apple and the Apple apple		
2. PERSON SUBMITTING APPLICATION ON BEHALF OF THE APPLICANT (if not submitted be Name of person on behalf of the applicant	Title			
Edwin L. Rensink	Principal			
Name of organization	Telephone number			
RTM Consultants, Inc.	(317) 329-7700			
Address (number and street, city, state, and Zip code)	(==,)==================================	~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~		
6640 Parkdale Place, Suite J, Indianapolis, Indiana 46254				
3. DESIGN PROFESSIONAL OF RECORD (If applicable)				
Name of design professional	License number			
Wayne S. Schmidt, FAIA	32631			
Name of organization	Telephone number			
Schmidt Associates	(317) 263-6226			
Address (number and street, city, state, and Zip code)	6204			
Wil-Fra-Mar Building 320 East Vermont Street Indianapolis, Indiana	0204	STOROGE VIEW		
4. PROJECT IDENTIFICATION		Supplemental States of the		
	C4-4!4	C		
Name of project Crosswood Southwest Florentawy School Addition	State project number	County Lohnson County		
Greenwood Southwest Elementary School Addition	364055	Johnson County		
		NATION AND ADDRESS OF THE PARTY		
Greenwood Southwest Elementary School Addition Site Address (number and street, city, state, and Zip code) 619 West Smith Valley Road Greenwood, Indiana 46142	364055	NATION AND ADDRESS OF THE PARTY		
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7. DESCRIPTION OF REQUESTED VARIANCE				
Name of code or standard and edition involved		Specific code section	·	
2008 Indiana Building Code		1017.3		
A set of doors placed across an existing corridor creates a dead end of approximately 40 feet. Based upon the corridor width of just over 13'4", the permitted dead end is approximately 33 feet. The project involved a 1-story addition of approximately 6,500 square feet, including a media center and administrative offices. The building is classified as E Occupancy with less than 10% B Occupancy accessory occupancy administrative offices.				
8. DEMONSTRATION THAT PUBLIC HEALTH, SA	FETY, AND WELFA	RE WILL BE PROTECTED		
Select one of the following statements:				
■ Non-compliance with the rule will not be adverse	to the public health	, safety or welfare; or		
Applicant will undertake alternative actions in to public health, safety, or welfare. Explain we facts demonstrating that the above selected statement is true.	hy alternative acti		g of the variance will not be adverse	
 Automatic sprinkler protection will be extended from the addition into the existing corridor with the dead end. The addition, including the new corridor connecting to the existing corridor is protected with an automatic sprinkler system. An egress door is also provided into the existing cafeteria from the corridor from the existing corridor. 				
9. DEMONSTRATION OF UNDUE HARDSHIP OR	HISTORICALLY SI	GNIFICANT STRUCTURE		
Select one of the following statements:				
☐ Imposition of the rule would result in an undue hardship (unusual difficulty) because of physical limitations of the construction site or its utility services			mitations of the construction site or	
Imposition of the rule would result in an undue	hardship <i>(unusua</i>	difficulty) because of major operation	onal problems in the use of the	
building or structure ☐ Imposition of the rule would result in an undue hardship (unusual difficulty) because of excessive costs of additional or altered construction elements ☐ Imposition of the rule would prevent the preservation of An architecturally or a historically significant part of the building or structure.				
Facts demonstrating that the above selected statement is true	:			
The doors across the corridor are needed to provide security from unwanted access into the school during after- school hours occupancy of the front portion of the building. 10. STATEMENT OF ACCURACY				
10. STATEMENT OF ACCURACY				
10. STATEMENT OF ACCURACY hereby certify under penalty of perjury that the inform	ation contained in th	is application is accurate		
	ation contained in the		Date of signature (month, day, year)	
hereby certify under penalty of perjury that the inform		е	Date of signature (month, day, year)	
hereby certify under penalty of perjury that the inform	Please print nam	e sink	Date of signature (month, day, year) Date of signature (month, day, year)	
hereby certify under penalty of perjury that the inform Signature of applicant or person submitting application	Please print nam Edwin L. Ren	e sink e		
hereby certify under penalty of perjury that the inform Signature of applicant or person submitting application	Please print nam Edwin L. Ren Please print nam Wayne S. Schi	e sink e nidt, FAIA	Date of signature (month, day, year)	
hereby certify under penalty of perjury that the inform Signature of applicant or person submitting application Signature of design professional (if applicable) 11. STATEMENT OF AWARENESS (If the applicate hereby certify under penalty of perjury that I am a	Please print nam Edwin L. Ren Please print nam Wayne S. Schi	e sink e nidt, FAIA n the applicant's behalf, the applicant	Date of signature (month, day, year)	
hereby certify under penalty of perjury that the inform Signature of applicant or person submitting application Signature of design professional (if applicable) 11. STATEMENT OF AWARENESS (If the application)	Please print nam Edwin L. Ren Please print nam Wayne S. Schi	e sink e midt, FAIA n the applicant's behalf, the applicant st for variance and that this applicati	Date of signature (month, day, year)	





CERTIFICATE OF OCCUPANCY

City of Greenwood, Indiana - Office of Building Commissioner

Improvement Location Permit No	
CERTIFICATE OF OCCUPANCY ISSUED:	, 20 14
Issued to: MACDOUGALL PIERCE CONSTRUCTION	
This certifies that the action or work for which an Improvement Location Per	mit was issued for the prem
ises identified as SOUTHWEST ELEMENTARY	
Lot Noin	Addition,
Address 69 W. SMITH VALLEY RD.	has
been inspected and found to be in compliance with the applicable laws of the	e State of Indiana and Ordi-
nances of this City.	
	, Building Commissioner
(when applicable)	, Fire Inspector
Conditions: Call for grade inspection after finish grading — 881-8698	
Need graphic west to risers showing converge.	Par work system.
NEED SIGN FOR PARTIAL SPRINICLER SYSTEM A	T FDC.



Community Development Services Division of Planning and Zoning 225 S Emerson Avenue Greenwood, IN 46143 (317) 881-8698 (317) 887-5616 fax

COMMA

Permit Number 2013-0315

Suite

Block

Project Southwest Elementary Sch

Section

Issue Date:

7/8/2013

Lot

Contractor MacDougall Pierce Constructi Contact 1 Bob Kemper

Address:

Subdivision

Contact 2

Comments

Phone # (317) 590-4887

619 W Smith Valley Road

Phone #

Date
A 8/67/13
Date
Date 1/3/14

OUGH INSPECTION	N(S)	Date
		10/24/3
INAL INSPECTION(S)	Date
Need:	1 GRAPHIC LAYOUT NEXT	to Alarm
Need: 5/12/14	@ GrapHIC MAP OF riser @ Cabel control value of AND etwogency cight - Hurlan L.	on sprinkler in Library & Clinice
	The Light wor working i	- South entrace
	6 More one horn a	stroke to library
	from library to Of Abone ground paper B Alarm Should not of sprinklers - R	strence during flow
	@ NFPA 72 Paper	work to Fire Dept.