

ADDENDUM NO. 3

September 28, 2023

Whiteland Community High School Phase 1
300 E. Main Street
Whiteland, IN 46184

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated August 11, 2023, by Lancer Associates Architecture. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 3-1 through ADD 3-2, Specification Section 00 31 00 – Indiana Bid Form, Specification Section 01 21 00 Allowances, and Specification Section 01 23 00 – Alternates, Architects Addendum No. 3, consisting of 11 pages, Specification Section 03 37 00 Stained and Sealed Concrete Floors, Crossroads Engineers Narrative, 301, 302, 400, 500, 501, 1000, LS001, LS002, LS002, L601, S102AGH, A503, A504, A505, A731, Primary Engineering Narrative, P002, P100M, P101AGH, P101M, P403, P501, P504, E201M, E601, E701, E705, Design27 Narrative.

A. GENERAL NOTE- PRE-AWARD MEETING SCHEDULE

Bid Category No. 01 - General Trades – 10/10/23 @ 8AM
Bid Category No. 02 – Masonry – 10/10/23 @ 9AM
Bid Category No. 03 – Structural Steel/Misc Metals – 10/10/23 @ 10AM
Bid Category No. 04 – Roofing – 10/10/23 @ 11AM
Bid Category No. 05 – Metal Studs, Drywall & Acoustical – 10/10/23 @ 1PM
Bid Category No. 06 – Curtainwall, Storefront & Glazing – 10/10/23 @ 2PM
Bid Category No. 07 – Casework/Millwork – 10/10/23 @ 3PM
Bid Category No. 08 – Flooring – 10/11/23 @ 10AM
Bid Category No. 09 – Epoxy Terrazzo – 10/11/23 @ 11AM
Bid Category No. 10 – Painting – 10/11/23 @ 1PM
Bid Category No. 11 – Aquatic Construction – 10/11/23 @ 2PM
Bid Category No. 12 – Fire Protection – 10/11/23 @ 3PM
Bid Category No. 13 – Plumbing – 10/12/23 @ 8AM
Bid Category No. 14 – HVAC – 10/12/23 @ 9AM
Bid Category No. 15 – Electrical & Technology – 10/12/23 @ 10AM

B. SPECIFICATION SECTION 00 31 00 BID FORM

1. DELETE in its entirety of this specification section and replace with 00 31 00 – BID FORM section included as part of this Addendum.

C. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

A. BID CATEGORY NO. 1 – GENERAL TRADES

Add the following specification section:

03 37 00 Stained and Sealed Concrete Floors

Add the following Clarification:

20. Bid Category No. 1 – General Trades Contractor is to provide and install all Gypcrete topping required by the contract documents.

C. BID CATEGORY NO. 5 – METAL STUDS, DRYWALL, AND ACOUSTICAL

Add the following clarifications:

9. Bid Category No. 5 – Metal Studs, Drywall, and Acoustical Contractor is responsible to provide and install all required wood blocking around windows and storefronts.
10. Bid Category No. 5 – Metal Studs, Drywall, and Acoustical Contractor is responsible for Drawing S102L Note 2 and detail 3/A503 Ramp overbuild framing, sheathing, and insulation. Including the required delegated design. Gypcrete by Bid Category No. 1 Contractor.

I. BID CATEGORY NO. 7 – MILLWORK/CASEWORK

Add the following clarification:

1. Bid Category No. 7 – Millwork/Casework Contractor is responsible for providing and installing the butcherblock countertops.

E. SPECIFICATION SECTION 01 21 00 ALLOWANCES

DELETE in its entirety of this specification section and replace with 01 21 00 – ALLOWANCES section included as part of this Addendum.

D. SPECIFICATION SECTION 01 23 00 – ALTERNATES

DELETE entirety of this specification section and replace with 01 23 00 – ALTERNATES section included as part of this Addendum.

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for CPCSC)

**Whiteland Community High School Addition
Phase 1: 3-Story and Natatorium Additions**
(Clark-Pleasant Community School Corporation)
(Johnson County, Indiana)

PART I

(To be completed for all bids. Please type or print)

Date (month, day, year): _____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid _____

Pursuant to notices given, the undersigned offers to furnish labor and/or materials necessary to complete the public works project of:

Insert Category No. (s) and Name(s)

Of public works project, Whiteland Community High School Addition Phase 1: 3-Story and Natatorium Additions, in accordance with Plans and Specifications prepared by Lancer Associates Architecture, 427 South College Ave., Suite 103, Indianapolis, IN 46203, as follows:

BASE BID

For the sum of _____
(Sum in words)

_____ DOLLARS (\$ _____)
(Sum in figures)

Receipt of Addenda No. (s) _____

Bidder agrees that this Bid shall remain in force for a period of sixty (60) consecutive calendar days from the due date, and Bids may be accepted or rejected during this period. Bids not accepted within said sixty (60) consecutive calendar days shall be deemed rejected.

Attended pre-bid conference YES _____ NO _____

Has visited the jobsite YES _____ NO _____

The Bidder has reviewed the Guideline Schedule in Section 01 32 00 and the intent
Of the schedule can be met. YES NO

Bidder has included their Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6. YES NO _____

The Skillman Corporation's diversity initiative is to create a program to encourage, assist and measure the active participation of Minority- Owned, Women-Owned, Veteran – Owned and Disabled Individual-Owned Businesses. The Program is to ensure that MWVDBEs are provided full and equal opportunity to participate in all Skillman Corporation's Projects.

Bidder has included:

DBE:	YES _____%	NO _____
MBE:	YES _____%	NO _____
WBE:	YES _____%	NO _____
VBE:	YES _____%	NO _____

The undersigned further agrees to furnish a bond or certified check with this Bid for an amount specified in the Notice to Bidders. If Alternate Bids apply, submit a proposal for each in accordance with the Plans and Specifications.

If additional units of material included in the contract are needed, the cost of units must be the same as that shown in the original contract if accepted by the governmental unit. If the bid is to be awarded on a unit bases, the itemization of the units shall be shown on a separate attachment.

The contractor and his subcontractors, if any, shall not discriminate against or intimidate any employee, or applicant for employment, to be employed in the performance of this contract, with respect to any matter directly or indirectly related to employment because of race, religion, color, sex, national origin, or ancestry. Breach of this covenant may be regarded as a material breach of the contract.

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS
(if applicable)

I, the undersigned bidder, or agent as a contractor on a public works project, understand my statutory obligation to use steel products made in the United States (I.C. 5-16-8-2). I hereby certify that I and all subcontractors employed by me for this project will use U.S. steel on this project if awarded. I understand that violations hereunder may result in forfeiture of contractual payments.

ALTERNATE BIDS

A blank entry or an entry of "No Bid", "N/A", or similar entry on any Alternate will cause the bid to be rejected as non-responsive only if that Alternate is selected. If no change in the bid amount is required, indicate "No Change".

****MARK "ADD" OR "DEDUCT" FOR EACH ALTERNATE****

Alternate Bid No. 1 – SUN SHADES: Provide Sun Shades above windows on the south side of the academic wing as shown on elevations along with any associated blocking and flashing elements. Base bid: no sun shades on the south side of the south side of the building

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$ _____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 2 – VIDEO BOARD: Provide video board on the north wall of the pool. Base bid: no video board on the north side of the board, provide conduit and wiring.

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$ _____) ADD
(sum in figures) DEDUCT

Alternate Bid No. 3 – AUTOMATED LOGIC CORPORATION DDC SYSTEM:

BASE BID: Include any of the approved manufacturers.

Alternate 03: If your base bid doesn't include **Distech with Niagara 4, installed by Jackson Systems and Supply**, please provide the cost for you to provide **Distech with Niagara 4, installed by Jackson Systems and Supply** in lieu of the controls contractor that you have included in your base bid.

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$ _____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 4: DOAS-1:

BASE BID: Furnished by Owner, received and installed by contractor.

ALTERNATE NO. 4A: Furnish DOAS-1 by Innovent. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 4B: Furnish DOAS-1 by Temtrol. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 4C: Furnish DOAS-1 by Trane. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 4D: Furnish DOAS-1 by VTS. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 4E: Furnish DOAS-1 by York. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 5: DOAS-2:

BASE BID: Furnished by Owner, received and installed by contractor.

ALTERNATE NO. 5A: Furnish DOAS-2 by Valent. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 5B: Furnish DOAS-2 by Daikin. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 5C: Furnish DOAS-2 by Trane. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 5D: Furnish DOAS-2 by Addison. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 5E: Furnish DOAS-2 by Aaon. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 6: DHU-1 and DHU-2:

BASE BID: Furnished by Owner, received and installed by contractor.

ALTERNATE NO. 6A: Furnish DHU-1 and DHU-2 by Innovent. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 6B: Furnish DHU-1 and DHU-2 by Seresco. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 6C: Furnish DHU-1 and DHU-2 by Poolpak. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$ _____)
(sum in figures) ADD
DEDUCT

ALTERNATE NO. 6D: Furnish DHU-1 and DHU-2 by Desert Aire. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$ _____)
(sum in figures) ADD
DEDUCT

ALTERNATE NO. 6E: Furnish DHU-1 and DHU-2 by Aaon. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$ _____)
(sum in figures) ADD
DEDUCT

ALTERNATE NO. 7: Water-to-air and water-to-water heat pumps:
BASE BID: Furnished by Owner, received and installed by contractor.

ALTERNATE NO. 7A: Furnish water-to-air and water-to-water heat pumps by Waterfurnace. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$ _____)
(sum in figures) ADD
DEDUCT

ALTERNATE NO. 7B: Furnish water-to-air and water-to-water heat pumps by Daikin. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$ _____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 7C: Furnish water-to-air and water-to-water heat pumps by Trane. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$ _____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 7D: Furnish water-to-air and water-to-water heat pumps by Climate Master. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$ _____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 7E: Furnish water-to-air and water-to-water heat pumps by York. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)
_____ DOLLARS (\$ _____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 8: CT-1 and CT-2:

BASE BID: Furnished by Owner, received and installed by contractor.

ALTERNATE NO. 8A: Furnish CT-1 and CT-2 by Evapco. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 8B: Furnish CT-1 and CT-2 by Marley. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 8C: Furnish CT-1 and CT-2 by BAC. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

ALTERNATE NO. 8D: Furnish CT-1 and CT-2 by Reymosa. Include performance selection, equipment drawings, and warranty information with bid.

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS (\$_____) ADD
(sum in figures) DEDUCT

PART II
(For projects of \$150,000 or more – IC 36-1-12-4)

These statements to be submitted under oath by each bidder with and as a part of his bid. (Attach additional pages for each section as needed.)

SECTION I EXPERIENCE QUESTIONNAIRE

1. What public works projects has your organization completed for the period of one (1) year prior to the date of the current bid?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

2. What public works projects are now in process of construction by your organization?

Contract Amount	Class of Work	Completion Date	Name and Address of Owner

3. Have you ever failed to complete any work awarded to you?_____If so, where and why?

4. List references from private firms for which you have performed work.

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1. Explain your plan or layout for performing proposed Work. (Examples could include a narrative of when you could begin, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)

2. Please list the names and addresses of all subcontractors (i.e. persons or firms outside your own firm who have performed part of the work) that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.

3. If you intend to sublet any portion of the work, state the name and addresses of each subcontractor, equipment to be used by the subcontractor, and whether you will required a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

4. What equipment do you have available to use for the proposed Project? Any equipment used by subcontractors may also be required to be listed by the governmental unit.

5. Have you into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which corroborate the process listed.

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

Attachment of Bidder's financial statement is mandatory. Any Bid submitted without said financial statement as required by statute shall thereby be rendered invalid. The financial statement provided hereunder to the governing body awarding the Contract must be specific enough in detail so that said governing body can make a proper determination of the Bidder's capability for completing the Project if awarded.

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

The undersigned Bidder or agent, being duly sworn on oath, says that he has not, nor has any other member, representative, or agent of the firm, company, corporation or partnership represented by him, entered into any combination, collusion or agreement with any person relative to the price to be bid by anyone at such letting nor to prevent any person from bidding nor to induce anyone to refrain from bidding, and that this Bid is made without reference to any other bid and without any agreement, understanding or combination with any other person in reference to such bidding.

He further says that no person or persons, firms, or corporations has, have, or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such contract.

SECTION 01 21 00 – ALLOWANCES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including amended General Conditions and other Division-1 Specification Sections, apply to work of this Section.

1.02 REQUIREMENTS INCLUDED

- A. The Specifications contain Allowances for particular items, methods of construction, quantities of materials, labor for certain items and these stated Allowances shall be included in the total lump sum bid price.
 - 1. Should the final amounts as determined from actual costs vary from these stated Allowances, the Contract price will be adjusted by Change Order as stated in the Conditions of the Contract.
 - 2. Under no circumstances shall work exceeding the stated Allowance amounts, proceed without a properly executed Change Order.
- B. A "Schedule of Allowances" showing amounts included in each prime Contract Sum, is included at the end of this Section.
- C. Product/Materials Allowance: At the earliest feasible date after award of Contract, advise the Architect and Construction Manager of scheduled date when final selection and purchase of each product or system described by each Allowance must be accomplished in order to avoid delays in performance of the Work.
 - 1. As requested by the Architect, obtain and submit proposals for the work of each Allowance for use in making final selection; include recommendations for selection which are relevant to the proper performance of the Work.
 - 2. Purchase products and systems as specifically selected (in writing) by the Architect.
 - 3. Submit proposals and recommendations, for purchase of products or systems of Allowances, in form specified for Change Orders.
 - 4. When requested, submit a substantiated survey of quantities of materials, as shown in the "Schedule of Values", revised where necessary, and corresponding with Change Order quantities.
 - 5. Amount of Allowance includes:
 - a. Net cost of product
 - b. Delivery to the site
 - c. Applicable taxes
 - 6. In addition to amount of Allowance, include in Bid, for inclusion in Contract Sum, Contractor's costs for:
 - a. Handling at site, including unloading, uncrating and storage
 - b. Protection from elements, from damage
 - c. Labor, installation and finishing

- d. Other expenses (e.g., testing, adjusting and balancing) required to complete installation
 - e. Overhead and profit
- D. Contingency Allowance: Contingency allowance shall be used only as directed for Owner's purposes. Proposal shall be submitted by Contractor for work requested in format similar to that required for Change Orders. Compensation to the Contractor for work requested utilizing this Allowance shall be for only Contractor's costs as defined by Paragraph 7.3.7 of the General Conditions, except no compensation shall be allowed for overhead and profit. At time of Project closeout, unused amounts remaining in contingency allowance shall be credited to Owner by Change Order.

PART 2 - PRODUCTS (Not Used)

PART 3 - EXECUTION

3.01 PRODUCT ALLOWANCE

- A. Bid Category No. 01 – General Trades (Project Signage) \$300,000
- B. Bid Category No. 15 – Electrical & Technology (PL1 NAT Light) \$350,000

3.02 CONTINGENCY ALLOWANCES

Allow a lump sum additional work required but not indicated on Drawings or reasonably anticipated.

A.	Bid Category No. 01 – General Trades (Undercut Unsuitable Soils)	\$150,000
	Bid Category No. 01 - General Trades	\$120,000
B.	Bid Category No. 02 – Masonry	\$25,000
C.	Bid Category No. 03 – Structural Steel/Misc Metals	\$25,000
D.	Bid Category No. 04 - Roofing	\$25,000
E.	Bid Category No. 05 – Metal Studs, Drywall & Acoustical	\$25,000
F.	Bid Category No. 06 – Curtainwall, Storefront & Glazing	\$20,000
G.	Bid Category No. 07 – Casework/Millwork	\$20,000
H.	Bid Category No. 08 - Flooring	\$20,000
I.	Bid Category No. 09 – Epoxy Terrazzo	\$20,000
J.	Bid Category No. 10 – Painting	\$20,000
K.	Bid Category No. 11 – Aquatic Construction	\$50,000
L.	Bid Category No. 12 – Fire Protection	\$10,000
M.	Bid Category No. 13 – Plumbing	\$40,000
N.	Bid Category No. 14 - HVAC	\$100,000
N.	Bid Category No. 15 – Electrical & Technology	\$100,000

END OF SECTION 01 21 00

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

- A. Drawings and general provisions of the Contract, including amended General Conditions and other Division 1 Specification Sections, apply to work of this Section.

1.02 PURPOSE

- A. The Bids for the Alternates described herein are required in order for the Owner to obtain information necessary for the proper consideration of the Project in its entirety.

1.03 ALTERNATES

- A. Definitions: Alternates are defined as alternate products, materials, equipment, installations or systems for the Work, which may, at Owner's option and under terms established by Instructions to Bidders, be selected and recorded in the Owner-Contractor Agreement to either supplement or displace corresponding basic requirements of Contract Documents. Alternates may or may not substantially change scope and general character of the Work; and must not be confused with "allowances", "unit prices", "change orders", "substitutions", and other similar provisions.

1.04 SCHEDULE OF ALTERNATES

- A. ALTERNATE NO. 1: SUN SHADES: Provide Sun Shades above windows on the south side of the academic wing as shown on elevations along with any associated blocking and flashing elements. Base bid: no sun shades on the south side of the south side of the building.
- B. ALTERNATE NO. 2: VIDEO BOARD: Provide video board on the north wall of the pool. Base bid: no video board on the north side of the board, provide conduit and wiring.
- C. ALTERNATE NO. 3: AUTOMATED LOGIC CORPORATION DDC SYSTEM:
BASE BID: Include any of the approved manufacturers.
Alternate 03: If your base bid doesn't include **Distech with Niagara 4, installed by Jackson Systems and Supply**, please provide the cost for you to provide **Distech with Niagara 4, installed by Jackson Systems and Supply** in lieu of the controls contractor that you have included in your base bid.

- D. ALTERNATE NO. 4: DOAS-1:
BASE BID: Furnished by Owner, received and installed by contractor.
ALTERNATE NO. 4A: Furnish DOAS-1 by Innovent. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 4B: Furnish DOAS-1 by Temtrol. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 4C: Furnish DOAS-1 by Trane. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 4D: Furnish DOAS-1 by VTS. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 4E: Furnish DOAS-1 by York. Include performance selection, equipment drawings, and warranty information with bid.
- E. ALTERNATE NO. 5: DOAS-2:
BASE BID: Furnished by Owner, received and installed by contractor.
ALTERNATE NO. 5A: Furnish DOAS-2 by Valent. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 5B: Furnish DOAS-2 by Daikin. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 5C: Furnish DOAS-2 by Trane. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 5D: Furnish DOAS-2 by Addison. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 5E: Furnish DOAS-2 by Aaon. Include performance selection, equipment drawings, and warranty information with bid.
- F. ALTERNATE NO. 6: DHU-1 and DHU-2:
BASE BID: Furnished by Owner, received and installed by contractor.
ALTERNATE NO. 6A: Furnish DHU-1 and DHU-2 by Innovent. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 6B: Furnish DHU-1 and DHU-2 by Seresco. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 6C: Furnish DHU-1 and DHU-2 by Poolpak. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 6D: Furnish DHU-1 and DHU-2 by Desert Aire. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 6E: Furnish DHU-1 and DHU-2 by Aaon. Include performance selection, equipment drawings, and warranty information with bid.
- G. ALTERNATE NO. 7: Water-to-air and water-to-water heat pumps:
BASE BID: Furnished by Owner, received and installed by contractor.
ALTERNATE NO. 7A: Furnish water-to-air and water-to-water heat pumps by Waterfurnace. Include performance selection, equipment drawings, and warranty information with bid.
ALTERNATE NO. 7B: Furnish water-to-air and water-to-water heat pumps by Daikin. Include performance selection, equipment drawings, and warranty information with bid.

ALTERNATE NO. 7C: Furnish water-to-air and water-to-water heat pumps by Trane. Include performance selection, equipment drawings, and warranty information with bid.

ALTERNATE NO. 7D: Furnish water-to-air and water-to-water heat pumps by Climate Master. Include performance selection, equipment drawings, and warranty information with bid.

ALTERNATE NO. 7E: Furnish water-to-air and water-to-water heat pumps by York. Include performance selection, equipment drawings, and warranty information with bid.

H. ALTERNATE NO. 8: CT-1 and CT-2:

BASE BID: Furnished by Owner, received and installed by contractor.

ALTERNATE NO. 8A: Furnish CT-1 and CT-2 by Evapco. Include performance selection, equipment drawings, and warranty information with bid.

ALTERNATE NO. 8B: Furnish CT-1 and CT-2 by Marley. Include performance selection, equipment drawings, and warranty information with bid.

ALTERNATE NO. 8C: Furnish CT-1 and CT-2 by BAC. Include performance selection, equipment drawings, and warranty information with bid.

ALTERNATE NO. 8D: Furnish CT-1 and CT-2 by Reymosa. Include performance selection, equipment drawings, and warranty information with bid.

PART 2 - PRODUCTS, PART 3 - EXECUTION (Not Used)

END OF SECTION 01 23 00

ADDENDUM NO. THREE

**PROJECT: CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
PHASE 1: 3-STORY AND NATATORIUM ADDITION**

PROJECT NUMBER: 22130

DATE OF ADDENDUM: September 26th, 2023



THIS ADDENDUM FORMS A PART OF THE CONTRACT DOCUMENTS AND IS ISSUED IN ACCORDANCE WITH THE INSTRUCTIONS TO BIDDERS. ACKNOWLEDGE RECEIPT OF THIS ADDENDUM BY SIGNING THE ADDENDUM ACKNOWLEDGMENT SECTION OF THE BID FORM.

QUESTIONS

Q1: Room j2300 has note 15 for solid surface tops but section 1/a501 calls out wood tops. Which is correct?

A: 2" BUTCHER BLOCK COUNTERTOP (WD-2) REFER TO FINISH LEGEND.

Q2: Science casework specs call for an inset design, this is not really done anymore. Will flush overlay be acceptable?

A: It's acceptable.

Q3: Science casework spec call for small format interchangeable core locks. Standard casework spec calls for standard locks. Will SFIC lock really be required?

A: Not require, casework to be keyed by room.

Q4: Science casework spec calls out 3 different type of fume hoods, can you clarify which type of hood you want us to provide.

A: See updated specs 12 53 00 2.07 in addendum 3

Q5: Please clarify what type of Axis table you are wanting included. Metal? Wood? What options are we to include?

A: See specs 12 53 00 1.00, 1.01, If contractor wants to substitute to something equal or better. The science station with epoxy top, laminate on the sides, and no automatic riser. Provide water, air and power to every science station.

Q6: Drawings show acid, flammable, google and fire blanket cabinets. These do not show up in the specs. Do I need to include them?

A: equipment provided by owner. Provide blocking as needed.

Q7: Plastic Lockers 2/a112 are shown 16"x16". This is not a valid size for lockers. They generally run on 3" increments. We would need to supply 15x15, 18x15 or 15x18 but this will change the layout and quantity of lockers in each room. Please clarify what size needs provided.

A: 15x15 is acceptable, contractor to provide shop drawings (Specs 10 50 00 1.3 C.)

Q8: I have a question relating to the gyp board ceilings in the Natatorium lockers rooms and soffits. The ceiling designation is GB-1 and there is also plan note #9 which calls out the ceilings as a "hard ceiling with G90 stud backup, use Permabase cement board or similar as sheathing." Permabase is similar to durock and I've never seen it used as a finished painted product. Is the permabase spackled and painted?

A: Change plan note #9 to "5/8" MOISTURE RESISTANT GYPSUM BOARD CEILING WITH G90 STUD BACKUP".

Q9: In these same general areas detail 5/A501 calls for moisture resistant drywall on the face of the drop under the Natatorium seating area. Does this drywall go on the horizontal soffit or just the vertical?

A: The moisture resistant drywall will continue horizontal soffit.

Q10: The glazing spec shows 2 insulated glass types.

1) The typical says VE2M HS/HS I would assume that to mean VE1-2M which is clear low E?

2) The pool glass says VUE26-50 That is Solar Blue with a reflective low E?

3) I am being told by my Viracon rep. The typical should say VE26-2M. That is Solar Blue with low E?

A: All the exterior glazing is VE26-2M except the Natatorium glazing which is VUE7-50.

Q11: We are bidding on the Epoxy flooring (Sherwin Williams) and Conc-1 for this renovation. I don't see a specification for the CONC-1. If you are bidding, can you find out what the spec is for CONC-1?

A: See Spec section 03 39 00- Concrete Sealing

Q12: What is the intent for stair railings?

1) Detail 3/A501 calls for aluminum railings

2) Detail 2 & 6/A501 calls for steel railings

3) Spec. Section 05 73 00 refers to PERFORATED ALUMINUM GUARDRAIL.

A: Steel handrail and guardrail throughout new construction except inside the pool use aluminum railings.

Q13: What is the intent for stair stringers?

- 1) Detail 2/A501 calls for channel stringers
- 2) Detail 6/A501 calls for 16x4 tube stringers

A: Changed stair stringers to 16x4 tube stringer, see addendum 3

Q14: Regarding Detail 4/A501. The Perforated Metal Risers requirements are not provided. Please provide otherwise we will assume this is to match pattern and thickness of guardrail material.

A: Use standard perforated metal by metal pan manufacturers.

Q15: The manufacturers of the glass have all come back to me regarding the 88000 Glazing spec 2.3 Security Glass. The specification calls for 5/16" annealed laminated glass. The max sqft for annealed laminated is 18sqft. A lot of monolithic and insulated glass exceeds 18sqft. This glass will require heat strengthened laminated glass. The manufacturers are also concerned about the insulated glass because with the inboard glass being annealed laminated. Shading, blinds, signs on the glass can cause heat buildup and break the glass. This is what I propose for 88000 2.3 Security Glass.

1) Single Pane 5/16" thick overall laminated glass. 1/8" heat strengthened glass, 0.060 interlayer, 1/8" heat strengthened glass.

2) Insulated Security Glass: Units include 5/16" thick overall laminated glass 1/8" heat strengthened, .060 interlayer, 1/8" heat strengthened, 1/2" air space, 1/4" tempered pane.

A: Proposal is acceptable. See updated specifications in addendum 3

Q16: It appears that the drawings and the specs are in conflict with the FORMED METAL WALL PANELS 074214. The specs show a MBCI 7.2 panels system, and the drawings show a MBCI designer series fluted panels system. Please see the attached documents. Could you confirm which product is needed?

A: The drawings are correct. MBCI DESIGNER SERIES FLUTED. LENGTH 8'-0" LONG 1/3 STAGGER" at the pool area.

Q17: Are image files and details available for the vinyl wall graphics and acrylic signs?

A: The signage contractor to work with the owner on the final designs. We will be involved in providing general concepts and guidance throughout. However, a lot of input will need to come from Whiteland and coordinating with their branding.

Q18: Concrete Floor Sealers:

1) Finish Plans list a floor finish CON-1 which cannot be found on list of finishes.

2) Section: 099100 Interior Painting has floor coatings listed but system cannot be found on list of finishes:

A: Conc-1 is sealed concrete. Disregard floor coatings in the 099100 Interior Painting.

Q19: Classroom Mechanical Closets:

1) Finishes are not indicated in mech closets is this correct?

A: yes, no wall paint but sealed concrete floor in the Mechanical Closets.

Q20: Are you able to see if there are any doors that are the Overhead Coiling Grill type?

A: No, we don't have Overhead Coiling Grill

Q21: clarification on the storm sewer pipe material referenced "PP pipe".

A: CrossRoad Engineers answer – the storm sewer labeled "PP pipe" refers to polypropylene pipe described in the Stormwater Conveyance technical specifications section 334200 (see Part 2-Products, 2.4)

Q22: Regarding the Solid Plastic Lockers, there are no dimensions listed in the bid documents. Please let us know the desired HxWxD.

A: 15x15x60

Q23: Specs list Athletic Lockers with lift up lid and open storage but notes on Plan Page A112 list Single and Double Tier Lockers. Please advise.

A: Provide vented door for single and double tier lockers.

Q24: Specs list solid plastic benches but notes on Plan Page A112 list concrete benches. Please advise.

A: Concrete benches in the pool locker room

Q25: Specs list NFPA 286 fire rated material but also list basis of design as Scranton Tufftec which is not NFPA 286 compliant. Please advise.

A: The school has a fire sprinkler system, the lockers do not need to meet NFP 286.

Q26: Specs call for Ventilation in the Doors. Our Lockers are already designed with Concealed/Perimeter Ventilation as cutting holes/vents can reduce both the structural integrity and theft proof properties. Please see attached and let me know if our Concealed Ventilation would be acceptable.

A: acceptable

Q27: We just noticed this Schluter metal profile called out by Elevation Note #2 on A751 Elevations. Shown between the wall tile and epoxy base. Schluter Dilex AHKA typically is used to provide a cove between the wall and floor transition. I pasted below images below showing what these looks like. As well as one of these areas shown on A751 where this is noted to be used.

I was thinking between the wall tile and epoxy base there would be a Schluter Jolly type profile needed. Similar to what's noted to be used at the top of these same walls by note #3.

Should the arrows for Note #2 be pointing at the epoxy base to floor transitions instead? If it is can you let me know if we're to provide the Schluter Jolly metals mentioned previously between the wall tile and epoxy base or if that should be provided by the epoxy contractor?

A: Yes, please provide Schluter Jolly where tile meets the top of the epoxy cove base.

They are correct. The Schluter Dilex profile would not work well in this application, it should be Jolly on both ends of the tile.

Q28: detail 9/A142, is the gutter being fastened to the face of the parapet wall?

A: It's scupper. See updated roof detail in addendum 3

Q29: Detail 9/A143, what is the wall type/finish of the existing wall that we are flashing too?

A: Metal panel over metal stud. Contractor to field verify the exact wall composition.

Q30: Detail 6/A142, what is the wall type/finish of the existing wall that we are flashing too?

A: masonry over CMU. Contractor to field verify the exact wall composition.

Q31: Detail 12/A142, what is the wall type/finish of the existing wall that we are flashing too?

A: Masonry over CMU. Contractor to field verify the exact wall composition.

Q32: drawing 5/A143, is the blocking new or existing, shown on the existing roof? If new, we will need to remove the existing roof to accommodate install of the wood nailer.

A: new blocking, remove roof as needed.

Q33: Spec Section 075419, 2.2, I, states that the wood blocking needs to be treated for fire and rot resistance. Spec Section 061053 Rough Carpentry references Fire Treated for interior application only. Does the exterior roof blocking need to be Fire Treated?

A: No

Q34: Typical jamb detail 2 on A502. The storefront terminates to the wood blocking. It shows no vapor barrier between the window and the wood. We cannot perimeter seal to the wood. Typical jamb 4 on A503 is the same.

A: See updated typical window detail in addendum 3

Q35: Typical 1st floor head condition detail 2 on A504. The storefront window terminates to the wood blocking.

A: Use a similar detail as updated jamb detail.

Q36: Typical 2nd floor head condition detail 1 on A505. Same

A: Use a similar detail as updated jamb detail.

Q37: Typical 3rd floor head condition detail 2 on A505. Same

A: Use a similar detail as updated jamb detail.

Q38: All of the details show aluminum trim covering up the void at the wood. How are we supposed to make the corner between the head and jamb? We could miter it but how do we seal it?

A: See updated typical window detail in addendum 3

Q39: We cannot seal to the wood. We cannot seal to the angle trim. The openings will leak either immediately or at some point.

A: See update typical window detail in addendum 3

Q40: Should we include Aggregate Piers for the Unit A boiler room? If so, will equipment be able to tram to that work area.

A: Aggregate piers not required for Unit A.

Q41: the finish plans show the restroom wall tile opposite of what the elevations show. On A751 Elevations - Group Restroom Elevations show WT1 @ toilet wall & WT2 @ Sink wall. Single User Elevations Show WT1. Then most finish plans show WT2 @ toilet wall & WT1 @ Sink Wall and single user most show WT2 though some show WT1. Can you please let me know which is correct? WT2 is a higher priced tile vs WT1.

A: The typical elevations for the group restrooms and single user restrooms on sheet A751 are shown correctly and respective restrooms should be tiled accordingly:

Group Restrooms – WT-1 (Arctic white) on toilet wall; WT-2 (Seabreeze Blue) on sink wall
Single User Restroom – WT-1 (Arctic white) on wet wall

Q42: Should we include Aggregate Piers for the Unit D canopy? If so, will equipment be able to tram to that work area.

A: Aggregate piers not required for Unit D.

Q43: There are several column foundations being added to the existing building. Our installation equipment cannot work within 5 feet of existing walls. Can these foundation be enlarged to eliminate the need for RAP support or can they be enlarged to allow for installation of piers?

A: Aggregate piers are not required for footings directly adjacent the existing structure. Footings have already been designed to bear on unimproved soils.

Q44: We need a clarification on the height of the B6 and B8 column wraps in the natatorium area of Units L & M along the north, west and south walls beyond the second floor seating line. Wall types B6 & B8 are indicated to extended to deck but based on the elevations on sheet A753 it appears the B6 column wraps stop at 26' AFF and the two B8 wraps stop at 28' AFF. Is that correct or should these column wraps extend to deck. Can please get confirmation on this?

A: sheet A753 is correct.

SPECIFICATIONS

1. Add Spec Section 03 37 00 Stained and Sealed Concrete Floors to the table of contents, add the spec section to the specifications in its entirety (see attached)
2. Spec Section 07 27 26 Air-Water Resistive Barrier:
 - a. Add W.R. Meadows to 2.1.A as an approved equal.
3. Spec Section 07 42 14 Corrugated Wall Panels:
 - a. Changed 2.2 C. 1 to "Basis-of-Design Product: Subject to compliance with requirements, provide MBCI; Designer Series Fluted or comparable product by one of the following."
4. Spec Section 07 95 13 Expansion Joint Covers:
 - a. Add ENBW - SERIES to 2.1.A as an approved equal.
5. Spec Section 13 11 00 SWIMMING POOLS:
 - a. Add Poseidon Drowning Detection System to 2.22.A as an approved equal.
6. Spec section 08 80 00 Glazing:
 - a. Changed 2.3 SECURITY GLASS to:
 - A. Single Pane 5/16" thick overall laminated glass. 1/8" heat strengthened glass, .060 interlayer, 1/8" heat strengthened glass.

- B. Insulated Security Glass: Units include 5/16" thick overall laminated glass 1/8" heat strengthened, .060 interlayer, 1/8" heat strengthened, 1/2" air space, 1/4" tempered pane.
 - b. Changed 2.4 B. 3 to "Typical Locations: 1 inch thick tempered equal to Viracon VE2M HS/HS."
 - c. Changed 2.4 B. 4 to "Pool Locations: 1 inch thick tempered equal to Viracon VUE26-50."
- 7. Spec Section 09 77 13 ACOUSTICAL FABRIC PANELS:
 - a. Add Fabric Wall by G&S Acoustics to 2.1.A as an approved equal.
- 8. Spec Section 10 99 10 Display Cases:
 - a. Add Platinum Visual Systems to 2.1.A as an approved equal if the Glass Board product meets the 2.9 A.3. Back-Painted Color to match PPG1244-7 Florentine Lapis (PT-4)
- 9. Spec Section 12 24 00 Sun Shades:
 - a. Add Construction Specialties to 2.1.A as an approved equal.
- 10. Spec Section 12 53 00 Science Casework:
 - a. Changed 2.07 Fume Hoods to:
- A. Labconco Basic 47 Laboratory Hood system.
 - 1. Constructed of powder-coated steel. Provide 4 foot widths.
 - 2. Weight: 370 lbs.
 - a. Dimensions: 47 inch w x 25 inch d x 53 h.
 - b. Electrical: 220 volts, 50 Hz, 5.6 amps.
 - 3. Integral blower.
 - a. Lighting: Incandescent.
 - 4. Style: Provide with bench.
 - 5. Additional design requirements:
 - a. By pass airflow design, 16 gauge steel exterior, tempered safety glass, two piece baffle, removable front panel, factory prepared to accept service fixtures, powder coated steel exhaust.
 - b. Provide explosion proof light and blower.
 - c. Provide electrical receptacle kits and cupsink and turret kits.
 - 6. Hoods shall conform to the requirements of ASHRAE 110-95.
 - 7. Hoods shall be in compliance with UL1805.



DRAWINGS REVISIONS:

1. Drawing Number: G000
Drawing Title: COVER - VOLUME 1
Revision:

Change Project Directory Construction Manager to below:
THE SKILLMAN CORPORATION
3834 S. EMERSON AVE.
INDIANAPOLIS, IN 46203

PHONE: 317/650-5367
CONTACT: JEREMY PUTNAM

2. Drawing Number: G001
Drawing Title: COVER - VOLUME 2
Revision:

Change Project Directory Construction Manager to below:
THE SKILLMAN CORPORATION
3834 S. EMERSON AVE.
INDIANAPOLIS, IN 46203

PHONE: 317/650-5367
CONTACT: JEREMY PUTNAM

3. Drawing Number: LS001
Drawing Title: LIFE SAFETY PLAN -FIRST FLOOR
Revision:

Revised LIFE SAFETY SUMMARY

Changed start to end of LONGEST PATH OF TRAVEL

4. Drawing Number: LS002
Drawing Title: LIFE SAFETY PLAN -SECOND FLOOR
Revision:

Revised LIFE SAFETY SUMMARY

Revised Whiteland High School – Project X, Exit Calculations

Changed start to end of LONGEST PATH OF TRAVEL

5. Drawing Number: LS003
Drawing Title: LIFE SAFETY PLAN -THIRD FLOOR
Revision:

Revised LIFE SAFETY SUMMARY

Changed start to end of LONGEST PATH OF TRAVEL

6. Drawing Number: L601
Drawing Title: Site Details
Revision:

Detail 01: Detail was modified to show a 6" curb face reveal.

Detail 08: Detail was previously reflected in C-Series sheets. Now added to L-Series sheets for continuity amongst similar curbing and flatwork details.

7. Drawing Number: S102AGH
Drawing Title: EX. JOIST REINFORCING PLAN AND DETAILS
Revision:

Added plan and details for joist reinforcing in the existing building, specifically Units A, G, & H.

8. Drawing Number: A002
Drawing Title: REFLECTED CEILING PLAN - FIRST FLOOR - UNIT L
Revision:

Change 1/A002 GB-1 ceiling types note to "INSIDE THE POOL AND POOL LOCKER ROOMS USE G90 STUDS AND 5/8" MOISTURE RESISTAN GYPSUM BOARD WITH POOL ENCLOSURE COATING OR SIMILAR."

9. Drawing Number: A121L
Drawing Title: REFLECTED CEILING PLAN - FIRST FLOOR - UNIT L
Revision:

Change plan note #9 to "5/8" MOISTURE RESISTAN GYPSUM BOARD CEILING WITH G90 STUD BACKUP"

10. Drawing Number: A142
Drawing Title: ROOF DETAILS
Revision:
Revised Roof Detail 9/A142.

11. Drawing Number: A501
Drawing Title: DETAILS
Revision:

Changed 2/A501 note to "16X4 TUBE STRINGER"
Changed 4/A501 note to "16X4 TUBE STRINGER,
PAINTED"

12. Drawing Number: A503
Drawing Title: DETAILS
Revision:

Revised Roof Detail 4/A503.

13. Drawing Number: A504
Drawing Title: DETAILS
Revision:

Revised Roof Detail 2/A504 & 3/A504.

14. Drawing Number: A505
Drawing Title: DETAILS
Revision:

Revised Roof Detail 1/A505 & 2/A505.

15. Drawing Number: A721J
Drawing Title: INTERIOR FINISH PLAN – FIRST FLOOR – UNIT J
Revision:

Change finish plan keynote #4 to "PROVIDE WT-1 AT THIS LOCATION, FLOOR TO CEILING, VERTICALLY STACKED. REFER TO INTERIOR ELEVATIONS SHEET A751." (Applies to all finish plan sheets)

Change finish plan keynote #5 to "PROVIDE WT-2 AT THIS LOCATION, FLOOR TO CEILING, VERTICALLY STACKED. REFER TO INTERIOR ELEVATIONS SHEET A751." (Applies to all finish plan sheets)

16. Drawing Number: A722J
Drawing Title: INTERIOR FINISH PLAN – SECOND FLOOR – UNIT J
Revision:

Change finish plan keynote noted in staff restrooms "STAFF RR" J206 and "STAFF RR" J208 to be finish plan keynote #4.

17. Drawing Number: A722L

Drawing Title: INTERIOR FINISH PLAN – SECOND FLOOR – UNIT L

Revision:

Change finish plan keynote noted in family restroom “FAMILY RR” L210 to finish plan keynote #4.

Change wall finish in “FAMILY RR” L210 to PT-2.

18. Drawing Number: A731

Drawing Title: INTERIOR TRANSITION DETAILS

Revision:

Add PRECAST TERRAZZO WALL BASE detail 16/A731.

19. Drawing Number: A751

Drawing Title: INTERIOR ELEVATIONS

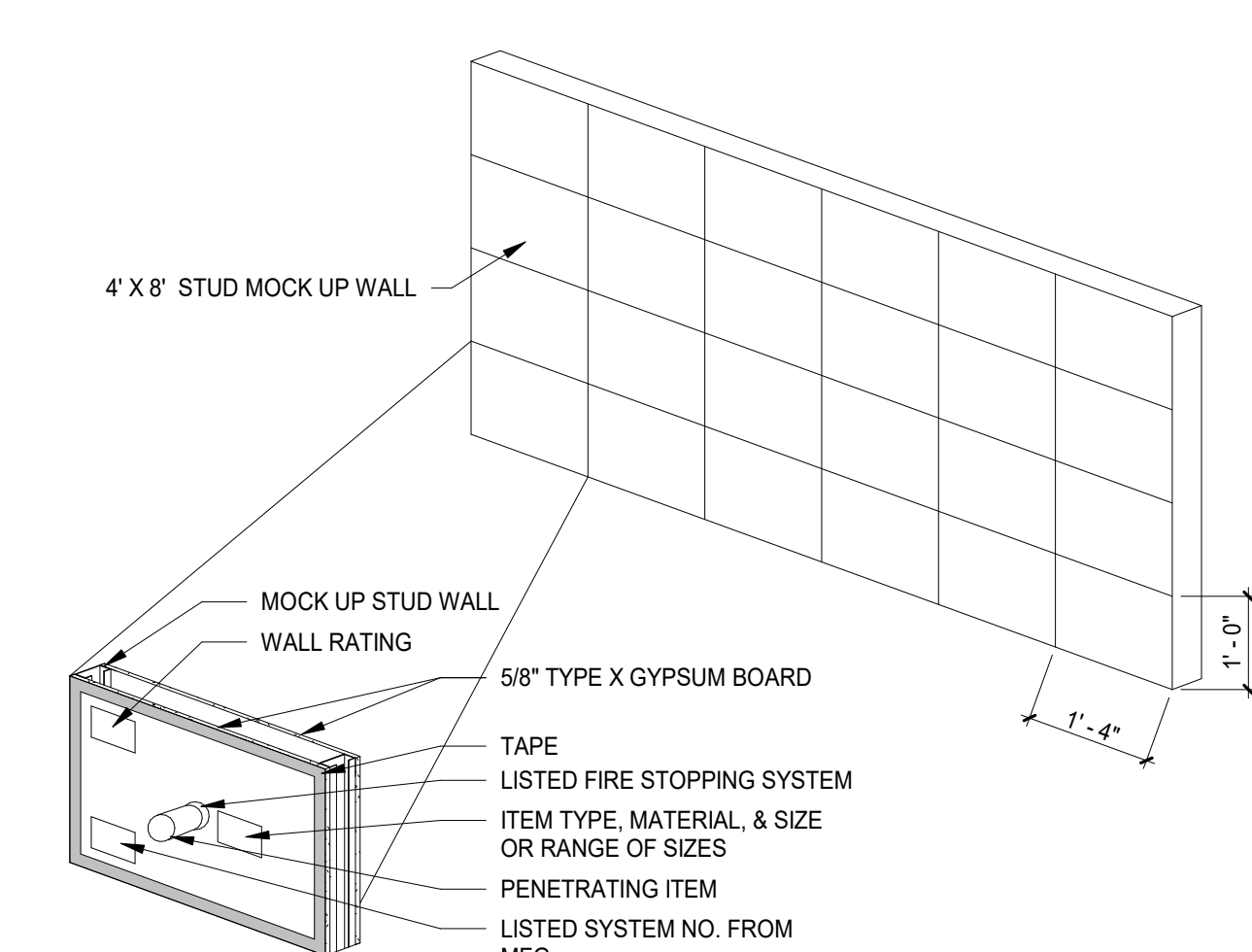
Revision:

Change interior elevation keynote #2 to “1/4” SATIN ANODIZED ALUMINUM FINISH, SCHLUTER JOLLY TRIM – WALL BASE/WALL TRANSITION”.

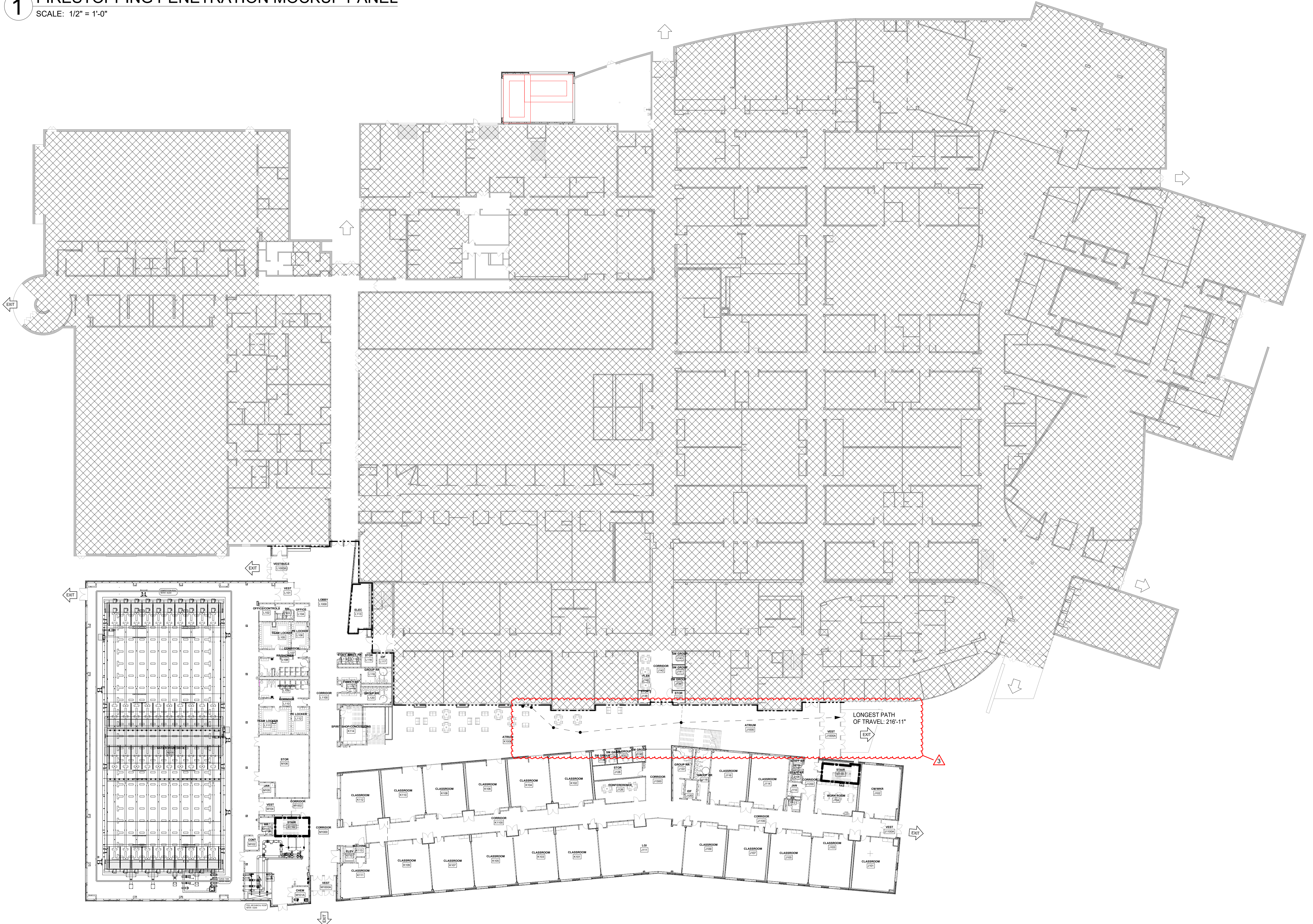
Change interior elevation keynote #6 to “1/4” SATIN ANODIZED ALUMINUM FINISH, SCHLUTER JOLLY TRIM – WALL /WALL TRANSITION”.

Attachments: CrossRoad Engineers Narrative, 301, 302, 400, 500, 501, 1000, LS001, LS002, LS002, L601, S102AGH, A503, A504, A505, A731, Primary Engineering Narrative, P002, P100M, P101AGH, P101M, P403, P501, P504, E201M, E601, E701, E705, Design27 Narrative

End of Addendum 3



1 FIRESTOPPING PENETRATION MOCKUP PANEL
SCALE: 1/2" = 1'-0"



2 OVERALL FIRST FLOOR PLAN
SCALE: 1" = 30'-0"

LIFE SAFETY SUMMARY

Whiteland High School

Applicable Codes:
2014 Indiana Building Code
2014 Indiana Mechanical Code
2012 Indiana Plumbing Code
2009 Indiana Electrical Code
2010 Indiana Energy Conservation Code
2014 Indiana Fire Code
ICC/ANSI A-117.1 Standard, 2009 Edition
General Administrative Rules (GAR)

Scope of Project:
The project scope includes construction of a 3-story classroom wing, and renovation of a small portion of the existing building. The addition will have 82,127 sq ft on the 1st floor, 48,911 sq ft on the 2nd floor, and 39,560 sq ft on the 3rd floor. The addition will include a 3-story atrium adjoining the existing 2-story building. Renovation of the existing building will involve 3,380 sq ft on the 1st floor and 2,105 sq ft on the 2nd floor.

Variance Approvals 23-07-48:
To permit the exterior wall of the existing building with non-rated openings to separate the addition in lieu of a 4-hour fire wall
To not provide a smoke control system for the atrium
To permit the 1st floor of the addition to exceed allowable area for Type IIB Construction
To omit sprinklers over the pool
To permit egress travel distance from the existing building to exceed code limit

Occupancy Classifications:
Educational use areas for high school students
- E Occupancy [303.1]
Assembly uses accessory to Group E are not considered separate occupancies [303.1.3]
Office - accessory occupancy less than 10% of the building area
- B Occupancy [304.1, 508.2]

Construction Type:
Type IIB (noncombustible, unprotected) Construction - variance to be requested for 1st floor of the addition
Existing building is Type IIB Construction to remain
Tabular Area: 14,500 sf Table 503
Frontage Increase: + 5,500 sf 506.2
Sprinkler Increase: - 22,000 sf 506.3
Allowable Area per floor: 49,000 sf
Actual Area per floor: 82,127 sf - 1st floor
48,911 sf - 2nd floor
39,560 sf - 3rd floor

Allowable Height:
3 stories permitted for Classroom Wing [504.2]

Fire Wall:
Variance approved to permit the exterior wall of the existing building with non-rated openings to separate the addition in lieu of a 4-hour fire wall [706, 506.2.2]

Occupancy Separations:
Occupancy separations not required, based upon classification of assembly uses accessory to an educational occupancy as E Occupancy areas [303.1.3]
B Occupancy office areas are not required to be separated based upon compliance as accessory occupancy [508.2]

Building Elements - Fire-resistive Requirements
Building elements, including structural frame and roof are permitted to be of noncombustible, unprotected construction [Table 601]
Exterior walls of the additions are permitted to be nonrated, noncombustible, since having at least 10 feet of fire separation distance [Table 502]

Floor Openings and Penetrations, and Shafts:
Interior exit stairways connecting 3 floors are required to be enclosed with 1-hour fire barriers [1022.2]
Exit access stairways in the atrium are permitted to be unenclosed [1009.3, etc. 5]
Ducts are permitted to connect up to 2 floor levels where floors are nonrated without shaft protection, where the annular space is filled with a noncombustible material [717.6.3]
Ducts connecting 3 floor levels are required to be enclosed in a 1-hour shaft, or be provided with a fire damper at each floor level [717.6.3]
Noncombustible penetrating items (excluding ducts) are permitted to connect 3 floor levels where floors are nonrated without shaft protection, where the annular space is filled with a noncombustible material [714.4.2.1]

Incidental Use Separations:
Walls (non-rated) for these areas are required to terminate at the deck, with self-closing doors
- Science rooms containing any hazardous materials
- Boiler and furnace rooms with equipment sized as indicated in Table 509 [Table 509, Sec. 509.4.2]
Fire and/or smoke dampers are not required in duct penetrations of these non-rated separations

Fire Dampers:
Fire dampers are required at duct penetrations of fire-rated shafts and at duct penetrations of fire barriers required to have more than a 1-hour fire rating [717.5]

Occupant Load Factors
Pool deck, assembly spaces 15 sf per occupant
Classrooms 20 sf per occupant
Labs/Pool surface 50 sf per occupant
Office 100 sf per occupant
Storage/Mechanical 300 sf per occupant

Egress Corridors:
Egress corridors throughout the building are permitted to be nonrated based upon automatic sprinkler protection [1018.1]

Panic Hardware:
Panic hardware is required on all means of egress doors serving an occupant load of 50 or more [1008.1.10]

Egress Travel Distance:
The maximum travel distance to an exterior exit is permitted to be a maximum of 220 feet [1016.2]

Automatic Sprinklers:
Automatic sprinklers are required throughout, based upon an E Occupancy fire area exceeding 12,000 sf - sprinklers will be provided throughout the building [903.2.3]

Standpipes:
Class I standpipes required in the 3-story addition, based upon having a floor level located more than 30 feet above the level of fire department vehicle access [905.3.1]
The system is permitted to be a manual-wet system, with fire department pumper providing the pressure for the system

Fire Alarm System:
Fire alarm system required [907.2.3]
Manual pull stations are not required based upon initiation of the alarm system by sprinkler water flow

Smoke Detectors:
Smoke detectors are required for HVAC shutdown for systems delivering in excess of 2,000 cfm [908.1, IMC]
Smoke detection will be provided in the atrium [404]

Maximum Egress Travel Distance = 217 Feet

EXIT

EXIT / EXIT ACCESS

NOT IN SCOPE OF WORK

2 HOUR FIRE-RATED WALL

1 HOUR FIRE-RATED WALL

SMOKE RESISTIVE WALL PER VARIANCE

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184

REVISIONS:

#	Date	Desc.
3	09/26/2023	ADDENDUM 03

100% CONSTRUCTION DOCUMENT

PROJECT: #22130

DATE: 08-11-2023

DRAWN BY: Author

LIFE SAFETY PLAN - FIRST FLOOR

LS001

Whiteland High School - Project X											
EXIT CALCULATIONS - 2008 INDIANA BUILDING CODE											
Floor Or Location	Occupancy Use	Area (Sq. feet)	Occ Load (S.F./Person)	Total No. Persons	Feet Of Exit Width Required				Feet Of Exit Width Provided		
					(Inch/Pers)	Stairs	(Inch/Pers)	Doors	Stairs	Horiz.	Doors
3 rd Floor	Classrooms	18,168	20	909							
	Labs	5,167	50	104							
	Conference	565	15	38							
	Mech/Storage	3,229	300	11							
	TOTAL			1,062	0.2	17.70	0.15	13.28	32.19	-	30.94
2 nd Floor	Classrooms	24,554	20	1,228							
	Conference	3,831	15	256							
	Pool Seating ^a	720	Fixed	720							
	Mech/Storage	1,480	300	5							
	TOTAL			2,209	0.2	36.8	0.15	27.6	39.8	-	31.79
1 st Floor	Classrooms	21,108	20	1,056							
	Conf/Seating	2,709	15	139							
	Office	227	100	3							
	Locker Rooms	717	50	15							
	Kitch./Commercial	377	200	2							
	Swimming Pool	13,037	50	261							
	Pool Deck	10,267	15	685							
	Mech/Storage	4,357	300	15							
	TOTAL			2,176	-	-	0.15	27.2	-	-	59.88

LIFE SAFETY SUMMARY

Whiteland High School

Applicable Codes:

2014 Indiana Building Code
2014 Indiana Mechanical Code
2012 Indiana Plumbing Code
2009 Indiana Electrical Code
2010 Indiana Energy Conservation Code
2014 Indiana Fire Code
ICC/ANSI A-117.1 Standard, 2009 Edition
General Administrative Rules (GAR)

Scope of Project:

The project scope includes construction of a 3-story classroom wing, and renovation of a small portion of the existing building. The addition will have 82,127 sq ft on the 1st floor, 48,911 sq ft on the 2nd floor, and 39,560 sq ft on the 3rd floor. The addition will include a 3-story atrium adjoining the existing 2-story building. Renovation of the existing building will involve 3,380 sq ft on the 1st floor and 2,105 sq ft on the 2nd floor.

Variance Approvals 23-07-48:

- To permit the exterior wall of the existing building with non-rated openings to separate the addition in lieu of a 4-hour fire wall
- To not provide a smoke control system for the atrium
- To permit the 1st floor of the addition to exceed allowable area for Type IIB Construction
- To omit sprinklers over the pool
- To permit egress travel distance from the existing building to exceed code limit

Occupancy Classifications:

Educational use areas for high school students
- E Occupancy [905.1]
Assembly uses accessory to Group E are not considered separate occupancies [303.1.3]
Office - accessory occupancy less than 10% of the building area
- B Occupancy [304.1, 508.2]

Construction Type:

Type IIB (noncombustible, unprotected) Construction - variance to be requested for 1st floor of the addition
Existing building is Type IIB Construction to remain
Tabular Area: 14,500 sf Table 503
Frontage Increase: + 5,500 sf 506.2
Sprinkler Increase: + 29,000 sf 506.3
Allowable Area per floor: 49,000 sf
Actual Area per floor: 82,127 sf - 1st floor
48,911 sf - 2nd floor
39,560 sf - 3rd floor

Allowable Height:

3 stories permitted for Classroom Wing [504.2]

Fire Wall:

Variance approved to permit the exterior wall of the existing building with non-rated openings to separate the addition in lieu of a 4-hour fire wall [706, 506.2.2]

Occupancy Separations:

Occupancy separations not required, based upon classification of assembly uses accessory to an educational occupancy as E Occupancy areas [303.1.3]

B Occupancy office areas are not required to be separated based upon compliance as accessory occupancy [508.2]

Building Elements - Fire-resistive Requirements

Building elements, including structural frame and roof are permitted to be of noncombustible, unprotected construction [Table 601]

Exterior walls of the additions are permitted to be nonrated, noncombustible, since having at least 10 feet of fire separation distance [Table 602]

Floor Openings and Penetrations, and Shafts:

Interior exit stairways connecting 3 floors are required to be enclosed with 1-hour fire barriers [1022.2]
Exit access stairways in the atrium are permitted to be unenclosed [1029.3, exc. 5]
Ducts are permitted to connect up to 2 floor levels where floors are nonrated without shaft protection, where the annular space is filled with a noncombustible material [717.5.3]
Ducts connecting 3 floor levels are required to be enclosed in a 1-hour shaft, or be provided with a fire damper at each floor level [717.6.3]
Noncombustible penetrating items (excluding ducts) are permitted to connect 3 floor levels where floors are nonrated without shaft protection, where the annular space is filled with a noncombustible material [714.4.2.1]

Incidental Use Separations:

Walls (non-rated) for these areas are required to terminate at the deck, with self-closing doors
- Science rooms containing any hazardous materials
- Boiler and furnace rooms with equipment sized as indicated in Table 509 [Table 509, Sec. 509.4.2]
Fire and/or smoke dampers are not required in duct penetrations of these non-rated separations

Fire Dampers:

Fire dampers are required at duct penetrations of fire-rated shafts and at duct penetrations of fire barriers required to have more than a 1-hour fire rating [717.5]

Occupant Load Factors:

Pool deck, assembly spaces 15 sf per occupant
Classrooms 20 sf per occupant
Labs/Pool surface 50 sf per occupant
Office 100 sf per occupant
Storage/Mechanical 300 sf per occupant

Egress Corridors:

Egress corridors throughout the building are permitted to be nonrated based upon automatic sprinkler protection [1018.1]

Panic Hardware:

Panic hardware is required on all means of egress doors serving an occupant load of 50 or more [1008.1.10]

Egress Travel Distance:

The maximum travel distance to an exterior exit is permitted to be a maximum of 220 feet [1016.2]

Automatic Sprinklers:

Automatic sprinklers are required throughout, based upon an E Occupancy fire area exceeding 12,000 sf - sprinklers will be provided throughout the building [903.2.3]

Standpipes:

Class 1 standpipes required in the 3-story addition, based upon having a floor level located more than 30 feet above the level of fire department vehicle access [905.3.1]
The system is permitted to be a manual-wet system, with fire department pumper providing the pressure for the system

Fire Alarm System:

Fire alarm system required [907.2.3]
Manual pull stations are not required based upon initiation of the alarm system by sprinkler water flow

Smoke Detectors:

Smoke detectors are required for HVAC shutdown for systems delivering in excess of 2,000 cfm [906.1, IMC]
Smoke detection will be provided in the atrium [404]

Maximum Egress Travel Distance = 228 Feet

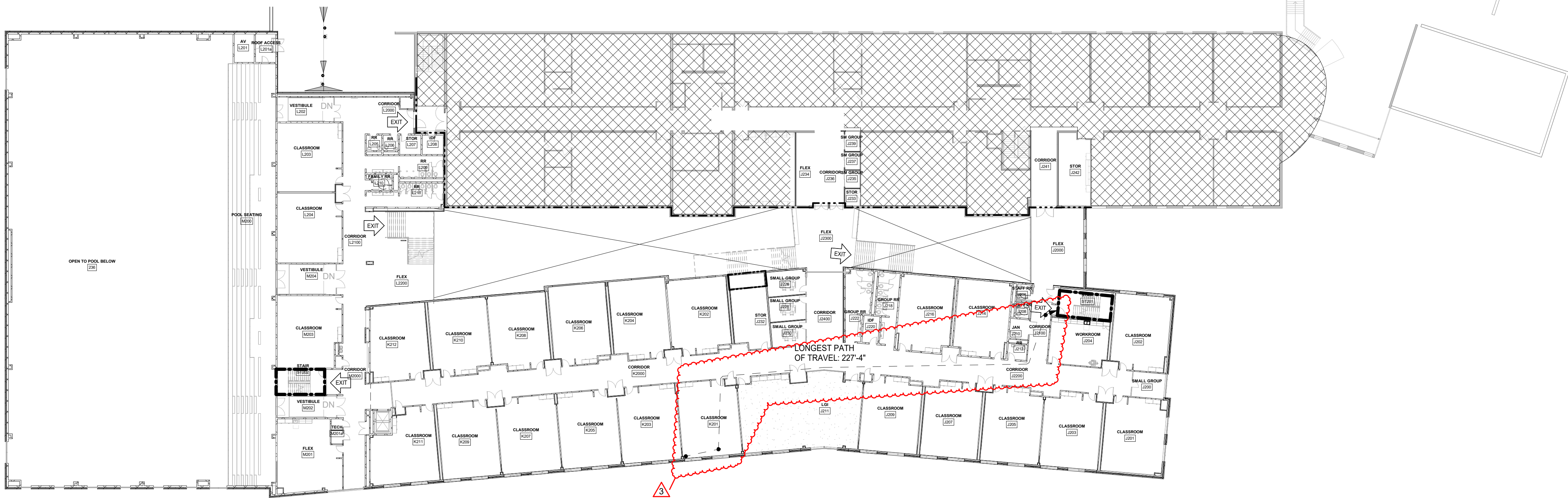
EXIT / EXIT ACCESS

NOT IN SCOPE OF WORK

2 HOUR FIRE-RATED WALL

1 HOUR FIRE-RATED WALL

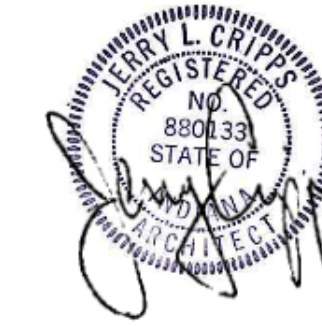
SMOKE RESISTIVE WALL PER VARIANCE



1 LIFE SAFETY SECOND FLOOR

SCALE: 1" = 30'-0"

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184



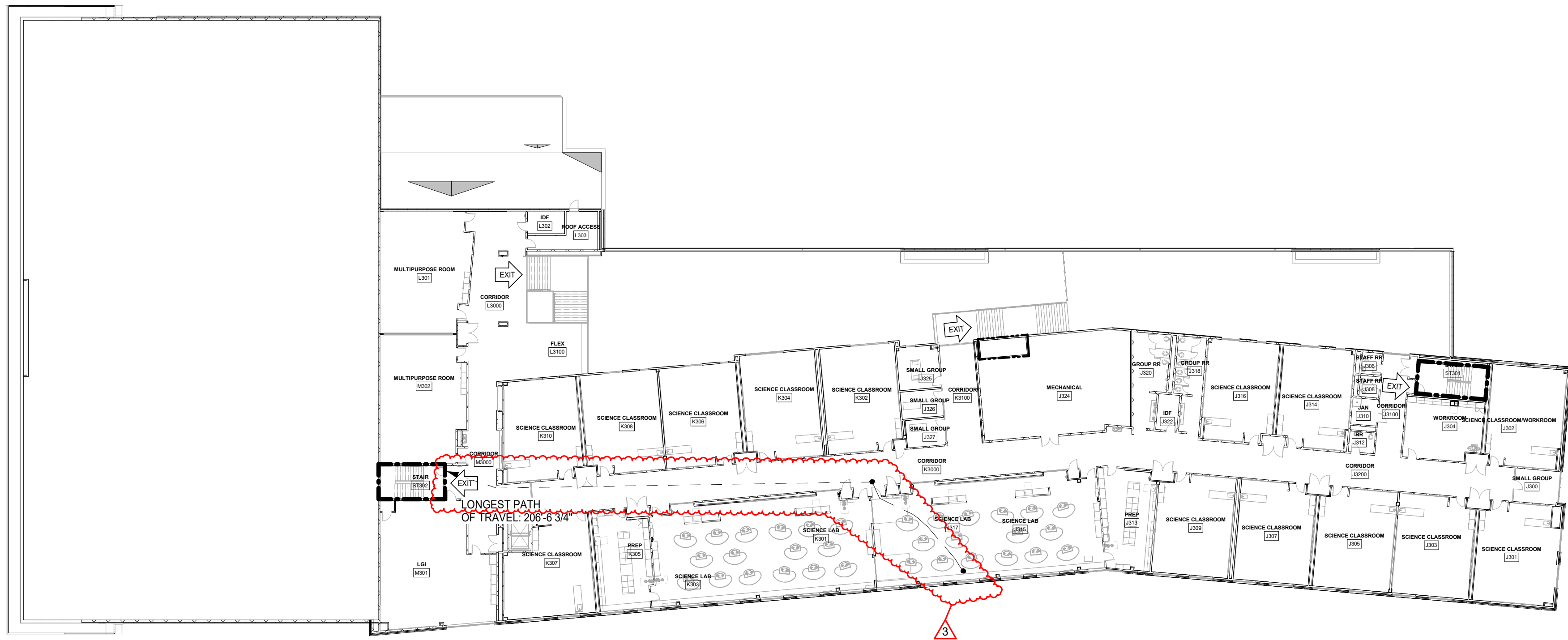
REVISIONS:		
#	Date	Desc.
3	09/28/2023	ADDENDUM 03

100% CONSTRUCTION DOCUMENT

PROJECT: #22130
DATE: 08-11-2023
DRAWN BY: Author

LIFE SAFETY
PLAN - SECOND
FLOOR

LS002



1 LIFE SAFETY THIRD FLOOR
SCALE: 1" = 30'-0"

LIFE SAFETY SUMMARY

Whiteland High School

Applicable Codes:

2014 Indiana Building Code
2014 Indiana Mechanical Code
2012 Indiana Plumbing Code
2009 Indiana Electrical Code
2010 Indiana Energy Conservation Code
2014 Indiana Fire Code
ICC/ANSI A-117.1 Standard, 2009 Edition
General Administrative Rules (GAR)

Scope of Project:

The project scope includes construction of a 3-story classroom wing, and renovation of a small portion of the existing building. The addition will have 82,127 sq ft on the 1st floor, 48,911 sq ft on the 2nd floor, and 39,560 sq ft on the 3rd floor. The addition will include a 3-story atrium adjoining the existing 2-story building. Renovation of the existing building will involve 3,380 sq ft on the 1st floor and 2,105 sq ft on the 2nd floor.

Variance Approvals 23-07-48:

- To permit the exterior wall of the existing building with non-rated openings to separate the addition in lieu of a 4-hour fire wall
- To not provide a smoke control system for the atrium
- To permit the 1st floor of the addition to exceed allowable area for Type IIB Construction
- To omit sprinklers over the pool
- To permit egress travel distance from the existing building to exceed code limit

Occupancy Classifications:

- Educational use areas for high school students
- E Occupancy [305.1]
- Assembly uses accessory to Group E are not considered separate occupancies [303.1.3]
- Office - accessory occupancy less than 10% of the building area
- B Occupancy [504.1, 508.2]

Construction Type:

Type IIB (noncombustible, unprotected) Construction - variance to be requested for 1st floor of the addition
Existing building is Type IIB Construction to remain
Tabular Area: 14,500 sq ft Table 503
Frontage Increase: + 5,500 sq ft 506.2
Sprinkler Increase: + 29,000 sq ft 506.3
Allowable Area per floor: 49,000 sq ft
Actual Area per floor: 82,127 sq ft - 1st floor
48,911 sq ft - 2nd floor
39,560 sq ft - 3rd floor

Allowable Height:

3 stories permitted for Classroom Wing [504.2]

Fire Wall:

Variance approved to permit the exterior wall of the existing building with non-rated openings to separate the addition in lieu of a 4-hour fire wall [706, 506.2.2]

Occupancy Separations:

Occupancy separations not required, based upon classification of assembly uses accessory to an educational occupancy as E Occupancy areas [303.1.3]

B Occupancy office areas are not required to be separated based upon compliance as accessory occupancy [508.2]

Building Elements - Fire-resistive Requirements

Building elements, including structural frame and roof are permitted to be of noncombustible, unprotected construction [Table 601]

Exterior walls of the additions are permitted to be nonrated, noncombustible, since having at least 10 feet of fire separation distance [Table 602]

Floor Openings and Penetrations, and Shafts:

Interior exit stairways connecting 3 floors are required to be enclosed with 1-hour fire barriers [1022.2]
Exit access stairways in the atrium are permitted to be unenclosed [1029.3, exc. 5]
Ducts are permitted to connect up to 2 floor levels where floors are nonrated without shaft protection, where the annular space is filled with a noncombustible material [717.5.3]
Ducts connecting 3 floor levels are required to be enclosed in a 1-hour shaft, or be provided with a fire damper at each floor level [717.6.3]
Noncombustible penetrating items (excluding ducts) are permitted to connect 3 floor levels where floors are nonrated without shaft protection, where the annular space is filled with a noncombustible material [714.4.2.1]

Incidental Use Separations:

Walls (non-rated) for these areas are required to terminate at the deck, with self-closing doors
- Science rooms containing any hazardous materials
- Boiler and furnace rooms with equipment sized as indicated in Table 509 [Table 509, Sec. 509.4.2]
Fire and/or smoke dampers are not required in duct penetrations of these non-rated separations

Fire Dampers:

Fire dampers are required at duct penetrations of fire-rated shafts and at duct penetrations of fire barriers required to have more than a 1-hour fire rating [717.5]

Occupant Load Factors:

Pool deck, assembly spaces 15 sf per occupant
Classrooms 20 sf per occupant
Labs/Pool surface 50 sf per occupant
Office 100 sf per occupant
Storage/Mechanical 300 sf per occupant

Egress Corridors:

Egress corridors throughout the building are permitted to be nonrated based upon automatic sprinkler protection [1018.1]

Panic Hardware:

Panic hardware is required on all means of egress doors serving an occupant load of 50 or more [1008.1.10]

Egress Travel Distance:

The maximum travel distance to an exterior exit is permitted to be a maximum of 220 feet [1016.2]

Automatic Sprinklers:

Automatic sprinklers are required throughout, based upon an E Occupancy fire area exceeding 12,000 sq ft - sprinklers will be provided throughout the building [903.2.3]

Standpipes:

Class 1 standpipes required in the 3-story addition, based upon having a floor level located more than 30 feet above the level of fire department vehicle access [905.3.1]
The system is permitted to be a manual-wet system, with fire department pumper providing the pressure for the system

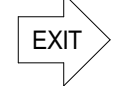
Fire Alarm System:

Fire alarm system required [907.2.3]
Manual pull stations are not required based upon initiation of the alarm system by sprinkler water flow

Smoke Detectors:

Smoke detectors are required for HVAC shutdown for systems delivering in excess of 2,000 cfm [905.1, IMC]
Smoke detection will be provided in the atrium [404]

Maximum Egress Travel Distance = 207 Feet



EXIT / EXIT ACCESS

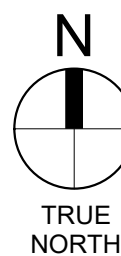


NOT IN SCOPE OF WORK

2 HOUR FIRE-RATED WALL

1 HOUR FIRE-RATED WALL

SMOKE RESISTIVE WALL PER VARIANCE



TRUE NORTH

CLARK-PLEASANT COMMUNITY SCHOOL CORP.

WHITELAND COMM. HIGH SCHOOL ADDITION

300 E MAIN ST, WHELAND, IN 46184



REVISIONS:

#	Date	Desc.
3	09/28/2022	ADDENDUM 03

100% CONSTRUCTION DOCUMENT

PROJECT: #22130
DATE: 08-11-2023
DRAWN BY: Author

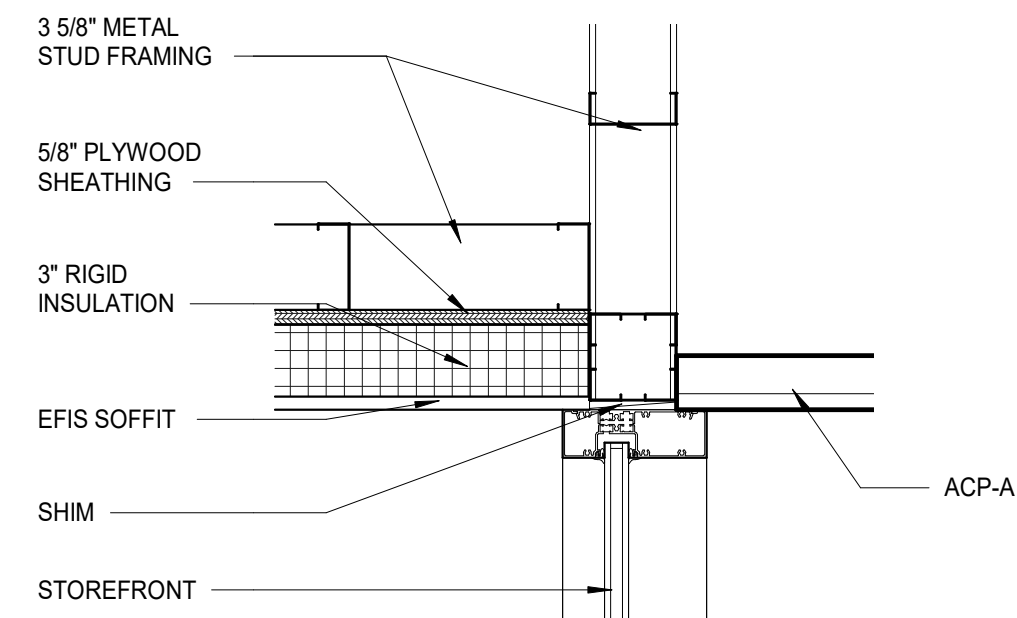
LIFE SAFETY
PLAN - THIRD
FLOOR

LS003

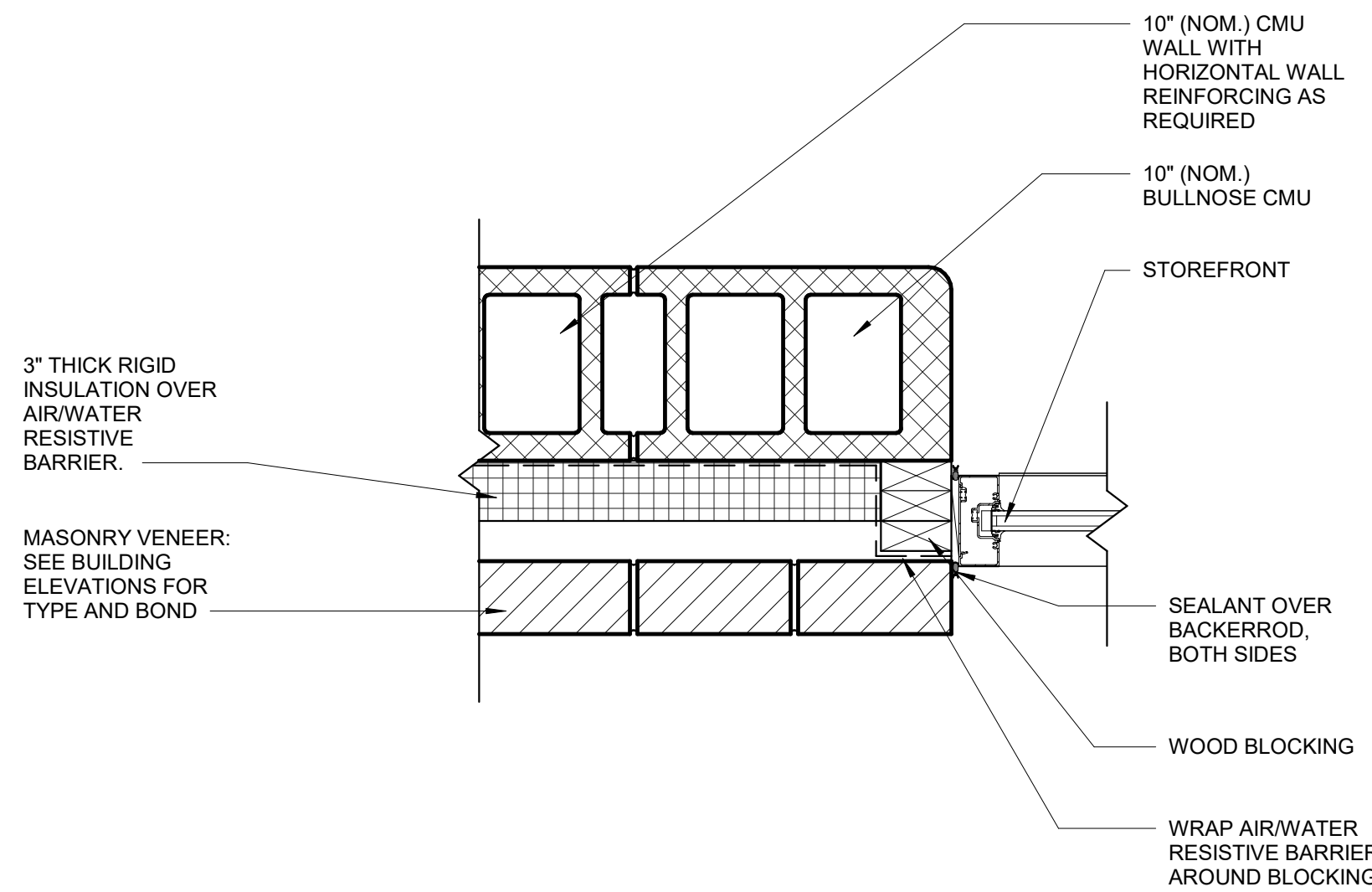
LANCER ASSOCIATES
ARCHITECTURE

427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

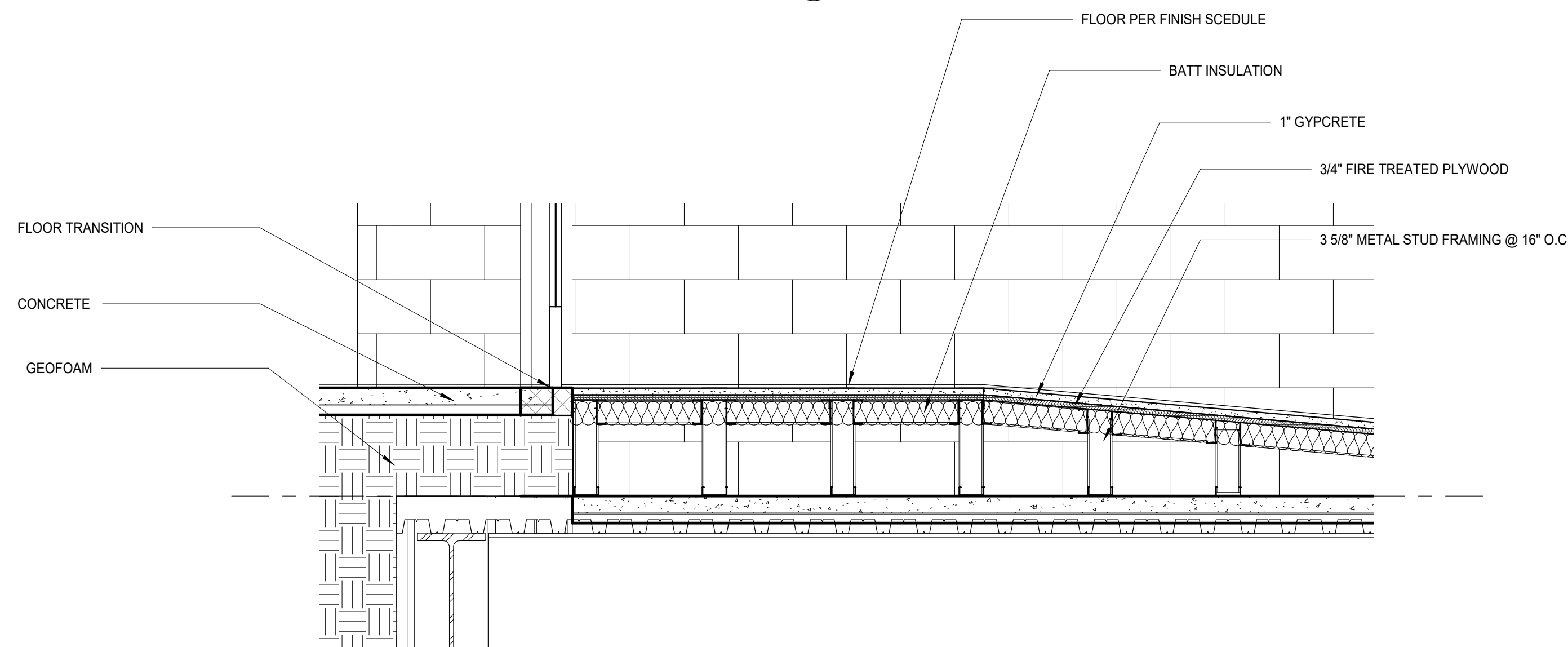
PLT DATE/TIME: 05/20/2023 3:51:41 PM



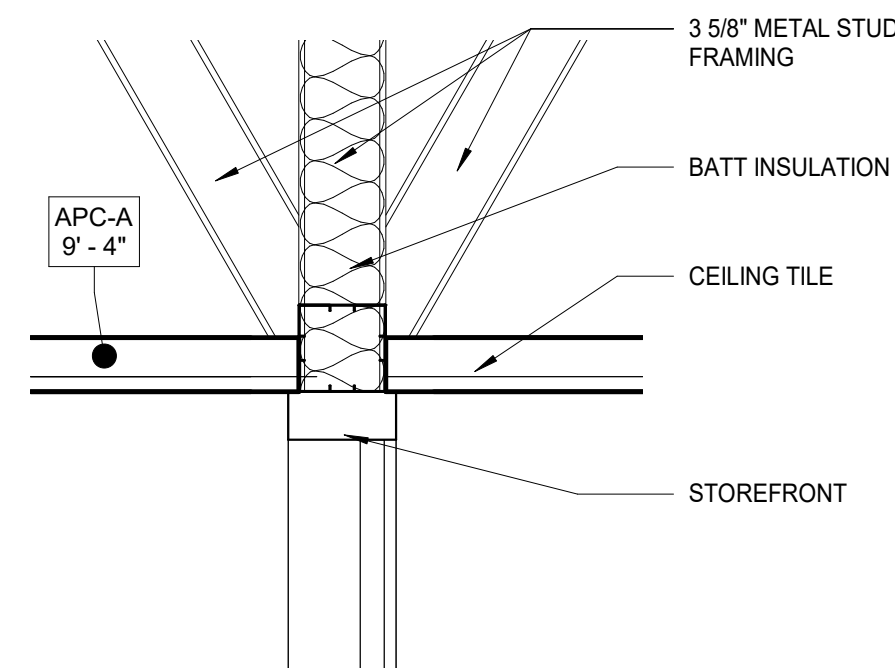
7 HEAD DETAIL @ SF14A
SCALE: 1 1/2" = 1'-0"



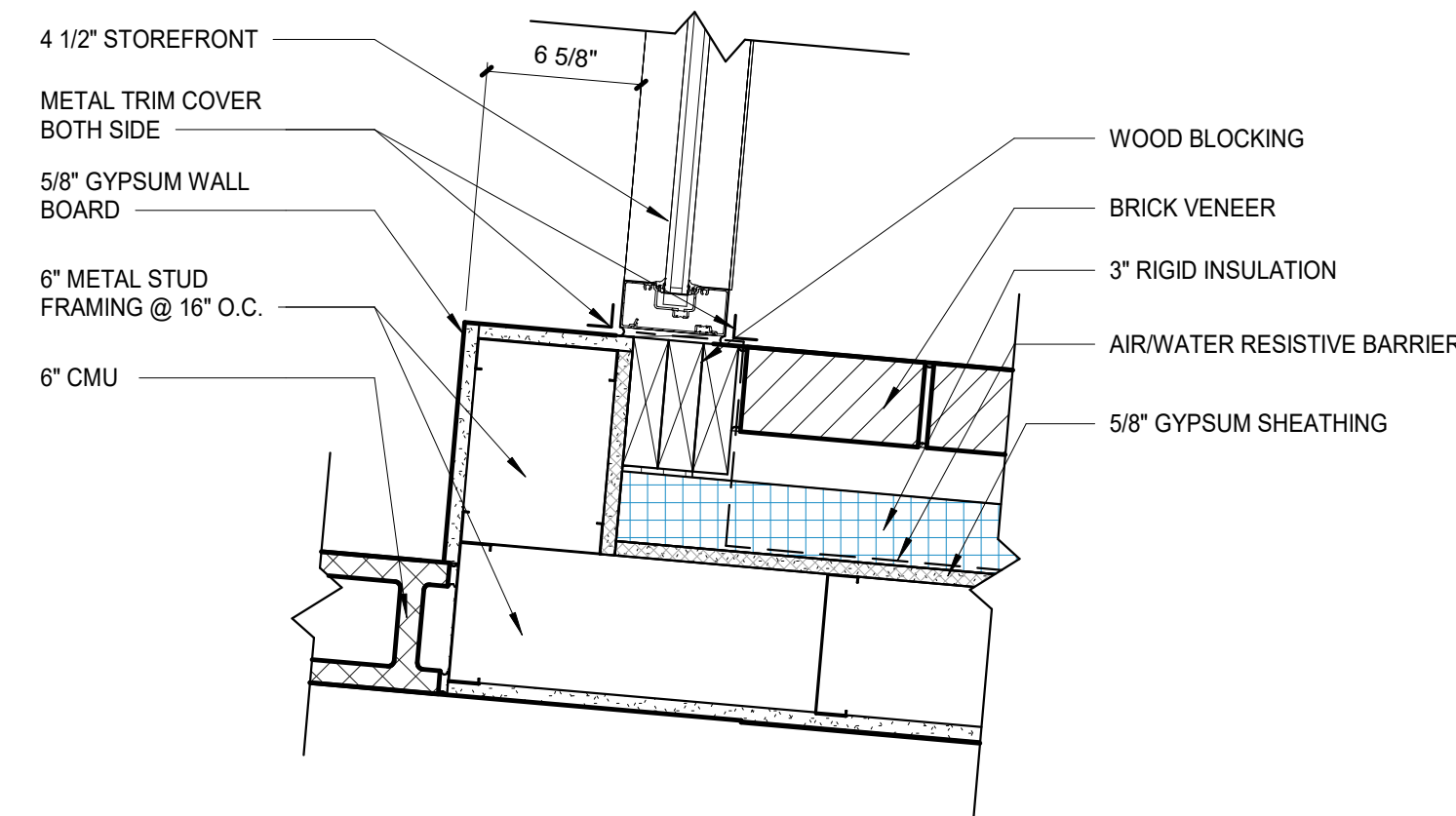
6 EXTERIOR STOREFRONT DETAIL @ CMU WALL
SCALE: 1 1/2" = 1'-0"



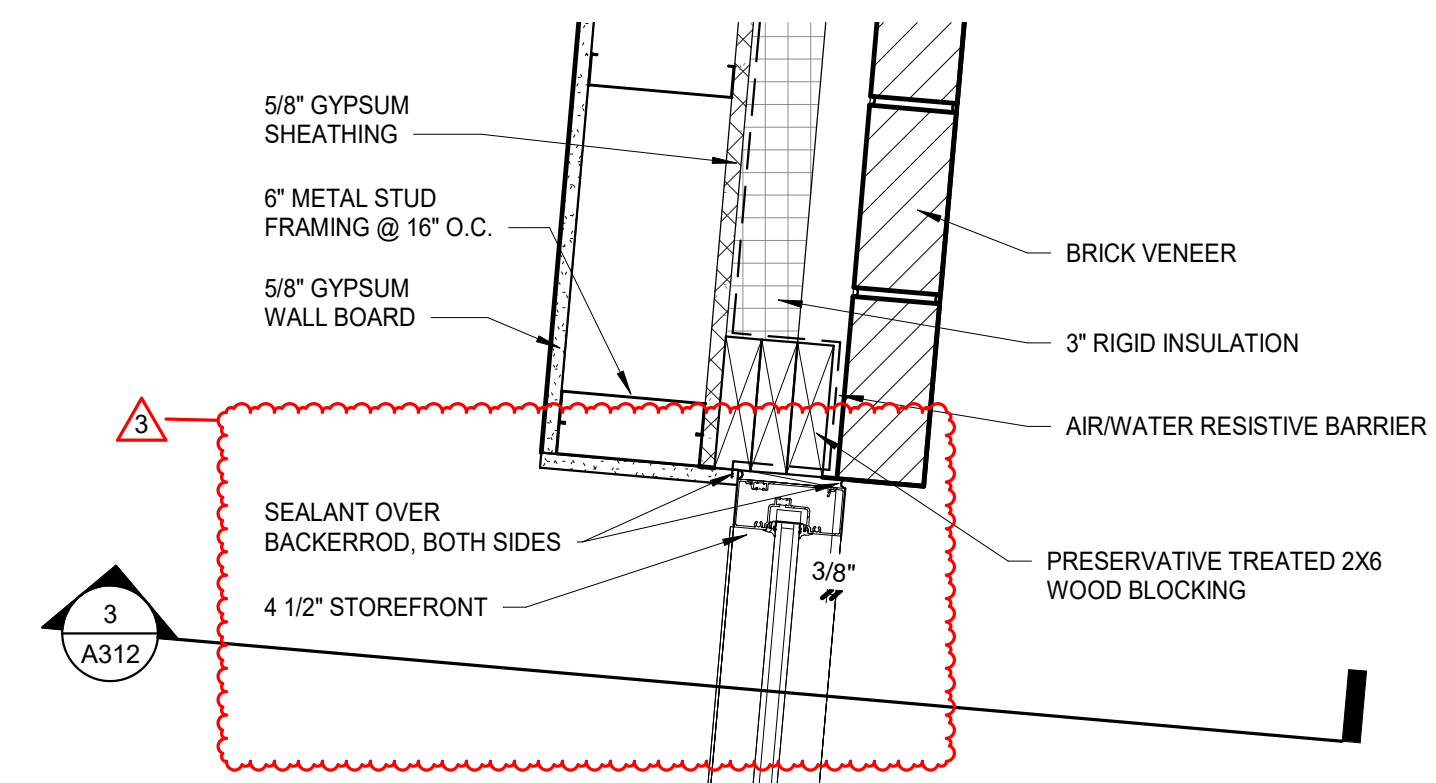
3 SECOND FLOOR VESTIBULE RAMP DETAIL
SCALE: 3/4" = 1'-0"



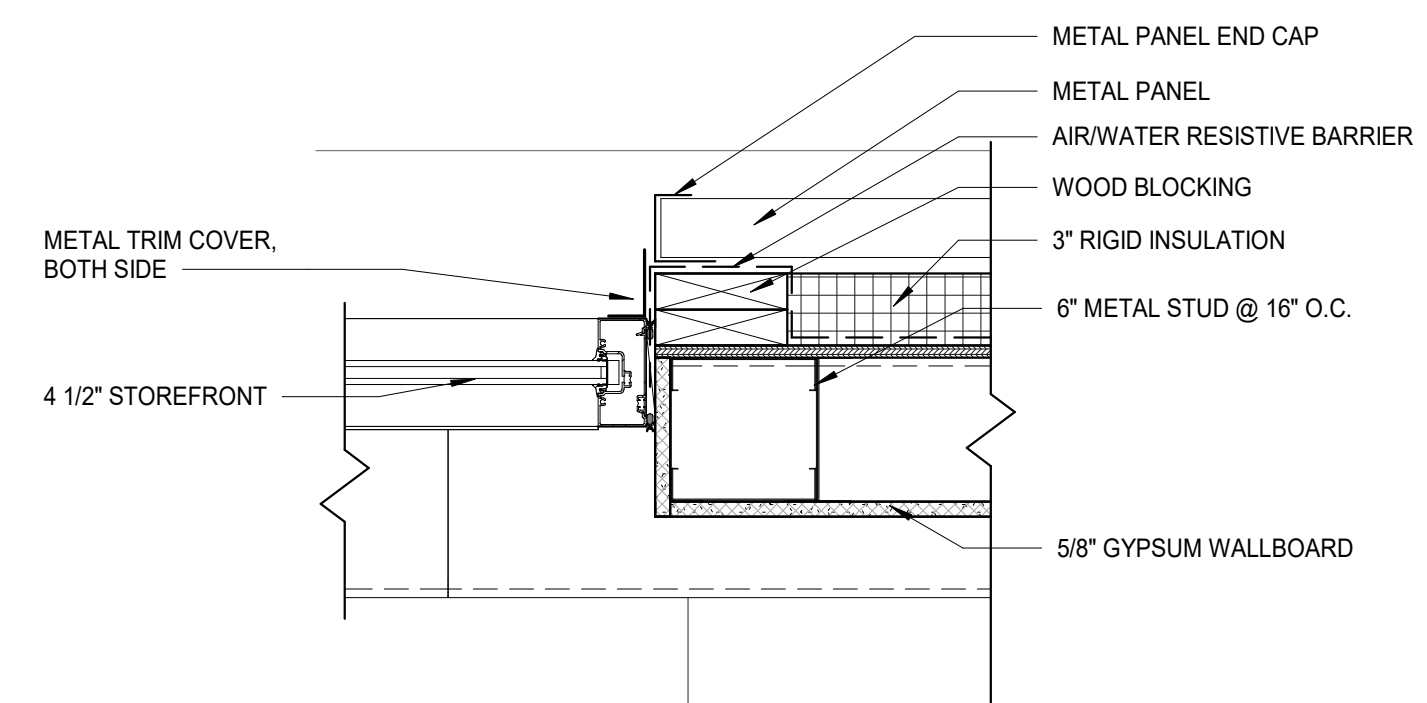
5 STOREFRONT HEAD DETAIL @ VESTIBULE
SCALE: 1 1/2" = 1'-0"



2 STOREFRONT JAMB
SCALE: 1 1/2" = 1'-0"



4 STOREFRONT JAMB DETAIL TYP.
SCALE: 1 1/2" = 1'-0"



1 CLERESTORY JAMB
SCALE: 1 1/2" = 1'-0"

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184



REVISIONS:		Desc.
#	Date	
3	09/26/2022	ADDENDUM 03

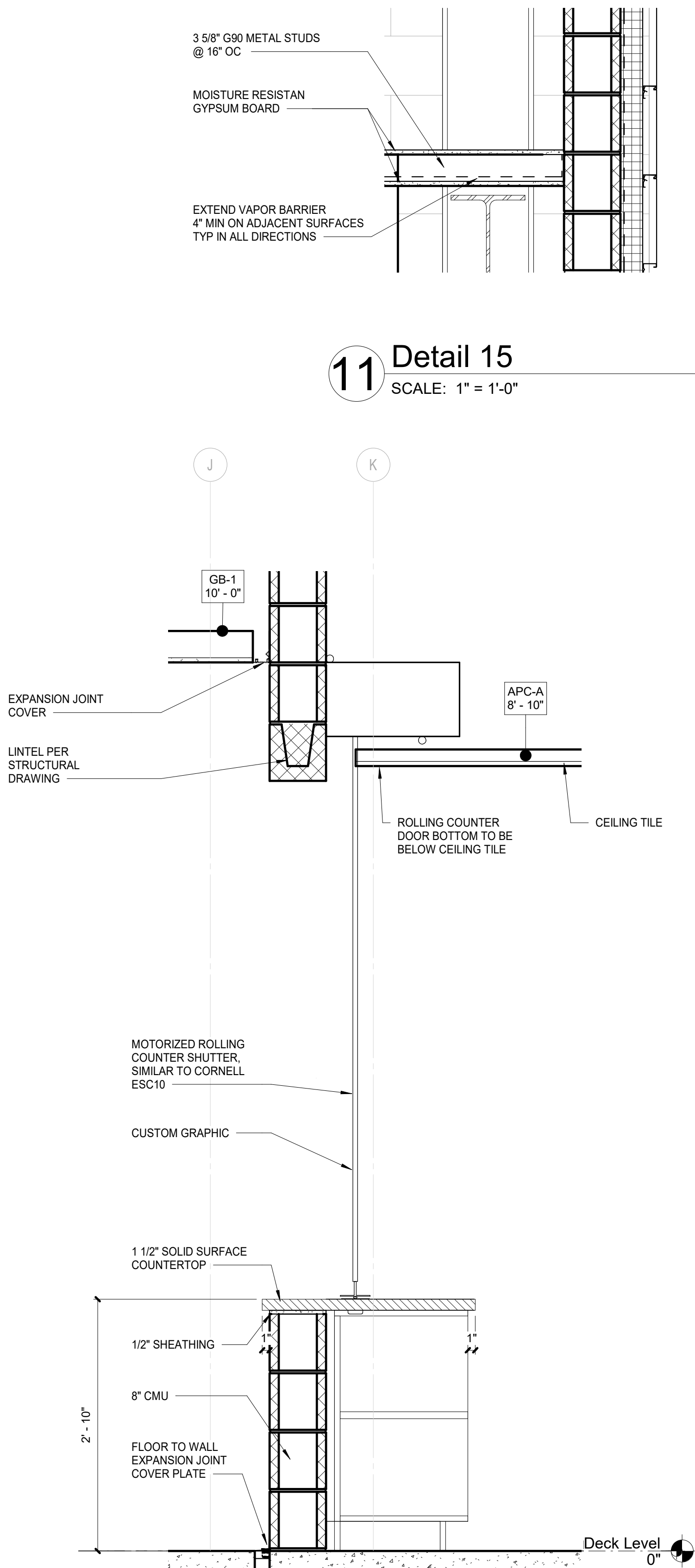
100% CONSTRUCTION DOCUMENT
PROJECT: #22130
DATE: 08-11-2023
DRAWN BY: Author

DETAILS

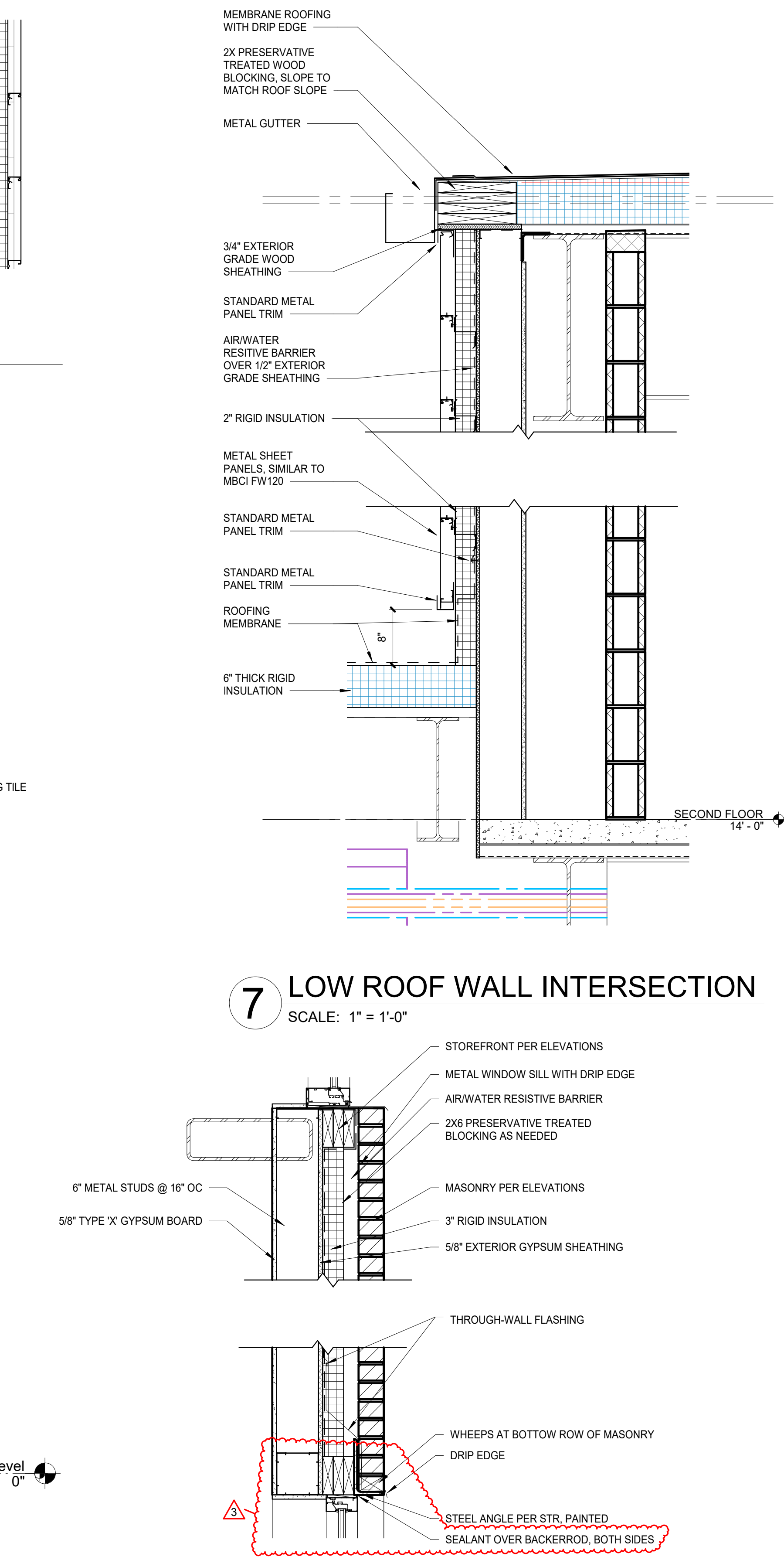
A503

LANCER ASSOCIATES
ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

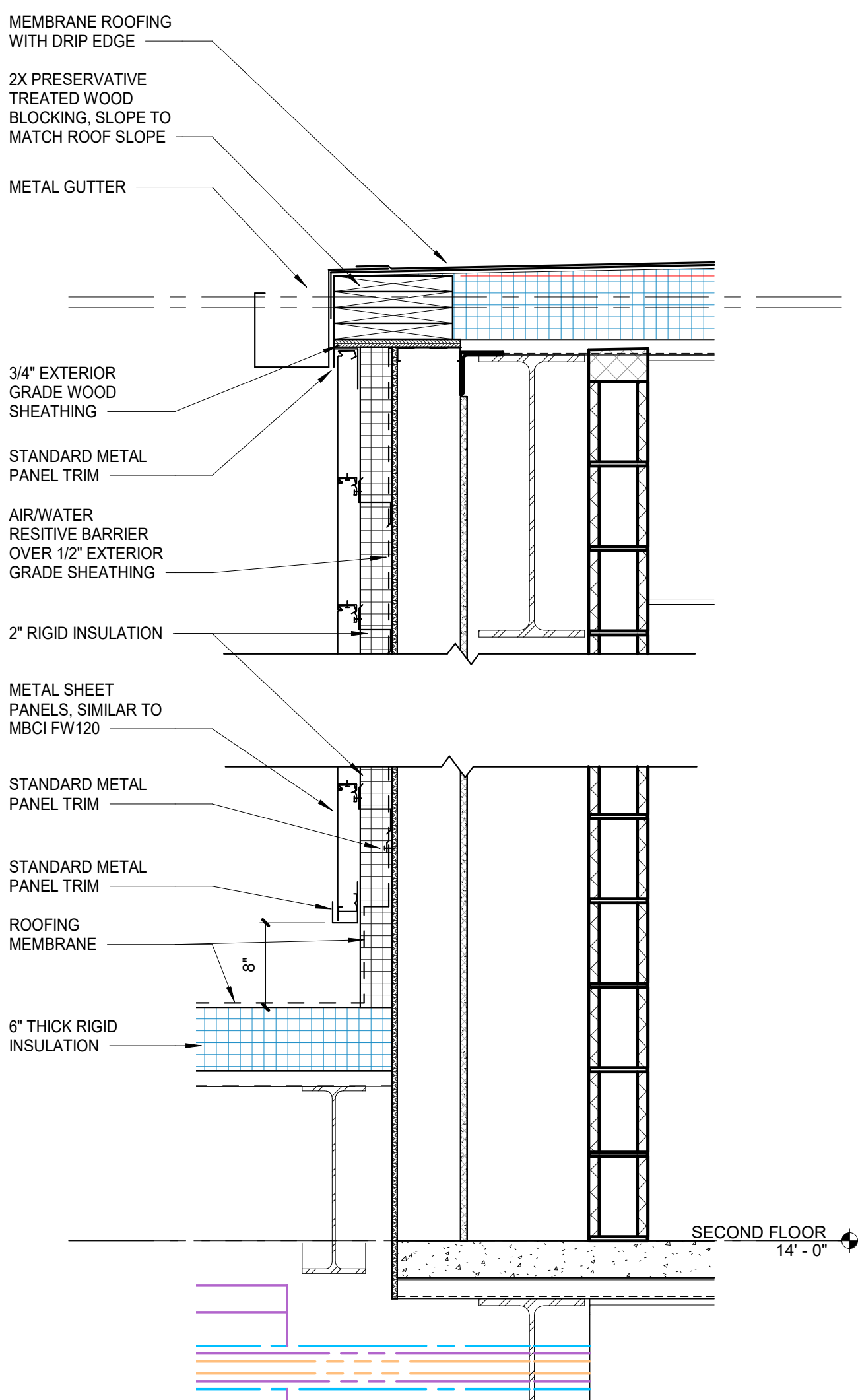
4 OVERHEAD COILING CONCESSION
SCALE: 1" = 1'-0"



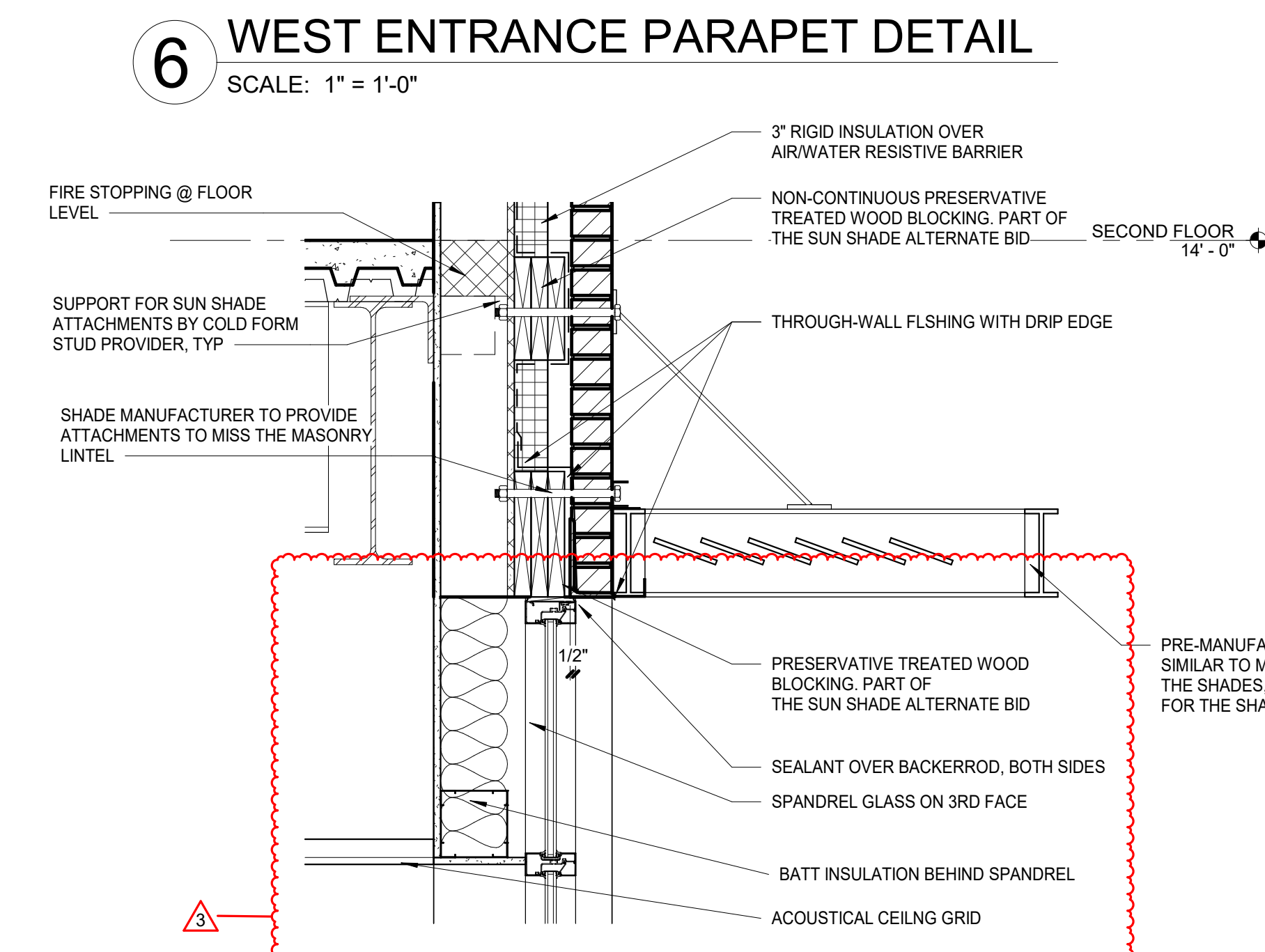
3 WEST ENTRANCE - INTERMEDIATE WALL
SCALE: 1" = 1'-0"



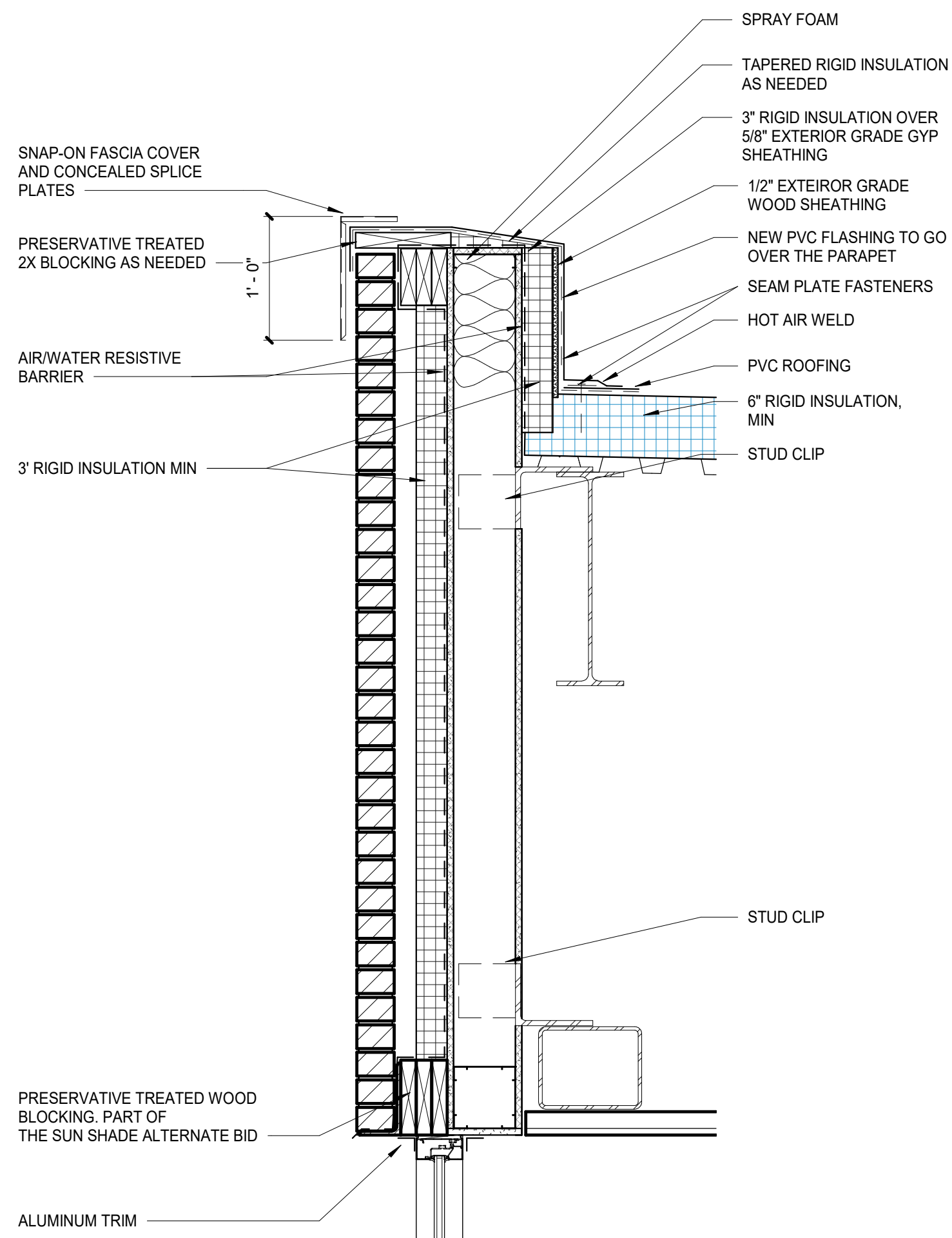
7 LOW ROOF WALL INTERSECTION
SCALE: 1" = 1'-0"



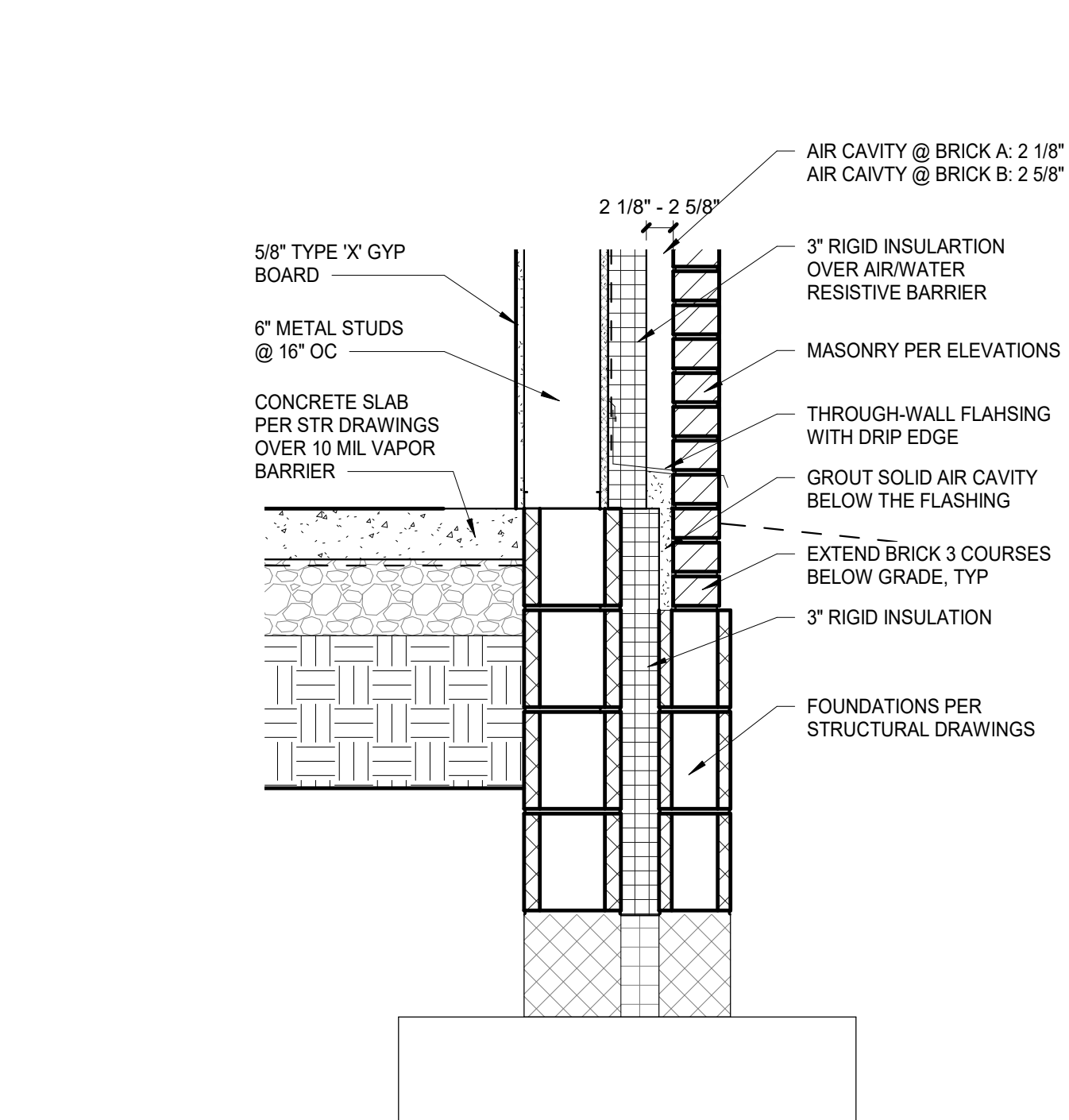
2 TYP. WINDOW HEAD @ 1ST FLOOR
SCALE: 1" = 1'-0"



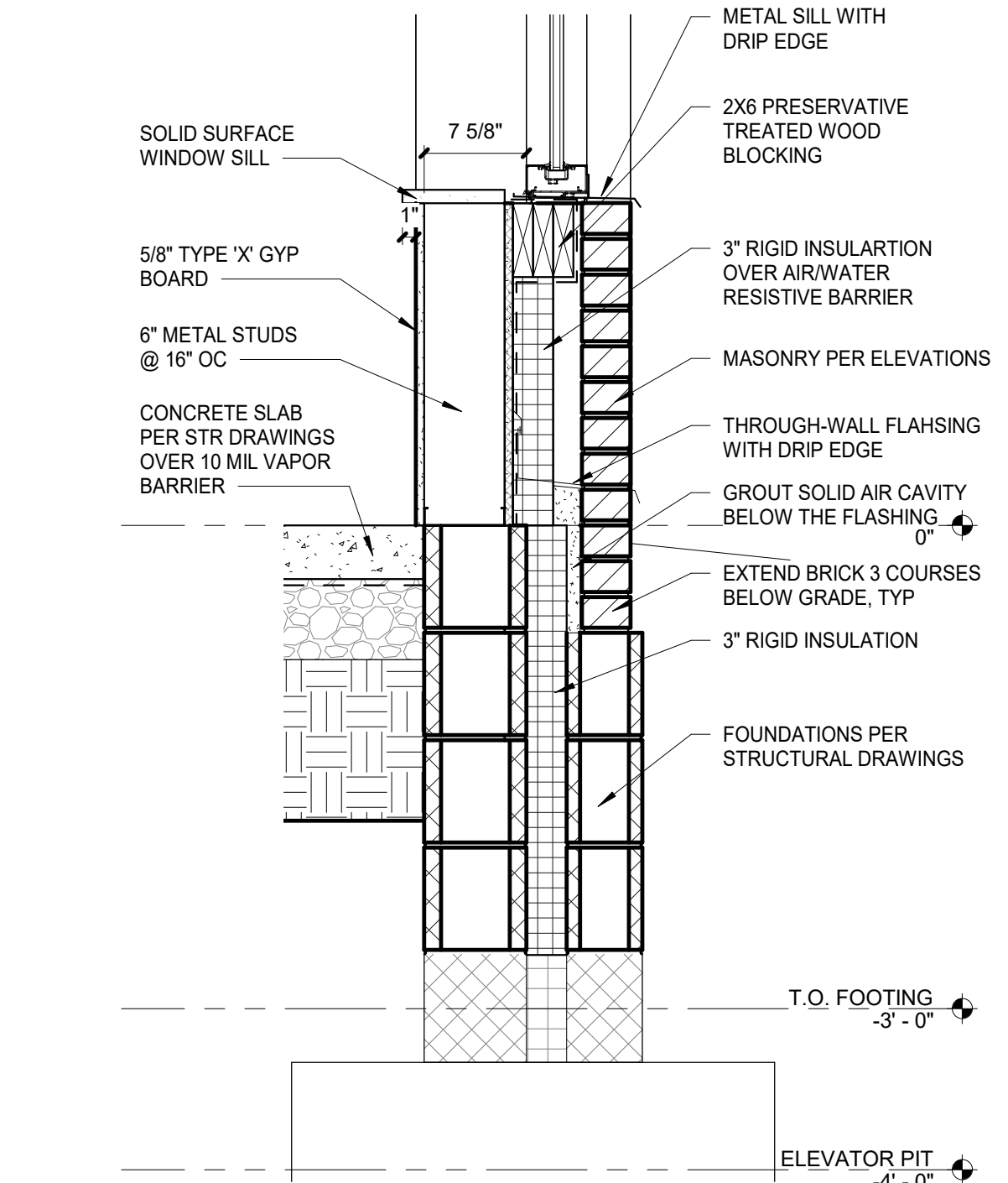
6 WEST ENTRANCE PARAPET DETAIL
SCALE: 1" = 1'-0"



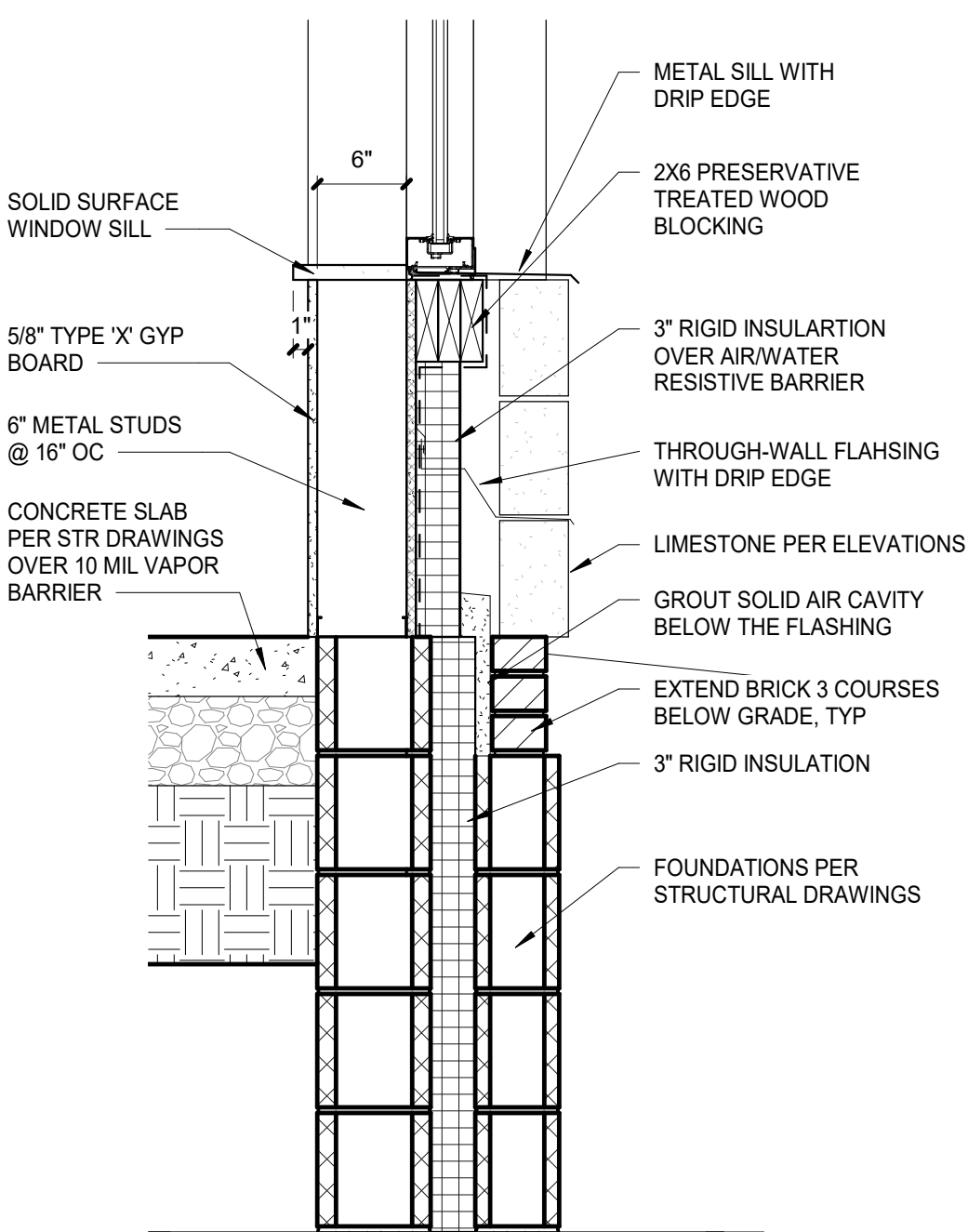
9 TYPICAL FOUNDATION DETAIL
SCALE: 1" = 1'-0"



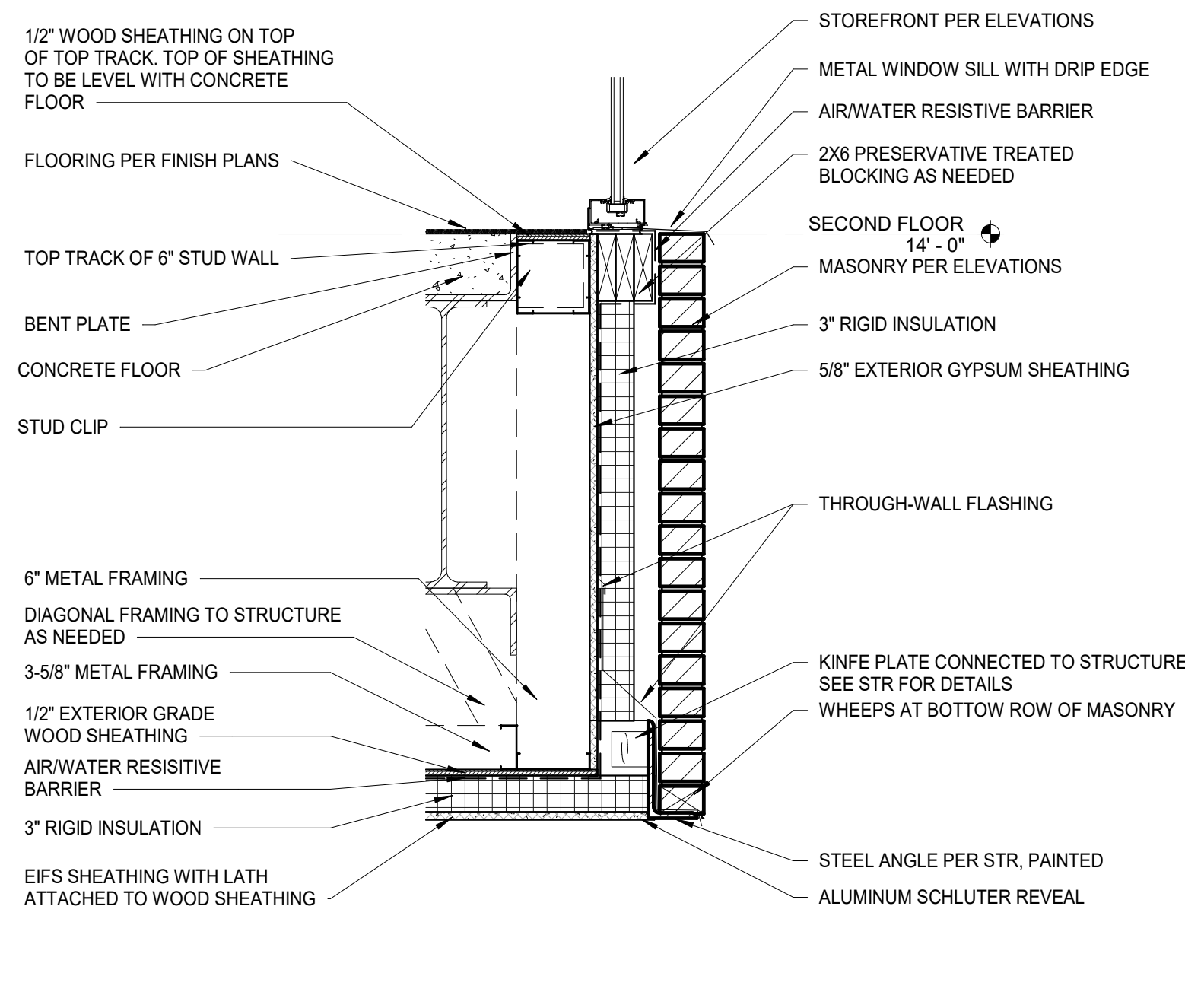
10 TYPICAL FOUNDATION @ WINDOW
SCALE: 1" = 1'-0"



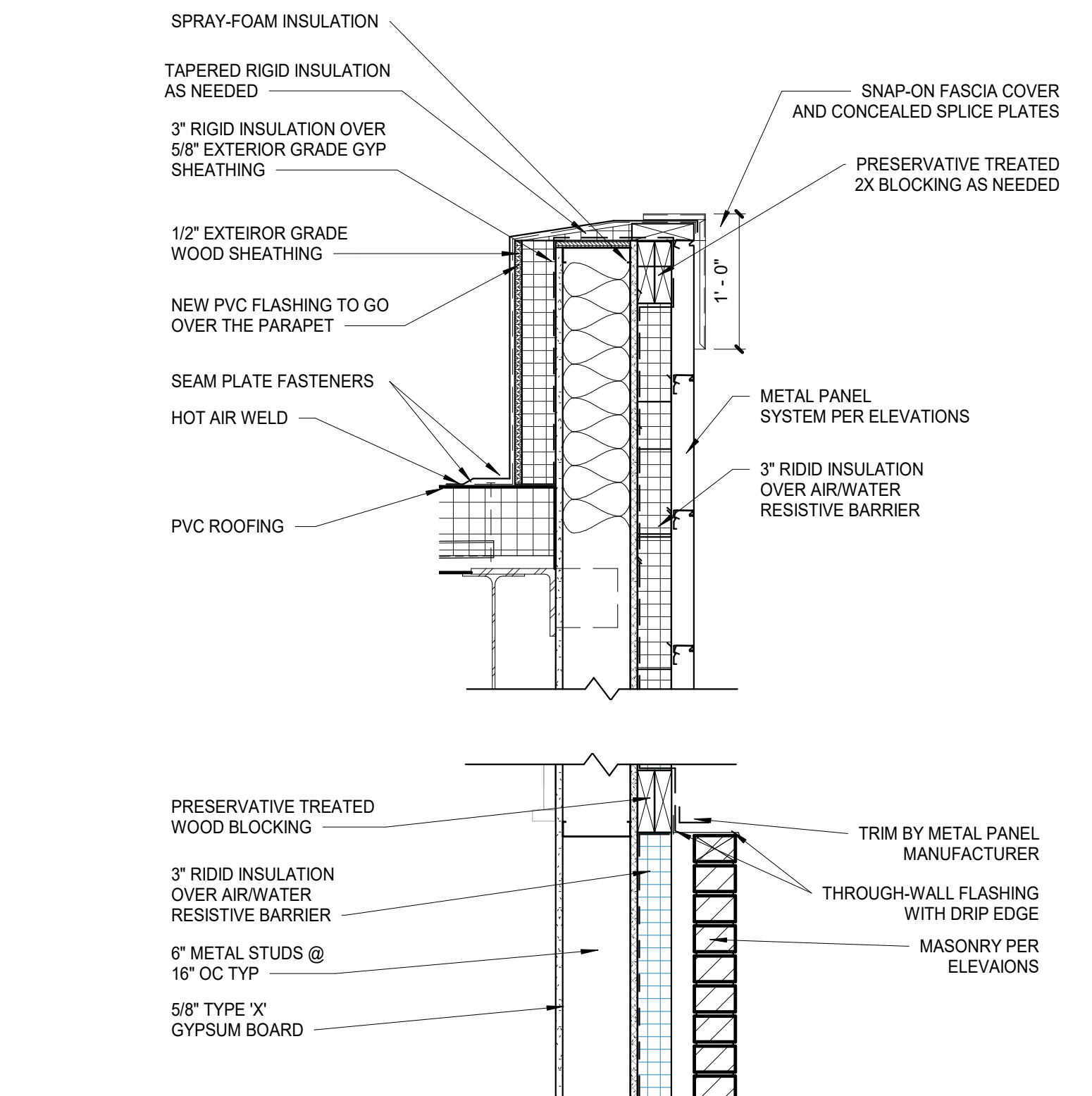
1 FOUNDATION @ HINGE
SCALE: 1" = 1'-0"



5 VESTIBULE M100a SECTION @ 1ST FLOOR
SCALE: 1" = 1'-0"



8 METAL PANEL/BRICK INTERSECTION ACADEMIC WING
SCALE: 1" = 1'-0"



REVISIONS:		
#	Date	Desc.
3	09/26/2023	ADDENDUM 1/3

100% CONSTRUCTION DOCUMENT

PROJECT: #22130
DATE: 08-11-2023
DRAWN BY: Author

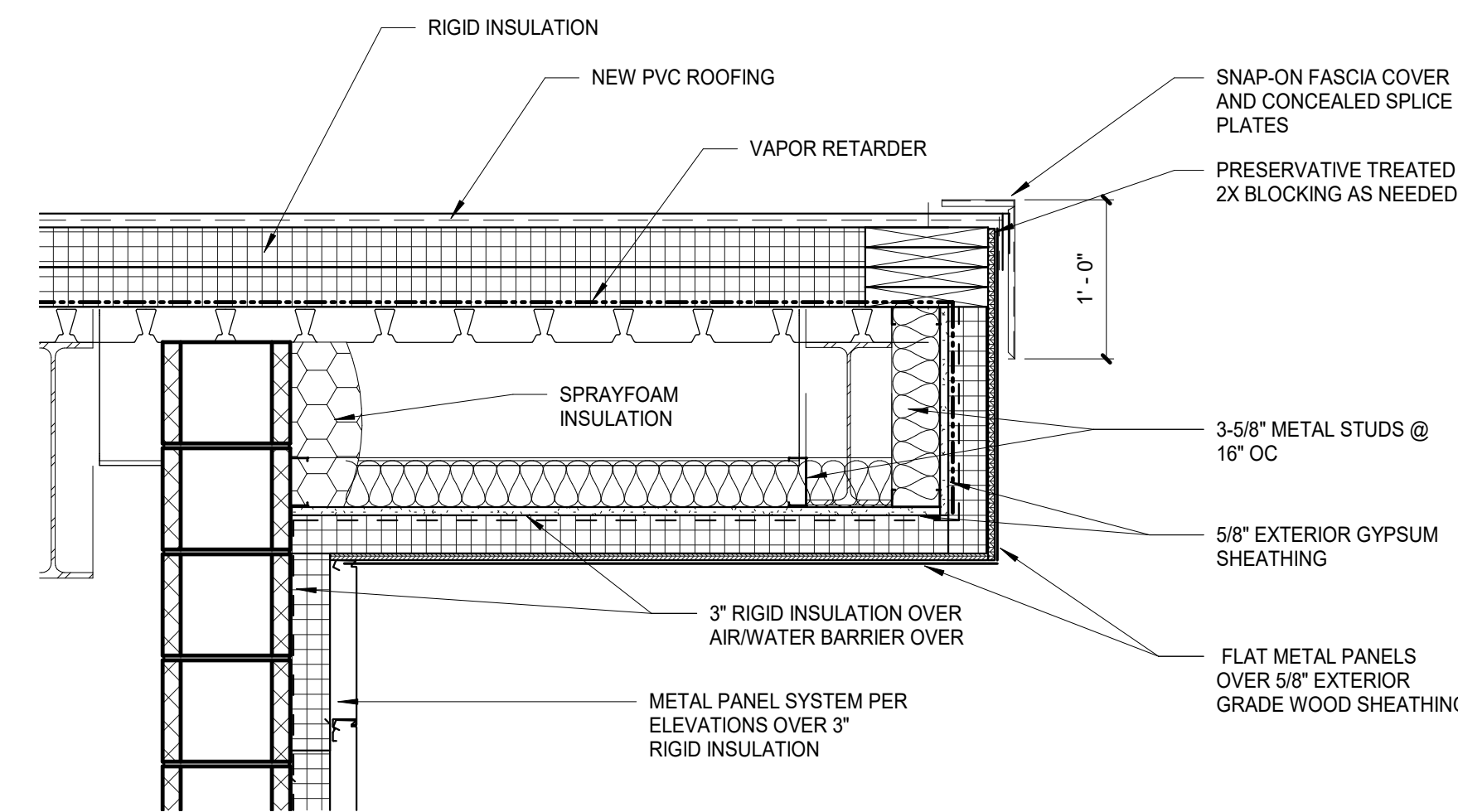
DETAILS



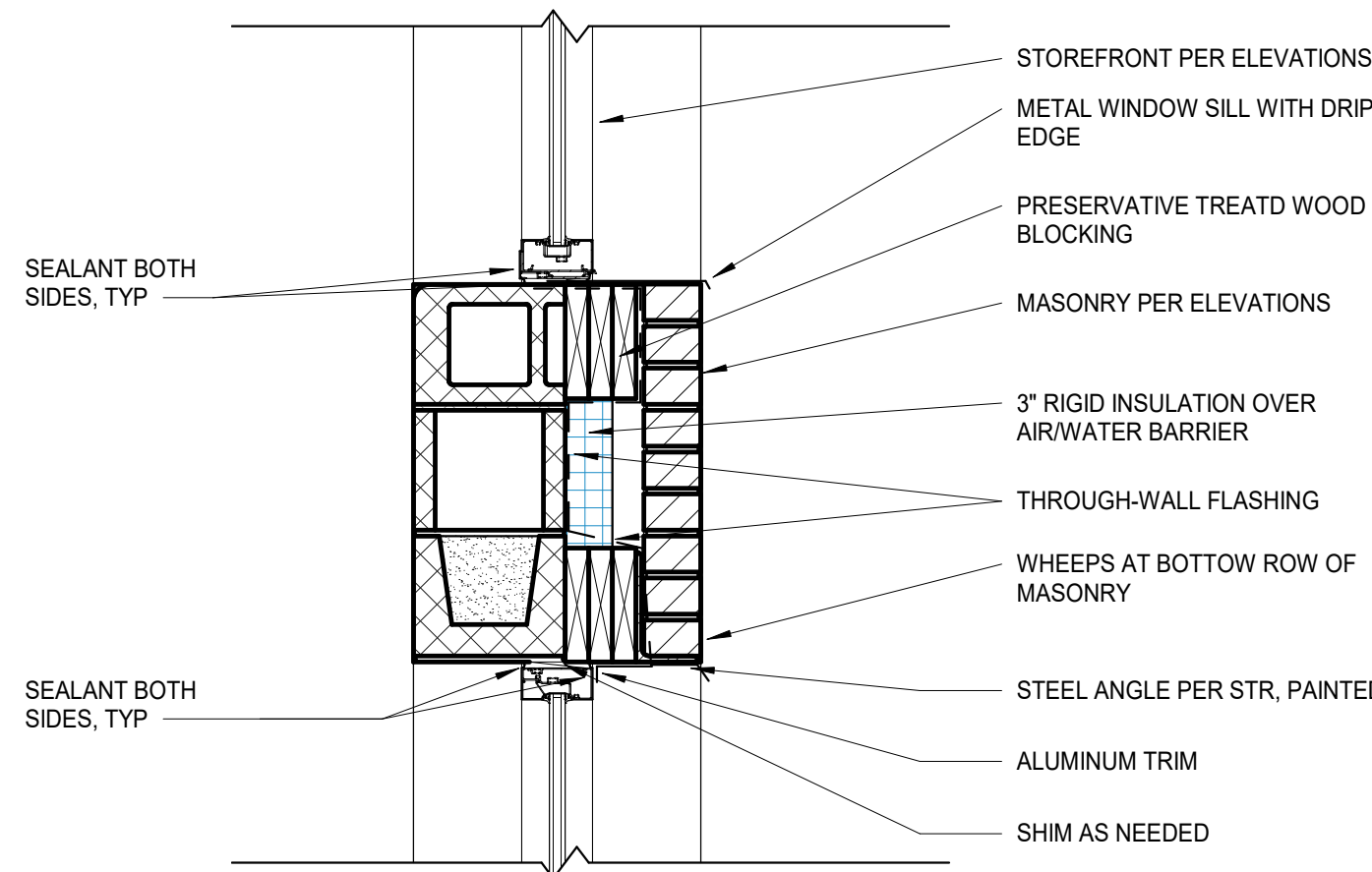
REVISIONS:		
#	Date	Desc.
3	09/28/2023	ADDENDUM 13

100% CONSTRUCTION DOCUMENT	
PROJECT: #22130	DATE: 08-11-2023
DRAWN BY: Author	

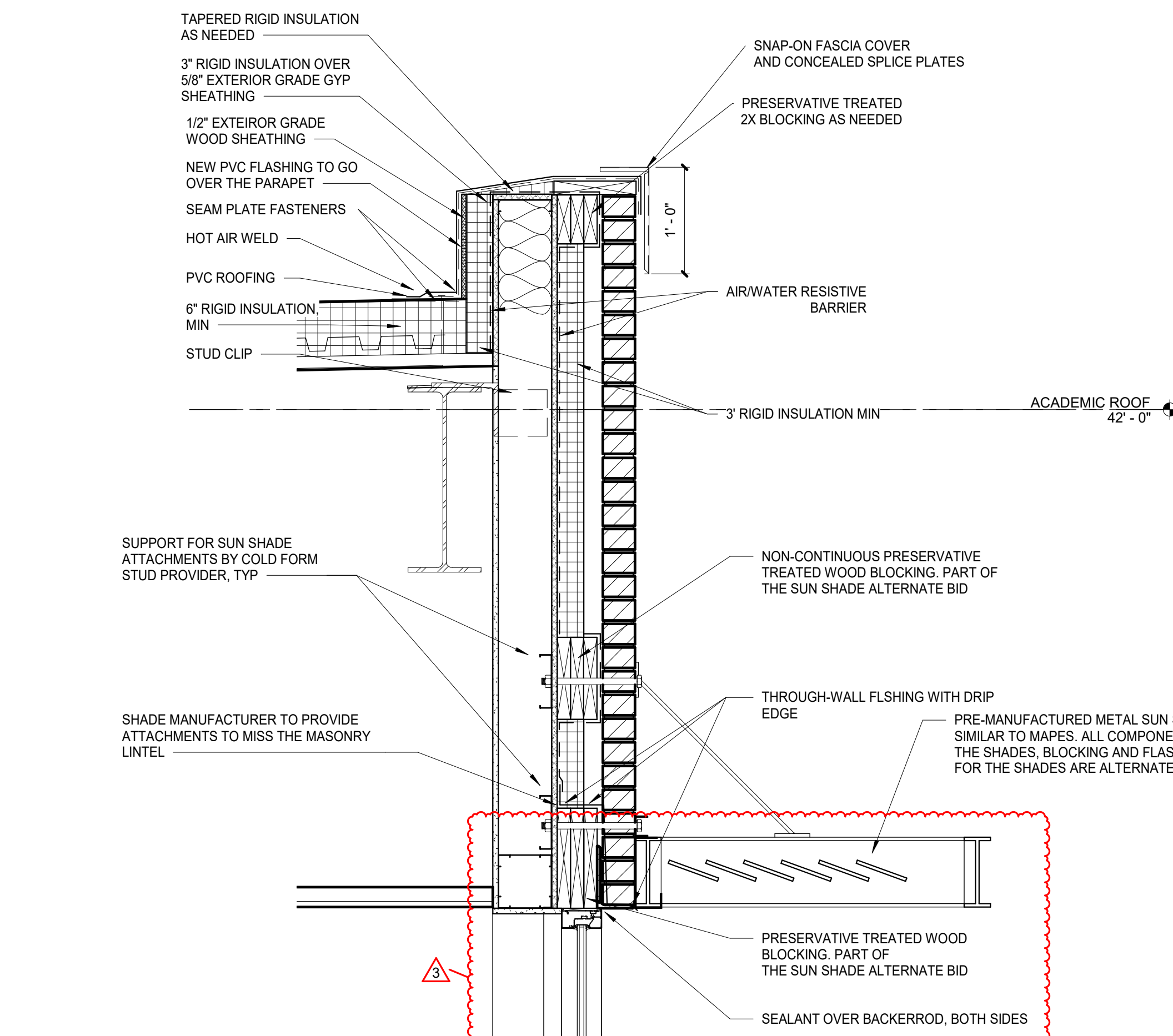
DETAILS



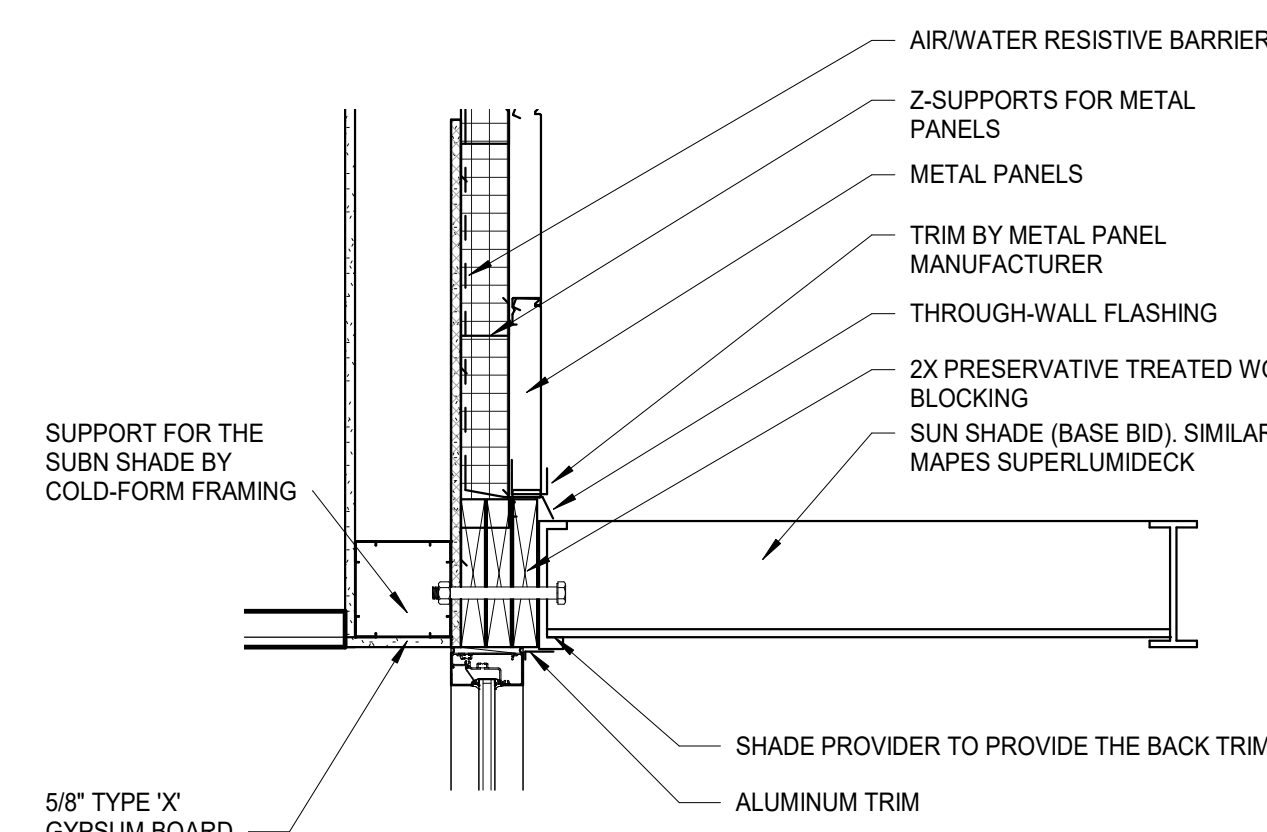
3 POOL ROOF OVERHANG
SCALE: 1" = 1'-0"



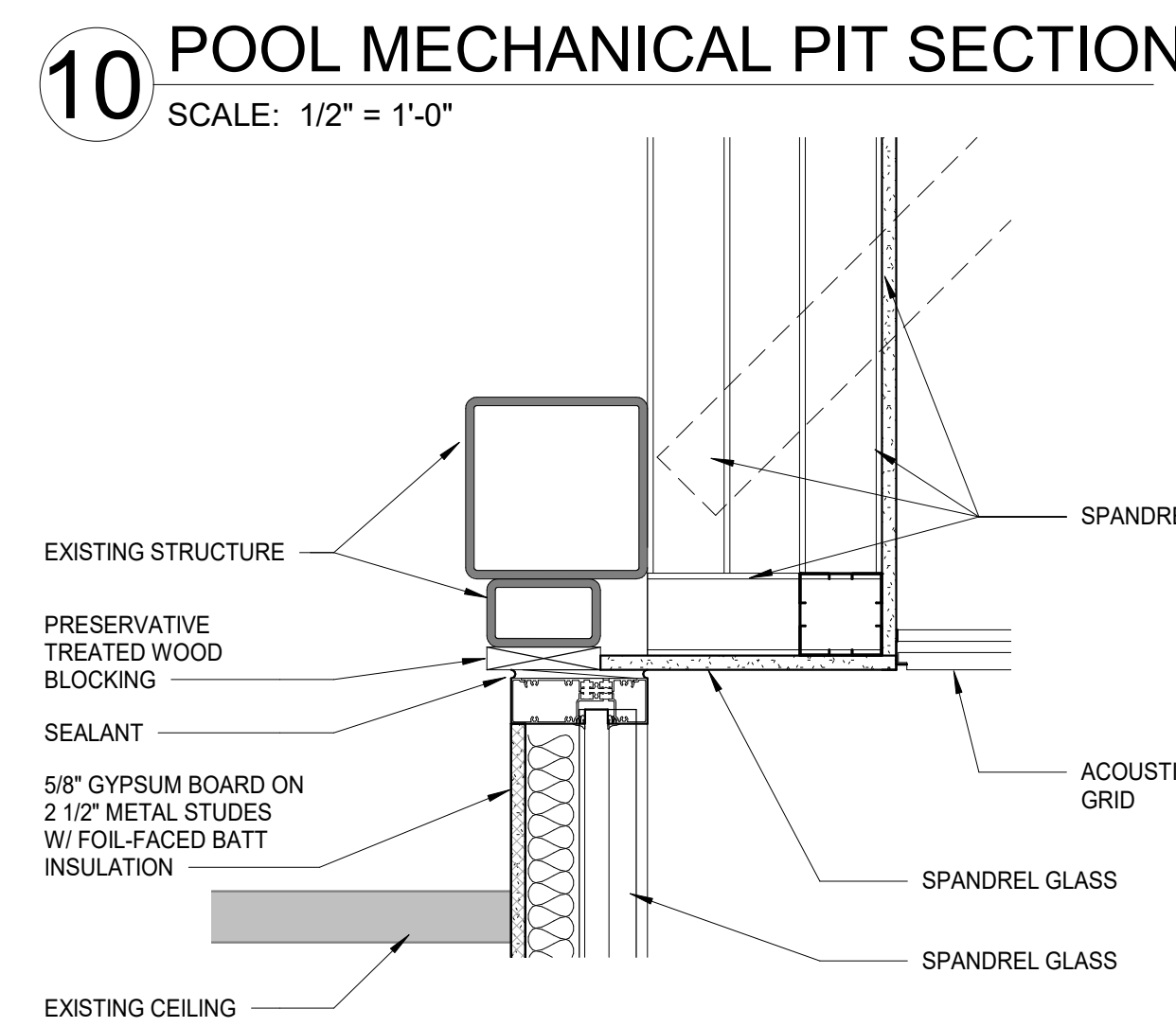
7 SF21 HEAD & SILL DETAIL
SCALE: 1" = 1'-0"



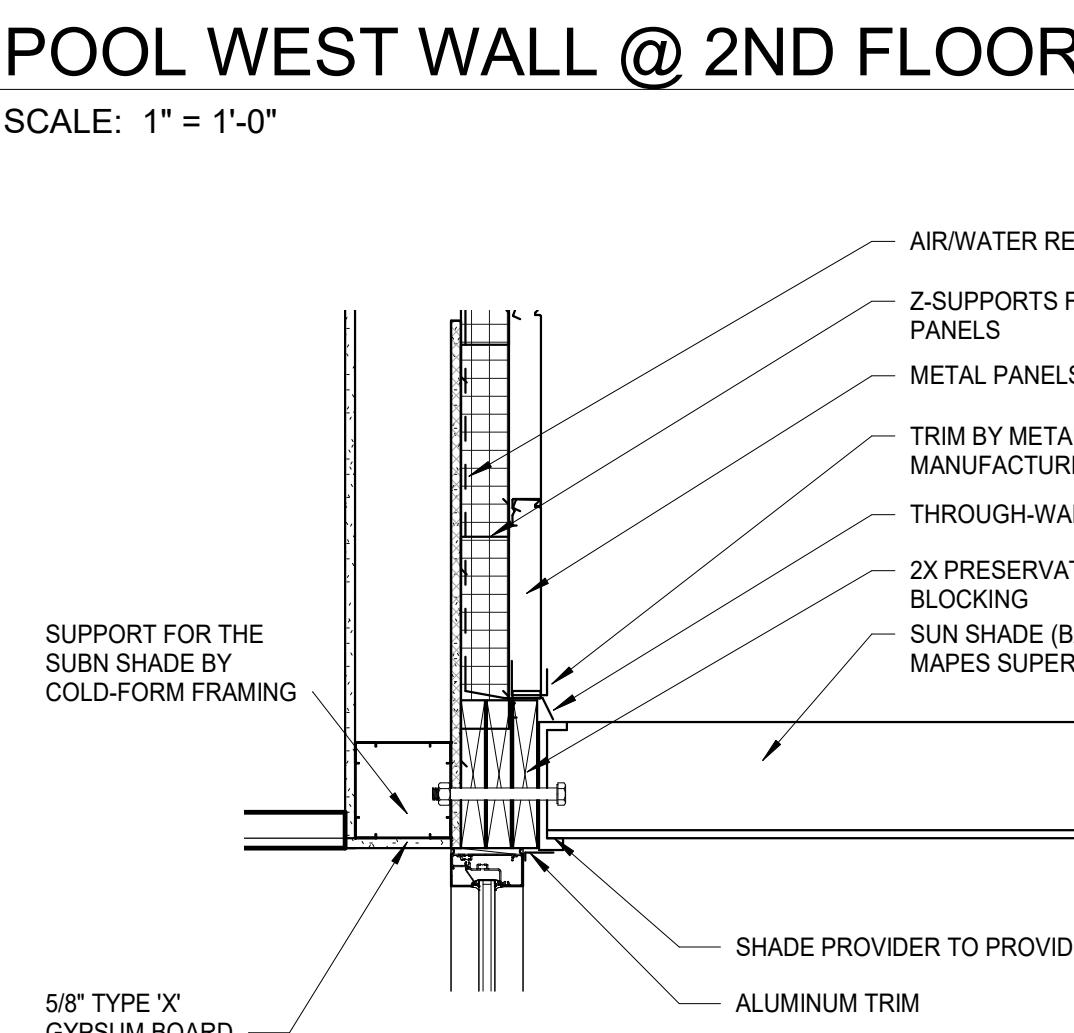
2 TYP. WINDOW HEAD @ 3RD FLOOR
SCALE: 1" = 1'-0"



5 J1100A HEAD
SCALE: 1" = 1'-0"

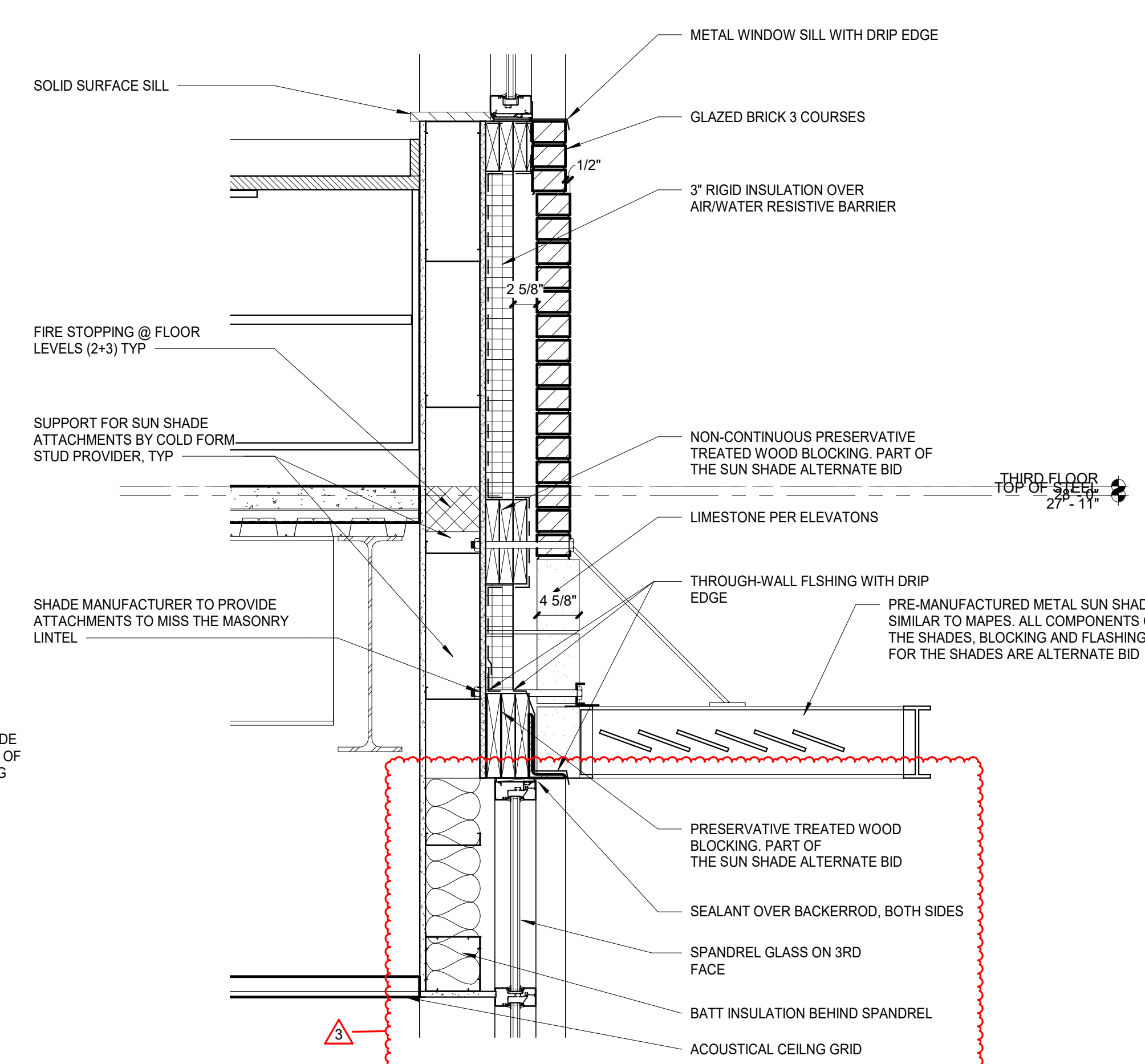


10 POOL MECHANICAL PIT SECTION
SCALE: 1/2" = 1'-0"

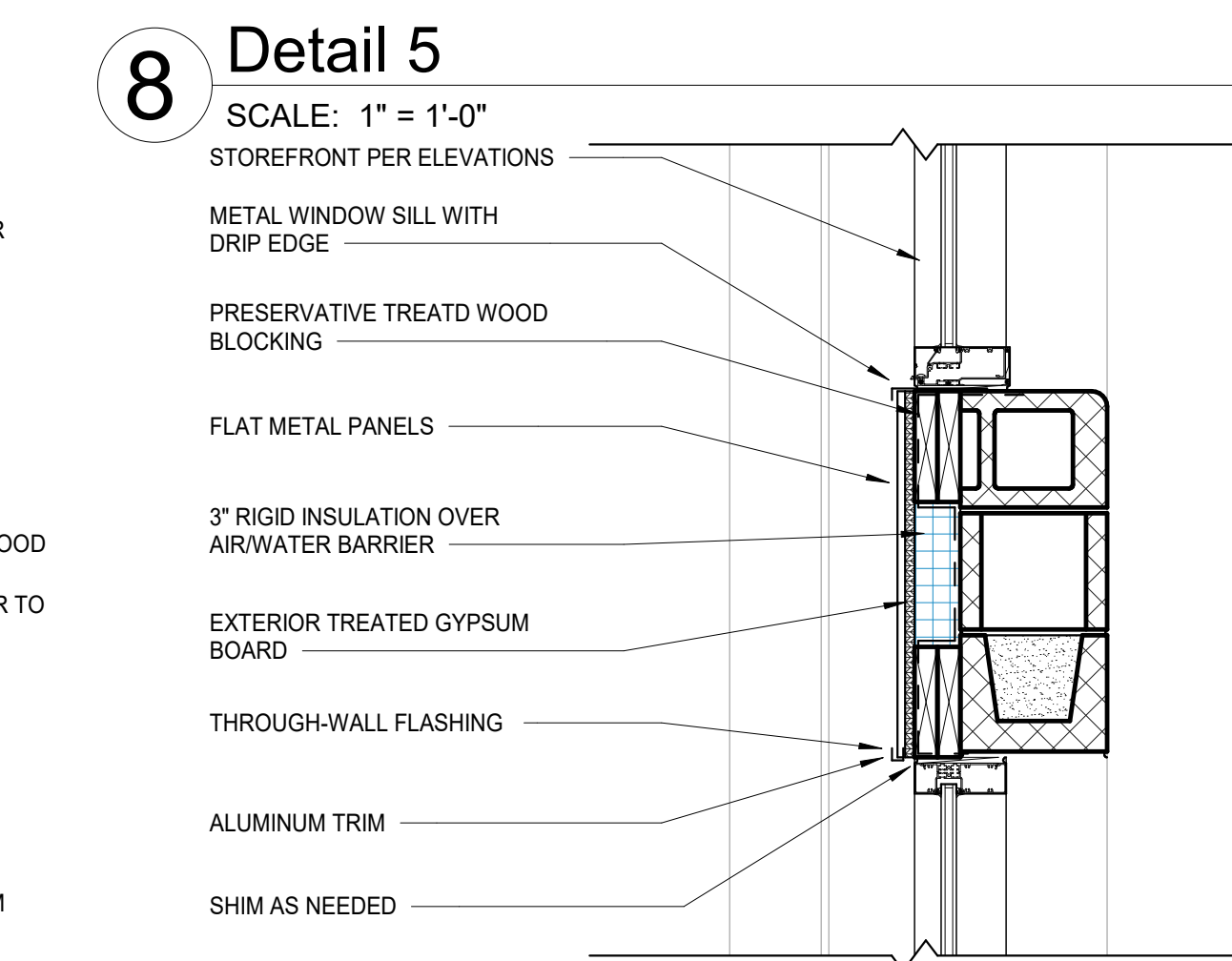


9 POOL WEST WALL @ 2ND FLOOR
SCALE: 1" = 1'-0"

6 SF50 HEAD
SCALE: 1 1/2" = 1'-0"

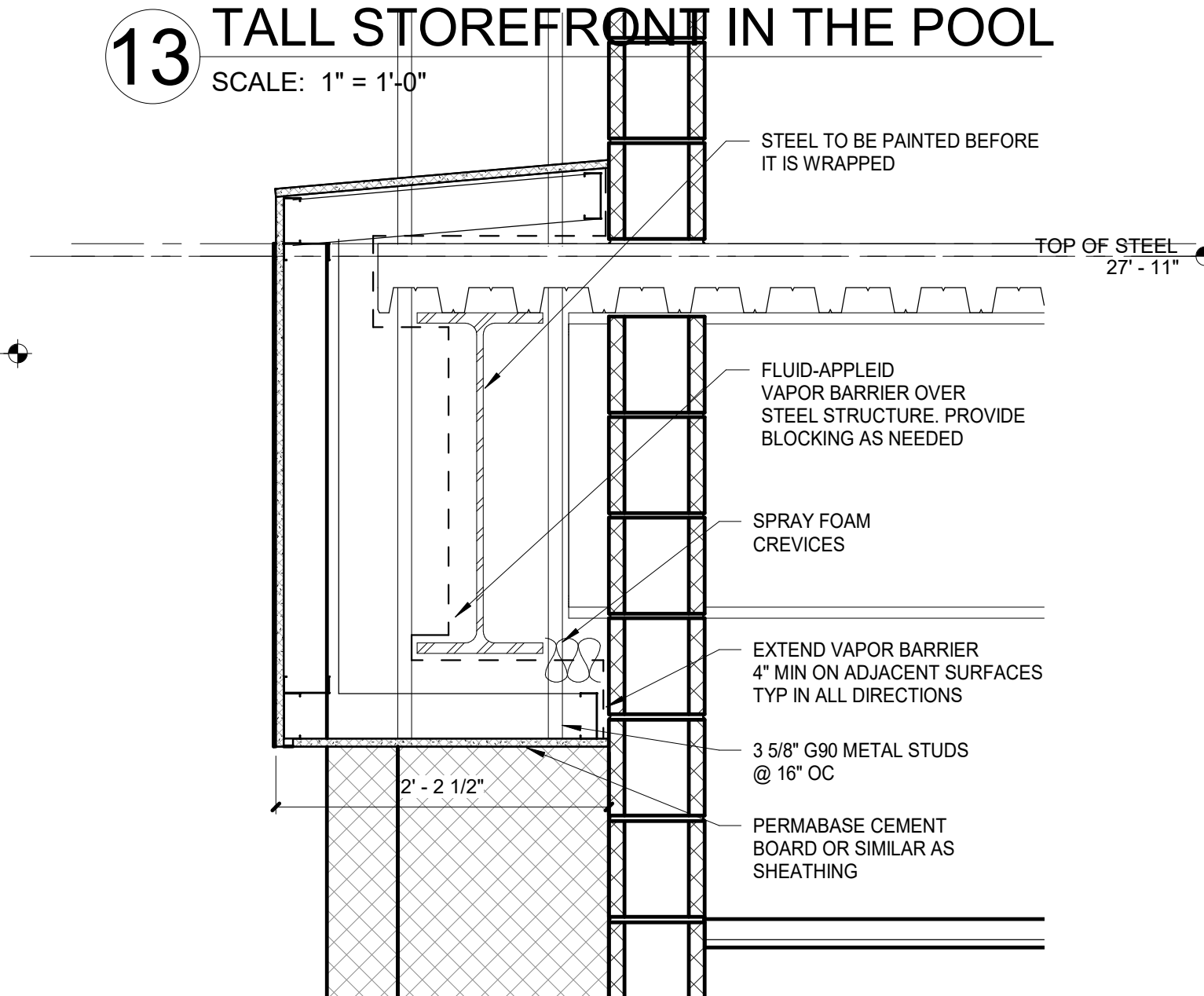


1 TYP. WINDOW HEAD @ 2ND FLOOR
SCALE: 1" = 1'-0"

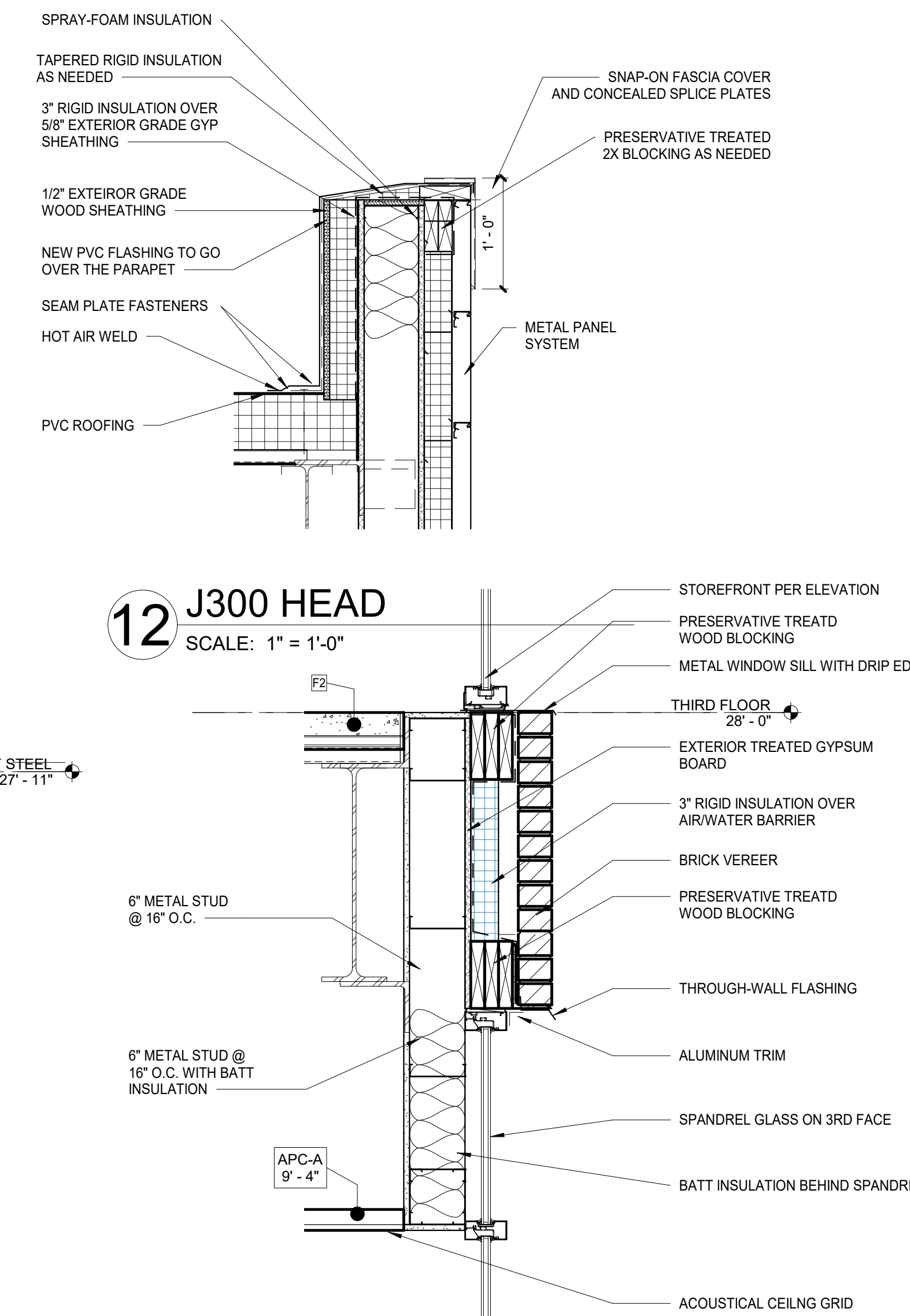


8 Detail 5
SCALE: 1" = 1'-0"

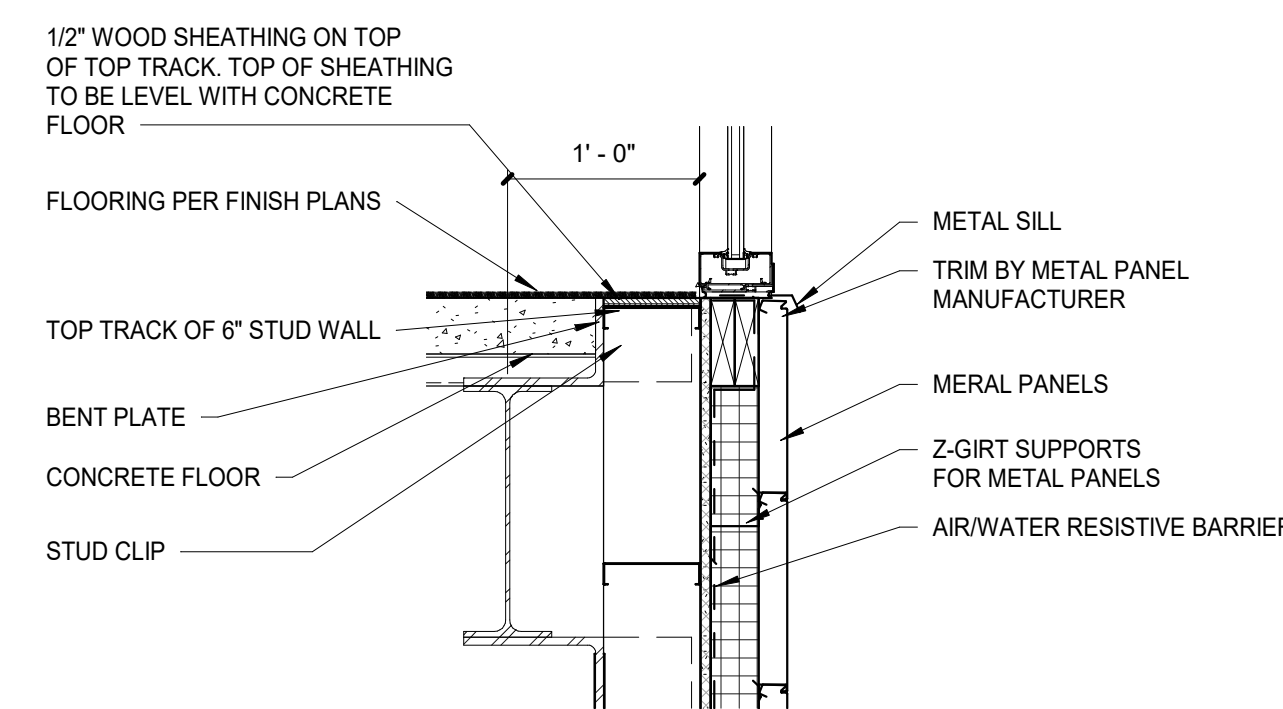
4 SF22 HEAD & SILL DETAIL
SCALE: 1" = 1'-0"



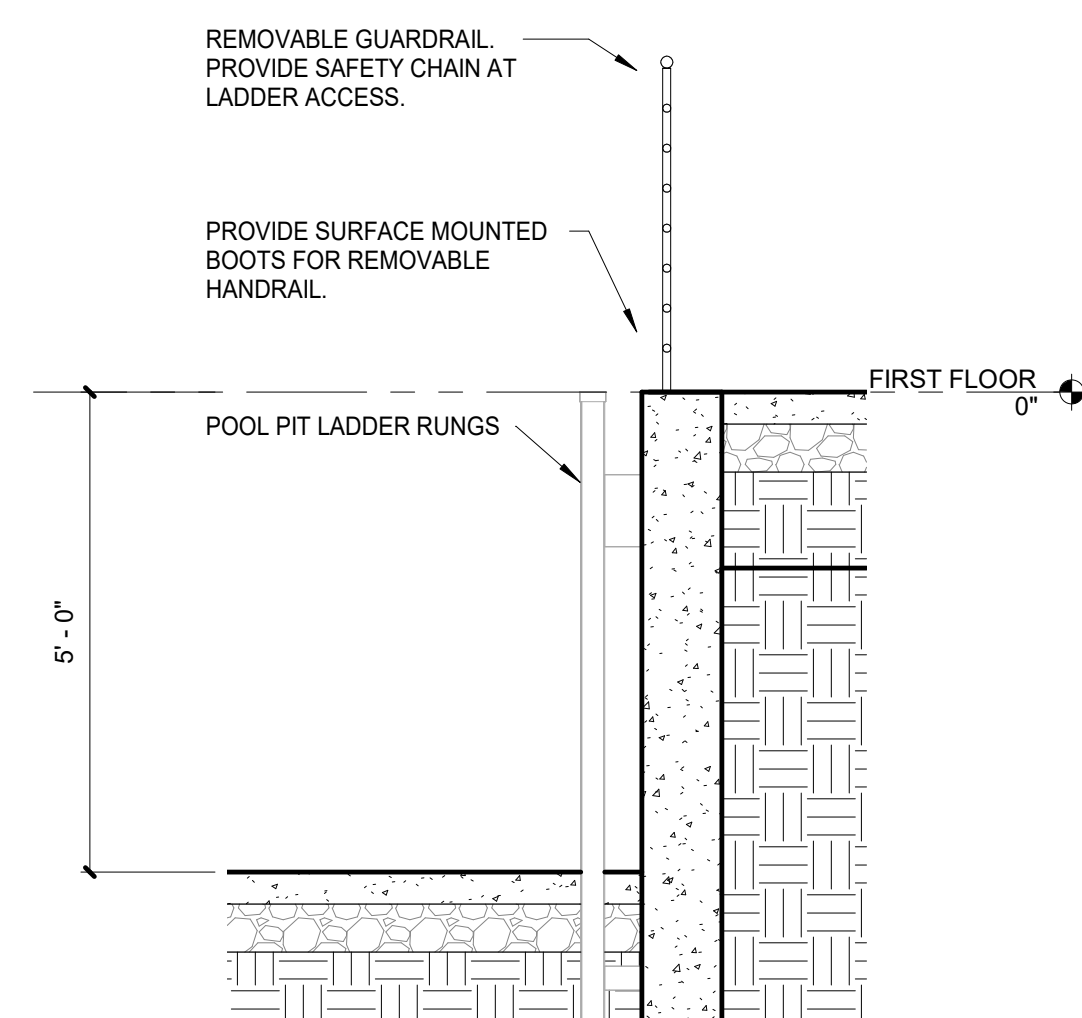
13 TALL STOREFRONT IN THE POOL
SCALE: 1" = 1'-0"



12 J300 HEAD
SCALE: 1" = 1'-0"



14 J300 SILL DETAIL
SCALE: 1" = 1'-0"

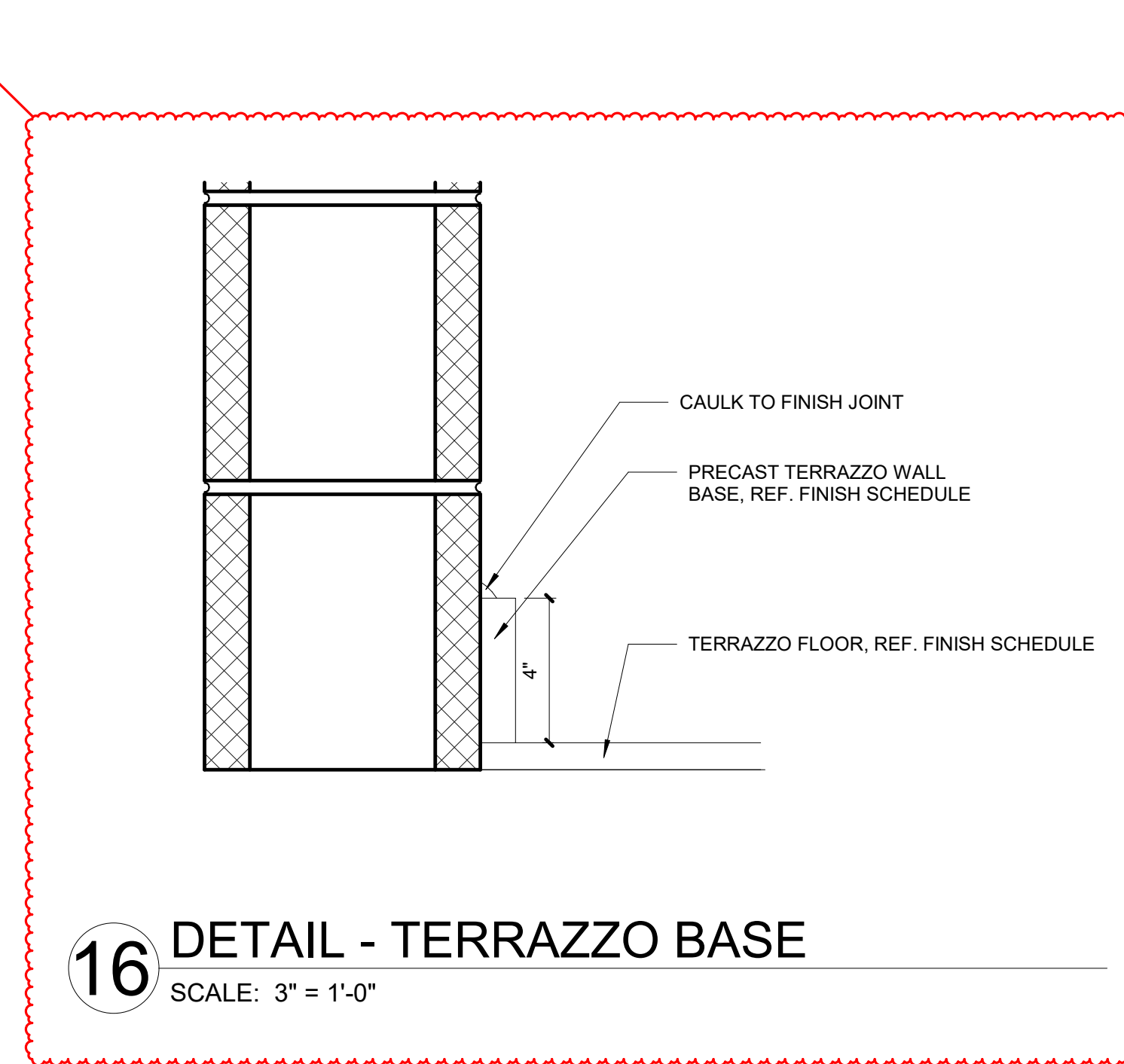




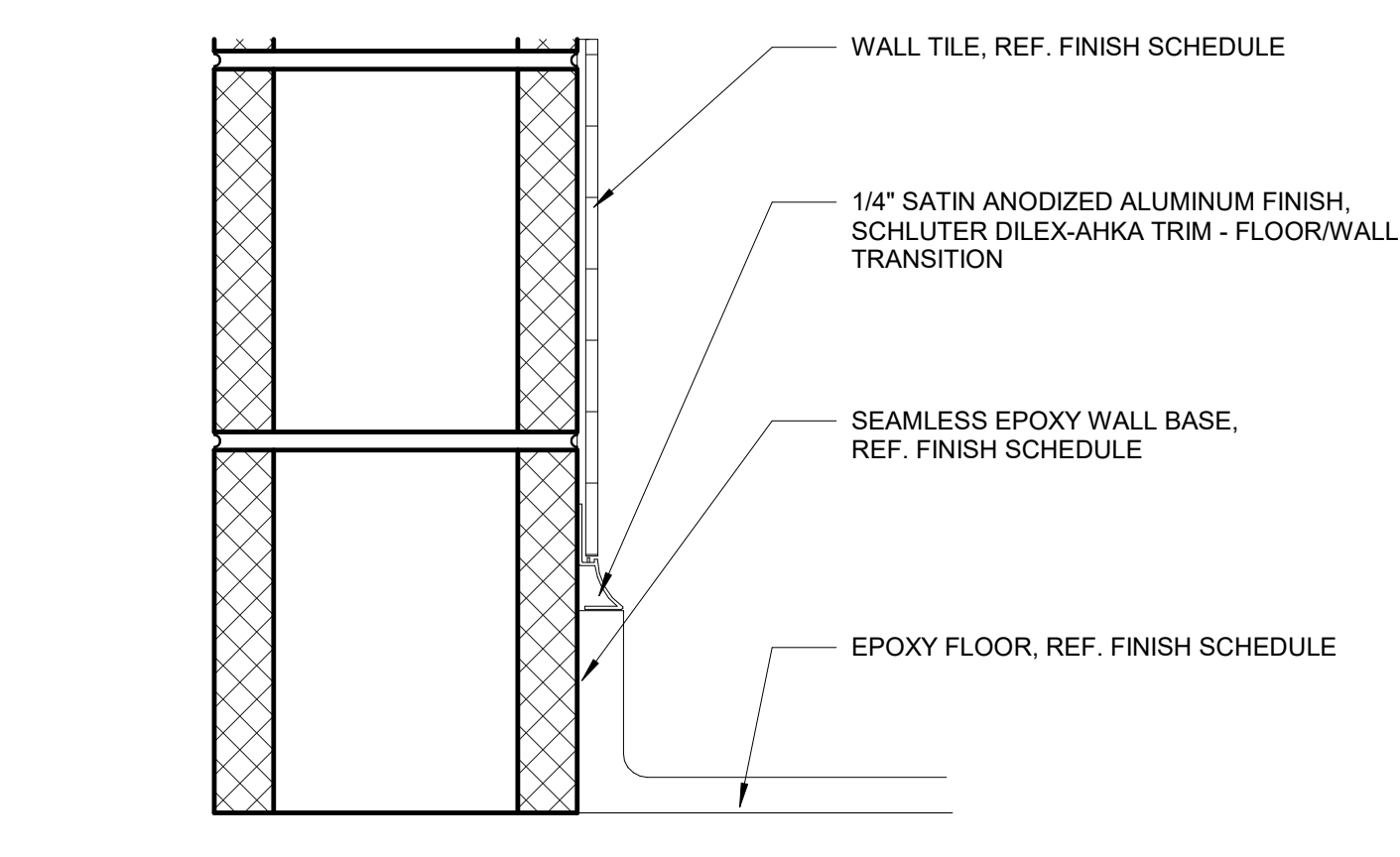
REVISIONS:	#	Date	Desc.
	3	09/26/2023	ADDENDUM 03
	2		

100% CONSTRUCTION DOCUMENT	
PROJECT:	#22130
DATE:	08-11-2023
DRAWN BY:	Author

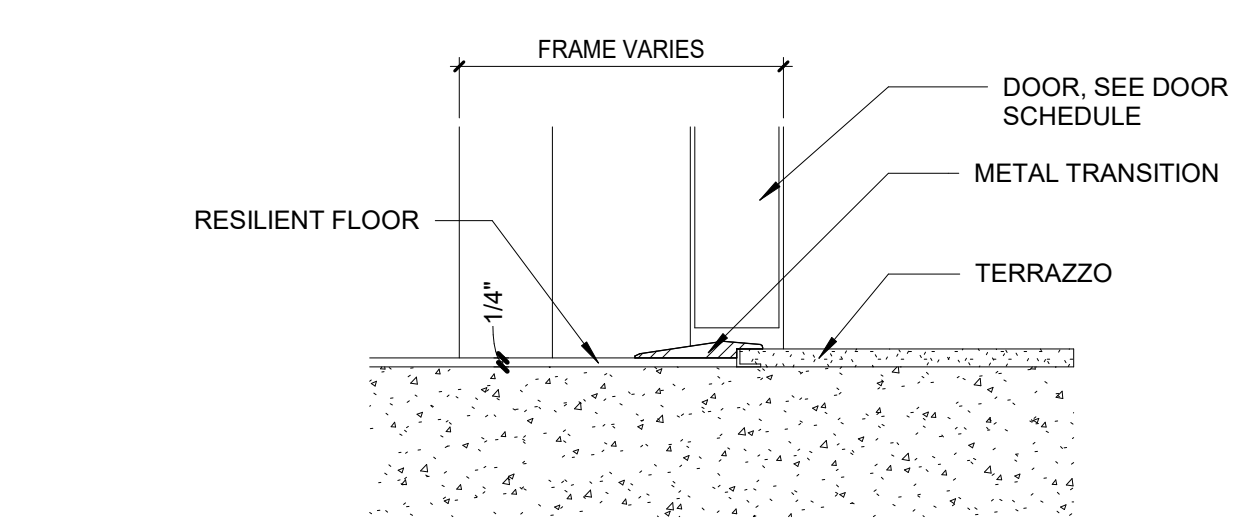
INTERIOR
TRANSITION
DETAILS



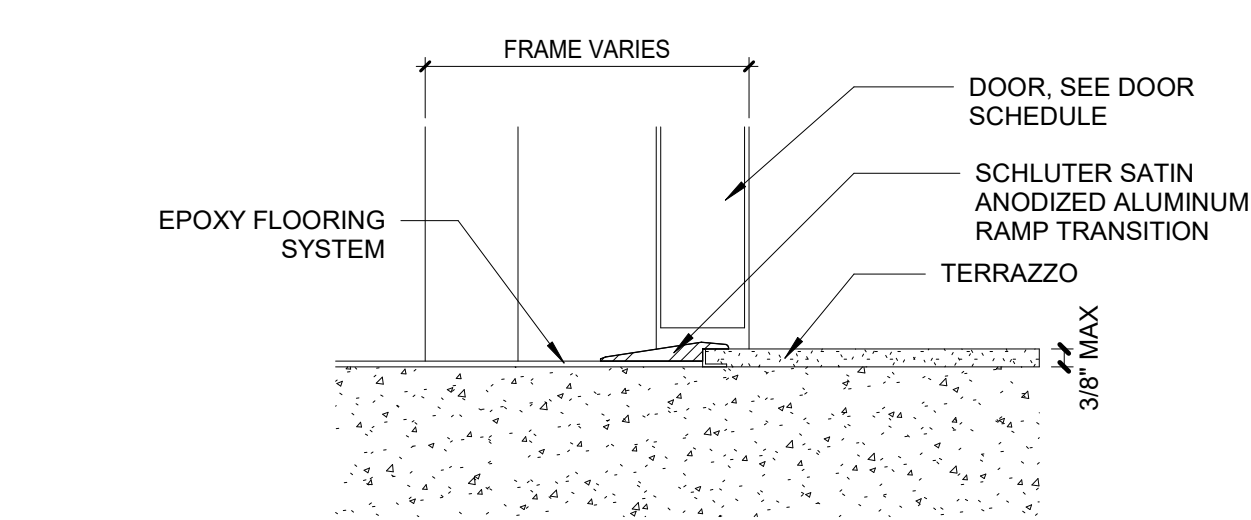
16 DETAIL - TERRAZZO BASE
SCALE: 3" = 1'-0"



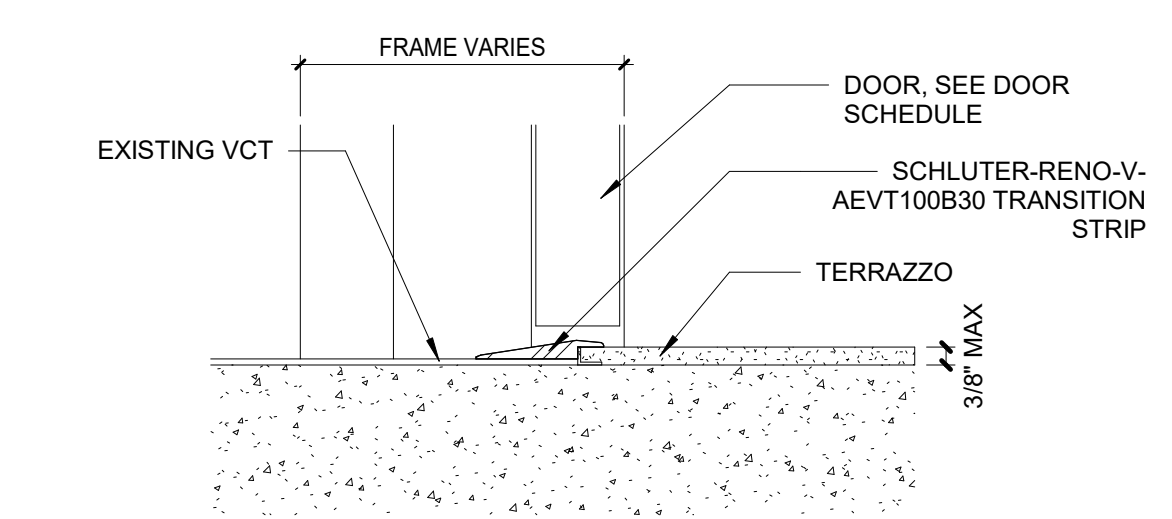
15 DETAIL - EPOXY BASE TO WALL TILE
SCALE: 3" = 1'-0"



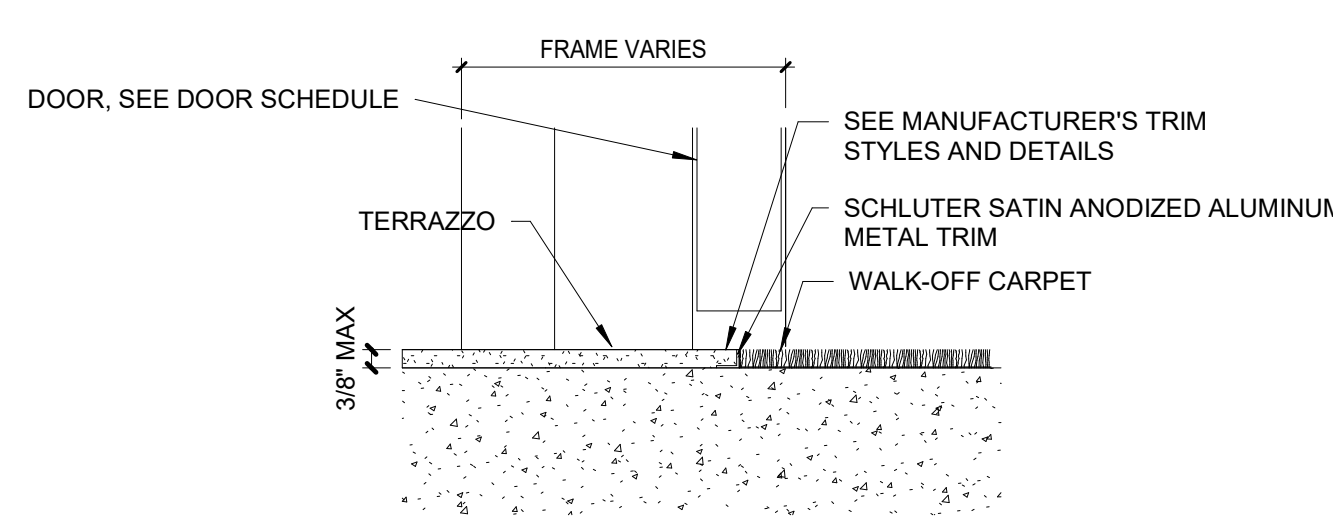
14 DETAIL- RESILIENT FLOOR TO TERRAZZO
SCALE: 3" = 1'-0"



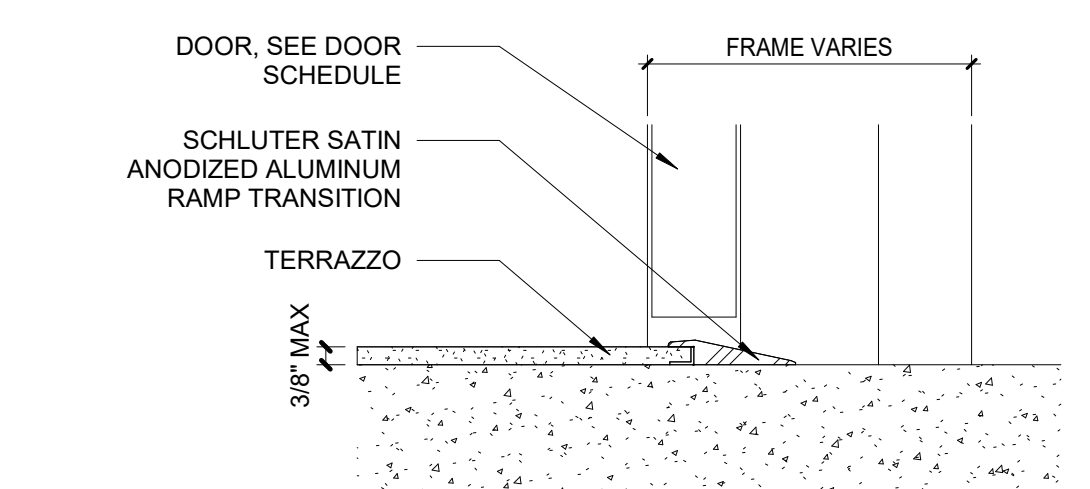
13 DETAIL-EPOXY TO TERRAZZO
SCALE: 3" = 1'-0"



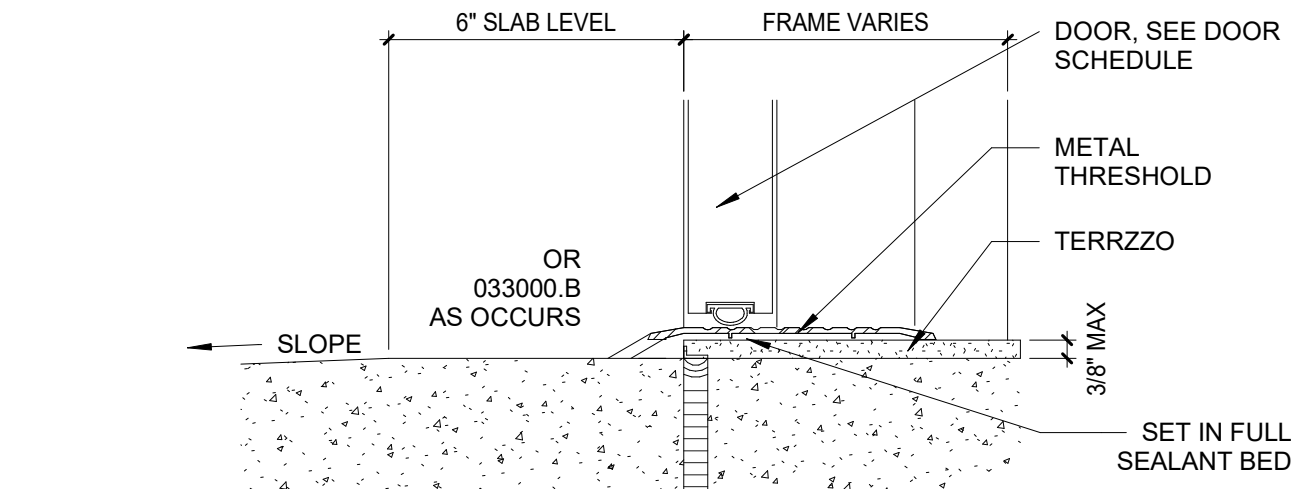
12 DETAIL-VCT TO TERRAZZO
SCALE: 3" = 1'-0"



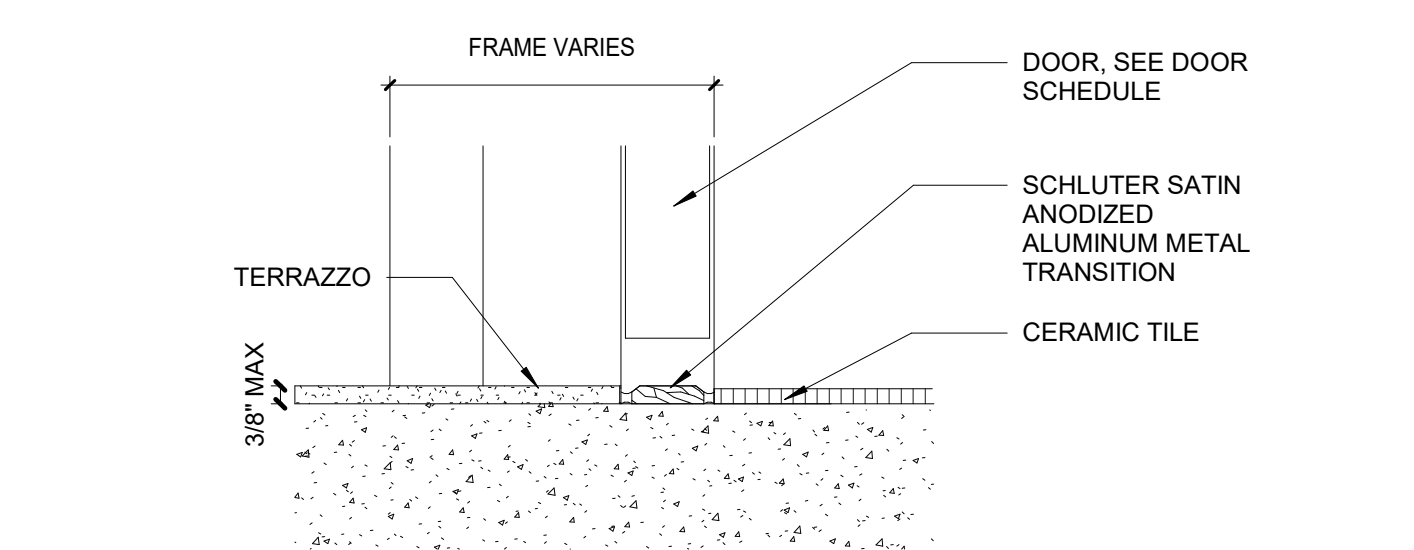
11 DETAIL-TERRAZZO TO WALK OFF
SCALE: 3" = 1'-0"



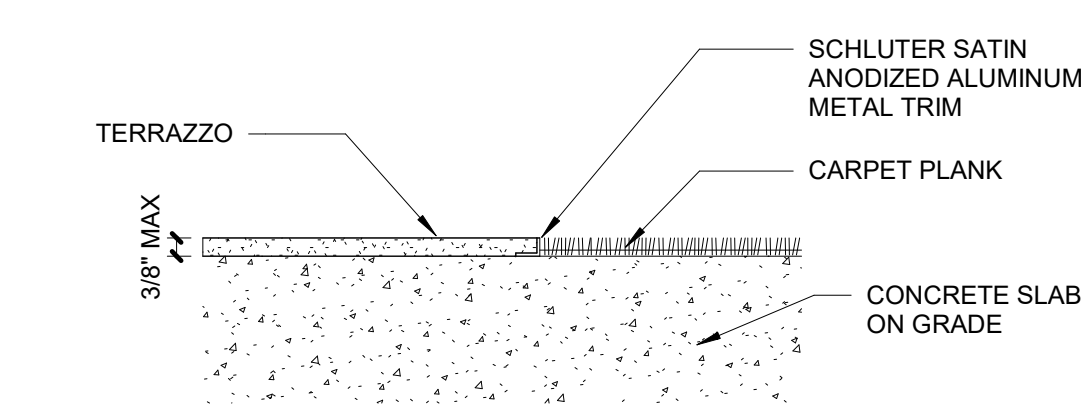
10 DETAIL-TERRAZZO TO CONCRETE
SCALE: 3" = 1'-0"



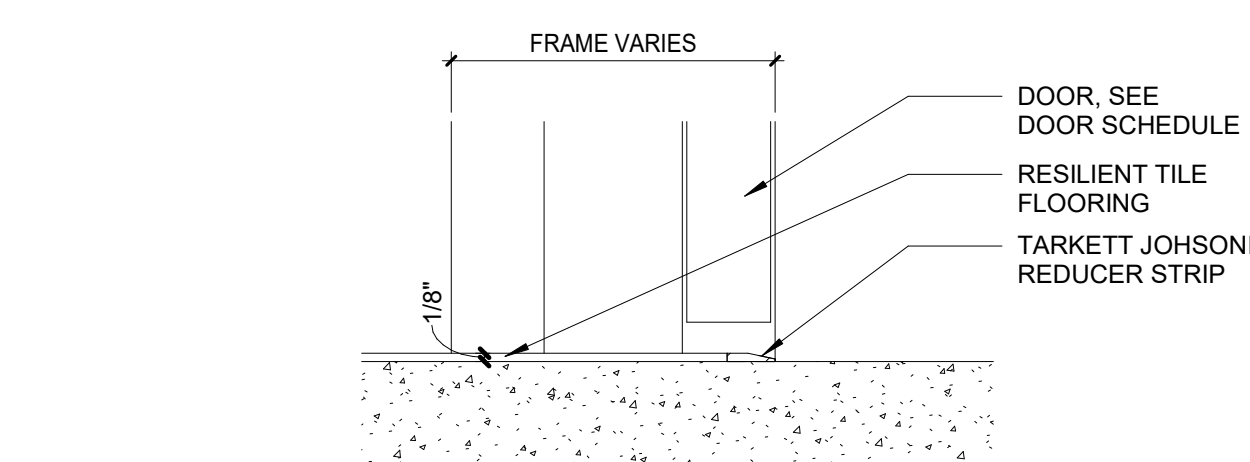
9 DETAIL-TERRAZZO TO EXT. CONCRETE
SCALE: 3" = 1'-0"



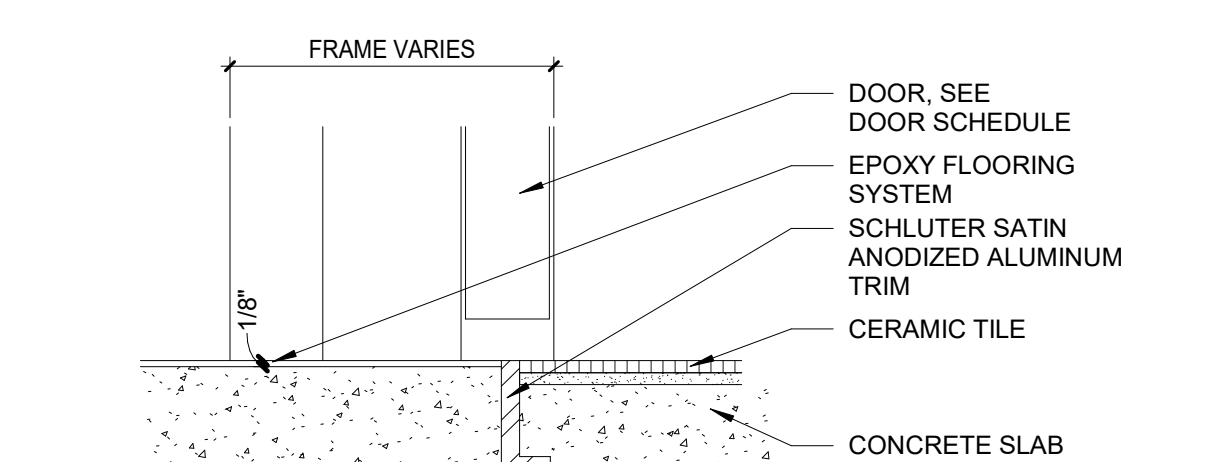
8 DETAIL-TERRAZZO TO CERAMIC TILE
SCALE: 3" = 1'-0"



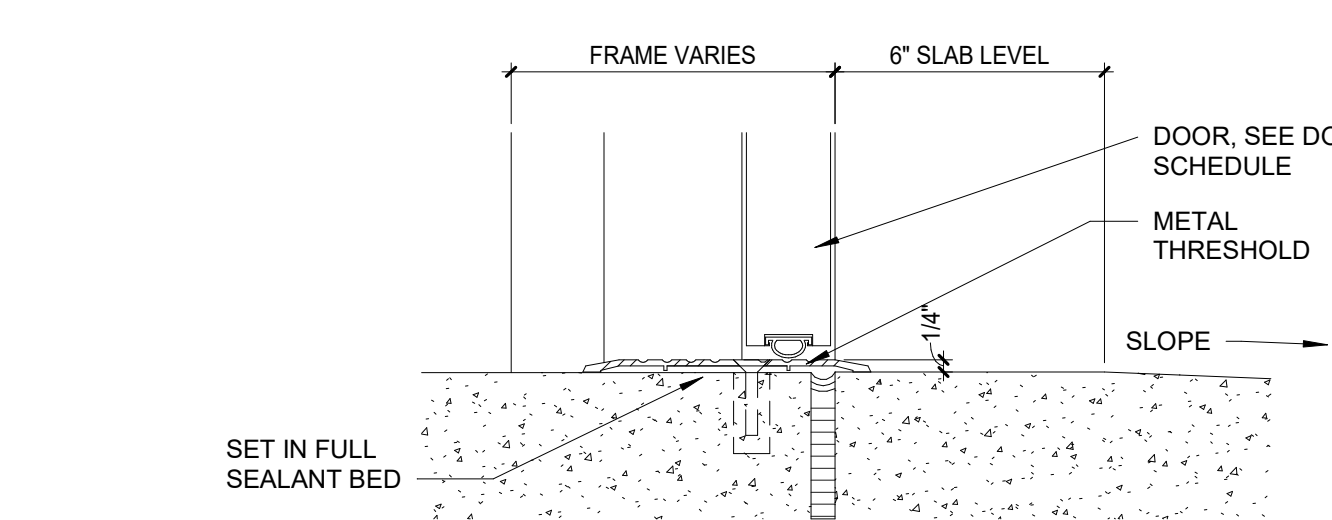
7 DETAIL-TERRAZZO TO CARPET
SCALE: 3" = 1'-0"



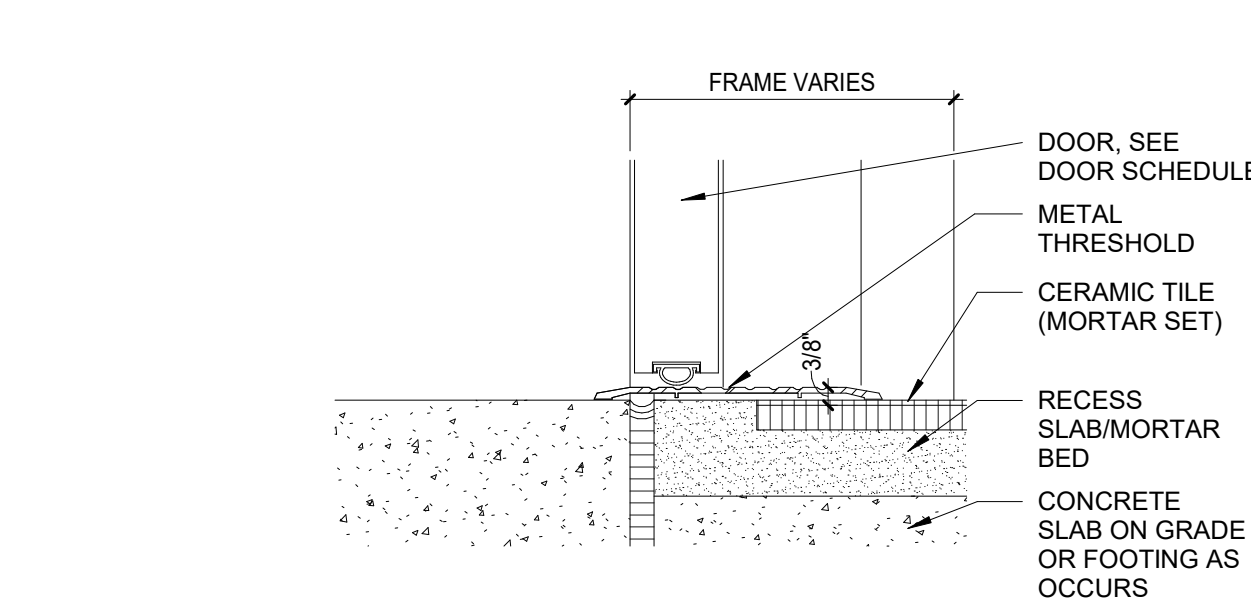
6 DETAIL-RESILIENT FLOOR TO CONCRETE
SCALE: 3" = 1'-0"



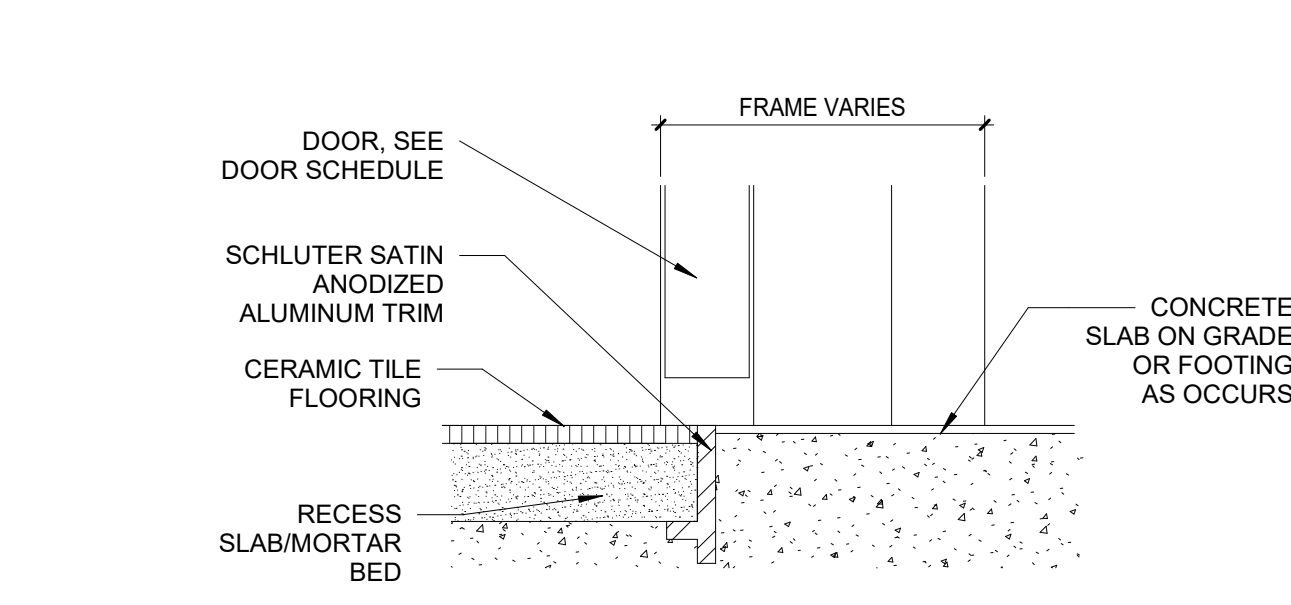
5 DETAIL-EPOXY TO CERAMIC TILE
SCALE: 3" = 1'-0"



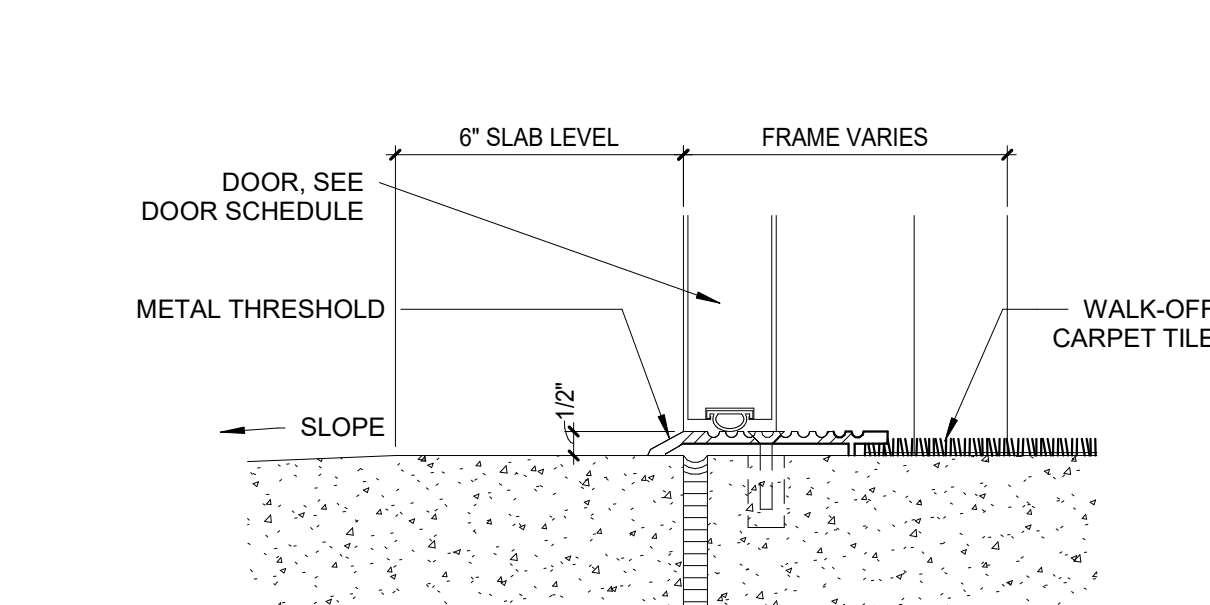
4 DETAIL- EXT. CONCRETE TO CONCRETE
SCALE: 3" = 1'-0"



3 DETAIL- EXT. CONCRETE TO CERAMIC TILE
SCALE: 3" = 1'-0"



2 DETAIL-CERAMIC TILE TO CONCRETE
SCALE: 3" = 1'-0"



1 DETAIL- EXT. CONCRETE TO WALK-OFF CARPET
SCALE: 3" = 1'-0"



September 26, 2023

Mr. Misha Belyayev
Lancer Associates Architecture
145 N. East Street
Indianapolis, IN 46204

RE: Whiteland Community High School Campus Improvements
Phase 1
Summary of Civil Revisions – Addendum No. 003

Misha:

Please see below for our response to the RFI's received to date; as well as, a summary of the plan revisions, dated September 26, 2023, which are associated with Addendum No. 003 for the above referenced project:

RFI: *how many underground detention systems are included in Phase 1?*

Answer: Phase 1 includes one (1) proposed underground detention system consisting of 208 Stormtech MC-3500 chambers as manufactured by ADS. With that said, it should be noted that the project also includes installing new end caps, an outlet manifold, and an outlet structure on an existing Stormtech SC-740 system onsite as shown on the Drainage Plan (sheet 600). As shown on the civil plans, a new parking lot will be constructed over the existing Stormtech SC-740 system and the contractor will be responsible for preserving and protecting the chambers for the duration of construction while existing topsoil is stripped, fill material placed and compacted over the existing chambers, and the asphalt pavement section is installed.

RFI: *I assist a sitework contractor whom is putting a bid together for the above referenced project your firm designed, we are needing clarification on the storm sewer pipe material referenced "PP pipe".*

Answer: The storm sewer labeled "PP pipe" refers to polypropylene pipe described in the technical specifications Section 334200 – Stormwater Conveyance, Part 2 – Products, 2.4.

RFI: *For the site concrete layout: You have site plans and details on L101, L102, L601, and L602 but you also have site plans and details on 301,302, 1001, and 1001. Some of the details and materials are conflicting. Which sheets should I refer to for correct locations of materials and details, etc.?*

Answer: Bidders should refer to the Site Dimension Plans (sheets 301-302) and Miscellaneous Details (sheet 1000) from the civil plans for the straight curb ("C"), sloped curb ("C1"), and ADA curb ramp ("F") material tags and details. Bidders should refer to the Materials Plan (sheets L101-L102), Site Layout Plan (sheets L201-L202), and Site Details (sheets L601-L602) from Context's site design plans for the site concrete including concrete pavement, integral concrete curb and walk, seat walls, and stairs. In response to the RFI above, the civil plans have been revised as part of Addendum No. 003 as summarized below:

- **Site Dimension Plan (sheets 301-302)** – the concrete sidewalk (“D”) and integral concrete curb & sidewalk (“D1”) tags have been replaced with the concrete type 01 (“P01”) tags to match the Materials Plan (sheets L101-L102) prepared by Context. The typical concrete section (“G”) tag has also been replaced with the concrete, heavy duty, 6” with rebar (“P03”) tag.
- **Miscellaneous Details (sheet 1000)** – the flush integral curb & sidewalk (“D2”) and typical concrete pavement section (“G”) details have been deleted. Bidders shall refer to the Site Details (sheet L601) prepared by Context.

In addition to the revisions above, the following plan sheets have also been revised as part of Addendum No. 003:

- **Utility Plan (sheet 400)** – revised invert elevation of existing 8” roof drain connecting to Str. No. 38 from north based test hole data.
- **Grading Plan (sheet 500)** – revised to indicate that a 6” tall curb is required along the south side of the concrete walk near the south natatorium entrance.
- **Grading Plan (sheet 501)** – revised to more clearly indicate that a transition from 0” to 6” curb height is required on both ends of the A.D.A. parking spaces.

Please find the revised construction plans enclosed. Please feel free to contact me at 317-780-1555 ext. 135 or dsnyder@crossroadengineers.com if you have any questions or need additional information on these subjects.

Sincerely,
CrossRoad Engineers, P.C.

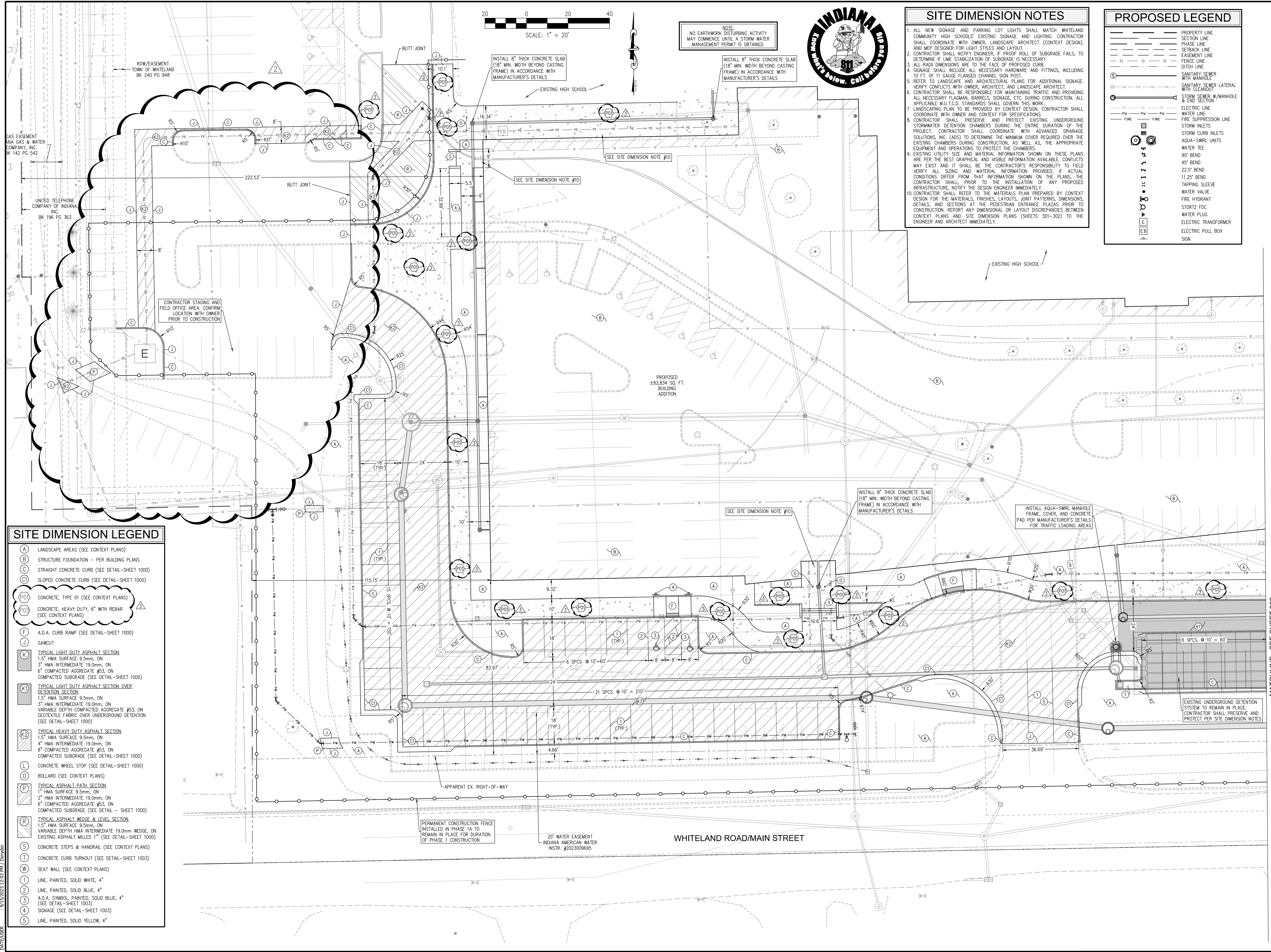


Derek M. Snyder, P.E.
Project Engineer

DIRECTORY PATH : R:\Active\Lincoln+Blade\Whiteland High School\Design\CAD\Plans\PHASE 1
DATE: 01/15/2023 12:03 PM / Designer

SITE DIMENSION LEGEND

- (A) LANDSCAPE AREAS (SEE CONTEXT PLANS)
- (B) STRUCTURE FOUNDATION - PER BUILDING PLANS
- (C) STRAIGHT CONCRETE CURB (SEE DETAIL-SHEET 1000)
- (C1) SLOPED CONCRETE CURB (SEE DETAIL-SHEET 1000)
- (PO1) CONCRETE, TYPE 01 (SEE CONTEXT PLANS)
- (PO3) CONCRETE, HEAVY DUTY, 6" WITH REBAR (SEE CONTEXT PLANS)
- (F) A.D.A. CURB RAMP (SEE DETAIL-SHEET 1000)
- (J) SAWCUT
- (K) TYPICAL LIGHT DUTY ASPHALT SECTION
1.5" HMA SURFACE 9.5mm, ON
3" HMA INTERMEDIATE 19.0mm, ON
6" COMPACTED AGGREGATE #53, ON
COMPACTED SUBGRADE (SEE DETAIL-SHEET 1000)
- (K1) TYPICAL LIGHT DUTY ASPHALT SECTION OVER
DETENTION SECTION
1.5" HMA SURFACE 9.5mm, ON
3" HMA INTERMEDIATE 19.0mm, ON
VARIABLE DEPTH COMPACTED AGGREGATE #53, ON
GEOTEXTILE FABRIC OVER UNDERGROUND DETENTION
(SEE DETAIL-SHEET 1000)
- (K2) TYPICAL HEAVY DUTY ASPHALT SECTION
1.5" HMA SURFACE 9.5mm, ON
4" HMA INTERMEDIATE 19.0mm, ON
8" COMPACTED AGGREGATE #53, ON
COMPACTED SUBGRADE (SEE DETAIL-SHEET 1000)
- (L) CONCRETE WHEEL STOP (SEE DETAIL-SHEET 1000)
- (O) BOLLARD (SEE CONTEXT PLANS)
- (P) TYPICAL ASPHALT PATH SECTION
1" HMA SURFACE 9.5mm, ON
2" HMA INTERMEDIATE 19.0mm, ON
6" COMPACTED AGGREGATE #53, ON
COMPACTED SUBGRADE (SEE DETAIL-SHEET 1000)
- (R) TYPICAL ASPHALT WEDGE & LEVEL SECTION
1.5" HMA SURFACE 9.5mm, ON
VARIABLE DEPTH HMA INTERMEDIATE 19.0mm WEDGE, ON
EXISTING ASPHALT MILLED 1" (SEE DETAIL-SHEET 1000)
- (S) CONCRETE STEPS & HANDRAIL (SEE CONTEXT PLANS)
- (T) CONCRETE CURB TURNOUT (SEE DETAIL-SHEET 1003)
- (W) SEAT WALL (SEE CONTEXT PLANS)
- (1) LINE, PAINTED, SOLID WHITE, 4"
- (2) LINE, PAINTED, SOLID BLUE, 4"
- (3) A.D.A. SYMBOL, PAINTED, SOLID BLUE, 4"
(SEE DETAIL-SHEET 1003)
- (4) SIGNAGE (SEE DETAIL-SHEET 1003)
- (5) LINE, PAINTED, SOLID YELLOW, 4"



SITE DIMENSION NOTES

1. ALL NEW SIGNAGE AND PARKING LOT LIGHTS SHALL MATCH WHITELAND COMMUNITY HIGH SCHOOLS' EXISTING SIGNAGE AND LIGHTING. CONTRACTOR SHALL COORDINATE WITH OWNER, LANDSCAPE ARCHITECT (CONTEXT DESIGN), AND MEP DESIGNER FOR LIGHT STYLES AND LAYOUT.
2. CONTRACTOR SHALL NOTIFY ENGINEER, IF PROOF ROLL OF SUBGRADE FAILS, TO DETERMINE IF LINE STABILIZATION OF SUBGRADE IS NECESSARY.
3. ALL RADII DIMENSIONS ARE TO THE FACE OF PROPOSED CURB.
4. SIGNAGE SHALL INCLUDE ALL NECESSARY HARDWARE AND FITTINGS, INCLUDING 10 FT. OF 11 GAUGE FLANGED CHANNEL SIGN POST.
5. REFER TO LANDSCAPE AND ARCHITECTURAL PLANS FOR ADDITIONAL SIGNAGE. VERIFY CONFLICTS WITH OWNER, ARCHITECT, AND LANDSCAPE ARCHITECT.
6. CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS WORK.
7. LANDSCAPING PLAN TO BE PROVIDED BY CONTEXT DESIGN. CONTRACTOR SHALL COORDINATE WITH OWNER AND CONTEXT FOR SPECIFICATIONS.
8. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND STORMWATER DETENTION CHAMBERS DURING THE ENTIRE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH ADVANCED DRAINAGE SOLUTIONS, INC. (ADS) TO DETERMINE THE MINIMUM COVER REQUIRED OVER THE EXISTING CHAMBERS DURING CONSTRUCTION, AS WELL AS, THE APPROPRIATE EQUIPMENT AND OPERATIONS TO PROTECT THE CHAMBERS.
9. EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.
10. CONTRACTOR SHALL REFER TO THE MATERIALS PLAN PREPARED BY CONTEXT DESIGN FOR THE MATERIALS, FINISHES, LAYOUTS, JOINT PATTERNS, DIMENSIONS, DETAILS, AND SECTIONS AT THE PEDESTRIAN ENTRANCE PLAZAS PRIOR TO CONSTRUCTION. REPORT ANY DIMENSIONAL OR LAYOUT DISCREPANCIES BETWEEN CONTEXT PLANS AND SITE DIMENSION PLANS (SHEETS 301-302) TO THE ENGINEER AND ARCHITECT IMMEDIATELY.

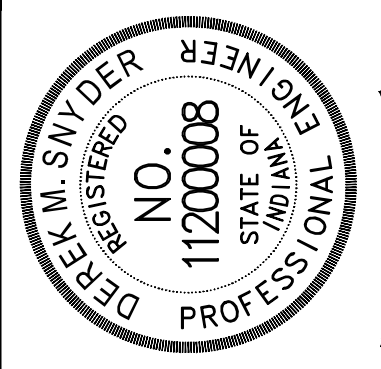
PROPOSED LEGEND

- PROPERTY LINE
- SECTION LINE
- PHASE LINE
- STATION LINE
- EASEMENT LINE
- FENCE LINE
- DITCH LINE
- SANITARY SEWER WITH MANHOLE
- SANITARY SEWER LATERAL WITH CLEANOUT
- STORM SEWER W/MANHOLE & END SECTION
- ELECTRIC LINE
- WATER LINE
- FIRE SUPPRESSION LINE
- STORM INLETS
- STORM CURB INLETS
- AQUA-SWIRL UNITS
- WATER TEE
- 90° BEND
- 45° BEND
- 22.5° BEND
- 11.25° BEND
- TAPPING SLEEVE
- WATER VALVE
- FIRE HYDRANT
- STORMT FDC
- WATER PLUG
- ELECTRIC TRANSFORMER
- ELECTRIC PULL BOX
- SIGN

SITE DIMENSION PLAN

WHITELAND HIGH SCHOOL PHASE 1

JOB No.	DRAWN	KLF	CHECKED	TEN	GJJ
DATE	JULY 5, 2023	DESIGNED	DMS	APPR.	

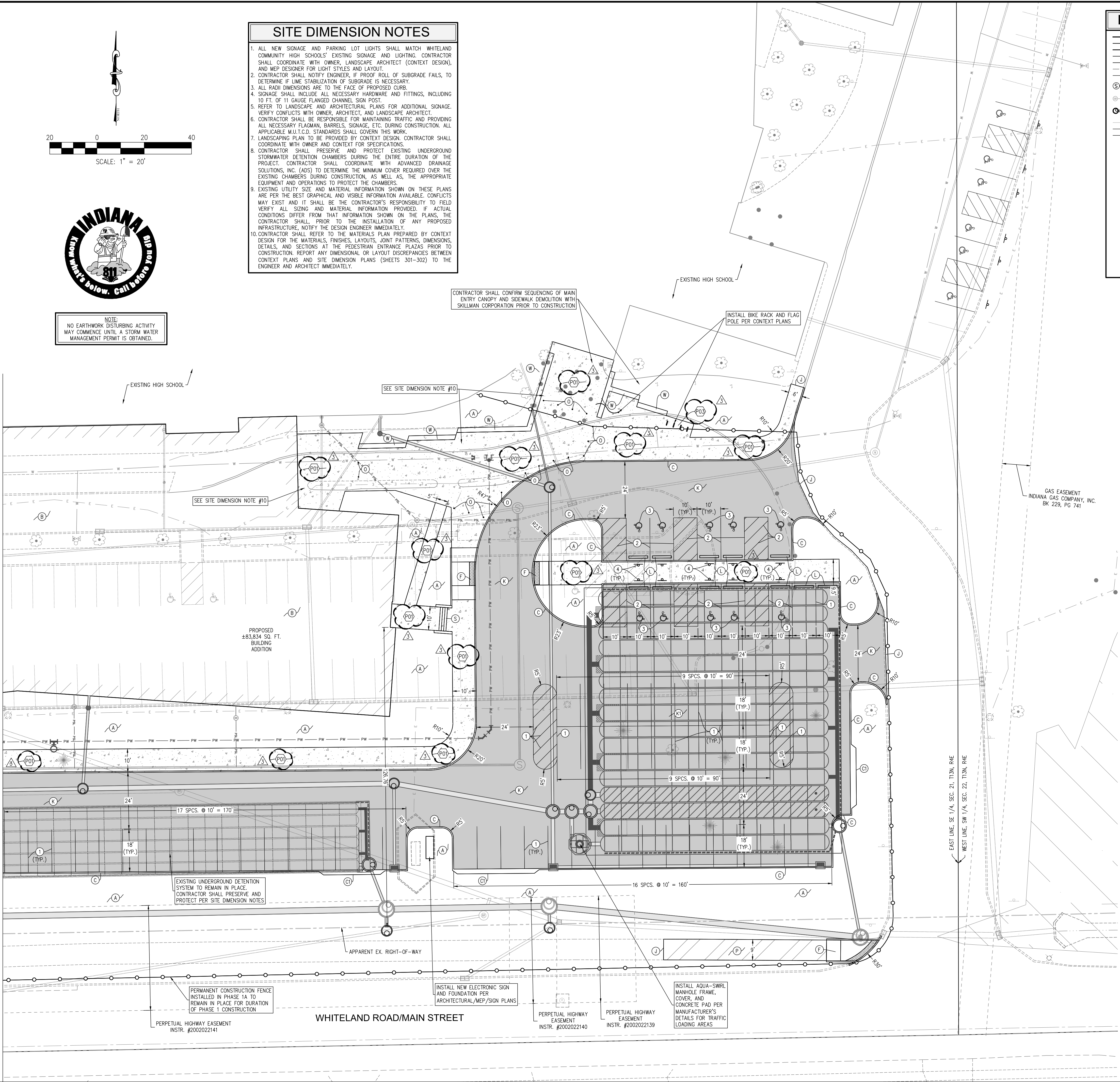


Date M. Snyder

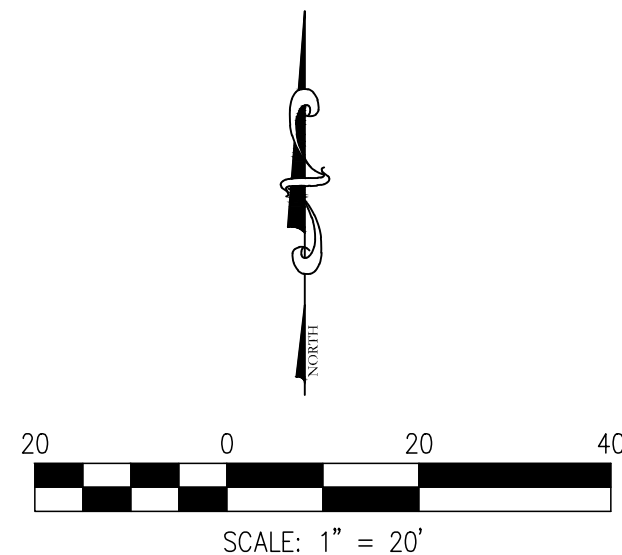
REVISIONS	NO.	DATE	BY	APPR.
REVISIONS PER ADDENDUM NO. 003		09.28.23		
REVISIONS PER ADDENDUM NO. 002		09.06.23		
REVISIONS PER ADDENDUM NO. 001		08.30.23		
REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT		07.28.23		

DIRECTORY PATH : R:\Active\Unlabeled\Whiteland High School\Design\CAD\Plans\PHASE 1
DATE/USER : 9/15/2023 11:57 AM / D:\miller

MATCHLINE - SEE SHEET 301



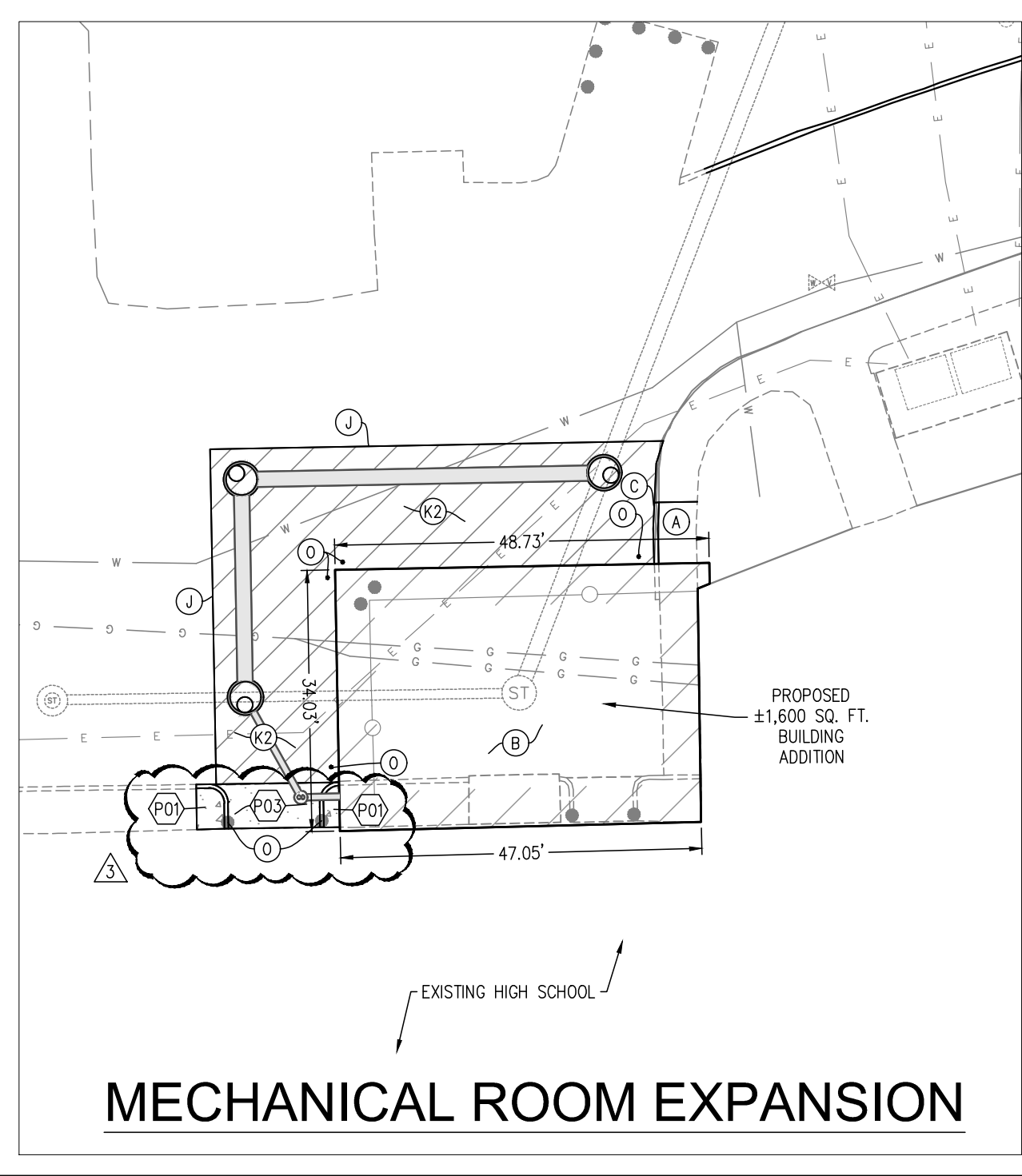
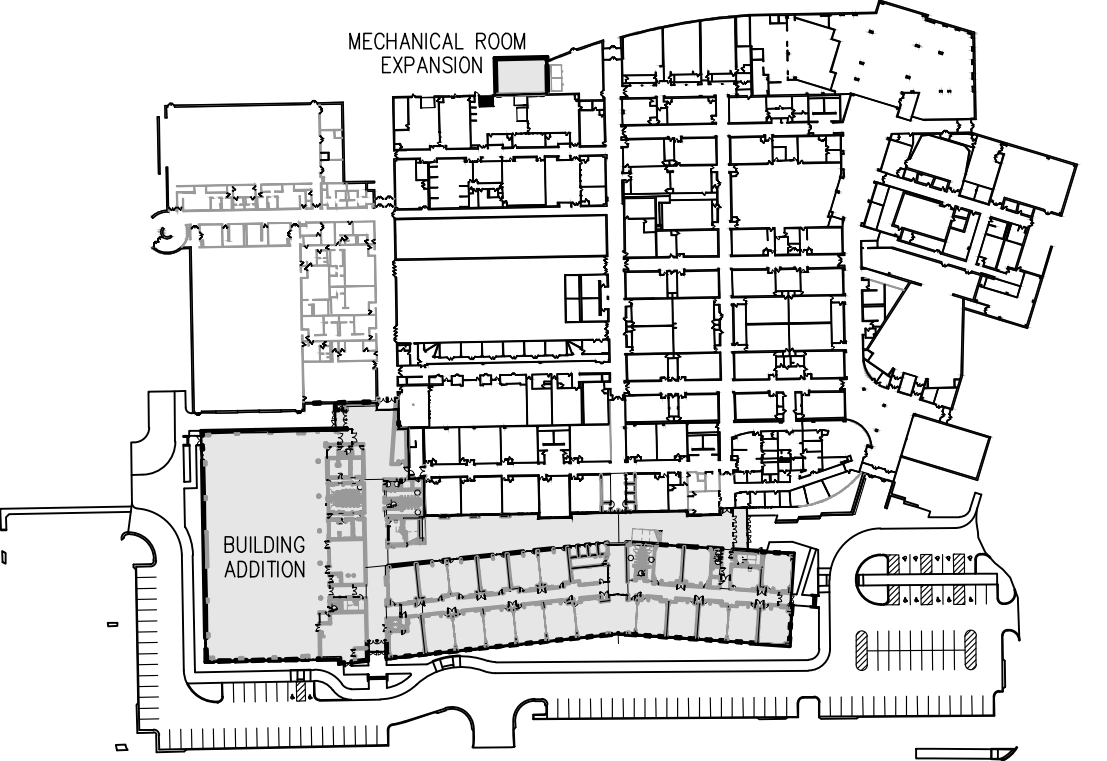
- ### SITE DIMENSION NOTES
- ALL NEW SIGNAGE AND PARKING LOT LIGHTS SHALL MATCH WHITELAND COMMUNITY HIGH SCHOOLS' EXISTING SIGNAGE AND LIGHTING. CONTRACTOR SHALL COORDINATE WITH OWNER, LANDSCAPE ARCHITECT (CONTEXT DESIGN), AND MEP DESIGNER FOR LIGHT STYLES AND LAYOUT.
 - CONTRACTOR SHALL NOTIFY ENGINEER, IF PROOF ROLL OF SUBGRADE FAILS, TO DETERMINE IF LIME STABILIZATION OF SUBGRADE IS NECESSARY.
 - ALL RADI DIMENSIONS ARE TO THE FACE OF PROPOSED CURB.
 - SIGNAGE SHALL INCLUDE ALL NECESSARY HARDWARE AND FITTINGS, INCLUDING 10 FT. OF 11 GAUGE FLANGED CHANNEL SIGN POST.
 - REFER TO LANDSCAPE AND ARCHITECTURAL PLANS FOR ADDITIONAL SIGNAGE. VERIFY CONFLICTS WITH OWNER, ARCHITECT, AND LANDSCAPE ARCHITECT.
 - CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS WORK.
 - LANDSCAPING PLAN TO BE PROVIDED BY CONTEXT DESIGN. CONTRACTOR SHALL COORDINATE WITH OWNER AND CONTEXT FOR SPECIFICATIONS.
 - CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND STORMWATER DETENTION CHAMBERS DURING THE ENTIRE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH ADVANCED DRAINAGE SOLUTIONS, INC. (ADS) TO DETERMINE THE MINIMUM COVER REQUIRED OVER THE EXISTING CHAMBERS DURING CONSTRUCTION, AS WELL AS, THE APPROPRIATE EQUIPMENT AND OPERATIONS TO PROTECT THE CHAMBERS.
 - EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.
 - CONTRACTOR SHALL REFER TO THE MATERIALS PLAN PREPARED BY CONTEXT DESIGN FOR THE MATERIALS, FINISHES, LAYOUTS, JOINT PATTERNS, DIMENSIONS, DETAILS, AND SECTIONS AT THE PEDESTRIAN ENTRANCE PLAZAS PRIOR TO CONSTRUCTION. REPORT ANY DIMENSIONAL OR LAYOUT DISCREPANCIES BETWEEN CONTEXT PLANS AND SITE DIMENSION PLANS (SHEETS 301-302) TO THE ENGINEER AND ARCHITECT IMMEDIATELY.



NOTE:
NO EARTHWORK DISTURBING ACTIVITY
MAY COMMENCE UNTIL A STORM WATER
MANAGEMENT PERMIT IS OBTAINED.

- ### PROPOSED LEGEND
- PROPERTY LINE
 - SECTION LINE
 - PHASE LINE
 - SECT/BACK LINE
 - EASEMENT LINE
 - FENCE LINE
 - DITCH LINE
 - SANITARY SEWER WITH MANHOLE
 - SANITARY SEWER LATERAL WITH CLEANOUT
 - STORM SEWER W/MANHOLE
 - ELECTRIC LINE
 - WATER LINE
 - FIRE SUPPRESSION LINE
 - STORM INLETS
 - AQUA-SWIRL UNITS
 - WATER TEE
 - 90° BEND
 - 45° BEND
 - 22.5° BEND
 - 11.25° BEND
 - TAPPING SLEEVE
 - WATER VALVE
 - FIRE HYDRANT
 - STORMZ FDC
 - WATER PLUG
 - ELECTRIC TRANSFORMER
 - ELECTRIC PULL BOX
 - SIGN

- ### SITE DIMENSION LEGEND
- (A) LANDSCAPE AREAS (SEE CONTEXT PLANS)
 - (B) STRUCTURE FOUNDATION - PER BUILDING PLANS
 - (C) STRAIGHT CONCRETE CURB (SEE DETAIL-SHEET 1000)
 - (C1) SLOPED CONCRETE CURB (SEE DETAIL-SHEET 1000)
 - (P01) CONCRETE, TYPE 01 (SEE CONTEXT PLANS)
 - (P03) CONCRETE, HEAVY DUTY, 6" WITH REBAR (SEE CONTEXT PLANS)
 - (F) A.D.A. CURB RAMP (SEE DETAIL-SHEET 1000)
 - (J) SAWCUT
 - (K) TYPICAL LIGHT DUTY ASPHALT SECTION
1.5" HMA SURFACE 9.5mm, ON
3" HMA INTERMEDIATE 19.0mm, ON
6" COMPACTED AGGREGATE #53, ON
COMPACTED SUBGRADE (SEE DETAIL-SHEET 1000)
 - (K1) TYPICAL LIGHT DUTY ASPHALT SECTION OVER
DETENTION SECTION
1.5" HMA SURFACE 9.5mm, ON
3" HMA INTERMEDIATE 19.0mm, ON
VARIABLE DEPTH COMPACTED AGGREGATE #53, ON
GEOTEXTILE FABRIC OVER UNDERGROUND DETENTION
(SEE DETAIL-SHEET 1000)
 - (K2) TYPICAL HEAVY DUTY ASPHALT SECTION
1.5" HMA SURFACE 9.5mm, ON
4" HMA INTERMEDIATE 19.0mm, ON
8" COMPACTED AGGREGATE #53, ON
COMPACTED SUBGRADE (SEE DETAIL-SHEET 1000)
 - (L) CONCRETE WHEEL STOP (SEE DETAIL-SHEET 1000)
 - (O) BOLLARD (SEE CONTEXT PLANS)
 - (D) TYPICAL ASPHALT PATH SECTION
1" HMA SURFACE 9.5mm, ON
2" HMA INTERMEDIATE 19.0mm, ON
6" COMPACTED AGGREGATE #53, ON
COMPACTED SUBGRADE (SEE DETAIL - SHEET 1000)
 - (R) TYPICAL ASPHALT WEDGE & LEVEL SECTION
1.5" HMA SURFACE 9.5mm, ON
VARIABLE DEPTH HMA INTERMEDIATE 19.0mm WEDGE, ON
EXISTING ASPHALT MILLED 1" (SEE DETAIL-SHEET 1000)
 - (S) CONCRETE STEPS & HANDRAIL (SEE CONTEXT PLANS)
 - (T) CONCRETE CURB TURNOUT (SEE DETAIL-SHEET 1003)
 - (W) SEAT WALL (SEE CONTEXT PLANS)
 - (1) LINE, PAINTED, SOLID WHITE, 4"
 - (2) LINE, PAINTED, SOLID BLUE, 4"
 - (3) A.D.A. SYMBOL, PAINTED, SOLID BLUE, 4"
(SEE DETAIL-SHEET 1003)
 - (4) SIGNAGE (SEE DETAIL-SHEET 1003)
 - (5) LINE, PAINTED, SOLID YELLOW, 4"



CROSSROADS
ENGINEERS, PC
TRANSPORTATION
CONSULTANTS
115 N. 17th Street, Suite 400
Indianapolis, IN 46204-1000
(317) 634-1000

SITE DIMENSION PLAN

WHITELAND HIGH SCHOOL PHASE 1

JOB NO.	DRAWN	CHECKED	TEN	GJJ

DATE	JULY 5, 2023	DESIGNED	DMS	APPR.

DEREK M. SNYDER
REGISTERED
NO. 1120008
STATE OF INDIANA
PROFESSIONAL ENGINEER

DATE: M. Snyder

REVISIONS	NO.	DATE	BY	APPR.
REVISIONS PER ADEQUUM NO. 003				
REVISIONS PER ADEQUUM NO. 002				
REVISIONS PER ADEQUUM NO. 001				
REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT				

SHEET

302

EXISTING STORM SEWER STRUCTURE TABLE
STR. DATA
STR. NO. 25 EXISTING STORM MANHOLE RECONSTRUCT TO GRADE (EX. RM=797.92) INV IN (24"-NW)=794.07 INV OUT (24"-SE)=794.07 INV OUT (18"-E)=794.07
STR. NO. 26 EXISTING AQUA-SWIRL WATER QUALITY UNIT RECONSTRUCT TO GRADE (EX. RM=797.66) INV IN (18"-W)=794.06 INV OUT (18"-E)=794.06
STR. NO. 27 EXISTING STORM MANHOLE RECONSTRUCT TO GRADE (EX. RM=797.64) INV IN (24"-NW)=794.04 INV IN (18"-N)=794.04 INV OUT (24"-SE)=794.04

STORM SEWER STRUCTURE TABLE
STR. DATA
STR. NO. 28 INSTALL TYPE "L" MANHOLE WITH NEENAH CASTING R-3405-A OR AN APPROVED EQUAL AND 35 LFT OF 30" PP PIPE @ 0.46% RM=798.76 INV IN (24"-W)=794.00 INV IN (15"-E)=794.62 INV OUT (30"-S)=793.50
STR. NO. 29 INSTALL TYPE "K" MANHOLE WITH NEENAH CASTING R-1772 OR AN APPROVED EQUAL AND 102 LFT OF 30" PP PIPE @ 0.47% RM=798.25 INV IN (30"-W)=793.34 INV IN (15"-W)=794.78 INV OUT (30"-S)=793.34
STR. NO. 30 INSTALL TYPE "K" MANHOLE WITH NEENAH CASTING R-1772 OR AN APPROVED EQUAL AND 222 LFT OF 30" PP PIPE @ 0.47% RM=799.24 INV IN (30"-N)=792.86 INV OUT (30"-E)=792.86
STR. NO. 31 INSTALL TYPE "J" MANHOLE WITH NEENAH CASTING R-1772 OR AN APPROVED EQUAL AND 117 LFT OF 30" PP PIPE @ 0.90% RM=799.98 INV IN (30"-W)=791.82 INV IN (15"-S)=794.40 INV OUT (30"-E)=791.82

STORM SEWER STRUCTURE TABLE
STR. DATA
STR. NO. 32 INSTALL TYPE "L" MANHOLE WITH NEENAH CASTING R-1772 OR AN APPROVED EQUAL AND 238 LFT OF 30" PP PIPE @ 0.90% RM=797.75 INV IN (30"-W)=790.77 INV OUT (30"-E)=790.77
STR. NO. 38 INSTALL 12" NYLOPLAST DRAIN WITH H-10 PEDESTALIAN GRATE AND 116 LFT OF 12" VARIABLE RISE HEIGHT DURALSLT HOPE PIPE @ 0.30% RM=801.54 INV IN (8"-W)=798.00 INV OUT (12"-W)=797.94
STR. NO. 39 INSTALL 15" NYLOPLAST DRAIN WITH H-10 SOLID COVER AND 143 LFT OF 12" HOPE PIPE @ 1.70% RM=801.54 INV IN (12"-E)=797.59 INV OUT (12"-E)=797.59
STR. NO. 40 INSTALL 18" NYLOPLAST DRAIN WITH SOLID COVER AND 32 LFT OF 15" HOPE PIPE @ 0.90% RM=800.61 INV IN (12"-N)=795.16 INV IN (12"-S)=797.00 INV OUT (15"-W)=794.91

STORM SEWER STRUCTURE TABLE
STR. DATA
STR. NO. 41 INSTALL 12" NYLOPLAST DRAIN WITH SOLID COVER AND 53 LFT OF 12" SCH 40 PVC PIPE @ 0.48% RM=800.81 INV IN (4"-E)=797.92 INV OUT (12"-N)=797.25
STR. NO. 42 INSTALL TYPE "E" INLET WITH NEENAH R-3405-A CASTING OR AN APPROVED EQUAL AND 192 LFT OF 12" HOPE PIPE @ 0.30% RM=799.08 INV OUT (12"-E)=795.41
STR. NO. 43 INSTALL TYPE "I" INLET WITH NEENAH R-3405-A CASTING OR AN APPROVED EQUAL AND 140 LFT OF 18" HOPE PIPE @ 0.19% RM=799.08 INV IN (12"-W)=794.84 INV IN (12"-N)=795.50 INV OUT (18"-E)=794.34
STR. NO. 44 INSTALL 12" NYLOPLAST DRAIN WITH H-10 SOLID COVER AND 44 LFT OF 12" HOPE PIPE @ 1.10% RM=801.50 INV IN (10"-N)=797.70 INV OUT (12"-S)=795.98

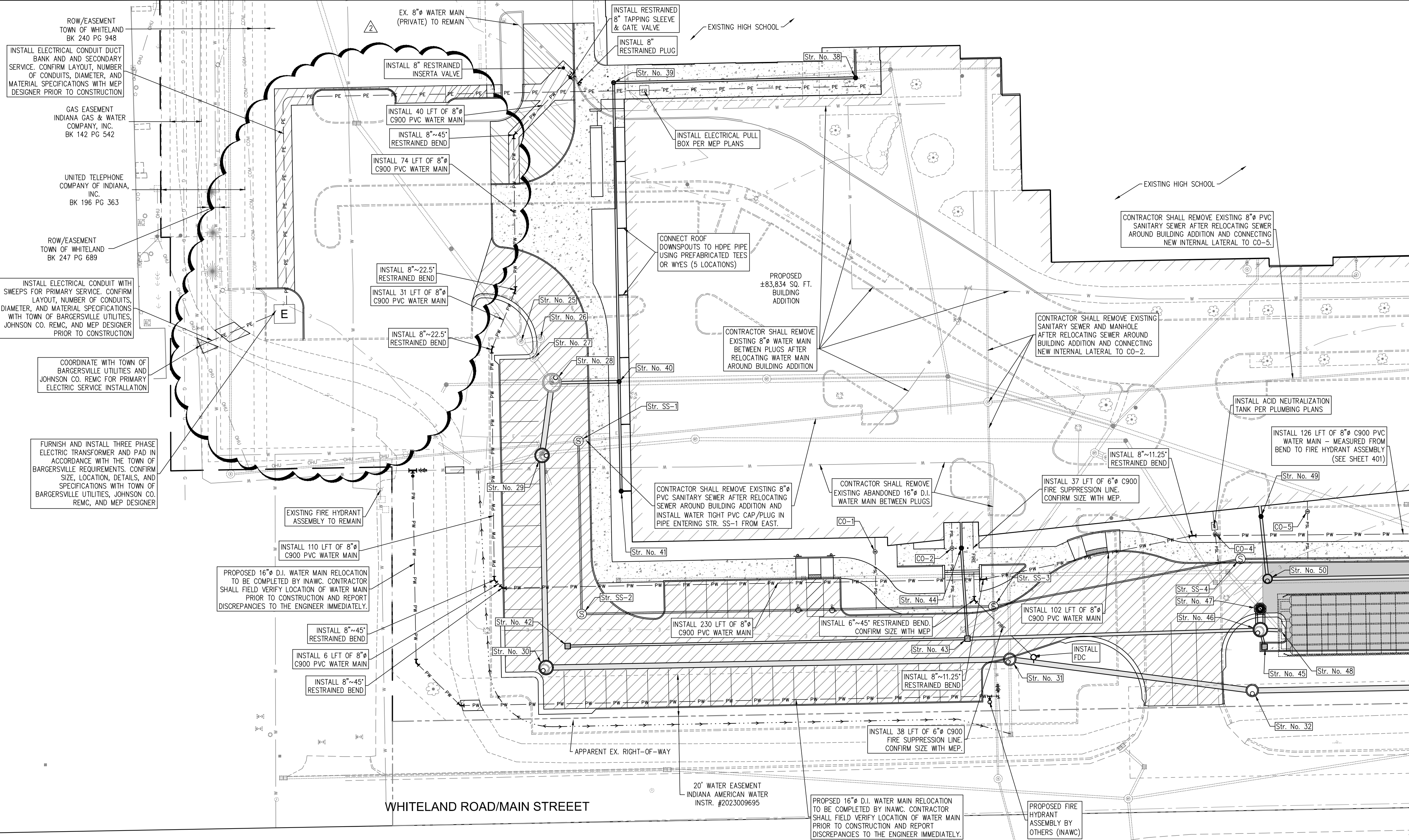
STORM SEWER STRUCTURE TABLE
STR. DATA
STR. NO. 45 INSTALL TYPE "E" INLET WITH NEENAH R-4215-C CASTING OR AN APPROVED EQUAL AND 8 LFT OF 15" HOPE PIPE @ 0.35% RM=797.90 INV OUT (12"-N)=794.24
STR. NO. 46 INSTALL MODIFIED TYPE "K" MANHOLE FOR WATER QUALITY DIVERSION STRUCTURE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 10 LFT OF 18" HOPE PIPE @ 0.31% RM=798.75 INV IN (18"-W)=794.07 INV IN (12"-N)=793.90 INV IN (12"-S)=794.21 INV OUT (18"-E)=793.91
STR. NO. 47 INSTALL PCS AQUA-SWIRL AS-4 IN OFFLINE HORSESHOE CONFIGURATION WITH 10 LFT OF 12" HOPE PIPE @ 0.80% RM=798.60 INV IN (12"-S)=793.98 INV OUT (12"-S)=793.98
STR. NO. 48 MECHANICALLY CORE EXISTING STORM MANHOLE AND CONNECT NEW 18" STORM SEWER. INSTALL NEENAH R-1772 CASTING OR AN APPROVED EQUAL RM=798.80 INV IN (18"-W)=793.88 INV IN (12"-S)=793.63 INV IN (12"-N)=793.93 INV OUT (24"-E)=793.88

STORM SEWER STRUCTURE TABLE
STR. DATA
STR. NO. 49 INSTALL 15" NYLOPLAST DRAIN WITH SOLID COVER AND 30 LFT OF 15" HOPE PIPE @ 1.99% RM=800.74 INV IN (14"-N)=796.70 INV OUT (15"-S)=794.65
STR. NO. 50 INSTALL TYPE "C" MANHOLE WITH NEENAH CASTING R-1772 OR AN APPROVED EQUAL AND 102 LFT OF 18" HOPE PIPE @ 1.00% RM=798.76 INV IN (15"-N)=794.05 INV OUT (18"-E)=793.80

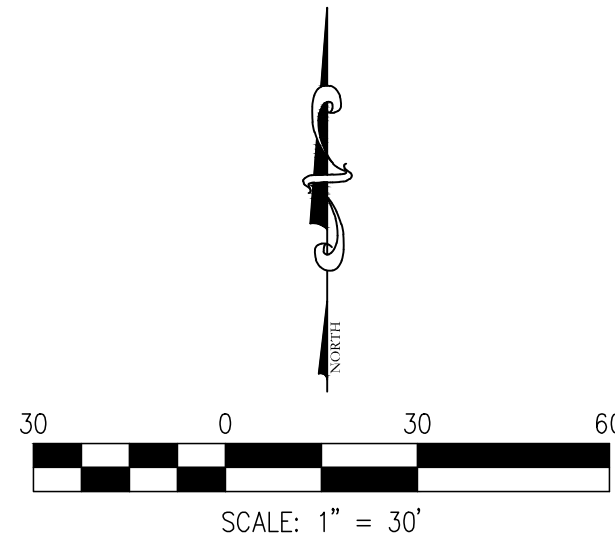
NOTE: STR. NO. 46 SHALL HAVE A 24" SUMP

SANITARY SEWER STRUCTURE TABLE
STR. DATA
STR. NO. SS-1 INSTALL SANITARY DOGHOUSE MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 83 LFT OF 10" SDR-35 PVC PIPE @ 0.37% RM=799.26 INV IN (10"-W)=791.57 INV OUT (10"-S)=791.47 INV OUT (10"-E)=791.57
STR. NO. SS-2 INSTALL SANITARY MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 197 LFT OF 10" SDR-35 PVC PIPE @ 0.39% RM=799.24 INV IN (10"-N)=791.16 INV OUT (10"-E)=791.06
STR. NO. SS-3 INSTALL SANITARY DOGHOUSE MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL RM=799.92 INV IN (10"-W)=790.30 INV IN (10"-N)=790.20 INV IN (8"-E)=790.20 INV OUT (10"-S)=790.20
STR. NO. SS-4 INSTALL SANITARY MANHOLE WITH NEENAH R-1772 CASTING OR AN APPROVED EQUAL AND 121 LFT OF 8" SDR-35 PVC PIPE @ 0.40% RM=799.50 INV IN (8"-E)=790.68 INV OUT (8"-W)=790.68

SANITARY SEWER LATERAL TABLE					
INSTALL SANITARY CLEANOUT AND SDR 35 PVC LATERAL. MINIMUM SLOPE SHALL BE 1.04% UNLESS NOTED OTHERWISE BELOW.					
RUN	CLEANOUT TYPE	DIAMETER	LENGTH	SLOPE	U.S. INV.
ANT	Neutralization Tank	6"	4'	2.05%	798.28
1	TYPE 1	10"	27'	2.02%	795.20
2	TYPE 2	8"	28'	1.13%	790.70
4	TYPE 1	6"	14'	2.00%	798.20
5	TYPE 1	6"	22'	2.00%	796.70



MATCHLINE - SEE SHEET 401



PROPOSED LEGEND	
	PROPERTY LINE
	SECTION LINE
	PHASE LINE
	EASEMENT LINE
	FENCE LINE
	DITCH LINE
	SANITARY SEWER WITH MANHOLE
	SANITARY SEWER LATERAL WITH CLEANOUT
	STORM SEWER W/MANHOLE & END SECTION
	ELECTRIC LINE
	WATER LINE
	FIRE SUPPRESSION LINE
	STORM INLETS
	STORM CURB INLETS
	AQUA-SWIRL UNITS
	WATER TEE
	90° BEND
	45° BEND
	22.5° BEND
	11.25° BEND
	TAPPING SLEEVE
	FIRE HYDRANT
	STORM FDC
	WATER PLUG
	ELECTRIC TRANSFORMER
	ELECTRIC PULL BOX
	SIGN

EXISTING LEGEND	
	POWERPOLE
	POWERPOLE W/RISER
	POWERPOLE W/LIGHT
	LIGHT POLE
	ELECTRIC METER
	ELECTRIC BOX
	YARD LIGHT
	GUIDE WIRE
	TELEPHONE MANHOLE
	TELEPHONE RISER
	FIRE HYDRANT
	WATER MANHOLE
	WATER METER
	GAS METER
	CABLE TV RISER
	FIBER OPTIC BOX
	SIGN
	STORM ROUND INLET
	STORM CURB INLET
	RIGHT-OF-WAY MARKER
	TREE, BUSH & STUMP
	TEMP. BENCHMARK
	CONTOURS
	PROPERTY LINE
	SECTION LINE
	RIGHT-OF-WAY
	EASEMENT
	PAVEMENT LINE
	FIELD LINE
	PRIVACY FENCE
	CHAINLINK FENCE
	SPLIT RAIL FENCE
	DITCH
	FIBER OPTIC LINE
	GAS LINE
	TELEPHONE LINE
	WATER LINE
	CABLE TV LINE
	ELECTRIC LINE
	OVERHEAD UTILITY LINE
	TREE LINE
	SANITARY SEWER W/MANHOLE
	STORM SEWER W/ MANHOLE & END SECTION
	ASPHALT
	BUILDING
	CONCRETE
	GRAVEL

UTILITIES NOTES	
1.	CONTRACTOR SHALL BE RESPONSIBLE FOR MAINTAINING TRAFFIC AND PROVIDING ALL NECESSARY FLAGMAN, BARRELS, SIGNAGE, ETC. DURING CONSTRUCTION. ALL APPLICABLE M.U.T.C.D. STANDARDS SHALL GOVERN THIS WORK.
2.	CONTRACTOR SHALL REFER TO THE ELECTRICAL SITE PLAN PREPARED BY PRIMARY ENGINEERING, INC. FOR PARKING LOT LIGHTING AND SPECIFICATIONS.
3.	ALL STORM SEWER CASTINGS SHALL BE NPDES PHASE II COMPLIANT. CASTINGS SHALL BE MANUFACTURED WITH A STATEMENT SAYING: "DUMP NO WASTE, DRAINS TO RIVER" IN 1/2" RAISED LETTERS.
4.	ALL FIELD TILES DISTURBED DURING CONSTRUCTION MUST BE REPAIRED/CONNECTED TO NEW STORMWATER FACILITIES.
5.	CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND STORMWATER DETENTION CHAMBERS DURING THE ENTIRE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH ADVANCED DRAINAGE SOLUTIONS, INC. (ADS) TO DETERMINE THE MINIMUM COVER REQUIRED OVER THE EXISTING CHAMBERS DURING CONSTRUCTION, AS WELL AS, THE APPROPRIATE EQUIPMENT AND OPERATIONS TO PROTECT THE CHAMBERS.
6.	WATER MAIN INSTALLATION AND MATERIALS SHALL CONFORM TO THE TOWN OF WHITELAND TYPICAL CONSTRUCTION GUIDELINES AND DETAILS.
7.	TAPPING SLEEVES AND VALVES SHALL BE EJP OR MUELLER H-615, H-616 OR STAINLESS STEEL SLEEVES. TAPPING VALVES SHALL BE 2500 SERIES BY MUELLER OR AFE 2500.
8.	FIRE HYDRANT ASSEMBLIES SHALL BE SUPER CENTURION 250 HYDRANT BY MUELLER CO. WITH STORZ FITTING ON STEAMER WITH 5'-6" MIN. BURIAL DEPTH.
9.	ALL FITTINGS SHALL BE DUCTILE IRON (D.I.) WITH MECHANICAL JOINTS (M.J.) CONFORMING TO AWWA C-110, C-111, C-153, AND NSF-61. ALL WATER MAIN FITTINGS SHALL BE RESTRAINED IN ACCORDANCE WITH THE TOWN OF WHITELAND TYPICAL CONSTRUCTION GUIDELINES AND DETAILS.
10.	MEG-A-LUG RESTRAINER CLAMPS BY EBBA IRON, INC., FIELD-LOK GASKETS, OR ONE BOLT RESTRAINED FITTINGS SHALL BE USED ON EACH SIDE OF FITTINGS WHERE THE WATER MAIN CHANGES DIRECTION.
11.	CONTRACTOR SHALL COORDINATE CONSTRUCTION SEQUENCE WITH THE OWNER AND SKILLMAN CORPORATION AND MAINTAIN ACTIVE UTILITY SERVICES AT ALL TIMES. ALL TEMPORARY UTILITY SERVICE INTERRUPTIONS MUST BE APPROVED BY THE OWNER AND SKILLMAN CORPORATION PRIOR TO INSTALLATION OF IMPROVEMENTS.
12.	EXISTING UTILITY SIZE AND MATERIAL INFORMATION SHOWN ON THESE PLANS ARE PER THE BEST GRAPHICAL AND VISIBLE INFORMATION AVAILABLE. CONFLICTS MAY EXIST AND IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO FIELD VERIFY ALL SIZING AND MATERIAL INFORMATION PROVIDED. IF ACTUAL CONDITIONS DIFFER FROM THAT INFORMATION SHOWN ON THE PLANS, THE CONTRACTOR SHALL, PRIOR TO THE INSTALLATION OF ANY PROPOSED INFRASTRUCTURE, NOTIFY THE DESIGN ENGINEER IMMEDIATELY.
13.	CONTRACTOR SHALL CONNECT ROOF DRAINS TO STR. NO. 38, 44, 49, 51, AND 58 AS SHOWN. CONFIRM ROOF DRAIN LOCATIONS, DIAMETERS, AND INVERT ELEVATIONS EXISTING THE BUILDING WITH THE MEP PLANS PRIOR TO CONSTRUCTION.
14.	CONTRACTOR SHALL CONFIRM SANITARY LATERAL LOCATIONS, DIAMETERS, AND INVERT ELEVATIONS EXISTING THE BUILDING WITH THE MEP PLANS PRIOR TO CONSTRUCTION.

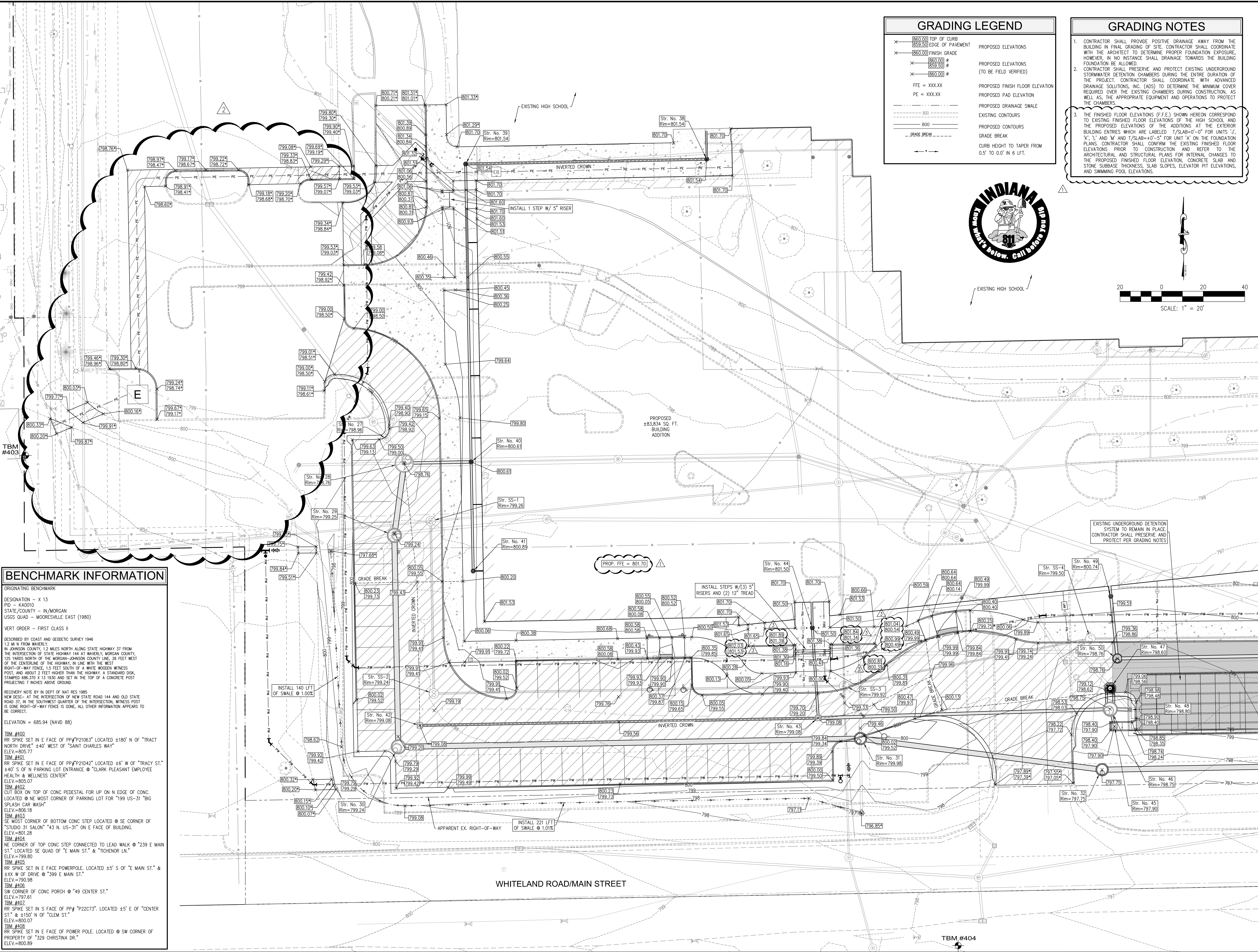


UTILITY PLAN		WHITELAND HIGH SCHOOL PHASE 1		CROSSROAD ENGINEERS, PC		400	
DESIGNED		DRAWN		CHECKED		APPROVED	
DATE		JOB NO.		TEN		SHEET	
JULY 5, 2023		KLF		DMS		400	
BY		REVISIONS		DATE		NO.	
		REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT		08.26.23		1	
		REVISIONS PER ADDENDUM NO. 003		09.06.23		2	
		REVISIONS PER ADDENDUM NO. 002		08.30.23		3	
		REVISIONS PER ADDENDUM NO. 001		07.28.23		4	

DIRECTORY PATH : R:\Active\Unclassified\Whiteland High School\Design\CAD\Plans\PHASE 1
DATE/USER : 01/15/2023 12:12 PM / Dwyer

BENCHMARK INFORMATION

ORIGINATING BENCHMARK
DESIGNATION - X 13
PID - KAD010
STATE/COUNTY - IN/MORGAN
USGS QUAD - MOORESVILLE EAST (1980)
VERT ORDER - FIRST CLASS II
DESCRIBED BY COAST AND GEODETIC SURVEY 1946
1.2 M N FROM WAVELEY,
IN JOHNSON COUNTY, 1.2 MILES NORTH ALONG STATE HIGHWAY 37 FROM
THE INTERSECTION OF STATE HIGHWAY 144 AT WAVELEY, MORGAN COUNTY,
125 YARDS NORTH OF THE MORGAN-JOHNSON COUNTY LINE, 25 FEET WEST
OF THE CENTERLINE OF THE HIGHWAY, IN LINE WITH THE WEST
RIGHT-OF-WAY FENCE, 1.5 FEET SOUTH OF A WHITE WOODEN WITNESS
POST, AND ABOUT 2 FEET HIGHER THAN THE HIGHWAY, A STANDARD DISK,
STAMPED 686.370 X 13 1930 AND SET IN THE TOP OF A CONCRETE POST
PROJECTING 7 INCHES ABOVE GROUND.
RECOVERY NOTES BY IN DEPT OF NAT RES 1985
NEW DESK - AT THE INTERSECTION OF NEW STATE ROAD 144 AND OLD STATE
ROAD 37, IN THE SOUTHWEST QUARTER OF THE INTERSECTION, WITNESS POST
IS ONE RIGHT-OF-WAY FENCE IS GONE, ALL OTHER INFORMATION APPEARS TO
BE CORRECT.
ELEVATION = 685.94 (NAVD 88)
TBM #400
RR SPIKE SET IN E FACE OF PP#P21063" LOCATED ±180' N OF "TRACT
NORTH DRIVE" ±40' WEST OF "SAINT CHARLES WAY"
ELEV.=805.77
TBM #401
RR SPIKE SET IN E FACE OF PP#P21042" LOCATED ±16' W OF "TRACY ST."
±40' S OF N PARKING LOT ENTRANCE @ "CLARK PLEASANT EMPLOYEE
HEALTH & WELLNESS CENTER"
ELEV.=805.07
TBM #402
CUT BOX ON TOP OF CONC PEDESTAL FOR UP ON N EDGE OF CONC.
LOCATED @ NE MOST CORNER OF PARKING LOT FOR "199 US-31" "BIG
SPLASH CAR WASH"
ELEV.=806.18
TBM #403
SE MOST CORNER OF BOTTOM CONC STEP LOCATED @ SE CORNER OF
"STUDIO 31 SALON" ±43 N US-31" ON E FACE OF BUILDING.
ELEV.=801.28
TBM #404
NE CORNER OF TOP CONC STEP CONNECTED TO LEAD WALK @ "239 E MAIN
ST." LOCATED SE QUAD OF "E MAIN ST." & "TIOHENOR LN."
ELEV.=799.80
TBM #405
RR SPIKE SET IN E FACE POWERPOLE, LOCATED ±5' S OF "E MAIN ST." &
±XX W OF DRIVE @ "399 E MAIN ST."
ELEV.=790.98
TBM #406
SW CORNER OF CONC PORCH @ "49 CENTER ST."
ELEV.=797.61
TBM #407
RR SPIKE SET IN S FACE OF PP# "P22073". LOCATED ±5' E OF "CENTER
ST." & ±150' N OF "CLEM ST."
ELEV.=800.07
TBM #408
RR SPIKE SET IN E FACE OF POWER POLE, LOCATED @ SW CORNER OF
PROPERTY OF "329 CHRISTINA DR."
ELEV.=800.89

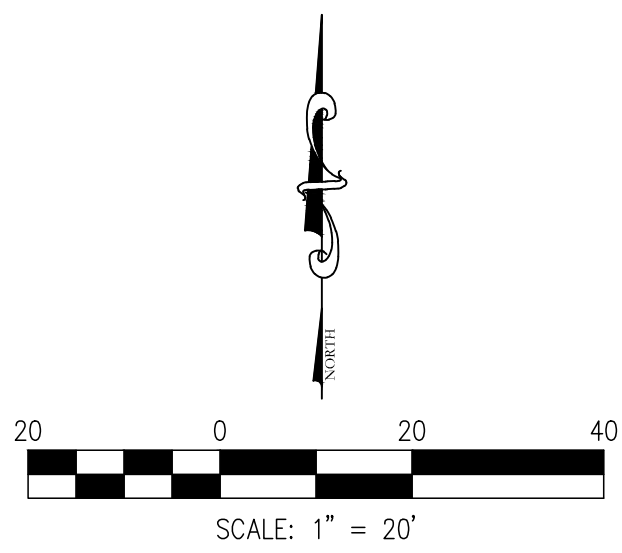


GRADING LEGEND	
X 860.00 TOP OF CURB	PROPOSED ELEVATIONS
X 859.50 EDGE OF PAVEMENT	PROPOSED ELEVATIONS
X 860.00 FINISH GRADE	(TO BE FIELD VERIFIED)
X 860.00 *	PROPOSED FINISH FLOOR ELEVATION
X 859.50 *	PROPOSED PAD ELEVATION
X 860.00 *	PROPOSED DRAINAGE SWALE
---	EXISTING CONTOURS
---	PROPOSED CONTOURS
---	GRADE BREAK
---	CURB HEIGHT TO TAPER FROM 0.5' TO 0.0' IN 6 LFT.

- GRADING NOTES
1. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING IN FINAL GRADING OF SITE. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT TO DETERMINE PROPER FOUNDATION EXPOSURE, HOWEVER, IN NO INSTANCE SHALL DRAINAGE TOWARDS THE BUILDING FOUNDATION BE ALLOWED.

2. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND STORMWATER DETENTION CHAMBERS DURING THE ENTIRE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH ADVANCED DRAINAGE SOLUTIONS, INC. (ADS) TO DETERMINE THE MINIMUM COVER REQUIRED OVER THE EXISTING CHAMBERS DURING CONSTRUCTION, AS WELL AS THE APPROPRIATE EQUIPMENT AND OPERATIONS TO PROTECT THE CHAMBERS.

3. THE FINISHED FLOOR ELEVATIONS (F.F.E.) SHOWN HEREON CORRESPOND TO EXISTING FINISHED FLOOR ELEVATIONS OF THE HIGH SCHOOL AND THE PROPOSED ELEVATIONS OF THE ADDITIONS AT THE EXTERIOR BUILDING ENTRIES WHICH ARE LABELED T/SLAB=0'-0" FOR UNITS 'J', 'K', 'L' AND 'M' AND T/SLAB=+0'-5" FOR UNIT 'A' ON THE FOUNDATION PLANS. CONTRACTOR SHALL CONFIRM THE EXISTING FINISHED FLOOR ELEVATIONS PRIOR TO CONSTRUCTION AND REFER TO THE ARCHITECTURAL AND STRUCTURAL PLANS FOR INTERNAL CHANGES TO THE PROPOSED FINISHED FLOOR ELEVATION, CONCRETE SLAB AND STONE SUBBASE THICKNESS, SLAB SLOPES, ELEVATOR PIT ELEVATIONS, AND SWIMMING POOL ELEVATIONS.



GRADING PLAN

WHITELAND HIGH SCHOOL PHASE 1

DESIGNED

DATE

JULY 5, 2023

APPR.

GJ

DRAWN

KLF

CHECKED

TEN

JOB NO.

DATE

DESIGNED

APPR.

GJ

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

NO.	DATE	REVISIONS
01	09.28.23	REVISIONS PER ADDENDUM NO. 003
02	09.06.23	REVISIONS PER ADDENDUM NO. 002
03	08.30.23	REVISIONS PER ADDENDUM NO. 001
04	07.28.23	REVISIONS PER WHITELAND TAC COMMENTS, 100% CONSTRUCTION DOCUMENT

REVISIONS

BY	DATE	REVISIONS
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		
DMS		
GJ		

REVISIONS

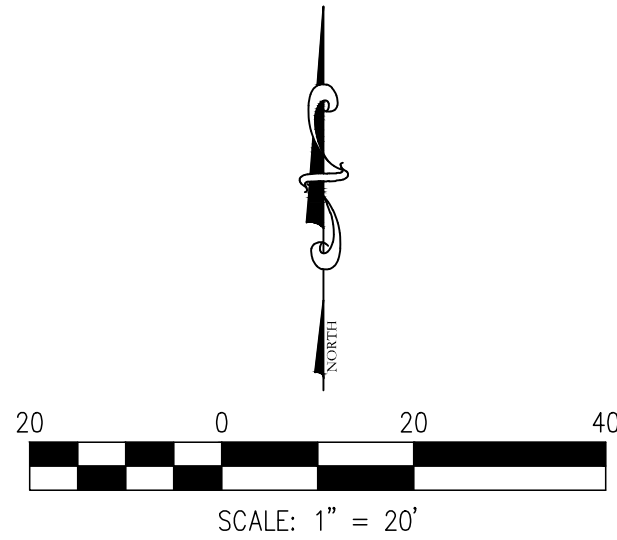
NO.	DATE	REVISIONS
01	0	

GRADING NOTES

1. CONTRACTOR SHALL PROVIDE POSITIVE DRAINAGE AWAY FROM THE BUILDING IN FINAL GRADING OF SITE. CONTRACTOR SHALL COORDINATE WITH THE ARCHITECT TO DETERMINE PROPER FOUNDATION EXPOSURE. EXISTING AND PROPOSED DRAINAGE TOWARDS THE BUILDING FOUNDATION BE ALLOWED.
2. CONTRACTOR SHALL PRESERVE AND PROTECT EXISTING UNDERGROUND STORMWATER DETENTION CHAMBERS DURING THE ENTIRE DURATION OF THE PROJECT. CONTRACTOR SHALL COORDINATE WITH ADVANCED DRAINAGE SOLUTIONS, INC. (ADS) TO DETERMINE THE MINIMUM COVER REQUIRED FOR THE EXISTING CHAMBERS DURING CONSTRUCTION. AS WELL AS, THE APPROPRIATE EQUIPMENT AND OPERATIONS TO PROTECT THE CHAMBERS.
3. THE FINISHED FLOOR ELEVATIONS (F.F.E.) SHOWN HEREIN CORRESPOND TO EXISTING FINISHED FLOOR ELEVATIONS OF THE HIGH SCHOOL, AND THE PROPOSED ELEVATIONS OF THE ADDITIONS. AT THE EXTERIOR BUILDING ENTRANCES WHICH ARE Labeled "1/8\"=1' FOR UNITS +/-, \"K\", \"L\" AND \"M\" AND \"1/8\"=1'±\" FOR UNIT \"A\" ON THE FOUNDATION PLANS, CONTRACTOR SHALL CONFORM THE EXISTING FINISHED FLOOR ELEVATIONS TO THE FINISHED FLOOR ELEVATIONS SHOWN ON THE ARCHITECTURAL AND STRUCTURAL PLANS FOR INTERNAL CHANGES TO THE PROPOSED FINISHED FLOOR ELEVATION, CONCRETE SLAB AND STONE OR THICKNESS OF THE SLAB SLOPES, ELEVATOR PIT ELEVATIONS, AND SWIMMING POOL ELEVATIONS.

GRADING LEGEND

✕ 860.00 TOP OF CURB ✕ 859.50 EDGE OF PAVEMENT ✕ 860.00 FINISH GRADE ✕ 860.00 * ✕ 859.50 * ✕ 860.00 * FFE = XXXX.XX PE = XXXX.XX ----- 800 ----- ----- ----- 800 ----- ----- <u>GRADE BREAK</u> ← * →	PROPOSED ELEVATIONS (TO BE FIELD VERIFIED) PROPOSED FINISH FLOOR ELEVATION PROPOSED PAD ELEVATION PROPOSED DRAINAGE SWALE EXISTING CONTOURS PROPOSED CONTOURS GRADE BREAK CURB HEIGHT TO TAPER FROM 0.5' TO 0.0' IN 6 FT.
---	--



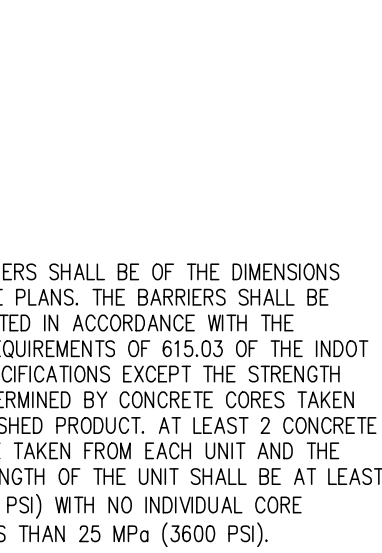
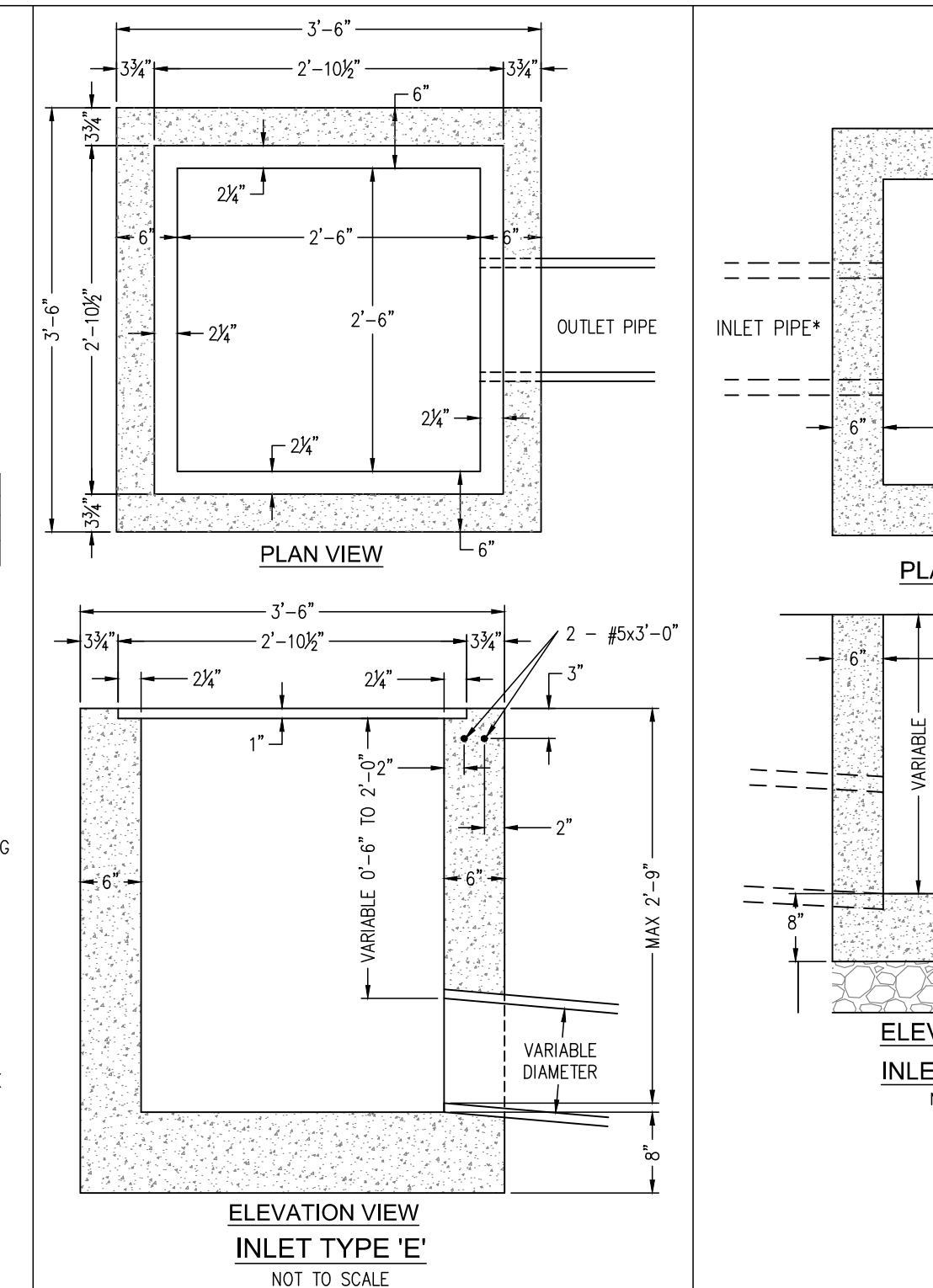
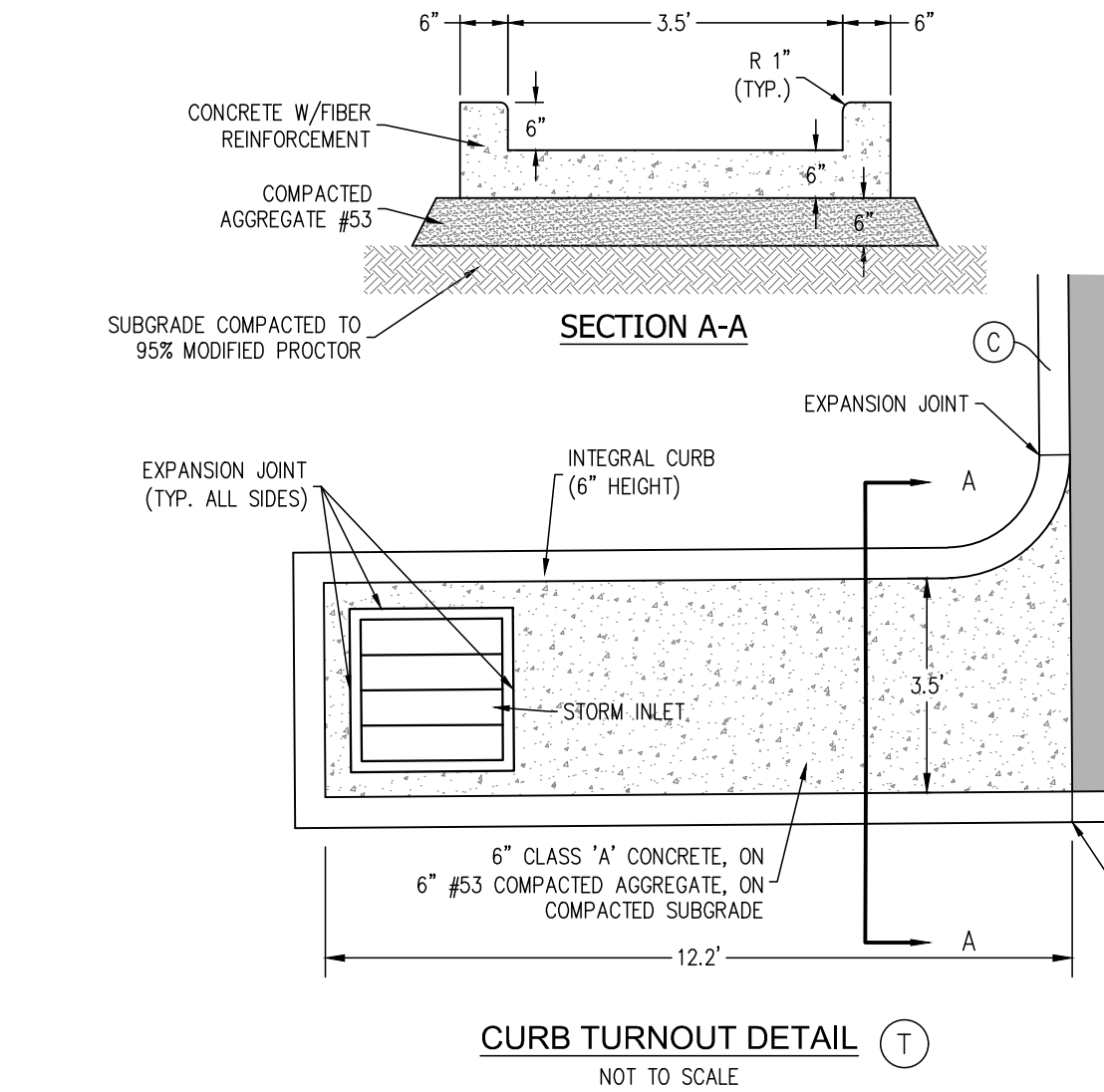
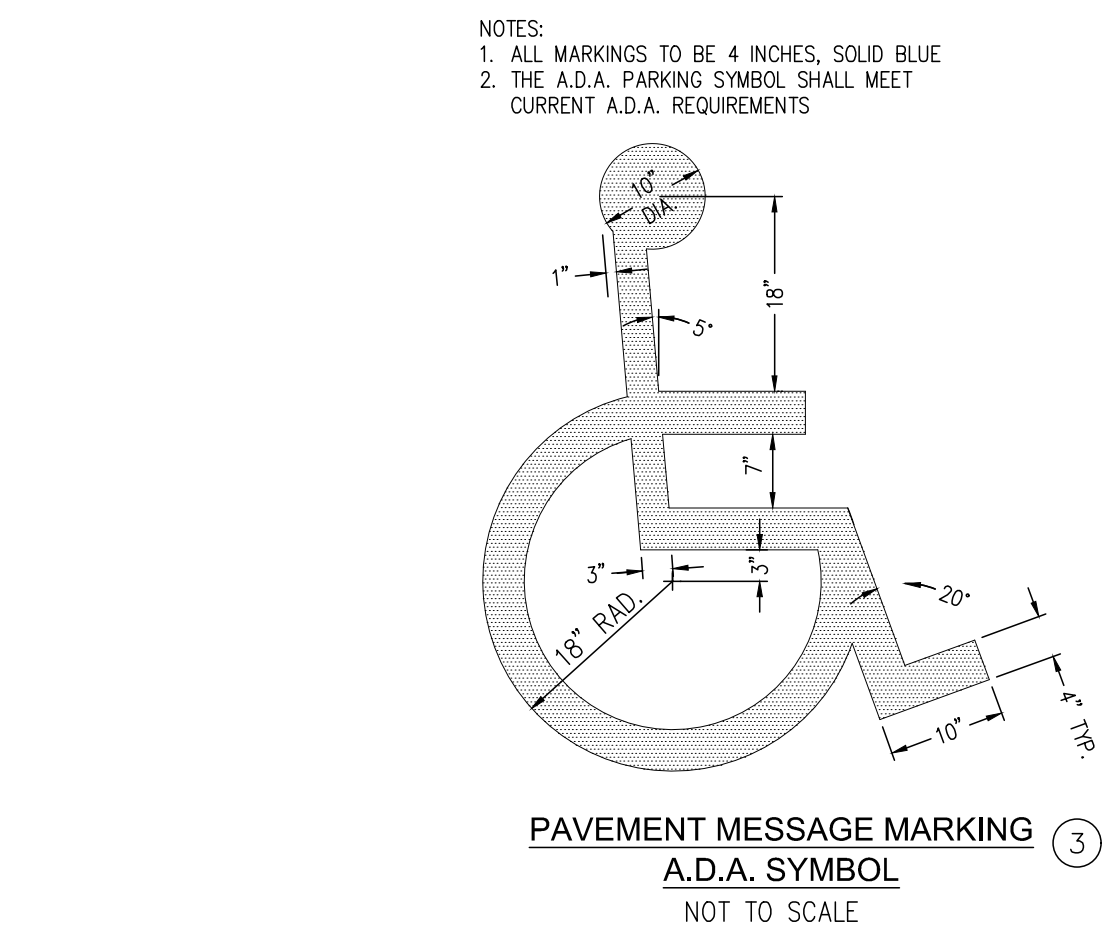
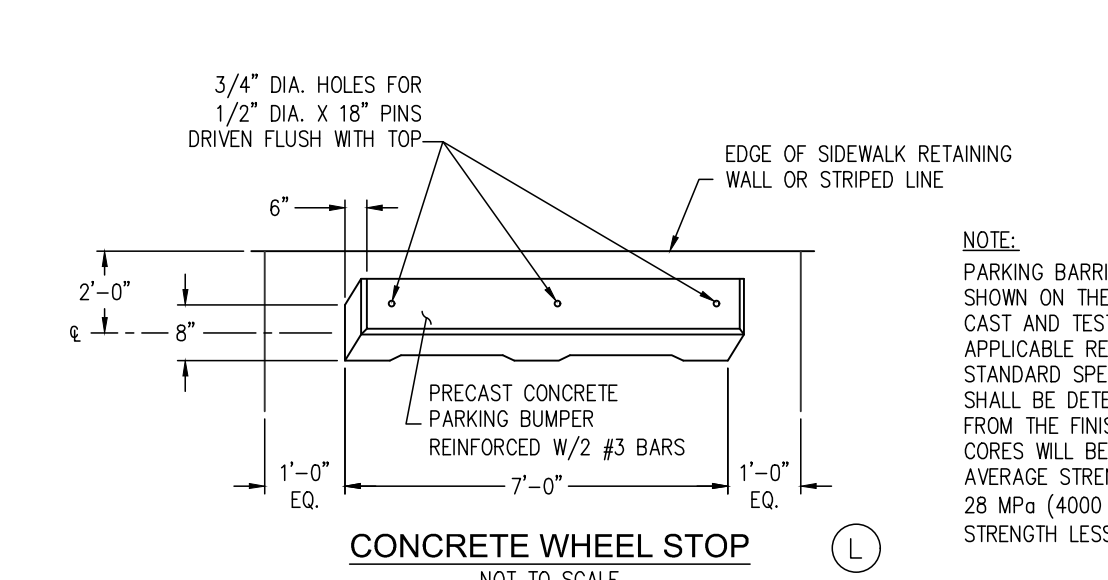
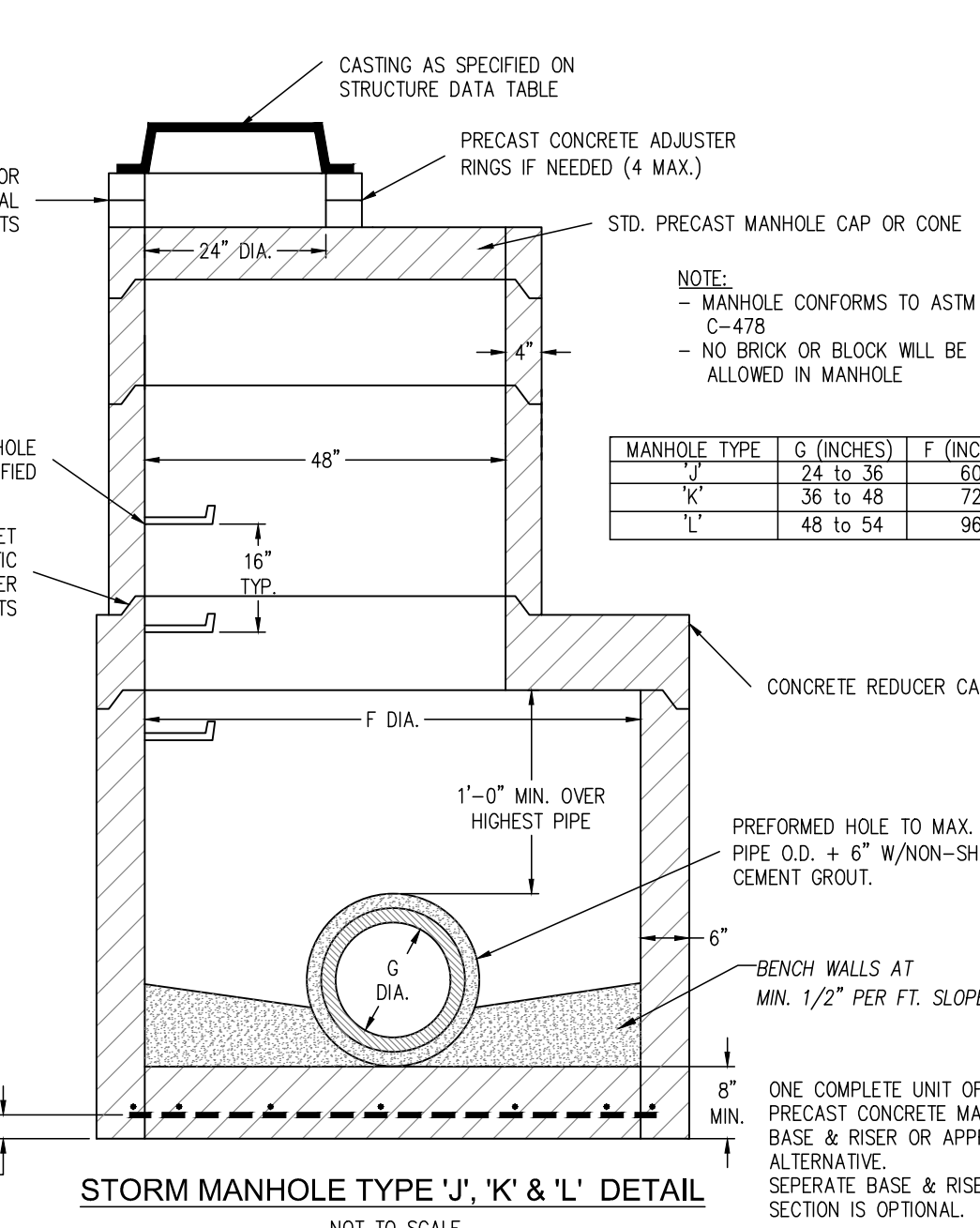
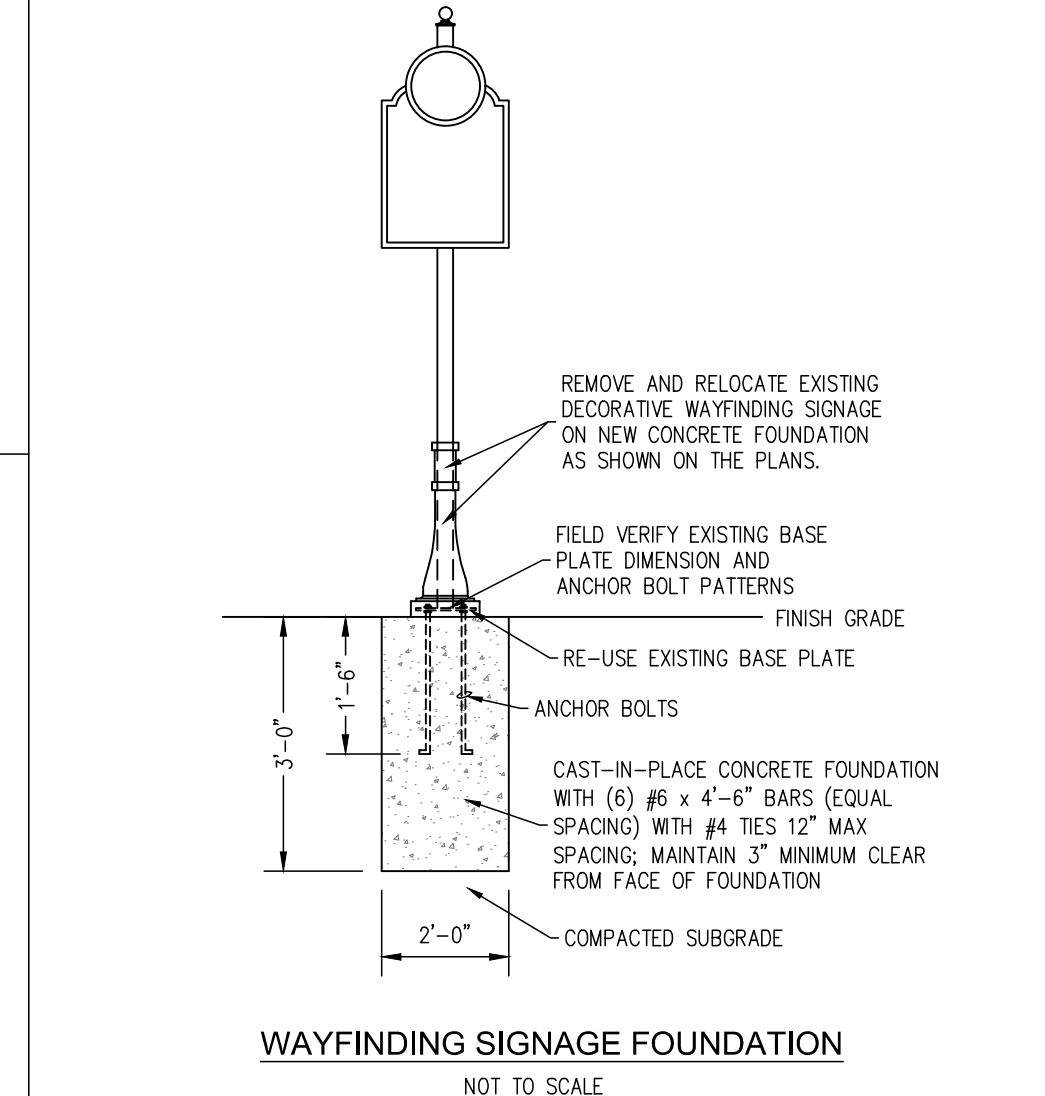
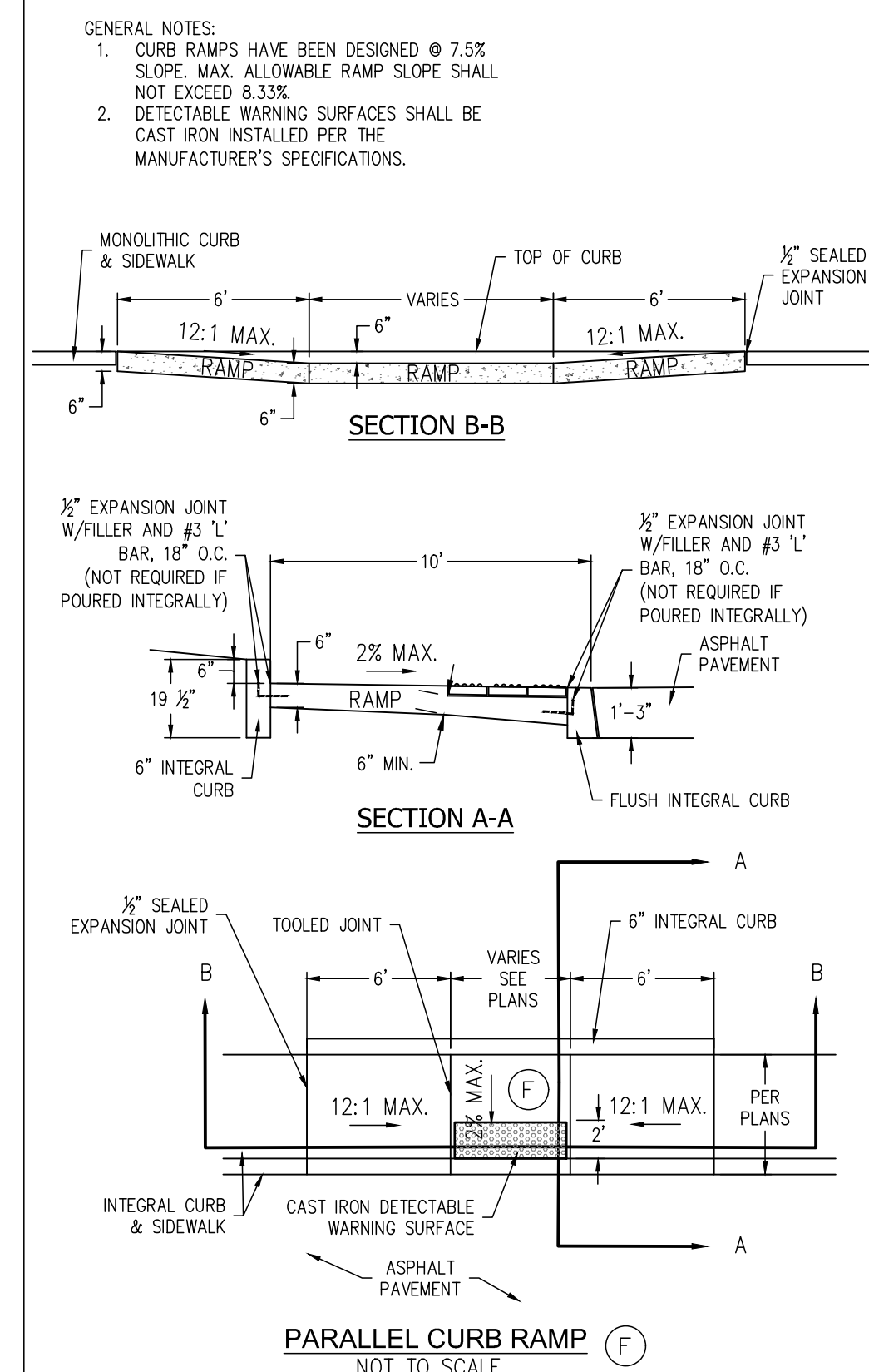
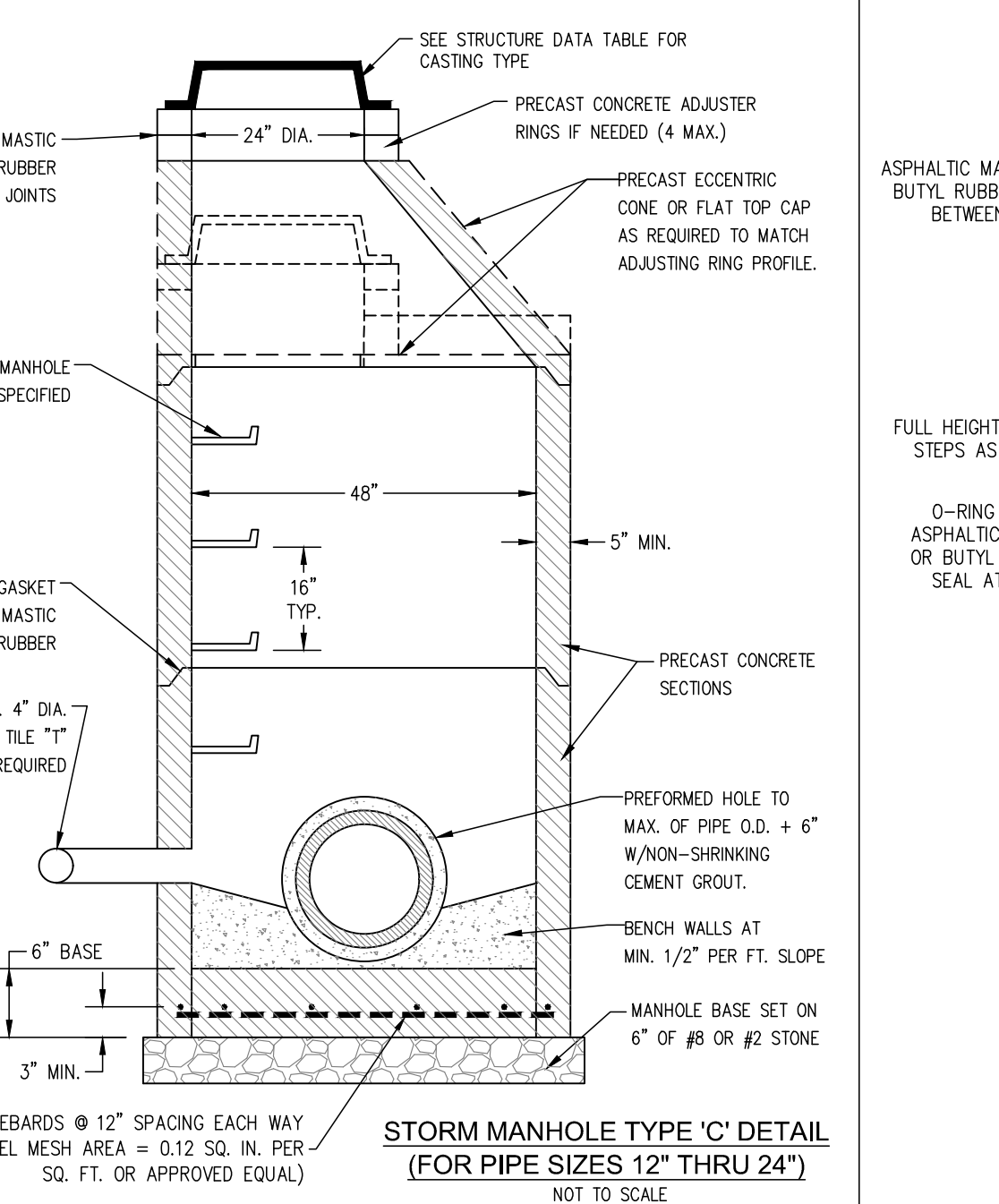
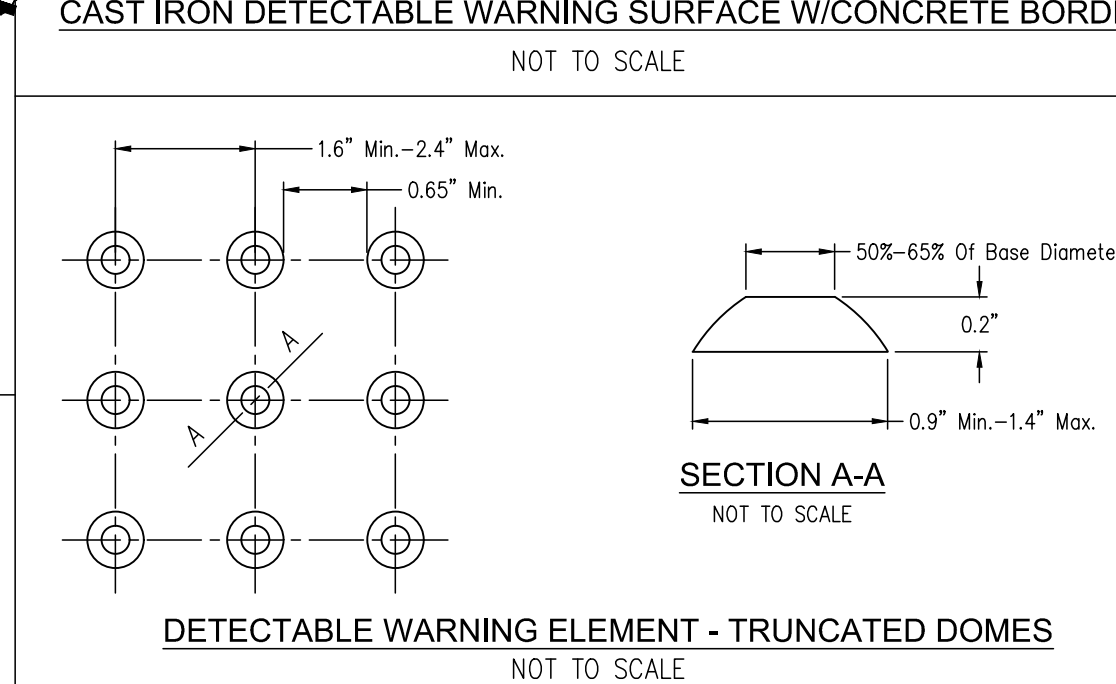
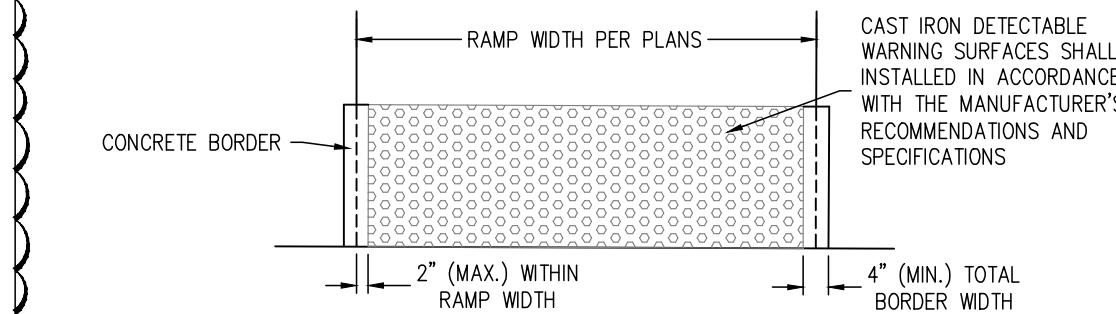
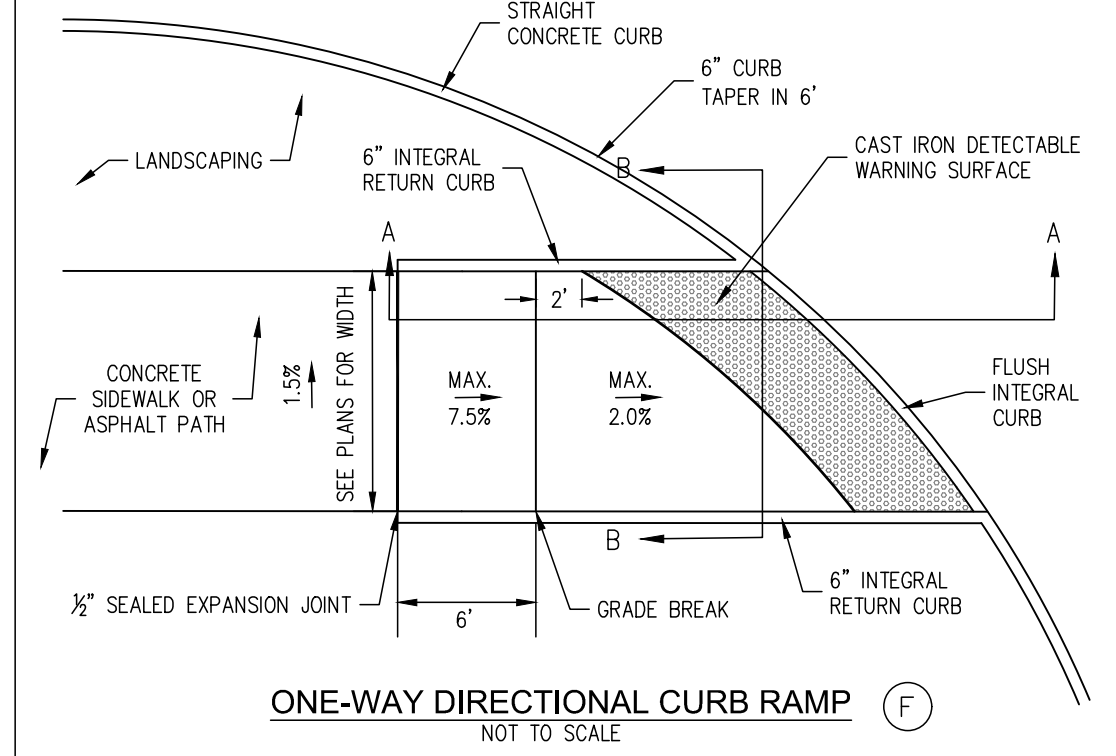
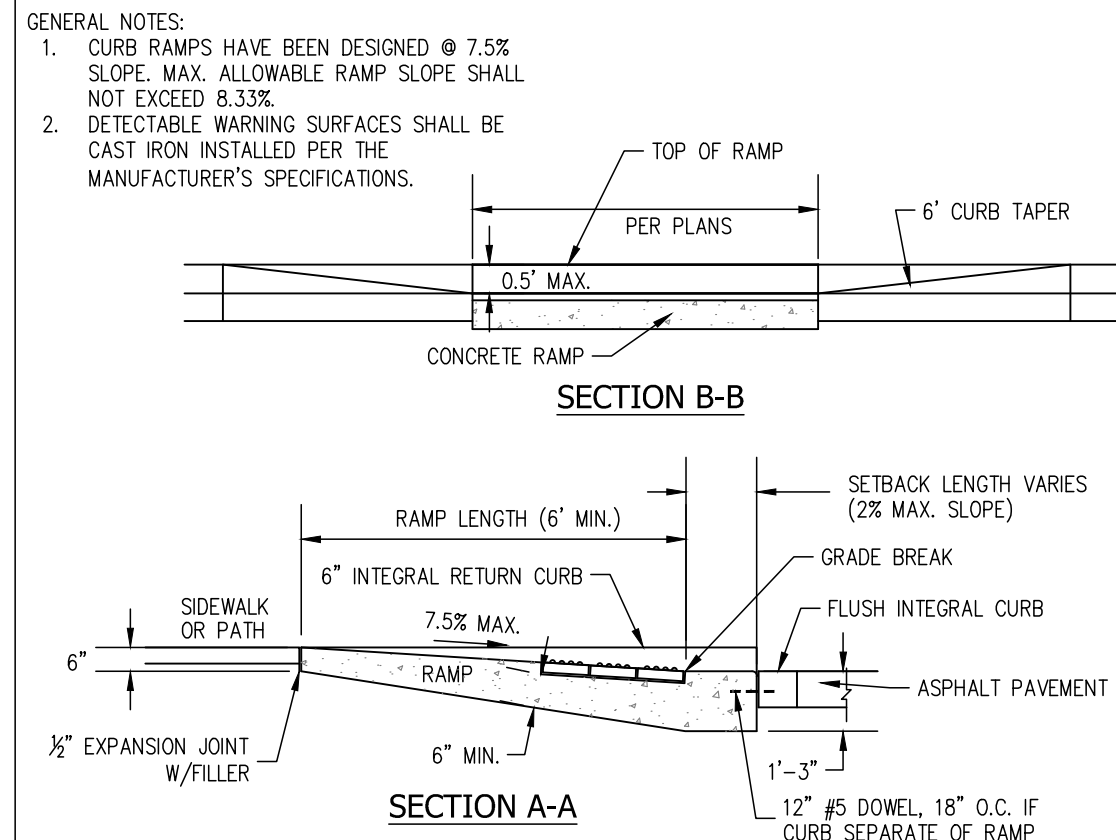
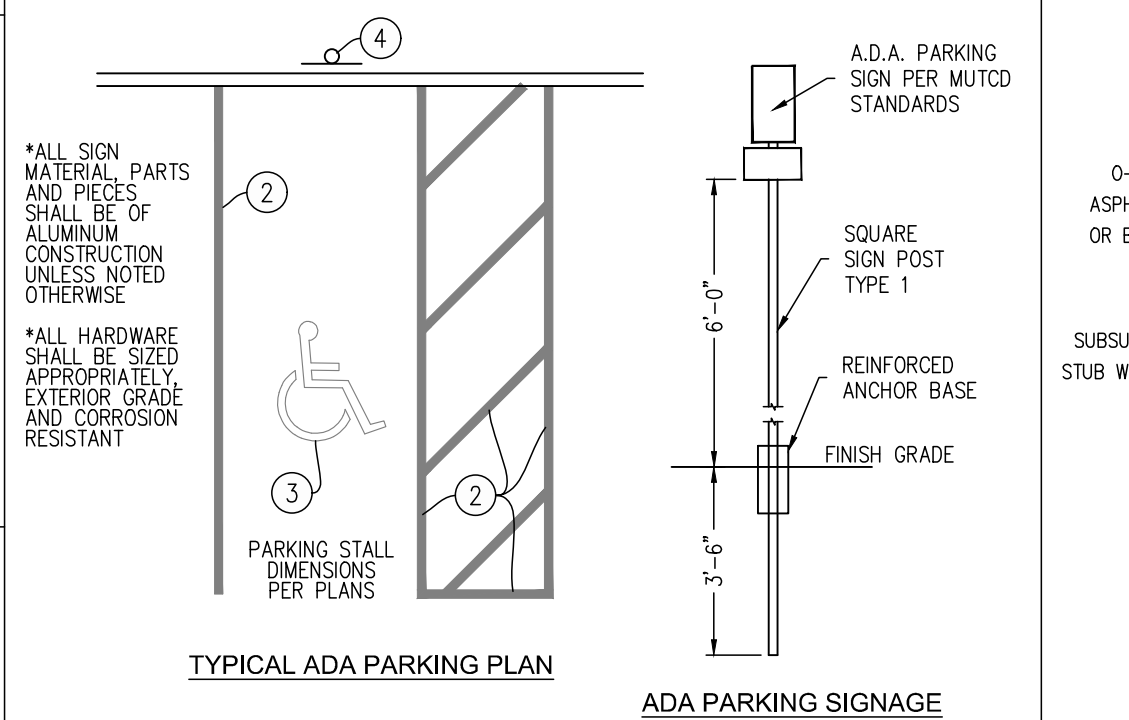
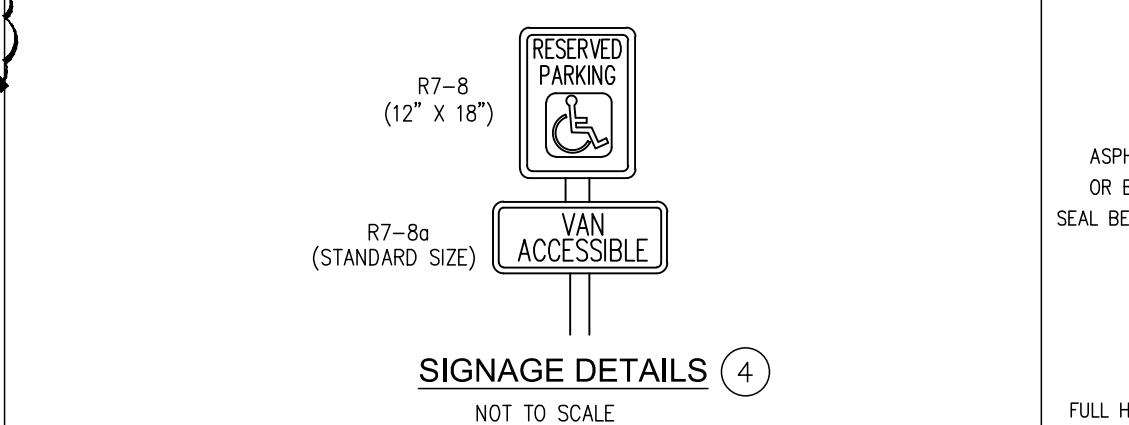
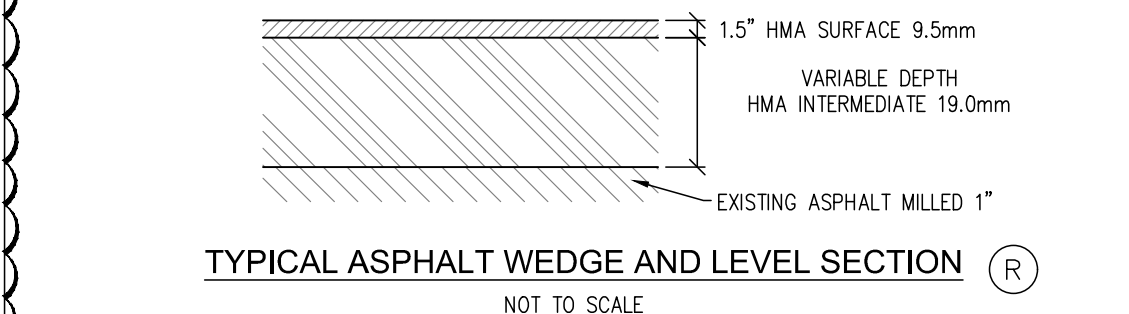
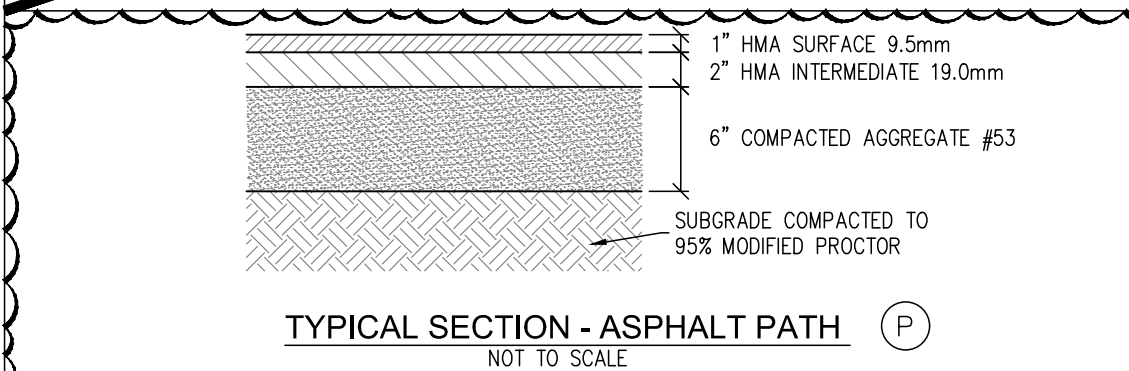
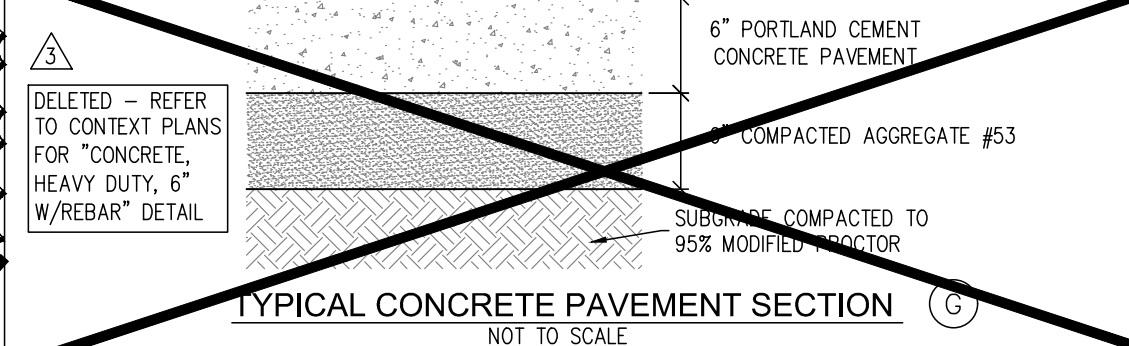
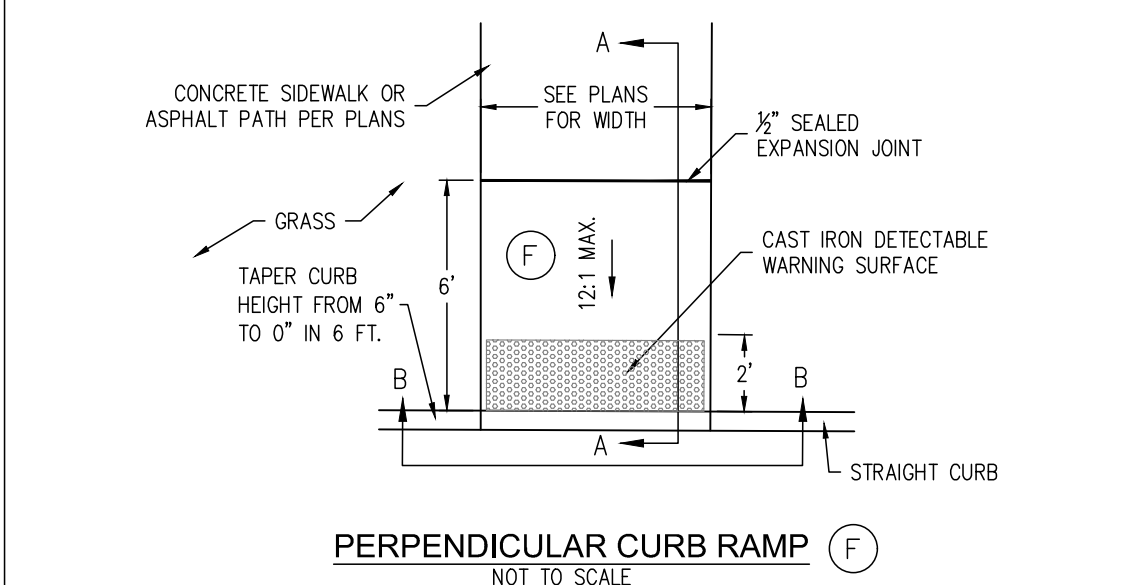
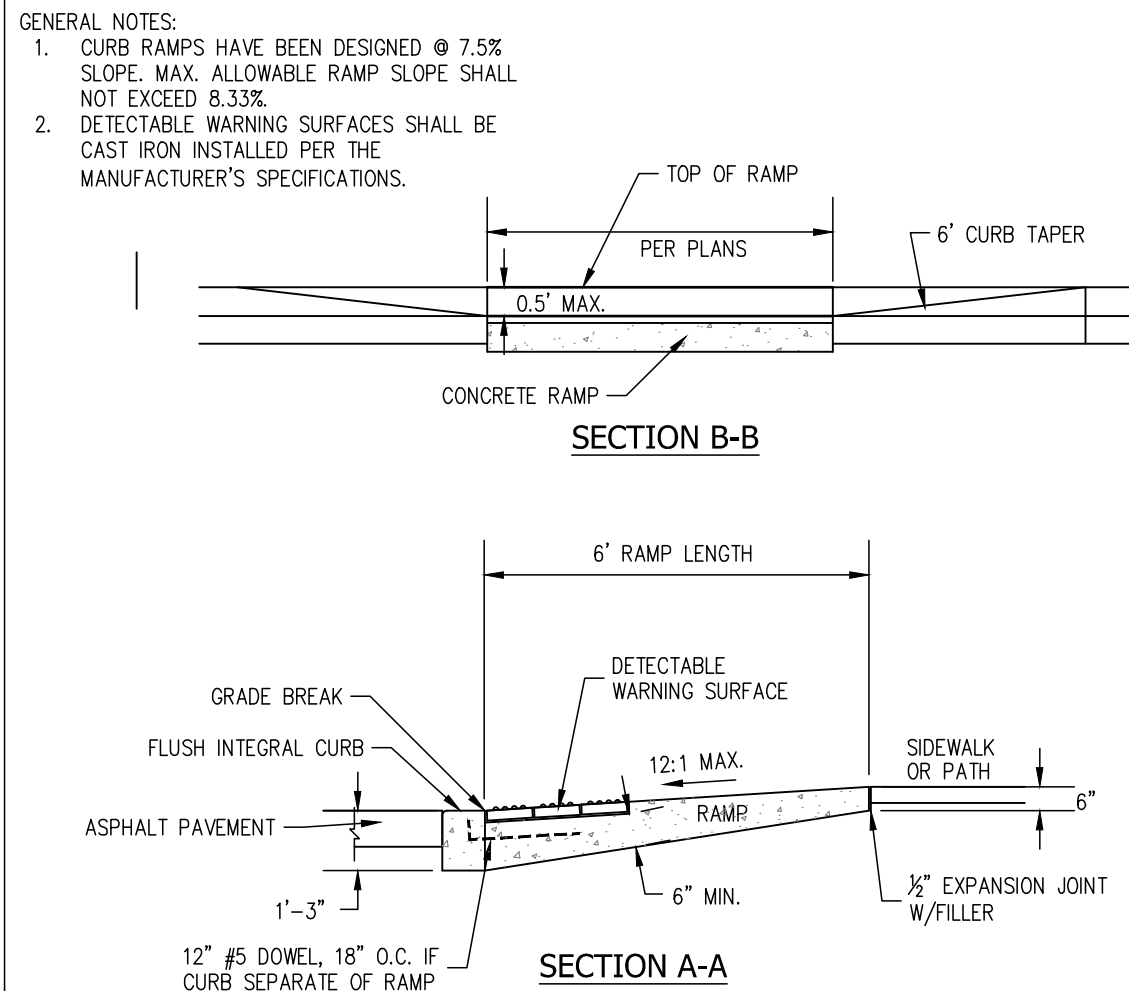
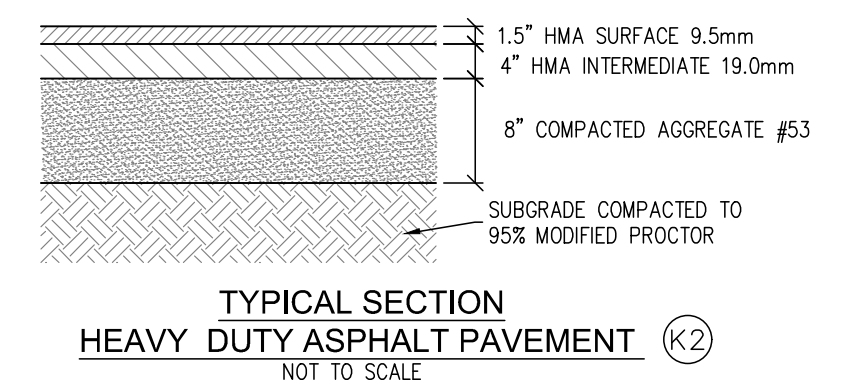
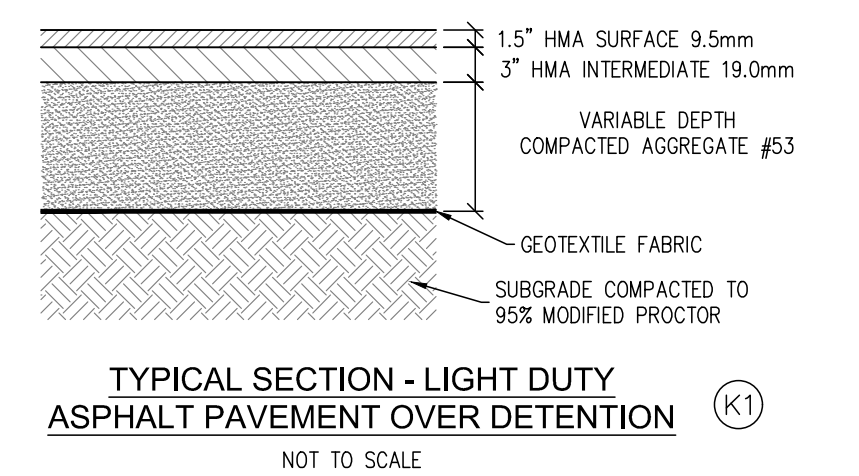
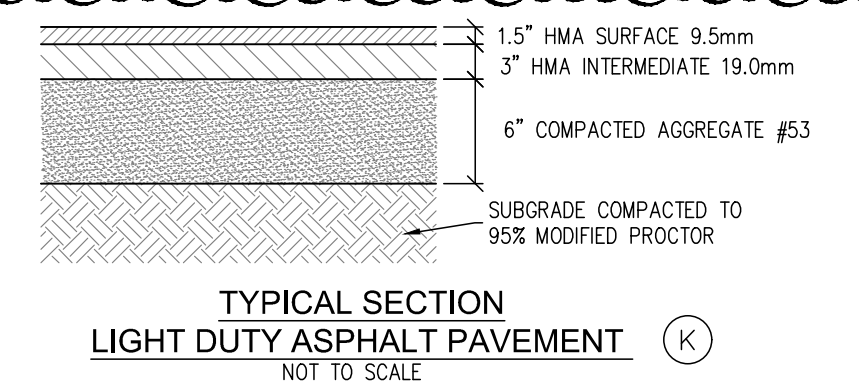
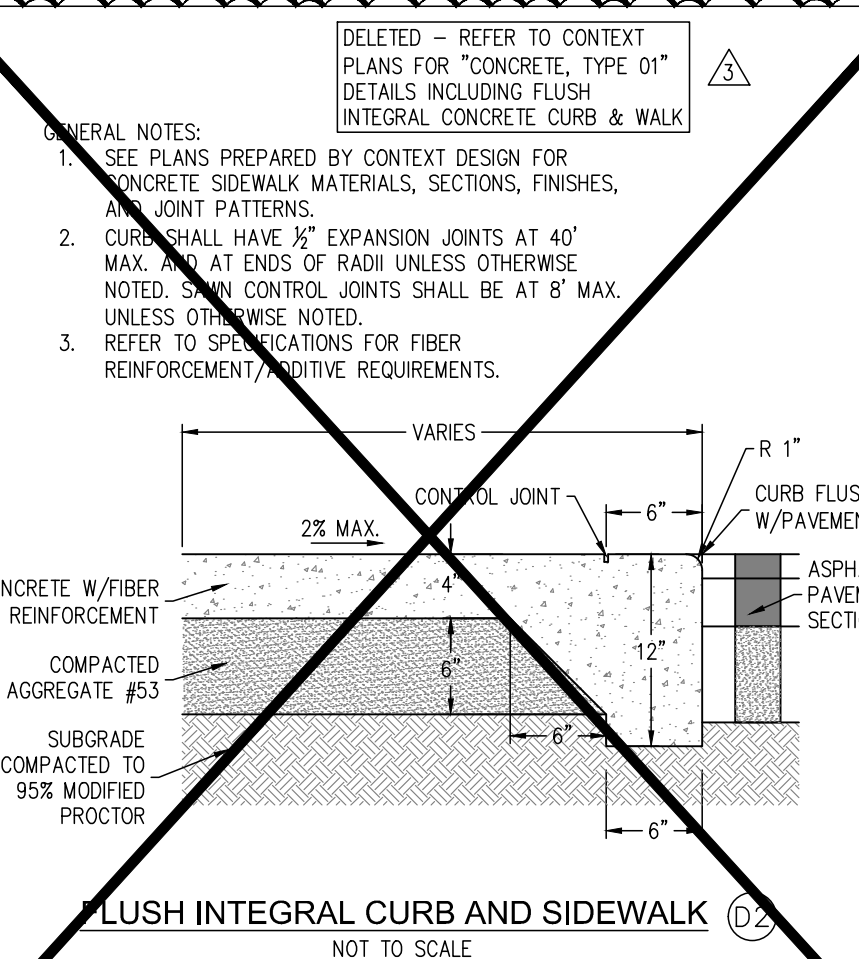
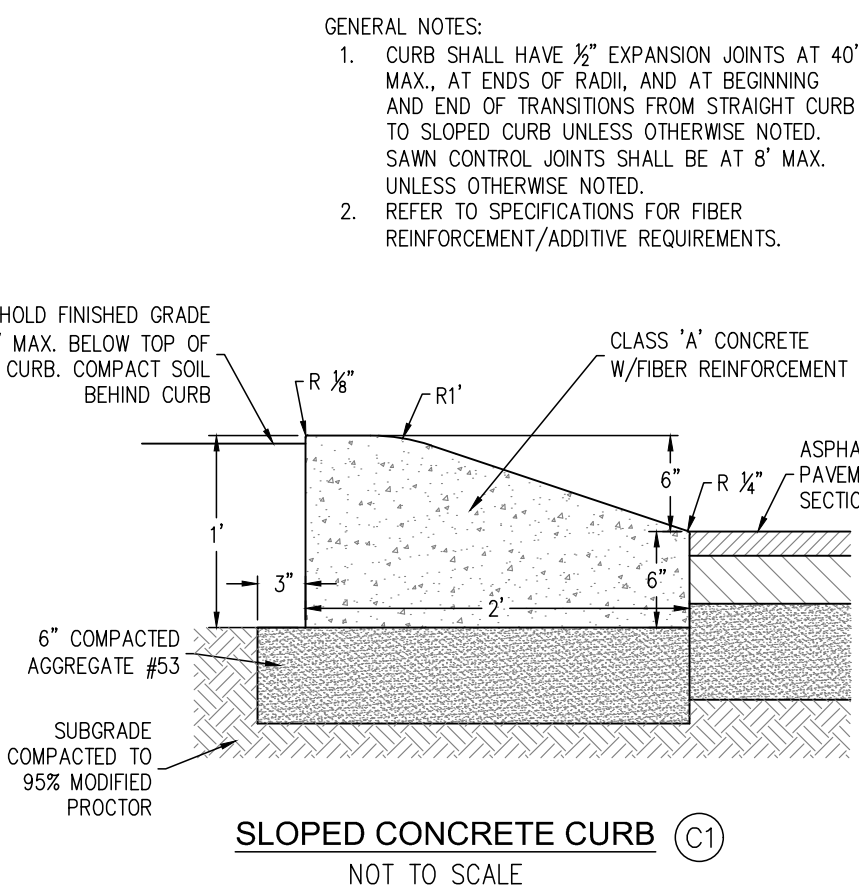
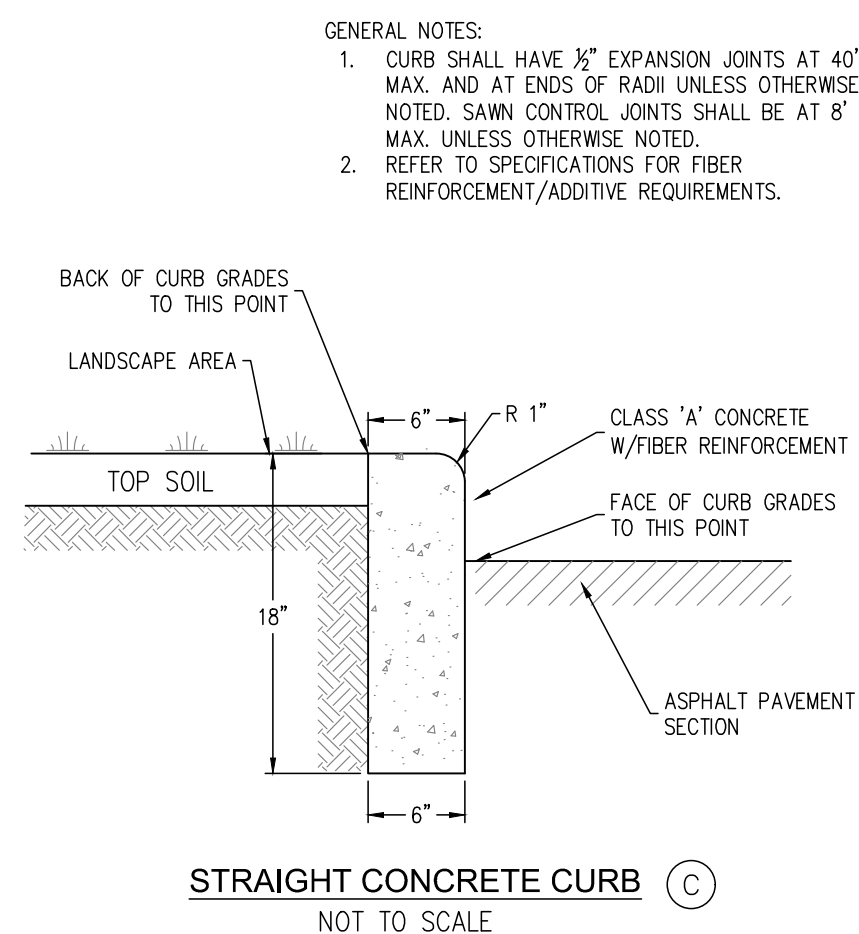
ORIGINATING BENCHMARK
 DESIGNATION -- X 13
 PID -- KA0010
 STATE/COUNTY -- IN/MORGAN
 USGS QUAD -- MOORESVILLE EAST (1980)
 VERT ORDER -- FIRST CLASS II
 DESCRIBED BY COAST AND GEODETIC SURVEY 1946
 12.2 M IN WADSWAY,
 IN JOHNSON COUNTY, 1.2 MILES NORTH ALONG STATE HIGHWAY 37 FROM
 THE INTERSECTION OF STATE HIGHWAY 144 AT WADSWAY, MORGAN COUNTY, 125 YARDS
 WEST OF THE INTERSECTION OF STATE HIGHWAY 144 WITH THE WEST
 RIGHT-OF-WAY FENCE, 1.5 FEET SOUTH OF A WHITE WOODEN WIND
 POST, AND ABOUT 2 FEET HIGHER THAN THE HIGHWAY, A STANDARD DISK,
 STAMPED 686.370 IN 13 1930 AND SET IN THE TOP OF A CONCRETE POST
 PROJECTING 7 INCHES ABOVE GROUND.
 RECOVERY NOTE BY IN DEPT OF NAT RES 1985
 NEW DISK LOCATED AT INTERSECTION OF NEW STATE ROAD 144 AND OLD STATE
 ROAD 37, IN THE SOUTHWEST QUARTER OF THE INTERSECTION, WINNESP POST IS
 GONE RIGHT-OF-WAY FENCE IS GONE, ALL OTHER INFORMATION APPEARS TO
 BE CORRECT.
 ELEVATION = 685.94 (NAVD 88)
 TBM #000
 RR SPIKE SET IN E FACE OF PP#P21063* LOCATED ±180' N OF "TRACT
 NORTH DRIVE" ±40' W OF WEST OF "SAINT CHARLES WAY"
 ELEV.=605.77
 TBM #001
 RR SPIKE SET IN E FACE OF PP#P21042* LOCATED ±6' W OF "TRACT ST."
 ±40' S OF IN PARKING LOT ENTRANCE @ "CLARK PLEASANT EMPLOYEE
 HEALTH & WELLNESS CENTER"
 ELEV.=605.07
 TBM #002
 CUT BOX ON TOP OF CONC PEDESTAL FOR UP ON N EDGE OF CONC.
 LOCATED ±50' NE MOST CORNER OF PARKING LOT FOR "199 US-31" "BIG
 SPLASH CAR WASH"
 ELEV.=601.28
 TBM #003
 SE MOST CORNER OF BOTTOM CONC STEP LOCATED @ SW CORNER OF
 STUDIO 31 SALON "43 N. US-31" ON E FACE OF BUILDING.
 ELEV.=601.28
 TBM #004
 NE CORNER OF TOP CONC STEP CONNECTED TO LEAD WALK @ "239 E MAIN ST."
 LOCATED SE QUAD OF "E MAIN ST." & "TICHENOR LN."
 ELEV.=750.90
 TBM #005
 RR SPIKE SET IN E FACE POWERPOLE, LOCATED ±5' E OF "E MAIN ST." &
 ±XX' W OF DRIVE @ "399 E MAIN ST."
 ELEV.=750.98
 TBM #006
 SW CORNER OF CONC PORCH @ "49 CENTER ST."
 ELEV.=797.61
 TBM #007
 RR SPIKE SET IN S FACE OF PP#P22273* LOCATED ±5' E OF "CENTER
 ST." & ±150' N OF "CLEM ST."
 ELEV.=800.07
 TBM #008
 RR SPIKE SET IN E FACE OF POWER POLE, LOCATED @ SW CORNER OF
 PROPERTY OF "329 CHRISTINA DR."
 ELEV.=800.89

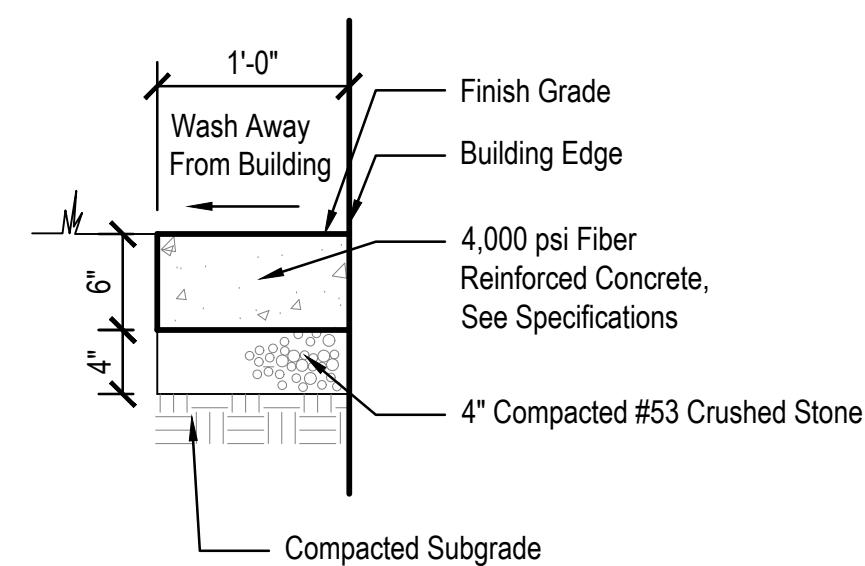


WHITELAND HIGH SCHOOL PHASE 1



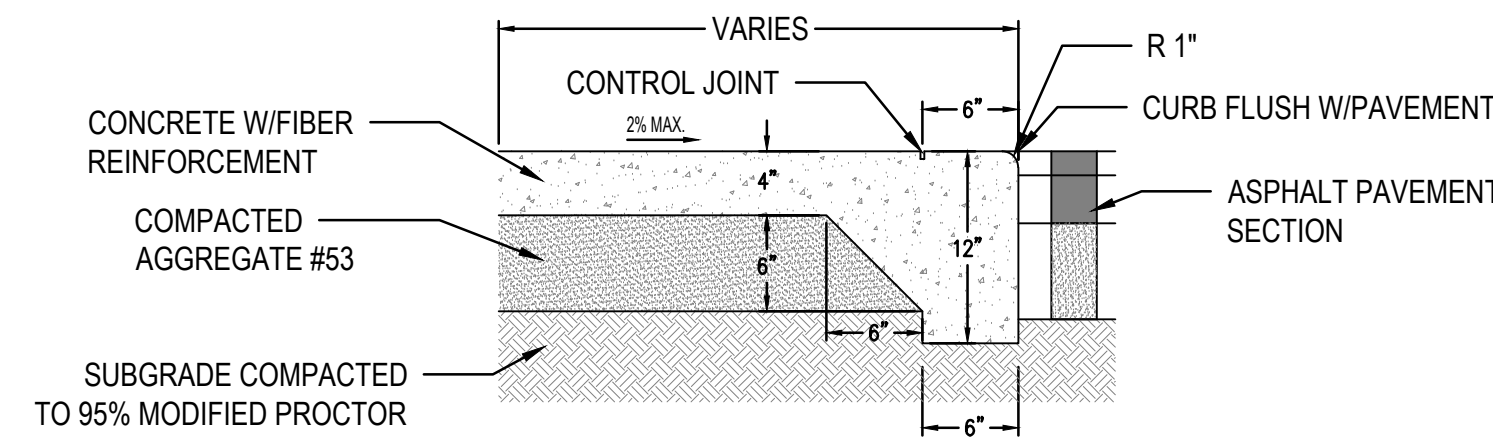
501	A	09.26.23	REVISIONS PER ADDENDUM NO. 003	DMS	G4
	A	09.06.23	REVISIONS PER ADDENDUM NO. 002	DMS	G4
		08.30.23	REVISIONS PER ADDENDUM NO. 001	DMS	G4
		07.28.23	REVISIONS PER WHITELAND IAC COMMENTS. 100% CONSTRUCTION DOCUMENT	DMS	G4



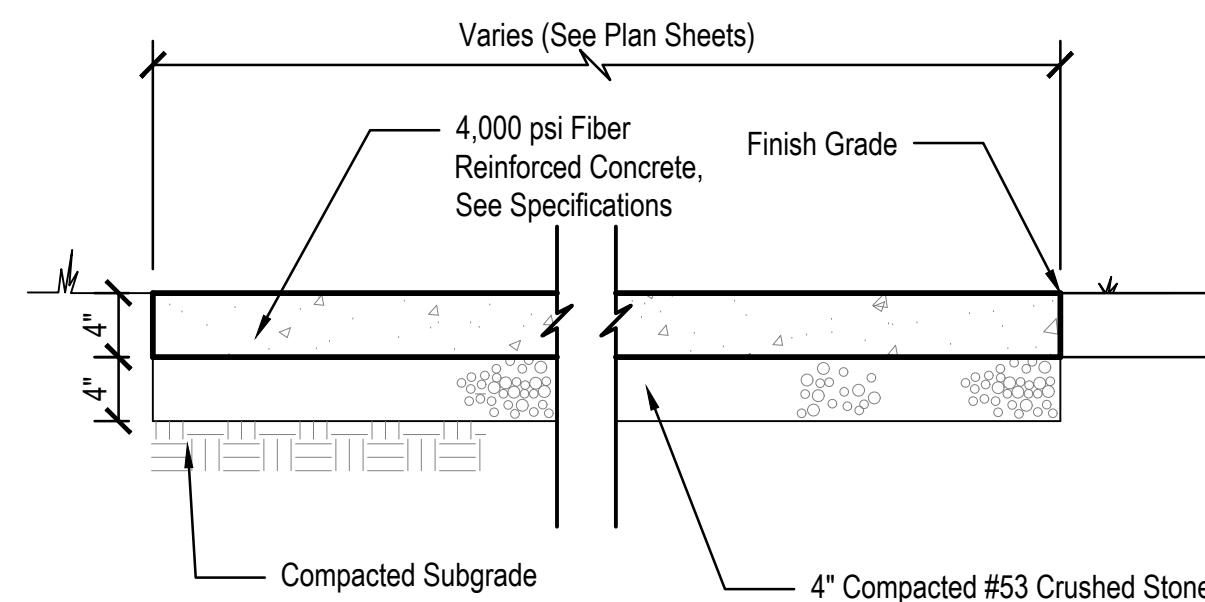


07 CONCRETE MAINTENANCE STRIP
Not to scale

- GENERAL NOTES:
- SEE PLANS PREPARED BY CONTEXT DESIGN FOR CONCRETE SIDEWALK MATERIALS, SECTIONS, FINISHES, AND JOINT PATTERNS.
 - CURB SHALL HAVE 1/2" EXPANSION JOINTS AT 40' MAX. AND AT ENDS OF RADI UNLESS OTHERWISE NOTED. SAWN CONTROL JOINTS SHALL BE AT 8' MAX. UNLESS OTHERWISE NOTED.
 - REFER TO SPECIFICATIONS FOR FIBER REINFORCEMENT/ADDITIVE REQUIREMENTS.

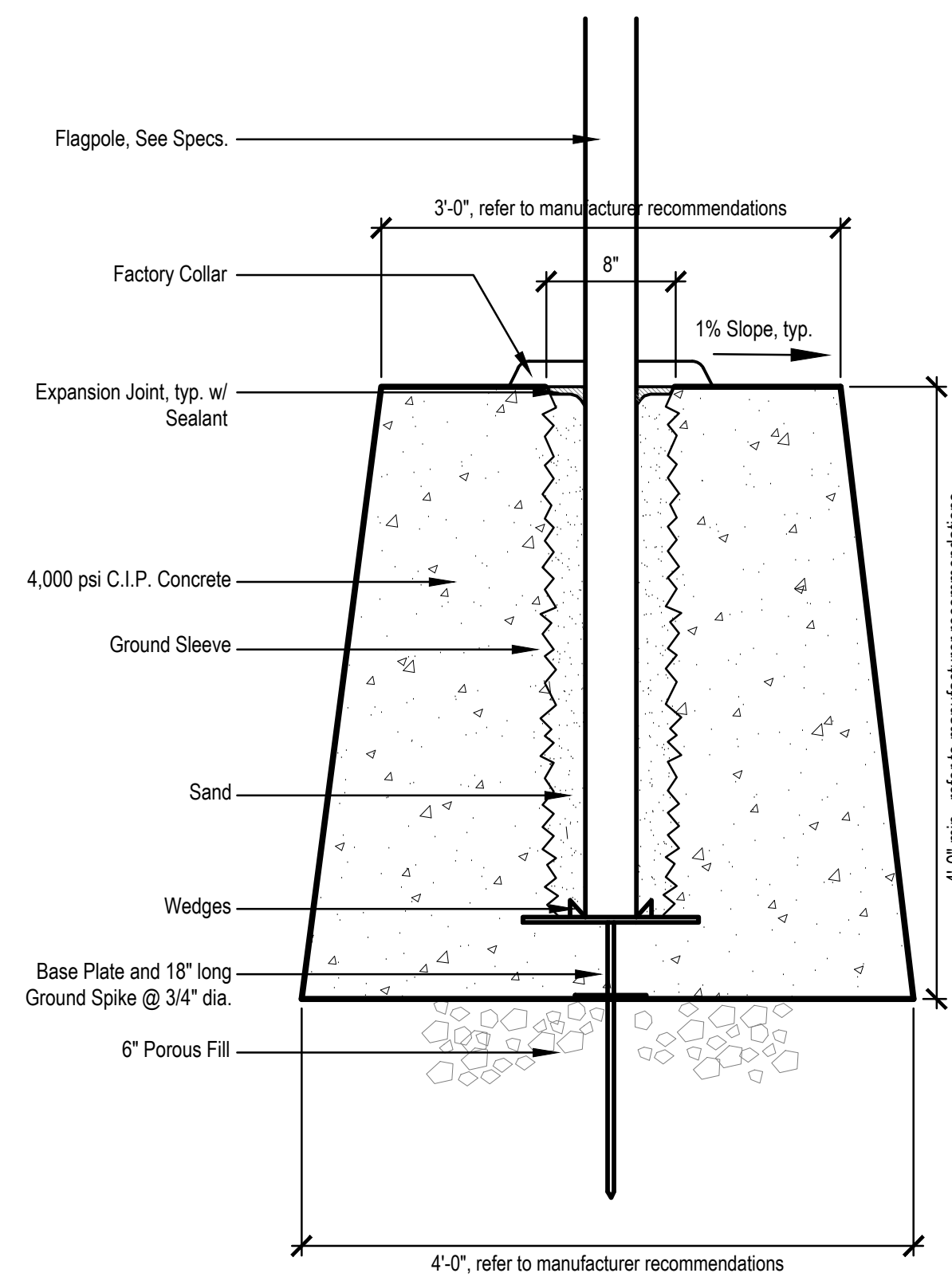


08 FLUSH INTEGRAL CURB AND SIDEWALK
Scale: NOT TO SCALE

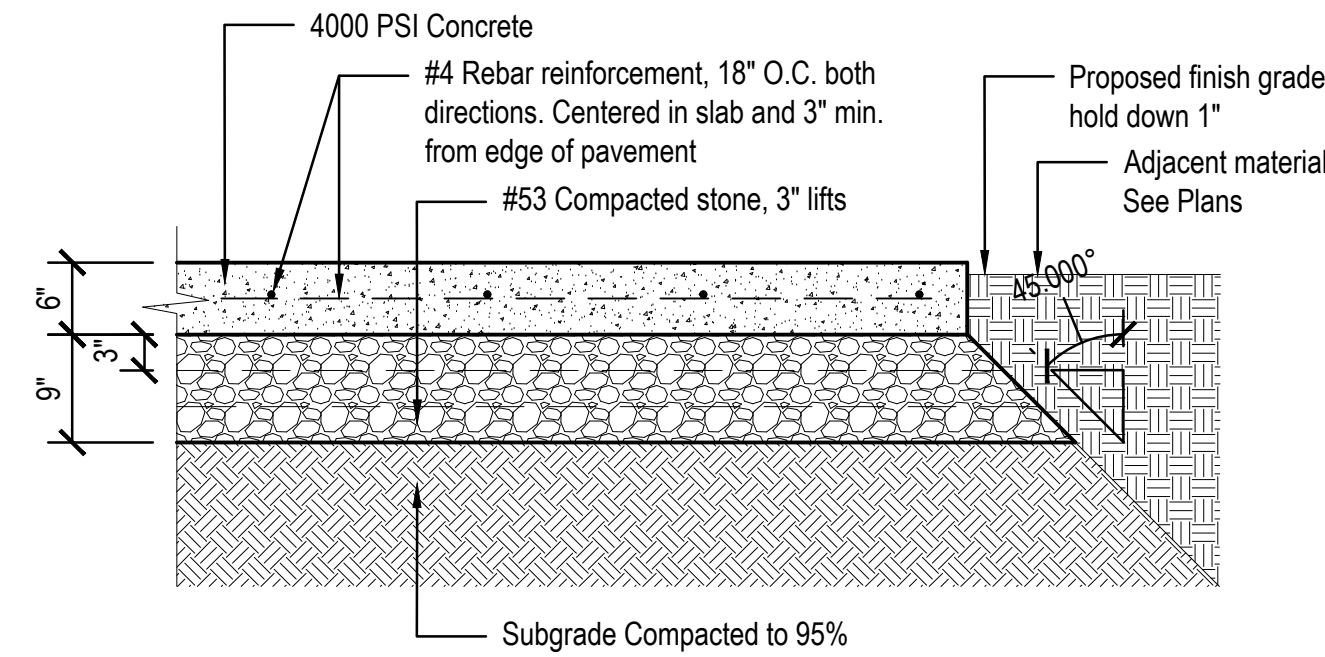


- NOTES:
- Provide expansion joints at intersection with another sidewalk, between walks and building slabs, and at other points as indicated on the drawings.
 - Refer to plan drawings for locations of control and expansion joints.

04 CONCRETE PAVEMENT
Not to scale

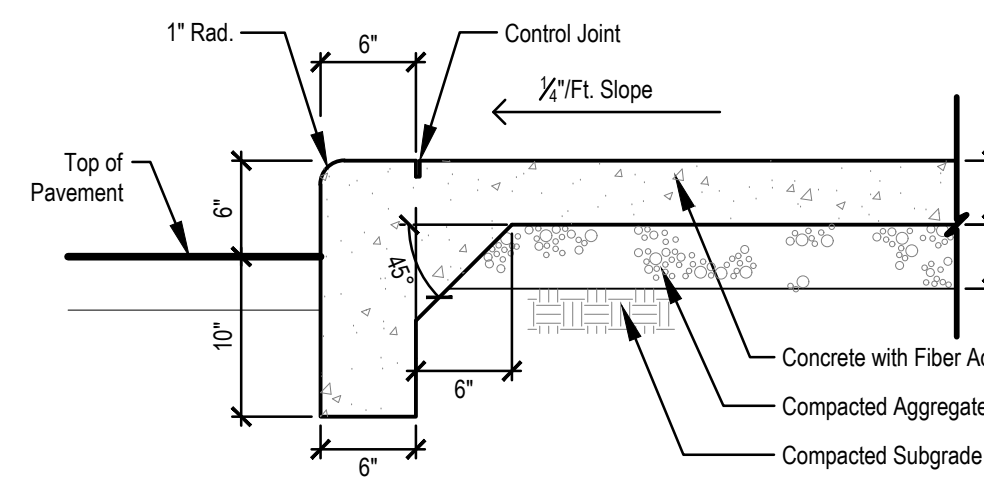


05 PROTOTYPICAL FLAGPOLE FOOTING
Scale: 1" = 1'-0"



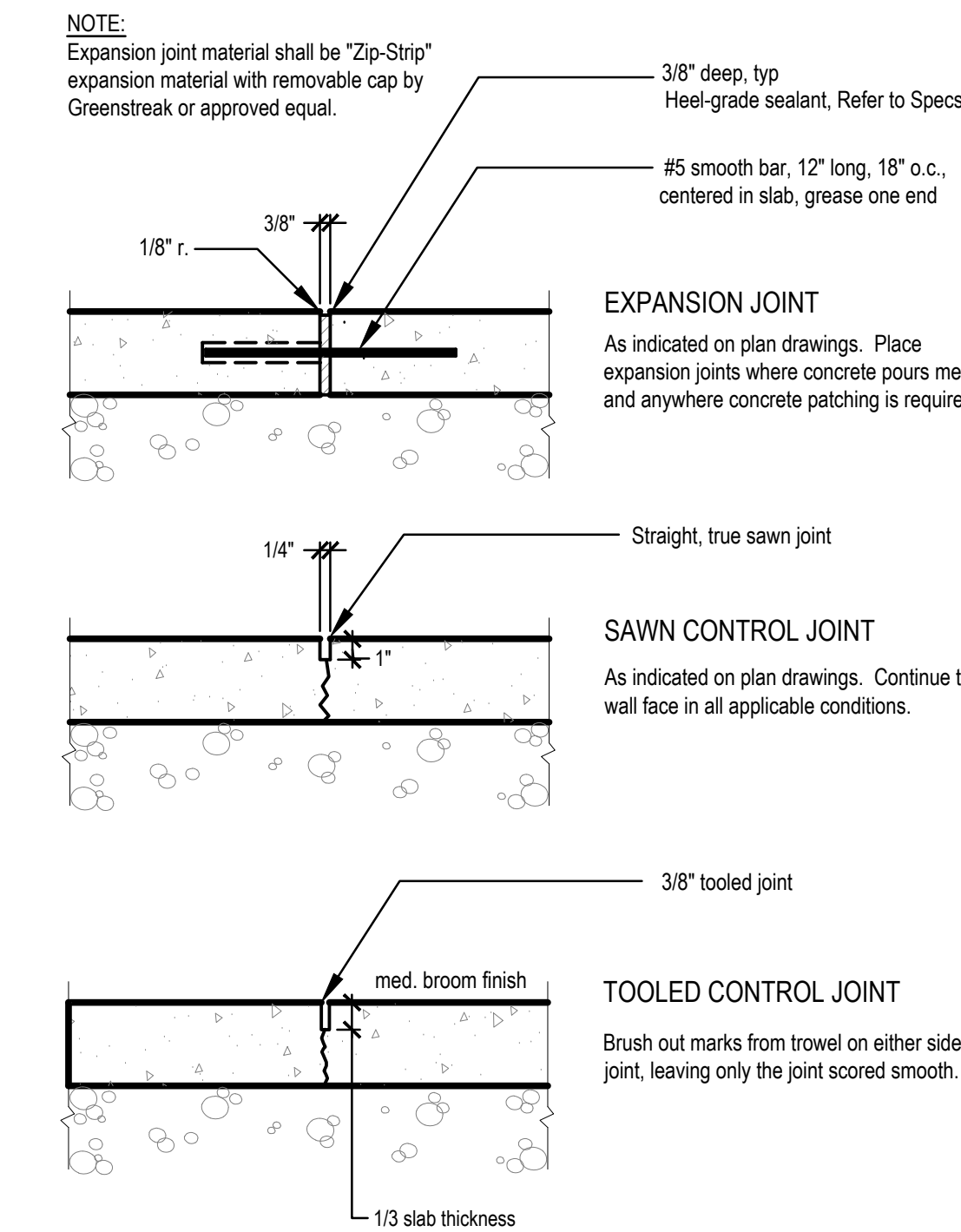
- NOTES:
- Provide expansion joints at intersection with another sidewalk, between walks and building slabs, and at other points as indicated on the drawings.
 - Refer to plan drawings for locations of control and expansion joints.

06 CONCRETE, HEAVY-DUTY, 6" w/ REBAR
Scale: 3/4" = 1'-0"

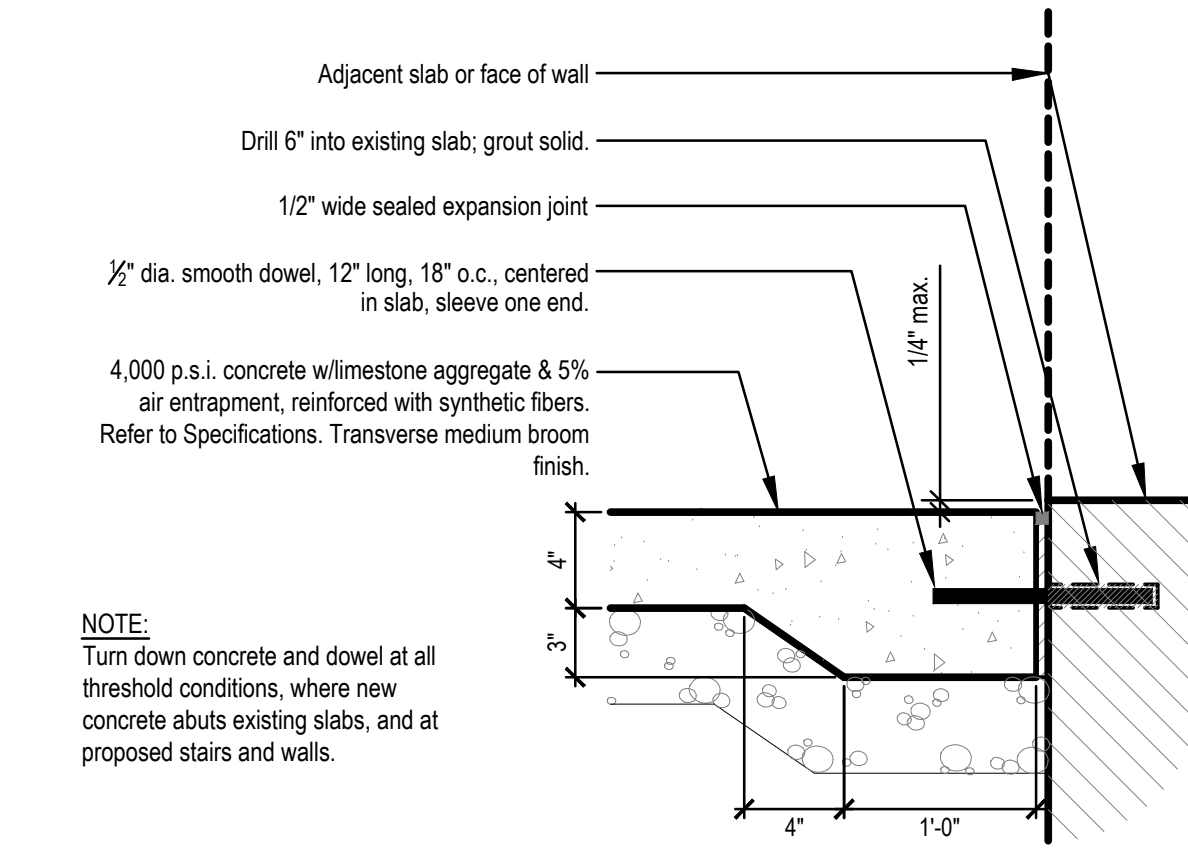


- NOTES:
- Curb shall have 1/2" expansion joints at 40'-0" max, control joints at 8'-0" max, unless otherwise noted.
 - Control joints shall be cut 1/2" depth of total thickness of slab.
 - Fiber additive: Virgin nylon fibers, 3/4" length, Nycon by Nycon Inc., or Forta Nylon by Forta Corporation, added at the batch plant at 1 lb. per cu. yd. of concrete.

01 INTEGRAL CONCRETE CURB & WALK
Scale: 1" = 1'-0"

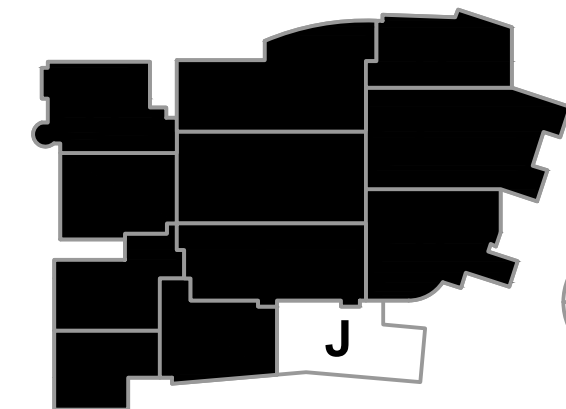


02 CONCRETE JOINTING
Not to Scale



- NOTE:
- Turn down concrete and dowel at all threshold conditions, where new concrete abuts existing slabs, and at proposed stairs and walls.

03 DOWELS IN CONCRETE
Scale: 1" = 1'-0"



TRUE NORTH

L601

Site Details

100% CONSTRUCTION DOCUMENT

PROJECT: #22130

DATE: 07-28-2023

DRAWN BY: KK / CCH

REVISIONS:

#	DATE	DESCRIPTION
1	09-06-2023	DNBC: Adenda 2
2	09-26-2023	Adenda 3



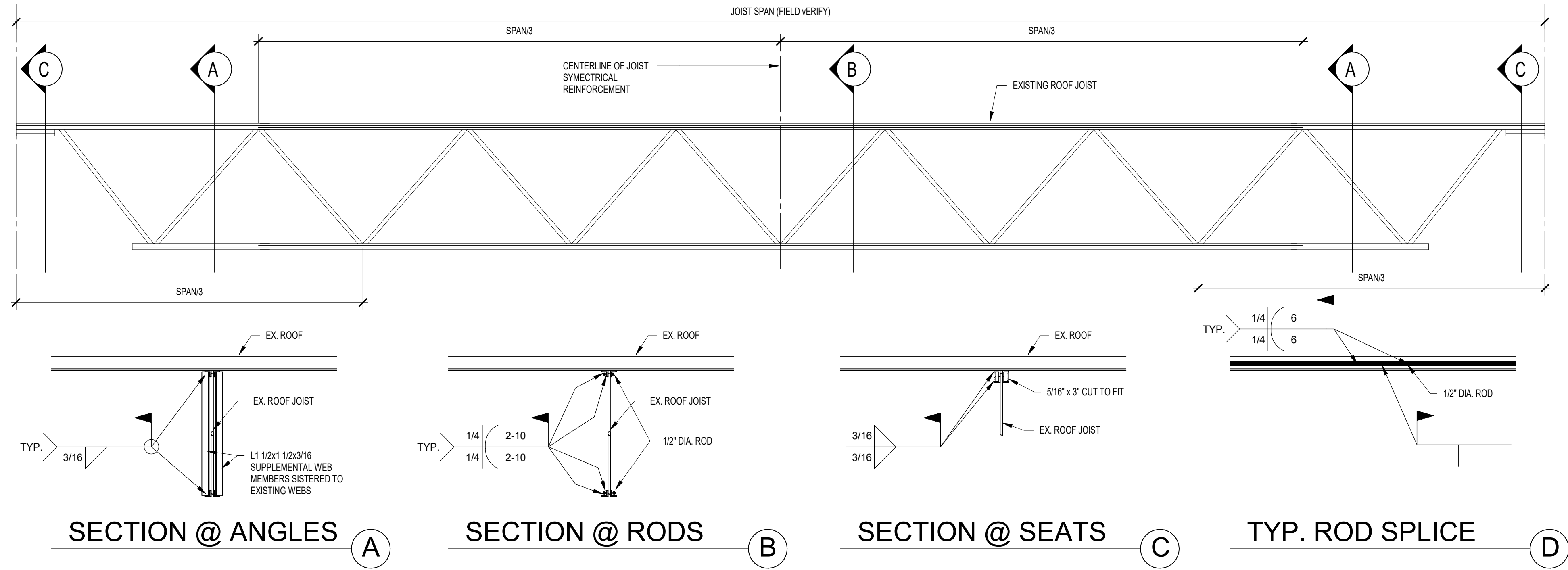
CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184



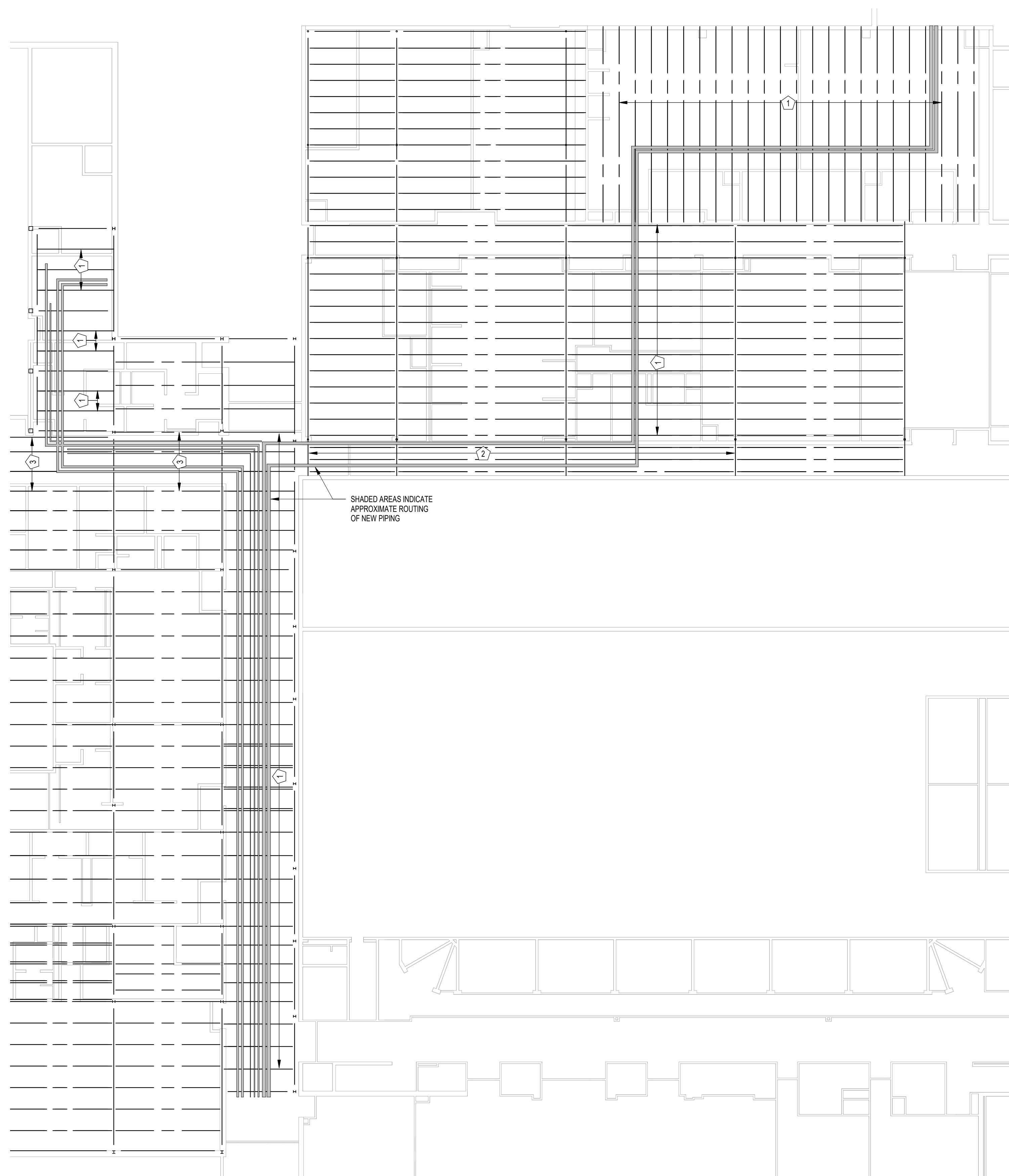
5625 Lawton Long Blvd Drive | Indianapolis, IN 46216
317-485-6900 | www.context-design.com

LANCER ASSOCIATES
ARCHITECTURE

427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203



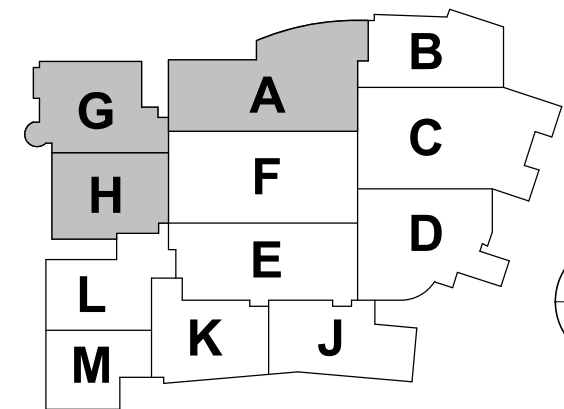
2 EX. JOIST REINFORCING DETAILS FOR PIPING
SCALE: 3/4" = 1'-0"



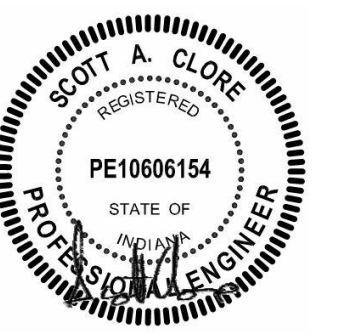
1 EX. JOIST REINFORCING PLAN
SCALE: 1/16" = 1'-0"

KEYED NOTES - EX. FRAMING

- 1 NEW PIPING TO BE SUPPORTED OFF EACH JOIST ALONG THE RUN OF THE PIPE THROUGH THE EX. BUILDING JOISTS TO BE REINFORCED PER DETAILS 2S102AGH & 4S601.
- 2 EACH RUN OF PIPE TO BE SUPPORTED OF (2) DIFFERENT SETS OF JOISTS. REINFORCE PER 4S601.
- 3 PIPING TO BE EVENLY SUPPORTED BY (4) JOISTS. REINFORCE PER 4S601.



CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184



REVISIONS:	Date	Desc.
#		
1	09-26-2023	Addendum 3

100% CONSTRUCTION DOCUMENT

PROJECT: #22130
DATE: 07-28-2023
DRAWN BY: DJL

EX. JOIST REINFORCING PLAN AND DETAILS

S102AGH

LANCER ASSOCIATES
ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

Lynch, Harrison & Grumley, Inc.



Primary Engineering, Inc.
9785 Crosspoint Blvd., Ste. 103
Indianapolis, Indiana 46256
317-324-1221 ph
www.primary-eng.com

Addendum: **3**

Date: **09/26/23**

Project: **Clark-Pleasant Community School Corp.
Whiteland Comm. High School Addition**

Comm #: **22417**

The following items shall be incorporated into the specifications and drawings and are considered to be integral to the bid documents for the project. Acknowledgement of receipt of this addendum is required on the bid form.

Item #1: Specification Section 089119, "Fixed Louvers".

- A. Add Part 2.3 A.g: Louvers and Dampers
- B. Add Part 2.3 B.g: Louvers and Dampers
- C. Add Part 2.3 C.g: Louvers and Dampers

Item #2: Specification Section 223400, "Fuel-Fired, Domestic-Water Heaters".

- A. Add Part 2.3 A.1.e: Taco Comfort Solutions; a Taco Family Company
- B. Add Part 2.3 A.1.f: Grundfos

Item #3: Specification Section 232116, "Hydronic Piping Specialties".

- A. Add Part 2.2 C.1.f: Taco Comfort Solutions; a Taco Family Company
- B. Add Part 2.2 C.1.g: Grundfos
- C. Add Part 2.3 A.1.e: Taco Comfort Solutions; a Taco Family Company
- D. Add Part 2.3 A.1.f: Grundfos

Item #4: Specification Section 232123, "Hydronic Pumps".

- A. Add Part 2.2 A.4: Taco Comfort Solutions; a Taco Family Company
- B. Add Part 2.2 A.5: Grundfos
- C. Add Part 2.3 A.4: Taco Comfort Solutions; a Taco Family Company
- D. Add Part 2.3 A.5: Grundfos
- E. Add Part 2.4 A.3: Taco Comfort Solutions; a Taco Family Company
- F. Add Part 2.4 A.4: Grundfos
- G. Add Part 2.5 A.3: Taco Comfort Solutions; a Taco Family Company
- H. Add Part 2.5 A.4: Grundfos

Item #5: Specification Section 235700, "Heat Exchangers for HVAC".

- A. Add Part 2.2 A.5: Taco Comfort Solutions; a Taco Family Company
- B. Add Part 2.2 A.6: Grundfos

Item #6: Specification Section 236513.13, "Open-Circuit, Forced-Draft Cooling Towers".

- A. Add Part 2.1 A.4: Reymsa

Item #7: Specification Section 237223.23, "Packaged, Outdoor, Heat Wheel Energy Recovery Units".

- A. Add Part 2.2 A.3: Daikin
- B. Add Part 2.2 A.4: Addison
- C. Add Part 2.2 A.5: Trane

Item #8: Specification Section 237343.16, "Outdoor, Semi-Custom Air-Handling Units".

- A. Add Part 2.2 A.3: York
- B. Add Part 2.2 A.3: VTS
- C. Add Part 2.2 A.3: Trane

Item #9: Specification Section 238146.13, "Water-to-Air Heat Pumps".

- A. Add Part 2.1 A.5: York
- B. Add Part 2.1 A.6: Daikin

Item #10: Specification Section 238146, "Water-Source Unitary Heat Pumps".

- A. Add Part 2.2 A.5: York
- B. Add Part 2.2 A.6: Daikin

Item #11: Specification Section 238416.13, "Outdoor, Mechanical Dehumidification Units".

- A. Add Part 2.1 A.3: Aaon
- B. Add Part 2.1 A.4: Seresco
- C. Add Part 2.1 A.5: Desert Aire
- D. Add Part 2.1 A.6: Poolpak

Item #12: Drawing Sheet P002.

- A. Add piping demolition. Refer to attached drawing revision.

Item #13: Drawing Sheet P100M.

- A. Add SEP-1. Refer to attached drawing revision.

Item #14: Drawing Sheet P101AGH.

- A. Revise piping. Refer to attached drawing revision.

Item #15: Drawing Sheet P101M.

- A. Add SEP-1. Refer to attached drawing revision.

Item #16: Drawing Sheet P403.

- A. Add Typical Sump Pump Detail. Revise Domestic Hot Water Flow Diagram. Refer to attached drawing revision.

Item #17: Drawing Sheet P501.

- A. Add Ejector Pump Schedule. Refer to attached drawing revision.

Item #18: Drawing Sheet M504.

- A. Hydronic Pump Schedule: revise CTP-1 and CTP-2 selection. Refer to attached drawing revision.
- B. Variable Speed Drive Schedule: revise VSD-CTP-1 and VSD-CTP-2 selection. Refer to attached drawing revision.

Item #19: Drawing Sheet E201M

- A. Rm. M101: Added SEP-1 and associated control panel. Refer to supplemental information drawing E201M.

Item #20: Drawing Sheet E601

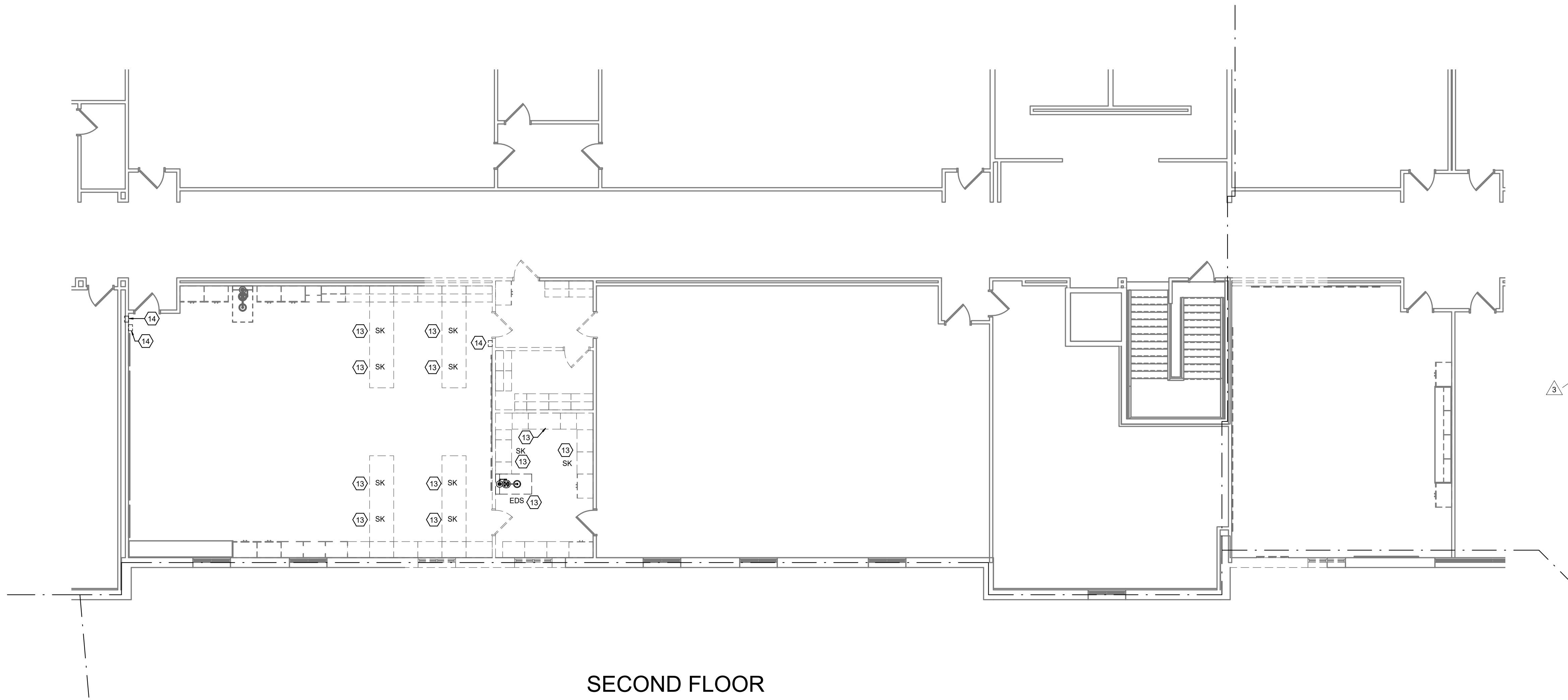
- A. Revised CT-2, CTP-1, & CTP-2 on riser diagram. Refer to supplemental information drawing E601.

Item #21: Drawing Sheet E701

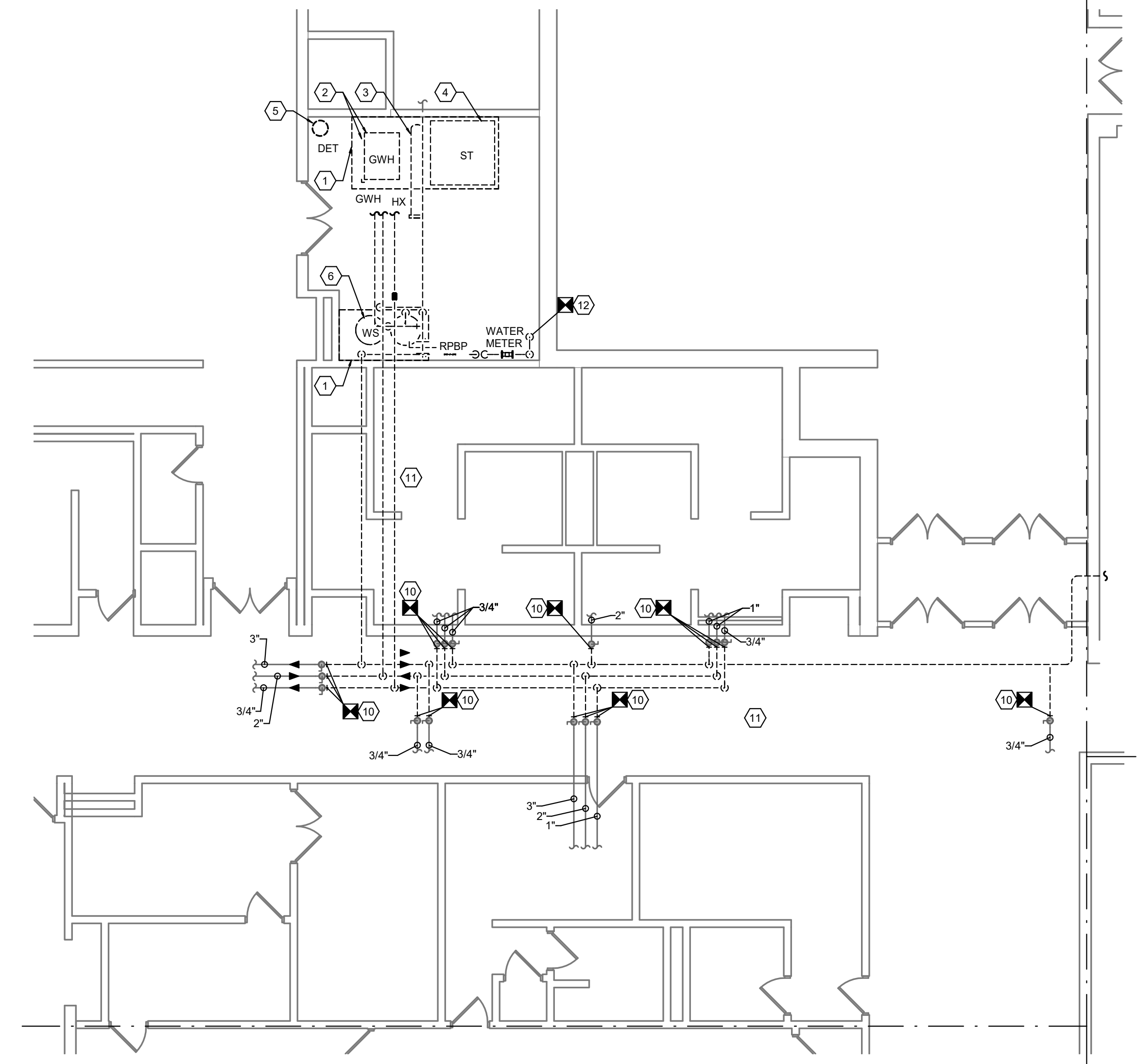
- A. Equipment Schedule: Revised horsepower rating of CTP-1 & CTP-2. Refer to supplemental information drawing E701.
- B. Equipment Schedule: Added SEP-1 to schedule. Refer to supplemental information drawing E701.

Item #22: Drawing Sheet E705.

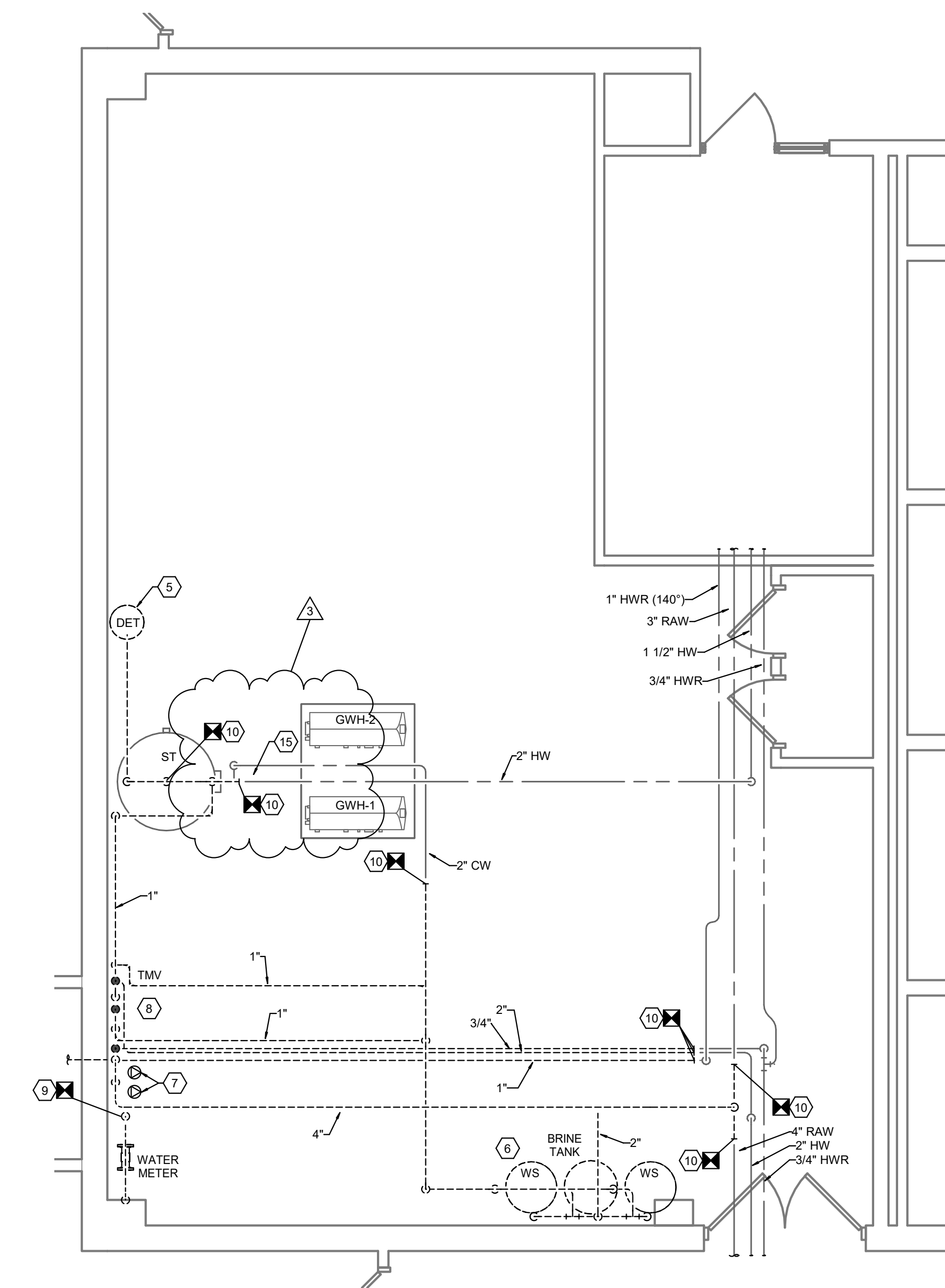
- A. Revised panel 1LK1. Refer to supplemental information drawing E705 for additional information.



3 SECOND FLOOR PLUMBING DEMOLITION PLAN - UNIT E
SCALE: 1/8" = 1'-0"



2 FIRST FLOOR - PARTIAL PLUMBING DEMOLITION PLAN - UNIT G
SCALE: 1/8" = 1'-0"



1 FIRST FLOOR - PARTIAL PLUMBING DEMOLITION PLAN - UNIT A
SCALE: 1/4" = 1'-0"

- DEMOLITION PLAN NOTES**
1. REMOVE EXISTING CONCRETE HOUSEKEEPING PAD COMPLETE.
 2. REMOVE EXISTING GAS FIRED WATER HEATER COMPLETE INCLUDING ASSOCIATED PIPING, MOUNTING DEVICES, VENTING, AND CONTROLS.
 3. REMOVE EXISTING POOL HEAT EXCHANGER COMPLETE INCLUDING ASSOCIATED PIPING MOUNTING DEVICES, CIRCULATOR PUMP, AND CONTROLS.
 4. REMOVE EXISTING STORAGE TANK COMPLETE INCLUDING ASSOCIATED PIPING, MOUNTING DEVICES, AND CONTROLS.
 5. REMOVE EXISTING DOMESTIC EXPANSION TANK COMPLETE INCLUDING ASSOCIATED PIPING AND MOUNTING DEVICES.
 6. REMOVE EXISTING WATER SOFTENER COMPLETE INCLUDING ASSOCIATED PIPING, MOUNTING DEVICES, AND CONTROLS.
 7. REMOVE EXISTING DOMESTIC HOT WATER RECIRCULATION PUMP COMPLETE INCLUDING ASSOCIATED PIPING, MOUNTING DEVICES, AND CONTROLS.
 8. REMOVE EXISTING THERMOSTATIC MIXING VALVE COMPLETE INCLUDING ASSOCIATED PIPING AND MOUNTING DEVICES.
 9. DISCONNECT AND REMOVE EXISTING ABANDONED WATER METER COMPLETE. CAP AND ABANDON REMAINING PIPING AT FLOOR.
 10. DISCONNECT AND REMOVE EXISTING PIPING COMPLETE INCLUDING ASSOCIATED HANGERS. PREPARE REMAINING PIPING FOR RECONNECT WITH NEW.
 11. COORDINATE WITH GC TO CAREFULLY TAKE DOWN AND SALVAGE EXISTING CEILING GRID AND TILE AS REQUIRED TO GAIN ACCESS FOR PLUMBING WORK AND REINSTALL EXISTING CEILING GRID AND TILE. REPLACE DAMAGED TILES AS REQUIRED.
 12. DISCONNECT AND REMOVE EXISTING WATER METER AND BACKFLOW PREVENTERS COMPLETE INCLUDING ASSOCIATED PIPING AND MOUNTING DEVICES. PREPARE REMAINING PIPING FOR RECONNECT WITH NEW.
 13. REMOVE EXISTING SCIENCE LAB SINK COMPLETE INCLUDING ASSOCIATED FIXTURE, TURRETS, PIPING, AND MOUNTING DEVICES. CAP AND ABANDON EXISTING 3/4" GAS, 3/4" AIR, 3/4" COLD WATER, AND 2" SANITARY DRAIN BELOW FLOOR AND PATCH FLOOR TO MATCH ADJACENT.
 14. REMOVE EXISTING UTILITY CONTROL SYSTEM COMPLETE INCLUDING ASSOCIATED CONTROLLER, CABINET, EMERGENCY SHUTOFF PLUMBERS, WIRING AND MOUNTING DEVICES.
 15. DISCONNECT AND REMOVE DOMESTIC HOT WATER PIPING HEADER BETWEEN EXISTING STORAGE TANK AND TEES TO EXISTING BOILERS. PREPARE FOR RECONNECT WITH NEW.

LANCER ASSOCIATES
ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

PRIMARY
ENGINEERING INC.
Fort Wayne Indianapolis
2626 Lake Ave. 9785 Crosspoint Blvd., Suite 103
Fort Wayne, Indiana 46825 Indianapolis, Indiana 46203
564.424.6444 (F) 317.324.1221 (I)
www.primaryeng.com

All concepts, ideas, plans, and details as shown on this document are the sole property of Primary Engineering, Inc., and shall not be used for any other purpose without their expressed written consent. The project owner shall be permitted to retain copies for information and reference purposes.
2023 © Primary Engineering, Inc.

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184

REGISTERED PROFESSIONAL ENGINEER
STATE OF INDIANA
PE11700017

REVISIONS:
Date Desc.

1 07/28/2023 APPENDIX #3
2 07/28/2023 APPENDIX #3
3 07/28/2023 APPENDIX #3

100% CONSTRUCTION DOCUMENT
PROJECT: #22130
DATE: 07-28-2023
DRAWN BY: ASL

FIRST AND SECOND FLOOR - PLUMBING DEMOLITION PLAN - MISC UNITS
P002

PRIMARY JOB # 22417

THIS MONOCHROME PRINT SHOULD DISPLAY GRAYSCALE SHIMES BELOW IF PRINTED PROPERLY WITH 256 SHADES OF GRAY

0 16 32 48
SCALE: 1/16" = 1'-0"

0 8 16 24 32
SCALE: 3/32" = 1'-0"

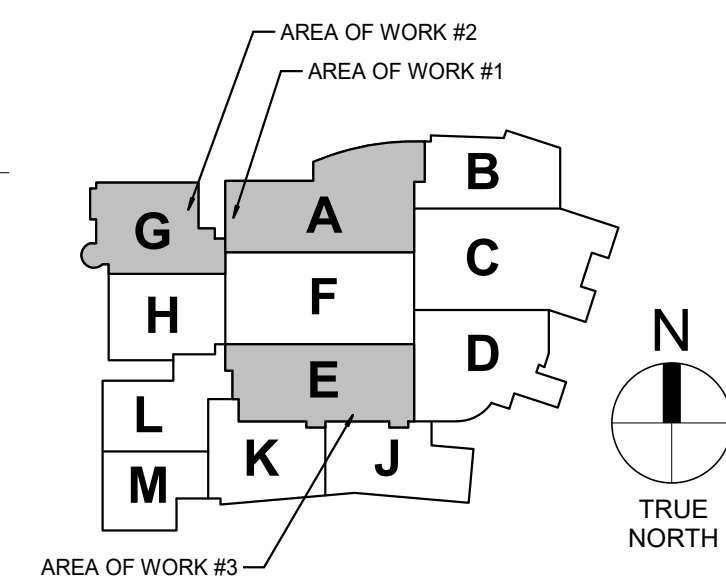
0 8 16 24
SCALE: 1/8" = 1'-0"

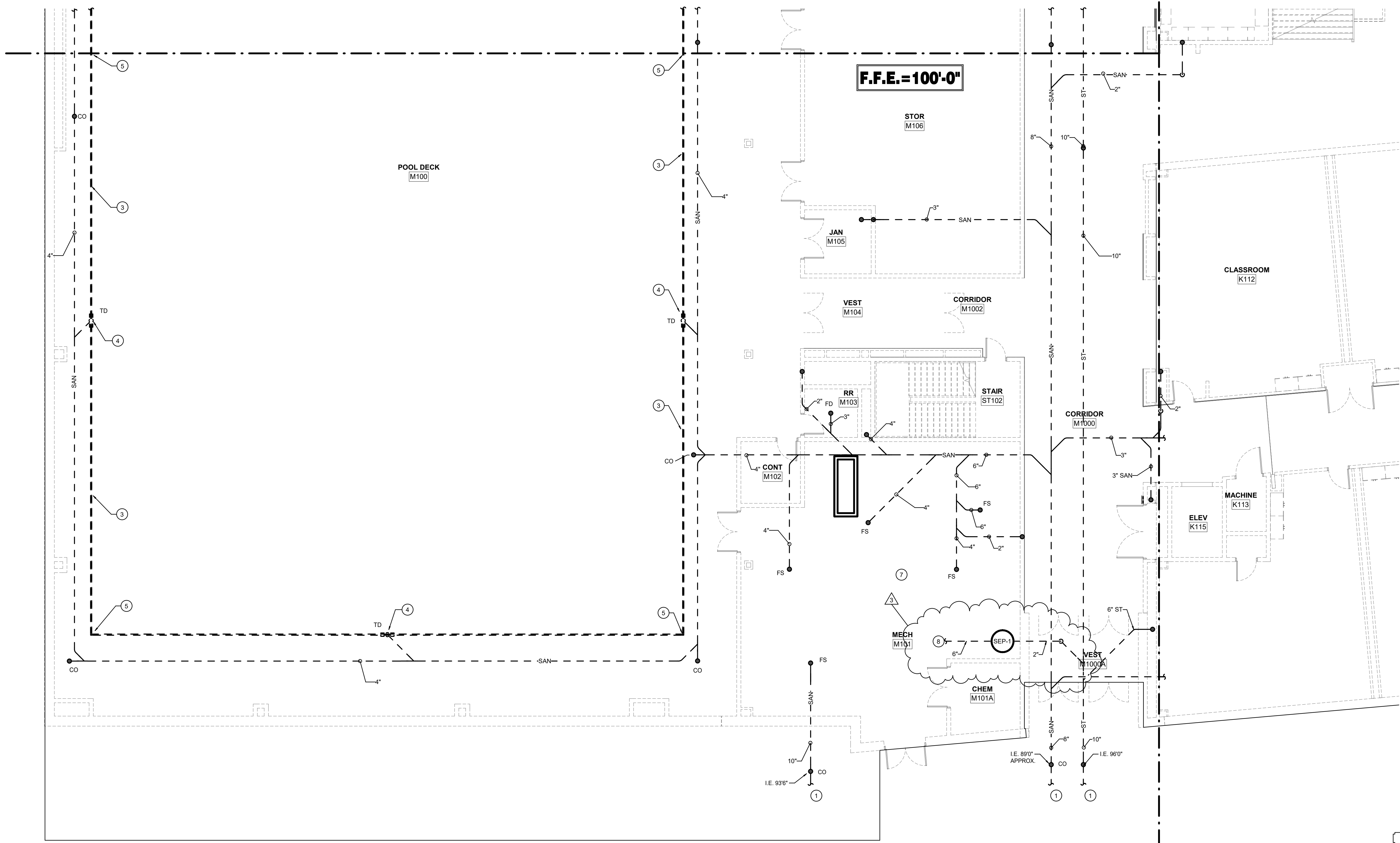
0 4 8 12
SCALE: 1/4" = 1'-0"

0 2 4 6
SCALE: 1/2" = 1'-0"

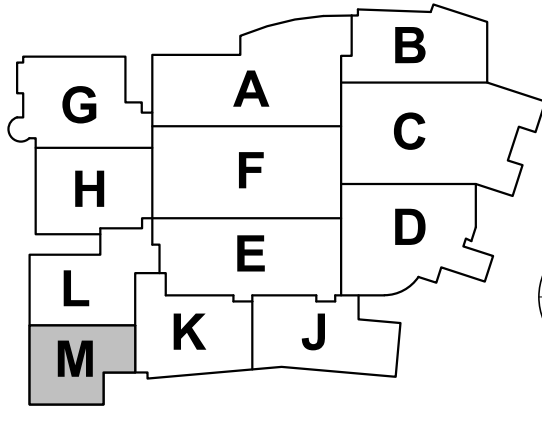
0 2 4 6
SCALE: 3/4" = 1'-0"

0 1 2 3
SCALE: 1" = 1'-0"



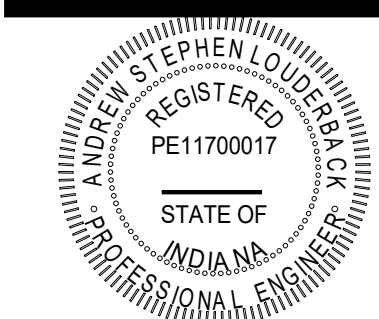


1 UNDERGROUND -
PLUMBING PLAN - UNIT M
SCALE: 1/8" = 1'-0"



- PLAN NOTES**
1. REFER TO CIVIL DRAWINGS FOR CONTINUATION. COORDINATE EXACT LOCATION WITH SITE CONTRACTOR.
 2. 2" SANITARY UP TO WALL BOX DRAIN FOR HVAC CONDENSATE DRAIN.
 3. 2" PERIMETER REINFORCED POLYMER CONCRETE TRENCH DRAIN AT 1% SLOPE. GRATE SHALL BE 3" WIDE SLOTTED ADA DIN CLASS A THERMAL PLASTIC WITH MEDIUM DUTY STAINLESS STEEL FRAME.
 4. 4" WIDE GULLY BOXES WITH SEDIMENT BASKET AND BOTTOM OUTLET.
 5. TRENCH DRAIN HIGH POINT.
 6. AT UNDERGROUND ROUGH-IN LOCATED ABOVE UNDERGROUND FOOTER, UNDERGROUND SANITARY OR STORM PIPING SHALL ROUTE ABOVE UNDERGROUND FOOTING BUT BELOW BOTTOM OF SLAB. BEYOND FOOTER, DECREASE PIPE INVERT ELEVATION TO 98'-6" MINIMUM. TYPICAL.
 7. COORDINATE EXACT LOCATION OF ALL SANITARY DRAINS WITH AQUATICS CONTRACTOR. REFER TO AQUATICS DRAWINGS FOR MORE INFORMATION.
 8. CONNECT TO POOL UNDERDRAIN BY POOL CONTRACTOR AND ROUTE TO NEW SUMP PUMP INLET. PIPING SHALL BE SCH 40 DWV PVC. COORDINATE EXACT LOCATION WITH POOL CONTRACTOR.

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184



[Signature]

REVISIONS:		
#	Date	Desc.
1	8/30/2023	ADDENDUM #1
2	9/6/2023	ADDENDUM #2
3	9/26/2023	ADDENDUM #3

100% CONSTRUCTION
DOCUMENT

PROJECT: #22130
DATE: 07-28-2023
DRAWN BY: ASL

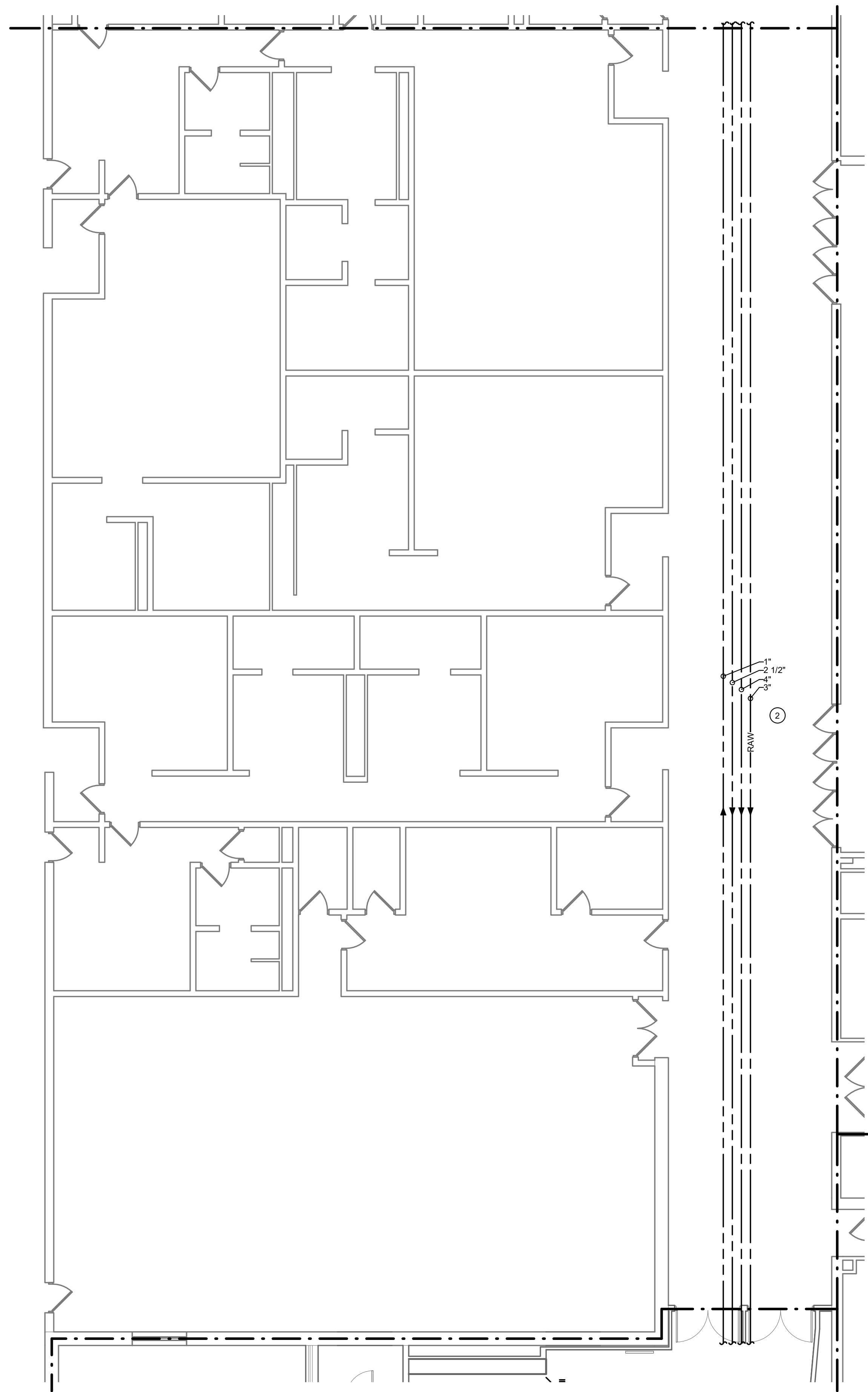
UNDERGROUND
- PLUMBING
PLAN - UNIT M

P100M

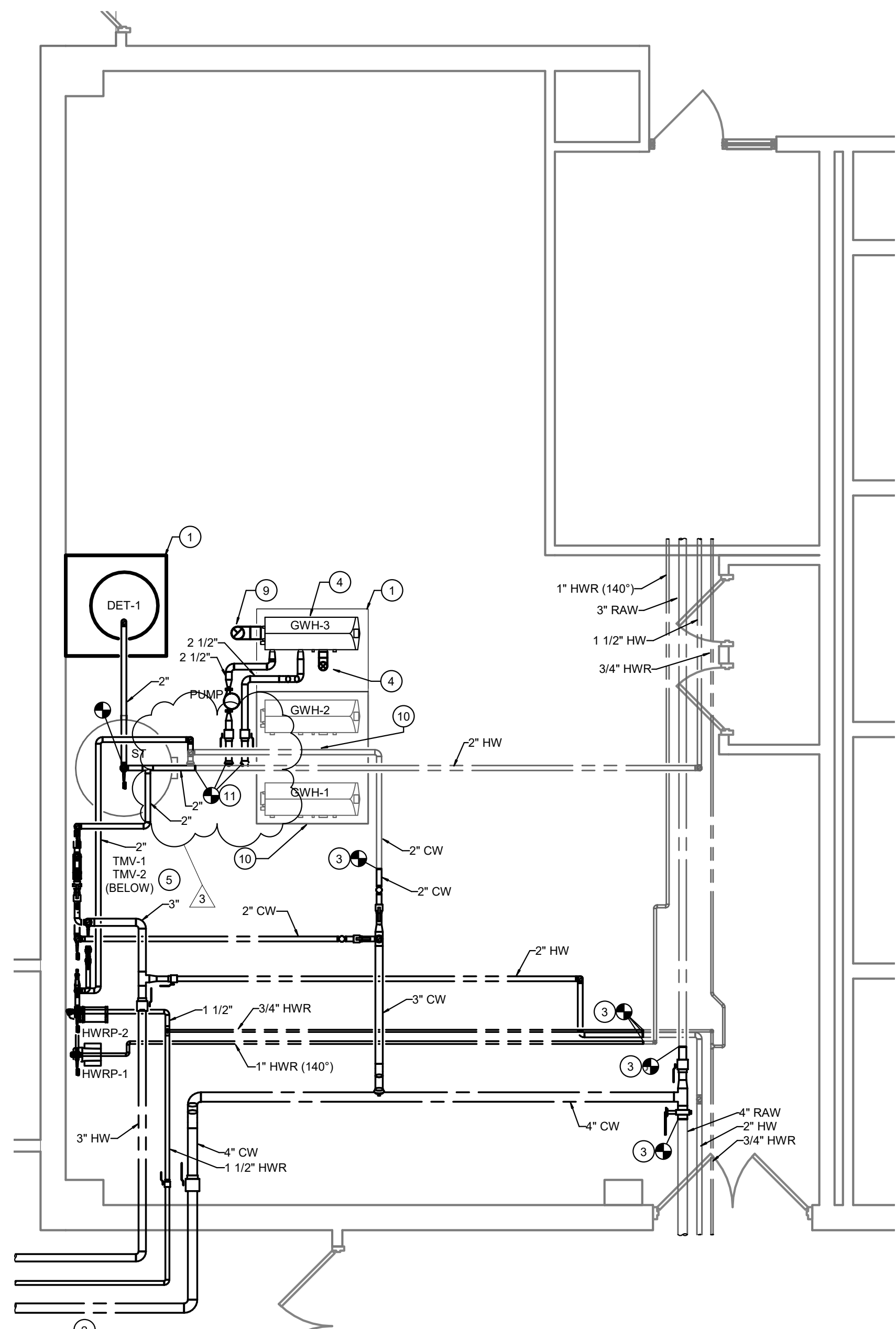
PRIMARY JOB # 22417



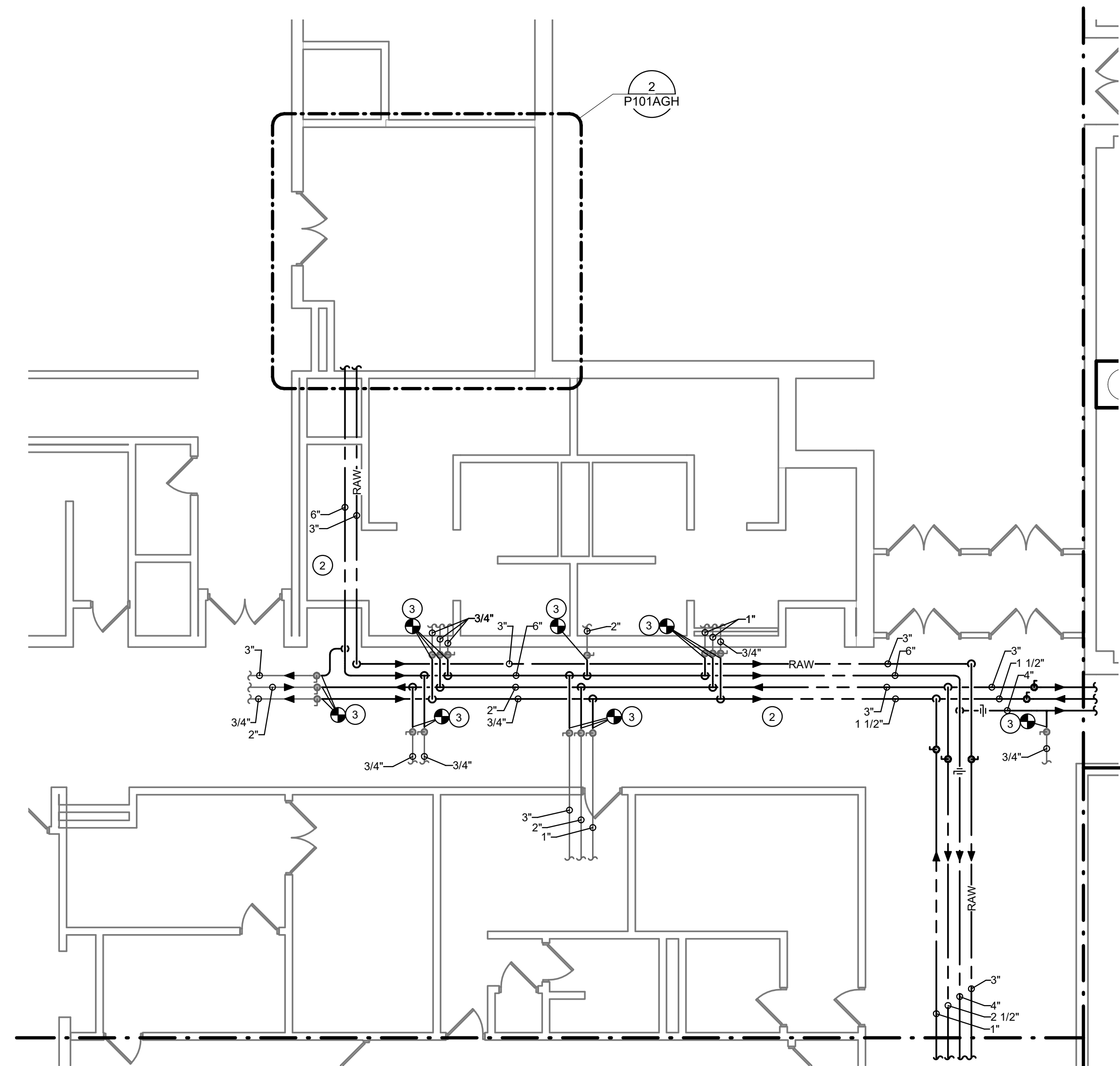
All concepts, ideas, plans, and details as shown on this document are the sole property of Primary Engineering, Inc., and shall not be used for any other purpose without their expressed written consent. The project owner shall be permitted to retain copies for information and reference purposes.
2023 © Primary Engineering, Inc.



4 PARTIAL FIRST FLOOR -
PLUMBING PLAN - UNIT H
SCALE: 1/8" = 1'-0"

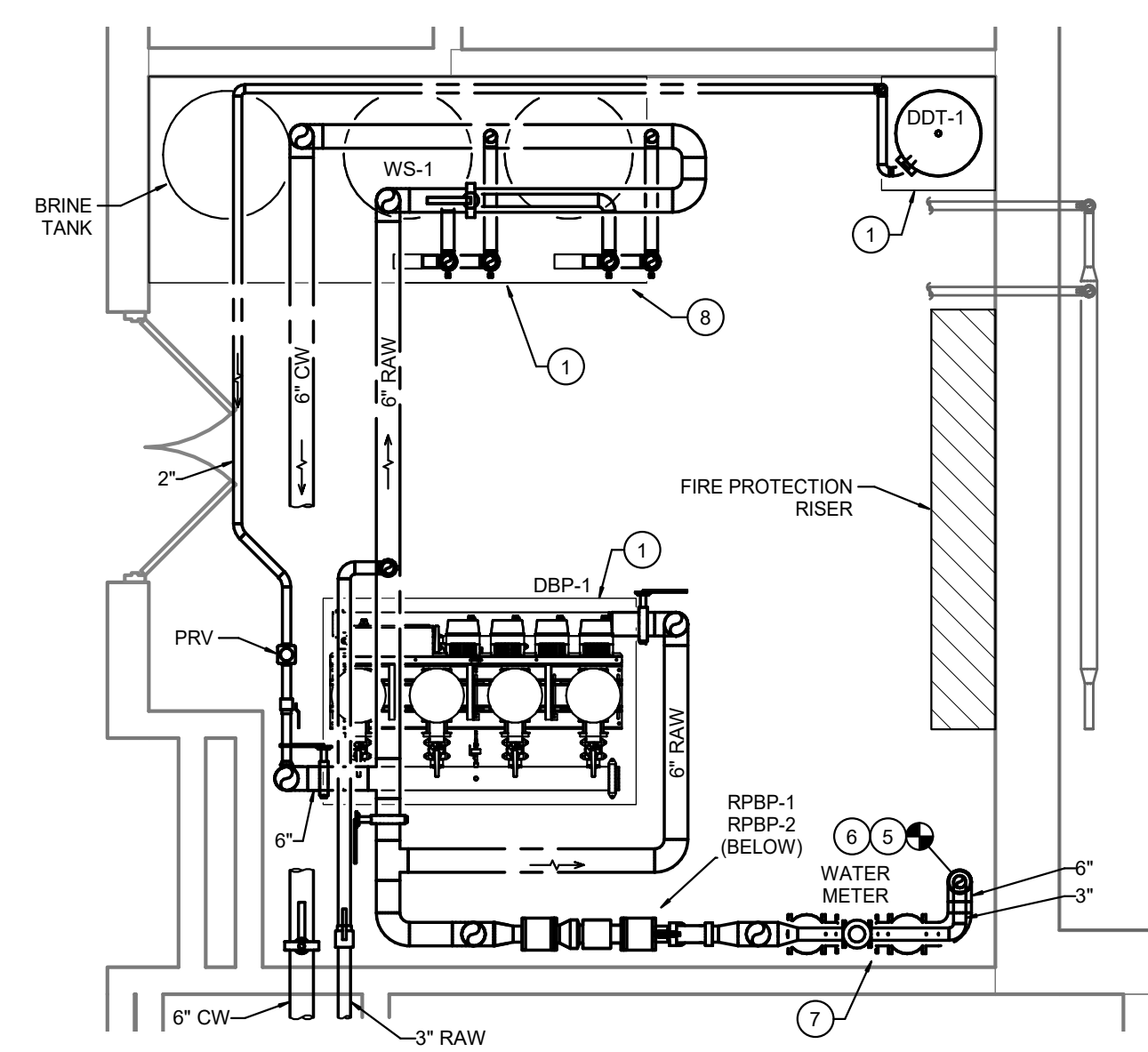


3 MECHANICAL ROOM - PLUMBING PLAN - UNIT A
SCALE: 1/4" = 1'-0"

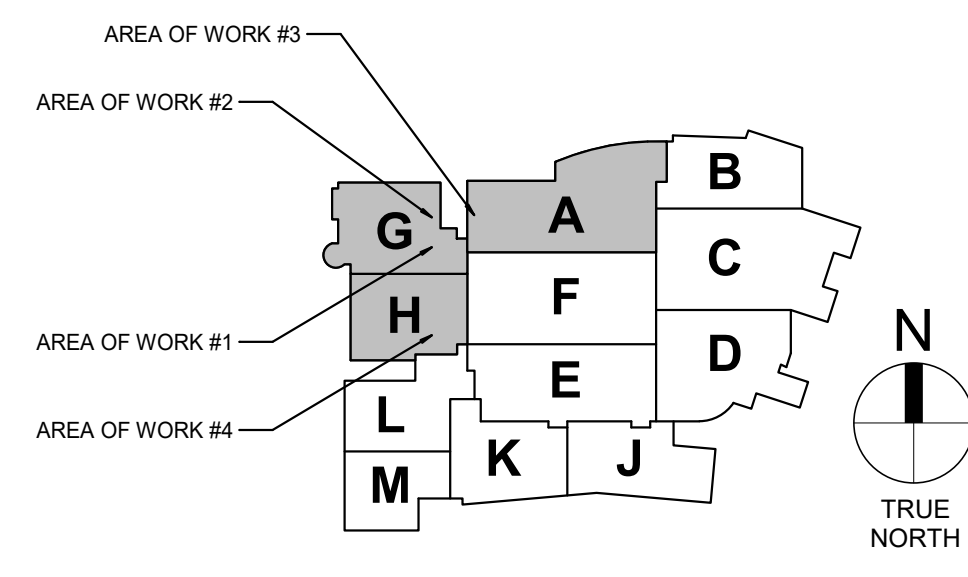


1 PARTIAL FIRST FLOOR -
PLUMBING PLAN - UNIT G
SCALE: 1/8" = 1'-0"

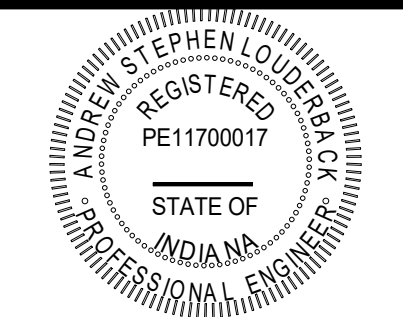
- PLAN NOTES**
1. PROVIDE AND INSTALL NEW 4" TALL CONCRETE HOUSEKEEPING PAD.
 2. COORDINATE WITH GC TO CAREFULLY TAKE DOWN, SALVAGE, AND REINSTALL EXISTING CEILING GRID AND TILE AS REQUIRED TO GAIN ACCESS FOR PLUMBING WORK.
 3. RECONNECT TO EXISTING PIPING.
 4. PROVIDE AND INSTALL NEW GAS-FIRED WATER HEATER AND TIE-IN TO EXISTING STORAGE TANK SUPPLY AND RETURN PIPING. ROUTE CONDENSATE DRAIN PIPING ON FLOOR AND DISCHARGE INTO NEAREST FLOOR SINK. CUT GRATE TO RECEIVE CONDENSATE.
 5. REFER TO DOMESTIC WATER FLOW DIAGRAMS FOR MORE INFORMATION.
 6. TIE-IN TO EXISTING WATER SERVICE PIPING AND PROVIDE AND INSTALL NEW DOMESTIC WATER AND FIRE PROTECTION WATER ENTRANCE. REFER TO DETAILS ON PLUMBING SHEET #401 FOR MORE INFORMATION.
 7. NEW WATER METER BY LOCAL UTILITY PROVIDER. COORDINATE WITH LOCAL UTILITY PROVIDER FOR EXACT REQUIREMENTS. CONTRACTOR SHALL COORDINATE WITH UTILITY PROVIDER TO SCHEDULE INSTALLATION OF NEW SERVICE.
 8. PROVIDE AND INSTALL NEW DUPLEX WATER SOFTENER PER MANUFACTURER'S INSTALLATION REQUIREMENTS. ROUTE WATER SOFTENER DRAIN ON FLOOR AND DISCHARGE DIRECTLY INTO NEAREST FLOOR SINK. CUT GRATE TO RECEIVE WASTE.
 9. ROUTE NEW POLYPROPYLENE VENT PIPING AND PVC INTAKE UP TO ROOF. CUT AND PATCH ROOF AS REQUIRED. MAINTAIN EXISTING ROOF WARRANTY.
 10. PROVIDE NEW SUPPORTS FOR EXISTING WATER HEATER FLUES.
 11. PROVIDE AND INSTALL NEW 4" DOMESTIC HOT WATER PIPING HEADER. RECONNECT TO EXISTING TANK SUPPLY AND RETURN CONNECTIONS AND TEES TO EXISTING BOILERS.



2 MECHANICAL ROOM - PLUMBING PLAN - UNIT G
SCALE: 1/4" = 1'-0"



CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184



[Signature]

REVISIONS:		
#	Date	Desc.
2	8/8/2023	ADDENDUM #2
3	9/26/2023	ADDENDUM #3

100% CONSTRUCTION DOCUMENT	
PROJECT: #22130	
DATE: 07-28-2023	
DRAWN BY: ASL	

PARTIAL FIRST
FLOOR -
PLUMBING
PLANS - UNIT A,
G AND H

P101AGH

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

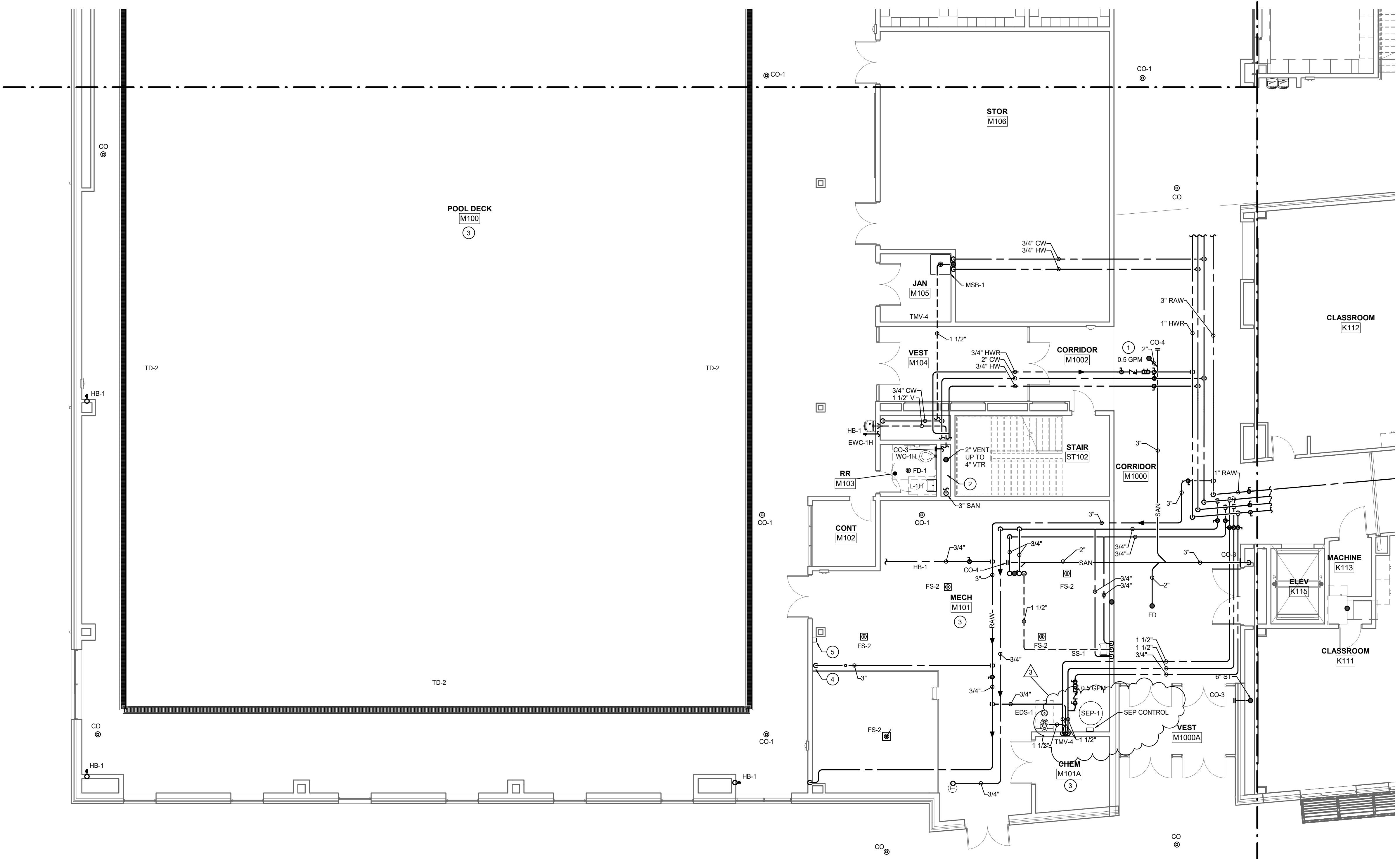
PRIMARY ENGINEERING INC.
Fort Wayne
2628 Lake Ave.
Fort Wayne, Indiana 46825
560.424.0444 (F)
www.primaryeng.com

Indianapolis
9785 Crosspoint Blvd., Suite 103
Indianapolis, Indiana 46255
317.224.1221 (H)
www.primaryeng.com

All concepts, ideas, plans, and details as shown on this document are the sole property of Primary Engineering, Inc., and shall not be used for any other purpose without their expressed written consent. The project owner shall be permitted to retain copies for information and reference purposes.
2023 © Primary Engineering, Inc.

UNLESS NOTED OTHERWISE, IN SPACES WITH NO CEILINGS OR WITH CEILING CLOUDS, PROVIDE AND INSTALL WHITE PAPER ASJ ON ALL PIPING INSULATION FOR FIELD PAINTING BY GENERAL CONTRACTOR. COORDINATE WITH GENERAL CONTRACTOR. COLOR SELECTION BY ARCHITECT. REFER TO ARCHITECTURAL DRAWINGS FOR MORE INFORMATION.

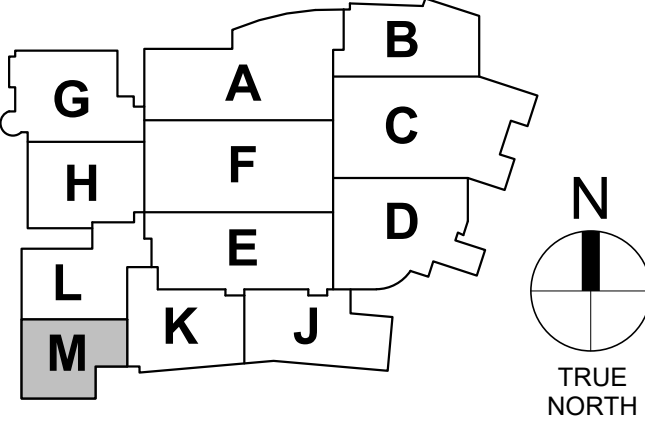
- PLAN NOTES**
1. PROVIDE AND INSTALL DOMESTIC HOT WATER BALANCING STATION. ADJUST FLOW TO GPM SHOWN. REFER TO MANUAL HOT WATER RETURN BALANCING STATION DETAIL ON DRAWING SHEET P401 FOR MORE INFORMATION.
 2. ROUTE FULL SIZE DOMESTIC, SANITARY, AND VENT PIPING ENTIRE LENGTH OF CHASE AND DISTRIBUTE TO NEW PLUMBING FIXTURES. REFER TO PLUMBING FIXTURE SCHEDULE ON PLUMBING SHEET P501 FOR CONNECTION SIZES.
 3. ALL MATERIALS FOR PLUMBING THIS ROOM SHALL BE CORROSION RESISTANT. REFER TO SPECIFICATIONS.
 4. ROUTE 3" DOMESTIC RAW COLD WATER AND 1" BYPASS TO POOL FILL FUNNEL. PLUMBING CONTRACTOR SHALL INSTALL (2) AUTOMATIC CONTROL VALVES. FURNISHED BY POOL CONTRACTOR. REFER TO POOL FILL DETAIL ON DRAWING SHEET P401 FOR MORE INFORMATION. COORDINATE WITH POOL CONTRACTOR.
 5. WATER METER WALL-MOUNTED REMOTE DISPLAY.



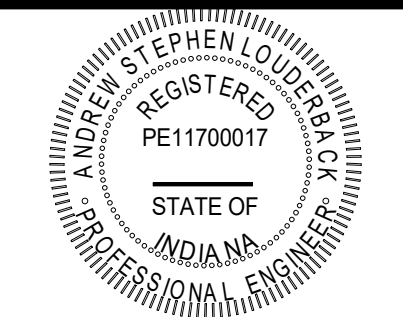
**FIRST FLOOR -
PLUMBING PLAN - UNIT M**
1 SCALE: 1/8" = 1'-0"

THIS MONOCHROME
PRINT SHOULD
DISPLAY
GRAVITATIONAL LINES
BELOW IF PRINTED
PROPERLY WITH
256 SHADES OF
GRAY

0 16 32 48 0 8 16 24 32 0 8 16 24 0 4 8 12 0 2 4 6 0 2 4 0 1 2 3
SCALE: 1/16" = 1'-0" SCALE: 3/32" = 1'-0" SCALE: 1/8" = 1'-0" SCALE: 1/4" = 1'-0" SCALE: 1/2" = 1'-0" SCALE: 3/4" = 1'-0" SCALE: 1" = 1'-0"



CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184



REVISIONS:

#	Date	Desc.
3	10/26/2023	ADDENDUM #3

100% CONSTRUCTION
DOCUMENT
PROJECT: #22130
DATE: 07-28-2023
DRAWN BY: ASL

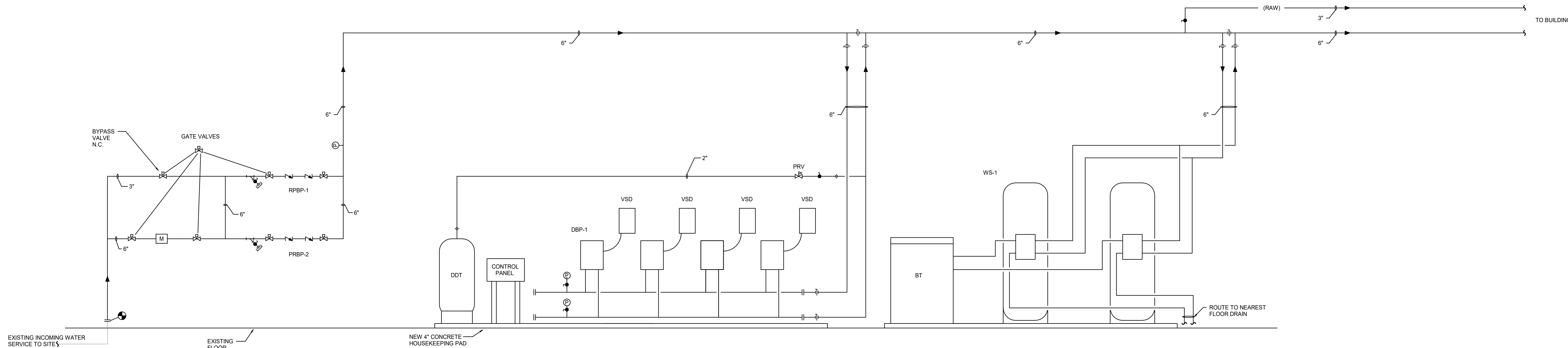
FIRST FLOOR -
PLUMBING
PLAN - UNIT M

P101M
PRIMARY JOB # 22417

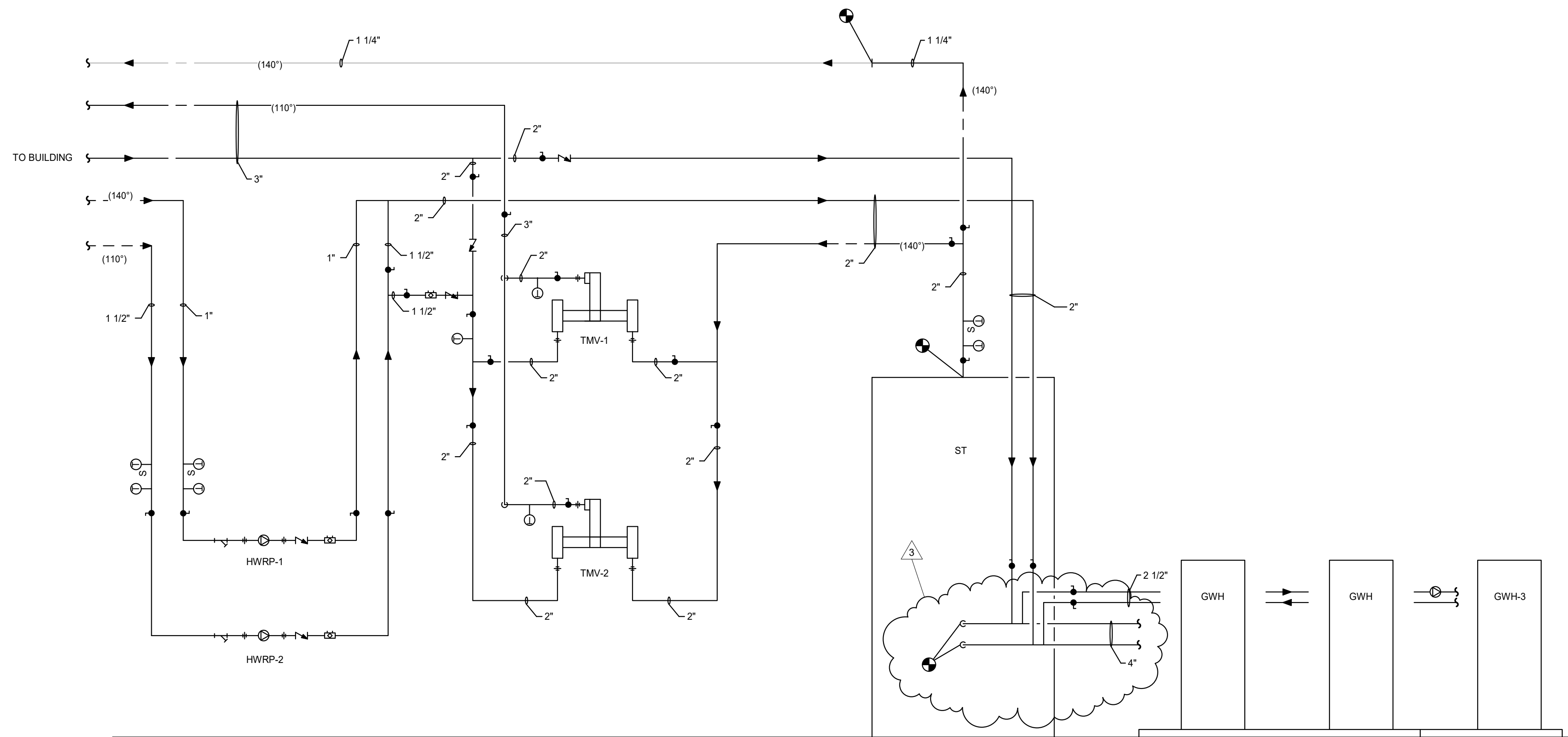
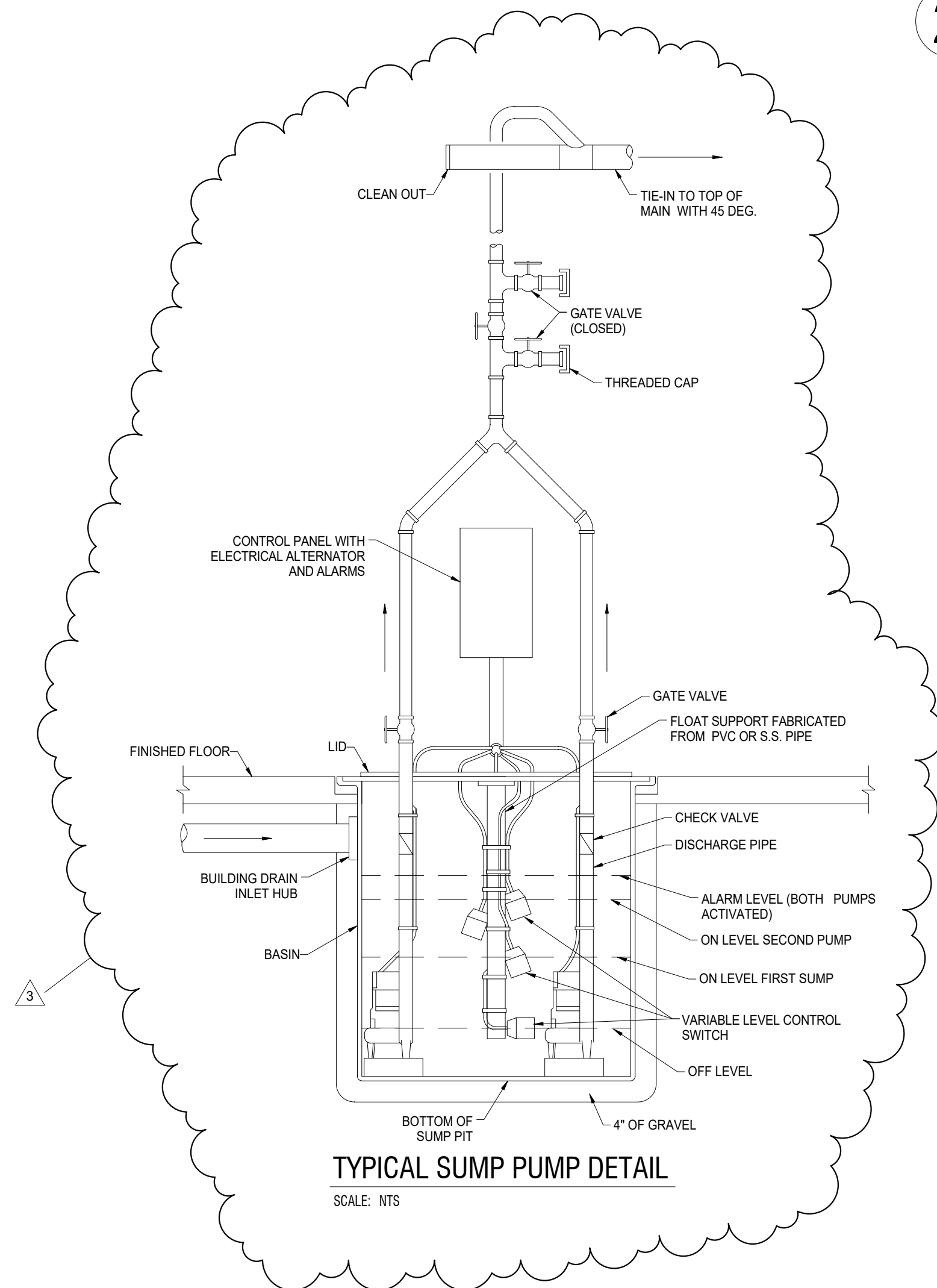
**PRIMARY
ENGINEERING INC.**
Fort Wayne Indianapolis
2628 Lake Ave. 9785 Crosspoint Blvd., Suite 103
Fort Wayne, Indiana 46825 Indianapolis, Indiana 46204
260.424.0444 (F) 317.324.1221 (I)
www.primary-eng.com

All concepts, ideas, plans, and details as shown on this document are the sole property of Primary Engineering, Inc., and shall not be used for any other purpose without their expressed written consent. The project owner shall be permitted to retain copies for information and reference purposes.
2023 © Primary Engineering, Inc.

**LANCER ASSOCIATES
ARCHITECTURE**
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203

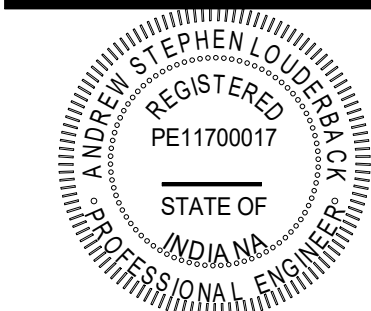


2 DOMESTIC WATER FLOW DIAGRAM
NOT TO SCALE



1 DOMESTIC HOT WATER FLOW DIAGRAM
NOT TO SCALE

CLARK-PLEASANT COMMUNITY SCHOOL CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN ST, WHITELAND, IN 46184



Signature of Stephen Louderback

REVISIONS:	
#	Desc.
3	10/26/2023 ADDENDUM #3

100% CONSTRUCTION DOCUMENT

PROJECT: #22130
DATE: 07-28-2023
DRAWN BY: ASL

PLUMBING DETAILS

P403

PRIMARY JOB # 22417

GLYCOL FILL STATION SCHEDULE							
TAG	MFR.	MODEL	CAPACITY (GAL)	MAX. PRESSURE (PSI)	FLOW RATE (GPM)	MOTOR SIZE (HP)	ELEC (V/PH)
GFS-1	ADVANTAGE CONTROLS	GF-1A1A0	55	60	5	1/3	120/1
GFS-2	ADVANTAGE CONTROLS	GF-1A1A0	55	60	5	1/3	120/1
REMARKS:							
1. PROVIDE AND INSTALL WITH FULLY PIPED PRESSURE SWITCH, PRESSURE GAUGE, AND LOW LEVEL ALARM SYSTEM.							
2. PROVIDE WITH AUXILIARY ALARM CONTACT FOR LOW LEVEL FOR BMS INTEGRATION.							
3. FURNISHED BY CHEMICAL TREATMENT PROVIDER, INSTALLED BY MC. COORDINATE WITH CHEMICAL TREATMENT PROVIDER.							

ELECTRIC UNIT HEATER SCHEDULE							
TAG	MFR.	MODEL	TYPE	CAPACITY (KW)	AIRFLOW (CFM)	ELEC (V/PH)	REMARKS
UH-M1	QMARK	QWD02	HORIZONTAL	2.0	700	208/1	1
REMARKS:							
1. PROVIDE AND INSTALL WITH FACTORY WIRED ELECTRICAL DISCONNECT.							

VARIABLE AIR VOLUME TERMINAL SCHEDULE														
TAG	MFR.	MODEL	TYPE	SERVICE	MIN COOLING AIR (CFM)	MAX COOLING AIR (CFM)	MIN HEATING AIR (CFM)	MAX HEATING AIR (CFM)	INLET S.P.	DOWNTURN S.P.	INLET SIZE (IN)	HEATING SIZE (IN)	AIR P.D. (IN)	ELEC (V/PH)
VAV-1	TITUS	DES/04	SO	OFFICE L102	70	200	70	135	1"	0.25"	4	1.0	0.04	120/1
VAV-2	TITUS	DES/04	SO	CONTROLS...	50	150	50	100	1"	0.25"	4	1.0	0.04	120/1
REMARKS:														
1. PROVIDE AND INSTALL WITH UNED DISCHARGE PLENUM SAME SIZE AS COIL DISCHARGE. 3' LONG (MIN).														
2. PROVIDE AND INSTALL WITH FACTORY WIRED CONTROL TRANSFORMER (120 VAC TO 24 VDC).														
3. PROVIDE AND INSTALL WITH UNED INLET SOUND ATTENUATOR AND FILTER ON RETURN CONNECTION.														
4. COILS RATED WITH 55 DEG EAT AND 75 DEG LAT.														
5. PROVIDE AND INSTALL WITH SCR ELECTRIC HEATER WITH AUTO RESET THERMAL CUTOUTS, MANUAL RESET, FLOW SWITCH, AND MAGNETIC CONTACTORS.														
6. PROVIDE AND INSTALL WITH FACTORY WIRED ELECTRICAL DISCONNECT.														
NOTES:														
SD = SHUTOFF														
SFP = SERIES FAN POWERED														
PFP = PARALLEL FAN POWERED														

HYDRONIC PUMP SCHEDULE																	
TAG	MFR.	MODEL	FRAME SIZE	IMPELLER DIA (IN)	FLUID	FLOW (GPM)	HEAD (FT)	NPSH R (FT)	MOTOR (HP)	MOTOR (BHP)	EFT (1'-1" F)	PLEV (PS)	MOTOR RPM	DESIG RPM	ELEC (V/PH)	SERVICE	REMARKS
P-1	BELL & GOSSETT	E-1510 30GB	284T	12.5	WATER	569	112	8.91	25.0	22.9	70.3	73.2	1800	1747	460/3	HEAT PUMP LOOP	1, 2, 3, 4, 5
P-2	BELL & GOSSETT	E-1510 30GB	284T	12.5	WATER	535	110	8.06	25.0	20.6	71.9	73.3	1800	1693	460/3	HEAT PUMP LOOP	1, 2, 3, 4, 5
P-3	BELL & GOSSETT	E-1510 30GB	284T	12.5	WATER	522	105	7.18	25.0	19.2	71.8	73.3	1800	1653	460/3	HEAT PUMP LOOP	1, 2, 3, 4, 5
P-4	BELL & GOSSETT	E-1510 30GB	284T	12.5	WATER	494	110	7.33	25.0	18.6	73.5	73.2	1800	1644	460/3	HEAT PUMP LOOP	1, 2, 3, 4, 5
P-5	BELL & GOSSETT	E-1510 40GC	324T	12.375	WATER	650	150	9.2	40.0	30.7	78.1	78.1	1800	1764	460/3	PHASE 1 ADDITION	1, 2, 3, 4, 5, 6
P-6	BELL & GOSSETT	E-1510 40GC	324T	12.375	WATER	650	150	9.2	40.0	30.7	78.1	78.1	1800	1764	460/3	PHASE 1 ADDITION	1, 2, 3, 4, 5, 6
P-7	BELL & GOSSETT	E-1510 40GC	324T	12.375	WATER	650	150	9.2	40.0	30.7	78.1	78.1	1800	1764	460/3	PHASE 1 ADDITION	1, 2, 3, 4, 5, 6
CTP-1	BELL & GOSSETT	VSK-VSCS 8x10x17.5B	405T/TS	17.5	WATER	2400	90	6.55	75.0	64.0	85.1	81.0	1200	1145	460/3	COOLING TOWER 1	1, 2, 3, 4, 5
CTP-2	BELL & GOSSETT	VSK-VSCS 8x10x17.5B	405T/TS	17.5	WATER	2400	90	6.55	75.0	64.0	85.1	81.0	1200	1145	460/3	COOLING TOWER 2	1, 2, 3, 4, 5
P-8	BELL & GOSSETT	E-1510 2.5SB	215T	9.5	30% PG	280	170	6.73	10.0	6.05	77.1	77.1	1800	1605	460/3	DOAS-1	1, 2, 3, 4, 5, 7
P-9	BELL & GOSSETT	E-1510 2.5SB	215T	9.5	30% PG	280	170	6.73	10.0	6.05	77.1	77.1	1800	1605	460/3	DOAS-1	1, 2, 3, 4, 5, 7
P-10	BELL & GOSSETT	E-1510 2BD	184T	8.5	30% PG	145	70	7.01	5.0	3.6	72.6	72.6	1800	1745	460/3	DOAS-1	1, 2, 3, 4, 5, 8
P-11	BELL & GOSSETT	E-1510 2BD	184T	8.5	30% PG	145	70	7.01	5.0	3.6	72.6	72.6	1800	1745	460/3	DOAS-1	1, 2, 3, 4, 5, 8
PH-1	BELL & GOSSETT	ECOCIRC XL 45-375	-	-	WATER	200	35	-	3.0	-	-	-	3600	3346	460/3	PH-1	-
REMARKS:																	
1. ALL MOTORS SHALL BE NON-OVERLOADING.																	
2. MOTOR SHALL BE MULTI-TAP 480/240/208 BALDOR SUPER-E WITH INTEGRAL SHAFT GROUNDING RING AND COMPLY WITH NEMA MG1 FOR VARIABLE SPEED OPERATION.																	
3. MOTOR SHALL HAVE CLASS F INSULATION FOR USE WITH VARIABLE SPEED DRIVE.																	
4. MFR SHALL ALIGN PUMP SHAFT IN THE FIELD, PRIOR TO START-UP. PROVIDE WRITTEN REPORT OF ALIGNMENT AND STARTUP.																	
5. PROVIDE WITH IMPELLER SIZE LISTED. VSD WILL BE USED TO BALANCE FLOW TO DESIGN POINT.																	
6. LEAD-LAG, PARALLEL PUMPING OPERATION, COMBINED FLOW 1950 GPM AT 150 FEET HEAD.																	
7. LEAD-LAG, PARALLEL PUMPING OPERATION, COMBINED FLOW 520 GPM AT 70 FEET HEAD.																	
8. LEAD-LAG, PARALLEL PUMPING OPERATION, COMBINED FLOW 280 GPM AT 70 FEET HEAD.																	

EXPANSION TANK SCHEDULE											
TAG	MFR.	MODEL	SERVICE	APPROX SYS VOL (GAL)	PRE-CHARGE (PSIG)	CALC. ACCEPT FACTOR	TANK VOL. (GAL)	ACCEPT. VOL. (GAL)	DIA. (IN)	HEIGHT (IN)	CONN. SIZE (IN)
ET-1.1	BELL & GOSSETT	B-1400	HEAT PUMP	30.000	30	0.618	370	229	36	98	1 1/2
ET-1.2	BELL & GOSSETT	B-1400	HEAT PUMP	-	30	0.618	370	229	36	98	1 1/2
ET-2	BELL & GOSSETT	B-800	DOAS-1	6.000	15	0.618	211	130	30	82	1 1/2
ET-3	BELL & GOSSETT	B-400	DOAS-1	3.000	15	0.618	158	98	30	64	1 1/2
REMARKS:											
1. PROVIDE AND INSTALL WITH LINE SIZE TAP RELIEF VALVE ON INLET.											
2. ALL TANKS SHALL BE ASME STAMPED.											
3. CONTRACTOR MUST VERIFY THE SYSTEM STATIC WATER PRESSURE PRIOR TO INSTALLING TANK AND ADJUST PRE-CHARGE AS REQUIRED.											

GENERAL MECHANICAL EQUIPMENT SCHEDULE	
TAG: HB-1.1, HB-1.2, HB-2.1, HB-2.2	
TYPE: HYDROCYCLONE SEPARATOR	
MFR: PUROLUX	
MODEL: PP-41-040	
PERFORMANCE: 600 GPM 3.0 PSI MINIMUM FLOW, 1245 GPM 12 PSI MAXIMUM FLOW, 6" FLNG SUPPLY AND RETURN CONNECTION, 1-1/2" PPT PURGE CONNECTION, 32 GALLON VOLUMIN, 650 LBS OPERATING WEIGHT, MINIMUM 95% SINGLE PASS REMOVAL EFFICIENCY RATE.	
REMARKS: PROVIDE AND INSTALL WITH PACKAGED AUTOMATIC ADJUSTABLE PURGE CONTROLS IN NEMA 4X ENCLOSURE. PROVIDE AND INSTALL WITH PACKAGED AUTOMATIC CONTROL VALVE.	

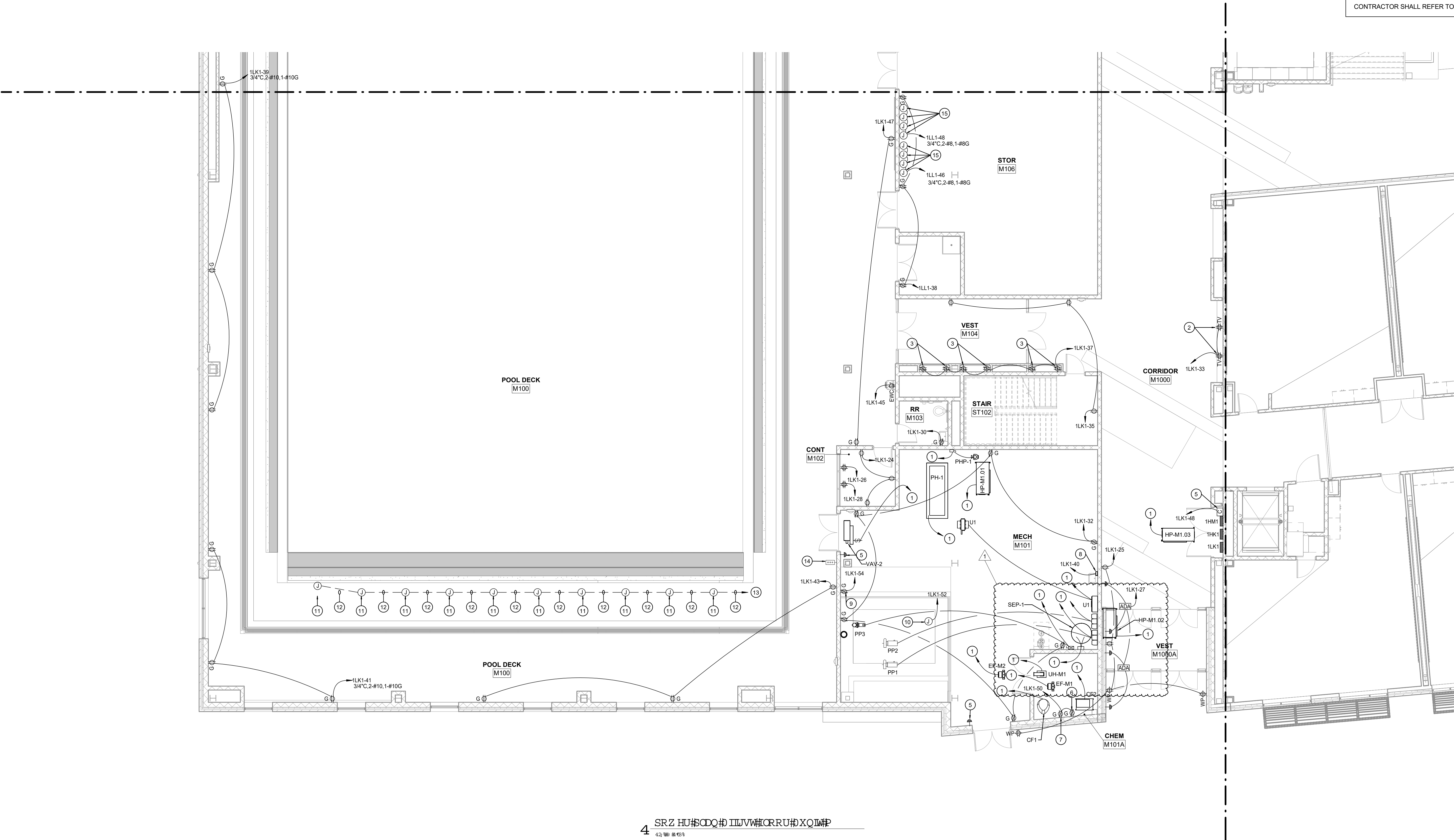
LOUVER SCHEDULE										
TAG	MFR.	MODEL	FACE SIZE (IN)	FREE AREA (SF)	AIRFLOW (CFM)	FACE VELOCITY (FPM)	THICKNESS (IN)	FINISH	SERVICE	REMARKS
L-1	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-2	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-3	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-4	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-5	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-6	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-7	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-8	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-9	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-10	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-11	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-12	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-13	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-14	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-15	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-16	GREENHECK	ESD-603	78x90	27.64	20450	740	6	2.0 mil 70% KYNAR	INTAKE	1, 2, 3
L-17	GREENHECK	SED-501	48x96	19.1	10500	548	5	2.0 mil 70% KYNAR	RETURN	2, 3
L-18	GREENHECK	SED-501	48x96	19.1	10500	548	5	2.0 mil 70% KYNAR	RETURN	2, 3
L-19	GREENHECK	SED-501	48x96	19.1	10500	548	5	2.0 mil 70% KYNAR	RETURN	2, 3
L-20	GREENHECK	SED-501	48x96	19.1	10500	548	5	2.0 mil 70% KYNAR	RETURN	2, 3
L-21	GREENHECK	ESD-603	72x24	5.7	2300	406	4	2.0 mil 70% KYNAR	EXHAUST	1, 2, 3
REMARKS:										
1. PROVIDE AND INSTALL WITH ALUMINUM BIRD SCREEN.										
2. PROVIDE AND INSTALL WITH CHANNEL FRAME.										
3. COLOR SELECTION BY ARCHITECT										
NOTE: PRIOR TO ORDERING ANY LOUVER, CONTRACTOR SHALL FIELD VERIFY ANY EXISTING OPENINGS THAT LOUVERS MUST BE INSTALLED IN.										

THIS MONOCHROME
PRINT SHOULD
DISPLAY
GRAVITATIONAL
BELOW IF PRINTED
PROPERLY WITH
256 SHADES OF
GRAY

PLOT DATE: 09/28/2023 9:15:59 AM

0 16 32 48 0 8 16 24 32 0 8 16 24 0 4 8 12 0 2 4 6 0 2 4 0 1 2 3
SCALE: 1/16" = 1'-0" SCALE: 3/32" = 1'-0" SCALE: 1/8" = 1'-0" SCALE: 1/4" = 1'-0" SCALE: 1/2" = 1'-0" SCALE: 3/4" = 1'-0" SCALE: 1" = 1'-0"

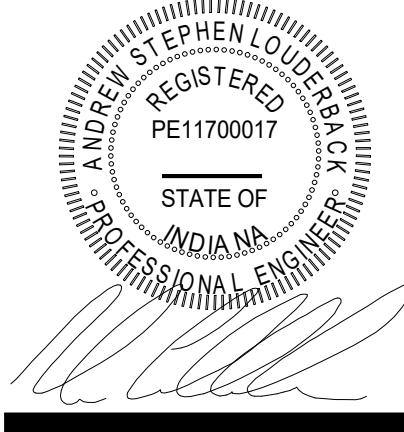
4 SRZ HU#SODQ#D ILUVW#CORRU#XQIM#P
4/2 00 00 00



CONTRACTOR SHALL REFER TO POOL DRAWINGS FOR ADDITIONAL ELECTRICAL ROUGH-IN REQUIREMENTS.

- SODQ#DRWHV
- COORDINATE LOCATION, ROUGH-IN AND ELECTRICAL REQUIREMENTS WITH CONTRACTOR AND APPROVED SHOP DRAWINGS PRIOR TO ROUGH-IN. REFER TO EQUIPMENT SCHEDULE ON SHEET E701 FOR ADDITIONAL INFORMATION.
 - PROVIDE AND INSTALL FSR PBW-250-2KO-BX BACK BOX TO MOUNT DOUBLE DUPLEX RECEPTACLE. BOX TO BE MOUNTED AT +72" TO BOTTOM OF WALL BOX. COORDINATE LOCATION WITH MOUNTING BRACKET/BLOCKING AND ARCHITECTURAL ELEVATION PRIOR TO ROUGH-IN. COVER COLOR SHALL BE SELECTED BY ARCHITECT.
 - MOUNT RECEPTACLES AT +6" ABOVE BOTTOM OF DISPLAY CASE. COORDINATE WITH ARCHITECTURAL ELEVATIONS.
 - CONTRACTOR TO CONTROL EMERGENCY SHUT-OFF BUTTON IN RM. M101. REFER TO DETAIL #9 ON SHEET E501 FOR ADDITIONAL INFORMATION.
 - EMERGENCY SHUT-OFF BUTTON WITH COVER. REFER TO DETAIL #9 ON SHEET E501 FOR ADDITIONAL INFORMATION.
 - RECEPTACLE TO SERVE ACID FEED CONTROL PANEL. COORDINATE EXACT LOCATION WITH POOL EQUIPMENT CONTRACTOR.
 - RECEPTACLE TO SERVE CALCIUM HYPOCHLORITE CONTROL PANEL. COORDINATE EXACT LOCATION WITH POOL EQUIPMENT CONTRACTOR.
 - CONTRACTOR SHALL MAKE FINAL CONNECTION TO CHEMICAL CONTROLLER. COORDINATE EXACT LOCATION WITH POOL EQUIPMENT CONTRACTOR.
 - RECEPTACLE TO SERVE SOLENOID VALVE. COORDINATE EXACT LOCATION WITH POOL EQUIPMENT CONTRACTOR.
 - CONTRACTOR SHALL MAKE FINAL CONNECTION TO FLOW METER SENSORS. COORDINATE EXACT LOCATION WITH POOL EQUIPMENT CONTRACTOR.
 - PROVIDE AND INSTALL 4"x4"x6" PVC JUNCTION BOX WITH 1" PVC DRAIN TO SERVE TIMING SYSTEM. COORDINATE EXACT LOCATION WITH POOL CONTRACTOR. REFER TO AQ205 FOR ADDITIONAL INFORMATION ON ROUGH-IN REQUIREMENTS.
 - PROVIDE AND INSTALL 1" PVC CONDUIT TO JUNCTION BOX TO SERVE TIMING SYSTEM. COORDINATE EXACT LOCATION WITH POOL CONTRACTOR. REFER TO AQ205 FOR ADDITIONAL INFORMATION ON ROUGH-IN REQUIREMENTS.
 - COORDINATE TERMINATION LOCATION OF CONDUIT FOR TIMING SYSTEM WITH POOL CONTRACTOR. COORDINATE EXACT LOCATION WITH POOL CONTRACTOR. REFER TO AQ205 FOR ADDITIONAL INFORMATION ON ROUGH-IN REQUIREMENTS.
 - PROVIDE AND INSTALL PUSH BUTTON CONTROL STATION CORROSION RESISTANT, 30 MM ENCLOSURE TYPE NEMA 4X, 304 STAINLESS STEEL. BUTTONS SHALL BE "START" AND "STOP" TO FOR REMOTE OPERATION OF DIVING AGITATOR PUMP (PP3). INTERCONNECT TO PUMPS MOTOR STATER IN MECHANICAL ROOM. COORDINATE BUTTON LOCATION WITH OWNER. BUTTON STATION SHALL BE IP66 RATED. STATION SHALL BE EQUAL TO SIEMENS #52C201S.
 - THE CONTRACTOR SHALL MAKE THE FINAL TERMINATION TO LOW VOLTAGE TRANSFORMER, PROVIDE BY DROWNING DETECTION SYSTEM INSTALLER. TO SERVE COMBINATION UNDERWATER CAMERA/LIGHT UNITS. PROVIDE TWO (2) #16 CONDUCTOR CABLE IN 1/2" CONDUIT FROM LOW VOLTAGE TRANSFORMER TO JUNCTION BOX PROVIDE BY DROWNING DETECTION SYSTEM INSTALLER AND TERMINATE TO CONNECTORS IN JUNCTION BOX. COORDINATE CONNECTION REQUIREMENTS WITH DROWNING SYSTEM INSTALLER. TYPICAL OF FOUR (4) COMBINATION UNDERWATER CAMERA/LIGHT UNITS.

CLARK-PLEASANT COMMUNITY SCHOOLS CORP.
WHITELAND COMM. HIGH SCHOOL ADDITION
300 E MAIN STREET, WHITELAND, IN 46184



REVISIONS:		
#	Date	Desc.
1	09-28-2023	Addendum #3

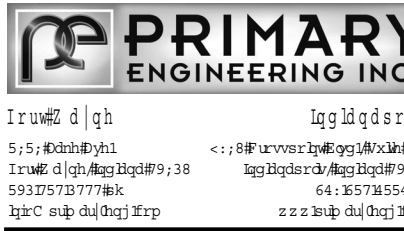
100% CONSTRUCTION DOCUMENTS
PROJECT: #22130
DATE: 07-28-2023
DRAWN BY: RHA

POWER PLAN - FIRST FLOOR - UNIT M

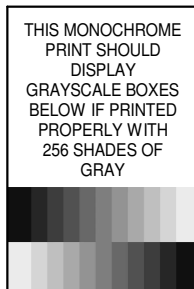
E201M

PRIMARY JOB # 22417

LANCER ASSOCIATES ARCHITECTURE
427 S. COLLEGE AVE
INDIANAPOLIS, IN 46203



All concepts, ideas, plans, and details as shown on this document are the sole property of Primary Engineering, Inc., and shall not be used for any other purpose without their expressed written consent. The project owner shall be permitted to retain copies for information and reference purposes.
2023 © Primary Engineering, Inc.



EQUIPMENT SCHEDULE																			
EQUIPMENT DESIGNATION	EQUIPMENT LOCATION	EQUIPMENT LOAD	VOLTAGE/PHASE	CIRCUIT INFORMATION		DISCONNECT				EQUIPMENT MOUNTED CONTROL PANEL	VARIABLE FREQUENCY/SPEED DRIVE (VFD/VSD)		SOLID STATE MOTOR STARTER						REMARKS
				CONDUIT AND CONDUCTOR SIZE	BRANCH CIRCUIT DESIGNATION	PROVIDED BY	FUSED OR NON-FUSED	NEUA ENCLOSURE	DISCONNECT SWITCH SIZE		FUSE RATING	PROVIDED BY	INSTALLED BY	PROVIDED BY	NEUA SIZE	CONTROL	TYPE	DISCONNECT SWITCH SIZE	
HP-J2.10	RM J214	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HJ2-26(38.30)	INT													
HP-J2.11	RM J216	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HJ2-31(33.35)	INT													
HP-J2.12	RM J209	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HJ2-32(34.36)	INT													
HP-J2.13	RM J211	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HJ2-37(39.41)	INT													
HP-J2.14	RM J211	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HJ2-38(40.42)	INT													
HP-J2.15	RM J232	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HJ2-43(45.47)	INT													
HP-K2.01	RM K01	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-1(8.5)	INT													
HP-K2.02	RM K203	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-2(4.6)	INT													
HP-K2.03	RM K204	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-7(8.11)	INT													
HP-K2.04	RM K200	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-8(10.12)	INT													
HP-K2.05	RM K200	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-13(15.17)	INT													
HP-K2.06	RM K203	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-14(16.18)	INT													
HP-K2.07	RM KL205	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-19(21.23)	INT													
HP-K2.08	RM K206	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-20(22.24)	INT													
HP-K2.09	RM K308	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-25(27.29)	INT													
HP-K2.10	RM K307	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-26(28.30)	INT													
HP-K2.11	RM K209	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-31(33.35)	INT													
HP-K2.12	RM K210	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-32(34.36)	INT													
HP-K2.13	RM K212	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-37(39.41)	INT													
HP-K2.14	RM K211	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-38(40.42)	INT													
HP-K2.15	RM K200	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-43(45.47)	INT													
HP-L2.01	RM L200	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HL1-1(8.5)	INT													
HP-L2.02	RM L208	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HL1-2(4.6)	INT													
HP-L2.03	RM L203	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HL1-7(8.11)	INT													
HP-L2.04	RM L204	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HL1-8(10.12)	INT													
HP-L2.05	RM L200	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HL1-13(15.17)	INT													
HP-L2.06	RM L201	10.9 MCA	208V/1PH	3/4" 4-#12.1-#12G	2LL1-36(38)	INT													9
HP-M2.01	RM M203	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-49(51.53)	INT													
HP-M2.02	RM M204	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	2HK1-50(52.59)	INT													
HP-J3.01	RM J301	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-2(4.6)	INT													
HP-J3.02	RM J303	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-7(8.11)	INT													
HP-J3.04	RM J302	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-8(10.12)	INT													
HP-J3.05	RM J304	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-13(15.17)	INT													
HP-J3.06	RM J300	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-14(16.18)	INT													
HP-J3.07	RM J302	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-19(21.23)	INT													
HP-J3.08	RM ST301	10.9 MCA	208V/1PH	3/4" 4-#12.1-#12G	3LJ2-50(52)	INT													9
HP-J3.09	RM J305	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-25(27.29)	INT													
HP-J3.10	RM J307	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-20(22.24)	INT													
HP-J3.11	RMN J314	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-31(33.35)	INT													
HP-J3.12	RM J316	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-28(30)	INT													
HP-J3.13	RM J309	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-37(39.41)	INT													
HP-J3.14	RM J313	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-32(34.36)	INT													
HP-J3.15	RM J300	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-43(45.47)	INT													
HP-J3.16	RM J324	24.5 MCA	480V/3PH	SEE RISER DIAGRAM ON E602	SEE RISER	INT													
HP-J3.17	RM J324	24.5 MCA	480V/3PH	SEE RISER DIAGRAM ON E602	SEE RISER	INT													
HP-J3.18	RM J324	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-38(40.42)	INT													
HP-J3.19	RM J315	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HJ2-49(51.53)	INT													
HP-J3.20	RM J317	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-38(40.42)	INT													
HP-K3.01	RM K302	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-1(8.5)	INT													
HP-K3.02	RM K300	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-2(4.6)	INT													
HP-K3.03	RM K300	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-7(8.11)	INT													
HP-K3.04	RM K301	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-8(10.12)	INT													
HP-K3.05	RM K303	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-13(15.17)	INT													
HP-K3.06	RM K304	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-14(16.18)	INT													
HP-K3.07	RM K306	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-19(21.23)	INT													
HP-K3.08	RM K305	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-20(22.24)	INT													
HP-K3.09	RM K308	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-25(27.29)	INT													
HP-K3.10	RM K310	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-26(28.30)	INT													
HP-K3.11	RM K307	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-31(33.35)	INT													
HP-K3.12	RM RM K300	9.8 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-32(34.36)	INT													
HP-L3.01	RM L300	7.9 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HL1-1(8.5)	INT													
HP-L3.02	RM L303	10.9 MCA	208V/1PH	3/4" 4-#12.1-#12G	3LL1-28(30)	INT													
HP-L3.03	RM L201	11.6 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-2(4.6)	INT													
HP-M3.01	RM J302	11.6 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-7(8.11)	INT													
HP-M3.02	RM ST302	10.9 MCA	208V/1PH	3/4" 4-#12.1-#12G	3LK1-32(34)	INT													
HP-M3.03	RM M301	13.0 MCA	480V/3PH	3/4" 4-#12.1-#12G	3HK1-37(39.41)	INT													
HS-1.1	RM A114A	1.0 FLA	120V/1PH	3/4" 2-#12.1-#12G	1LA1-5	EC	NF	1	20A										
HS-1.2	RM A114A	1.0 FLA	120V/1PH	3/4" 2-#12.1-#12G	1LA1-5	EC	NF	1	20A										
HS-2.1	RM A114A	1.0 FLA	120V/1PH	3/4" 2-#12.1-#12G	1LA1-7	EC	NF	1	20A										
HS-2.2	RM A114A	1.0 FLA	120V/1PH	3/4" 2-#12.1-#12G	1LA1-7	EC	NF	1	20A										
HWRP-1	RM G100	3.0 HP	480V/3PH	3/4" 3-#12.1-#12G	HPB-33(35.374)							EC	0	HOA	FVNR	30A	6A		7
HWRP-2	RM G100	3.0 HP	480V/3PH	3/4" 3-#12.1-#12G	HPB-33(35.37)							EC	0	HOA	FVNR	30A	6A	</	

PANEL: 1LA1			MLO: 125 AMPERE			VOLTAGE: 120/208				
MOUNTING TYPE: SURFACE			K.A.I.C.: 22			PHASE: 3				
PANEL REMARKS: HINGED DOOR WITHIN HINGED COVER, 100% RATED NEUTRAL BUS			FED FROM: SEE RISER			WIRE: 4+G				
REMARKS	CKT NO.	BRK SIZE	LOAD DESCRIPTION	PHASE A (VA)	PHASE B (VA)	PHASE C (VA)	LOAD DESCRIPTION	BRK SIZE	CKT NO.	REMARKS
	1	20A/1P	REC. - RM. A114A	720 0				20A/1P	2	1
	3	20A/1P	REC. - RM. A114A		720 0			20A/1P	4	1
	5	20A/1P	HS-1.1 & HS-1.2 - RM. 114A			240 0		20A/1P	6	1
	7	20A/1P	HS-2.1 & HS-2.2 - RM. 114A	240 0				20A/1P	8	1
	9	20A/1P	CHEMICAL TREAT CONTROLLER - RM.....		1500 0			20A/1P	10	1
	11	20A/1P	CHEMICAL TREAT CONTROLLER - RM.....			1500 0		20A/1P	12	1
	13	20A/1P	TEMPERATURE CONTROL PANEL - RM.....	1500 0				20A/1P	14	1
	15	20A/1P	TEMPERATURE CONTROL PANEL - RM.....		1500 0			20A/1P	16	1
	17	20A/1P	TEMPERATURE CONTROL PANEL - RM.....			1501 0		20A/1P	18	1
	19	30A/1P	EF-A1	1920 0				20A/1P	20	1
	21	20A/1P	BOILER SHUT-OFF		500 0			20A/1P	22	1
	23	20A/1P	CONTROL VALVE			250 0		20A/1P	24	1
	25	20A/1P	CONTROL VALVES B-1,B-2,B-3 & B-4	1000 0				20A/1P	26	1
	27	20A/1P	CONTROL VALVE HX-1.1 & HX-1.2		1000 0			20A/1P	28	1
	29	20A/1P	CONTROL VALVES HX-2.1 & HX-2.2			1000 0		20A/1P	30	1
	31	20A/1P	FLOW METER	500 0				20A/1P	32	1
	33	20A/1P	VIBRATION SWITCH - CT1		696 0			20A/1P	34	1
	35	20A/1P	VIBRATION SWITCH - CT1			696 0		20A/1P	36	1
	37	20A/1P	VIBRATION SWITCH - CT2	696 0				20A/1P	38	1
	39	20A/1P	VIBRATION SWITCH - CT2		696 0			20A/1P	40	1
	41	20A/1P				0 0		20A/1P	42	1
1				6,576	6,612	5,187				
REMARKS: 1. PROVIDE SPARE CIRCUIT BREAKER, AS INDICATED, IN SPACE. SPARE CIRCUIT BREAKER SHALL BE TURNED IN THE OFF POSITION AT END OF CONSTRUCTION. 2. CIRCUIT BREAKER TO BE GFCI TYPE.										

PANEL:		1LJ1	MLO:		225 AMPERE	VOLTAGE: 120/208				
MOUNTING TYPE:		SURFACE	K.A.I.C.:		22	PHASE: 3				
PANEL REMARKS:		HINGED DOOR WITHIN HINGED COVER, 100% RATED NEUTRAL BUS		FED FROM: SEE RISER		WIRE: 4+G				
REMARKS	CKT NO.	BRK SIZE	LOAD DESCRIPTION	PHASE A (VA)	PHASE B (VA)	PHASE C (VA)	LOAD DESCRIPTION	BRK SIZE	CKT NO.	REMARKS
	1	20A/1P	REC. - RM. J111	720 1080			REC. - RMS. J1100, J116, & J122	20A/1P	2	
	3	20A/1P	REC. - RM. J111		720 1080		REC. - RM. J130	20A/1P	4	
	5	20A/1P	REC. - RM. J111			720 1080	REC. - RM. J132	20A/1P	6	
	7	20A/1P	REC. - RM. J111	720 1080			REC. - RM. J134	20A/1P	8	
	9	20A/1P	REC. - RM. J111		720 1080		REC. - RM. J136	20A/1P	10	
	11	20A/1P	REC. - RM. K105			720 360	REC. - RM. J126	20A/1P	12	
	13	20A/1P	REC. - RM. K105	720 360			REC. - RM. J126	20A/1P	14	
	15	20A/1P	REC. - RM. K105		720 540		REC. - RM. J126	20A/1P	16	
	17	20A/1P	REC. - RM. K101			720 360	REC. - RM. J126	20A/1P	18	
	19	20A/1P	REC. - RM. K101	720 720			REC. - RMS. J1100 & J128	20A/1P	20	
	21	20A/1P	REC. - RM. K101		720 720		REC. - RM. K102	20A/1P	22	
	23	20A/1P	REC. - RM. K103			720 360	REC. - RM. K102	20A/1P	24	
	25	20A/1P	REC. - RM. K103	360 900			REC. - RM. K102	20A/1P	26	
	27	20A/1P	REC. - RM. K103		720 360		REC. - RM. K104	20A/1P	28	
	29	25A/1P	EF-J1			1556 720	REC. - RM. K104	20A/1P	30	
2	31	20A/1P	ELECTRIC WATER COOLERS - RM. J1300	1000 900			REC. - RM. K104	20A/1P	32	
	33	20A/1P	CONTRACTOR BC2 & SC2		500 720		REC. - RM. K106	20A/1P	34	
1	35	20A/1P				0 360	REC. - RM. K106	20A/1P	36	
1	37	20A/1P		0 900			REC. - RM. K106	20A/1P	38	
1	39	20A/1P			0 1500		REC. - RM. J102	20A/1P	40	
1	41	20A/1P				0 1500	REC. - RM. J102	20A/1P	42	
1	43	20A/1P		0 1500			REC. - RM. J102	20A/1P	44	
1	45	20A/1P			0 1500		REC. - RM. J102	20A/1P	46	
1	47	20A/1P				0 1500	REC. - RM. J102	20A/1P	48	
1	49	20A/1P		0 2500			REC. - RM. J102	30A/2P	50	
1	51	20A/1P			0 2500				52	
1	53	20A/1P				0 1500	REC. - RM. J102	20A/1P	54	
1	55	20A/1P		0 1500			REC. - RM. J102	20A/1P	56	
1	57	20A/1P			0 1500		REC. - RM. J102	20A/1P	58	
1	59	20A/1P				0 12,276		20A/1P	60	1
				15,680	15,800	0				

PANEL:		1LJ2		MLO:		225 AMPERE		VOLTAGE:		120/208	
MOUNTING TYPE:		SURFACE		K.A.I.C.:		22		PHASE:		3	
PANEL REMARKS:		HINGED DOOR WITHIN HINGED COVER, 100% RATED NEUTRAL BUS		FED FROM:		SEE RISER		WIRE:		4+G	
REMARKS	CKT NO.	BRK SIZE	LOAD DESCRIPTION	PHASE A (VA)	PHASE B (VA)	PHASE C (VA)	LOAD DESCRIPTION	BRK SIZE	CKT NO	REMARKS	
	1	20A/1P	REC. - RM. J101	720			REC. - RM. J102	20A/1P	2		
	3	20A/1P	REC. - RM. J101	720	540		REC. - RM. J102	20A/1P	4		
	5	20A/1P	REC. - RM. J101		900		REC. - RM. J102	20A/1P	6		
	7	20A/1P	REC. - RM. J103	720		720	REC. - RM. J104	20A/1P	8		
	9	20A/1P	REC. - RM. J103	540	720		REC. - RM. J104	20A/1P	10		
	11	20A/1P	REC. - RM. J103		360		REC. - RM. J104	20A/1P	12		
	13	20A/1P	REC. - RM. J105	720		540	REC. - RM. J104	20A/1P	14		
	15	20A/1P	REC. - RM. J105	360	720	360	REC. - RM. J104	20A/1P	16		
	17	20A/1P	REC. - RM. J105		1500		REC. - RM. J104	20A/1P	18		
	19	20A/1P	REC. - RM. J107	720		900	REC. - RM. J104	20A/1P	20		
	21	20A/1P	REC. - RM. J107	540		1500	REC. - RM. J106	20A/1P	22		
	23	20A/1P	REC. - RM. J107		720		REC. - RM. J108	20A/1P	24		
	25	20A/1P	REC. - RM. J109	720		720	REC. - RMS. L110, J112, J1200 & ST101	20A/1P	26		
	27	20A/1P	REC. - RM. J109	720	720	1500	REC. - RM. J112	20A/1P	28		
	29	20A/1P	REC. - RM. J109		1500		REC. - RM. J114	20A/1P	30		
	31	20A/1P	REC. - RMS. J1100 & J1100A	540		720	REC. - RM. J114	20A/1P	32		
	33	20A/1P	REC. - RM. J1000	360	720		REC. - RM. J114	20A/1P	34		
	35	15A/2P	HP-J1.08		720	1134	REC. - RM. J116	20A/1P	36		
	37			1134		720	REC. - RM. J116	20A/1P	38		
	39	20A/1P		900	0		REC. - RM. J116	20A/1P	40		
	41	20A/1P			360			20A/1P	42	1	
	43	20A/1P		0		0		20A/1P	44	1	
	45	20A/1P		0		0		20A/1P	46	1	
	47	20A/1P			0	0		20A/1P	48	1	
	49	20A/1P		0		0		20A/1P	50	1	
	51	20A/1P		0	0			20A/1P	52	1	
	53	20A/1P			0	0		20A/1P	54	1	
	55	20A/1P		0		0		20A/1P	56	1	
	57	20A/1P			0			20A/1P	58	1	
	59	20A/1P				0		20A/1P	60	1	
				9,414	10,980	0					
						10,254					

PANEL:		1LK1	MLO:		225 AMPERE	VOLTAGE:		120/208		
MOUNTING TYPE:		SURFACE	K.A.I.C.:		22	PHASE:		3		
PANEL REMARKS:		FED FROM: SEE RISER				WIRE:		4+G		
HINGED DOOR WITHIN HINGED COVER, 100% RATED NEUTRAL BUS, FEED THROUGH LUGS										
REMARKS	CKT NO	BRK SIZE	LOAD DESCRIPTION	PHASE A (VA)	PHASE B (VA)	PHASE C (VA)	LOAD DESCRIPTION	BRK SIZE	CKT NO	REMARKS
	1	20A/1P	REC. - RM. K107	720			REC. - RM. K108	20A/1P	2	
	3	20A/1P	REC. - RM. K107	900	720		REC. - RM. K108	20A/1P	4	
	5	20A/1P	REC. - RM. K107		360		REC. - RM. K108	20A/1P	6	
	7	20A/1P	REC. - RM. K109	720		720	REC. - RM. K110	20A/1P	8	
	9	20A/1P	REC. - RM. K109	720	720		REC. - RM. K110	20A/1P	10	
	11	20A/1P	REC. - RM. K109		360	720	REC. - RM. K110	20A/1P	12	
	13	20A/1P	REC. - RM. K111	900		900	REC. - RM. K112	20A/1P	14	
	15	20A/1P	REC. - RM. K111	540			REC. - RM. K112	20A/1P	16	
	17	20A/1P	REC. - RM. K111		720		REC. - RM. K112	20A/1P	18	
	19	20A/1P	REC. - RM. K111		360	540	REC. - RM. K112	20A/1P	20	
	21	20A/1P	ELEV. HVAC & LIGHTS - RM. K113	150		900	REC. - RM. K1100	20A/1P	22	
	23	20A/1P	REC. - RM. K113	900	1500		REC. - RM. K1000	20A/1P	24	
	25	20A/1P	ELEV PIT REC. - RM. K115		720	1500	REC. - RM. M102	20A/1P	26	
	27	20A/1P	REC. - RMS. M1000 & M1000A	900		540	REC. - RM. M102	20A/1P	28	
	29	20A/1P	ADA OPERATOR - RMS. M1000 & M1000A	360	1000		REC. - RM. M102	20A/1P	30	
	31	20A/1P	PIT LIGHTS - RM. K113		360	102	REC. - RM. M103	20A/1P	32	
	33	20A/1P	ELEV. EQUIP. LIGHTS - RM. K113	62		1500	REC. - RM. M101	20A/1P	34	
	35	20A/1P	REC. - RM. M1000	1080			EF-M1	20A/1P	36	
	37	20A/1P	REC. - RMS. M1002, M104 & ST102		360	540	EF-M2	25A/1P	38	
	39	20A/1P	DISPLAY CASE REC. - RMS. M1000 & ...	1080		1686	PH-1 - RM. M101	20A/1P	40	
	41	20A/1P	REC. - RM. M100	1500			CONTROLLER - RM. M101	20A/1P	42	
	43	20A/1P	REC. - RM. M100		540		CF1 - RM. M101	20A/1P	44	
	45	20A/1P	ELECTRIC WATER COOLER - RM. M100	1500		540	CF2 - RM. M101A	20A/1P	46	
2	47	20A/1P	REC. - RM. M100		500	696	TF-K1	20A/1P	48	
	49	20A/1P	VAV-2	1000		360	PHP-1 CONTACTOR	20A/1P	50	
	51	20A/2P	UH-M1	1500		500	REC. - RM. M101A	20A/1P	52	
	53				1000		FLOW METER - RM. M101	20A/1P	54	
	55	20A/1P		0		1000	REC. - RM. M101	20A/1P	56	
	57	20A/1P		1860	0	1500	SEP-1 - PUMP 1	25A/1P	58	
	59	20A/1P		0	1860	0	SEP-1 - PUMP 2	25A/1P	60	
	61	20A/1P		0		450	SEP-1 CONTROL PANEL	20A/1P	62	1
	63	20A/1P		0	0			20A/1P	64	1
	65	20A/1P			0	0		20A/1P	66	1
	67	20A/1P		0	0			20A/1P	68	1
	69	20A/1P		0	0	0		20A/1P	70	1
	71	20A/1P			0	0		20A/1P	72	1
				16,932	14,952	16,198				
REMARKS										
1. PROVIDE SPARE CIRCUIT BREAKER, AS INDICATED, IN SPACE. SPARE CIRCUIT BREAKER SHALL BE TURNED IN THE OFF POSITION AT END OF CONSTRUCTION.										
2. CIRCUIT BREAKER TO BE GFCI TYPE.										

	Whiteland High School Addendum #3 Narrative	September 26, 2023
---	--	--------------------

SPECIFICATIONS:

- 1) N/A

DRAWINGS:

- 1) N/A

BIDDER QUESTIONS:

- 1) Does the owner need licensing provided with the Airtame or is that owner-furnished? Also, confirm Airtame Ethernet Adapter is desired and not Airtame POE Ethernet Adapter. (Wireless Presentation Receiver 27 41 16 2.5)
 - a) Yes, please provide proper licensing for all Airtame devices provided. Coordinate with owner directly for licensing account information. The Airtame PoE Ethernet Adapter shall be provided.
- 2) Can we get some clarification on the flat panel displays? Not finding an 18/5 rating, only 16/7 or 24/7. Also, is the contrast ratio requirement met by dynamic contrast ratio or just static? (Flat Panel Display 27 41 16 2.15)
 - a) MON (monitor) locations are acceptable to be 16/7 rated, with DS (digital signage) location requiring the 24/7 rating. Contrast ratio requirement is meant to be met by the static contrast ration. Displays with a 4000:1 static contrast ratio will be deemed acceptable.
- 3) Speaking of displays (MON and DS), having trouble finding a display/mount combination that meets all of the requirements of 4" depth max, tilt +5 to -20, and non-articulating.
 - a) Are the mounts going to be recessed in the wall in some way?
 - i) Mounts will not be recessed within the wall. Line item is listed as a general note to keep ADA clearances in mind when installing.
 - b) Can the science lab displays be exempt from 4" since they are above counters, and can the DS displays be exempt from tilt range? What about the flex spaces and small group spaces? Will they be in egress areas or have tables in front of them?
 - i) Science labs would be exempt from 4" ADA guideline, as the counters would stick out further than the display to prevent a vision impaired person from hitting their head on the display. DS displays shall have tilt option mounts, as the owner may desire to tilt them slightly downwards. Flex and small group displays shall have tilt option mounts, as the owner may desire to tilt them slightly downwards. All displays shall be mounted at the standard 0 degree tilt unless otherwise requested by the owner. Tables placed in front of the display would negate ADA clearance requirements.

- c) Considering the Sony BZ40H series of commercial displays and Chief LTM1U mounts. Acceptable?
 - i) The Sony BZ40H series and Chief LTM1U mounts are acceptable.
- 4) Sheet T306, Digital Signal Processor Type is not specified. Is this Type 1 or Type 2?
 - a) This shall be digital signal processor type 1, the QSYS Core 110f or similar.
- 5) Is Extron ECM S10 an acceptable partition sensor alternative? (Partition Sensor 27 41 16 2.14)
 - a) The Extron ECM S10 is an acceptable alternative.
- 6) Not finding a paging amplifier from Care Hawk to meet the specifications. Is the Care Hawk DAF100-70V acceptable? (Paging Amplifier 27 51 23 2.5)
 - a) The CareHawk DAF100-70V is acceptable.

SHEET INDEX:

N/A