# ADDENDUM NO. 2

February 23, 2024

Yorktown High School – Addition and Renovations 1100 South Tiger Drive Yorktown, IN, 47396

# 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 February 22, 2024, by CSO Architects. 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 2 - 1 through ADD 2 - 4, General Information, 00 10 00a - Electronic Bid Submission, Specification Section 00 31 00 Revised Indiana Bid Form, Guideline Schedule, and attached CSO Architects Addendum No. 2 dated February 22, 2024, consisting of 17 pages, Specification Sections 03 35 00 – Concrete Surface Treament' 09 51 36 – Metal Mesh Ceilings, 09 67 23 – Resinous Flooring - Epoxy, 09 84 33 – Sound-Absorbing Tectum Units, and Drawing Sheets: C000, C101, C300, C400, C500, C501, C900, L100, L200, L400, L500, L501, L600, S201J, S701, A103, A104, A211A, A211G, A211J, A300, A301, A320, A400, A401, A410, A411, A430, A432, A433, A450, A601, A604, A610, A611, A616, A617, A801G, A900, A901G E100, E201A, E201J, E211J, E601, E611, M601, P101A, P101B, P201A, P201B, P301E, PD101B, PD201A, PD201B.

#### A. GENERAL INFORMATION:

1. Please utilize the following link for the virtual bid opening:

# Microsoft Teams meeting

Join on your computer, mobile app or room device

Click here to join the meeting

Meeting ID: 247 370 876 759

Passcode: ij6xDY

Download Teams | Join on the web

Or call in (audio only)

+1 317<u>-762-3960,,282584675</u># United States, Indianapolis

Phone Conference ID: 282 584 675#

2. Pre-Award Conferences for the apparent low bidders will be conducted on the following date and times. Meetings will be conducted via Microsoft Teams.

Bid Category No. 1	March 1, 2024, at 10:00 AM
Bid Category No. 2	March 1, 2024, at 1:00 PM
Bid Category No. 3	March 1, 2024, at 2:00 PM
Bid Category No. 4	March 4, 2024, at 10:00 AM
Bid Category No. 5	March 4, 2024, at 11:00 AM
Bid Category No. 6	March 4, 2024, at 1:00 PM
Bid Category No. 7	March 4, 2024, at 2:00 PM
Bid Category No. 8	March 5, 2024, at 8:00 AM
Bid Category No. 9	March 5, 2024, at 10:00 AM
Bid Category No. 10	March 5, 2024, at 11:00 AM
Bid Category No. 11	March 5, 2024, at 2:15 PM

# A. SPECIFICATION SECTION 00 10 00 – INSTRUCTIONS TO BIDDERS

**Electronic Bid Submission Procedures** 

Resubmitting for clarity.

# B. SPECIFICATION SECTION 00 31 00 - INDIANA BID FORM

Revise the following alternate:

Alternate Bid No. 5 – Floor Finishes

# C. <u>SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY</u>

# 3.03 BID CATEGORIES:

# A. BID CATEGORY NO. 1 – GENERAL TRADES

Add the following specification sections:

Section 03 35 00 – Concrete Surface Treatment

- Specification section attached within Addendum No. 2.

Delete the following specification sections:

Section 09 42 16 – Decorative Wall Panels

Section 11 53 13 – Laboratory Fume Hoods

Section 12 32 16 – Manufactured Plastic-Laminate-Faced Casework

Section 12 35 55 – Plastic – Laminate-Clad Laboratory Casework

# Add the following clarification:

27. Bid Category #1 to remove existing trees as indicated on Sheet C101.

#### D. BID CATEGORY NO. 4 – WINDOWS/STOREFRONTS/CURTAINWALL

## Add the following clarifications:

- 6. Bid Category 4 shall provide ½" MIN. Laminated Low-Iron Glass by CRL-BlumCraft 1301 CM Series or Equal as indicated on Sheet A910.
- 7. Bid Category 4 shall provide Black Anodized Frame as indicated on detail 3/A910.
- 8. Bid Category 4 shall provide all glass components needed to install the Custom Display Case 9'-0" X 10'-0" CRL-BlumCraft 1301 CM Series or Equal as indicated on Sheet A910.

#### E. BID CATEGORY NO. 5 – METAL FRAMING/DRYWALL/CEILINGS

Delete the following specification sections:

Section 06 40 00 – Interior Architectural Woodwork

Add the following specification sections:

Section 09 51 36 – Metal Mesh Ceilings

Section 09 84 33 – Sound-Absorbing Tectum Units

# Revise the following clarifications:

6. Provide Thermal Insulation for all interior and exterior walls indicated in the Contract Documents for your own work.

#### Add the following clarifications:

- 7. Bid Category No. 5 shall provide all work indicated on detail 4/A910.
- 8. Bid Category No. 5 to provide Girt for Aluminum Expansion Joint along entire length of new corridor.

#### F. BID CATEGORY NO. 6 - FLOOR COVERING

Add the following specification section:

Section 09 67 23 – Resinous Flooring – Epoxy

# H. BID CATEGORY NO. 8 - CASEWORK AND MILLWORK

Add the following specification:

Section 06 40 00 – Interior Architectural Woodwork

Section 09 42 16 – Decorative Wall Panels

Section 11 53 13 – Laboratory Fume Hoods

Section 12 32 16 – Manufactured Plastic-Laminate-Faced Casework

# D. SPECIFICATION SECTION 01 23 00 BID ALTERNATES

Revise the following alternate:

ALTERNATE NO. 5: Floor Finishes

- Base Bid: Provide all costs associated with Luxury Vinyl Tile as indicated in the Construction Documents.
- Alternate Bid: Provide Terrazzo Flooring, in lieu of Luxury Vinyl Tiles, as indicated in the Construction Documents.

# E. SPECIFICATION SECTION 01 32 00 SCHEDULE AND REPORTS

Revise the following Guideline Schedule:

Revised Guideline Schedule Attached Herein.

**END OF ADDENDUM** 





# **Electronic Bid Submission**

Submit and review bids electronically through the plan room and not in person. We are here to help businesses go from paper to uploading bids electronically. Step by step we will help transition your teams today.

# Easy, Confidential and Complete



Suppliers can submit bids with no paper, no delivery and no mailing.



Easily upload all documents from your office for both job owners and suppliers.



Complete communication through the plan room.



The bids can't be viewed by anyone, even authorized people, until the bid day/time is past. Secure and fair for all bidders.



Contractors may return at any time prior to the posted bid date and time, to make changes or updates



Only after close time and only those with authorization can download, open and review the submitted bids.



When bid time ends, simply arrange a meeting to review all the bids.



Every one is working together within the online plan room.

To add this feature to your next project contact Tamara Tincher Tamara.Tincher@easternengineering.com or (317) 827-6083.







# How to submit a bid electronically through the online plan room

- Bidders need to register and sign-in to the plan room, in order to submit a bid.
- Click on the project listing then click 'Submit Bid' button.
- Save your completed bid form and required forms as PDFs. All bid documents can be in one pdf or separate
  - Click 'Submit Bid' next to the job name on the
- Attach bid form and required bid documents per the project specifications.

pdf documents can be uploaded.

information tab.

- Click 'Submit Bid' at bottom of screen.
- You will receive a confirmation screen, stating that, "Your Bid Submission has been saved successfully."

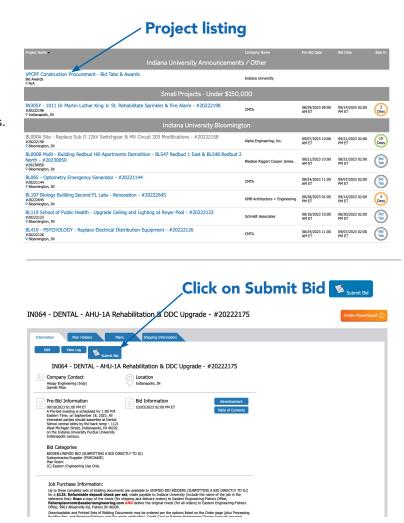
You will receive a confirmation email confirmation, indicating your submission was received.

# **Completely Secure**

- The bids can't be viewed by anyone, even authorized people, until the bid day/time is past. Keeping the process secure and fair for all bidders.
- Only after close time and only those with authorization can download, open and review the submitted bids
- Every one is working together within the online plan room and completely secure.

# **Support is Available**

If you have any questions contact Tamara at Tamara.Tincher@easternengineering.com or (317) 827-6083.



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- Fishers, IN (866) 884-4115
- Muncie, IN (800) 884-4115
- Ft. Wayne, IN (866) 782-4115
- Champaign, IL (217) 359-3261 Perrysburg, OH (419) 661-9841 Novi, MI (248) 707-1890

# CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013) (Amended for YCS)

# Yorktown High School Additions & Renovations Yorktown Community Schools

(Delaware 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 Numb	oer:	Email Address:	
Person to contact	regarding this Bid		
	es given, the undersigned offelic works project of:	ers to furnish labor and	l/or materials necessary to
	Insert Category	No. (s) and Name(s)	
-	project, <b>Yorktown High Sch</b> cations prepared by <i>CSO Arc</i> ows:		
BASE BID			
For the sum of	(Sum in words)		
		DOLLARS (\$_	(Sum in figures)
			(Sum in figures)

The undersigned acknowledge Receipt of Addenda No. (s)			
PROPOSAL TIME			
Bidder agrees that this Bid s days from the due date, and E within said sixty (60) consec	Bids may be accepted	d or rejected during this pe	eriod. Bids not accepted
Attended pre-bid conference	YES	NO	
Has visited the jobsite	YES	NO	
The Bidder has reviewed the Of the schedule can be met.			the intent
Bidder has included their Wawill perform work on the pull 13-18-5 or IC 4-13-18-6.	blic work project an	Plan that covers all emploid meets or exceeds the re	oyees of the bidder who equirements set in IC 4-
The Skillman Corporation's measure the active participal Disabled Individual-Owned provided full and equal oppositions.	ation of Minority- O I Businesses. The Pr	wned, Women-Owned, Vogram is to ensure that M	Veteran – Owned and IWVDBEs are
Bidder has included:	DBE: YES MBE: YES WBE: YES VBE: YES	_% NO _% NO	
The undersigned further ear	oos to furnish a bon	d or cartified chack with	this Rid for an amount

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 – Pre-Engineered Buil	ding Liner Panels In Fieldhouse	
Change the Base Bid the sum of (sum in words)	DOLLARS (\$(sum in figure	
Alternate Bid No. 2 – West Locker Room		
Change the Base Bid the sum of(sum in words)	DOLLARS (\$(sum in figure	
Alternate Bid No. 3 – East Locker Room F	•	<u>all</u>
(sum in words)	DOLLARS (\$(sum in figur	

# 

#### **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 w	orks projects are no	ow in process of co	onstruction by your organization?
	Contract Amount	Class of Work	Completion Date	Name and Address of Owner
3.	Have you ever why?	failed to complete	any work awarded	It so, where and
_				

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

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

4.

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 you bid.)
2.	Places list the names and addresses of all subcentractors (i.e. persons or firms outside you
۷.	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 equipmen used by subcontractors may also be required to be listed by the governmental unit.

5.	Have you into contracts or received of used in preparing your proposal? 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.

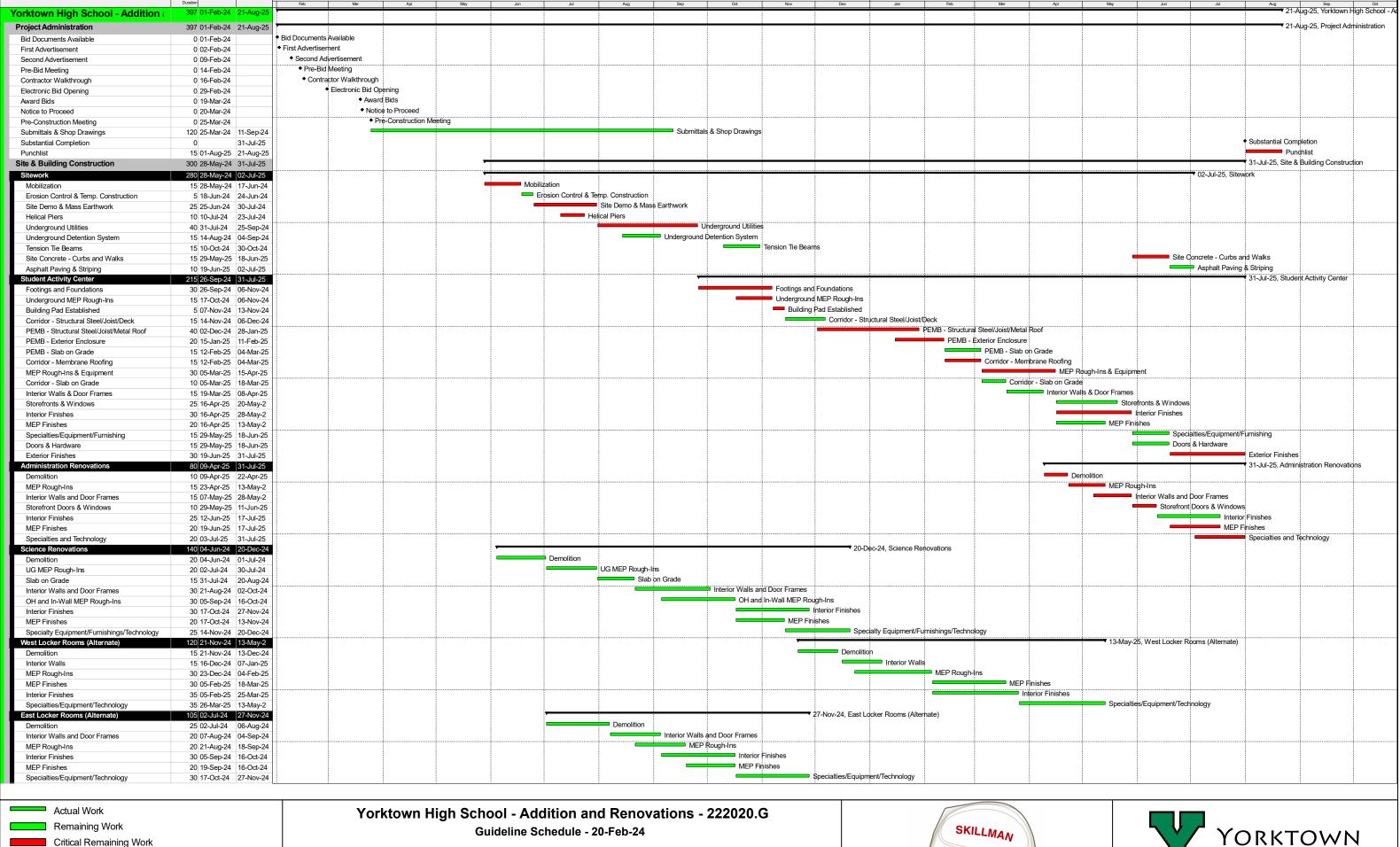
He further says that no person or persons, firms, or corporations has, have, or will receive directly or indirectly, any rebate, fee, gift, commission, or thing of value on account of such contract.

# SECTION V OATH AND AFFIRMATION

I HEREBY AFFIRM UNDER THE PENALTIES OF PERJURY THAT THE FACTS AND INFORMATION CONTAINED IN THE FOREGOING BID FOR PUBLIC WORKS ARE TRUE AND CORRECT

Dated at	this	day of	, 20	
			(Name of Organ	ization)
	Ву			
			(Title of Person	Signing)
	ACKNO	WLEDGEMI	ENT	
STATE OF	)			
COUNTY OF				
Before me, a Notary Pub	olic, personally appea	ared the abov	e-named	
Swore that the statement	s contained in the fo	oregoing docu	ment are true and co	errect.
Subscribed and sworn to	before me this	0	lay of	·,
(Title)				
	Notary Public			
My Commission Expires	s:			
County of Residence:				

END OF SECTION 00 31 00



SKILLMAN



Milestone

Summary

#### SECTION 03 35 00 - CONCRETE SURFACE TREATMENT

#### PART 1 - GENERAL

#### 1.01 RELATED DOCUMENTS

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 01 Specification Sections, apply to this Section.

#### 1.02 SUMMARY

- A. Section includes the following:
  - 1. Penetrating Liquid Floor Treatment for the following:
    - a. Sealed concrete.
    - b. Polished concrete.
    - c. Chemically stained concrete.
    - d. Integrally colored concrete.

#### 1.03 ACTION SUBMITTALS

- A. Shop Drawings: Indicate information on shop drawings as follows:
  - 1. Typical layout including dimensions and floor grinding schedule.
  - 2. Plan view of floor and joint pattern layout.
  - 3. Areas to receive colored surface treatment.
  - 4. List hardener, sealer, densifier in notes.
- B. Product Data: Submit product data, including manufacturer's SPEC-DATA® product sheet, for specified products.
  - 1. Material Safety Data Sheets (MSDS).
  - 2. Preparation and concrete grinding procedures.
  - 3. Colored Concrete Surface, Dye Selection Guides.

#### 1.04 INFORMATIONAL SUBMITTALS

- A. Qualification Data: For Installer and manufacturer.
- B. Quality Assurance:
  - 1. Test Reports: Certified test reports showing compliance with specified performance characteristics and physical properties.
  - Certificates:
    - a. Product certificates signed by manufacturer certifying materials comply with specified performance characteristics and criteria and physical requirements.
    - b. Current contractor's certificate signed by manufacturer declaring contractor as an approved installer of polishing system.
  - 3. Manufacturer's Instructions: Manufacturer's installation instructions.

- C. Material Certificates: For each of the following, signed by manufacturers:
  - Floor and slab treatments.

#### 1.05 CLOSEOUT SUBMITTALS

- A. Warranty: Submit warranty documents specified.
- B. Operation and Maintenance Data: Submit operation and maintenance data for installed products in accordance with Division 01 Section "Closeout Submittals". Include:
  - 1. Manufacturer's instructions on maintenance renewal of applied treatments.
  - 2. Protocols and product specifications for joint filing, crack repair and/or surface repair.

#### 1.06 QUALITY ASSURANCE

- A. Installer Qualifications: An experienced installer who has completed concrete Work similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- B. Manufacturer Qualifications: A firm experienced in manufacturing concrete surface treatment products and that complies with ASTM C 94/C 94M requirements for production facilities and equipment.
- C. Manufacturer's Certification
  - 1. Provide letter of certification from concrete finish manufacturer stating that installer is certified applicator of special concrete finishes and is familiar with proper procedure and installation requirements required by the manufacturer.
- D. Source Limitations: Obtain each type of material of the same brand from the same manufacturer.
- E. Mockups: Cast concrete slab-on-grade panels to demonstrate typical joints, surface finish, texture, tolerances, floor treatments, and standard of workmanship.
  - Construct a 10 foot by 10 foot mockup in the location indicated or, if not indicated, as directed by Architect.
  - 2. Provide individual mockups for each color and pattern required.
  - 3. For accurate color, the quantity of concrete mixed to produce the sample should not be less than 3 cubic yards (or not less than 1/3 the capacity of the mixing drum on the ready-mix truck) and should always be in full cubic yard increments. Excess material shall be discarded according to local regulations.
  - 4. Construct mockup using materials, processes, and techniques required for the work, including curing procedures. Incorporate representative control, construction, and expansion joints according to Project requirements. Installer for the work to construct mockup.
  - 5. Mockup to be stained and sealed by the Installer who will actually perform the work for the Project. Record the amount of chemical stain needed per square foot of application to establish coverage rates for the work.
  - 6. Notify Architect and Owner a minimum of seven calendar days in advance of the date scheduled for each mockup construction.

- 7. Obtain the Architect's and Owner's acceptance of each mockup prior to commencement of the work.
- 8. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.
- F. Preinstallation Conference: Conduct conference at Project site.
  - 1. Before submitting design mixtures, review concrete design mixture and examine procedures for ensuring quality of concrete materials. Require representatives of each entity directly concerned with cast-in-place concrete to attend, including the following:
    - a. Contractor's superintendent.
    - b. Independent testing agency responsible for concrete design mixtures.
    - c. Ready-mix concrete manufacturer.
    - d. Concrete subcontractor.
    - e. Special concrete finish subcontractor.
  - 2. Review concrete finishes and finishing and concrete protection.

#### 1.07 DELIVERY, STORAGE, AND HANDLING

- A. Deliver products in original factory unopened, undamaged packaging bearing identification of product, manufacturer, batch number, and expiration date as applicable.
- B. Store products in a location protected from damage, construction activity, and adverse environmental conditions, and away from combustible materials and sources of heat, according to manufacturer's printed instructions and current recommendations.
- C. Handle products according to manufacturer's printed instructions.

#### 1.08 PROJECT CONDITIONS

- A. Environmental Limitations:
  - 1. Store materials protected from exposure to harmful weather conditions and at temperature conditions recommended by manufacturer.
  - 2. Comply with manufacturer's written instructions for substrate temperature and moisture content, ambient temperature and humidity, ventilation, and other conditions affecting topping performance.
  - 3. Concrete must be cured a minimum of 45 days or as directed by the manufacturer before concrete polish application can begin.
- B. Integrally Colored Concrete Environmental Requirements:
  - 1. Schedule placement to minimize exposure to wind and hot sun before curing materials are applied.
  - 2. Avoid placing concrete if rain, snow, or frost is forecast within 24-hours. Protect fresh concrete from moisture and freezing.
  - 3. Comply with professional practices described in ACI 305R and ACI 306R.
  - 4. Schedule delivery of concrete to provide consistent mix times from batching until discharge. Mix times shall meet manufacturer's written recommendations.
- C. Protection Of Concrete Scheduled To Receive Polished Finish:

- Protect from petroleum stains during construction.
- 2. Diaper hydraulic power equipment.
- 3. Restrict vehicular parking.
- 4. Restrict use of pipe cutting machinery.
- 5. Restrict placement of reinforcing steel on slab.
- 6. Restrict use of acids or acidic detergents on slab.
- D. Close areas to traffic during floor application and after application for time period recommended in writing by manufacturer.

#### PART 2 - PRODUCTS

#### 2.01 PERFORMANCE AND DESIGN CRITERIA

- A. Performance Criteria: Provide polished flooring that has been selected, manufactured and installed to achieve the following:
  - 1. Abrasion Resistance: ASTM C779, Method A, high resistance, no more than 0.008 inch (0.20 mm) wear in 30 minutes.
  - 2. Reflectivity: Increase of 35% as determined by standard gloss meter.
  - 3. Waterproof Properties: Rilem Test Method 11.4, 70% or greater reduction in absorption.
  - 4. High Traction Rating: NFSI 101-A, ANSI B-101.1 2009 non-slip properties.

# B. Design Requirements:

- 1. Hardened Concrete Properties:
  - a. Minimum Concrete Compressive Strength: 3500 psi (24 MPa).
  - b. Normal Weight Concrete: No lightweight aggregate.
  - c. Non-air entrained.
- 2. Placement Properties:
  - Natural concrete slump of 4 1/2 inches 5 inches (114 127 mm). Admixtures may be used.
  - b. Flatness Requirements:
    - 1) Overall FF 40.
    - 2) Local FF 20.
- 3. Hard-Steel Troweled (3 passes) Concrete: No burn marks. Finish to ACI 302.1R, Class 5 floor.
  - a. Class 6 floors, special colored mineral aggregate hardener with repeated hard steel trowel finish.
- 4. Curing Options:
  - a. Membrane forming curing compounds (ASTM C309, Type 1, Class B, all resin, dissipating cure).
    - 1) Acrylic curing and sealing compounds not recommended.

- b. Sheet membrane (ASTM C171); polyethylene film not recommended.
- c. Damp Curing: Seven day cure.

#### 2.02 LIQUID FLOOR TREATMENTS

- A. VOC Content: Liquid floor treatments shall have a VOC content of 200 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
- B. Penetrating Liquid Floor Treatment: Clear, chemically reactive, waterborne solution of inorganic silicate or siliconate materials and proprietary components; odorless; that penetrates, hardens, and densifies concrete surfaces.
  - 1. Products: Subject to compliance with requirements, provide one of the following:
    - a. ChemMasters; Chemisil Plus.
    - b. ChemTec Int'l; ChemTec One.
    - c. Conspec by Dayton Superior; Intraseal.
    - d. Curecrete Distribution Inc.; Ashford Formula.
    - e. Dayton Superior Corporation; Day-Chem Sure Hard (J-17).
    - f. Euclid Chemical Company (The), an RPM company; Euco Diamond Hard.
    - g. L&M Construction Chemicals, Inc.; Seal Hard.
    - h. Meadows, W. R., Inc.; LIQUI-HARD.
    - i. Nox-Crete Products Group; Duro-Nox.
    - j. ProSoCo, Consolideck.
    - k. Scofield, L. M. Company.
    - I. Vexcon Chemicals, Inc.; Vexcon StarSeal PS Clear.

#### 2.03 COLOR FLOOR AND SLAB TREATMENTS

- A. Slip-Resistive Emery Aggregate Finish: Factory-graded, packaged, rustproof, nonglazing, abrasive, crushed emery aggregate containing not less than 50 percent aluminum oxide and not less than 24 percent ferric oxide; unaffected by freezing, moisture, and cleaning materials with 100 percent passing No. 4 (4.75-mm) sieve.
  - 1. Products: Subject to compliance with requirements, provide one of the following:
    - a. Anti-Hydro International, Inc.; Emery.
    - b. Dayton Superior Corporation; Emery Tuff Non-Slip.
    - c. Lambert Corporation; EMAG-20.
    - d. L&M Construction Chemicals, Inc.; Grip It.
    - e. Metalcrete Industries; Metco Anti-Skid Aggregate.
- B. Unpigmented Mineral Dry-Shake Floor Hardener: Factory-packaged dry combination of portland cement, graded quartz aggregate, and plasticizing admixture.
  - 1. Products: Subject to compliance with requirements, provide one of the following:
    - a. BASF Construction Chemicals Building Systems; Maximent.
    - b. ChemMasters: ConColor.
    - c. Conspec by Dayton Superior; Conshake 500.
    - d. Dayton Superior Corporation; Quartz Tuff.
    - e. Edoco by Dayton Superior; Burke Non Metallic Floor Hardener 250.
    - f. Euclid Chemical Company (The), an RPM company; Surflex.

- g. Kaufman Products, Inc.; Tycron.
- h. Lambert Corporation; Colorhard.
- i. L&M Construction Chemicals, Inc.; Quartzplate FF.
- j. Metalcrete Industries; Floor Quartz.
- k. Scofield, L. M. Company; Lithochrome Color Hardener.
- I. Symons by Dayton Superior; Hard Top.
- C. Reactive Chemical Concrete Stain: Reactive, water-based solution of metallic salts which react with calcium hydroxide in cured concrete substrates to produce permanent variegated or translucent color effects. Zero VOC content.
  - 1. Basis of Design Product: Scofield's "Formula One Liquid Dye Concentrate."
  - 2. Acceptable Manufacturers: Subject to compliance with requirements, provide product by one of the following:
    - a. BASF Construction Chemicals Building Systems.
    - b. ChemMasters.
    - c. Euclid Chemical Company (The), an RPM company.
    - d. Lambert Corporation.
    - e. L&M Construction Chemicals, Inc.
    - f. Scofield, L. M. Company.
    - g. QC Construction Products.
  - 3. Color: As indicated in Drawings.
- D. Colored Admixture for Integrally Color Concrete: Admixture shall be a colored, water-reducing, admixture containing no calcium chloride with coloring agents that are lime-proof and ultraviolet resistant. Colored admixture shall conform to the requirements of ACI 303.1, ASTM C979, ASTM C494 and ASSHTO M194. Raw pigments are not an equivalent and may not be substituted.
  - 1. Basis of Design Product: Scofield's "CHROMIX P" Admixture; Sika Corporation.
  - 2. Acceptable Manufacturers: Subject to compliance with requirements, provide product by one of the following:
    - a. BASF Construction Chemicals Building Systems.
    - b. ChemMasters.
    - c. Euclid Chemical Company (The), an RPM company.
    - d. Lambert Corporation.
    - e. L&M Construction Chemicals, Inc.
    - f. Scofield, L. M. Company.
    - g. QC Construction Products.
  - 3. Color: As indicated in Drawings.
  - Curing and Sealing Compound: Scofield Cureseal-W Semi-gloss; Sika Corporation.
     Curing and sealing compound shall comply with ASTM C309 and be of same manufacturer as colored admixture, for use with integrally colored concrete.
  - 5. Do not add calcium chloride to mix as it causes mottling and surface discoloration.
  - 6. Supplemental admixtures shall not be used unless approved by manufacturer.
  - 7. Do not add water to the mix in the field.

8. Add colored admixture to concrete mix according to manufacturer's written instructions.

#### 2.04 CONCRETE FLOOR SEALER

- A. VOC Content: Liquid floor treatments shall have a VOC content of 100 g/L or less when calculated according to 40 CFR 59, Subpart D (EPA Method 24).
- A. Acrylic-Polyurethane Sealer: One-component clear acrylic-polyurethane sealer. Low VOC formulation. VOC content less than 100 g/L.
  - 1. Basis of Design: Scofield's "SCOFIELD Selectseal-W."
  - 2. Acceptable Manufacturers: Subject to compliance with requirements, provide product by one of the following:
    - a. ChemMasters; Chemisil Plus.
    - b. Curecrete Distribution Inc.; Ashford Formula.
    - c. Euclid Chemical Company (The), an RPM company; Euco Diamond Hard.
    - d. L&M Construction Chemicals, Inc.; Seal Hard.
    - e. Meadows, W. R., Inc.; LIQUI-HARD.
    - f. Scofield, L. M. Company.
- B. Penetrating Liquid Floor Treatment: Clear, chemically reactive, waterborne solution of inorganic silicate or siliconate materials and proprietary components; odorless; that penetrates, hardens, and densifies concrete surfaces.
  - 1. Products: Subject to compliance with requirements, provide one of the following:
    - a. Conspec by Dayton Superior; Intraseal.
    - b. Curecrete Distribution Inc.: Ashford Formula.
    - c. Dayton Superior Corporation; Day-Chem Sure Hard (J-17).
    - d. Euclid Chemical Company (The), an RPM company; Euco Diamond Hard.
    - e. L&M Construction Chemicals, Inc.; Seal Hard.
    - f. Nox-Crete Products Group; Duro-Nox.
    - g. Vexcon Chemicals, Inc.; Vexcon StarSeal PS Clear.

#### 2.05 POLISHED CONCRETE FINISHING PRODUCTS

- A. Penetrating Liquid Floor Treatments for Polished Concrete Finish: Clear, waterborne solution of inorganic silicate or siliconate materials and proprietary components; odorless; that penetrates, hardens, and is suitable for polished concrete surfaces.
  - 1. Basis of Design Manufacturer: Subject to compliance with requirements, provide L & M Construction Chemicals, Inc., or approved products/process by one of the following:
    - a. Advanced Floor Products.
    - b. L&M Construction Chemicals, Inc.
    - c. The Euclid Chemical Company.
    - d. BASF Construction Chemicals.
    - e. PROSOCO.

- B. Proprietary Products/Systems:
  - Hardener, Sealer, Densifier: Proprietary, water based, odorless liquid, VOC compliant, environmentally safe chemical hardening solution leaving no surface film.
    - Acceptable Product: Basis of design: L & M Construction Chemicals, Inc., FGS Hardener Plus.
      - 1) Advanced Floor Products; Retro Plate 99
      - 2) American Decorative Concrete, AmeriPolish SureLock Densifier
      - 3) L & M Construction Chemicals, Inc., FGS Hardener Plus.
      - 4) ProSoCo, Consolideck LS or LC/CS.
  - 2. Joint Filler: Semi-rigid, 2-component, self-leveling, 100% solids, rapid curing, polyurea control joint and crack filler with Shore A 80 or higher hardness.
    - a. Acceptable Material:
      - 1) L & M Construction Chemicals, Inc., Joint Tite 750.
      - 2) Metzger/McGuire, Spal-Pro RS88.
      - 3) Sherwin-Williams Company, General Polymers 4880 Polyurea Joint Sealant.
      - 4) Ardex L.P., Ardex Ardiseal Rapid Plus.
      - 5) Joint sealant acceptable to concrete finish system manufacturer.
  - 3. Oil Repellent Sealer: Ready to use, silane, siloxane and fluoropolymers blended water based solution sealer, quick drying, low-odor, oil and water repellent, VOC compliant and compatible with chemically hardened floors.
    - a. Acceptable Material:
      - 1) Advanced Floor Products; Retro Pel
      - 2) American Decorative Concrete, AmeriPolish SureLock Stain Protector.
      - 3) L & M Construction Chemicals, Inc., Petrotex.
      - 4) ProSoCo, Consolideck LS Guard.
  - 4. Concrete Dyes: Fast-drying dye, packaged in premeasured units ready for mixing with water or VOC exempt solvent; formulated for application to polished cementitious surfaces.
    - a. Acceptable Material:
      - 1) Advanced Floor Products; Retro Plate Dye
      - 2) American Decorative Concrete, AmeriPolish SureLock Dye
      - 3) ProSoCo, Consolideck LS or LC/CS.
      - 4) L & M Construction Chemicals, Inc., Vivid Concrete Dyes or Vivid Dye WB Plus.
  - 5. Cleaning Solution: Proprietary, mild, highly concentrated liquid concrete cleaner and conditioner containing wetting and emulsifying agents; biodegradable, environmentally safe and certified High Traction by National Floor Safety Institute (NFSI).

- a. Acceptable Material:
  - 1) Advanced Floor Products: Retro Clean
  - 2) American Decorative Concrete, AmeriPolish SureLock ProGuard Conditioning Cleaner or Rejuvenating Cleaner.
  - 3) L & M Construction Chemicals, Inc., FGS Concrete Conditioner.
  - 4) ProSoCo, Consolideck LS Clean.
- 6. Stain Guard Sealer: Ready to use, is a low odor, VOC compliant, topical sealer consisting of low molecular emulsified cross-linking, coupling polymers that effectively protect concrete and other natural stone floor surfaces from the damaging effects of staining, defacing and deterioration due to contaminant penetration.
  - a. Acceptable Material: L& M Construction Chemicals, Inc. Permaguard SPS
- 7. Finish: Standard Medium gloss (MG-2), 800 grit.
- 8. Color: As selected by Architect or indicated on Drawings.

#### PART 3 - EXECUTION

#### 3.01 INSTALLATION

- A. Install concrete according to requirements of Division 03 "Cast-In-Place Concrete."
- B. Do not add water to concrete mix in the field.
- C. Surfaces shall be finished uniformly with the following finish:
  - 1. Broomed: Pull broom across freshly floated concrete to produce fine texture in straight lines perpendicular to main line of traffic. Do not dampen brooms.

#### 3.02 CURING

- A. Integrally Colored Concrete: Apply curing and sealing compound for integrally colored concrete according to manufacturer's instructions using manufacturer's recommended application techniques. Apply curing and sealing compound at consistent time for each pour to maintain close color consistency.
- B. Curing compound shall be same color as the colored concrete and supplied by same manufacturer of the colored admixture.
- C. Precautions shall be taken in hot weather to prevent plastic cracking resulting from excessively rapid drying at surface as described in CIP 5 Plastic Shrinkage Cracking published by the National Ready Mixed Concrete Association.
- D. Do not cover concrete with plastic sheeting.

#### 3.03 TOLERANCES

A. Minor variations in appearance of integrally colored concrete, which are similar to natural variations in color and appearance of uncolored concrete, are acceptable.

#### 3.04 FINISHING FLOORS AND SLABS

A. General: Comply with ACI 302.1R recommendations for screeding, restraightening, and finishing operations for concrete surfaces. Do not wet concrete surfaces.

#### 3.05 EXAMINATION

- A. Site Verification of Conditions:
  - 1. Verify that concrete substrate conditions, which have been previously installed under other sections or contracts, are acceptable for product installation in accordance with manufacturer's instructions prior to installation of concrete finishing materials.
- B. Verify Concrete Slab Performance Requirements:
  - 1. Verify concrete is cured to 28 day 3500 psi strength.
  - 2. Verify concrete surfaces received a hard steel-trowel finish (3 passes) during placement. Do not apply chemically stained concrete coloring system and sealer over dirt, rust, scale, grease, moisture, scuffed surfaces, or conditions otherwise detrimental to application.
- C. Acceptance: Starting of work will be construed as Applicator's and manufacturer's acceptance of surfaces and conditions within any particular area.

#### 3.06 PREPARATION

- A. Surface Preparation: Allow new concrete to cure as recommended by manufacturer to ensure proper reaction between concrete and staining materials. Liquid curing materials must <u>not</u> be used.
  - General: Perform preparation and cleaning procedures in accordance with manufacturer's instructions and as herein specified, for each particular substrate condition.
  - 2. Interior Applications: Minimum cure time of concrete is 30 to 60 days, or longer if necessary to meet the specified water vapor transmission requirements.
  - 3. Do not use liquid curing materials. Cure concrete flatwork with new, unwrinkled, non-staining, high quality curing paper complying with ASTM C 171. Do not overlap curing paper.
  - 4. Cure surfaces using the same method and different sections (pours) chemically stained when concrete is the same age.
  - 5. Clean surfaces before applying surface treatments. Program cleaning so that contaminants from cleaning process will not fall onto clean surfaces and to prevent damage to adjacent construction from power washers and rotary scrubbers.
    - a. The substrate shall be clean of loose dirt and debris. Any surface irregularities, such as concrete spillage or other built up foreign materials shall be removed prior to application of chemically stained concrete coloring system and sealer.
    - Surface shall be dry and free of grease, oil stains or any unstable foreign materials.
    - c. Pressure Washing: Use a pressure washer equipped with a fan tip and rated for a minimum pressure capability of 4000 psi.

- 6. Unless otherwise recommended by manufacturer, maintain surface temperature of concrete substrate at a minimum of 45 degrees F at least 72 hours prior to application of concrete coloring system and sealer and thereafter.
- 7. Repair and fill all "working" cracks and construction joints with a semi-rigid elastomeric material in accordance with manufacturer's recommendations.
- 8. If required or recommended by finish system manufacturer, sand or surface grind cured concrete with a 50-200 grit finish.
- B. Scoring: Score decorative jointing in concrete surfaces 1/8 inch deep with diamond blades. Rinse until water is completely clean.
  - 1. Single Color Stain Applications: Score after staining.
  - 2. Multiple Color Stain Applications: Score before staining.

#### 3.07 DRY-SHAKE FLOOR HARDENER FINISH

- A. Slip-Resistive Finish: Before final floating, apply slip-resistive aggregate finish where indicated and to concrete stair treads, platforms, and ramps, locker rooms, shower rooms corridors and other wet environments. Apply according to manufacturer's written instructions and as follows:
  - 1. Uniformly spread 25 lb/100 sq. ft. (12 kg/10 sq. m) of dampened slip-resistive aggregate over surface in one or two applications. Tamp aggregate flush with surface, but do not force below surface.
  - 2. After broadcasting and tamping, apply float finish.
  - 3. After curing, lightly work surface with a steel wire brush or an abrasive stone and water to expose slip-resistive aggregate.
- B. Dry-Shake Floor Hardener Finish: After initial floating, apply dry-shake floor hardener to surfaces according to manufacturer's written instructions and as follows:
  - 1. Uniformly apply dry-shake floor hardener at a rate of 100 lb/100 sq. ft. (49 kg/10 sq. m) unless greater amount is recommended by manufacturer.
  - 2. Uniformly distribute approximately two-thirds of dry-shake floor hardener over surface by hand or with mechanical spreader, and embed by power floating. Follow power floating with a second dry-shake floor hardener application, uniformly distributing remainder of material, and embed by power floating.
  - 3. After final floating, apply a trowel finish. Cure concrete with curing compound recommended by dry-shake floor hardener manufacturer and apply immediately after final finishing.

#### 3.08 CHEMICAL STAIN APPLICATION

- A. General: Comply with chemical stain manufacturer's printed instructions and current recommendations.
  - 1. Do not mix the specified chemical stain with highly alkaline chemical stain materials. Doing so will result in a dangerous chemical reaction.
- B. Protect surrounding areas, landscaping, and adjacent surfaces from overspray, runoff, and tracking. Divide surfaces into small work sections using walls, joint lines, or other stationary breaks as natural stopping points.

- C. Apply chemical stains at the coverage rate recommended by the manufacturer and use application equipment according to the chemical stain manufacturer's printed instructions. Note the color of the liquid chemical stain will not be the final color produced on the concrete substrate.
- D. Transfer chemical stain to the substrate by brush or spray and immediate scrub into surface. Reaction time depends on wind conditions, temperatures, and humidity levels.
- E. When multiple coats of one or more colors are required, washing and drying between colors is desirable to evaluate the color prior to the next coat.
- F. Rinsing: After the final coat of chemical stain has remained on the surface for a minimum of four hours, neutralize unreacted chemical stain residue and then remove completely prior to sealing. After neutralization, thoroughly rinse surface with clean water several times to remove soluble salts. While rinsing, lightly abrade surface using a low-speed floor machine and red pad to remove residue and weakened surface material. Runoff may stain the adjacent areas or harm plants. Collect rinse water by wet vacuuming or absorbing with an inert material.
  - Failure to completely remove all residue prior to sealing the surface will cause appearance defects, adhesion loss or peeling, reduced durability, and possible bonding failure and delamination of sealer.
  - 2. All stain residue, runoff liquid, and rinse water must be collected and disposed of according to applicable Federal regulations and governing authorities having jurisdiction.

#### 3.09 SEALING APPLICATION

- A. Concrete substrate must be completely dry. Test surface for proper pH prior to applying sealer. A pH value of 7 or higher indicates all acid has been neutralized. If the tested pH value is less than 7, repeat neutralization step until the required pH value is achieved.
- B. Conduct a moisture vapor emission test prior to applying any sealer. Refer to the specific sealer's Technical-Data Bulletin for acceptable MVER.
- C. Apply sealer according the sealer manufacturer's printed instructions at a rate of 300 to 500 square feet per gallon per coat. Maintain a wet edge at all times.
- D. Allow sealer to completely dry before applying additional coats.
- E. Apply second coat of sealer at 90 degrees to the direction of the first coat using the same application method and rates.
- F. Seal horizontal joints in areas subject to pedestrian or vehicular traffic.

### 3.10 LIQUID FLOOR TREATMENTS- SEALER

- A. Penetrating Liquid Floor Treatment: Prepare, apply, and finish penetrating liquid floor treatment according to manufacturer's written instructions.
  - 1. Remove curing compounds, sealers, oil, dirt, laitance, and other contaminants and complete surface repairs.
  - 2. Do not apply to concrete that is less than 28 days' old, unless required otherwise by manufacturer.

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- SECTION 03 35 00 CONCRETE SURFACE TREATMENT
- 3. Apply liquid until surface is saturated, scrubbing into surface until a gel forms; rewet; and repeat brooming or scrubbing. Rinse with water; remove excess material until surface is dry. Apply a second coat in a similar manner if surface is rough or porous.
- B. Sealing Coat: Uniformly apply a continuous sealing coat of curing and sealing compound to hardened concrete by power spray or roller according to manufacturer's written instructions.

#### 3.11 CONCRETE POLISHING AND TREATMENT

- A. Polished Concrete Floor Treatment: Apply polished concrete finish system to cured and prepared slabs to match accepted mockup.
  - 1. Machine grind floor surfaces to receive polished finishes level and smooth and to depth required to reveal aggregate to match approved mockup.
    - Size/level of aggregate exposed to produce a "salt and pepper" appearance.
       Grinding process to be uniform throughout to achieve a consistent appearance.
  - 2. Apply penetrating liquid floor treatment for polished concrete in polishing sequence and according to manufacturer's written instructions, allowing recommended drying time between successive coats.
  - 3. Continue polishing with progressively finer grit diamond polishing pads to gloss level to match approved mockup.
  - 4. Control and dispose of waste products produced by grinding and polishing operations.
  - 5. Neutralize and clean polished floor surfaces.
- B. Provide polished concrete floor treatment in entirety of slab indicated by drawings. Provide consistent finish in all contiguous areas.
- C. Apply floor finish prior to installation of fixtures and accessories.
- D. Diamond polish concrete floor surfaces with power disc machine recommended by floor finish manufacturer. Sequence with coarse to fine grit. Installer to determine the optimum starting grit in order to achieve the specified aggregate exposure.
  - 1. Comply with manufacturer's recommended polishing grits for each sequence to achieve desired finish level. Level of sheen shall match that of approved mock-up.
  - 2. Expose aggregate in concrete surface only as determined by approved mock-up.
  - 3. All concrete surfaces shall be as uniform in appearance as possible.
- E. Dyed and Polished Concrete (option):
  - 1. Locate demarcation line between dyed surfaces and other finishes.
  - 2. Polish concrete to the 400 grit level, (200 grit for water based dyes).
  - 3. Apply pre-mixed dyes to polished concrete surface.
  - 4. Allow dye to dry.
  - 5. Remove residue with water and buffer pad; reapply as necessary for desired result.

- F. Apply Hardener or Densifier as follows: Note: It is critical that two coats be applied
  - 1. Apply hardener at rate and number of coats recommended by manufacturer.
  - 2. Follow manufacturer's recommendations for drying time between successive coats.
  - 3. Remove dried residue before continuing to next application.
  - 4. Dry Buff or Burnish dry concrete with an orbital polishing machine to achieve shine level required.
- G. Remove defects and re-polish defective areas.
- H. Finish edges of floor finish adjoining other materials in a clean and sharp manner.
- I. Sealing Coat: Uniformly apply a continuous sealing coat of curing and sealing compound to hardened concrete by power spray or roller according to manufacturer's written instructions.

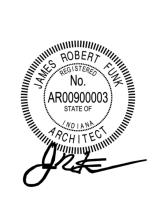
#### 3.12 PROTECTION OF LIQUID FLOOR TREATMENTS

- A. Protect liquid floor treatment from damage and wear during the remainder of construction period. Use protective methods and materials, including temporary covering, recommended in writing by liquid floor treatments installer.
  - 1. Provide plywood sheets in addition to the protective covering to ensure the concrete is not damaged during construction and before concrete treatments are applied.
  - 2. Proprietary Cover: EZ Cover by McTech Group, Inc. or approved equivalent.
- B. Protection of colored concrete treatment:
  - No satisfactory chemical or cleaning procedure is available to remove petroleum stains from the concrete surface. Prevention is therefore essential and contractor is responsible for all protection and providing an acceptable finished product as identified in the pre-construction meeting and approved mock up.
    - All hydraulic powered equipment must be diapered to avoid staining of the concrete.
    - b. No trade will park vehicles on the inside slab. If necessary to complete their scope of work, drop cloths will be placed under vehicles at all times.
    - c. No pipe cutting machine will be used on the inside floor slab
    - d. Steel will not be place on interior slab to avoid rust staining.
    - e. Acids and acidic detergents will not come into contact with slab.
    - f. All trades informed that the slabs must be protected at all times.

END OF SECTION

# **ADDENDUM**

**ADDENDUM NO: 2** 





PROJECT: Yorktown High School Additions and Renovations

PROJECT NO: 2022016 DATE: 02/22/2024 BY: Brent Hite

This Addendum is issued in accordance with the provisions of "The General Conditions of the Contract for Construction," Article 1, "Contract Documents" and becomes a part of the Contract Documents as provided therein. This Addendum includes:

#### Addendum Pages:

ADD1-1 through ADD1-17

#### Attached Documents:

09 51 36 - Metal Mesh Ceilings

09 67 23 - Resinous flooring - Epoxy

09 84 33 - Sound-Absorbing Tectum Units

### Attached Drawing Sheets:

C000, C101, C300, C400, C500, C501, C900, L100, L200, L400, L500, L501, L600, S201J, S701, A103, A104, A211A, A211G, A211J, A300, A301, A320, A400, A401, A410, A411, A430, A432, A433, A450, A601, A604, A610, A611, A616, A617, A801G, A900, A901G E100, E201A, E201J, E211J, E601, E611, M601, P101A, P101B, P201A, P201B, P301E, PD101B, PD201A, PD201B

#### **PART 1 - GENERAL INFORMATION**

1.1 NOT USED

#### **PART 2 - BIDDING REQUIREMENTS**

2.1 NOT USED

#### **PART 3 - SPECIFICATIONS**

- 3.1 <u>SECTION 06 40 00 ARCHITECTURAL WOODWORK</u>
  - A. Under item 2.01 add I. as follows:
    - I. Translucent Resin Panel System: 'Y' inset; 3form.
- 3.2 <u>SECTION 07 53 23 ETHYLENE-PROPYLENE-DIENE-MONOMER (EPDM) ROOFING</u>
  - A. Revise item 1.11.A as follows:

A. Installer's Special Warranty: Specified form, signed by Installer, covering Work of this Section, for warranty period of **two** years.



A. Installer's Special Warranty: Specified form, signed by Installer, covering Work of this Section, for warranty period of **two** years.

#### 3.3 <u>SECTION 08 71 00 – DOOR HARDWARE</u>

A. Revise Hardware Group #22 as follows:

Hardware Group No.22

For use on Door #(s):

100.2

Provide each OPENING with the following:

	_	- 3			
QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
<u>2</u> 4	<u>EA</u>	CONT. HINGE	112XY EPT (OR 027XY EPT AS REQ'D	<u>628</u>	<u>IVE</u>
			FOR DR THK)		
<u>1</u>	<u>EA</u>	POWER TRANSFER	EPT10	<u>689</u>	<u>VON</u>
<u>1</u>	<u>EA</u>	AUTO FLUSH BOLT	FB31T/FB41T (AS REQ'D)	<u>630</u>	<u>IVE</u>
<u>1</u>	<u>EA</u>	<b>ELEC MORTISE LOCK</b>	L9092BDCEU 17A 12/24 VDC	<u>626</u>	<u>SCH</u>
4	EA	STOREROOM LOCK	L9080BDC 17A	<del>626</del>	SCH
<u>1</u>	<u>EA</u>	<u>DEADBOLT</u>	B660BDC	<u>626</u>	<u>SCH</u>
<u>2</u>	<u>EA</u>	PERMANENT CORE (SFIC	80-037 EV29 R	<u>626</u>	<u>SCH</u>
		EVEREST)			
<u>1</u>	<u>EA</u>	COORDINATOR	COR X FL (MB AS REQ'D)	<u>628</u>	<u>IVE</u>
<u>2</u>	<u>EA</u>	OH STOP	<u>100S</u>	<u>630</u>	<u>GLY</u>
<u>2</u> 4	<u>EA</u>	SURFACE CLOSER (W/ DEAD	4040XP EDA	<u>689</u>	<b>LCN</b>
		STOP)			
<u>2</u> 4	<u>EA</u>	MOUNTING PLATE	4040XP-18PA	<u>689</u>	<b>LCN</b>
<u>2</u> 4	<u>EA</u>	<b>BLADE STOP SPACER</b>	4040XP-61	<u>689</u>	<b>LCN</b>
<u>1</u>	<u>EA</u>	CREDENTIAL READER	BY DIV 28		<u>B/O</u>
<u>1</u>	<u>EA</u>	<b>PUSH BUTTON RELEASE</b>	BY DIV 28		<u>B/O</u>
<u>1</u>	<u>EA</u>	POWER SUPPLY	PS902 120/240 VAC	<u>LGR</u>	SCE

#### **SCHOOL HOURS:**

DEADBOLT UNLOCKED. FREE ENTRY FROM SCHOOL INTO OFFICE. OFFICE SIDE ALWAYS LOCKED PREVENTING FREE PASSAGE FROM OFFICE INTO THE SCHOOL. PRESENTING VALID CREDENTIAL TO READER ON OFFICE SIDE, OR PUSH BUTTON AT RECEPTION DESK, MOMENTARILY UNLOCKS ELEC LOCK, ALLOWING ACCESS INTO THE SCHOOL. DOOR TO REMAIN LOCKED UPON LOSS OF POWER.

# **AFTER HOURS:**

DEADBOLT LOCKED, THUS LOCKED IN BOTH DIRECTIONS.

B. Add Hardware Group #37 as follows:



#### **HARDWARE GROUP NO. 37**

For use on Door #(s):

9C-1 9C-2

Provide	e each C	PENING with the following:			
QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	224XY	628	IVE
1	EA	FIRE RATED REMOVABLE MULLION	KR9954 STAB	689	VON
1	EA	FIRE EXIT HARDWARE	99-DT-F	626	VON
1	EA	FIRE EXIT HARDWARE	99-NL-F	626	VON
1	EA	MORTISE CYL HOUSING (SFIC)	80-110 (W/ DISP CONST CORE)	626	SCH
1	EA	RIM CYL HOUSING (SFIC)	80-116 (W/ DISP CONST CORE)	626	SCH
2	EA	PERMANENT CORE (SFIC EVEREST)	80-037 EV29 R	626	SCH
2	EA	FIRE/LIFE HOLDER	4040SEH SEH AC/DC	689	LCN
1	EA	SURFACE CLOSER	4040XP CUSH	689	LCN
1	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
2	EA	KICK PLATE	8400 10" X 1" LDW B-CS	630	IVE
2	EA	MOP PLATE	8400 4" X 1" LDW B-CS	630	IVE
1	EA	SMOKE GASKET	488SBK PSA	BK	ZER
1	EA	GASKETING, MEETING STILE	5070	BK	NGP
2	EA	MEETING STILE	8193AA	AA	ZER
1	EA	MULLION SEAL	8780NBK	BK	ZER
1	EA	POWER SUPPLY	PS902 900-4R-FA [COORDINATE WITH ACCESS CONTROL PROVIDER]	LGR	SCE
1	EA	DIAGRAM	ELEVATION		DLR
1	EA	DIAGRAM	POINT TO POINT		DLR

OPERATION: DOORS CAN BE ELECTRONICALLY HELD OPEN. WHEN HELD OPEN, FIRE ALARM OR LOSS OF POWER WILL RELEASE HOLD OPENS, ALLOWING DOORS TO CLOSE AND LATCH. FREE EGRESS AT ALL TIMES.

# POWER SUPPLY TIED INTO FIRE ALARM SYSTEM.

# 3.4 <u>Section 09 84 33 – SOUND-ABSORBING TECTUM UNITS</u>

A. Insert attached spec in its entirety.

# 3.5 <u>SECTION 11 53 13 – LABORATORY FUME HOODS</u>

- A. Delete "Perchloric Acid Hood" under item 2.01.A.1
- B. Delete "laminated" from item 2.04.C
- C. Delete item 2.05.B complete.



- D. Replace item 2.05.F.1 as follows:
- 1. Glass-fiber-reinforced polyester, not less than 3/16 inch (4.75 mm) thick.
- E. Delete item 2.05.H and 2.05H.1 complete.
- F. Delete items 2.05.1.2 and 2.05.1.3 complete.
- G. Delete item 2.05.K.2 complete.
- H. Delete item 2.05.L.1 complete.
- I. Delete item 2.05.M.2 complete.
- J. Delete item 2.05N complete.
- K. Revise item 2.06.A to read as follows:
  - A. Work Tops: **Epoxy**
- L. Revise item 2.06.B to read as follows:
  - B. Cup Sinks **Epoxy**, size as specified with fume hood.
- M. Delete items 2.08.B, 2.08.C, and 2.08.D complete.
- N. Delete item 3.03 complete.
- O. Delete item 3.05.A.9 complete.

#### 3.6 SECTION 12 32 16 – MANUFACTURED PLASTIC LAMINATE-FACED CASEWORK

- A. Revise item 2.07.F as follows:
  - F. Drawer and Hinged Door Locks: Locks: Cam type with five-pin tumbler, brass with chrome-plated finish; complying with BHMA A156.11, Type E07281.
    - 1. Provide a minimum of two keys per lock and two master keys.
    - 2. Provide on all teachers wardrobe cabinets and where indicated.
    - 3. Keying: Key locks as directed.
    - 4. Master Key System: Key all locks to be operable by master key.
- B. Revise item 2.08.B.2 as follows: Solid-Surfacing-Material Thickness: 1/2" inch

#### 3.7 SECTION 09 30 00 – TILIING

A. Under item 2.04 add C.

### A. Tile Type: Porcelain wall tile.



- 1. Size 3 x12 inches.
- 2. Finish: As indicated on Drawings in Material Finish Legend.
  - 3. Grout Color: Submit from manufacturer's full range.
  - 4. Trim Units: Coordinated with sizes and coursing of adjoining tile where applicable and matching characteristics of adjoining flat tile. Provide shapes as follows, selected from manufacture's standard shapes.
    - a. External Corners for Thinset Mortar Installations: Surface bullnose, same size as adjoining flat tile.
- 3.8 SECTION 09 51 36 METAL MESH CEILINGS
  - A. Revise item 2.03.D as follows: Pan Size: 24 by 48 inches (610 by 1220 mm).
- 3.9 <u>SECTION 09 67 23 RESINOUS FLOORING EPOXY</u>
  - A. Added new specification in its entirety.
- 3.10 SECTION 12 35 57 PLASTIC-LAMINATE-CLAD LABORATORY CASEWORK
  - A. Add the following items under 1.02.A.**9,** 1.02.A.**10**, and 1.02.A**.11** 
    - 9. Tall metal acid storage.
    - 10. Tall metal flammable material storage.
    - 9. Laboratory accessories.
  - B. Delete Item 2.02.B complete.
  - C. Delete items 2.06.B, 2.06.D and 2.06.E complete.
  - D. Delete item 2.09.G complete.
  - E. Delete item 2.09.H complete.
  - F. Revise item 2.09.1.2 as follows: 2. Provide: **As indicated on drawings**
  - G. Revise item 2.09.J as follows: Adjustable Shelf Supports: Two-pin locking plastic shelf rests complying with BHMA A156.9, Type B04013.
  - H. Delete item 2.09.K complete.
  - I. Delete item 2.09.L complete.
  - J. Delete item 2.12.B.1 complete.
  - K. Revise item 3.08 as follows:

#### 3.08 SERVICE-FITTING SCHEDULE

A. Water Service Fitting, Type WF-1



- 1. Fitting Type: Rigid, gooseneck, mixing faucet
- 2. Outlet: Vacuum breaker and removable serrated outlet.
  - 1. Provide aerator with each faucet
- 3. Mounting: Deck mounted.
- 4. Additional Requirements:
  - 1. L414VB or similar
  - 2. L414Vb-BH at ADA locations, or similar.
- B. Laboratory Gas Service Fitting, Type GF-1:
  - 1. Service: Air
  - 2. Fitting Type: Panel Mounted
  - 3. Outlets: One
  - 4. Outlet Type: Straight.
  - 5. Valve Type: Ball valve.
- C. Laboratory Gas Service Fitting, Type GF-2:
  - 1. Service: Gas
  - 2. Fitting Type: Panel Mounted
  - 3. Outlets: One
  - 4. Outlet Type: Straight.
  - 5. Valve Type: Ball valve.
- D. Electrical Service Fitting, Type EF-1
  - 1. Fitting Type: Recessed
  - 2. Device: One duplex receptacle
  - 3. Additional Requirements: GFCI receptacles, mounted in blank drawer fronts.

#### 3.11 <u>SECTION 13 34 19 – METAL BUILDING SYSTEMS</u>

- A. Revise item 2.06.A.2.a as follows:
  - a. Color: Custom Color as Selected by Architect.

#### 3.12 22 44 00 – PLUMBING FIXTURES

- A. Page No. Add <u>SK-4</u> sinks and <u>SK-4</u> faucets to the specifications.
  - a. Sinks; SK-4: (Two station stainless steel science sink)
    - i. Basis-of-Design Product: Subject to compliance with requirements, provide Willoughby CWMES-6020 or a comparable product by one of the following:
    - ii. Description: One-bowl, counter-mounting, stainless-steel kitchenette type sink.



- 1. Overall Dimensions: 60 by 20 by 8" inches.
- 2. Metal Thickness: 14 gauge type 304 stainless steel w/ #4 satin finish.
- 3. Faucet Hole Punching: 4 holes total (Two faucets 8" centers)
- 4. Drain: 4" flat strainer drain.
  - a. Location: Center of bowl.
- iii. Subject to compliance with requirements, provide trim products by one of the following:
  - 1. McGuire Manufacturing Company.
  - 2. Engineered Brass Company.
  - 3. Keeney Manufacturing Company.
- iv. Sink Trim
  - 1. Supplies: Chrome-plated copper with (3)1/2" NPT x 3/8" OD loose key stops.
  - 2. Drain Piping: NPS 2 acid resistant P-trap NPS 1-1/2 and wall escutcheon.
- b. Science Sink Faucet; SK-4: (hot and cold water faucet) (Two Faucets required)
  - i. Basis-of-Design Product: Subject to compliance with requirements, provide Chicago 445-GN8AE35RABCP or a comparable product by one of the following:
    - 1. T & S Brass and Bronze Works, Inc.
    - 2. Zurn Plumbing Products Group; Commercial Brass Operation.
  - ii. Description: Combination hot and cold water faucet. Coordinate faucet inlets with supplies and fixture holes; coordinate outlet with spout and fixture receptor.
    - 1. Body Material: Commercial, solid brass.
    - 2. Finish: Polished chrome plate.
    - 3. Mixing Valve: Two-handle.
    - 4. Centers: (2) sets 2 holes
    - 5. Mounting: wall mounted exposed.
    - 6. Valve Handle(s): Cross with color coded index button.
    - 7. Inlet(s): NPS 3/8" tubing, with NPS 1/2 male adaptor.
    - 8. Spout Type: 8" rigid/swing gooseneck spout
    - 9. Spout Outlet: Pressure compensating Softflo aerator 1.5 GPM 8



10. Operation: compression operating cartridge

#### 3.13 <u>23 73 13 – MODULAR INDOOR AIR HANDLING UNITS</u>

A. Delete Paragraph 2.1-L. Airflow measuring stations shall be provided and installed by the Temperature Controls Contractor.

#### **PART 4 - DRAWINGS**

#### 4.1 <u>C000 – TITLE SHEET</u>

. Modified Drawing Index to identify the revised sheets & dates under this Addendum.

#### 4.2 <u>C000 – DEMOLITION PLAN</u>

- . Modified sanitary sewer demolition limits.
- A. Added tree removal.
- B. Modified pavement demolition limits.

#### 4.3 <u>C300 – GRADING PLAN</u>

- . Modified walk grade east of building addition.
- A. Modified walk grade west of building addition.
- B. Modified walk grade south of building addition.
- C. Modified ramp elevations.
- D. Modified ADA spaces elevations.
- E. Added Match Existing spot shots.

#### 4.4 <u>C400 – DRAINAGE PLAN</u>

- . Modified STR 400 casting type.
- A. Added underdrain under east ramp.

#### 4.5 <u>C500 – UTILITY PLAN</u>

- . Modified sanitary sewer, fiber optic, and electrical line locations.
- A. Modified sanitary sewer cleanout locations.

#### 4.6 <u>C501 – UTILITY PL</u>AN



- . Modified sanitary sewer, fiber optic, and electrical line locations.
- A. Modified sanitary sewer cleanout locations.

#### 4.7 <u>C900 – STORMWATER POLLUTION PREVENTION PLAN</u>

. Added STR 400 inlet protection.

#### 4.8 <u>L100 – MATERIALS AND NOTES</u>

- A. Add roll curb to drop off area
- B. Add heavy duty concrete at overhead door
- C. Add bollards at drop off area
- D. Add full depth asphalt at new storm pipe

#### 4.9 <u>L200 – LAYOUT PLAN</u>

A. Modify jointing and dimensions at drop off area

#### 4.10 L400 – PLANTING PLAN

- A. Remove (2) Rhu-A
- B. Modify note for existing trees east of fieldhouse form preserve to remove

#### 4.11 L500 – SITE DETAILS

A. Add heavy duty concrete detail

#### 4.12 L501 – SITE DETAILS

- A. Add rolled curb and Curb Transition Details
- B. Clarify rebar spacing on Detail 2

#### 4.13 <u>L601 – PLANTING SCHEDULE AND DETAILS</u>

- A. Modify quantity of Rhu-A
- B. Remove tree preservation detail

#### 4.14 <u>S201J – FOUNDATION PLAN – UNIT J</u>

A. Column J3-JG shall be changed from an HSS6x6x3/8 to an HSS6.625x0.375 as shown on the attached drawing.



#### 4.15 <u>S701 – FRAMING SECTIONS & DETAILS</u>

A. Section 7 shall be revised as shown on the attached drawing.

#### 4.16 <u>A000 COVER</u>

A. Added following sheets to the sheet index: C401, C402, C403, C502, A320, A401, A402, A403 A502, A602, A603.

#### 4.17 <u>A103 – ROOF PLAN – UNIT J</u>

A. Modified roof plan clarity.

#### 4.18 <u>A104 – ROOF DETAILS</u>

A. Modified roof parapet details 1/104, 3/A104, and 4/A104

#### 4.19 <u>A211A – FIRST FLOOR REFLECTED CEILING PLAN – UNIT A</u>

A. Revise **CL8** as follows; typical all sheets:

# STYLE: METALWORKS MESH TORSION SPRING WITH AXIOM KNIFE EDGE TRIM (MATCH TO PANTONE 7731 C)

B. Revise **CL11** as follows; typical all sheets:

#### **STYLE: STAINED ASH WOOD**

C. Added 2/A211A section through bulkhead

#### 4.20 <u>A211G - REFLECTED CEILING PLAN - UNIT G</u>

A. Added 5/A403 ceiling section at shower.

#### 4.21 A211J – FIRST FLOOR REFLECTED CEILING PLAN – UNIT J & F

- A. Added section 2/A403 to south vestibule.
- B. Added section 4/A403 to north vestibule
- C. Added plan note 26 to gym entrance.
- D. Revised bulkhead configuration at gym entrance
- E. Added acoustic panels to fieldhouse ceiling.
- F. Revise overall size of **CL12** in Weights & Conditioning 900.



### G. Add Reflected Ceiling Plan Note 30 – SUSPENDED ACOUSTICAL CEILING W/ 6" EXTENDED ALUMINUM PERIMETER TRIM IN BLACK.

#### 4.22 <u>A300 – OVERALL BUILDING ELEVATIONS</u>

- A. Revised louver location on 2/A300
- B. Removed louver on 4/A300
- C. Added paint distinction and grade line on elevations.

#### 4.23 <u>A301 – ENLARGED BUILDING ELEVATIONS</u>

- A. Revised louver location on 1/A301
- B. Removed louver on 2/A301
- C. Added paint distinction (note 19) and grade line on elevations.

#### 4.24 <u>A320 – PARTIAL BUILDING SECTIONS</u>

- A. Added additional detail for clarity
- B. Added similar detail callout.

#### 4.25 A400 – WALL SECTIONS

- A. Revised details on 4/A400 due to shift.
- B. Added keynote to 2/A400

#### 4.26 <u>A401 – WALL SECTIONS</u>

- A. Revised section 1/A401 to include bracing.
- B. Revised 4/A401 and 5/A401 for clarity.

#### 4.27 A402 – WALL SECTIONS

A. Revised 3/A402 to show increased depth in bulkhead as shown in RCP

#### 4.28 <u>A410 – ENLARGED SECTION DETAILS</u>

- A. Added bracing to 4/A410
- B. Revised 6/A410 to extend crop of view
- C. Revised 7/A410 to include additional keynotes

#### 4.29 <u>A411 – ENLARGED SECTION DETAILS</u>

A. Added new details and added keynotes to existing details.

#### 4.30 <u>A430 – PLAN DETAILS</u>

- A. Added new details
- B. Revised existing details to reflect new wall layouts.

#### 4.31 <u>A432 – PLAN DETAILS</u>

- A. Revised existing details to reflect new wall compositions.
- B. Added keynotes to details

#### 4.32 <u>A433 – PLAN DETAILS</u>

- A. Added 10/A433 to sheet
- B. Revised details to include more information.

#### 4.33 <u>A450 – VERTICAL CIRCULATION DETAILS</u>

- A. Revised ladder and modified details for graphical clarity.
- B. Added detail 6/A450

#### 4.34 <u>A451 – VERTICAL CIRCULATION DETAILS</u>

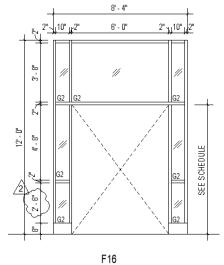
A. Revised for graphical clarity

#### 4.35 <u>A501 – DOOR AND FRAME SCHEDULE</u>

- A. Added information to doors H10B, H10C, H10D
  - 1. Height: 4'6"
  - 2. Width: 5'10"
  - 3. Material and Finish is Stainless Steel.



B. Revise the 2'4" vertical dimension on Frames F7, F8, F16 to be 2'6"



1.

#### 4.36 <u>A601 – CASEWORK SCHEDULES</u>

A. Added Casework to the base cabinet, tall cabinet, and wall cabinet schedules.

#### 4.37 <u>A604 – INTERIOR ELEVATIONS</u>

A. Revised elevation of trophy case to reflect change of size noted in equipment schedule.

#### 4.38 <u>A610 – CASEWORK ELEVATIONS</u>

- A. Revised lab layouts to include casework changes, tags to gas and air, and sinks to receive 3 faucets.
- B. Modified General Casework Note A

#### 4.39 <u>A611 – CASEWORK ELEVATIONS</u>

- A. Revised lab layouts to include casework changes, tags to gas and air, and sinks to receive 3 faucets.
- B. Modified General Casework Note A

#### 4.40 <u>A616 – INTERIOR ELEVATION</u>

A. Added gypsum cap above block wall

#### 4.41 <u>A617 – INTERIOR ELEVATION</u>

A. Added gypsum cap above block wall

#### 4.42 <u>A800 – FINISH LEGEND AND DETAILS</u>



A. Add wall tile (WT3).te

MFR: LOUISVILLE TILE STYLE: RETRO ACTVIVE 2.0 COLOR: ARMOR POLISHED

SIZE: 4"X12"

INSTALL: VERTICAL 1/3 OFFSET LOCATION: WATER FOUNTAINS

NOTE: TRIM EXPOSED EDGES W/ SCHLUTER

B. Revise wall panel **(WP2)** as follows:

**COLOR: STAINED ASH WOOD** 

- C. Move wall panel (WP3) to MISCELLANEOUS.
- D. Add wall panel (WP4).

MFR: 3FORM

STYLE: VARIA ACRYLIC 1/4" GAUGE

FINISH: SANDSTONE FO1 COLOR: SHAMROCK G47

**LOCATION: RECEPTION DESK; SEE 3/A615** 

#### 4.43 A801G – FIRST FLOOR FINISH PLAN – UNIT G

A. Add group finish tag to Boys JV Basketball Boys Cross Country G33, Boys Varsity Basketball G39, Girls Volleyball G45, and Girls Basketball Girls Cross Country G50 entries.

#### 4.44 A801H – FIRST FLOOR FINISH PLAN – UNIT H

- A. Revise Finish Plan Note **F9 ALTERNATE: IN LIEU OF (LVT2) AND (LVT3), FLOORING IN THIS ROOM TO RECEIVE (TZ3) AND (TZ4), RESPECTIVELY, UNO. PROVIDE 1/4" ZINCE TERRAZZO DIVIDER STRIP WHERE TRANSITIONS OCCURS.**
- B. Revise Finish Plan Note F17 ALTERNATE: IN LIEU (LVT3), FLOORING GRAPHIC TO RECEIVE (TZ5). PROVIDE 1/4" ZINC TERRAZZO DIVIDER STRIP WHERE TRANSITION OCCURS.

#### 4.45 <u>A900 – EQUIPMENT SCHEDULE AND DETAILS</u>

- A. Added GC1, GF1, GF2, TP1 to equipment schedule.
- B. Added information to GE9

#### 4.46 A901G – FIRST FLOOR EQUIPMENT PLAN

A. Added tags LF1 to Locker filler panels.

#### 4.47 <u>A910 – DISPLAY CASE PLANS AND DETAILS</u>



- A. Revised for graphical clarity.
- 4.48 <u>Drawing No. PD101B UNDERSLAB PLAN UNIT B PLUMBING DEMOLITION</u>
  - A. Reissue this Drawing in its entirety.
  - B. Added alternate bid information and miscellaneous changes.
- 4.49 <u>Drawing No. PD201A FIRST FLOOR PLAN UNIT A PLUMBING DEMOLITION</u>
  - A. Reissue this Drawing in its entirety.
  - B. Changed overhead storm piping and vent piping demolition.
- 4.50 <u>Drawing No. PD201B FIRST FLOOR PLAN UNIT B PLUMBING DEMOLITION</u>
  - A. Reissue this Drawing in its entirety.
  - B. Added alternate bid information and miscellaneous changes.
- 4.51 <u>Drawing No. P101A UNDERSLAB PLAN UNIT A PLUMBING</u>
  - A. Reissue this Drawing in its entirety.
  - B. Changed underground acid waste pipe, storm pipe, and added sanitary waste piping from floor drains.
- 4.52 <u>Drawing No. P101B UNDERSLAB PLAN UNIT B PLUMBING</u>
  - A. Reissue this Drawing in its entirety.
  - B. Changed underground sanitary waste pipe.
- 4.53 Drawing No. P201A FIRST FLOOR PLAN UNIT A PLUMBING
  - A. Reissue this Drawing in its entirety.
  - B. Added storm piping pipe and miscellaneous changes.
- 4.54 Drawing No. P201B FIRST FLOOR PLAN UNIT B PLUMBING
  - A. Reissue this Drawing in its entirety.
  - B. Added floor drains and water to ice maker.
- 4.55 <u>Drawing No. P301E ENLARGED MECHANICAL ROOM UNIT E PLUMBING</u>
  - A. Reissue this Drawing in its entirety.
  - B. Added demolition plan, clarified gas piping.



- 4.56 <u>Drawing No. M201A FIRST FLOOR PLAN UNIT A AIR DISTRIBUTION</u>
  - A. Change FPVAV-305 from a type 'B' to type 'D'.
- 4.57 <u>Drawing No. M201G FIRST FLOOR PLAN UNIT G AIR DISTRIBUTION</u>
  - A. In Classroom 513, the return air ductwork from the RTU shall be internally lined with 1" acoustical duct liner. Cover inlet with ½" wire mesh screen.
- 4.58 Drawing No. M601 SCHEDULES MECHANICAL
  - A. Edit FAN POWERED VARIABLE VOLUME BOX SCHEDULE WITH HEAT
    - 1. Change all VAV boxes to Series Fan Powered, Price FDC, with return air inlet attenuator.
    - 2. Reissue this Drawing in its entirety.
- 4.59 <u>Drawing No. M701 CONTROLS GENERAL</u>
  - A. Add Control Points List for Fan Coil Units as follows:
    - 1. Space Temperature Al
    - 2. Fan Start/Stop DO
    - 3. Fan Speed DO
    - 4. Chilled Water TC Valve AO
    - 5. Heating Water TC Valve AO
    - 6. Discharge Air Temperature Al
- 4.60 <u>Drawing No. E100 SITE PLAN ELECTRICAL</u>
  - A. Reissue this Drawing in its entirety.
- 4.61 <u>Drawing No. E201A FIRST FLOOR PLAN UNIT A LIGHTING</u>
  - A. Reissue this Drawing in its entirety.
- 4.62 <u>Drawing No. E201J FIRST FLOOR PLAN UNIT J & F LIGHTING</u>
  - A. Reissue this Drawing in its entirety.
- 4.63 Drawing No. E211J FIRST FLOOR PLAN UNIT J & F POWER
  - A. Reissue this Drawing in its entirety.
- 4.64 <u>Drawing No. E601 SCHEDULES ELECTRICAL</u>
  - A. Reissue this Drawing in its entirety.
- 4.65 <u>Drawing No. E611 SCHEDULES PANELBOARDS</u>
  - A. Reissue this Drawing in its entirety.



#### **PART 5 - QUESTION AND ANSWER**

- 5.1 Can you confirm the desired roof panel type? The specs state "manufacturer's standard vertical rib..." standard standing seam is trapezoidal rib, 24" wide. 16" wide "architectural" roof panels are available, but are not standard and are more expensive and slower to install.
  - A. Trapezoidal rib 24" wide is acceptable.
- 5.2 Can you confirm the lateral bracing methods allowed? PEMB Notes on sheet S002 appear to allow rod bracing. Specification section 13 24 19, 2.04D notes Rigid Portal Frames, Fixed-Base Columns, and Diaphragm Action of Metal Panels (which won't be sufficient on its own). Can the architect provide potential locations from the bracing/portal frames along lines A and F where the bracing could be placed without impact the building function?
  - A. Bracing between bays 1&2, 3&4 and 8&9 along frame lines A and F.
- 5.3 Can the architect provide a basis of design flush liner panel for the alternate in the metal building? Is this panel intended to be insulated or single skin?
  - A. Single skin, exposed fastener type with perforations for acoustics, similar to Midwest Manufacturing acoustical liner panels.
- 5.4 Please confirm roof and wall insulation for the metal building system
  - A. Roof is required to meet a certified R-Value of R-19, and walls a certified R-Value of R-13 according to ASHRAE 90.1 2007 Edition, I-P Edition.
- 5.5 I assume elevation 4-6 A610 will be typical of all teacher stations in the lab rooms?
  - A. Correct.
- 5.6 Sheet A900, GE2 Gym Bleachers has notation for a custom attachment to the PEMB. I am not able to locate any details on this. Can you please provide more information/details about this custom attachment? Need to know in order to understand how it affects the PEMB structure.
  - A. Bleachers are attaching to the low CMU wall, this attachment is needed by the bleacher manufacturer to work around the CMU column wraps.

#### **END ADDENDUM #2**

THIS SURVEY REFLECTS ABOVE GROUND INDICATIONS OF UTILITIES (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS

### **FLOOD NOTE:**

THE PARCEL DESCRIBED AND SHOWN HEREIN LIES WITHIN ZONE "X" AS SAID PARCEL PLOTS ON MAP NUMBER 18035CO236D (DATED JULY 04. 2011) OF THE FLOOD INSURANCE RATE MAPS FOR THE TOWN OF YORKTOWN DELAWARE COUNTY, INDIANA. THE ACCURACY OF THIS FLOOD HAZARD STATEMENT IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER

KOSCIUSKO **PROJECT** MADISON DELAWARE **VICINITY** FOUNTAIN MONTGOMERY BOONE HENDRICKS MARION BARTHOLOMEW SULLIVAN GREENE JACKSON LAWRENCE JEFFERSON | SWITZERLAND DAVIESS | WASHINGTON CLARK GIBSON **POSEY** SPENCER BURGH

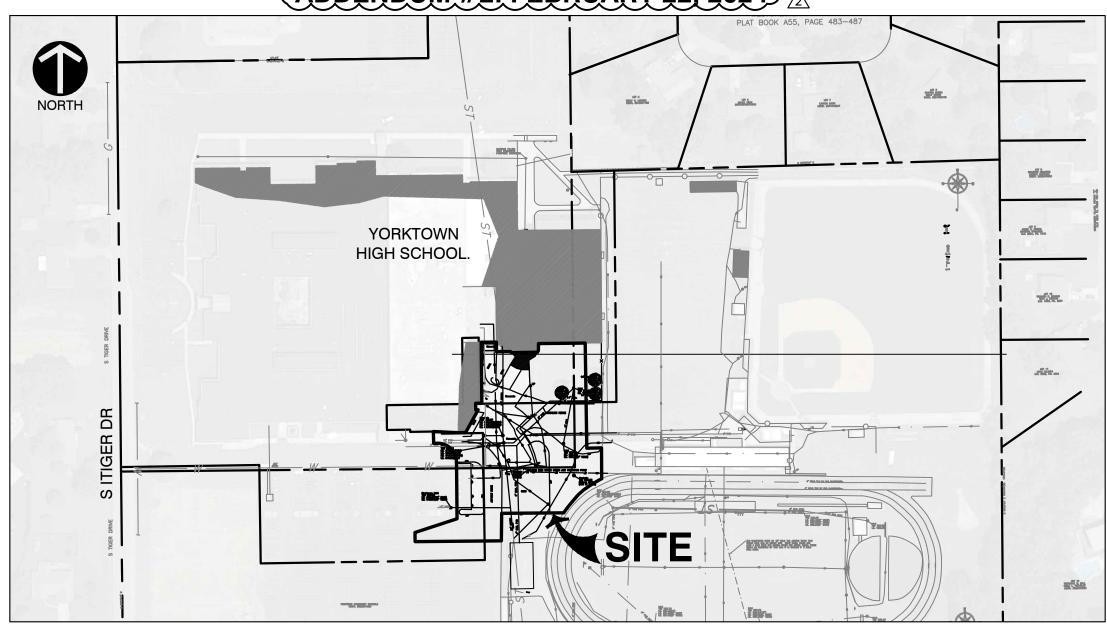
# YORKTOWN HIGH SCHOOL ATHLETICS BUILDING ADDITION

**PRICING SET** Date: 01/26/23 By: JMP

1100 S TIGER DRIVE YORKTOWN, INDIANA 47396 100% CIVIL CONSTRUCTION DOCUMENTS

**JANUARY 26, 2024** 

**ADDENDUM #1: FEBRUARY 15, 2024** (ADDÉNDUM, #2; FÉBRUARY 22, 2024)



**VICINITY MAP** NOT TO SCALE

### **CONSULTANT TEAM:**

**DEVELOPER / OWNER** YORKTOWN COMMUNITY SCHOOLS 1100 S TIGER DRIVE YORKTOWN, IN 47396 PH: 765-759-2720 CONTACT: DR. GREG HINSHAW

ghinshaw@yorktown.k12.in.us

### LANDSCAPE ARCHITECT

**CONTEXT DESIGN** 12 S. MAIN STREET, STE. 200 FORTVILLE, IN 46060 PH: (317) 485-6900 CONTACT: FRED PRAZEAU fprazeau@context-design.com

### SURVEYOR

ASHTON LAND SURVEYORS, INC. 325 WEST WASHINGTON STREET MUNCIE, IN 47305 PH: (765) 282-5594 CONTACT: LEONARD REESE; KATHY VANNICE Lreese@ashtonlandsurveyors.com; Kvannice@ashtonlandsurveyors.com

**CIVIL ENGINEER CIVIL & ENVIRONMENTAL** CONSULTANTS, INC. 530 E. OHIO STREET. SUITE G INDIANAPOLIS, IN 46204 PH: (317) 655-7777 **CONTACT: AARON HURT** ahurt@cecinc.com

#### STORMWATER POLLUTION PREVENTION PLAN (C900 STORMWATER POLLUTION PREVENTION NOTES C902 STORMWATER POLLUTION PREVENTION DETAILS YORKTOWN STANDARD DETAILS

**Sheet Number** 

**SURVEY NOTE:** THE SITE TOPOGRAPHICAL SURVEY IN THIS PLAN SET WAS COMPLETED BY OTHERS. THE FOLLOWING SUMMARIZES THE SOURCES OF THE SURVEY

EXISTING TOPOGRAPHY SURVEY WAS PROVIDED BY CLIENT, CONTEXT DESIGN, ON NOVEMBER 6, 2023. EXISTING TOPOGRAPHY SURVEY WAS PREPARED BY ASHTON LAND SURVEYORS.

**Sheet List Table** 

DRAINAGE PLAN DRAINAGE PROFIL

DRAINAGE PROFILE

UTILITY PLAN

SITE DETAILS

SITE DETAILS

OVERALL UTILITY PLAN

UTILITY PLAN ALTERNATE

**Sheet Title** 

ADDRESS: 325 WEST WASHINGTON STREET, MUNCIE, IN 47305 PHONE: (765) 282-5594 TRANSMITTAL DATE: 05-22-2022

CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC) DOES NOT WARRANT THAT THE THE TOPOGRAPHICAL FEATURES AND UNDERGROUND UTILITIES SHOWN IN THIS PLAN SET ARE A COMPREHENSIVE REPRESENTATION OF THE SITE. CEC HAS NOT PHYSICALLY LOCATED THE TOPOGRAPHICAL AND UTILITY FEATURES OF THE SITE, KNOWLEDGE OF SITE FEATURES IS LIMITED TO THE CONTENT IN THE AFOREMENTIONED REFERENCES PROVIDED TO CEC.

### **LEGAL DESCRIPTION (BY OTHERS):**

A PART OF THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 15. TOWNSHIP 20 NORTH. RANGE 9 EAST IN THE TOWN OF YORKTOWN, DELAWARE COUNTY, INDIANA DESCRIBED AS FOLLOWS: BEGINNING AT A NAIL ON THE NORTH LINE OF THE EAST HALF OF THE SOUTHWEST QUARTER OF SECTION 15, TOWNSHIP 20 NORTH, RANGE 9 EAST, SAID NAIL BEING SOUTH 89 DEGREES 14 MINUTES 02 SECONDS WEST 653.00 FEET (ASSUMED BEARING) FROM A SPIKE MARKING THE NORTHEAST CORNER OF SAID HALF-QUARTER SECTION; THENCE SOUTH OO DEGREES 41 MINUTES 42 SECONDS EAST 738.70 FEET ALONG THE WEST LINE OF WEST CHESTER PARK, A RESIDENTIAL SUBDIVISION, AS RECORDED BY RECORD A55, PAGE 483-487, RECORDS OF DELAWARE COUNTY, INDIANA, TO A 5/8-INCH REBAR; THENCE NORTH 88 DEGREES 20 MINUTES 52 SECONDS EAST 649.81 FEET ALONG THE SOUTH LINE OF SAID SUBDIVISION TO A 5/8-INCH REBAR ON THE EAST LINE OF SAID HALF-QUARTER SECTION; THENCE SOUTH 00 DEGREES 24 MINUTES 53 SECONDS EAST 860.35 FEET TO A 5/8-INCH REBAR AT THE SOUTHEAST CORNER OF A TRACT OF GROUND DESCRIBED BY INSTRUMENT #2022R01625 RECORDS OF DELAWARE COUNTY, INDIANA; THENCE SOUTH 89" DEGREES 26 MINUTES 42 SECONDS WEST 1334.73 FEET TO A NAIL AT THE SOUTHWEST CORNER OF SAID TRACT; THENCE NORTH 00 DEGREES 33 MINUTES 18 SECONDS WEST 1584.00 FEET TO A NAIL AT THE NORTHEAST CORNER OF SAID HALF-QUARTER SECTION; THENCE NORTH 89 DEGREES 14 MINUTES 02 SECONDS EAST 686.11 FEET TO THE POINT OF BEGINNING, CONTAINING 37.71 ACRES, MORE OR LESS, AND SUBJECT TO THE RIGHT-OF-WAY FOR TIGER DRIVE. TO RIVER ROAD, AND TO ALL EASEMENTS OF RECORD. I HEREBY CERTIFY THAT TO THE BEST OF MY INFORMATION, KNOWLEDGE AND BELIEF THE WITHIN PLAT REPRESENT A SURVEY, EXECUTED ACCORDING TO SURVEY REQUIREMENTS IN 865 IAC 1-12-7 MADE UNDER MY SUPERVISION AND COMPLETED ON JULY 11, 2022.





I HIGH SCHOOL JILDING ADDITION IGER DRIVE , INDIANA 47396 S TIC S TIC WN, YORKTOV I'HLETICS 1100 \$

### CITY AND UTILITY CONTACTS:

CENTERPOINT ENERGY 1800 W. 26TH STRET MUNCIE, IN 47302 (800) 227-1376

WATER

YORKTOWN WATER

**SUPERINTENDENT** 

2400 S EDITH ST

ATTN: JAMIE MIXELL

**EROSION CONTROL INSPECTION** 

765-730-1803

YORKTOWN ZONING & BUILDINGYORKTOWN WASTE WATER COMMISSIONER 2400 S EDITH ST YORKTOWN, IN 47396 ATTN: MATT RAY

(765) 759-0142 MRAÝ@YORKTOWNINDIANA.ORG

**BUILDING & ZONING** 

FIRE DEPARTMENT YORKTOWN FIRE DEPARTMENT 8905 W SMITH ST YORKTOWN, IN 47396 YORKTOWN, IN 47396 ATTN: DAVE BOONE (765) 759-5836 DBOONE@YFD-IN.ORG JMIXELL@YORKTOWNINDIANA.ORG

**LOCATION MAP** 

NOT TO SCALE

2201 WEST ST YORKTOWN, INDIANA 47396 ATTN: GEORGE KANE (765) 759-9698GKANE@YORKTOWNINDIANA.ORG

SANITARY SEWER

### STREET DEPARTMENT

9800 W SMITH STREET YORKTOWN, INDIANA 47396 ATTN: BRADY PATTERSON 765-759-4009 BPATTERSON@YORKTOWNINDIANA.ORG

### **TOWN MANAGER**

**ELECTRIC** 

INDIANA MICHIGAN POWER

5000 WHEELING AVE

(800) 672-2231

MUNCIE, INDIANA 47304

TOWN OF YORKTOWN 9312 W SMITH STREET YORKTOWN, INDIANA 47396 ATTN: PETER OLSON 765-759-4003 POLSON@YORKTOWNINDIANA.ORG

**TELECOMMUNICATIONS** 

(800) 742-8771

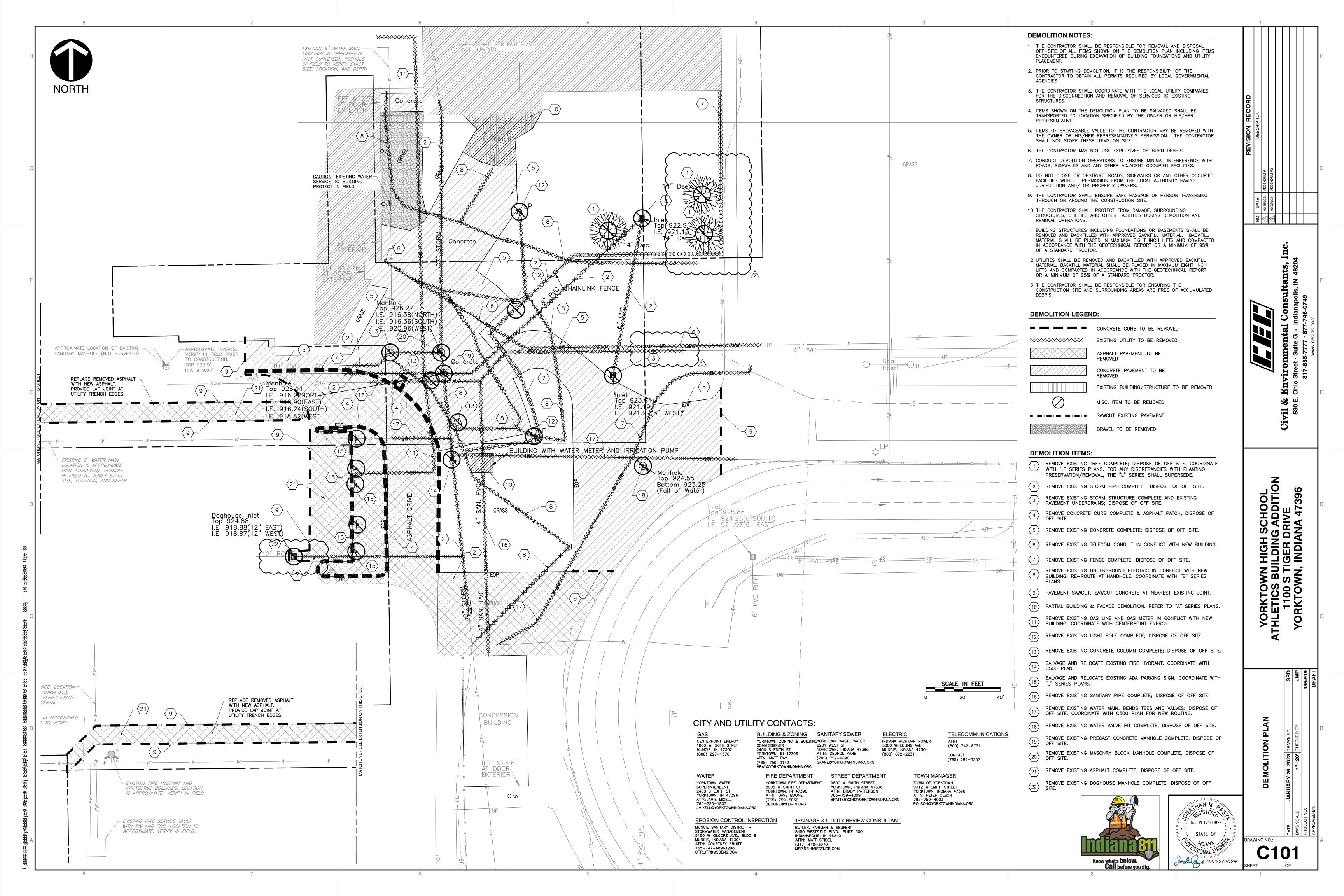
(765) 284-3357

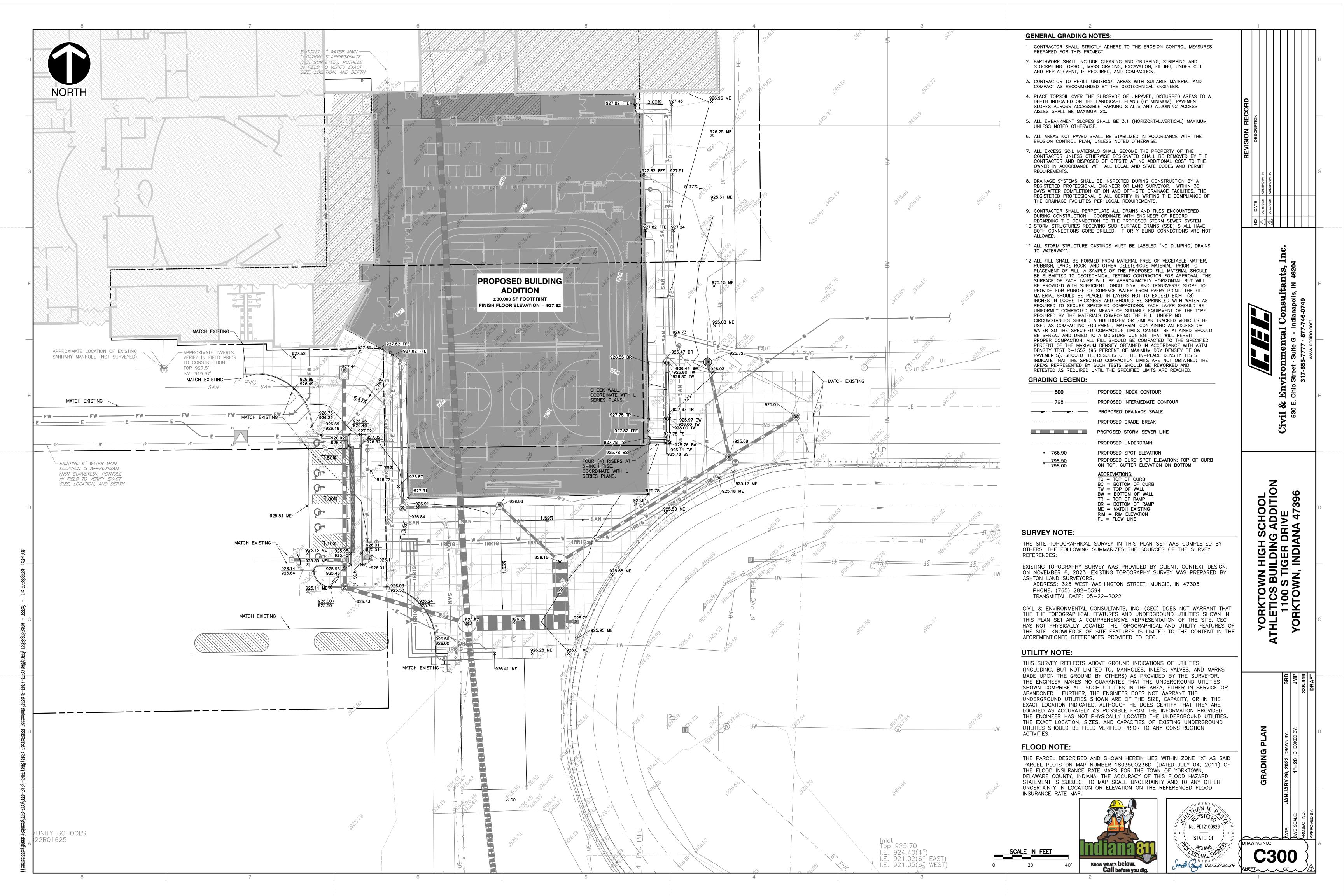
COMCAST

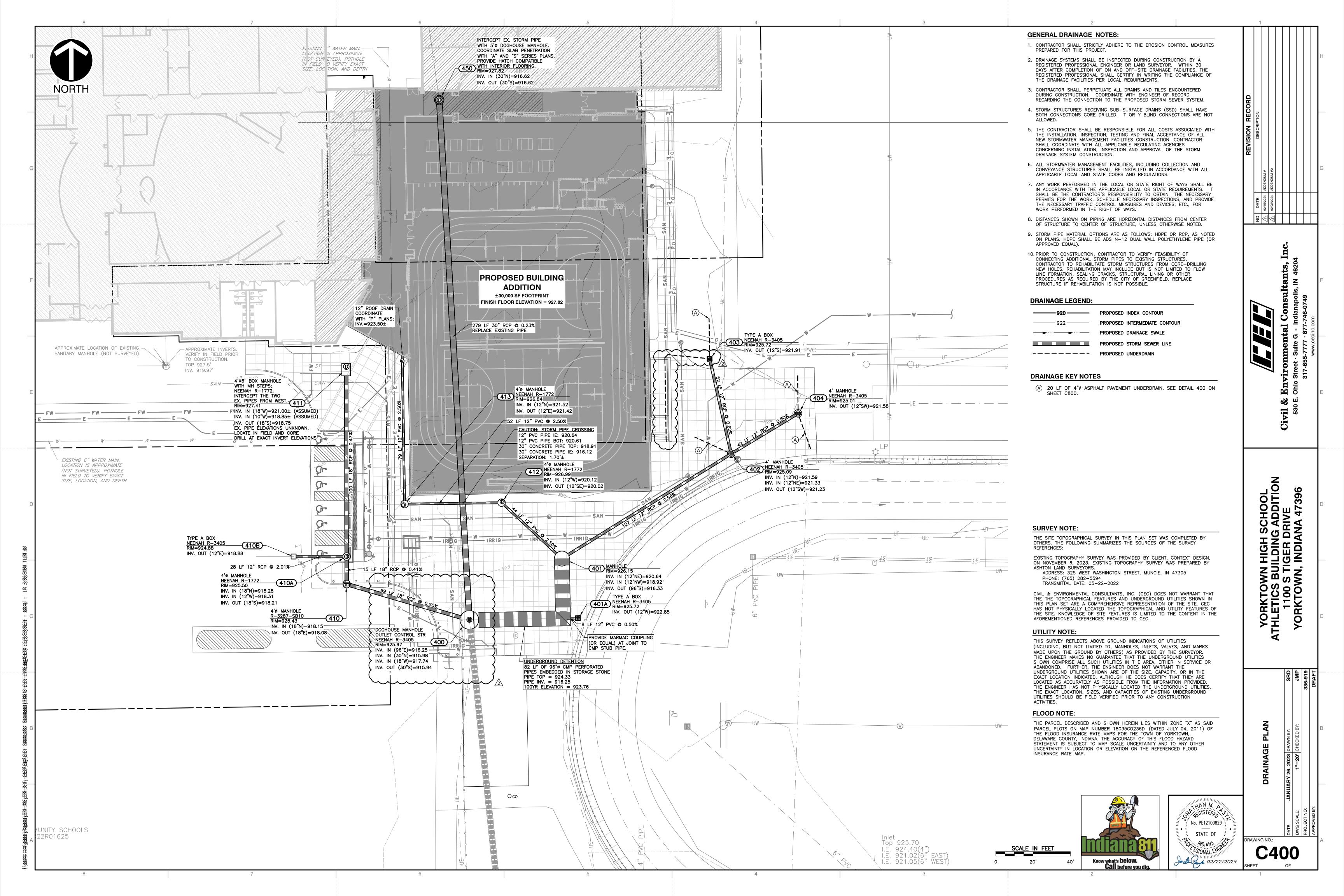
MUNCIE SANITARY DISTRICT -STORMWATER MANAGEMENT 5150 W KILGORE AVE., BLDG 8 INDIANAPOLIS. IN 46240 MUNCIE, INDIANA 47304 ATTN: MATT SPIDEL ATTN: COURTNEY PRUITT (317) 440-3970 765-747-4896X298 MSPIDEL@BFSENGR.COM CPRUITT@MSDENG.COM

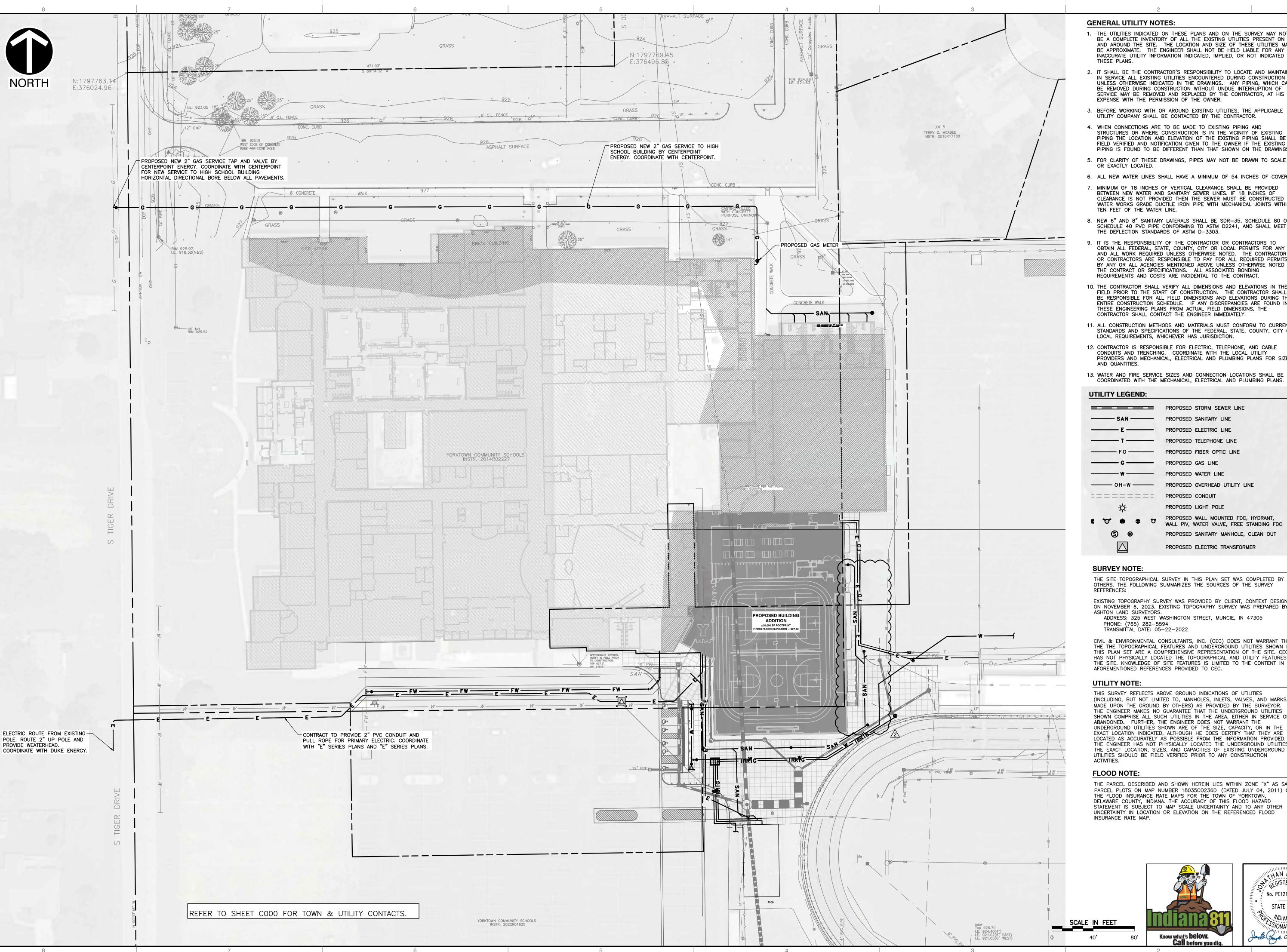
### **DRAINAGE & UTILITY REVIEW CONSULTANT**

BUTLER, FAIRMAN & SEUFERT 8450 WESTFIELD BLVD., SUITE 300









- 1. THE UTILITIES INDICATED ON THESE PLANS AND ON THE SURVEY MAY NOT BE A COMPLETE INVENTORY OF ALL THE EXISTING UTILITIES PRESENT ON AND AROUND THE SITE. THE LOCATION AND SIZE OF THESE UTILITIES MAY BE APPROXIMATE. THE ENGINEER SHALL NOT BE HELD LIABLE FOR ANY INACCURATE UTILITY INFORMATION INDICATED, IMPLIED, OR NOT INDICATED ON
- 2. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LOCATE AND MAINTAIN IN SERVICE ALL EXISTING UTILITIES ENCOUNTERED DURING CONSTRUCTION UNLESS OTHERWISE INDICATED IN THE DRAWINGS. ANY PIPING, WHICH CAN
  - 3. BEFORE WORKING WITH OR AROUND EXISTING UTILITIES, THE APPLICABLE
- 4. WHEN CONNECTIONS ARE TO BE MADE TO EXISTING PIPING AND STRUCTURES OR WHERE CONSTRUCTION IS IN THE VICINITY OF EXISTING PIPING THE LOCATION AND ELEVATION OF THE EXISTING PIPING SHALL BE FIELD VERIFIED AND NOTIFICATION GIVEN TO THE OWNER IF THE EXISTING PIPING IS FOUND TO BE DIFFERENT THAN THAT SHOWN ON THE DRAWINGS.
- 5. FOR CLARITY OF THESE DRAWINGS, PIPES MAY NOT BE DRAWN TO SCALE
- 6. ALL NEW WATER LINES SHALL HAVE A MINIMUM OF 54 INCHES OF COVER.
- MINIMUM OF 18 INCHES OF VERTICAL CLEARANCE SHALL BE PROVIDED BETWEEN NEW WATER AND SANITARY SEWER LINES. IF 18 INCHES OF CLEARANCE IS NOT PROVIDED THEN THE SEWER MUST BE CONSTRUCTED OF WATER WORKS GRADE DUCTILE IRON PIPE WITH MECHANICAL JOINTS WITHIN
- 8. NEW 6" AND 8" SANITARY LATERALS SHALL BE SDR-35, SCHEDULE 80 OR SCHEDULE 40 PVC PIPE CONFORMING TO ASTM D2241, AND SHALL MEET
- 9. IT IS THE RESPONSIBILITY OF THE CONTRACTOR OR CONTRACTORS TO OBTAIN ALL FEDERAL, STATE, COUNTY, CITY OR LOCAL PERMITS FOR ANY AND ALL WORK REQUIRED UNLESS OTHERWISE NOTED. THE CONTRACTOR OR CONTRACTORS ARE RESPONSIBLE TO PAY FOR ALL REQUIRED PERMITS BY ANY OR ALL AGENCIES MENTIONED ABOVE UNLESS OTHERWISE NOTED IN THE CONTRACT OR SPECIFICATIONS. ALL ASSOCIATED BONDING REQUIREMENTS AND COSTS ARE INCIDENTAL TO THE CONTRACT.
- 10. THE CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND ELEVATIONS IN THE FIELD PRIOR TO THE START OF CONSTRUCTION. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL FIELD DIMENSIONS AND ELEVATIONS DURING THE ENTIRE CONSTRUCTION SCHEDULE. IF ANY DISCREPANCIES ARE FOUND IN THESE ENGINEERING PLANS FROM ACTUAL FIELD DIMENSIONS, THE CONTRACTOR SHALL CONTACT THE ENGINEER IMMEDIATELY.
- 11. ALL CONSTRUCTION METHODS AND MATERIALS MUST CONFORM TO CURRENT STANDARDS AND SPECIFICATIONS OF THE FEDERAL, STATE, COUNTY, CITY OR LOCAL REQUIREMENTS, WHICHEVER HAS JURISDICTION.
- 12. CONTRACTOR IS RESPONSIBLE FOR ELECTRIC, TELEPHONE, AND CABLE CONDUITS AND TRENCHING. COORDINATE WITH THE LOCAL UTILITY PROVIDERS AND MECHANICAL, ELECTRICAL AND PLUMBING PLANS FOR SIZES
- 13. WATER AND FIRE SERVICE SIZES AND CONNECTION LOCATIONS SHALL BE COORDINATED WITH THE MECHANICAL, ELECTRICAL AND PLUMBING PLANS.

	PROPOSED STORM SEWER LINE
	PROPOSED SANITARY LINE
——Е——	PROPOSED ELECTRIC LINE
т ——	PROPOSED TELEPHONE LINE
—— F O ——	PROPOSED FIBER OPTIC LINE
G	PROPOSED GAS LINE
—— w ——	PROPOSED WATER LINE
—— он-w ——	PROPOSED OVERHEAD UTILITY LINE
========	PROPOSED CONDUIT
*	PROPOSED LIGHT POLE
# W • • U	PROPOSED WALL MOUNTED FDC, HYDRANT, WALL PIV, WATER VALVE, FREE STANDING FDC
<b>S 9</b>	PROPOSED SANITARY MANHOLE, CLEAN OUT
	PROPOSED ELECTRIC TRANSFORMER

THE SITE TOPOGRAPHICAL SURVEY IN THIS PLAN SET WAS COMPLETED BY OTHERS. THE FOLLOWING SUMMARIZES THE SOURCES OF THE SURVEY

EXISTING TOPOGRAPHY SURVEY WAS PROVIDED BY CLIENT, CONTEXT DESIGN, ON NOVEMBER 6, 2023. EXISTING TOPOGRAPHY SURVEY WAS PREPARED BY

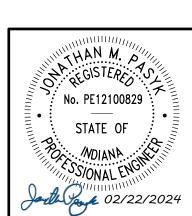
ADDRESS: 325 WEST WASHINGTON STREET, MUNCIE, IN 47305 PHONE: (765) 282–5594 TRANSMITTAL DATE: 05–22–2022

CIVIL & ENVIRONMENTAL CONSULTANTS, INC. (CEC) DOES NOT WARRANT THAT THE THE TOPOGRAPHICAL FEATURES AND UNDERGROUND UTILITIES SHOWN IN THIS PLAN SET ARE A COMPREHENSIVE REPRESENTATION OF THE SITE. CEC HAS NOT PHYSICALLY LOCATED THE TOPOGRAPHICAL AND UTILITY FEATURES OF THE SITE. KNOWLEDGE OF SITE FEATURES IS LIMITED TO THE CONTENT IN THE AFOREMENTIONED REFERENCES PROVIDED TO CEC.

THIS SURVEY REFLECTS ABOVE GROUND INDICATIONS OF UTILITIES (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AS PROVIDED BY THE SURVEYOR. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED. FURTHER, THE ENGINEER DOES NOT WARRANT THE UNDERGROUND UTILITIES SHOWN ARE OF THE SIZE, CAPACITY, OR IN THE EXACT LOCATION INDICATED, ALTHOUGH HE DOES CERTIFY THAT THEY ARE LOCATED AS ACCURATELY AS POSSIBLE FROM THE INFORMATION PROVIDED. THE ENGINEER HAS NOT PHYSICALLY LOCATED THE UNDERGROUND UTILITIES. THE EXACT LOCATION, SIZES, AND CAPACITIES OF EXISTING UNDERGROUND UTILITIES SHOULD BE FIELD VERIFIED PRIOR TO ANY CONSTRUCTION

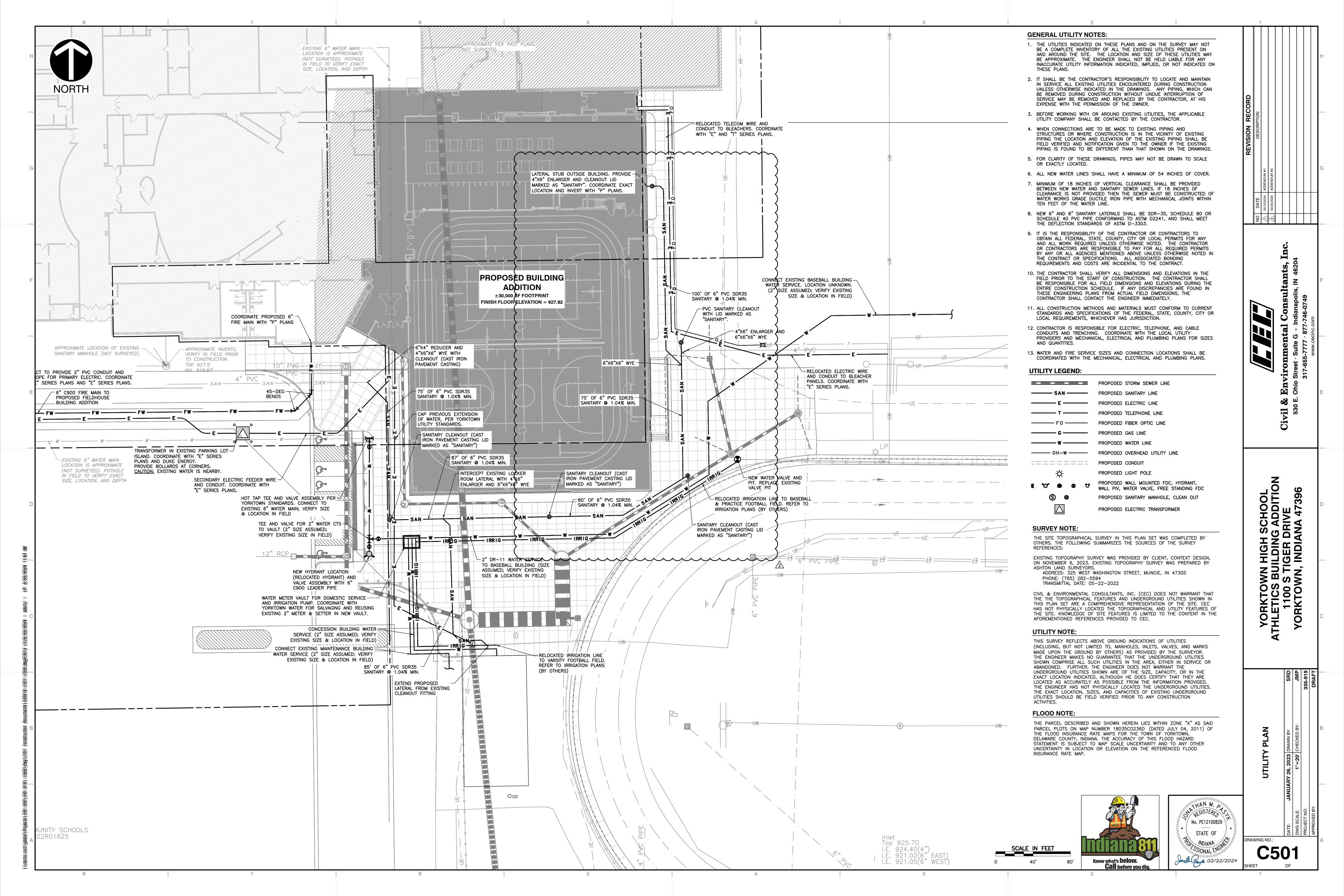
THE PARCEL DESCRIBED AND SHOWN HEREIN LIES WITHIN ZONE "X" AS SAID PARCEL PLOTS ON MAP NUMBER 18035C0236D (DATED JULY 04, 2011) OF THE FLOOD INSURANCE RATE MAPS FOR THE TOWN OF YORKTOWN, DELAWARE COUNTY, INDIANA. THE ACCURACY OF THIS FLOOD HAZARD STATEMENT IS SUBJECT TO MAP SCALE UNCERTAINTY AND TO ANY OTHER UNCERTAINTY IN LOCATION OR ELEVATION ON THE REFERENCED FLOOD

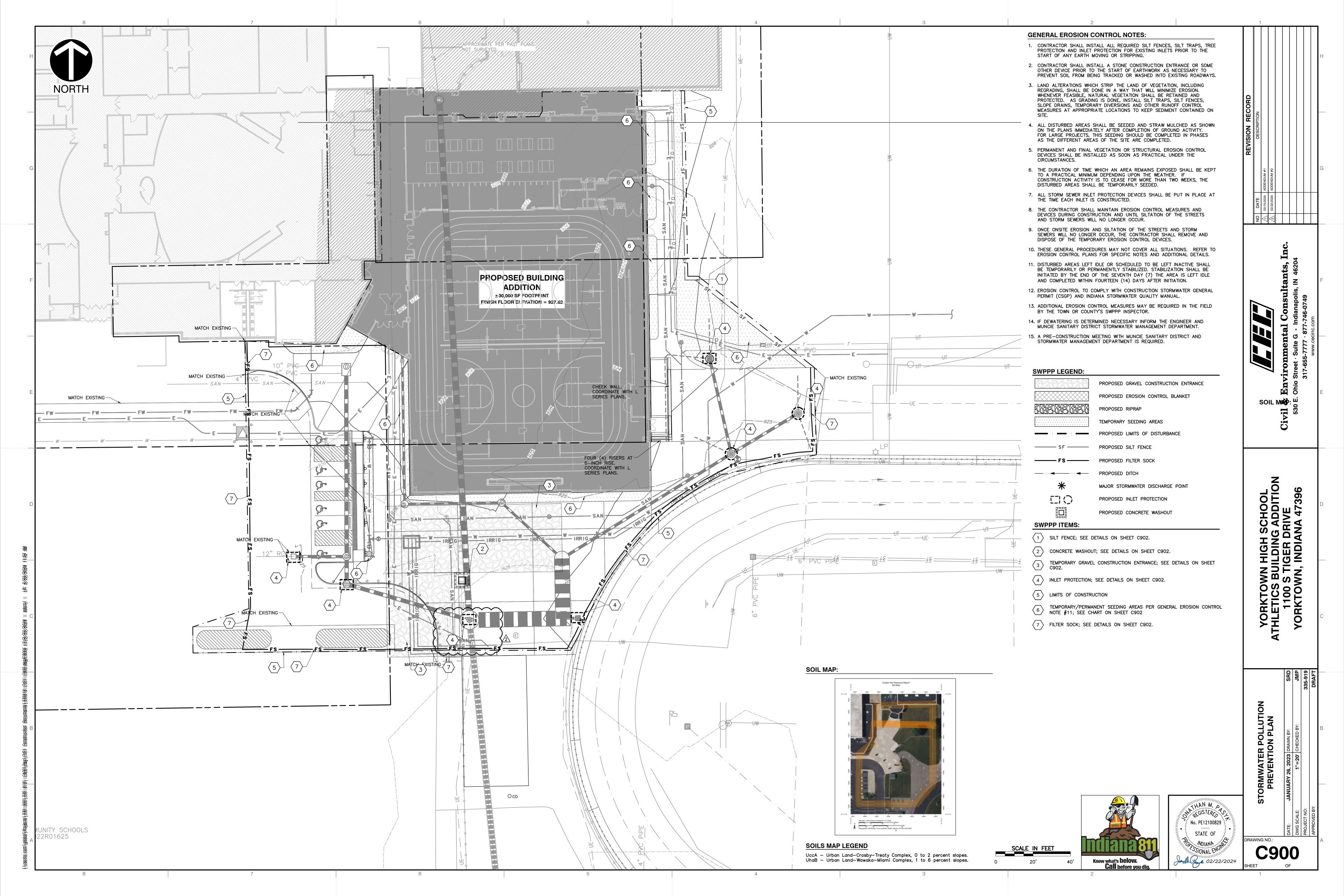




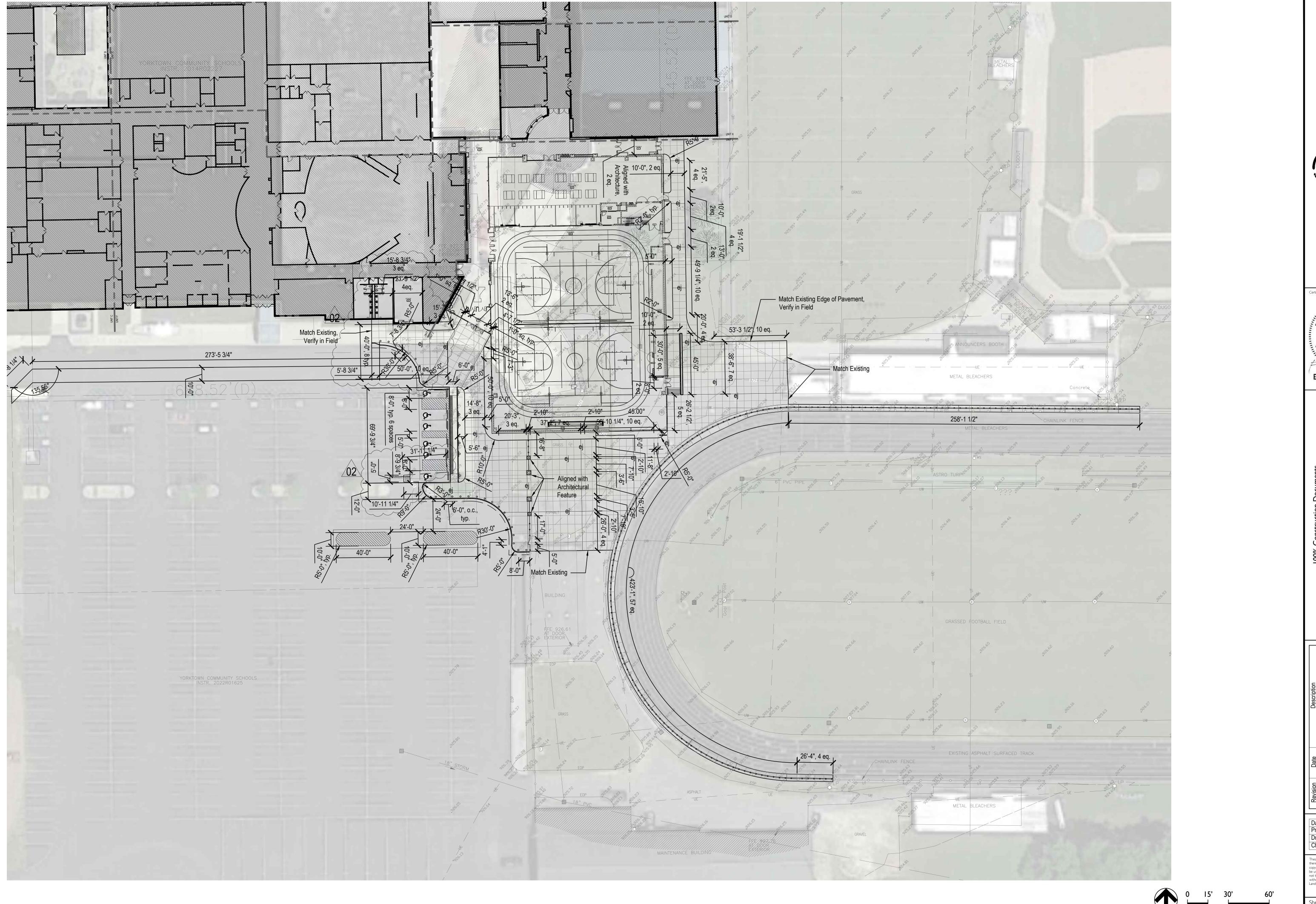
**급** 등

YORKTOWN HIGH SCHOOL ATHLETICS BUILDING ADDITION 1100 S TIGER DRIVE YORKTOWN, INDIANA 47396











No.
2020-0052
STATE OF

EXPIRES 12-31-2025

100% Construction Documents

Yorktown High School
1100 S Tiger Dr., Yorktown, IN 47396

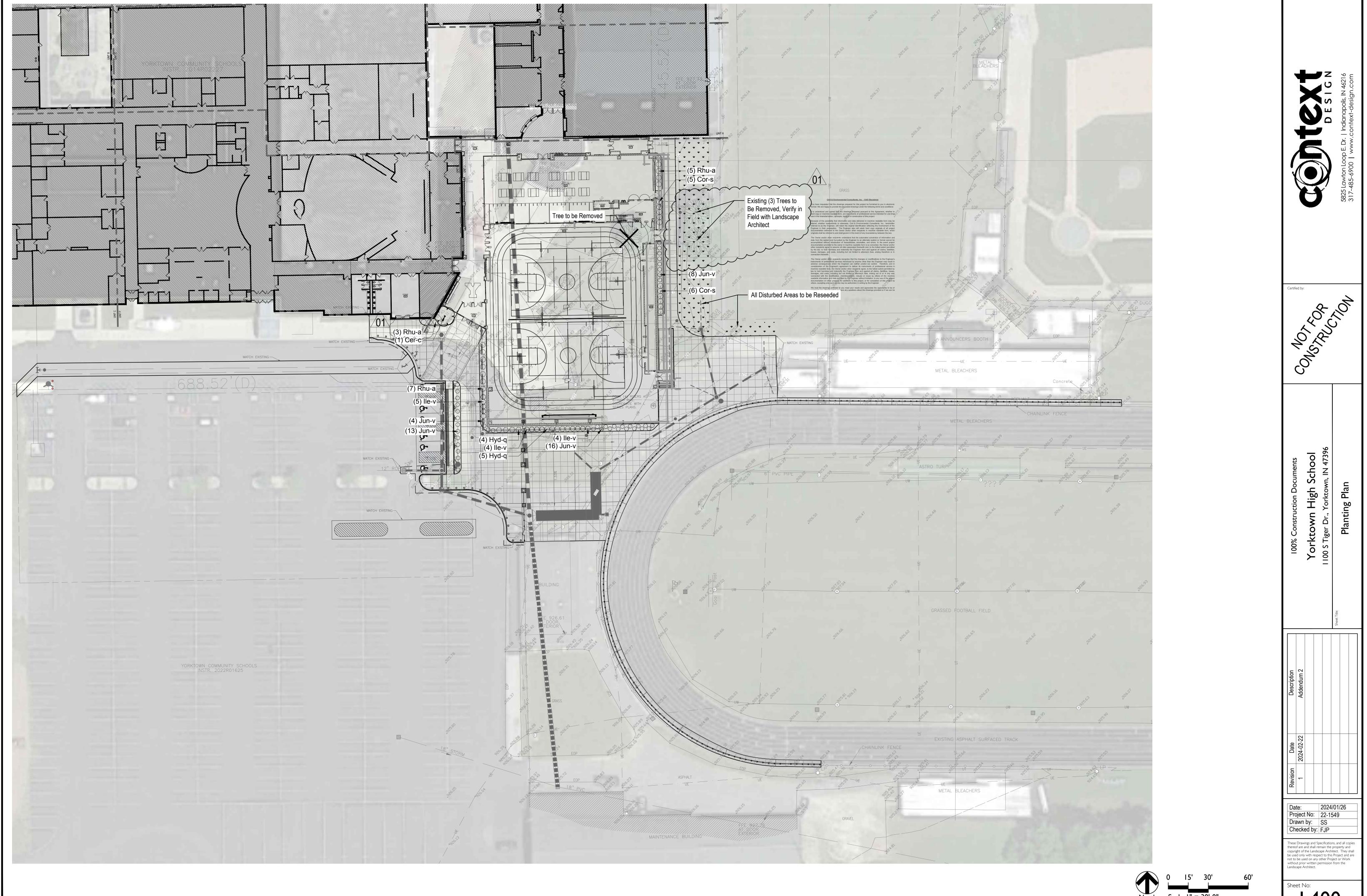
Layout Plan

Date Description
4-02-15 Addendum 1
Addendum 2

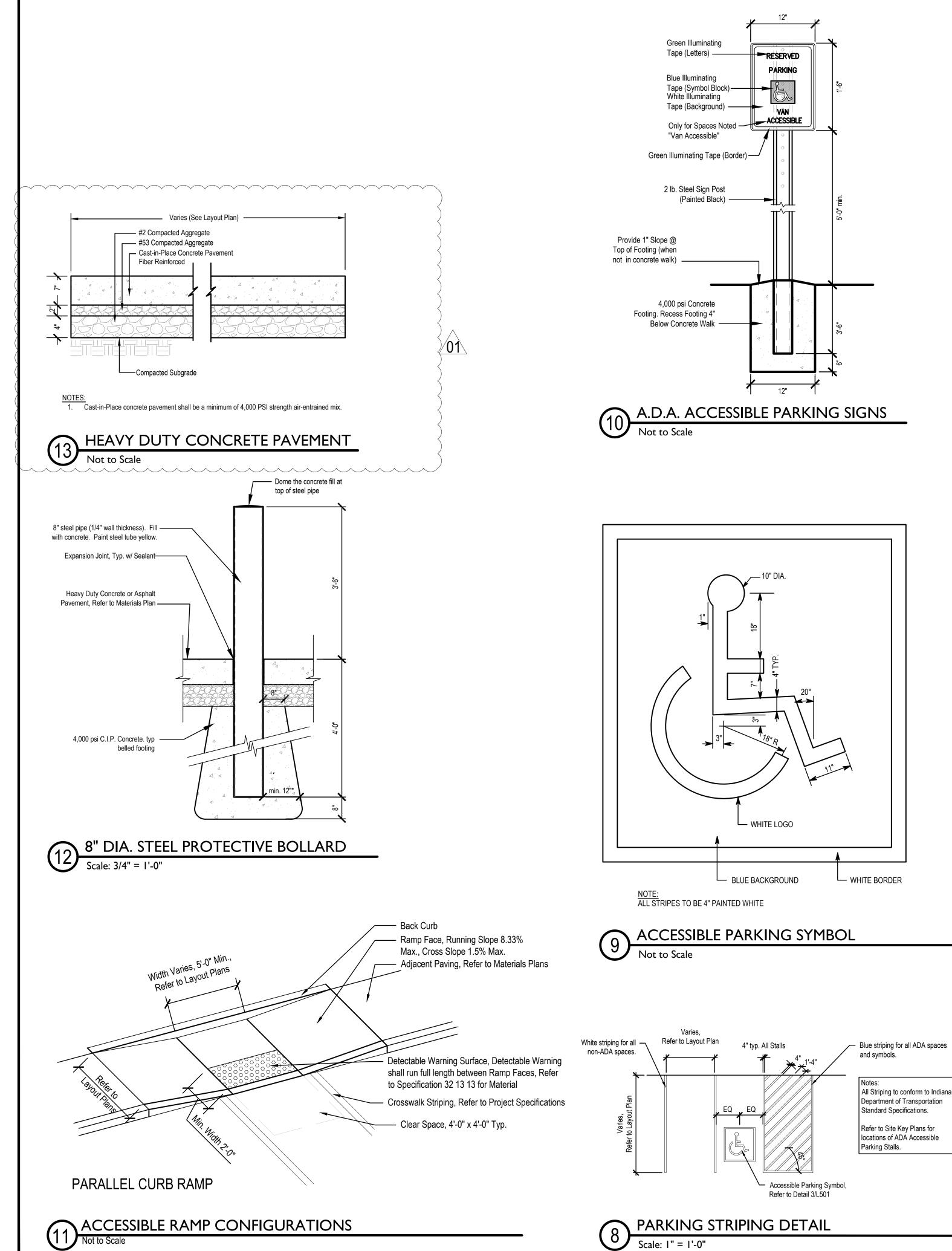
Date: 2024/01/26
Project No: 22-1549
Drawn by: SS
Checked by: FJP

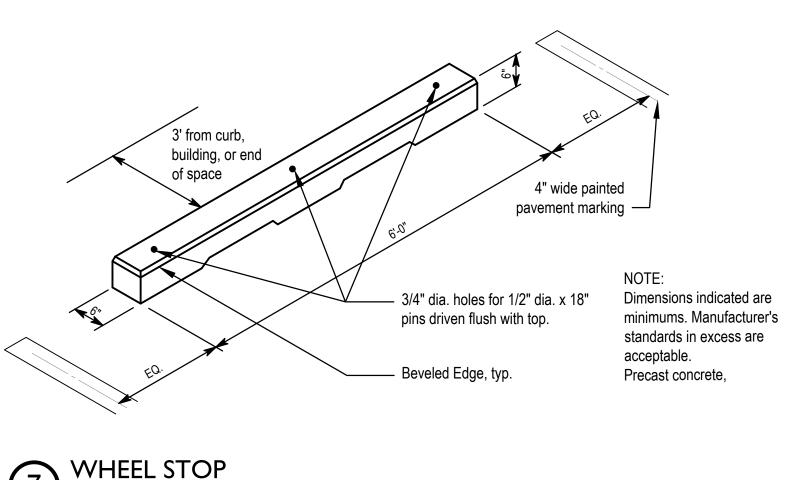
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Sheet No:



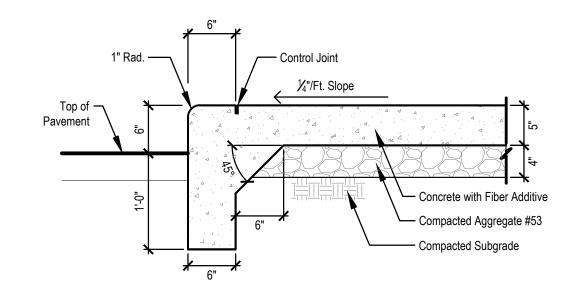
Sheet No:



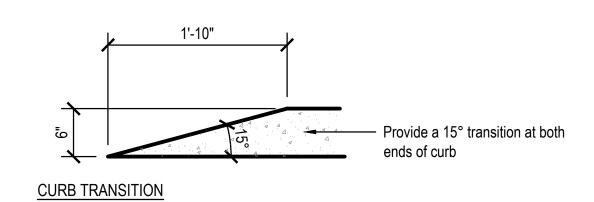


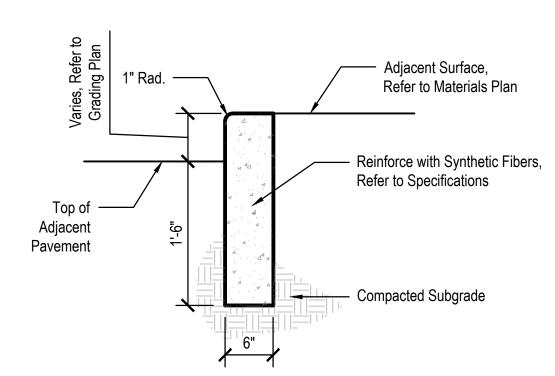
7 WHEEL STOP

Not to Scale



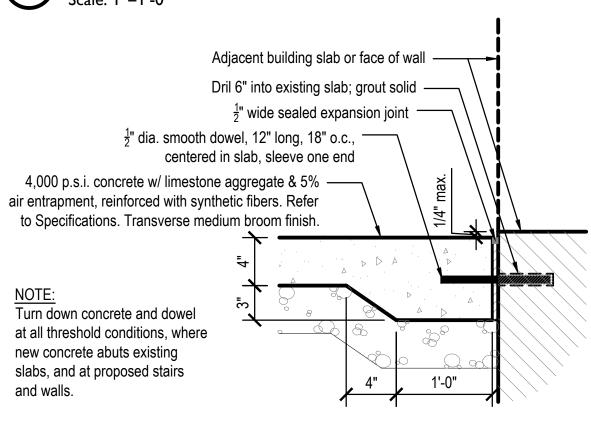
6 INTEGRAL CONCRETE CURB & WALK
Scale: 1"=1'-0"





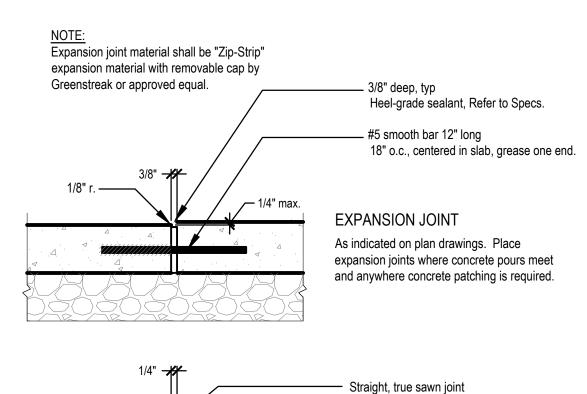
CONCRETE POST CURB

Scale: I"=1'-0"



DOWELS IN CONCRETE @ THRESHOLD

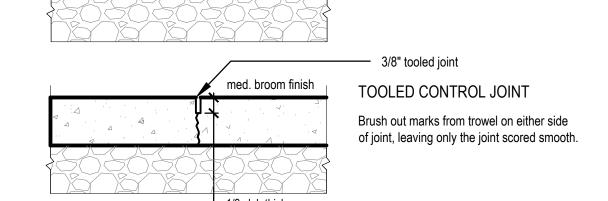
Scale: I"=1'-0"



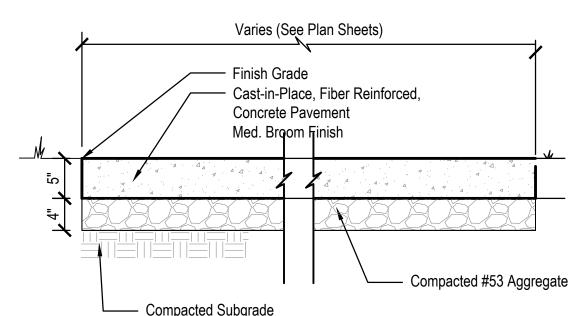
SAWN CONTROL JOINT

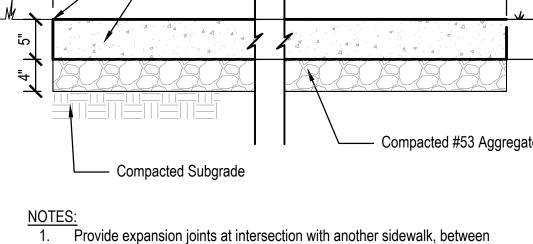
wall face in all applicable conditions.

As indicated on plan drawings. Continue to

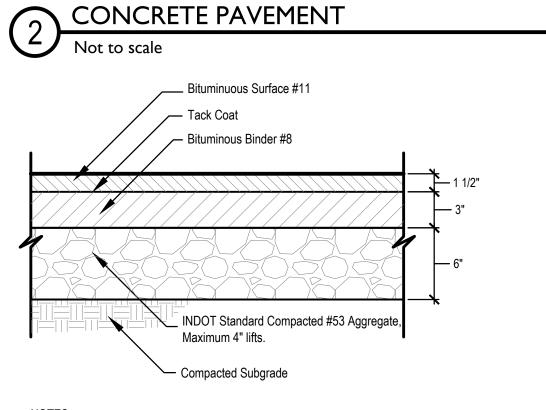


CONCRETE JOINTING





walks and building slabs, and at other points as indicated on the drawings. Refer to plan drawings for locations of control and expansion joints. 3. Cast-in-Place concrete pavement shall be a minimum of 4,000 PSI strength air-entrained mix.



NOTES:

1. Asphalt pavement materials and construction shall comply with current INDOT standard specifications.

STANDARD ASPHALT PAVEMENT
Not to Scale

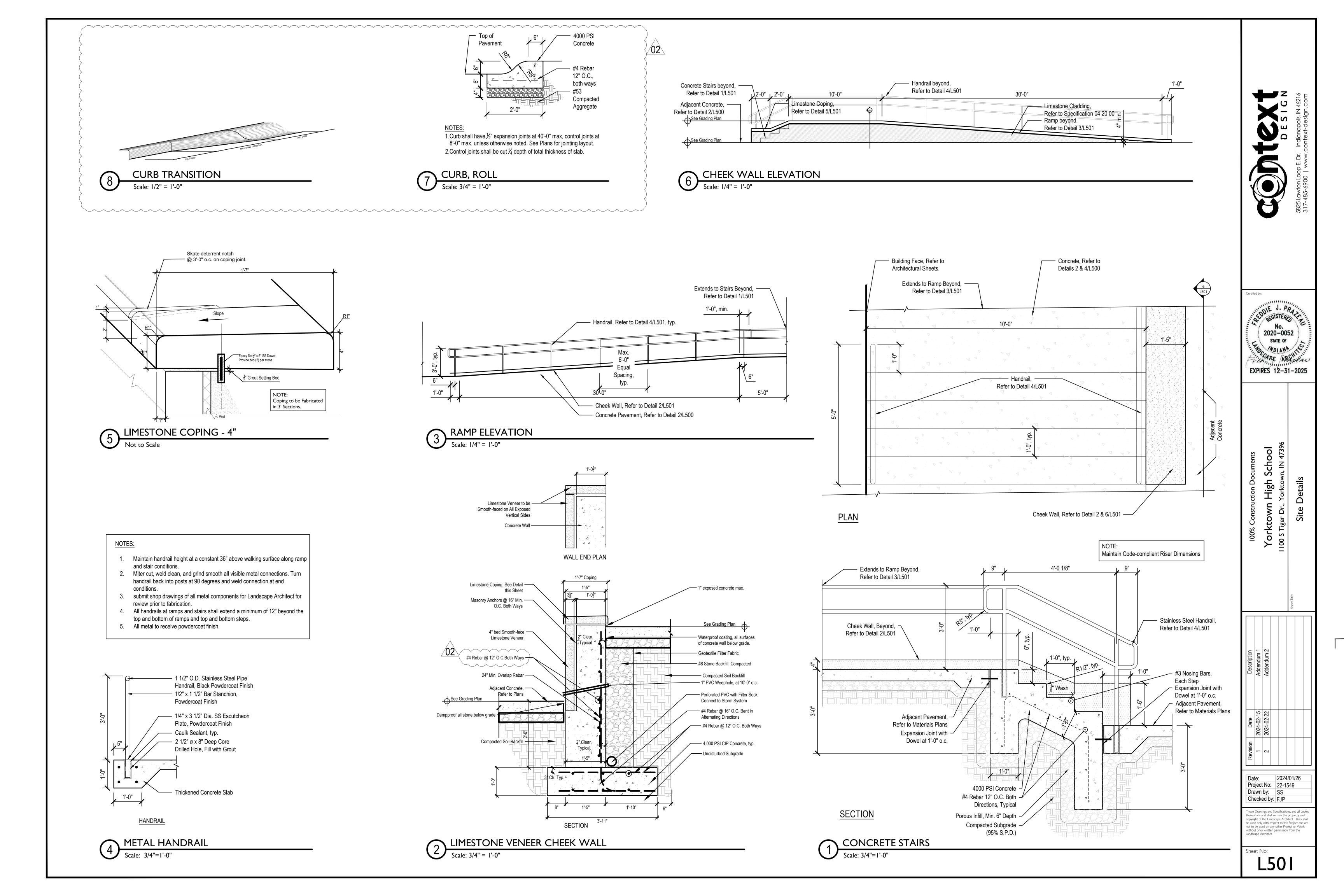
No. 2020-0052 STATE OF NOIANA ARE ARGUEN EXPIRES 12-31-2025

Yorktown High !

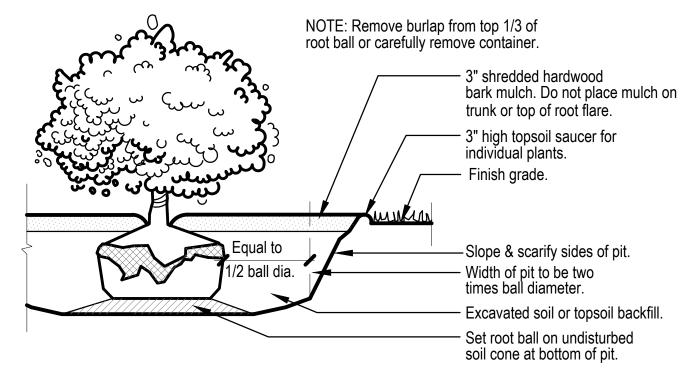
Date: 2024/01/2
Project No: 22-1549
Drawn by: SS
Checked by: FJP 2024/01/26

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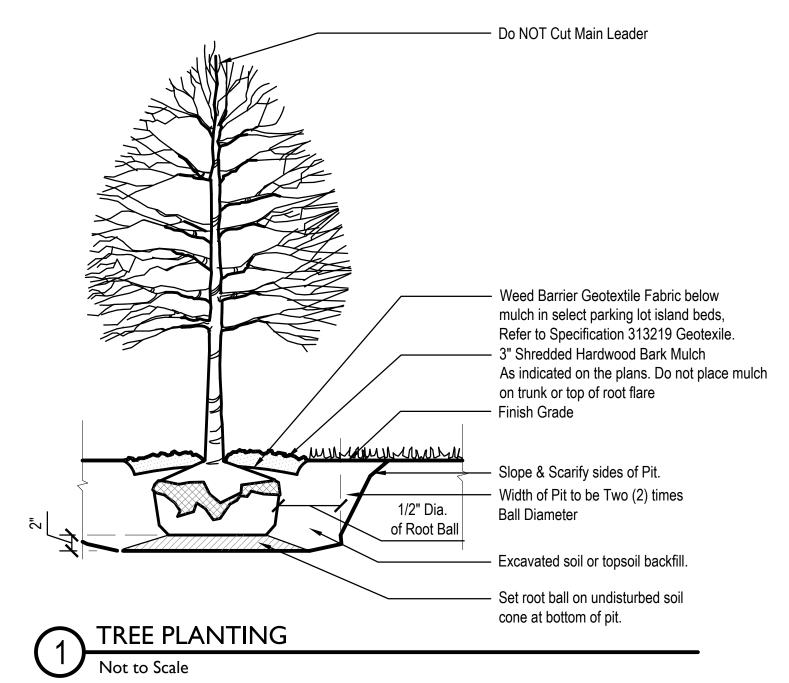
L500

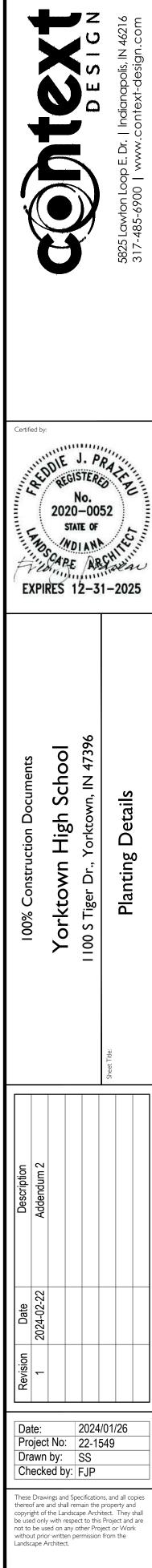


		CHEDULE		T		
CODE	QTY	BOTANICAL NAME	COMMON NAME	CONT	CAL	REMARKS
TREES						
Cer-c	1	Cercis canadensis	Eastern Redbud	B & B	8` ht.	multi-trunk, matched
CODE	QTY	BOTANICAL NAME	COMMON NAME	SIZE	HEIGHT	REMARKS
SHRUBS						
Cor-s	11	Cornus sericea `Cardinal`	Cardinal Red-twig Dogwood	container	24"	space @ 4`-0" o.c.
Hyd-q	9	Hydrangea quercifolia 'Alice'	Alice Oakleaf Hydrangea	container	24"	space @ 4`-0" o.c.
lle-v	13	llex verticillata `Red Sprite`	Red Sprite Winterberry	container	24"	space @ 4`-0" o.c., allow to mass; provide 1 Jim Dandy per 5 Red Sprites
Jun-v	41	Juniperus virginiana `Grey Owl`	Grey Owl Juniper	container	18" spread	space @ 3`-0" o.c., allow to
Rhu-a	15	Rhus aromatica `Gro-Low`	Gro-Low Fragrant Sumac	container	18" spread	space @ 4`-0" o.c., allow to mass

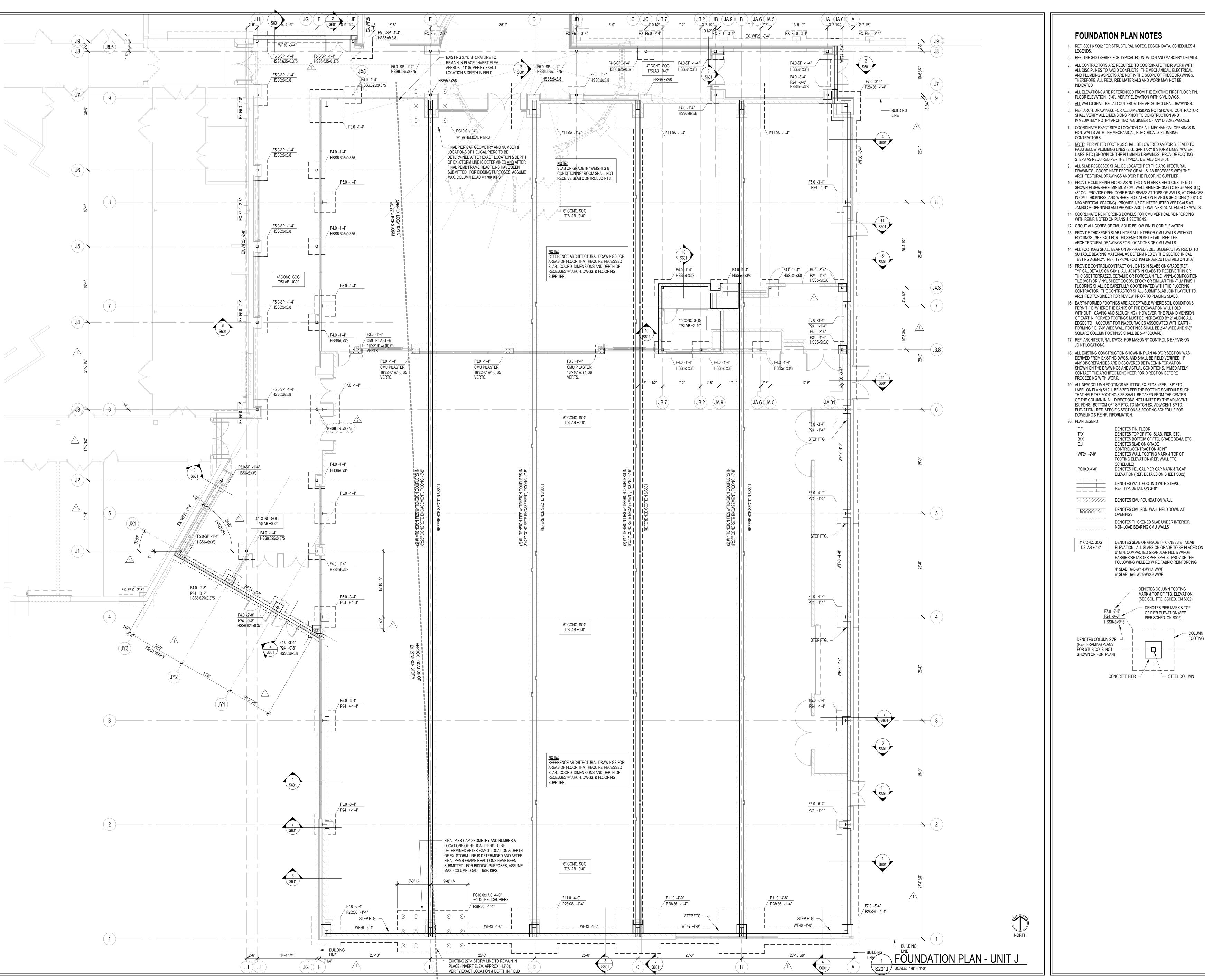


2 SHRUB PLANTING
Not to Scale





L600



### FOUNDATION PLAN NOTES

- 1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES &
- 2. REF. THE S400 SERIES FOR TYPICAL FOUNDATION AND MASONRY DETAILS. 3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH
- ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE
- 4. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". VERIFY ELEVATION WITH CIVIL DWGS. 5. <u>ALL</u> WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS. 6. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR
- SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES. 7. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FDN. WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING
- 8. NOTE: PERIMETER FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (E.G., SANITARY & STORM LINES, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S401.
- ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
- 10. PROVIDE CMU REINFORCING AS NOTED ON PLANS & SECTIONS. IF NOT SHOWN ELSEWHERE, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" OC. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES
- MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS. 11. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING
- WITH REINF. NOTED ON PLANS & SECTIONS. 12. GROUT ALL CORES OF CMU SOLID BELOW FIN. FLOOR ELEVATION.
- 13. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S401 FOR THICKENED SLAB DETAIL. REF. THE
- ARCHITECTURAL DRAWINGS FOR LOCATIONS OF CMU WALLS. 14. ALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D. TO SUITABLE BEARING MATERIAL AS DETERMINED BY THE GEOTECHNICAL TESTING AGENCY. REF. TYPICAL FOOTING UNDERCUT DETAILS ON S402.
- 15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. TYPICAL DETAILS ON S401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING
- CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS. 16. EARTH-FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (I.E. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING AND SLOUGHING). HOWEVER, THE PLAN DIMENSION OF EARTH- FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH-
- FORMING (I.E. 2'-0" WIDE WALL FOOTINGS SHALL BE 2'-4" WIDE AND 5'-0" SQUARE COLUMN FOOTINGS SHALL BE 5'-4" SQUARE). 17. REF. ARCHITECTURAL DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- 18. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DWGS. AND SHALL BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFORMATION SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS, IMMEDIATELY CONTACT THE ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH WORK.
- 19. ALL NEW COLUMN FOOTINGS ABUTTING EX. FTGS. (REF. '-SP' FTG. LABEL ON PLAN) SHALL BE SIZED PER THE FOOTING SCHEDULE SUCH THAT HALF THE FOOTING SIZE SHALL BE TAKEN FROM THE CENTER OF THE COLUMN IN ALL DIRECTIONS NOT LIMITED BY THE ADJACENT EX. FDNS. BOTTOM OF '-SP' FTG. TO MATCH EX. ADJACENT B/FTG. ELEVATION. REF. SPECIFIC SECTIONS & FOOTING SCHEDULE FOR DOWELING & REINF. INFORMATION.

DENOTES FIN. FLOOR DENOTES TOP OF FTG, SLAB, PIER, ETC. DENOTES BOTTOM OF FTG, GRADE BEAM, ETC. DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG DENOTES HELICAL PIER CAP MARK & T/CAP ELEVATION (REF. DETAILS ON SHEET S002)

DENOTES WALL FOOTING WITH STEPS. REF. TYP. DETAIL ON S401 -  $\bot$  -  $\bot$  -DENOTES CMU FOUNDATION WALL DENOTES CMU FDN. WALL HELD DOWN AT

DENOTES THICKENED SLAB UNDER INTERIOR NON-LOAD BEARING CMU WALLS

DENOTES SLAB ON GRADE THICKNESS & T/SLAB ELEVATION. ALL SLABS ON GRADE TO BE PLACED ON 6" MIN. COMPACTED GRANULAR FILL & VAPOR BARRIER/RETARDER PER SPECS. PROVIDE THE FOLLOWING WELDED WIRE FABRIC REINFORCING: 4" SLAB: 6x6-W1.4xW1.4 WWF 6" SLAB: 6x6-W2.9xW2.9 WWF

> DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE COL. FTG. SCHED. ON S002) - DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED. ON S002)

FOOTING DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COLS. NOT SHOWN ON FDN. PLAN) └── STEEL COLUMN CONCRETE PIER  $\, -\!\!\!/$ 

> ISSUE DATE | DRAWN BY | CHECKED BY 1/26/2024 MDL MDL

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the

quirements of the Contract.
On the basis of the general scope indicated or descri

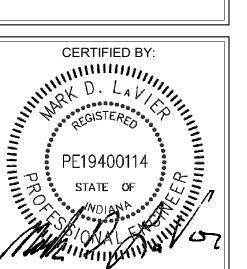
the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

Addendum #1 2/15/2024

Addendum #2 2/22/2024

DRAWING TITLE: FOUNDATION PLAN - UNIT J



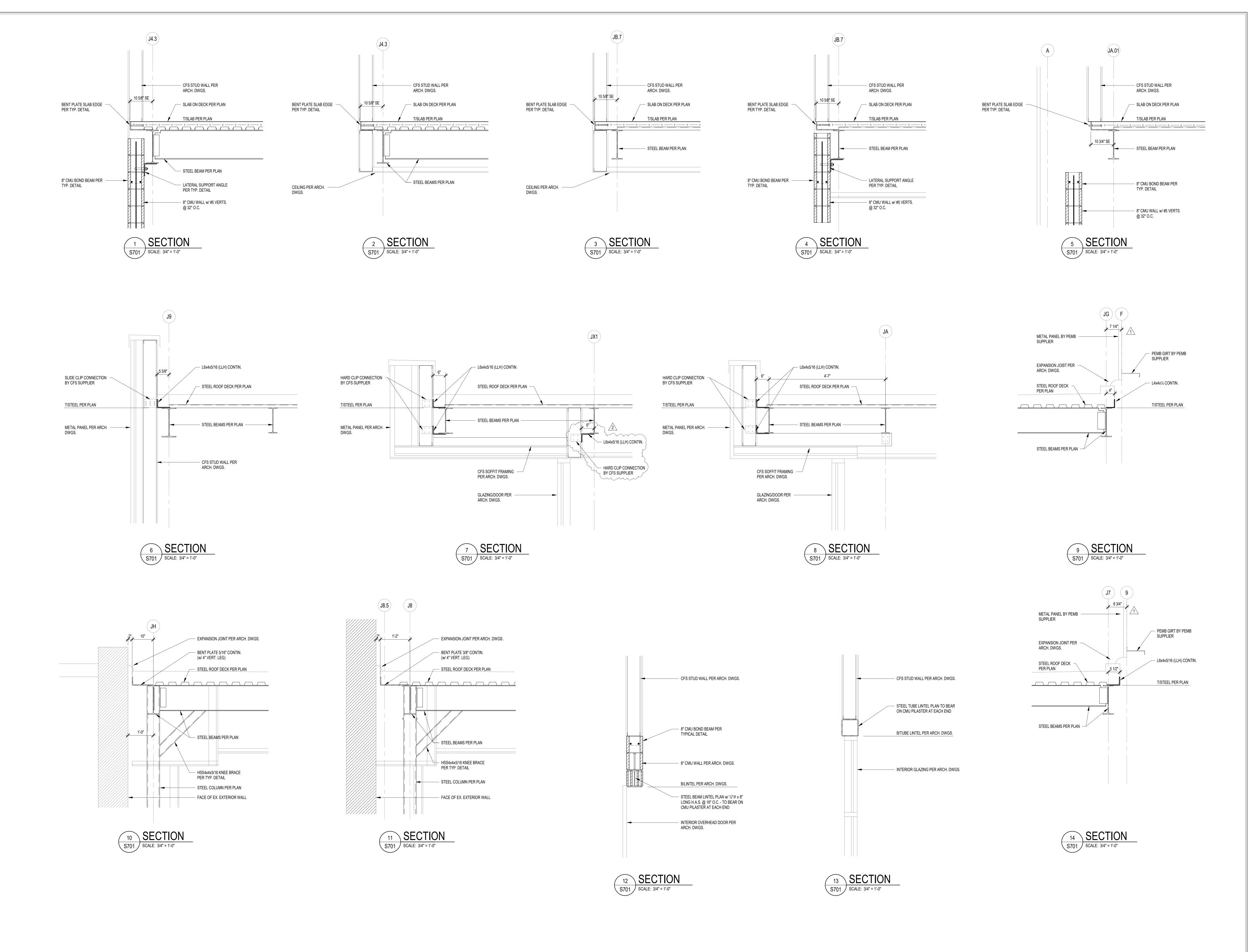
DRAWING NUMBER S201J

PROJECT NUMBER

2022016

1 2 2

S





S831 Keystone Crossing, Indianapolis, IN 46240

Eynch,
Harrison &
Harrison &
Brumleve,
Inc.
550 Virginia Avenue
F 317.423.1550
Indianapolis, IN 46203
F 317.423.1551
STRUCTURAL ENGINEERS

ADDITIONS AND RENNOVATIONS

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

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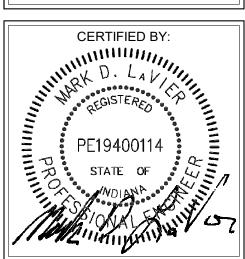
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

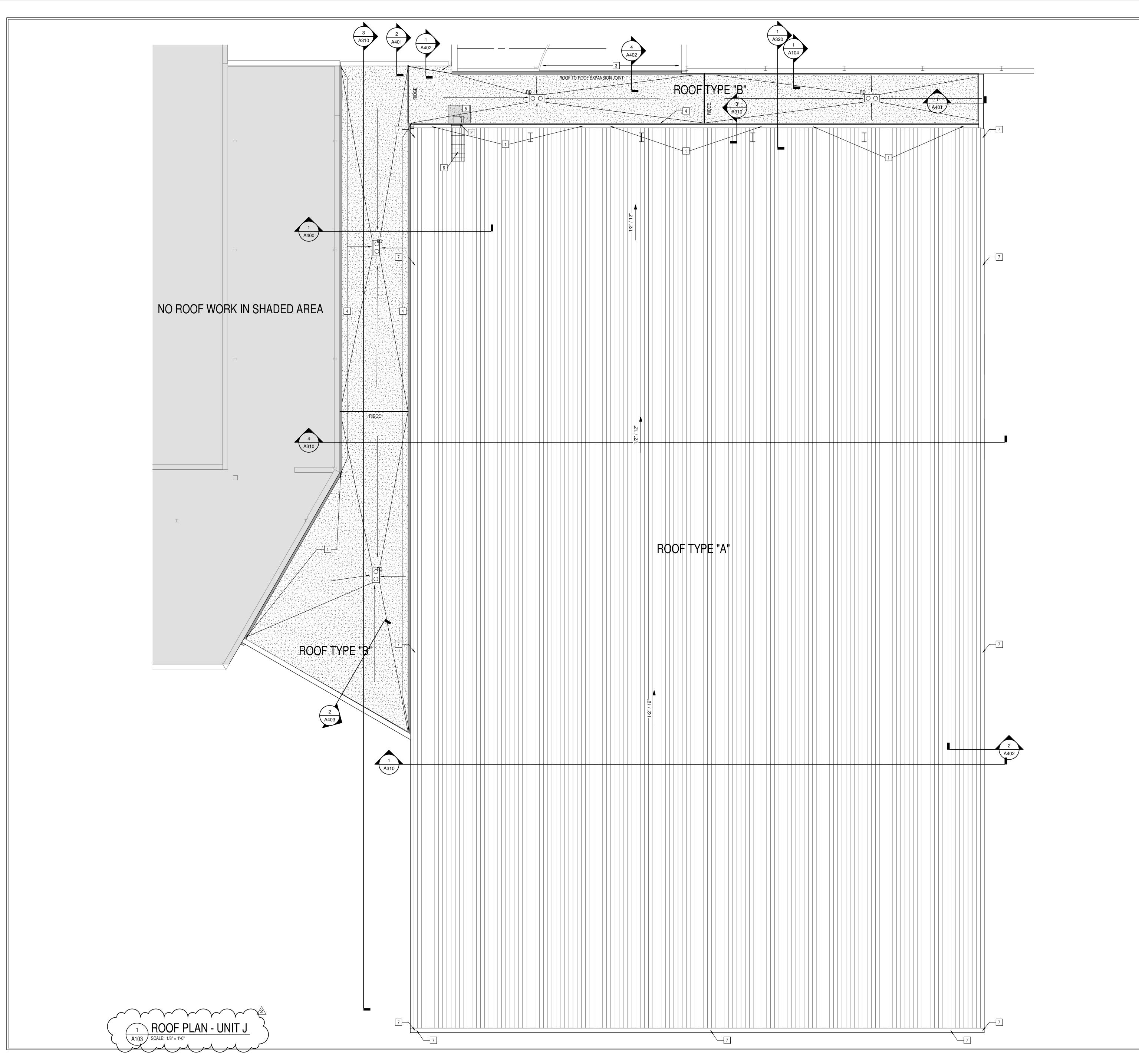
1 Addendum #1 2/15/2024
2 Addendum #2 2/22/2024

ISSUE DATE DRAWN BY CHECKED BY 1/26/2024 MDL MDL

FRAMING
SECTIONS AND
DETAILS



S701



### ROOF ABBREVIATIONS

DR DUCT THRU ROOF
DS METAL DOWNSPOUT
EF EXHAUST AN INTERPREDICT OF THE PROPERTY OF THE PROPERT

EJ EXPANSION JOINT
FS FLUE STACK; SEE MECHANICAL
GU METAL GUTTER
PV PLUMBING VENT

PV PLUMBING VENT
RAV RELIEF AIR VENT; SEE MECHANICAL
RH ROOF HATCH

### GENERAL ROOF NOTES

- ALL WORK SHALL BE IN ACCORDANCE WITH THE BEST QUALITY STANDARDS OF THE TRADE, AND SHALL CONFORM WITH THE LATEST EDITION OF ALL FEDERAL, STATE, AND LOCAL CODES AND STANDARDS. THE SAME ARE MADE A PART OF
- THESE CONTRACT DOCUMENTS, AS IF REPEATED HEREIN.

  2. CONTRACT DOCUMENTS CONSIST OF BOTH THE PROJECT MANUAL AND DRAWINGS, AND BOTH ARE INTENDED TO BE COMPLEMENTARY. ANYTHING APPEARING ON EITHER MUST BE EXECUTED THE SAME AS IF SHOWN ON BOTH.

  3. CONSTRUCTION DOCUMENTS SHALL BE FOLLOWED AS CLOSELY AS POSSIBLE,
- HOWEVER, SYSTEMS HAVE BEEN SHOWN DIAGRAMMATICALLY AND IN SOME CASES, ENLARGED FOR CLARITY. PROVIDE ADDITIONAL ITEMS AS REQUIRED TO PROVIDE A COMPLETE AND COORDINATED SYSTEM.

  4. CONTRACTOR SHALL PROVIDE ANY AND ALL TEMPORARY UTILITY SERVICE REQUIRED TO CONSTRUCT THE WORK. CONTRACTOR MAY EXTEND SERVICES
- FROM EXISTING LOCATIONS TO WHERE THEY ARE REQUIRED. REMOVE TEMPORARY UTILITIES AND RELATED EXTENSIONS AS SOON AS PRACTICABLE. RESTORE ALL AFFECTED AREAS TO ORIGINAL CONDITION.

  5. CONTRACTOR SHALL REMOVE CONSTRUCTION DEBRIS FROM THE BUILDING AND
- 6. STORE VOLATILE OR FLAMMABLE LIQUIDS IN UL LISTED FIRE CABINETS.
  7. CONTRACTOR SHALL BE SOLELY RESPONSIBLE FOR THE SECURITY OF ALL
- STORED MATERIALS AND EQUIPMENT INSIDE OR OUTSIDE THE BUILDING.

  8. CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM
  WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER
- 8. CONTRACTOR SHALL FURNISH NECESSARY TEMPORARY PROTECTION FROM
  WEATHER TO PROTECT INTERIOR OF BUILDING FROM ELEMENTS OF WEATHER AT
- 9. CONTRACTOR RESPONSIBLE FOR TRAFFIC PROTECTION DURING CONSTRUCTION. AREAS OF WORK SUBJECTED TO TRAFFIC BY VARIOUS TRADES SHALL BE PROTECTED BY TEMPORARY WALK PADS.
- SHALL BE PROTECTED BY TEMPORARY WALK PADS.

  10. PROVIDE TREATED WOOD BLOCKING EQUAL IN THICKNESS TO INSULATION SYSTEM AT ROOF PERIMETER AND AROUND ALL ROOF PENETRATIONS. ANCHOR
- PER SECTION I-49 OF THE FM GLOBAL LOSS PREVENTION GUIDE.

  11. EXTEND ALL PLUMBING VENTS TO PROVIDE A MIN. OF 12" OF HEIGHT FROM TOP OF INSULATION. ALL FITTINGS TO BE AIR AND WATER TIGHT. SEE PLUMBING
- 12. ROOF INSULATION SADDLES AND CRICKETS ARE DIAGRAMMATIC. ROOF INSULATION MANUFACTURER SHALL DESIGN AND SIZE THESE PER THE ROOF MEMBRANE MANUFACTURERS RECOMMENDATIONS. CRICKETS AND SADDLES SHOULD HAVE A MINIMUM OF TWO TIMES THE SLOPE OF THE PRIMARY TAPERED SYSTEM OR STRUCTURAL SLOPE. THE RATIO OF A CRICKET'S WIDTH TO LENGTH

PLANS FOR LOCATIONS.

- SHOULD BE NO LESS THAN 1 TO 3.

  13. PROVIDE SADDLES/CRICKETS AROUND ALL NEW ROOF TOP EQUIPMENT. SEE MECHANICAL, ELECTRICAL AND PLUMBING DRAWINGS FOR LOCATIONS OF ALL ROOF PENETRATIONS.

  14. PROVIDE TAPERED INSULATION WHERE REQUIRED TO TRANSITION FROM ONE
- INSULATION HEIGHT TO ANOTHER.

  15. NOTCH ALL INSULATION AS REQUIRED TO ACCOMMODATE SURFACE MOUNTED CONDUIT, FASTENERS, OFFSETS AND OTHER PROJECTIONS EXTENDING ABOVE THE SURFACE OF THE DECK.
- 16. PERIMETER EDGE METAL TO COMPLY WITH ANSI/SPRI ES-1 FM GLOBAL 1-49.
  17. SEE MECHANICAL, ELECTRICAL AND PLUMBING (MEP) SHEETS FOR ROOF TOP EQUIPMENT.
  18. INSPECT ALL WOOD BLOCKING SCHEDULED TO REMAIN NOTIFY ARCHITECT OF
- 18. INSPECT ALL WOOD BLOCKING SCHEDULED TO REMAIN. NOTIFY ARCHITECT OF ANY DETERIORATED BLOCKING NEEDING REPLACEMENT. CONTRACTOR TO REPLACE AND DAMAGED BLOCKING ON A TIME AND MATERIAL BASIS, SEE SPECIFICATIONS.
- 19. ALL ROOF DETAIL DRAWINGS CONTAINED IN THIS SET ARE DIAGRAMMATIC.
  ADJUST ROOF DETAILS BASED ON SPECIFIC ROOFING SYSTEM SELECTED
  ACCORDING TO MANUFACTURER'S WRITTEN SPECIFICATIONS AND APPROVED
  DETAIL DRAWINGS. ALL ASSEMBLY COMPLICATIONS SHOULD BE BROUGHT TO
  THE ATTENTION OF THE ARCHITECT.
- 20. THE ROOF CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, GUTTERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOF CONTRACTOR SHALL CLEAR ALL DRAINS, GUTTERS AND DOWNSPOUTS PRIOR TO COMPLETION OF WORK AND TO ENSURE THAT THEY ARE FREE OF DEBRIS AND
- FUNCTIONING PROPERLY.

  21. MECHANICAL, ELECTRICAL AND PLUMBING INFORMATION SHOWN ON THIS PLAN IS GENERAL IN NATURE. REFER TO P, M AND E DRAWINGS FOR FURTHER INFORMATION AND COORDINATE ALL REQUIRED ROOF OPENINGS OR ROOF MOUNTED EQUIPMENT.

### **ROOF PLAN NOTES**

- 1 8"x8" GUTTER MOUNTED TO PEMB, W/ (7) 3.75x4.75 DOWNSPOUTS AND PRECAST SPLASH BLOCKS, SEE SPEC 07 71 00
- WALL MOUNTED ROOF ACCESS LADDER, W/ CAGE AND FALL ARESTOR AND WALK THROUGH AT TOP AT THIS LOCATION, SEE SPEC 05 50 00
- 3 PROVIDE NEW TAPER INSULATION BACK TO EXISTING ROOF DRAIN
  AT THIS LOCATION AS NEEDED TO HAVE POSTIVE DRAINAGE AWAY
- AT THIS LOCATION AS NEEDED TO HAVE POSTIVE DRAINAGE AWAY FROM EXPANSION JOINT.

  4 ROOF EXPANSION JOINT.
- 5 PROVIDE 5'x5' ROOF WALKWAY AT BASE OF LADDER
   6 ROOF SAFTEY RAILING SYSTEM AND GATE, SEE 07 72 00

7 MANUFACTURED COPING ON PEMB PARAPET WALL

ROOFING TYPES SCHEDULE					
TYPE	LEGEND	DESCRIPTION			
TYPE "A"		STANDING SEAM METAL ROOF, BY PEMB			
TYPE "B"		CLASS "A" ROOFING MEMBRANE OVER TAPERED (1/4" MIN. PER FOOT SLOPE) POLYISO ROOFING INSULATION BOARD INSTALLED ONTO A LEVEL METAL ROOF DECK. PROVIDE A MIN. STARTING INSULATION THICKNESS OF 1 - 1/2".			
CRICKET/ SADDLE		ROOF SADDLE CREATED WITH TAPERED INSULATION. SLOPE 1/2" PER FOOT. CRICKETS AND SADDLES TO BE A MINIMUM WIDTH OF 1/2 THE SADDLE			

LENGTH.



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YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS

SCOPE DRAWINGS:

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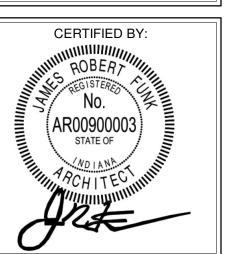
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REVISIONS: 2 ADDENDUM #2 02-22-24

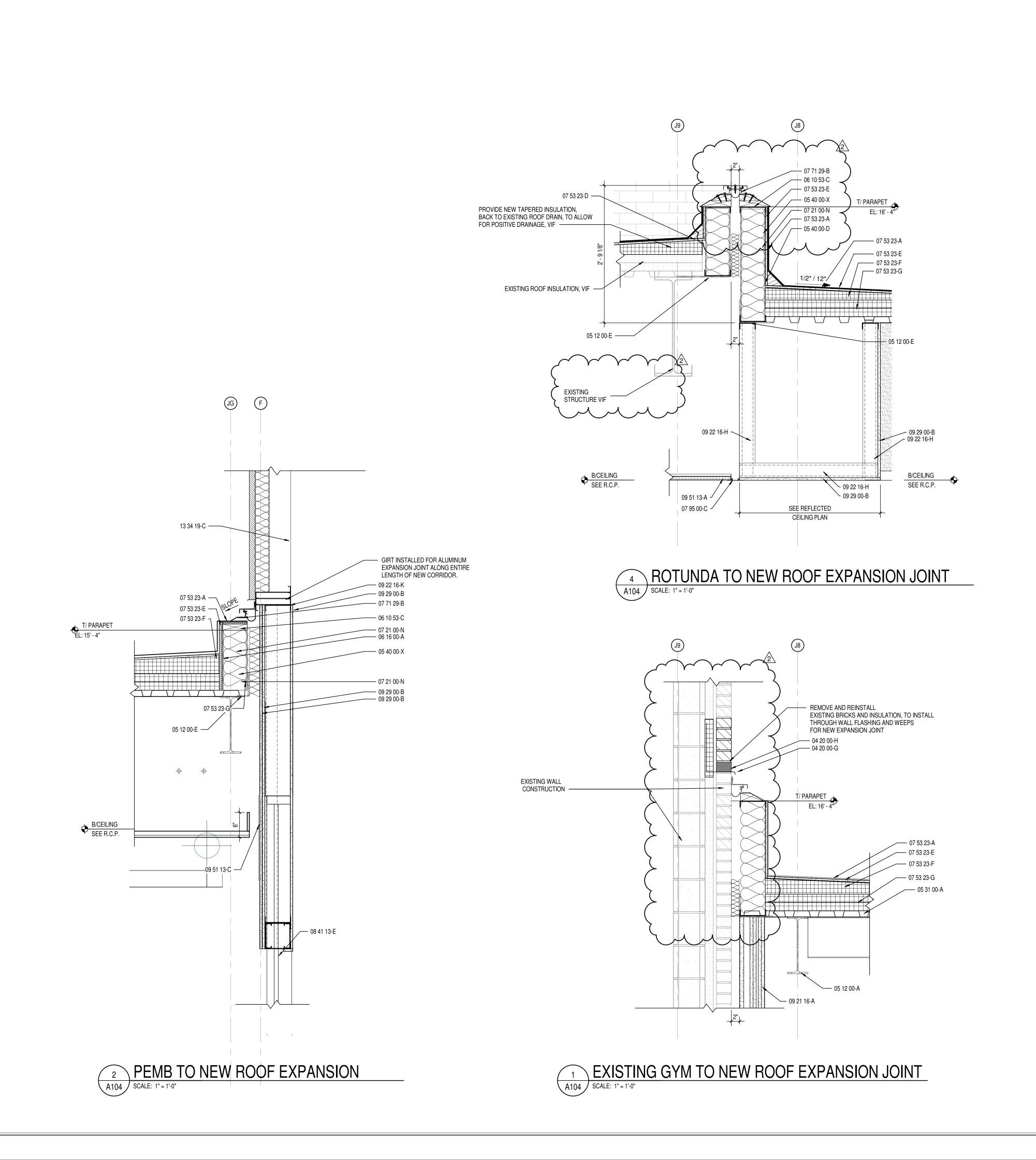
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1/26/2024 KMD EH

OOF PLAN -



A103



— 06 10 53-C

T/ MASONRY
EL: 15' - 4" 07 53 23-D

EXISTING EXTERIOR WALL,

3 WALL SECTION DETAIL
SCALE: 1" = 1'-0"

— 06 16 00-A

---- 07 53 23-G ── 05 31 00-A

── 05 12 00-E

- MAINTAIN 2" EXPANSION

T/ PARAPET EL: 15' - 4"

**B/CEILING** SEE R.C.P.

### KEYNOTE LEGEND

03 30 00-B

03 30 00-C

03 30 00-D

03 30 00-E

03 30 00-G

04 20 00-A

04 20 00-AA

04 20 00-C

04 20 00-G 04 20 00-H

04 20 00-J

04 20 00-K

04 20 00-L 04 20 00-N

04 20 00-P

04 20 00-Q

04 20 00-T

05 12 00-B

05 12 00-E

05 12 00-G

05 40 00-B

05 40 00-D

05 52 13-E

05 52 14-A

06 10 53-B

06 10 53-C

06 10 53-D

06 16 00-A

06 16 00-B 06 16 43-A

07 21 00-A

07 21 00-N

07 21 00-P

07 27 26-A

07 42 13-A

07 42 13-C

07 42 13-E

07 42 13-F

07 42 13-g

07 53 23-A

07 53 23-B

07 53 23-D

07 53 23-E

07 53 23-G

07 62 00-M

07 71 00-A

07 71 29-B

07 92 00-A

07 92 00-B 07 92 00-C

07 95 00-B

07 95 00-C

08 11 13-A

08 11 16-A

08 14 16-A

08 33 23-A

08 36 13-C

08 41 13-A 08 41 13-B

08 41 13-D

08 41 13-E 08 80 00-A

09 21 16-A

09 21 16-B

09 22 16-D

09 22 16-E

09 22 16-F

09 22 16-H

09 22 16-K 09 22 16-L

09 24 00-B

09 29 00-A

09 29 00-B

09 29 00-D

09 29 00-E

09 29 00-F

09 51 13-A

09 51 13-C

10 44 13-D

12 24 13-A

13 34 19-A

13 34 19-C

13 34 19-D

31 20 00-C

32 13 13-A

32 31 19-A

05 40 00-S 7/8 16 GA. FURRING (HAT) CHANNEL

1X WOOD BLOCKING

2X WOOD BLOCKING

05 40 00-X 6 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED. 05 51 19-A PREASSEMBLED STEEL STAIR WITH STEEL GRATING AND TREADS

3/4" EXTERIOR GRADE PLYWOOD ELECTRICAL OR TELEPHONE

3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8) WITH

MEMBRANE ROOFING - EXTEND OVER AND ATTACH TO FRONT FACE OF

EXTEND AND REPAIR EXISTING EPDM ROOF MEMBRANE FOR NEW

FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE

1-1/4" I.D. PAINTED STEEL PIPE RAILING

1-1/4" I.D. STAINLESS STEEL HANDRAIL

EQUIPMENT BACKING PANEL

3/4" EXTERIOR GRADE PLYWOOD 5/8" EXTERIOR GRADE PLYWOOD

5/8" EXTERIOR GYPSUM SHEATHING

MINERAL WOOL BATT INSULATION

PRE-FINISHED METAL WALL PANEL

METAL WALL PANEL - SOFFIT

FLASHING

ADDITION

1/2" COVER BOARD

TRIM

THERMALLY BROKEN Z-CLIPS @ 16"O.C.

THROUGH-WALL FLASHING AND DRIP EDGE

TAPERED POLYISO INSULATION BOARD

PRE-FINISHED METAL GUTTER

MANUFACTURED COPING

BACKER ROD AND SEALANT SEALANT EACH SIDE, TYPICAL

WALL EXPANSION JOINT COVER

ALUMINUM FLUSH DOOR

OVERHEAD COILING DOOR

FLUSH WOOD DOOR

7/8" FURRING CHANNEL

1 5/8" STEEL STUD

3 5/8" STEEL STUD

RESILIENT CHANNEL

METAL J- MOULD

SUSPENDED STEEL FRAMING

SOUND ATTENUATION INSULATION

1/4" GYPSUM WALL BOARD

6" STEEL STUD

1 1/2" FURRING CHANNEL

CEILING EXPANSION JOINT COVER

2 LAYERS OF 2" POLYISO INSULATION BOARD (R-26)

ALUMINUM ROOF EXPANSION JOINT ASSEMBLY

HOLLOW METAL DOOR/BORROWED LIGHT FRAME

SECTIONAL OVERHEAD DOOR- ALUMINUM

4 1/2" ALUMINUM-FRAMED STOREFRONT

6" ALUMINUM-FRAMED STOREFRONT

GLAZING - SEE SCHEDULE/ELEVATIONS

GYPSUM BOARD SHAFT WALL ASSEMBLIES

5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)

SUSPENDED GYPSUM BOARD CEILING ASSEMBLY

ACOUSTICAL CEILING SUSPENSION ASSEMBLY

DECORATIVE ACOUSTICAL CEILING EDGE TRIM

ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE

METAL BUILDING SYSTEMS INSULATION AND VAPOR BARRIER

RECESSED FIRE EXTINGUISHER CABINET

METAL BUILDING SYSTEMS STRUCTURE

ORNAMENTAL FENCE- SEE CIVIL SHEETS

METAL BUILDING SYSTEMS GIRT

DRAINING GRANULAR FILL

SIDEWALK- SEE CIVIL SHEETS

WIDE STYLE ALUMINUM ENTRANCE DOOR

ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME

GYPSUM BOARD SHAFT WALL ASSEMBLIES- 1" LINER PANEL

FULLY ADHERED EPDM MEMBRANE ROOFING

SLAB PERIMETER RIGID INSULATION (R-15 FOR 24") 07 21 00-K 3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)

CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL CONCRETE FOUNDATION- SEE STRUCTURAL CONCRETE FOOTING- SEE STRUCTURAL 1/2" EXPANSION MATERIAL **GROUT CORE SOLID** BOND BEAM MASONRY LINTEL MASONRY TIE 04 20 00-FF LIMESTONE TRIM THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE WEEP HOLES AT 16" O.C. VENTS AT 4'-0" O.C. 04 20 00-JJ STAINLESS STEEL ANCHOR CAVITY DRAINAGE MATERIAL 04 20 00-KK DAMP PROOFING AROUND ENTIRE LIMESTONE UNIT BRICK TYPE 1 4" CONCRETE MASONRY UNIT 6" CONCRETE MASONRY UNIT 8" CONCRETE MASONRY UNIT **BULLNOSE UNIT** 04 20 00-V BOND BEAM MASONRY UNIT 05 12 00-A STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL STEEL ANGLE- SEE STRUCTURAL STEEL BENT PLATE- SEE STRUCTURAL STEEL BEAM- SEE STRUCTURAL 05 12 00-H STEEL COLUMN- SEE STRUCTURAL 05 31 00-A METAL ROOF DECKING- SEE STRUCTURAL 05 31 00-B METAL FLOOR DECKING- SEE STRUCTURAL 05 40 00-A 2 1/2 18 GA. GALVANIZED STEEL STUD 3 5/8 16 GA. GALVANIZED STEEL STUD 6 16 GA. GALVANIZED STEEL STUD 05 40 00-FF CLIP ANGLE

S YORKTOWN HIGH ADDITIONS AND REN

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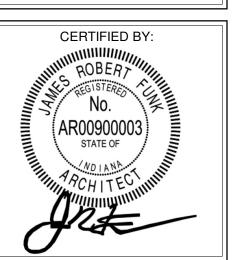
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ADDENDUM #2 02-22-24

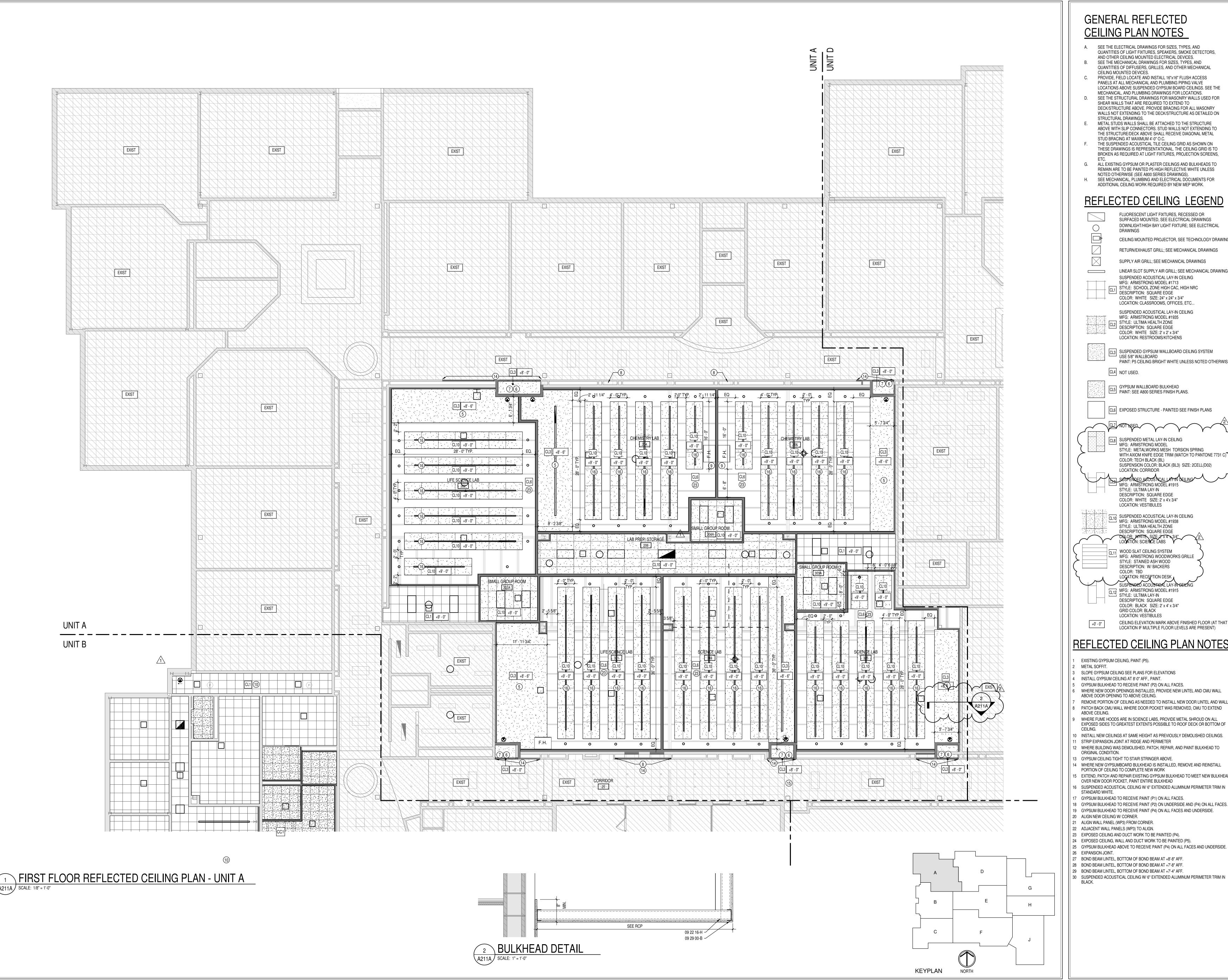
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ISSUE DATE | DRAWN BY | CHECKED BY 1/26/2024 KMD EH

DRAWING TITLE: ROOF DETAILS



DRAWING NUMBER A104



### GENERAL REFLECTED CEILING PLAN NOTES

A. SEE THE ELECTRICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF LIGHT FIXTURES. SPEAKERS, SMOKE DETECTORS. AND OTHER CEILING MOUNTED ELECTRICAL DEVICES.

B. SEE THE MECHANICAL DRAWINGS FOR SIZES, TYPES, AND QUANTITIES OF DIFFUSERS, GRILLES, AND OTHER MECHANICAL CEILING MOUNTED DEVICES.

PROVIDE, FIELD LOCATE AND INSTALL 16"x16" FLUSH ACCESS PANELS AT ALL MECHANICAL AND PLUMBING PIPING VALVE LOCATIONS ABOVE SUSPENDED GYPSUM BOARD CEILINGS. SEE THE MECHANICAL, AND PLUMBING DRAWINGS FOR LOCATIONS. D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO

DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO

THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL STUD BRACING AT MAXIMUM 4'-0" O.C. F. THE SUSPENDED ACOUSTICAL TILE CEILING GRID AS SHOWN ON THESE DRAWINGS IS REPRESENTATIONAL. THE CEILING GRID IS TO

BROKEN AS REQUIRED AT LIGHT FIXTURES, PROJECTION SCREENS, G. ALL EXISTING GYPSUM OR PLASTER CEILINGS AND BULKHEADS TO REMAIN ARE TO BE PAINTED P5 HIGH REFLECTIVE WHITE UNLESS

### REFLECTED CEILING LEGEND

FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACED MOUNTED, SEE ELECTRICAL DRAWINGS DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL

CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DRAWINGS RETURN/EXHAUST GRILL; SEE MECHANICAL DRAWINGS

SUPPLY AIR GRILL; SEE MECHANICAL DRAWINGS LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DRAWINGS SUSPENDED ACOUSTICAL LAY-IN CEILING MFG: ARMSTRONG MODEL #1713

STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC DESCRIPTION: SQUARE EDGE COLOR: WHITE SIZE: 24" x 24" x 3/4" LOCATION: CLASSROOMS, OFFICES, ETC.. SUSPENDED ACOUSTICAL LAY-IN CEILING

MFG: ARMSTRONG MODEL #1935

STYLE: ULTIMA HEALTH ZONE DESCRIPTION: SQUARE EDGE COLOR: WHITE SIZE: 2' x 2' x 3/4" LOCATION: RESTROOMS/KITCHENS CL3 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM USE 5/8" WALLBOARD

> CL4 NOT USED. GYPSUM WALLBOARD BULKHEAD PAINT: SEE A800 SERIES FINISH PLANS.

|CL6| EXPOSED STRUCTURE - PAINTED SEE FINISH PLANS

MFG: ARMSTRONG MODEL

PAINT: P5 CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.

STYLE: METALWORKS MESH TORSION SPRING WITH AXIOM KNIFE EDGE TRIM (MATCH TO PANTONE 7731 C) COLOR: TECH BLACK (BL) SUSPENSION COLOR: BLACK (BL3) SIZE: 2CELL(D02) LOCATION: CORRIDOR SUSPENDED ACOUSTICAL LAY-IN DEILING MFG: ARMSTRONG MODEL #1915 STYLE: ULTIMA LAY-IN

DESCRIPTION: SQUARE EDGE COLOR: WHITE SIZE: 2' x 4'x 3/4" LOCATION: VESTIBULES CL10 SUSPENDED ACOUSTICAL LAY-IN CEILING MFG: ARMSTRONG MODEL #1938

STYLE: ULTIMA HEALTH ZONE DESCRIPTION: SQUARE EDGE MFG: ARMSTRONG WOODWORKS GRILLE

STYLE: STAINED ASH WOOD DESCRIPTION: W/ BACKERS COLOR: TBD LOCATION: RECEPTION DESK MFG: ARMSTRONG MODEL #1915 STYLE: ULTIMA LAY-IN DESCRIPTION: SQUARE EDGE

COLOR: BLACK SIZE: 2' x 4' x 3/4" GRID COLOR: BLACK LOCATION: VESTIBULES CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

# REFLECTED CEILING PLAN NOTES

EXISTING GYPSUM CEILING, PAINT (P5).

METAL SOFFIT. SLOPE GYPSUM CEILING SEE PLANS FOR ELEVATIONS

INSTALL GYPSUM CEILING AT 8'-0" AFF., PAINT. GYPSUM BULKHEAD TO RECEIVE PAINT (P2) ON ALL FACES.

WHERE NEW DOOR OPENINGS INSTALLED, PROVIDE NEW LINTEL AND CMU WALL ABOVE DOOR OPENING TO ABOVE CEILING. REMOVE PORTION OF CEILING AS NEEDED TO INSTALL NEW DOOR LINTEL AND WALL.

PATCH BACK CMU WALL WHERE DOOR POCKET WAS REMOVED, CMU TO EXTEND ABOVE CEILING. WHERE FUME HOODS ARE IN SCIENCE LABS, PROVIDE METAL SHROUD ON ALL

EXPOSED SIDES TO GREATEST EXTENTS POSSIBLE TO ROOF DECK OR BOTTOM OF 0 INSTALL NEW CEILINGS AT SAME HEIGHT AS PREVIOUSLY DEMOLISHED CEILINGS.

STRIP EXPANSION JOINT AT RIDGE AND PERIMETER 2 WHERE BUILDING WAS DEMOLISHED, PATCH, REPAIR, AND PAINT BULKHEAD TO ORIGINAL CONDITION.

14 WHERE NEW GYPSUMBOARD BULKHEAD IS INSTALLED, REMOVE AND REINSTALL PORTION OF CEILING TO COMPLETE NEW WORK EXTEND, PATCH AND REPAIR EXISTING GYPSUM BULKHEAD TO MEET NEW BULKHEAD OVER NEW DOOR POCKET, PAINT ENTIRE BULKHEAD

GYPSUM BULKHEAD TO RECEIVE PAINT (P1) ON ALL FACES. 18 GYPSUM BULKHEAD TO RECEIVE PAINT (P2) ON UNDERSIDE AND (P4) ON ALL FACES.

19 GYPSUM BULKHEAD TO RECEIVE PAINT (P4) ON ALL FACES AND UNDERSIDE. 20 ALIGN NEW CEILING W/ CORNER.

21 ALIGN WALL PANEL (WP3) FROM CORNER.

23 EXPOSED CEILING AND DUCT WORK TO BE PAINTED (P4). 24 EXPOSED CEILING, WALL AND DUCT WORK TO BE PAINTED (P5).

25 GYPSUM BULKHEAD ABOVE TO RECEIVE PAINT (P4) ON ALL FACES AND UNDERSIDE. 26 EXPANSION JOINT.

27 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF.

28 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +7'-8" AFF.

29 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +7'-4" AFF. 30 SUSPENDED ACOUSTICAL CEILING W/ 6" EXTENDED ALUMINUM PERIMETER TRIM IN



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work required for full performance and completion of the requirements of the Contract.

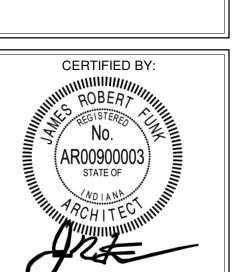
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SCOPE DRAWINGS:

ISSUE DATE | DRAWN BY | CHECKED BY

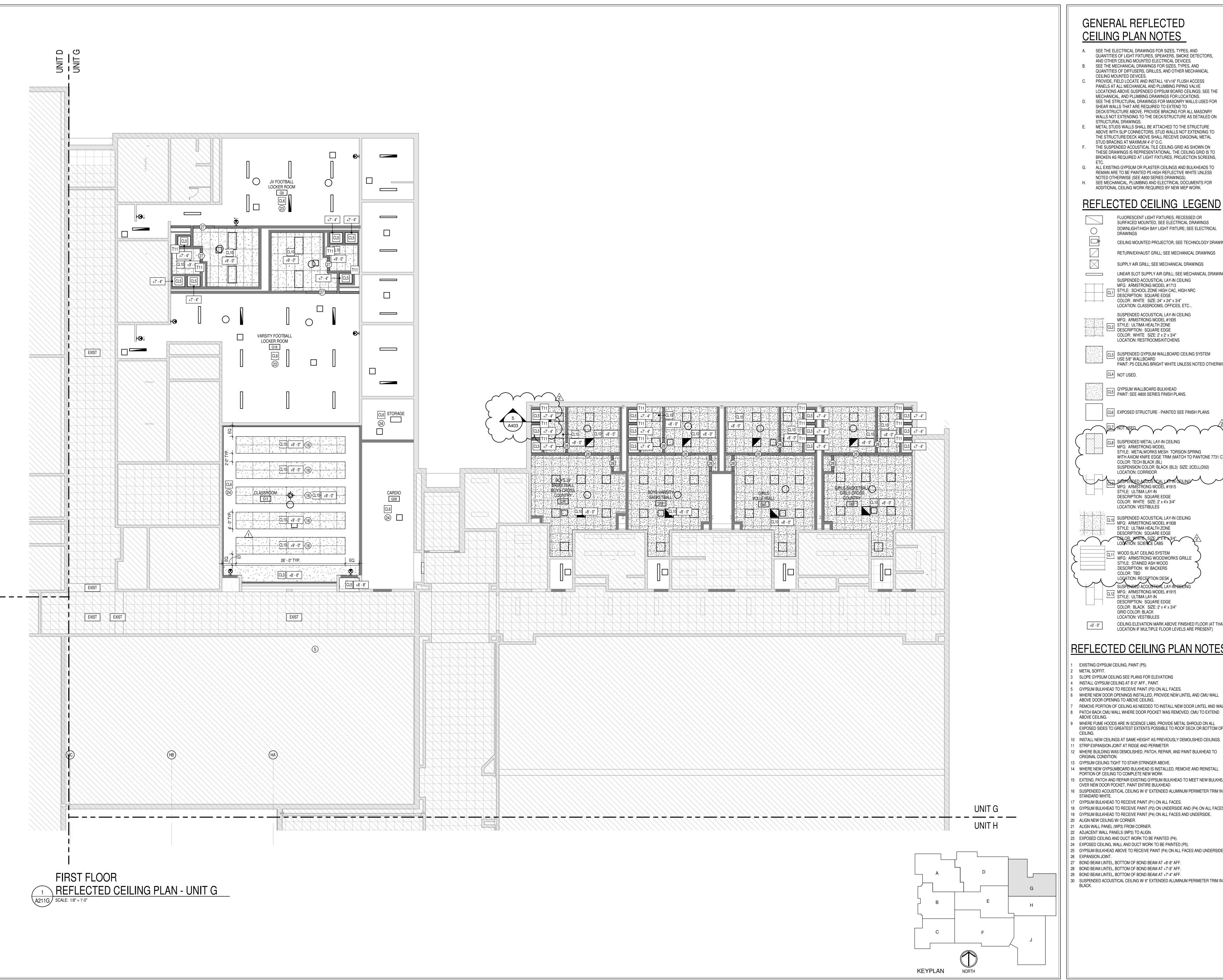
DRAWING TITLE: FIRST FLOOR REFLECTED CEILING PLAN -

1/26/2024 KMD EH



DRAWING NUMBER PROJECT NUMBER

2022016



### GENERAL REFLECTED CEILING PLAN NOTES

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WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS. METAL STUDS WALLS SHALL BE ATTACHED TO THE STRUCTURE ABOVE WITH SLIP CONNECTORS. STUD WALLS NOT EXTENDING TO THE STRUCTURE/DECK ABOVE SHALL RECEIVE DIAGONAL METAL

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G. ALL EXISTING GYPSUM OR PLASTER CEILINGS AND BULKHEADS TO REMAIN ARE TO BE PAINTED P5 HIGH REFLECTIVE WHITE UNLESS NOTED OTHERWISE (SEE A800 SERIES DRAWINGS). H. SEE MECHANICAL, PLUMBING AND ELECTRICAL DOCUMENTS FOR ADDITIONAL CEILING WORK REQUIRED BY NEW MEP WORK.

### REFLECTED CEILING LEGEND

FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACED MOUNTED, SEE ELECTRICAL DRAWINGS DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DRAWINGS

> RETURN/EXHAUST GRILL; SEE MECHANICAL DRAWINGS SUPPLY AIR GRILL; SEE MECHANICAL DRAWINGS LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DRAWINGS

MFG: ARMSTRONG MODEL #1713 STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC DESCRIPTION: SQUARE EDGE COLOR: WHITE SIZE: 24" x 24" x 3/4" LOCATION: CLASSROOMS, OFFICES, ETC..

SUSPENDED ACOUSTICAL LAY-IN CEILING

SUSPENDED ACOUSTICAL LAY-IN CEILING MFG: ARMSTRONG MODEL #1935 STYLE: ULTIMA HEALTH ZONE DESCRIPTION: SQUARE EDGE COLOR: WHITE SIZE: 2' x 2' x 3/4" LOCATION: RESTROOMS/KITCHENS

CL3 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM USE 5/8" WALLBOARD PAINT: P5 CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE. CL4 NOT USED.

GYPSUM WALLBOARD BULKHEAD PAINT: SEE A800 SERIES FINISH PLANS.

CL6 EXPOSED STRUCTURE - PAINTED SEE FINISH PLANS

MFG: ARMSTRONG MODEL STYLE: METALWORKS MESH TORSION SPRING WITH AXIOM KNIFE EDGE TRIM (MATCH TO PANTONE 7731 C) COLOR: TECH BLACK (BL) SUSPENSION COLOR: BLACK (BL3) SIZE: 2CELL(D02) LOCATION: CORRIDOR SUSPENDED ACOUSTICAL LAY-IN DEILING

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GRID COLOR: BLACK LOCATION: VESTIBULES CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT

## REFLECTED CEILING PLAN NOTES

LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

EXISTING GYPSUM CEILING, PAINT (P5).

INSTALL GYPSUM CEILING AT 8'-0" AFF., PAINT. GYPSUM BULKHEAD TO RECEIVE PAINT (P2) ON ALL FACES.

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WHERE FUME HOODS ARE IN SCIENCE LABS, PROVIDE METAL SHROUD ON ALL EXPOSED SIDES TO GREATEST EXTENTS POSSIBLE TO ROOF DECK OR BOTTOM OF

10 INSTALL NEW CEILINGS AT SAME HEIGHT AS PREVIOUSLY DEMOLISHED CEILINGS. STRIP EXPANSION JOINT AT RIDGE AND PERIMETER

12 WHERE BUILDING WAS DEMOLISHED, PATCH, REPAIR, AND PAINT BULKHEAD TO ORIGINAL CONDITION. 13 GYPSUM CEILING TIGHT TO STAIR STRINGER ABOVE.

PORTION OF CEILING TO COMPLETE NEW WORK 5 EXTEND, PATCH AND REPAIR EXISTING GYPSUM BULKHEAD TO MEET NEW BULKHEAD OVER NEW DOOR POCKET, PAINT ENTIRE BULKHEAD 16 SUSPENDED ACOUSTICAL CEILING W/6" EXTENDED ALUMINUM PERIMETER TRIM IN

STANDARD WHITE. 7 GYPSUM BULKHEAD TO RECEIVE PAINT (P1) ON ALL FACES.

18 GYPSUM BULKHEAD TO RECEIVE PAINT (P2) ON UNDERSIDE AND (P4) ON ALL FACES. 19 GYPSUM BULKHEAD TO RECEIVE PAINT (P4) ON ALL FACES AND UNDERSIDE. 20 ALIGN NEW CEILING W/ CORNER.

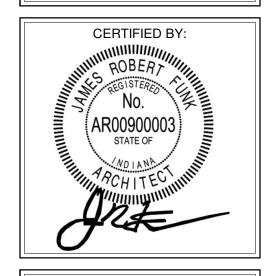
21 ALIGN WALL PANEL (WP3) FROM CORNER. 22 ADJACENT WALL PANELS (WP3) TO ALIGN.

23 EXPOSED CEILING AND DUCT WORK TO BE PAINTED (P4). 24 EXPOSED CEILING, WALL AND DUCT WORK TO BE PAINTED (P5).

25 GYPSUM BULKHEAD ABOVE TO RECEIVE PAINT (P4) ON ALL FACES AND UNDERSIDE. 26 EXPANSION JOINT. 27 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF.

28 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +7'-8" AFF. 29 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +7'-4" AFF.

30 SUSPENDED ACOUSTICAL CEILING W/6" EXTENDED ALUMINUM PERIMETER TRIM IN



S

YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATION

SCOPE DRAWINGS:

the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

ISSUE DATE | DRAWN BY | CHECKED BY

DRAWING TITLE:

FIRST FLOOR

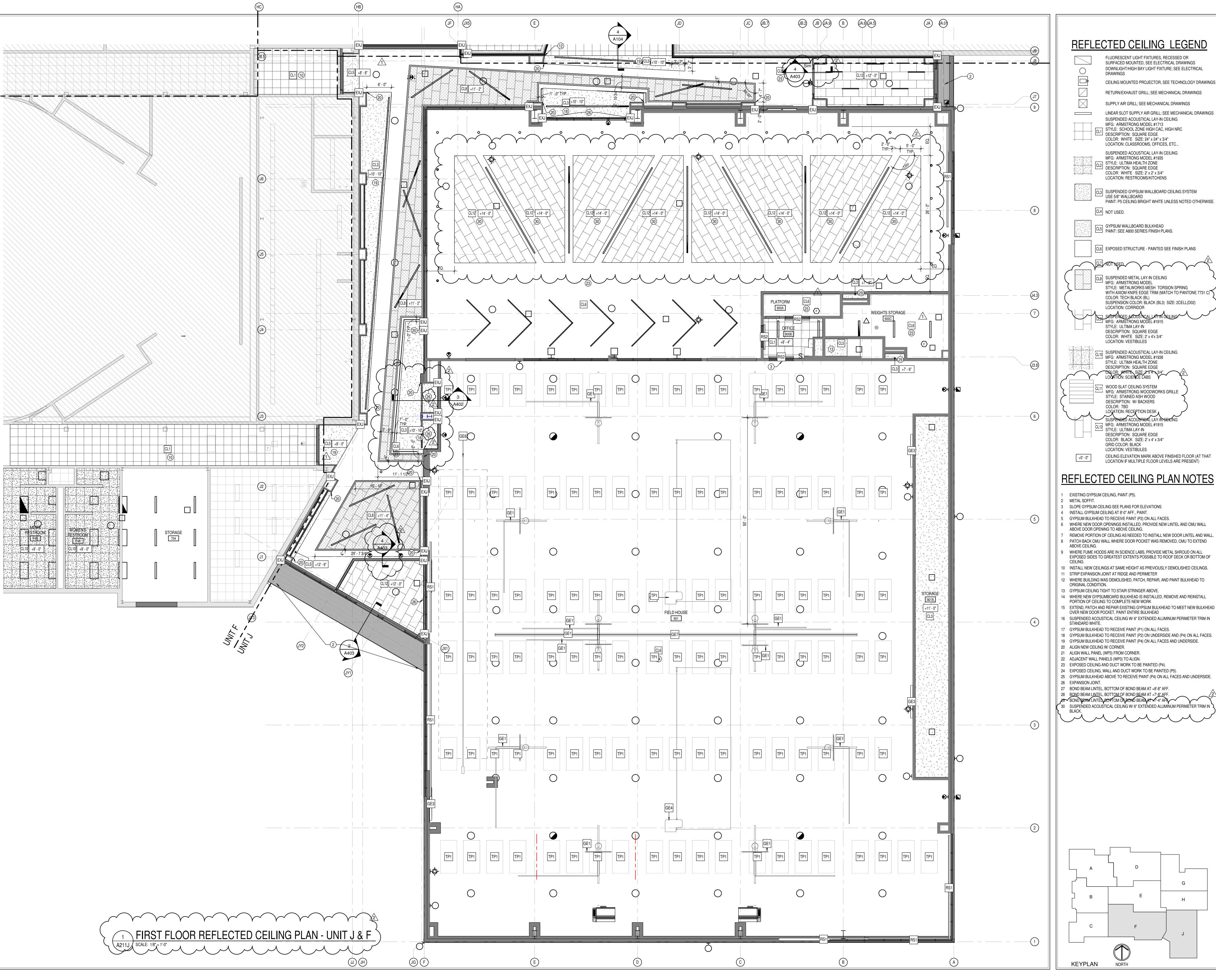
REFLECTED

**CEILING PLAN** 

1/26/2024 KMD

ADDENDUM #1 02-15-24 ADDENDUM #2 02-22-24

DRAWING NUMBER A211G





FLUORESCENT LIGHT FIXTURES, RECESSED OR

SURFACED MOUNTED, SEE ELECTRICAL DRAWINGS DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL

CEILING MOUNTED PROJECTOR, SEE TECHNOLOGY DRAWINGS RETURN/EXHAUST GRILL; SEE MECHANICAL DRAWINGS

SUPPLY AIR GRILL; SEE MECHANICAL DRAWINGS LINEAR SLOT SUPPLY AIR GRILL; SEE MECHANICAL DRAWINGS SUSPENDED ACOUSTICAL LAY-IN CEILING

MFG: ARMSTRONG MODEL #1713 STYLE: SCHOOL ZONE HIGH CAC, HIGH NRC DESCRIPTION: SQUARE EDGE COLOR: WHITE SIZE: 24" x 24" x 3/4" LOCATION: CLASSROOMS, OFFICES, ETC.. SUSPENDED ACOUSTICAL LAY-IN CEILING

MFG: ARMSTRONG MODEL #1935 STYLE: ULTIMA HEALTH ZONE DESCRIPTION: SQUARE EDGE

COLOR: WHITE SIZE: 2' x 2' x 3/4" LOCATION: RESTROOMS/KITCHENS CL3 SUSPENDED GYPSUM WALLBOARD CEILING SYSTEM USE 5/8" WALLBOARD PAINT: P5 CEILING BRIGHT WHITE UNLESS NOTED OTHERWISE.

CL4 NOT USED. GYPSUM WALLBOARD BULKHEAD PAINT: SEE A800 SERIES FINISH PLANS.

CL6 EXPOSED STRUCTURE - PAINTED SEE FINISH PLANS

CL8 SUSPENDED METAL LAY-IN CEILING MFG: ARMSTRONG MODEL STYLE: METALWORKS MESH TORSION SPRING WITH AXIOM KNIFE EDGE TRIM (MATCH TO PANTONE 7731 C) COLOR: TECH BLACK (BL) SUSPENSION COLOR: BLACK (BL3) SIZE: 2CELL(D02) LOCATION: CORRIDOR

MFG: ARMSTRONG MODEL #1915 STYLE: ULTIMA LAY-IN DESCRIPTION: SQUARE EDGE COLOR: WHITE SIZE: 2' x 4'x 3/4" LOCATION: VESTIBULES SUSPENDED ACOUSTICAL LAY-IN CEILING

MFG: ARMSTRONG MODEL #1938 STYLE: ULTIMA HEALTH ZONE DESCRIPTION: SQUARE EDGE COLOR: WHITE SIZE: 2 X 4 X 3/4" 2
LOCATION: SCIENCE LABS WOOD SLAT CEILING SYSTEM ☐ MFG: ARMSTRONG WOODWORKS GRILLE STYLE: STAINED ASH WOOD DESCRIPTION: W/ BACKERS COLOR: TBD DL12 MFG: ARMSTRONG MODEL #1915 STYLE: ULTIMA LAY-IN

DESCRIPTION: SQUARE EDGE COLOR: BLACK SIZE: 2' x 4' x 3/4" GRID COLOR: BLACK LOCATION: VESTIBULES CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT

# LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

EXISTING GYPSUM CEILING, PAINT (P5).

SLOPE GYPSUM CEILING SEE PLANS FOR ELEVATIONS INSTALL GYPSUM CEILING AT 8'-0" AFF., PAINT.

GYPSUM BULKHEAD TO RECEIVE PAINT (P2) ON ALL FACES. WHERE NEW DOOR OPENINGS INSTALLED, PROVIDE NEW LINTEL AND CMU WALL ABOVE DOOR OPENING TO ABOVE CEILING.

REMOVE PORTION OF CEILING AS NEEDED TO INSTALL NEW DOOR LINTEL AND WALL. PATCH BACK CMU WALL WHERE DOOR POCKET WAS REMOVED, CMU TO EXTEND

WHERE FUME HOODS ARE IN SCIENCE LABS, PROVIDE METAL SHROUD ON ALL EXPOSED SIDES TO GREATEST EXTENTS POSSIBLE TO ROOF DECK OR BOTTOM OF

10 INSTALL NEW CEILINGS AT SAME HEIGHT AS PREVIOUSLY DEMOLISHED CEILINGS. STRIP EXPANSION JOINT AT RIDGE AND PERIMETER 12 WHERE BUILDING WAS DEMOLISHED, PATCH, REPAIR, AND PAINT BULKHEAD TO

ORIGINAL CONDITION. 13 GYPSUM CEILING TIGHT TO STAIR STRINGER ABOVE. 14 WHERE NEW GYPSUMBOARD BULKHEAD IS INSTALLED, REMOVE AND REINSTALL PORTION OF CEILING TO COMPLETE NEW WORK

OVER NEW DOOR POCKET, PAINT ENTIRE BULKHEAD 16 SUSPENDED ACOUSTICAL CEILING W/ 6" EXTENDED ALUMINUM PERIMETER TRIM IN STANDARD WHITE.

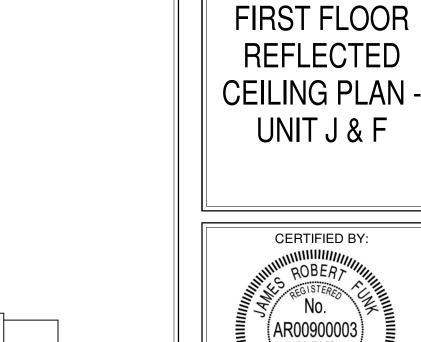
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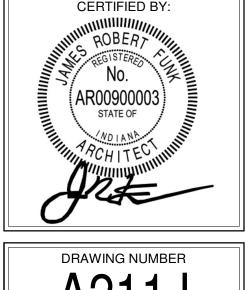
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27 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF.

28 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +7'-8" AFF. 30 SUSPENDED ACOUSTICAL CEILING W/ 6" EXTENDED ALUMINUM PERIMETER TRIM IN





PROJECT NUMBER

2022016

S YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATION

SCOPE DRAWINGS: These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

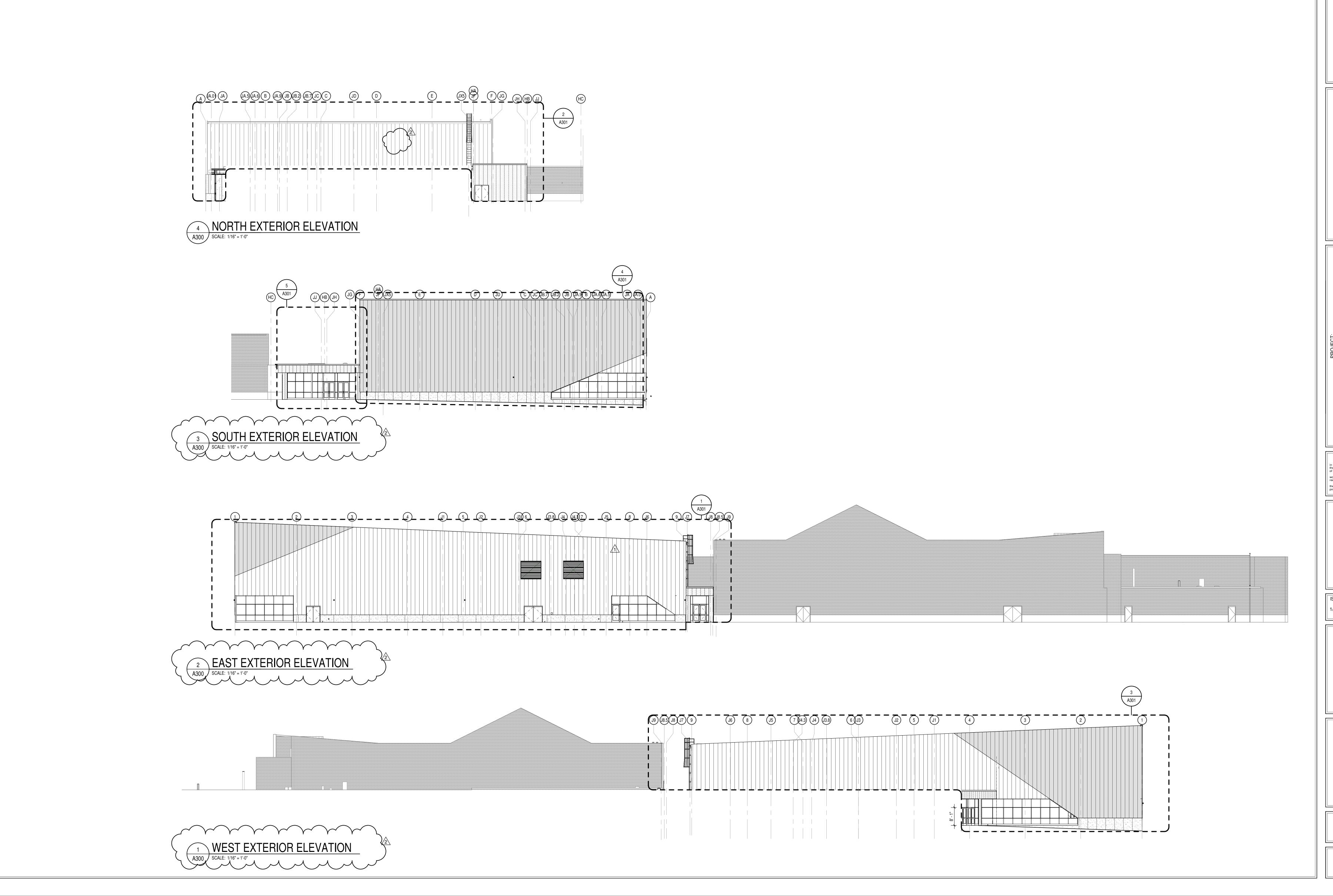
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> **REVISIONS:** ADDENDUM #1 02-15-24 ADDENDUM #2 02-22-24

ISSUE DATE | DRAWN BY | CHECKED BY 1/26/2024 KMD

DRAWING TITLE:





8831 Keystone Crossing, Indianapolis, IN 46240

YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

SCOPE DRAWINGS:

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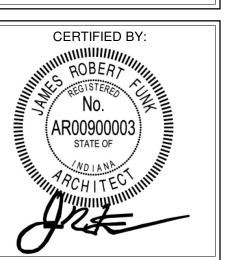
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REVISIONS:

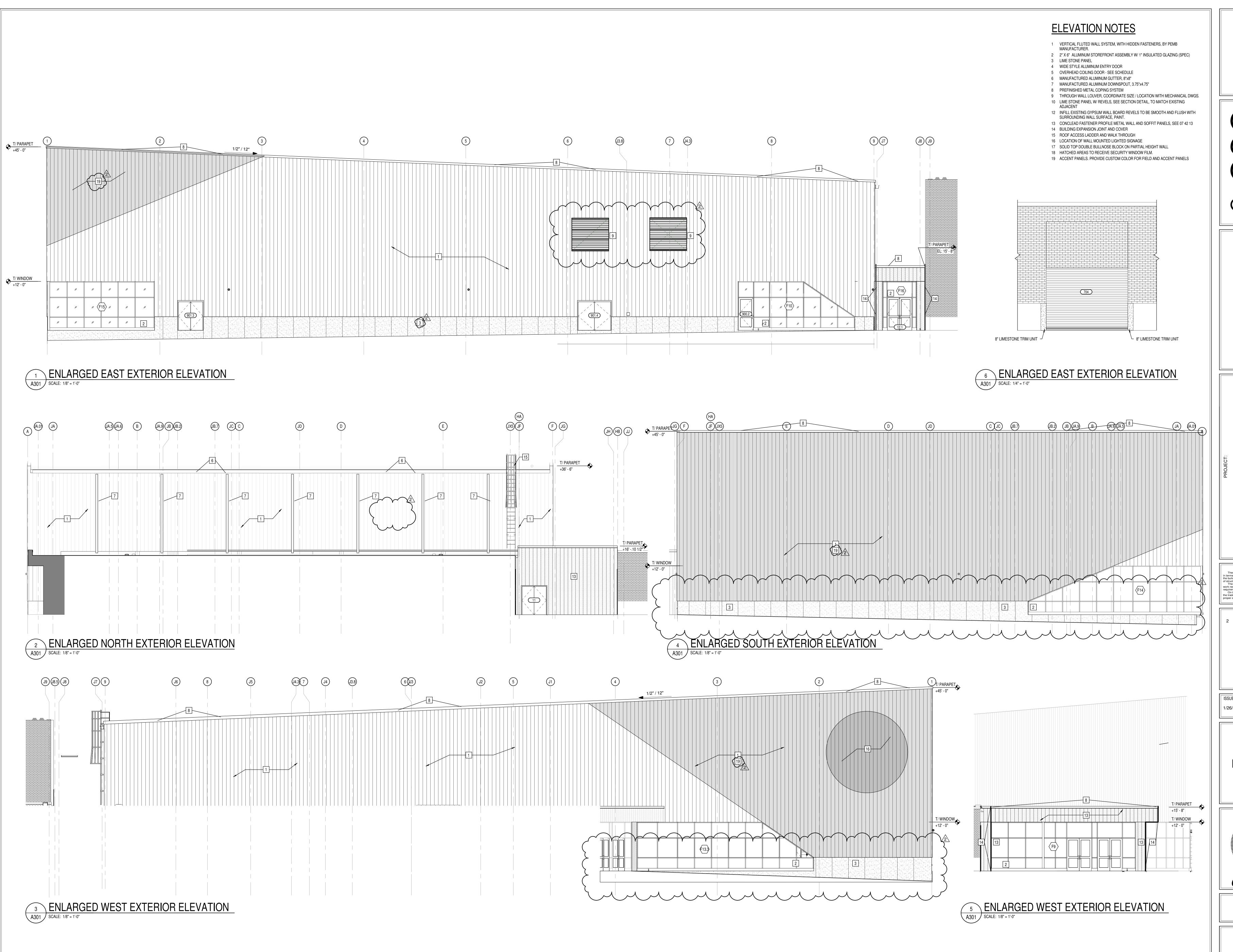
1 ADDENDUM #1 02-15-24
2 ADDENDUM #2 02-22-24

ISSUE DATE DRAWN BY CHECKED BY
1/26/2024 KMD EH

OVERALL
BUILDING
ELEVATIONS



DRAWING NUMBER





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YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS 1100 S Tiger Dr, Yorktown, IN 47396

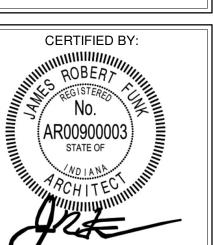
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2 ADDENDUM #2 02-22-24

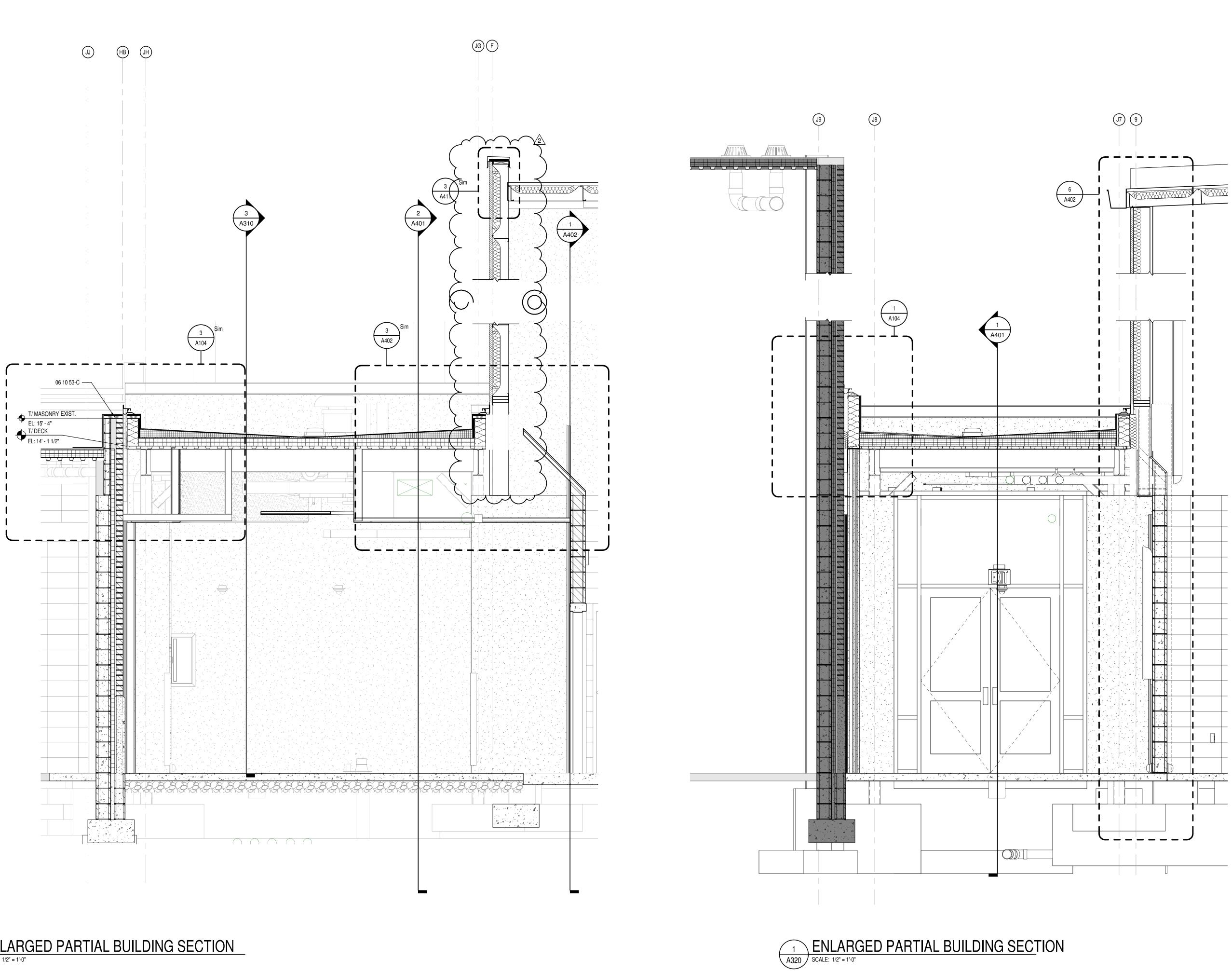
**REVISIONS:** 

ISSUE DATE DRAWN BY CHECKED BY 1/26/2024 KMD EH

ENLARGED
BUILDING
ELEVATIONS



DRAWING NUMBER





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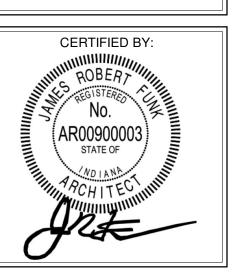
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**REVISIONS:** 2 ADDENDUM #2 02-22-24

ISSUE DATE | DRAWN BY | CHECKED BY 1/26/2024 KMD EH

> DRAWING TITLE: PARTIAL BUILDING SECTIONS

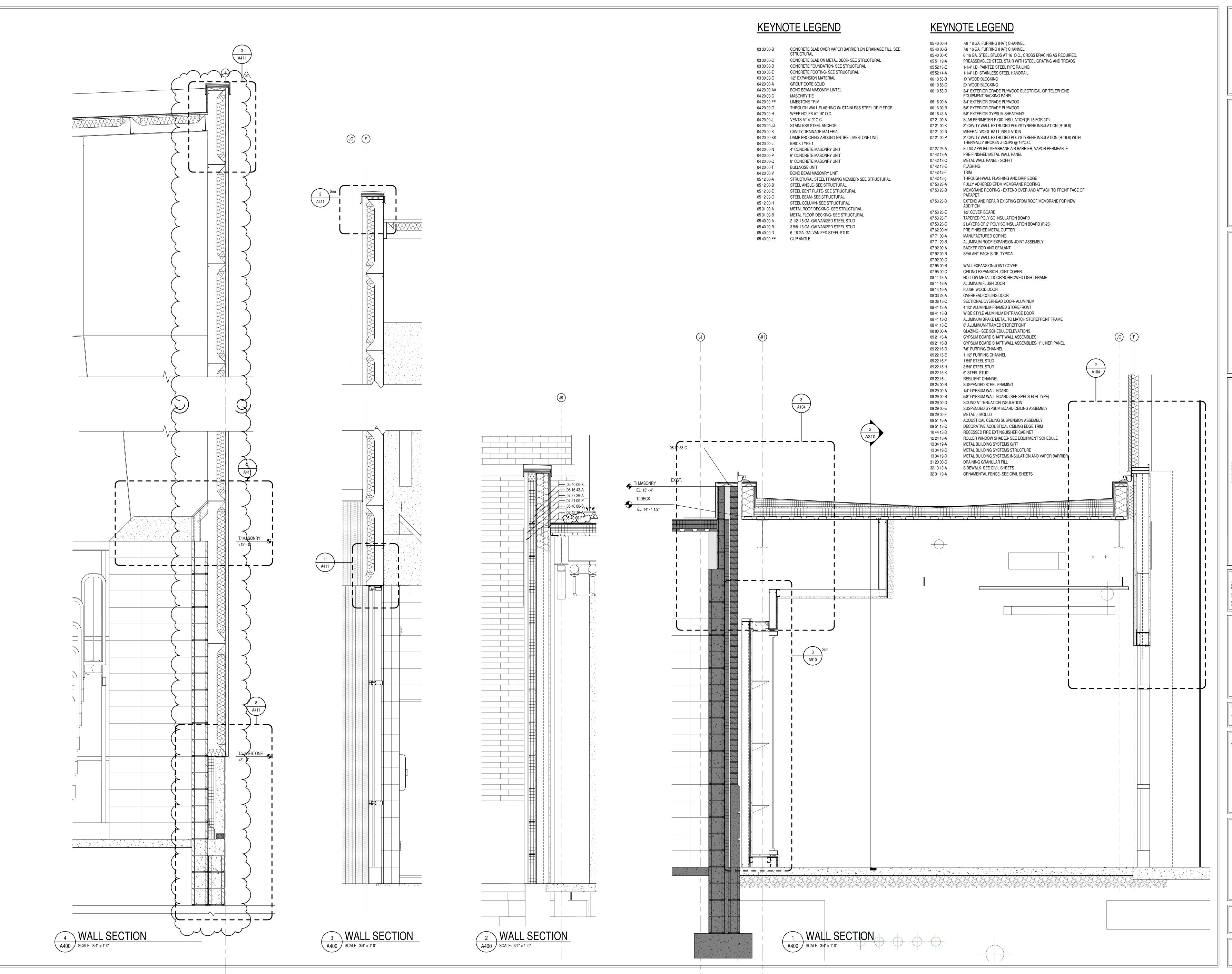


DRAWING NUMBER A320

PROJECT NUMBER 2022016

2 ENLARGED PARTIAL BUILDING SECTION

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





8831 Keystone Crossing, Indianapolis, IN 46240

RKTOWN HIGH SCHOOL
IONS AND RENNOVATIONS

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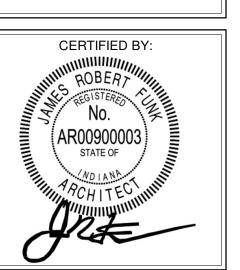
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REVISIONS:
ADDENDUM #2 02-22-24

ISSUE DATE DRAWN BY CHECKED BY
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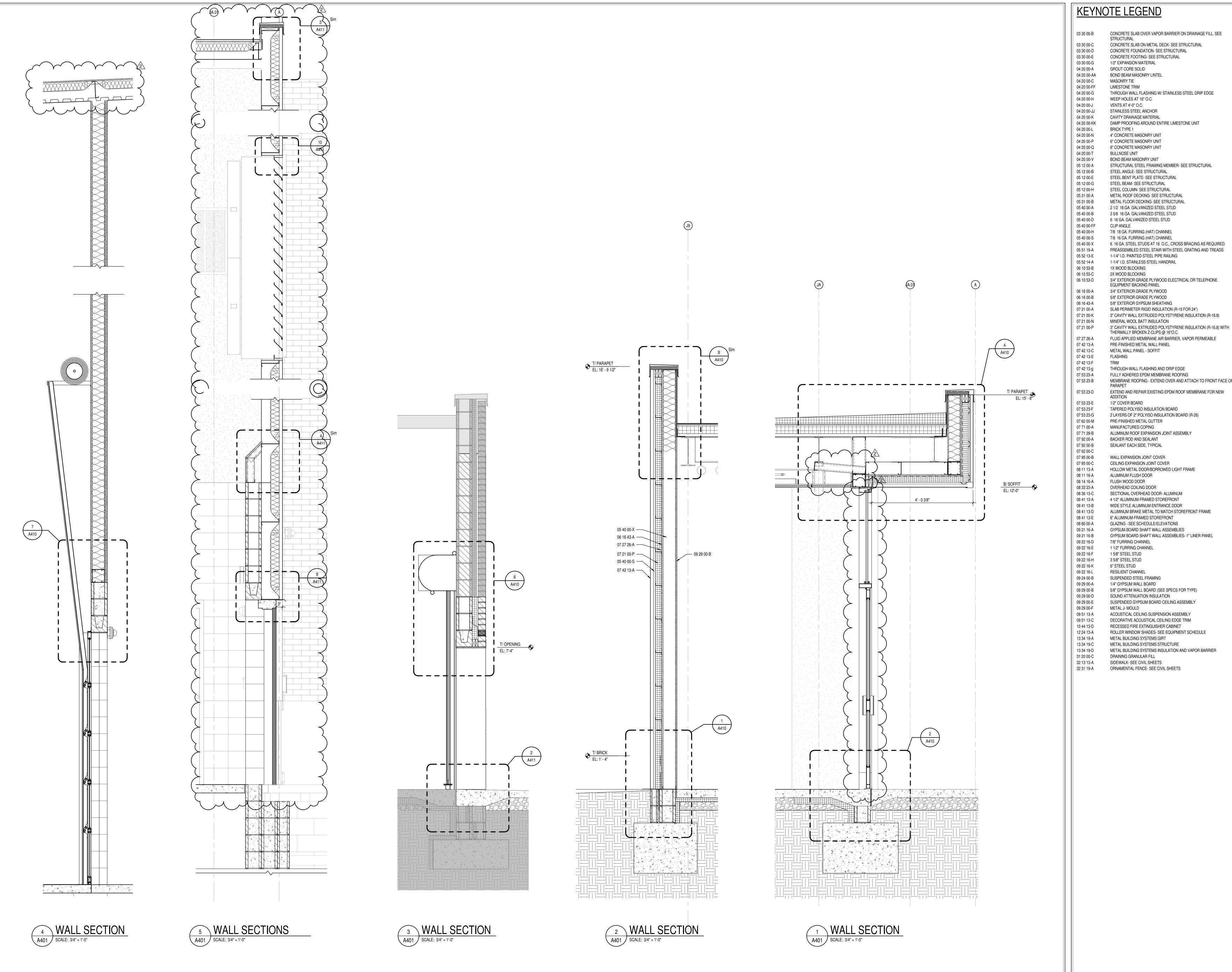
DRAWING TITLE:



A400

PROJECT NUMBER

2022016



### KEYNOTE LEGEND

03 30 00-B CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL CONCRETE FOUNDATION- SEE STRUCTURAL CONCRETE FOOTING- SEE STRUCTURAL 03 30 00-G 1/2" EXPANSION MATERIAL 04 20 00-A GROUT CORE SOLID

04 20 00-AA BOND BEAM MASONRY LINTEL MASONRY TIE LIMESTONE TRIM THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE WEEP HOLES AT 16" O.C.

VENTS AT 4'-0" O.C. 04 20 00-JJ STAINLESS STEEL ANCHOR 04 20 00-K CAVITY DRAINAGE MATERIAL DAMP PROOFING AROUND ENTIRE LIMESTONE UNIT

BRICK TYPE 1 04 20 00-N 4" CONCRETE MASONRY UNIT 04 20 00-P 6" CONCRETE MASONRY UNIT

**BULLNOSE UNIT** 04 20 00-V BOND BEAM MASONRY UNIT STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL 05 12 00-B STEEL ANGLE- SEE STRUCTURAL

05 12 00-E STEEL BENT PLATE- SEE STRUCTURAL 05 12 00-G STEEL BEAM- SEE STRUCTURAL 05 12 00-H STEEL COLUMN- SEE STRUCTURAL METAL ROOF DECKING- SEE STRUCTURAL METAL FLOOR DECKING- SEE STRUCTURAL 05 40 00-A 2 1/2 18 GA. GALVANIZED STEEL STUD 05 40 00-B 3 5/8 16 GA. GALVANIZED STEEL STUD

05 40 00-H 7/8 18 GA. FURRING (HAT) CHANNEL 05 40 00-S 7/8 16 GA. FURRING (HAT) CHANNEL 05 40 00-X 6 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.

05 51 19-A PREASSEMBLED STEEL STAIR WITH STEEL GRATING AND TREADS 05 52 13-E 1-1/4" I.D. PAINTED STEEL PIPE RAILING 05 52 14-A 1-1/4" I.D. STAINLESS STEEL HANDRAIL 1X WOOD BLOCKING 2X WOOD BLOCKING

EQUIPMENT BACKING PANEL 3/4" EXTERIOR GRADE PLYWOOD 06 16 00-B 5/8" EXTERIOR GRADE PLYWOOD 06 16 43-A 5/8" EXTERIOR GYPSUM SHEATHING 07 21 00-A SLAB PERIMETER RIGID INSULATION (R-15 FOR 24") 07 21 00-K 3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8) MINERAL WOOL BATT INSULATION

THERMALLY BROKEN Z-CLIPS @ 16"O.C. FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE PRE-FINISHED METAL WALL PANEL METAL WALL PANEL - SOFFIT **FLASHING** 

FULLY ADHERED EPDM MEMBRANE ROOFING MEMBRANE ROOFING - EXTEND OVER AND ATTACH TO FRONT FACE OF EXTEND AND REPAIR EXISTING EPDM ROOF MEMBRANE FOR NEW

ADDITION 1/2" COVER BOARD TAPERED POLYISO INSULATION BOARD 2 LAYERS OF 2" POLYISO INSULATION BOARD (R-26)

PRE-FINISHED METAL GUTTER MANUFACTURED COPING ALUMINUM ROOF EXPANSION JOINT ASSEMBLY BACKER ROD AND SEALANT SEALANT EACH SIDE, TYPICAL

WALL EXPANSION JOINT COVER CEILING EXPANSION JOINT COVER HOLLOW METAL DOOR/BORROWED LIGHT FRAME ALUMINUM FLUSH DOOR

FLUSH WOOD DOOR OVERHEAD COILING DOOR SECTIONAL OVERHEAD DOOR- ALUMINUM 4 1/2" ALUMINUM-FRAMED STOREFRONT WIDE STYLE ALUMINUM ENTRANCE DOOR

ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME 6" ALUMINUM-FRAMED STOREFRONT GLAZING - SEE SCHEDULE/ELEVATIONS GYPSUM BOARD SHAFT WALL ASSEMBLIES GYPSUM BOARD SHAFT WALL ASSEMBLIES- 1" LINER PANEL

7/8" FURRING CHANNEL 1 1/2" FURRING CHANNEL 1 5/8" STEEL STUD 3 5/8" STEEL STUD 6" STEEL STUD

RESILIENT CHANNEL SUSPENDED STEEL FRAMING 1/4" GYPSUM WALL BOARD 5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE) SOUND ATTENUATION INSULATION

SUSPENDED GYPSUM BOARD CEILING ASSEMBLY METAL J- MOULD ACOUSTICAL CEILING SUSPENSION ASSEMBLY

DECORATIVE ACOUSTICAL CEILING EDGE TRIM RECESSED FIRE EXTINGUISHER CABINET ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE

METAL BUILDING SYSTEMS GIRT METAL BUILDING SYSTEMS STRUCTURE METAL BUILDING SYSTEMS INSULATION AND VAPOR BARRIER

DRAINING GRANULAR FILL SIDEWALK- SEE CIVIL SHEETS ORNAMENTAL FENCE- SEE CIVIL SHEETS

> ISSUE DATE DRAWN BY CHECKED BY 1/26/2024 KMD EH

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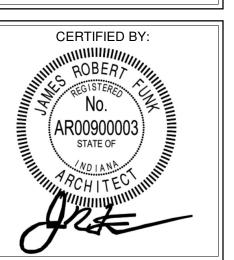
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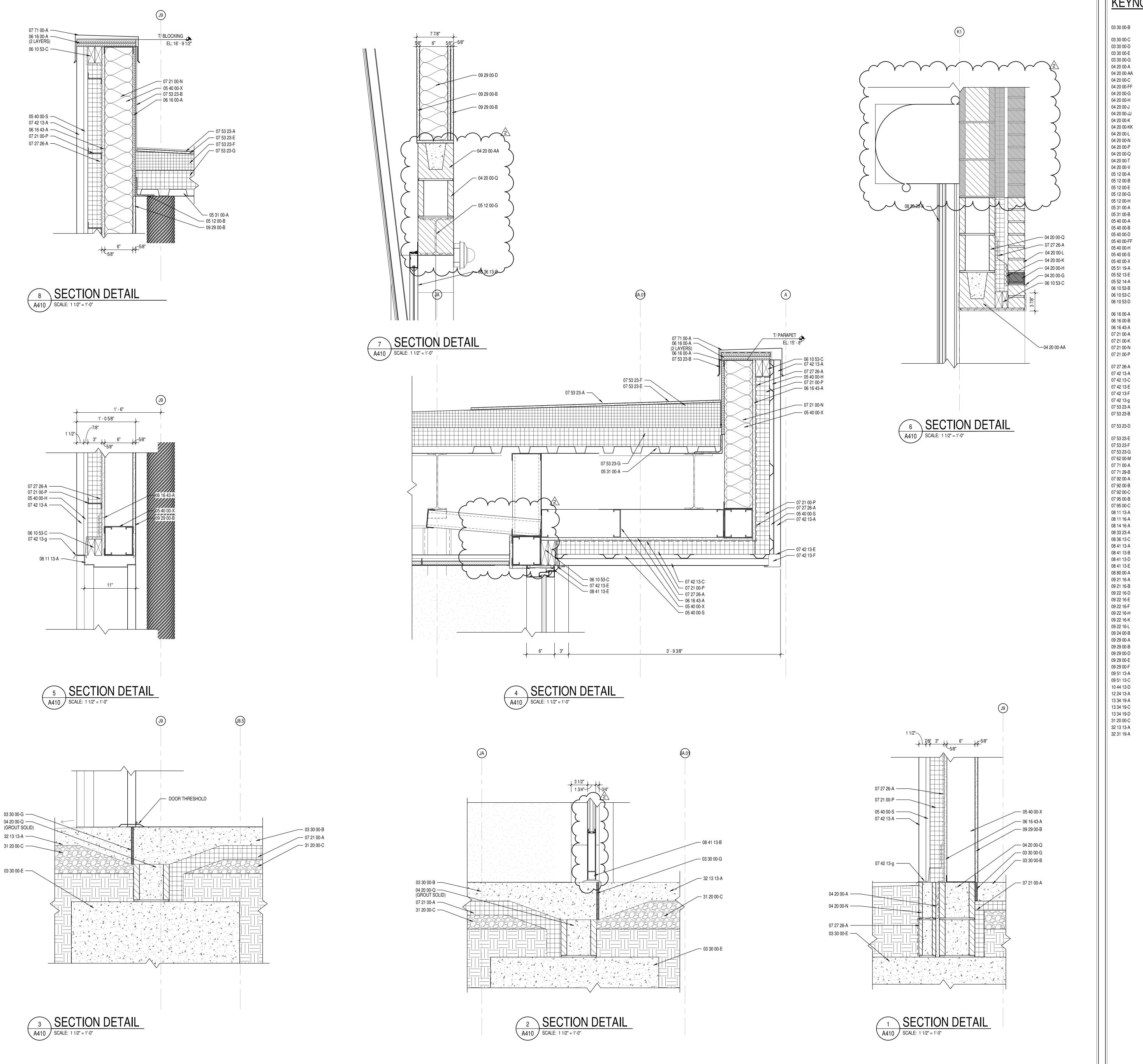
ADDENDUM #2 02-22-24

DRAWING TITLE:

S



DRAWING NUMBER A401



### **KEYNOTE LEGEND**

CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE 03 30 00-B STRUCTURAL CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL 03 30 00-C 03 30 00-D CONCRETE FOUNDATION- SEE STRUCTURAL 03 30 00-E CONCRETE FOOTING- SEE STRUCTURAL 03 30 00-G 1/2" EXPANSION MATERIAL 04 20 00-A GROUT CORE SOLID 04 20 00-AA

BOND BEAM MASONRY LINTEL MASONRY TIE

04 20 00-C 04 20 00-FF LIMESTONE TRIM 04 20 00-G THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE 04 20 00-H WEEP HOLES AT 16" O.C. 04 20 00-J VENTS AT 4'-0" O.C.

04 20 00-JJ STAINLESS STEEL ANCHOR 04 20 00-K CAVITY DRAINAGE MATERIAL 04 20 00-KK DAMP PROOFING AROUND ENTIRE LIMESTONE UNIT 04 20 00-L BRICK TYPE 1

04 20 00-N 4" CONCRETE MASONRY UNIT 04 20 00-P 6" CONCRETE MASONRY UNIT 8" CONCRETE MASONRY UNIT 04 20 00-Q 04 20 00-T BULLNOSE UNIT BOND BEAM MASONRY UNIT 04 20 00-V STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL

05 12 00-B STEEL ANGLE- SEE STRUCTURAL STEEL BENT PLATE- SEE STRUCTURAL 05 12 00-E STEEL BEAM- SEE STRUCTURAL 05 12 00-G 05 12 00-H STEEL COLUMN- SEE STRUCTURAL 05 31 00-A METAL ROOF DECKING- SEE STRUCTURAL 05 31 00-B METAL FLOOR DECKING- SEE STRUCTURAL 05 40 00-A 2 1/2 18 GA. GALVANIZED STEEL STUD

05 40 00-D 6 16 GA. GALVANIZED STEEL STUD 05 40 00-FF CLIP ANGLE 05 40 00-H 7/8 18 GA. FURRING (HAT) CHANNEL 05 40 00-S 7/8 16 GA. FURRING (HAT) CHANNEL 05 40 00-X 6 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.

PREASSEMBLED STEEL STAIR WITH STEEL GRATING AND TREADS

3 5/8 16 GA. GALVANIZED STEEL STUD

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MINERAL WOOL BATT INSULATION

3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8) WITH THERMALLY BROKEN Z-CLIPS @ 16"O.C. FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE 07 27 26-A 07 42 13-A PRE-FINISHED METAL WALL PANEL METAL WALL PANEL - SOFFIT 07 42 13-C

07 42 13-E FLASHING 07 42 13-F 07 42 13-g THROUGH-WALL FLASHING AND DRIP EDGE FULLY ADHERED EPDM MEMBRANE ROOFING 07 53 23-A 07 53 23-B MEMBRANE ROOFING - EXTEND OVER AND ATTACH TO FRONT FACE OF

EXTEND AND REPAIR EXISTING EPDM ROOF MEMBRANE FOR NEW 07 53 23-D ADDITION 07 53 23-E 1/2" COVER BOARD TAPERED POLYISO INSULATION BOARD 2 LAYERS OF 2" POLYISO INSULATION BOARD (R-26)

07 62 00-M PRE-FINISHED METAL GUTTER 07 71 00-A MANUFACTURED COPING 07 71 29-B ALUMINUM ROOF EXPANSION JOINT ASSEMBLY BACKER ROD AND SEALANT 07 92 00-A 07 92 00-B SEALANT EACH SIDE, TYPICAL

07 92 00-C 07 95 00-B WALL EXPANSION JOINT COVER CEILING EXPANSION JOINT COVER 07 95 00-C HOLLOW METAL DOOR/BORROWED LIGHT FRAME 08 11 13-A 08 11 16-A ALUMINUM FLUSH DOOR

FLUSH WOOD DOOR

08 33 23-A OVERHEAD COILING DOOR 08 36 13-C SECTIONAL OVERHEAD DOOR- ALUMINUM 4 1/2" ALUMINUM-FRAMED STOREFRONT 08 41 13-A WIDE STYLE ALUMINUM ENTRANCE DOOR 08 41 13-B 08 41 13-D ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME 08 41 13-E 6" ALUMINUM-FRAMED STOREFRONT

GLAZING - SEE SCHEDULE/ELEVATIONS A-00 08 80 GYPSUM BOARD SHAFT WALL ASSEMBLIES 09 21 16-A GYPSUM BOARD SHAFT WALL ASSEMBLIES- 1" LINER PANEL 09 21 16-B 7/8" FURRING CHANNEL 09 22 16-D

09 22 16-E 1 1/2" FURRING CHANNEL 09 22 16-F 1 5/8" STEEL STUD 09 22 16-H 3 5/8" STEEL STUD 09 22 16-K 6" STEEL STUD 09 22 16-L RESILIENT CHANNEL

09 24 00-B SUSPENDED STEEL FRAMING 1/4" GYPSUM WALL BOARD 09 29 00-A 09 29 00-B 5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE) 09 29 00-D SOUND ATTENUATION INSULATION SUSPENDED GYPSUM BOARD CEILING ASSEMBLY

09 29 00-F METAL J- MOULD 09 51 13-A ACOUSTICAL CEILING SUSPENSION ASSEMBLY DECORATIVE ACOUSTICAL CEILING EDGE TRIM 09 51 13-C 10 44 13-D RECESSED FIRE EXTINGUISHER CABINET 12 24 13-A ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE

13 34 19-A METAL BUILDING SYSTEMS GIRT 13 34 19-C METAL BUILDING SYSTEMS STRUCTURE 13 34 19-D METAL BUILDING SYSTEMS INSULATION AND VAPOR BARRIER

31 20 00-C DRAINING GRANULAR FILL 32 13 13-A SIDEWALK- SEE CIVIL SHEETS 32 31 19-A ORNAMENTAL FENCE- SEE CIVIL SHEETS



S

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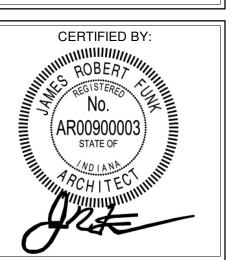
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ADDENDUM #2 02-22-24

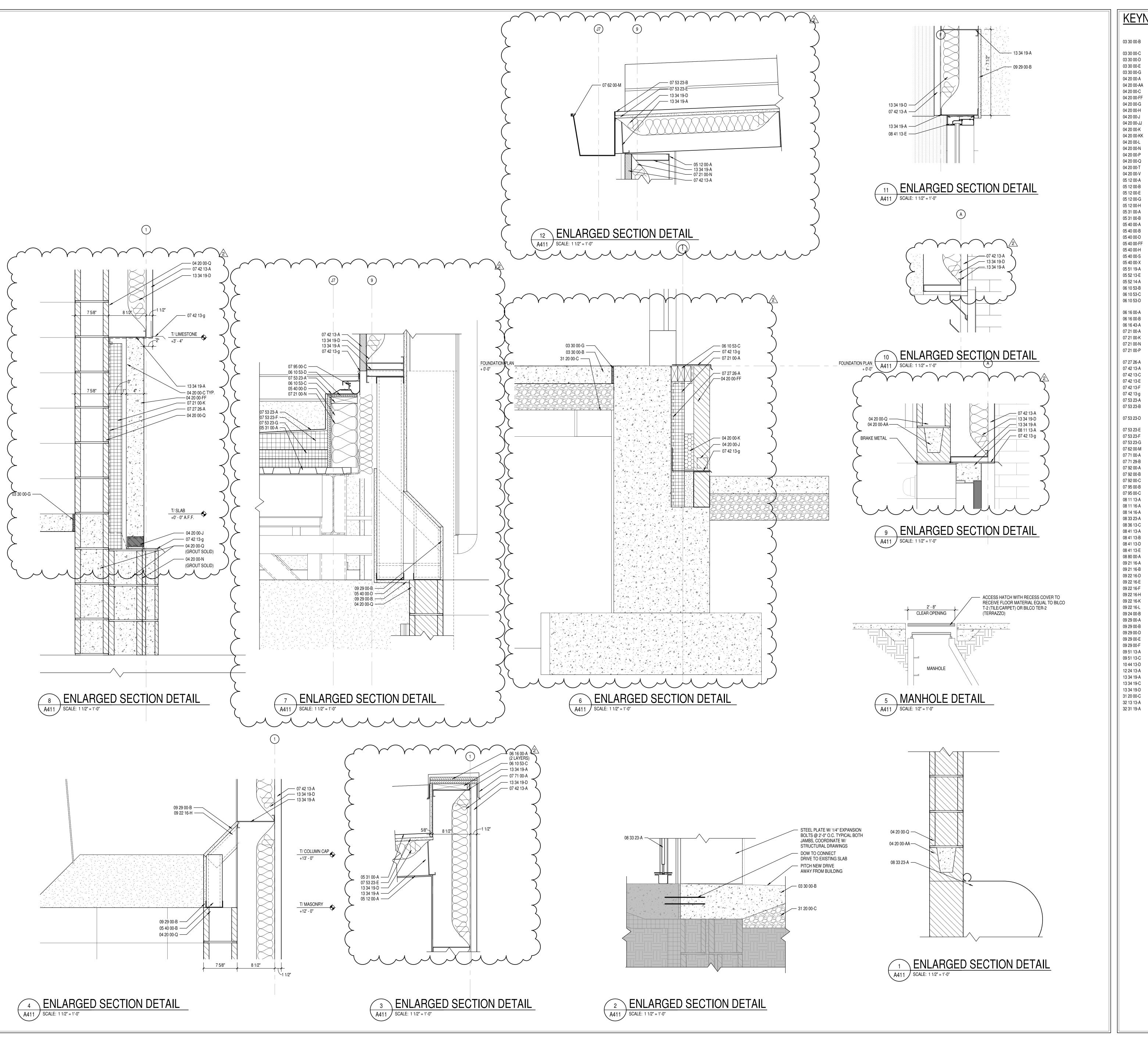
REVISIONS:

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> DRAWING TITLE: **ENLARGED DETAILS**



DRAWING NUMBER A410



### KEYNOTE LEGEND

CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL
CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
CONCRETE FOUNDATION- SEE STRUCTURAL
CONCRETE FOOTING- SEE STRUCTURAL
CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE
STRUCTURAL
CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
CONCRETE FOOTING- SEE STRUCTURAL
CONCRETE SLAB ON MATERIAL
CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
CONCRETE FOOTING- SEE STRUCTURAL

4 20 00-C MASONRY TIE
4 20 00-FF LIMESTONE TRIM
4 20 00-G THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE
4 20 00-H WEEP HOLES AT 16" O.C.

04 20 00-J VENTS AT 4'-0" O.C.
04 20 00-JJ STAINLESS STEEL ANCHOR
04 20 00-K CAVITY DRAINAGE MATERIAL
04 20 00-K DAMP PROOFING AROUND ENTIRE LIMESTONE UNIT
04 20 00-L BRICK TYPE 1

# 20 00-L BRICK 1 YPE 1
# 20 00-N 4" CONCRETE MASONRY UNIT
# 20 00-P 6" CONCRETE MASONRY UNIT
# 20 00-Q 8" CONCRETE MASONRY UNIT
# 20 00-T BULLNOSE UNIT

04 20 00-V BOND BEAM MASONRY UNIT
05 12 00-A STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL
05 12 00-B STEEL ANGLE- SEE STRUCTURAL
05 12 00-E STEEL BENT PLATE- SEE STRUCTURAL

 05 12 00-G
 STEEL BEAM- SEE STRUCTURAL

 05 12 00-H
 STEEL COLUMN- SEE STRUCTURAL

 05 31 00-A
 METAL ROOF DECKING- SEE STRUCTURAL

 05 31 00-B
 METAL FLOOR DECKING- SEE STRUCTURAL

 05 40 00-A
 2 1/2 18 GA. GALVANIZED STEEL STUD

 05 40 00-B
 3 5/8 16 GA. GALVANIZED STEEL STUD

 05 40 00-D
 6 16 GA. GALVANIZED STEEL STUD

 40 00-FF
 CLIP ANGLE

 40 00-H
 7/8 18 GA. FURRING (HAT) CHANNEL

 40 00-S
 7/8 16 GA. FURRING (HAT) CHANNEL

 40 00-X
 6 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.

EQUIPMENT BACKING PANEL

05 51 19-A PREASSEMBLED STEEL STAIR WITH STEEL GRATING AND TREADS
05 52 13-E 1-1/4" I.D. PAINTED STEEL PIPE RAILING
05 52 14-A 1-1/4" I.D. STAINLESS STEEL HANDRAIL
06 10 53-B 1X WOOD BLOCKING
06 10 53-C 2X WOOD BLOCKING
06 10 53-D 3/4" EXTERIOR GRADE PLYWOOD ELECTRICAL OR TELEPHONE

06 16 00-A 3/4" EXTERIOR GRADE PLYWOOD
06 16 00-B 5/8" EXTERIOR GRADE PLYWOOD
06 16 43-A 5/8" EXTERIOR GYPSUM SHEATHING
07 21 00-A SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")
07 21 00-K 3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8)
07 21 00-N MINERAL WOOL BATT INSULATION
07 21 00-P 3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8) WITH

THERMALLY BROKEN Z-CLIPS @ 16"O.C.

7 27 26-A
FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE
7 42 13-A
PRE-FINISHED METAL WALL PANEL
7 42 13-C
METAL WALL PANEL - SOFFIT
FLASHING

7 42 13-g
THROUGH-WALL FLASHING AND DRIP EDGE
7 53 23-A
FULLY ADHERED EPDM MEMBRANE ROOFING
7 53 23-B
MEMBRANE ROOFING - EXTEND OVER AND ATTACH TO FRONT FACE OF PARAPET
7 53 23-D
EXTEND AND REPAIR EXISTING EPDM ROOF MEMBRANE FOR NEW

ADDITION

23-E 1/2" COVER BOARD

23-F TAPERED POLYISO INSULATION BOARD

23-G 2 LAYERS OF 2" POLYISO INSULATION BOARD (R-26)

00-M PRE-FINISHED METAL GUTTER

07 71 29-B ALUMINUM ROOF EXPANSION JOINT ASSEMBLY
07 92 00-A BACKER ROD AND SEALANT
07 92 00-B SEALANT EACH SIDE, TYPICAL
07 92 00-C
07 95 00-B WALL EXPANSION JOINT COVER

MANUFACTURED COPING

07 95 00-C CEILING EXPANSION JOINT COVER
08 11 13-A HOLLOW METAL DOOR/BORROWED LIGHT FRAME
08 11 16-A ALUMINUM FLUSH DOOR
08 14 16-A FLUSH WOOD DOOR
08 33 23-A OVERHEAD COILING DOOR
08 36 13-C SECTIONAL OVERHEAD DOOR- ALUMINUM

08 41 13-A 4 1/2" ALUMINUM-FRAMED STOREFRONT
08 41 13-B WIDE STYLE ALUMINUM ENTRANCE DOOR
08 41 13-D ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME
08 41 13-E 6" ALUMINUM-FRAMED STOREFRONT

08 80 00-A GLAZING - SEE SCHEDULE/ELEVATIONS
09 21 16-A GYPSUM BOARD SHAFT WALL ASSEMBLIES
09 21 16-B GYPSUM BOARD SHAFT WALL ASSEMBLIES- 1" LINER PANEL
09 22 16-D 7/8" FURRING CHANNEL
09 22 16-E 1 1/2" FURRING CHANNEL

09 22 16-F 1 5/8" STEEL STUD
09 22 16-H 3 5/8" STEEL STUD
09 22 16-K 6" STEEL STUD
09 22 16-L RESILIENT CHANNEL
09 24 00-B SUSPENDED STEEL FRAMING
09 29 00-A 1/4" GYPSUM WALL BOARD

09 29 00-B 5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE)
09 29 00-D SOUND ATTENUATION INSULATION
09 29 00-E SUSPENDED GYPSUM BOARD CEILING ASSEMBLY
09 29 00-F METAL J- MOULD
09 51 13-A ACOUSTICAL CEILING SUSPENSION ASSEMBLY

09 51 13-C DECORATIVE ACOUSTICAL CEILING EDGE TRIM
10 44 13-D RECESSED FIRE EXTINGUISHER CABINET
12 24 13-A ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE
13 34 19-A METAL BUILDING SYSTEMS GIRT

13 34 19-A METAL BUILDING SYSTEMS GIRT
13 34 19-C METAL BUILDING SYSTEMS STRUCTURE
13 34 19-D METAL BUILDING SYSTEMS INSULATION AND VAPOR BARRIER
31 20 00-C DRAINING GRANULAR FILL

2 13 13-A SIDEWALK- SEE CIVIL SHEETS
2 31 19-A ORNAMENTAL FENCE- SEE CIVIL SHEETS

one Crossing, Indianapolis, IN 46240

YORKTOWN HIGH SCHOOL
DITIONS AND RENNOVATIONS

SCOPE DRAWINGS:

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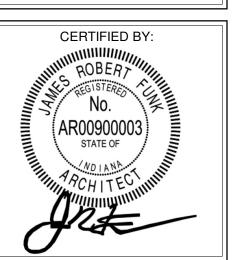
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REVISIONS:

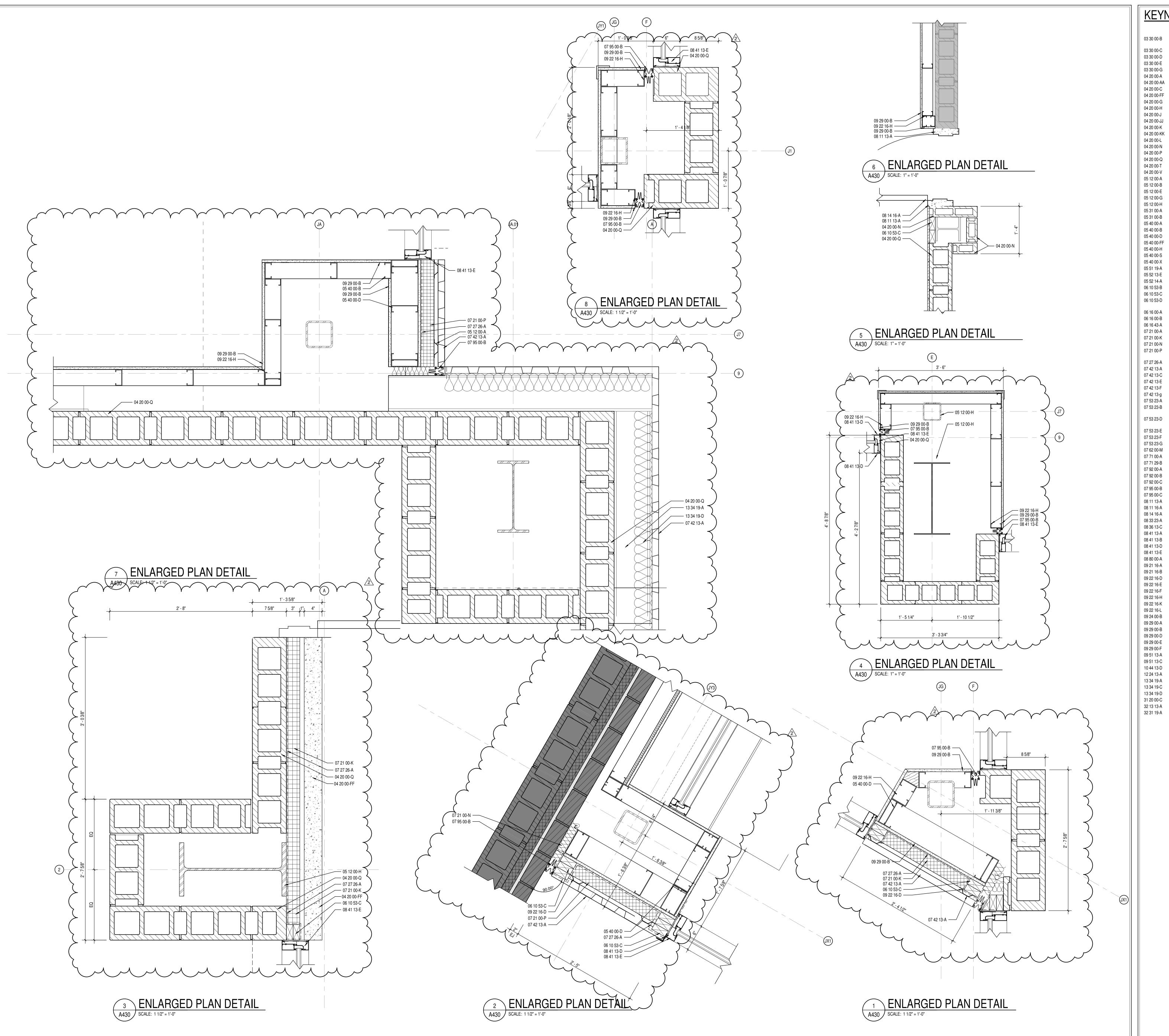
ADDENDUM #2 02-22-24

ISSUE DATE | DRAWN BY | CHECKED BY 1/26/2024 | KMD | EH

ENLARGED
SECTION
DETAILS



A411



### KEYNOTE LEGEND

03 30 00-B

CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL

03 30 00-C

CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL

CONCRETE FOUNDATION, SEE STRUCTURAL

CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL
CONCRETE FOUNDATION- SEE STRUCTURAL
CONCRETE FOOTING- SEE STRUCTURAL
CONCRETE SOLID

04 20 00-AA BOND BEAM MASONRY LINTEL
04 20 00-C MASONRY TIE
04 20 00-FF LIMESTONE TRIM
04 20 00 C THEOLICH WALL ELACHING W/ STAINLESS STEEL DRIPE

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 LIMESTONE TRIM

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 0 00-L
 BRICK TYPE 1

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 4" CONCRETE MASONRY UNIT

 0 00-P
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3 5/8 16 GA. GALVANIZED STEEL STUD

05 40 00-X 6 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED.
05 51 19-A PREASSEMBLED STEEL STAIR WITH STEEL GRATING AND TREADS
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 3/4" EXTERIOR GRADE PLYWOOD ELECTRICAL OR TELEPHONE

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06 16 00-A

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THERMALLY BROKEN Z-CLIPS @ 16"O.C.

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FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE

07 42 13-A

PRE-FINISHED METAL WALL PANEL

07 42 13-C

METAL WALL PANEL - SOFFIT

07 42 13-E FLASHING
07 42 13-F TRIM
07 42 13-G THROUGH-WALL FLASHING AND DRIP EDGE
07 53 23-A FULLY ADHERED EPDM MEMBRANE ROOFING

07 53 23-B MEMBRANE ROOFING - EXTEND OVER AND ATTACH TO FRONT FACE OF PARAPET

07 53 23-D EXTEND AND REPAIR EXISTING EPDM ROOF MEMBRANE FOR NEW ADDITION
07 53 23-E 1/2" COVER BOARD

07 53 23-F TAPERED POLYISO INSULATION BOARD
07 53 23-G 2 LAYERS OF 2" POLYISO INSULATION BOARD (R-26)

07 53 23-G 2 LAYERS OF 2" POLYISO INSULATION BOARD (R-07 62 00-M PRE-FINISHED METAL GUTTER 07 71 00-A MANUFACTURED COPING 07 71 29-B ALUMINUM ROOF EXPANSION JOINT ASSEMBLY

BACKER ROD AND SEALANT

07 92 00-B SEALANT EACH SIDE, TYPICAL
07 92 00-C
07 95 00-B WALL EXPANSION JOINT COVER
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HOLLOW METAL DOOR/BORROWED LIGHT FRAME

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3 5/8" STEEL STUD

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 RESILIENT CHANNEL

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 SUSPENDED STEEL FRAMING

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 1/4" GYPSUM WALL BOARD

09 29 00-B
5/8" GYPSUM WALL BOARD
09 29 00-D
SOUND ATTENUATION INSULATION
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31 20 00-C DRAINING GRANULAR FILL

32 13 13-A SIDEWALK- SEE CIVIL SHEETS

13-A SIDEWALK- SEE CIVIL SHEETS
19-A ORNAMENTAL FENCE- SEE CIVIL SHEETS



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ADDITIONS AND RENNOVATIONS
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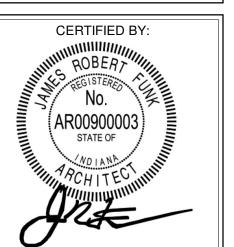
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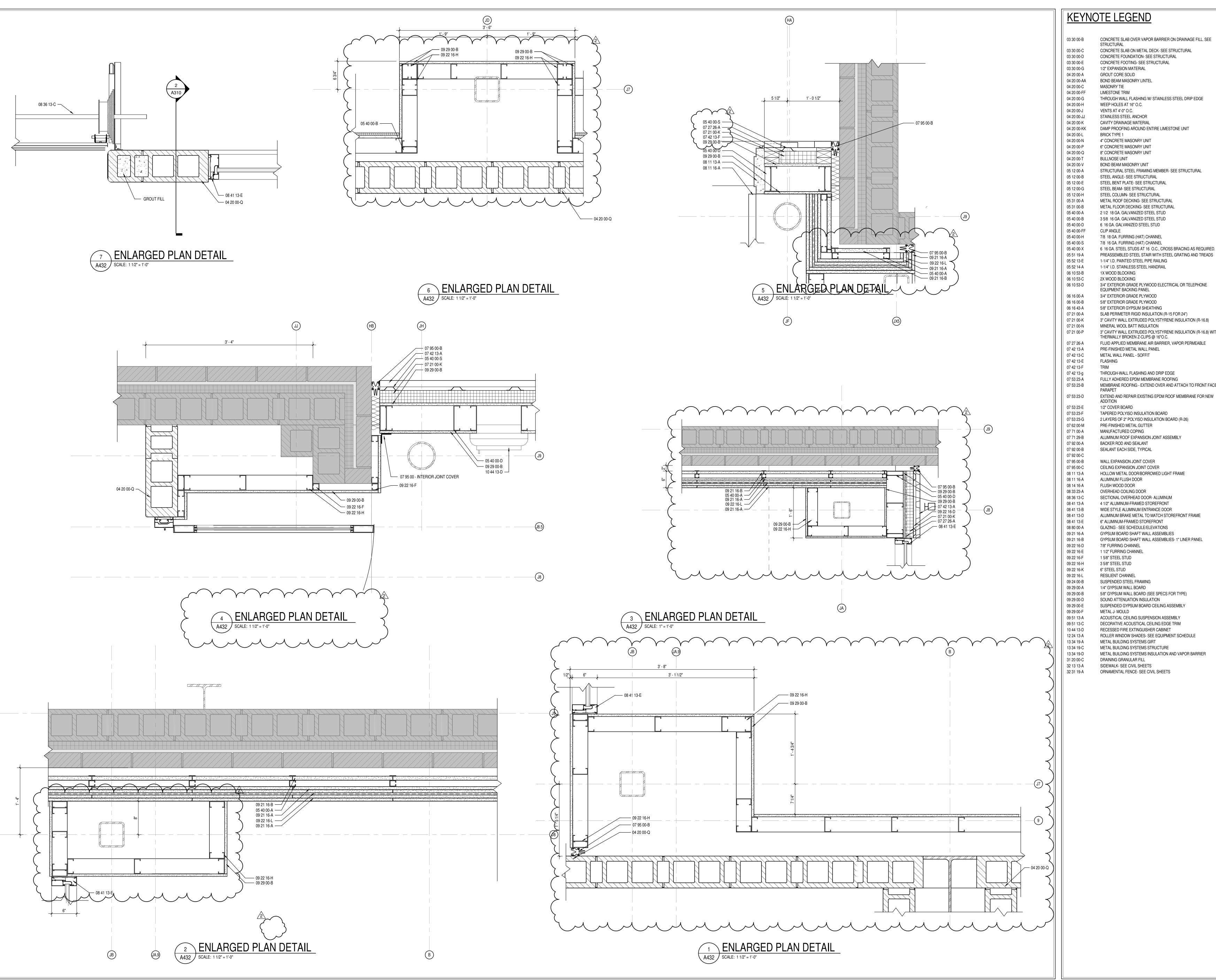
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DRAWING TITLE:
PLAN DETAILS



A430





CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL CONCRETE FOUNDATION- SEE STRUCTURAL CONCRETE FOOTING- SEE STRUCTURAL 1/2" EXPANSION MATERIAL GROUT CORE SOLID

BOND BEAM MASONRY LINTEL MASONRY TIE LIMESTONE TRIM THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE

WEEP HOLES AT 16" O.C. VENTS AT 4'-0" O.C. STAINLESS STEEL ANCHOR

CAVITY DRAINAGE MATERIAL DAMP PROOFING AROUND ENTIRE LIMESTONE UNIT BRICK TYPE 1 4" CONCRETE MASONRY UNIT 6" CONCRETE MASONRY UNIT

**BULLNOSE UNIT** BOND BEAM MASONRY UNIT STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL STEEL ANGLE- SEE STRUCTURAL

STEEL BENT PLATE- SEE STRUCTURAL STEEL BEAM- SEE STRUCTURAL STEEL COLUMN- SEE STRUCTURAL METAL ROOF DECKING- SEE STRUCTURAL METAL FLOOR DECKING- SEE STRUCTURAL 2 1/2 18 GA. GALVANIZED STEEL STUD 3 5/8 16 GA. GALVANIZED STEEL STUD

7/8 18 GA. FURRING (HAT) CHANNEL 7/8 16 GA. FURRING (HAT) CHANNEL 6 16 GA. STEEL STUDS AT 16 O.C., CROSS BRACING AS REQUIRED. PREASSEMBLED STEEL STAIR WITH STEEL GRATING AND TREADS

1-1/4" I.D. PAINTED STEEL PIPE RAILING 1-1/4" I.D. STAINLESS STEEL HANDRAIL 1X WOOD BLOCKING 2X WOOD BLOCKING

3/4" EXTERIOR GRADE PLYWOOD ELECTRICAL OR TELEPHONE EQUIPMENT BACKING PANEL 3/4" EXTERIOR GRADE PLYWOOD 5/8" EXTERIOR GRADE PLYWOOD 5/8" EXTERIOR GYPSUM SHEATHING SLAB PERIMETER RIGID INSULATION (R-15 FOR 24")

MINERAL WOOL BATT INSULATION 3" CAVITY WALL EXTRUDED POLYSTYRENE INSULATION (R-16.8) WITH THERMALLY BROKEN Z-CLIPS @ 16"O.C. FLUID APPLIED MEMBRANE AIR BARRIER, VAPOR PERMEABLE PRE-FINISHED METAL WALL PANEL

THROUGH-WALL FLASHING AND DRIP EDGE FULLY ADHERED EPDM MEMBRANE ROOFING MEMBRANE ROOFING - EXTEND OVER AND ATTACH TO FRONT FACE OF

1/2" COVER BOARD TAPERED POLYISO INSULATION BOARD 2 LAYERS OF 2" POLYISO INSULATION BOARD (R-26) PRE-FINISHED METAL GUTTER

MANUFACTURED COPING ALUMINUM ROOF EXPANSION JOINT ASSEMBLY BACKER ROD AND SEALANT SEALANT EACH SIDE, TYPICAL

WALL EXPANSION JOINT COVER CEILING EXPANSION JOINT COVER HOLLOW METAL DOOR/BORROWED LIGHT FRAME ALUMINUM FLUSH DOOR

OVERHEAD COILING DOOR SECTIONAL OVERHEAD DOOR- ALUMINUM 4 1/2" ALUMINUM-FRAMED STOREFRONT WIDE STYLE ALUMINUM ENTRANCE DOOR ALUMINUM BRAKE METAL TO MATCH STOREFRONT FRAME

6" ALUMINUM-FRAMED STOREFRONT GLAZING - SEE SCHEDULE/ELEVATIONS GYPSUM BOARD SHAFT WALL ASSEMBLIES GYPSUM BOARD SHAFT WALL ASSEMBLIES- 1" LINER PANEL 7/8" FURRING CHANNEL

1 5/8" STEEL STUD 3 5/8" STEEL STUD 6" STEEL STUD RESILIENT CHANNEL SUSPENDED STEEL FRAMING

1/4" GYPSUM WALL BOARD 5/8" GYPSUM WALL BOARD (SEE SPECS FOR TYPE) SOUND ATTENUATION INSULATION SUSPENDED GYPSUM BOARD CEILING ASSEMBLY METAL J- MOULD

ACOUSTICAL CEILING SUSPENSION ASSEMBLY DECORATIVE ACOUSTICAL CEILING EDGE TRIM RECESSED FIRE EXTINGUISHER CABINET ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE

METAL BUILDING SYSTEMS GIRT METAL BUILDING SYSTEMS STRUCTURE METAL BUILDING SYSTEMS INSULATION AND VAPOR BARRIER DRAINING GRANULAR FILL

SIDEWALK- SEE CIVIL SHEETS ORNAMENTAL FENCE- SEE CIVIL SHEETS

S

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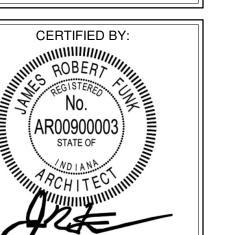
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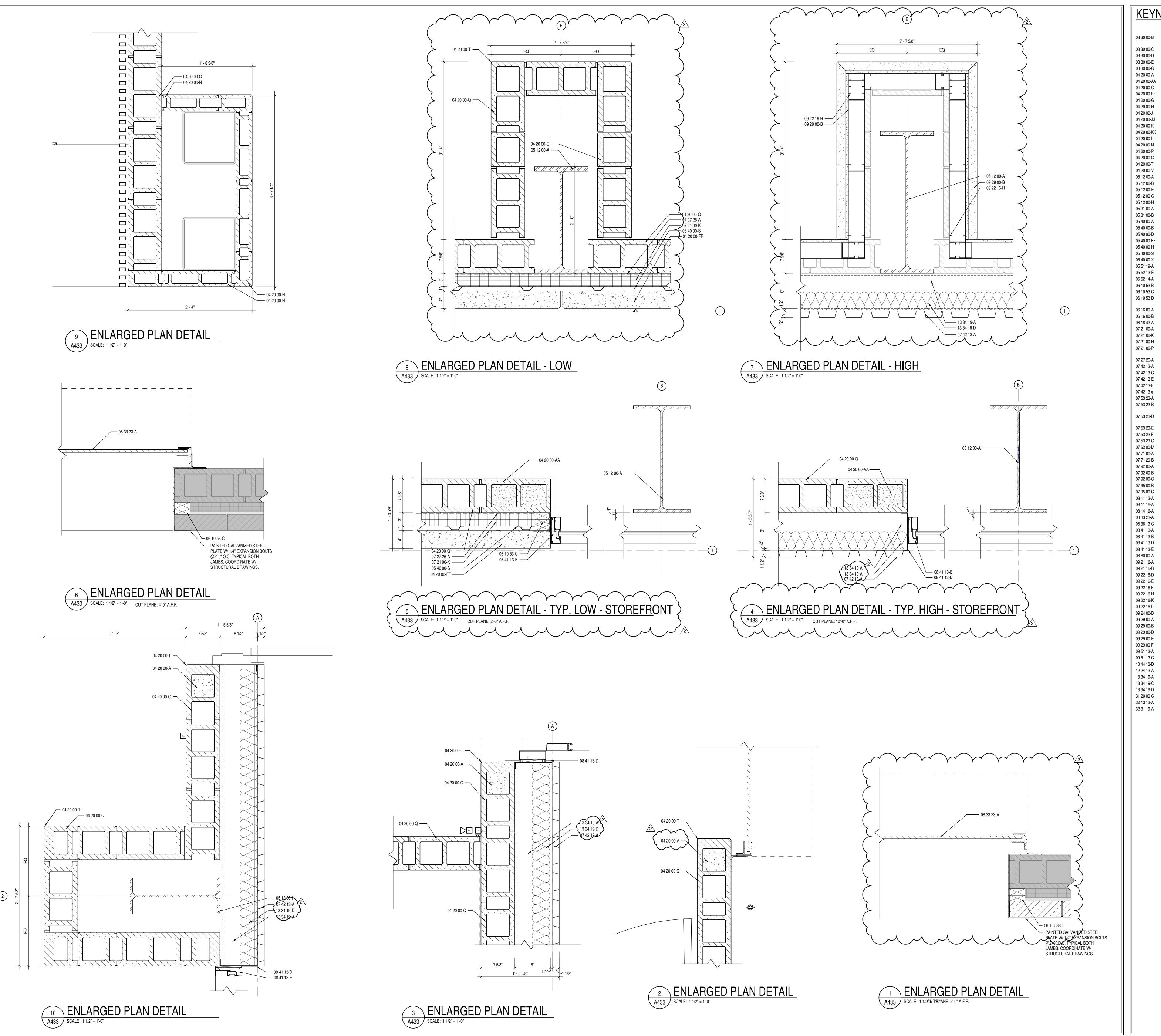
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DRAWING TITLE: PLAN DETAILS



A432



## KEYNOTE LEGEND

CONCRETE SLAB OVER VAPOR BARRIER ON DRAINAGE FILL. SEE STRUCTURAL CONCRETE SLAB ON METAL DECK- SEE STRUCTURAL CONCRETE FOUNDATION- SEE STRUCTURAL CONCRETE FOOTING- SEE STRUCTURAL 1/2" EXPANSION MATERIAL

GROUT CORE SOLID BOND BEAM MASONRY LINTEL

04 20 00-C MASONRY TIE 04 20 00-FF LIMESTONE TRIM 04 20 00-G THROUGH WALL FLASHING W/ STAINLESS STEEL DRIP EDGE WEEP HOLES AT 16" O.C. 04 20 00-H

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DAMP PROOFING AROUND ENTIRE LIMESTONE UNIT 04 20 00-KK 04 20 00-L BRICK TYPE 1 04 20 00-N 4" CONCRETE MASONRY UNIT 6" CONCRETE MASONRY UNIT

8" CONCRETE MASONRY UNIT

**BULLNOSE UNIT** 

BOND BEAM MASONRY UNIT STRUCTURAL STEEL FRAMING MEMBER- SEE STRUCTURAL 05 12 00-A STEEL ANGLE- SEE STRUCTURAL 05 12 00-B 05 12 00-E STEEL BENT PLATE- SEE STRUCTURAL STEEL BEAM- SEE STRUCTURAL

STEEL COLUMN- SEE STRUCTURAL METAL ROOF DECKING- SEE STRUCTURAL METAL FLOOR DECKING- SEE STRUCTURAL 2 1/2 18 GA. GALVANIZED STEEL STUD 3 5/8 16 GA. GALVANIZED STEEL STUD 6 16 GA. GALVANIZED STEEL STUD CLIP ANGLE

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**FLASHING** 

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SEALANT EACH SIDE, TYPICAL

WALL EXPANSION JOINT COVER CEILING EXPANSION JOINT COVER HOLLOW METAL DOOR/BORROWED LIGHT FRAME

ALUMINUM FLUSH DOOR FLUSH WOOD DOOR OVERHEAD COILING DOOR SECTIONAL OVERHEAD DOOR- ALUMINUM 4 1/2" ALUMINUM-FRAMED STOREFRONT

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WIDE STYLE ALUMINUM ENTRANCE DOOR

GYPSUM BOARD SHAFT WALL ASSEMBLIES- 1" LINER PANEL 09 22 16-D 7/8" FURRING CHANNEL 09 22 16-E 1 1/2" FURRING CHANNEL 09 22 16-F 1 5/8" STEEL STUD 09 22 16-H 3 5/8" STEEL STUD

6" STEEL STUD

RESILIENT CHANNEL

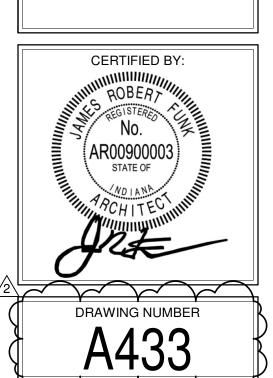
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SUSPENDED GYPSUM BOARD CEILING ASSEMBLY 09 29 00-F METAL J- MOULD 09 51 13-A ACOUSTICAL CEILING SUSPENSION ASSEMBLY DECORATIVE ACOUSTICAL CEILING EDGE TRIM 09 51 13-C

RECESSED FIRE EXTINGUISHER CABINET ROLLER WINDOW SHADES- SEE EQUIPMENT SCHEDULE 12 24 13-A METAL BUILDING SYSTEMS GIRT 13 34 19-A 13 34 19-C METAL BUILDING SYSTEMS STRUCTURE

METAL BUILDING SYSTEMS INSULATION AND VAPOR BARRIER DRAINING GRANULAR FILL SIDEWALK- SEE CIVIL SHEETS ORNAMENTAL FENCE- SEE CIVIL SHEETS

DRAWING TITLE: PLAN DETAILS



PROJECT NUMBER

2022016

S YORKTOWN HIGH ADDITIONS AND REN

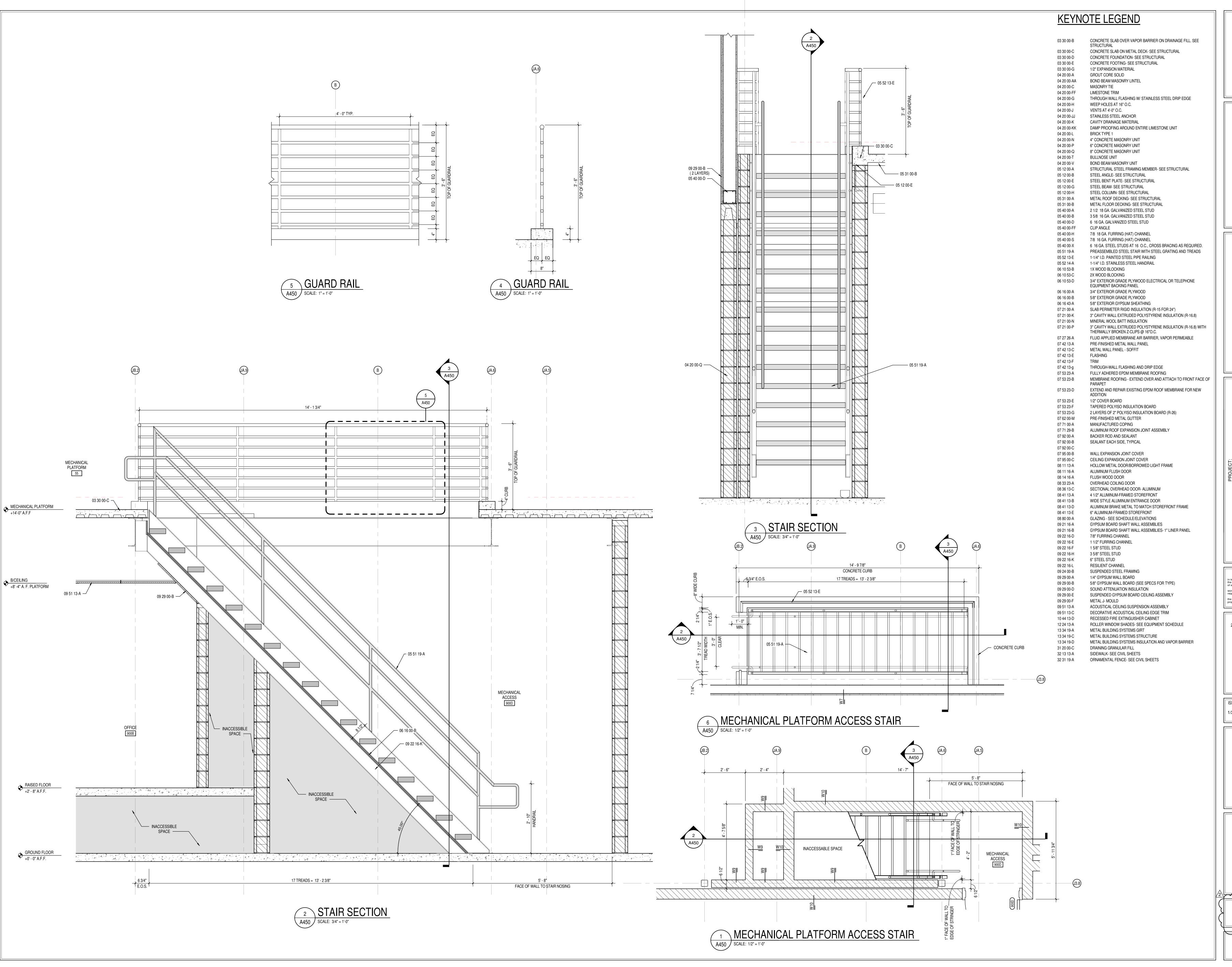
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On the basis of the general scope indicated or described the trade contractors shall furnish all items required for the the trade contractors shall furnish all items required for the proper execution and completion of the work. REVISIONS:

ADDENDUM #2 02-22-24

ISSUE DATE | DRAWN BY | CHECKED BY 1/26/2024 KMD EH





8831 Keystone Crossing, Indianapolis, IN 46240

ADDITIONS AND RENNOVATIONS

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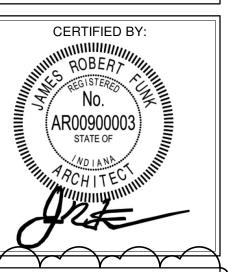
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ADDENDUM #2 02-22-24

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VERTICAL
CIRCULATION
DETAILS



DRAWING NUMBER

A450

PROJECT NUMBER

2022016

					•	
			CASEWORK SCHEDULE	: - BASE CABINETS	S	
Type Mark	Description	Spec. Section	Manufacturer	Model	Size	Type Comments
B1	BASE CABINET - 1 DOOR, FIXED DRAWER	12 35 55	STEVENS INDUSTRIES	10467	18"Wx32"Hx24"D	
B2	BASE CABINET - 4 DRAWER	12 35 55	STEVENS INDUSTRIES	10370	24"Wx32.5"Hx24" D	
B3	BASE CABINET - 1 DOOR, FIXED DRAWER	12 35 55	STEVENS INDUSTRIES	10468	18"Wx32"Hx24"D	
B4	BASE CABINET - 2 DOOR, 1 DRAWER	12 35 55	STEVENS INDUSTRIES	10439	30"Wx35"Hx24"D	
B5	BASE CABINET - 2 DOOR SINK BASE	12 35 55	STEVENS INDUSTRIES	10488	39"Wx35"Hx24"D	
B6	BASE CABINET - 4 DRAWER	12 35 55	STEVENS INDUSTRIES	10370	24"Wx33"Hx24"D	
B7	BASE CABINET - 2 DOOR, 1 DRAWER	12 35 55	STEVENS INDUSTRIES	10439	30"Wx32"Hx24"D	
B8	BASE CABINET - 2 DRAWERS AND 2 DOORS	12 32 16	STEVENS INDUSTRIES	10432	33"Wx32"Hx24"D	
B9	BASE CABINET - 1 DOOR, 4 DRAWER	12 32 16	STEVENS INDUSTRIES	10762	42"Wx32"Hx24"D	
B10	BASE CABINET - 2 DOOR, 1 DRAWER	12 35 55	STEVENS INDUSTRIES	10439	30"Wx28.5"Hx24"	
טוט	BASE CABINET - 2 DOOR, 1 DRAWER	12 33 33	31EVENS INDUSTRIES	10439	D WX28.3 11X24	
B11	BASE CABINET - 2 DOOR	12 35 55	STEVENS INDUSTRIES	10129	36"Wx32"Hx24"D	
B12	BASE CABINET - MEMO DESK	12 35 55	STEVENS INDUSTRIES	10578	36"Wx32"Hx24"D	
B13	BASE CABINET - ADA SINK BASE	12 35 55	STEVENS INDUSTRIES	10570	36"Wx24"Hx24"D	
B14	BASE CABINET - 2 DOOR		STEVENS INDUSTRIES	10129		
		12 35 55			36"Wx35"Hx24"D	
B16	BASE CABINET - 1 DOOR, FIXED DRAWER	12 35 55	STEVENS INDUSTRIES	10467	18"Wx 35"Hx24"D	
B18	BASE CABINET - 1 DOOR, 1 DRAWER	12 35 55	STEVENS INDUSTRIES	10422	18"Wx32"Hx24"D	
B23	BASE CABINET - ADA SINK BASE	12 35 57	STEVENS INDUSTRIES	10580	39"Wx24"Hx24"D	
B24	BASE CABINET- 2 DRAWER	12 35 57	STEVEN INDUSTRIES	10300	24"wX28.5"Hx24" D	
B25	BASECABINET TOOOR, LORAWER	1235-55	STEVENS/INDUSTRIES	10421	√ 18°W×85"Hx24°D	
B26	BASE CABINET - 1 DOOR, 1 DRAWER	12 35 55	STEVENS INDUSTRIES	10422	18"Wx35"Hx24"D	
B27	BASE CABINET - 2 DOOR SINK BASE	12 35 55	STEVENS INDUSTRIES	10488	60"Wx35"Hx24"D	
B28	BASE CABINET - 2 DOOR, 1 DRAWER	12 35 55	STEVENS INDUSTRIES	10439	36"Wx35"Hx24"D	
B29	BASE CABINET - 4 DRAWER	12 35 55	STEVENS INDUSTRIES	10370	18"Wx35"Hx24"D	
B30	BASE CABINET - 2 DOOR, 1 DRAWER	12 35 55	STEVENS INDUSTRIES	10439	36"Wx32"Hx24"D	
B31	BASE CABINET - 1 DOOR, 1 DRAWER	12 35 55	STEVENS INDUSTRIES	10421	18"Wx32"Hx24"D	
			CASEWORK SCHEDULE	E - TALL CABINETS		
Type Mark	Description	Spec. Section	Manufacturer	Model	Size	Type Comments
T1	TALL CASEWORK - 2 DOOR	12 35 55	STEVENS INDUSTRIES	25129	33"Wx84"Hx24"D	
T2	TALL CASEWORK - 2 DOOR	12 35 55	STEVENS INDUSTRIES	24129	42"Wx78"Hx29"D	
T3	TALL CASEWORK - OPEN FRONT SHELVING	12 35 55	STEVENS INDUSTRIES	25101	36"Wx84"Hx24"D	
T4	TALL CASEWORK - 2 DOOR BIN STORAGE	12 35 55	STEVENS INDUSTRIES	25275	48"Wx84"Hx24"D	
T6	TALL CASEWORK - 2 DOOR	12 35 55	STEVENS INDUSTRIES	25137	48"Wx84"Hx29"D	
T7	TALL CASEWORK - TEACHERS WARDROBE	12 35 55	STEVENS INDUSTRIES	25617	36"Wx84"Hx24"D	
<del>1</del> 8	TALL CASEWORK-2 DOOR	12 35 55	$\sim$	25617	36"Wx84"Hx29"D	
T9	TALL MICROSCOPE CASEWORK - 2 DOOR	<u> </u>	STEVENS INDUSTRIES	47733	1 1	<u> </u>
T10	TALL CASEWORK - 2 DOOR	12 35 55	STEVENS INDUSTRIES	25137	48"Wx84"Hx29"D	
T11	TALL CASEWORK - OPEN FRONT SHELVING	12 35 55	STEVENS INDUSTRIES	25101	36"Wx84"Hx24"D	
	TALLANDERSCOPE CASEWORK - DOOR !		STEVENS INDUSTRIES	47743	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A A A A A

T7_	TALL CASEWORK - TEACHERS WARDROBE	12 35 55	STEVENS INDUSTRIES	25617	36"Wx84"Hx24"D	
<del>7</del> 8	TALL CASEWORK-2 DOOR	12 35 \$5	STEVENS INDUSTRIES	25617~	36"Wx84"Hx29"D	
T9	TALL MICROSCOPE CASEWORK - 2 DOOR	•	STEVENS INDUSTRIES	47733		
T10	TALL CASEWORK - 2 DOOR	12 35 55	STEVENS INDUSTRIES	25137	48"Wx84"Hx29"D	
T11	TALL CASEWORK - OPEN FRONT SHELVING	12 35 55	STEVENS INDUSTRIES	25101	36"Wx84"Hx24"D	
T12~	TALLANGROSCORE CASEWORK-2DOOR		STEVENS AND USTRIES	<i>477</i> /33		
T13	TALL CASEWORK - OPEN FRONT SHELVING	12 35 55	STEVENS INDUSTRIES	25101	30"Wx84"Hx24"D	
T14	TALL STORAGE - 2 DOOR		STEVENS INDUSTRIES	25129		
			CASEWORK SCHEDULE	- WALL CABINETS		
Type		Spec.				
Mark	Description	Section	Manufacturer	Model	Size	Type Comments
W1	WALL CABINET - 2 DOOR	12 35 55	STEVENS INDUSTRIES	15182	48"Wx30"Hx14"D	
W2	WALL CABINET - OPEN SHELVING	12 35 55	STEVENS INDUSTRIES	15101	24"Wx30"Hx14"D	

36"Wx30"Hx14"D

33"Wx30"Hx14"D

39"Wx30"Hx14"D

30"Wx30"Hx14"D

24"Wx30"Hx14"D

W5 V	VALL CABINET - 2 DOOR	12 32 16	STEVENS INDUSTRIES	15129	36"Wx18"Hx14"D	
WEV	VALK CABINET - 2 DOOR	123216	STEVENSTRUBUSTRUES	15129	42"Wx30"Hx14"D	
W11 V	VALL CABINET - 2 DOOR	12 35 55	STEVENS INDUSTRIES	15182	48"Wx30"Hx 14"D	Y Y Y
		ALTERI	NATE CASEWORK SCHEDU	LE - LOUNGE & MA	AILROOM	
Туре		Spec.				
Mark	Description	Section	Manufacturer	Model	Size	Type Comments
B18	BASE CABINET - 2 DOOR, 2 DRAWER	12 32 16	STEVENS INDUSTRIES	10441	39"Wx32"Hx24"D	
B19	BASE CABINET - 2 DOOR, 2 DRAWER	12 32 16	STEVENS INDUSTRIES	10441	36"Wx32"Hx24"D	
B20	BASE CABINET - OPEN SHELVES	12 32 16	STEVENS INDUSTRIES	10101	24"Wx32"Hx24"D	
B21	BASE CABINET - 2 DOOR, 2 DRAWER	12 32 16	STEVENS INDUSTRIES	10441	30"Wx32"Hx24"D	
B22	BASE CABINET - 2 DRAWER	12 32 16	STEVENS INDUSTRIES	10315	24"Wx32"Hx24"D	
B23	BASE CABINET - ADA SINK BASE	12 35 57	STEVENS INDUSTRIES	10580	39"Wx24"Hx24"D	
W7	WALL CABINET - MAIL COMPARTMENTS	12 32 16	STEVENS INDUSTRIES	15252	48"Wx30"Hx14"D	

12 35 55 STEVENS INDUSTRIES 15101

12 32 16 STEVENS INDUSTRIES 15129

W3 WALL CABINET - OPEN SHELVING

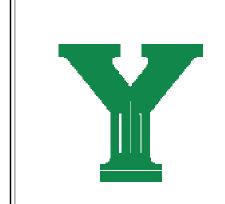
W4 WALL CABINET - 2 DOOR

W5 WALL CABINET - 2 DOOR

W8 WALL CABINET - 2 DOOR

W9 WALL CABINET - 2 DOOR

W10 WALL CABINET - 2 DOOR



YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

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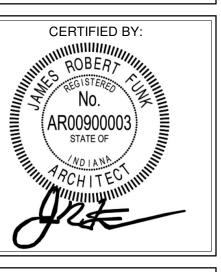
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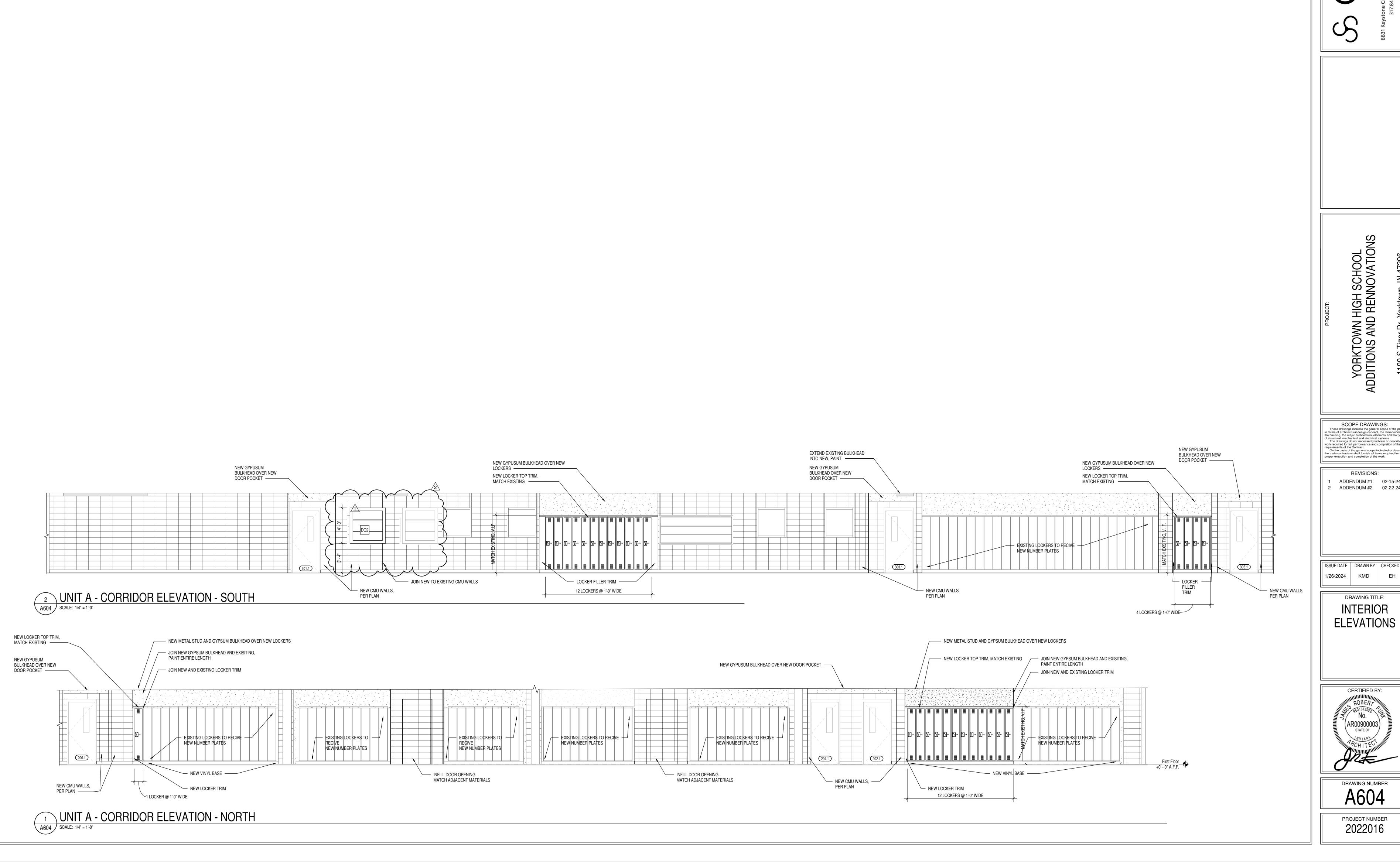
**REVISIONS:** 2 ADDENDUM #2 02-22-24

ISSUE DATE | DRAWN BY | CHECKED BY 1/26/2024 KMD EH

> DRAWING TITLE: CASEWORK SCHEDULES



DRAWING NUMBER A601





YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

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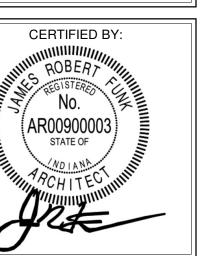
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**REVISIONS:** ADDENDUM #1 02-15-24 2 ADDENDUM #2 02-22-24

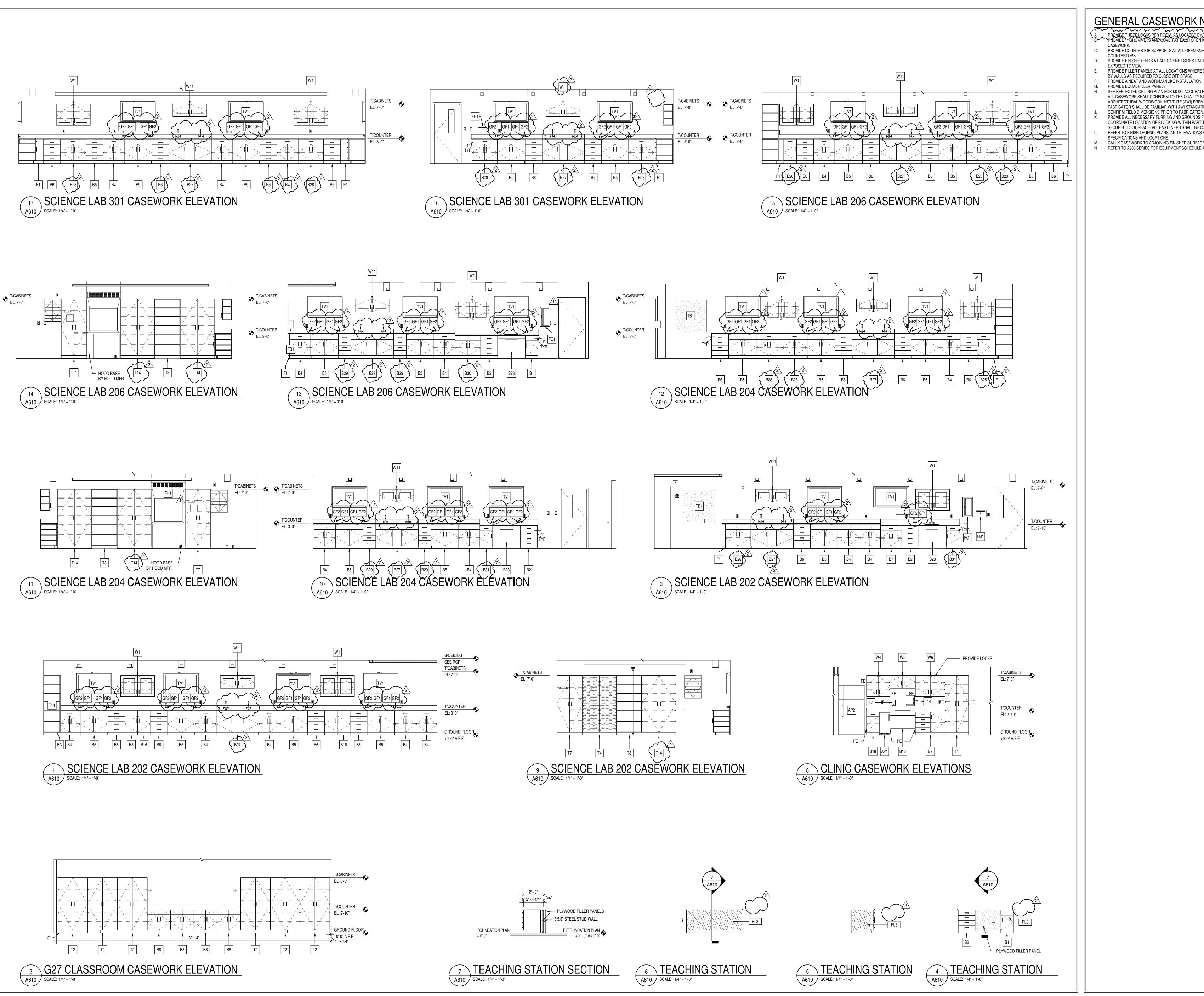
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DRAWING TITLE: INTERIOR

**ELEVATIONS** 



DRAWING NUMBER A604



C. PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN KNEE SPACE

COUNTERTOPS.

D. PROVIDE FINISHED ENDS AT ALL CABINET SIDES PARTIALLY OR FULLY

EXPOSED TO VIEW. PROVIDE FILLER PANELS AT ALL LOCATIONS WHERE CASEWORK IS FLANKED BY WALLS AS REQUIRED TO CLOSE OFF SPACE.

PROVIDE EQUAL FILLER PANELS. SEE REFLECTED CEILING PLAN FOR MOST ACCURATE CEILING HEIGHTS. ALL CASEWORK SHALL CONFORM TO THE QUALITY STANDARDS OF ARCHITECTURAL WOODWORK INSTITUTE (AWI) PREMIUM GRADE. FABRICATOR SHALL BE FAMILIAR WITH AWI STANDARDS.

PROVIDE ALL NECESSARY FURRING AND GROUNDS FOR CASEWORK COORDINATE LOCATION OF BLOCKING WITHIN PARTITIONS FOR ITEMS TO BE REFER TO FINISH LEGEND, PLANS, AND ELEVATIONS FOR ALL MATERIAL

CAULK CASEWORK TO ADJOINING FINISHED SURFACES. REFER TO A900 SERIES FOR EQUIPMENT SCHEDULE AND LOCATIONS.

YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

SCOPE DRAWINGS:

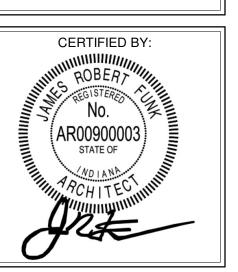
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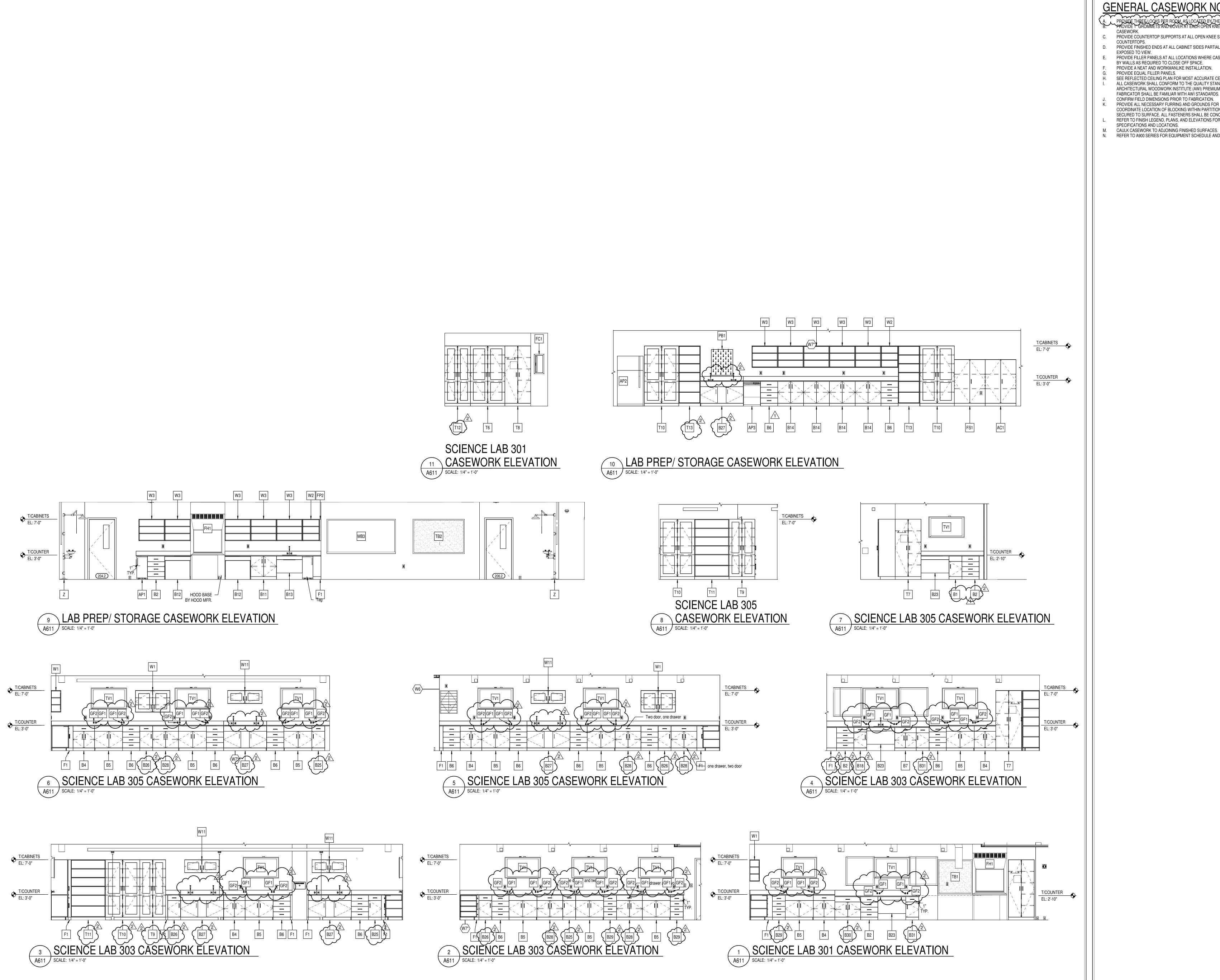
**REVISIONS:** ADDENDUM #1 02-15-24 2 ADDENDUM #2 02-22-24

ISSUE DATE | DRAWN BY | CHECKED BY 1/26/2024 KMD

> DRAWING TITLE: CASEWORK **ELEVATIONS**



DRAWING NUMBER A610



A. PROVIDE THREE LOCKS PER ROOM, AS LOCATED BY THE OWNER, U.N.O. B. PROVIDE I GROMMETS AND COVER AT EACH OPEN KNEE SPACE TYP. ALL

C. PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN KNEE SPACE

D. PROVIDE FINISHED ENDS AT ALL CABINET SIDES PARTIALLY OR FULLY

E. PROVIDE FILLER PANELS AT ALL LOCATIONS WHERE CASEWORK IS FLANKED BY WALLS AS REQUIRED TO CLOSE OFF SPACE.

H. SEE REFLECTED CEILING PLAN FOR MOST ACCURATE CEILING HEIGHTS. ALL CASEWORK SHALL CONFORM TO THE QUALITY STANDARDS OF ARCHITECTURAL WOODWORK INSTITUTE (AWI) PREMIUM GRADE.

K. PROVIDE ALL NECESSARY FURRING AND GROUNDS FOR CASEWORK. COORDINATE LOCATION OF BLOCKING WITHIN PARTITIONS FOR ITEMS TO BE SECURED TO SURFACE. ALL FASTENERS SHALL BE CONCEALED. REFER TO FINISH LEGEND, PLANS, AND ELEVATIONS FOR ALL MATERIAL

M. CAULK CASEWORK TO ADJOINING FINISHED SURFACES. N. REFER TO A900 SERIES FOR EQUIPMENT SCHEDULE AND LOCATIONS.



S YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATION

SCOPE DRAWINGS:

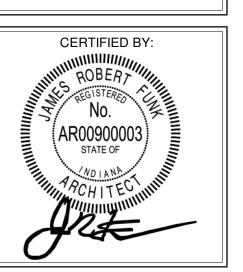
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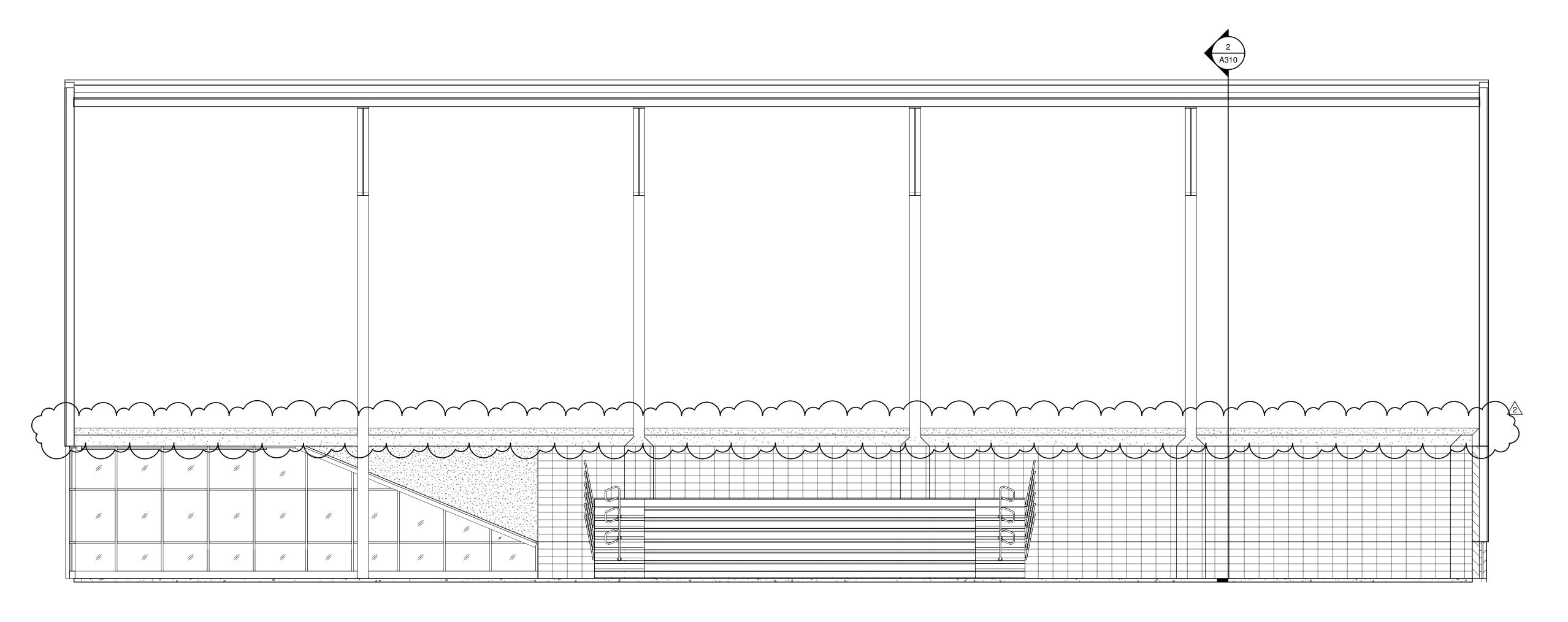
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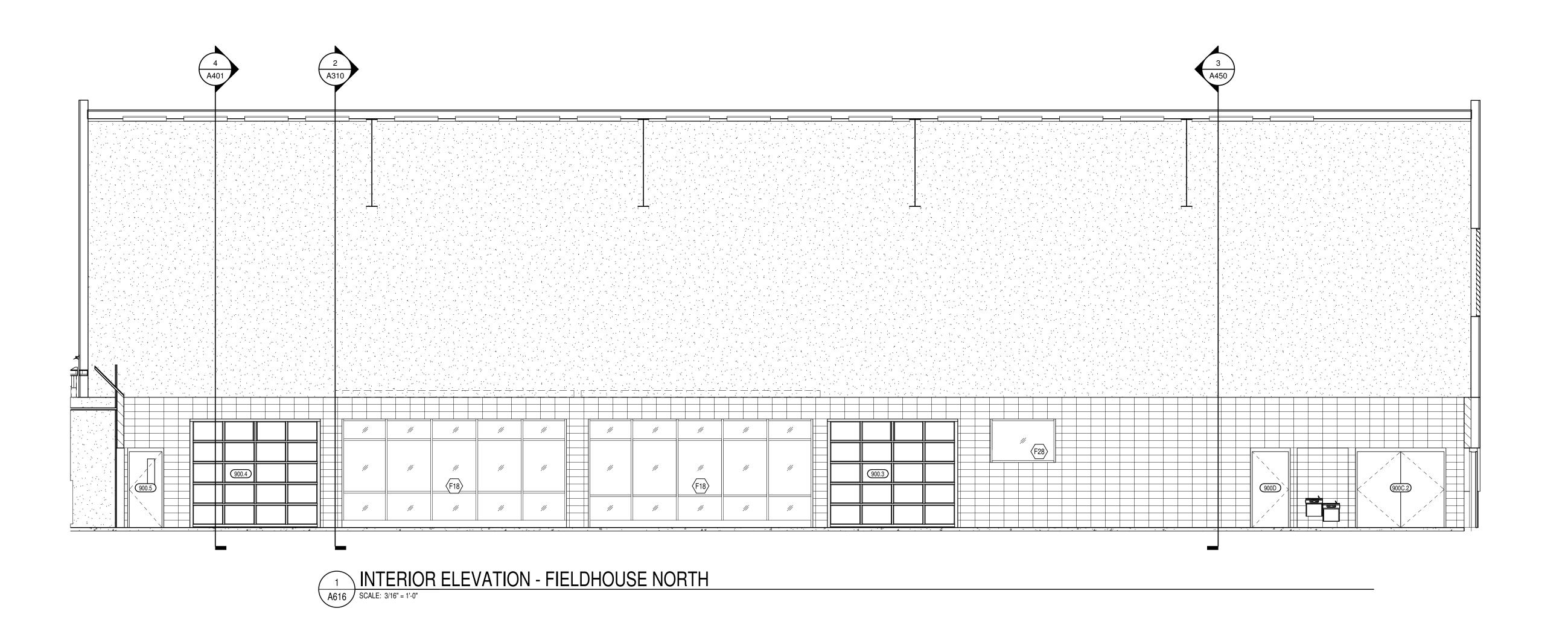
> DRAWING TITLE: CASEWORK **ELEVATIONS**

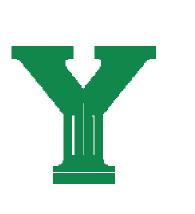


DRAWING NUMBER A611



2 INTERIOR ELEVATION - FIELDHOUSE SOUTH
A616 SCALE: 3/16" = 1'-0"





S831 Keystone Crossing, Indianapolis, IN 4624

YORKTOWN HIGH SCHOOL DITIONS AND RENNOVATIC

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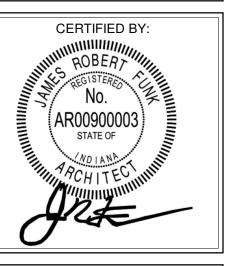
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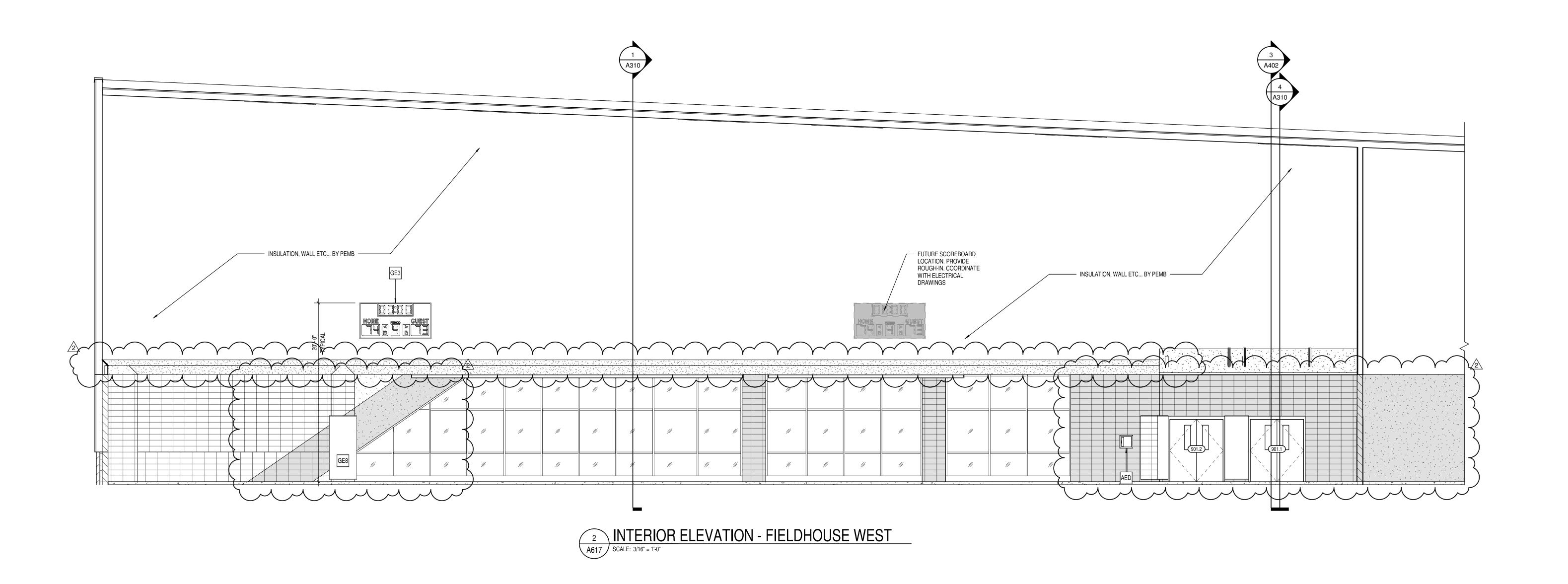
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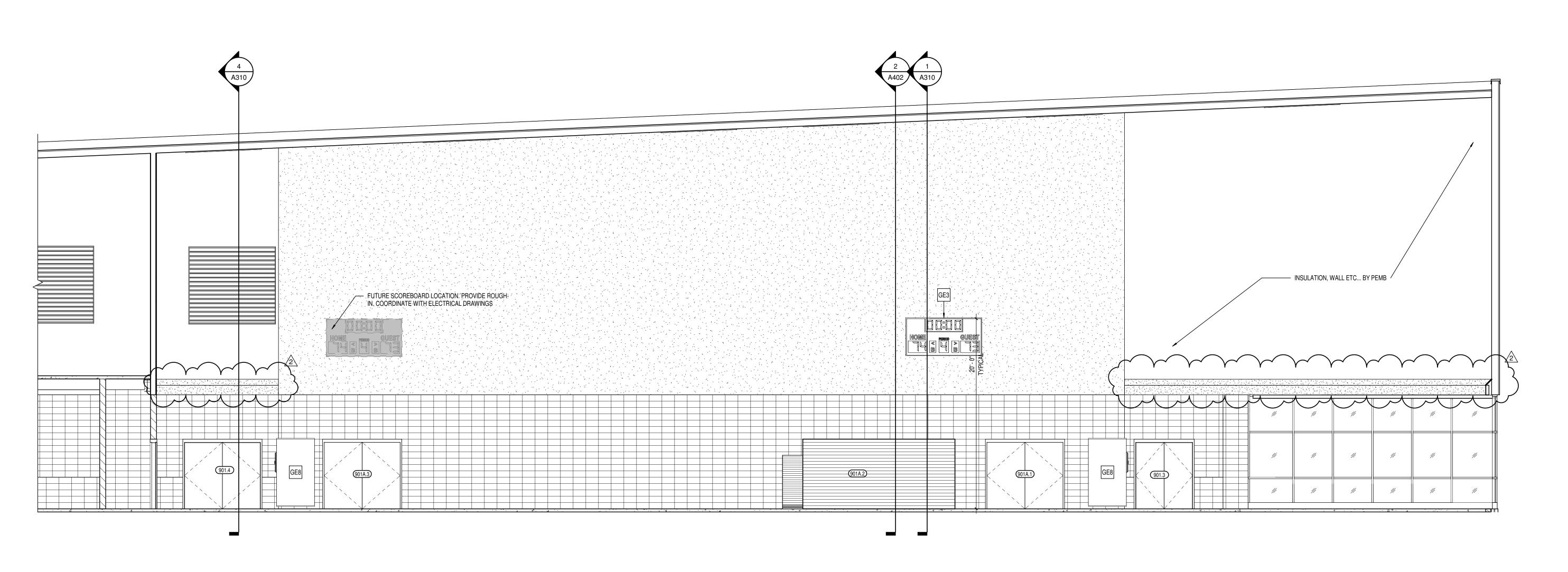
ISSUE DATE DRAWN BY CHECKED BY
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INTERIOR
ELEVATION



A616





1 INTERIOR ELEVATION - FIELDHOUSE EAST
A617 SCALE: 3/16" = 1'-0"



S831 Keystone Crossing, Indianapolis, IN 46240

YORKTOWN HIGH SCHOOL DITIONS AND RENNOVATIC

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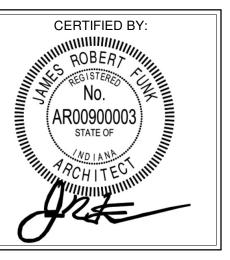
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REVISIONS:

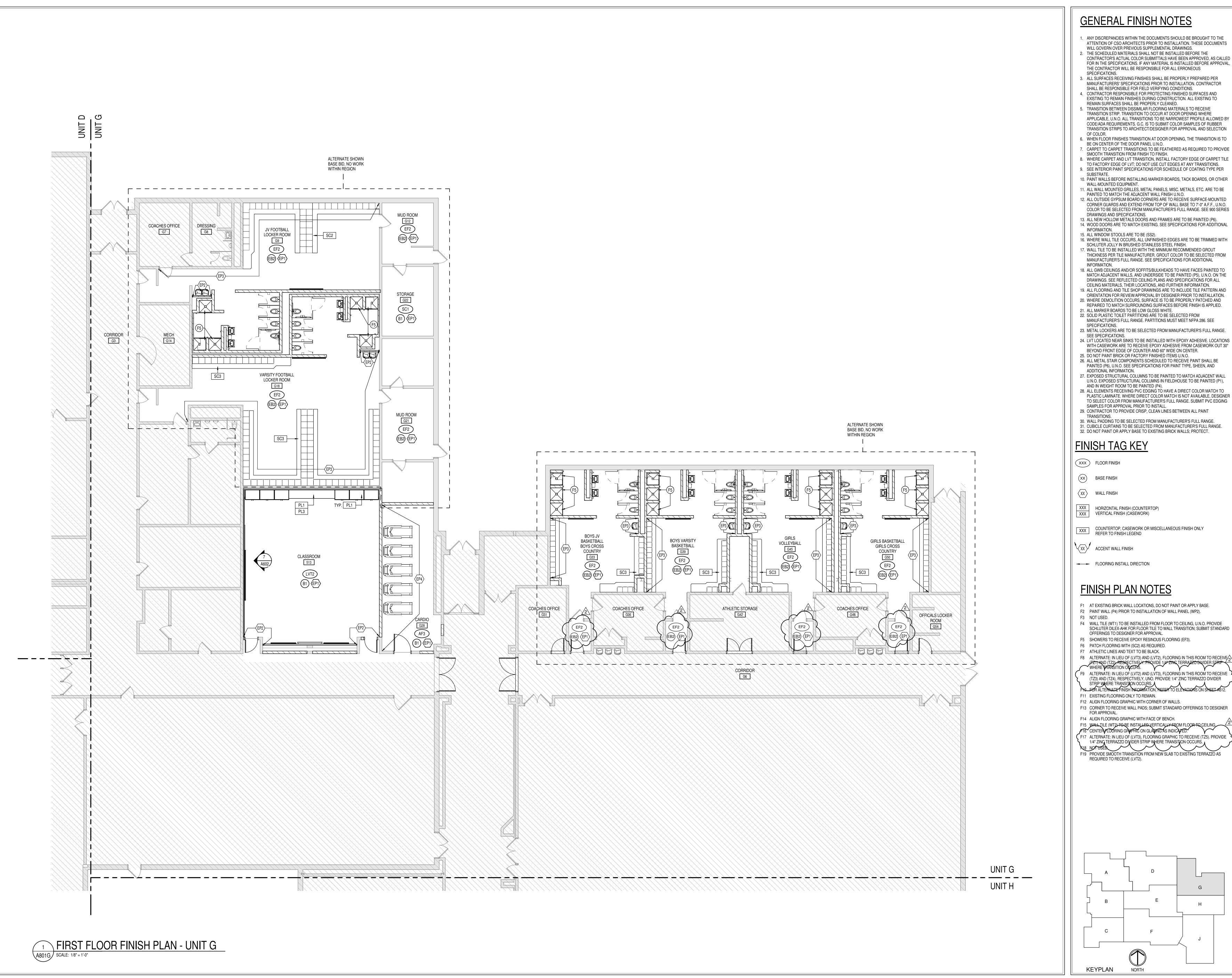
2 ADDENDUM #2 02-22-24

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INTERIOR
ELEVATION



A617



### GENERAL FINISH NOTES

- ANY DISCREPANCIES WITHIN THE DOCUMENTS SHOULD BE BROUGHT TO THE ATTENTION OF CSO ARCHITECTS PRIOR TO INSTALLATION, THESE DOCUMENTS
- WILL GOVERN OVER PREVIOUS SUPPLEMENTAL DRAWINGS. 2. THE SCHEDULED MATERIALS SHALL NOT BE INSTALLED BEFORE THE CONTRACTOR'S ACTUAL COLOR SUBMITTALS HAVE BEEN APPROVED, AS CALLED FOR IN THE SPECIFICATIONS. IF ANY MATERIAL IS INSTALLED BEFORE APPROVAL, THE CONTRACTOR WILL BE RESPONSIBLE FOR ALL ERRONEOUS
- SPECIFICATIONS. 3. ALL SURFACES RECEIVING FINISHES SHALL BE PROPERLY PREPARED PER MANUFACTURERS' SPECIFICATIONS PRIOR TO INSTALLATION, CONTRACTOR
- SHALL BE RESPONSIBLE FOR FIELD VERIFYING CONDITIONS. 4. CONTRACTOR RESPONSIBLE FOR PROTECTING FINISHED SURFACES AND EXISTING TO REMAIN FINISHES DURING CONSTRUCTION. ALL EXISTING TO REMAIN SURFACES SHALL BE PROPERLY CLEANED.
- 5. TRANSITION BETWEEN DISSIMILAR FLOORING MATERIALS TO RECEIVE TRANSITION STRIP. TRANSITION TO OCCUR AT DOOR OPENING WHERE APPLICABLE, U.N.O. ALL TRANSITIONS TO BE NARROWEST PROFILE ALLOWED BY CODE/ADA REQUIREMENTS, G.C. IS TO SUBMIT COLOR SAMPLES OF RUBBER TRANSITION STRIPS TO ARCHITECT/DESIGNER FOR APPROVAL AND SELECTION
- 6. WHEN FLOOR FINISHES TRANSITION AT DOOR OPENING, THE TRANSITION IS TO BE ON CENTER OF THE DOOR PANEL U.N.O. . CARPET TO CARPET TRANSITIONS TO BE FEATHERED AS REQUIRED TO PROVIDE SMOOTH TRANSITION FROM FINISH TO FINISH.
- TO FACTORY EDGE OF LVT; DO NOT USE CUT EDGES AT ANY TRANSITIONS. 9. SEE INTERIOR PAINT SPECIFICATIONS FOR SCHEDULE OF COATING TYPE PER SUBSTRATE.
- 10. PAINT WALLS BEFORE INSTALLING MARKER BOARDS, TACK BOARDS, OR OTHER WALL-MOUNTED EQUIPMENT. 11. ALL WALL MOUNTED GRILLES, METAL PANELS, MISC. METALS, ETC. ARE TO BE
- PAINTED TO MATCH THE ADJACENT WALL FINISH U.N.O. 12. ALL OUTSIDE GYPSUM BOARD CORNERS ARE TO RECEIVE SURFACE-MOUNTED CORNER GUARDS AND EXTEND FROM TOP OF WALL BASE TO 7'-0" A.F.F., U.N.O. COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. SEE 900 SERIES DRAWINGS AND SPECIFICATIONS.
- 13. ALL NEW HOLLOW METALS DOORS AND FRAMES ARE TO BE PAINTED (P6). 14. WOOD DOORS ARE TO MATCH EXISTING. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 15. ALL WINDOW STOOLS ARE TO BE (SS2). 16. WHERE WALL TILE OCCURS, ALL UNFINISHED EDGES ARE TO BE TRIMMED WITH
- SCHLUTER JOLLY IN BRUSHED STAINLESS STEEL FINISH. 17. WALL TILE TO BE INSTALLED WITH THE MINIMUM RECOMMENDED GROUT THICKNESS PER TILE MANUFACTURER. GROUT COLOR TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. SEE SPECIFICATIONS FOR ADDITIONAL
- 18. ALL GWB CEILINGS AND/OR SOFFITS/BULKHEADS TO HAVE FACES PAINTED TO MATCH ADJACENT WALLS, AND UNDERSIDE TO BE PAINTED (P5), U.N.O. ON THE DRAWINGS. SEE REFLECTED CEILING PLANS AND SPECIFICATIONS FOR ALL CEILING MATERIALS, THEIR LOCATIONS, AND FURTHER INFORMATION.
- 19. ALL FLOORING AND TILE SHOP DRAWINGS ARE TO INCLUDE TILE PATTERN AND ORIENTATION FOR REVIEW/APPROVAL BY DESIGNER PRIOR TO INSTALLATION. 20. WHERE DEMOLITION OCCURS, SURFACE IS TO BE PROPERLY PATCHED AND REPAIRED TO MATCH SURROUNDING SURFACES BEFORE FINISH IS APPLIED.
- 21. ALL MARKER BOARDS TO BE LOW GLOSS WHITE. 22. SOLID PLASTIC TOILET PARTITIONS ARE TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. PARTITIONS MUST MEET NFPA 286. SEE
- SPECIFICATIONS. 23. METAL LOCKERS ARE TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. SEE SPECIFICATIONS. 24. LVT LOCATED NEAR SINKS TO BE INSTALLED WITH EPOXY ADHESIVE. LOCATIONS
- WITH CASEWORK ARE TO RECEIVE EPOXY ADHESIVE FROM CASEWORK OUT 30" BEYOND FRONT EDGE OF COUNTER AND 60" WIDE ON CENTER. 25. DO NOT PAINT BRICK OR FACTORY FINISHED ITEMS U.N.O.
- 26. ALL METAL STAIR COMPONENTS SCHEDULED TO RECEIVE PAINT SHALL BE PAINTED (P6), U.N.O. SEE SPECIFICATIONS FOR PAINT TYPE, SHEEN, AND ADDITIONAL INFORMATION. 27. EXPOSED STRUCTURAL COLUMNS TO BE PAINTED TO MATCH ADJACENT WALL
- U.N.O. EXPOSED STRUCTURAL COLUMNS IN FIELDHOUSE TO BE PAINTED (P1), AND IN WEIGHT ROOM TO BE PAINTED (P4). 28. ALL ELEMENTS RECEIVING PVC EDGING TO HAVE A DIRECT COLOR MATCH TO
- PLASTIC LAMINATE. WHERE DIRECT COLOR MATCH IS NOT AVAILABLE, DESIGNER TO SELECT COLOR FROM MANUFACTURER'S FULL RANGE. SUBMIT PVC EDGING SAMPLES FOR APPROVAL PRIOR TO INSTALL.
- 29. CONTRACTOR TO PROVIDE CRISP, CLEAN LINES BETWEEN ALL PAINT TRANSITIONS. 30. WALL PADDING TO BE SELECTED FROM MANUFACTURER'S FULL RANGE.
- 31. CUBICLE CURTAINS TO BE SELECTED FROM MANUFACTURER'S FULL RANGE. 32. DO NOT PAINT OR APPLY BASE TO EXISTING BRICK WALLS; PROTECT.

# FINISH TAG KEY

XXX FLOOR FINISH

(XX) BASE FINISH

HORIZONTAL FINISH (COUNTERTOP) XXX VERTICAL FINISH (CASEWORK)

COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND

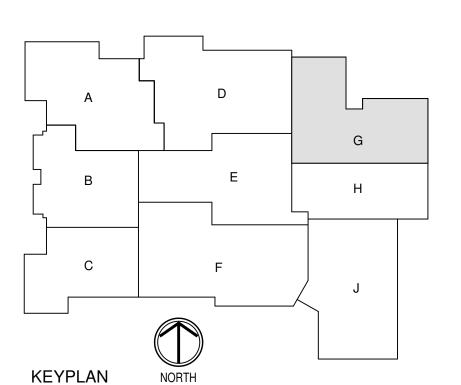
ACCENT WALL FINISH

FLOORING INSTALL DIRECTION

#### FINISH PLAN NOTES

- F1 AT EXISTING BRICK WALL LOCATIONS, DO NOT PAINT OR APPLY BASE. F2 PAINT WALL (P4) PRIOR TO INSTALLATION OF WALL PANEL (WP2).
- F3 NOT USED. F4 WALL TILE (WT1) TO BE INSTALLED FROM FLOOR TO CEILING, U.N.O. PROVIDE
- SCHLUTER DILEX-AHK FOR FLOOR TILE TO WALL TRANSITION; SUBMIT STANDARD OFFERINGS TO DESIGNER FOR APPROVAL.
- F5 SHOWERS TO RECEIVE EPOXY RESINOUS FLOORING (EF3).
- F6 PATCH FLOORING WITH (SC2) AS REQUIRED. F7 ATHLETIC LINES AND TEXT TO BE BLACK.
- F9 ALTERNATE: IN LIEU OF (LVT2) AND (LVT3), FLOORING IN THIS ROOM TO RECEIVE (TZ3) AND (TZ4), RESPECTIVELY, UNO. PROVIDE 1/4" ZINC TERRAZZO DIVIDER
- STRIP WHÈRE TRANSITION OCCURS.

  PHOFOR ALTERNATE FINISH INCOMMATION, REFER TO ELEVATIONS ON SHEET 4612. F11 EXISTING FLOORING ONLY TO REMAIN. F12 ALIGN FLOORING GRAPHIC WITH CORNER OF WALLS.
- F13 CORNER TO RECEIVE WALL PADS; SUBMIT STANDARD OFFERINGS TO DESIGNER FOR APPROVAL.
- F14 ALIGN FLOORING GRAPHIC WITH FACE OF BENCH. F15 WALL TILE (WT2) TO BE INSTALLED VERTICALLY FROM FLOOR TO CEILING 12 CENTER FLOORING GRAPHIC ON GLAZING AS INDICATED.
- F17 ALTERNATE: IN LIEU OF (LVT3), FLOORING GRAPHIC TO RECEIVE (TZ5). PROVIDE F19 PROVIDE SMOOTH TRANSITION FROM NEW SLAB TO EXISTING TERRAZZO AS REQUIRED TO RECEIVE (LVT2).





S YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATION

SCOPE DRAWINGS: These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

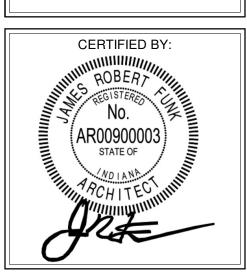
The drawings do not necessarily indicate or describe all equirements of the Contract.
On the basis of the general scope indicated or describ the trade contractors shall furnish all items required for the proper execution and completion of the work.

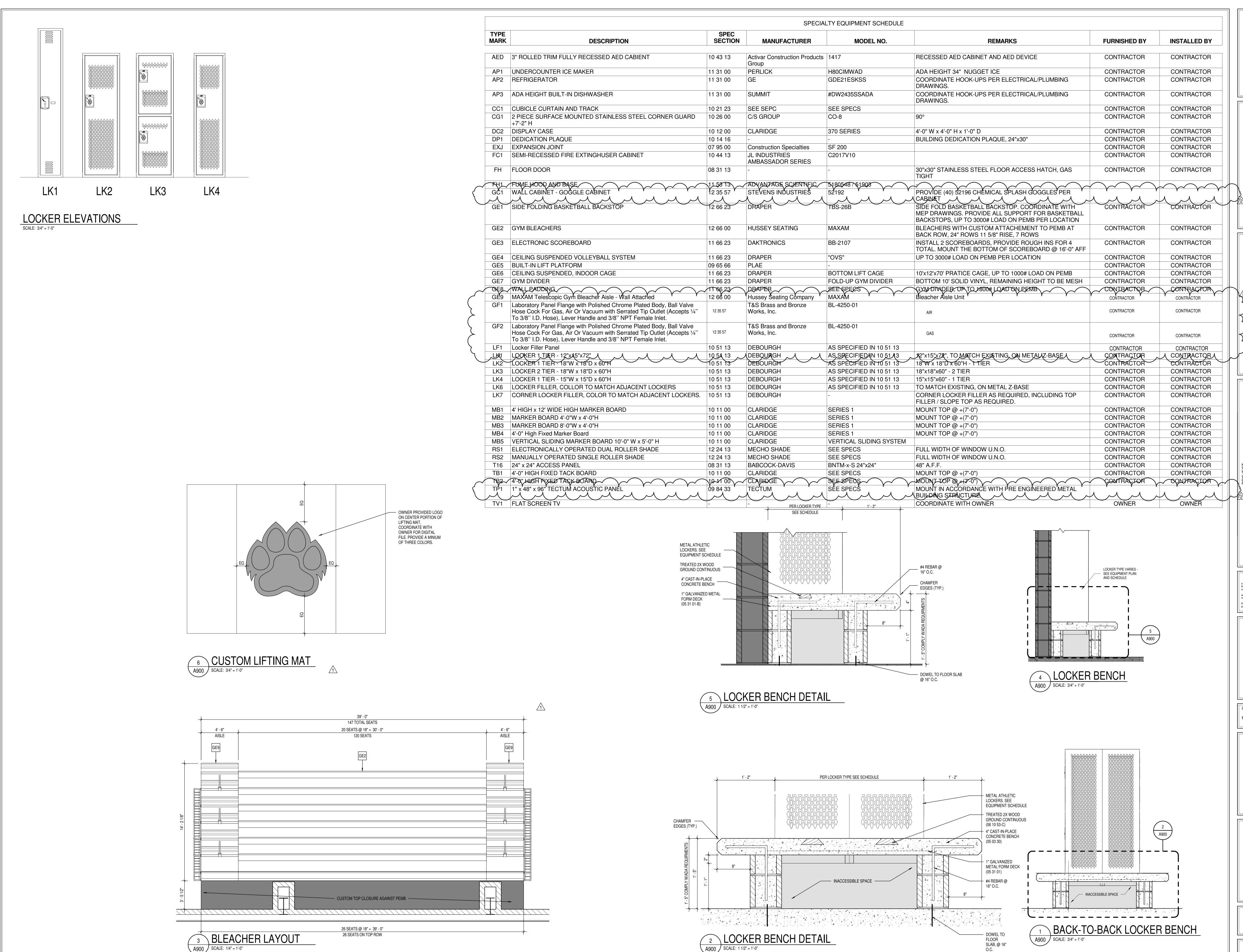
> REVISIONS: ADDENDUM #2 02-22-24

ISSUE DATE | DRAWN BY | CHECKED BY

1/26/2024 KMD EH

DRAWING TITLE: FIRST FLOOR FINISH PLAN -UNIT G





A900 SCALE: 1/4" = 1'-0"

A900 SCALE: 1 1/2" = 1'-0"



S I SCHOOL INOVATIONS YORKTOWN HIGH ADDITIONS AND REN

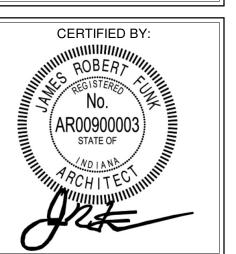
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> REVISIONS: ADDENDUM #1 02-15-24 ADDENDUM #2 02-22-24

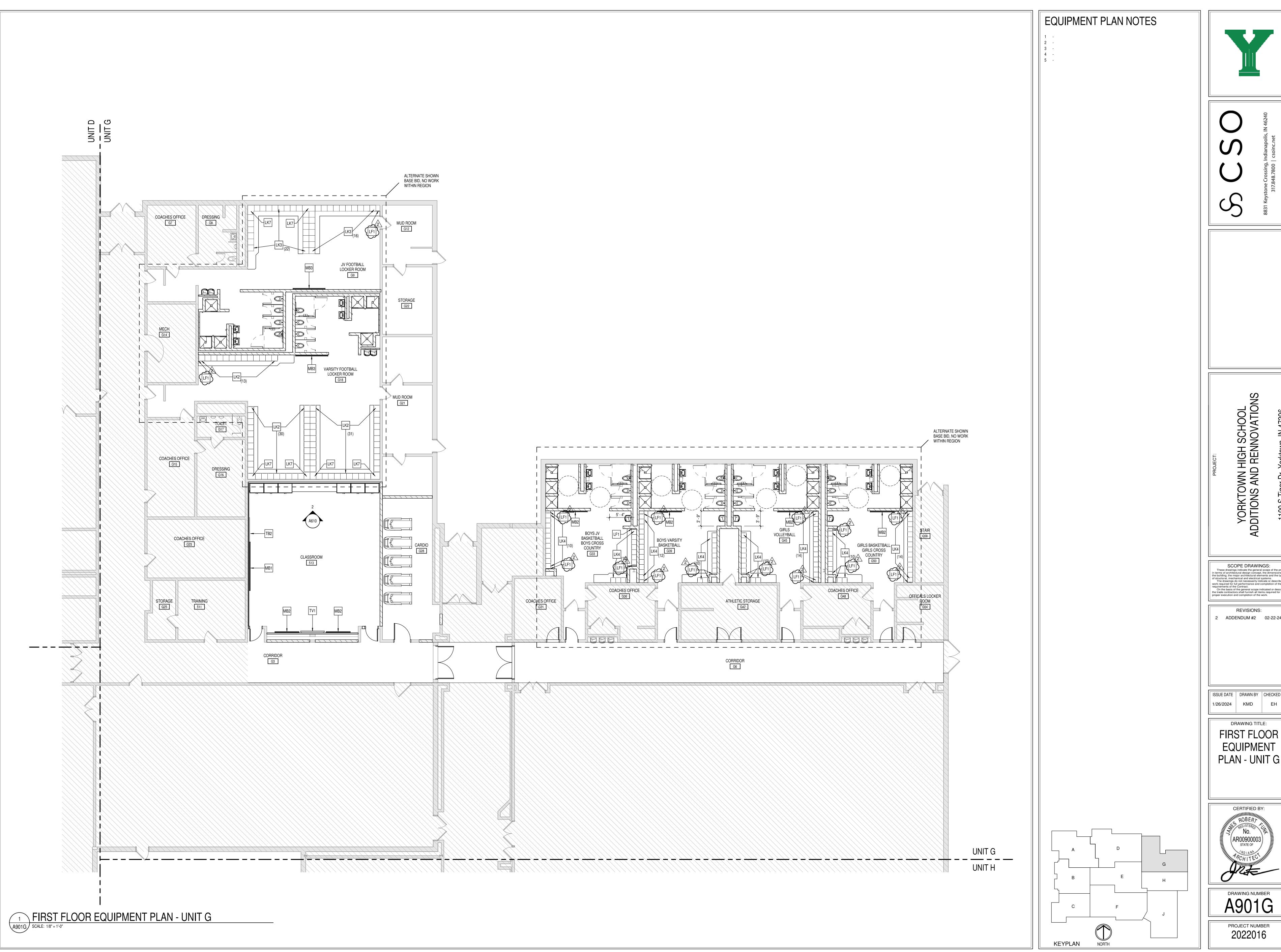
ISSUE DATE | DRAWN BY | CHECKED BY 1/26/2024 KMD

DRAWING TITLE: **EQUIPMENT** SCHEDULE AND **DETAILS** 



DRAWING NUMBER A900 PROJECT NUMBER

2022016





YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

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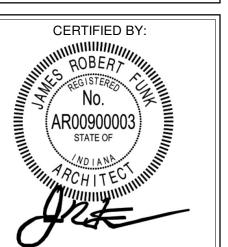
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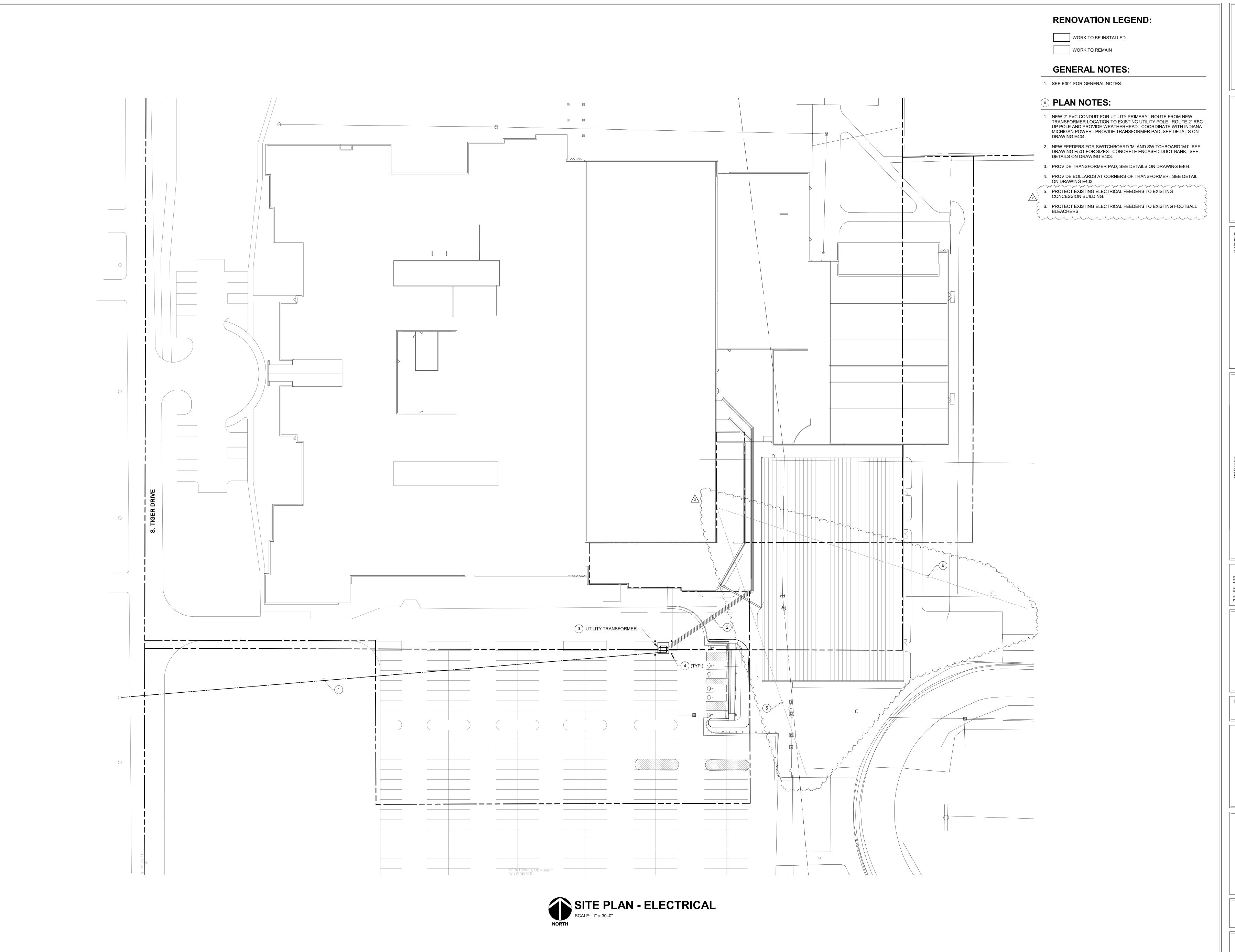
**REVISIONS:** 2 ADDENDUM #2 02-22-24

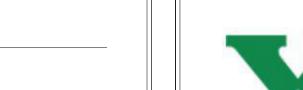
ISSUE DATE | DRAWN BY | CHECKED BY

DRAWING TITLE: FIRST FLOOR **EQUIPMENT** PLAN - UNIT G



DRAWING NUMBER A901G PROJECT NUMBER





HIGH SCHOOL RENNOVATIONS

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

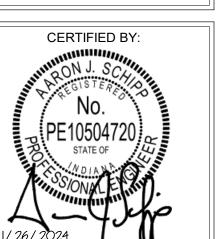
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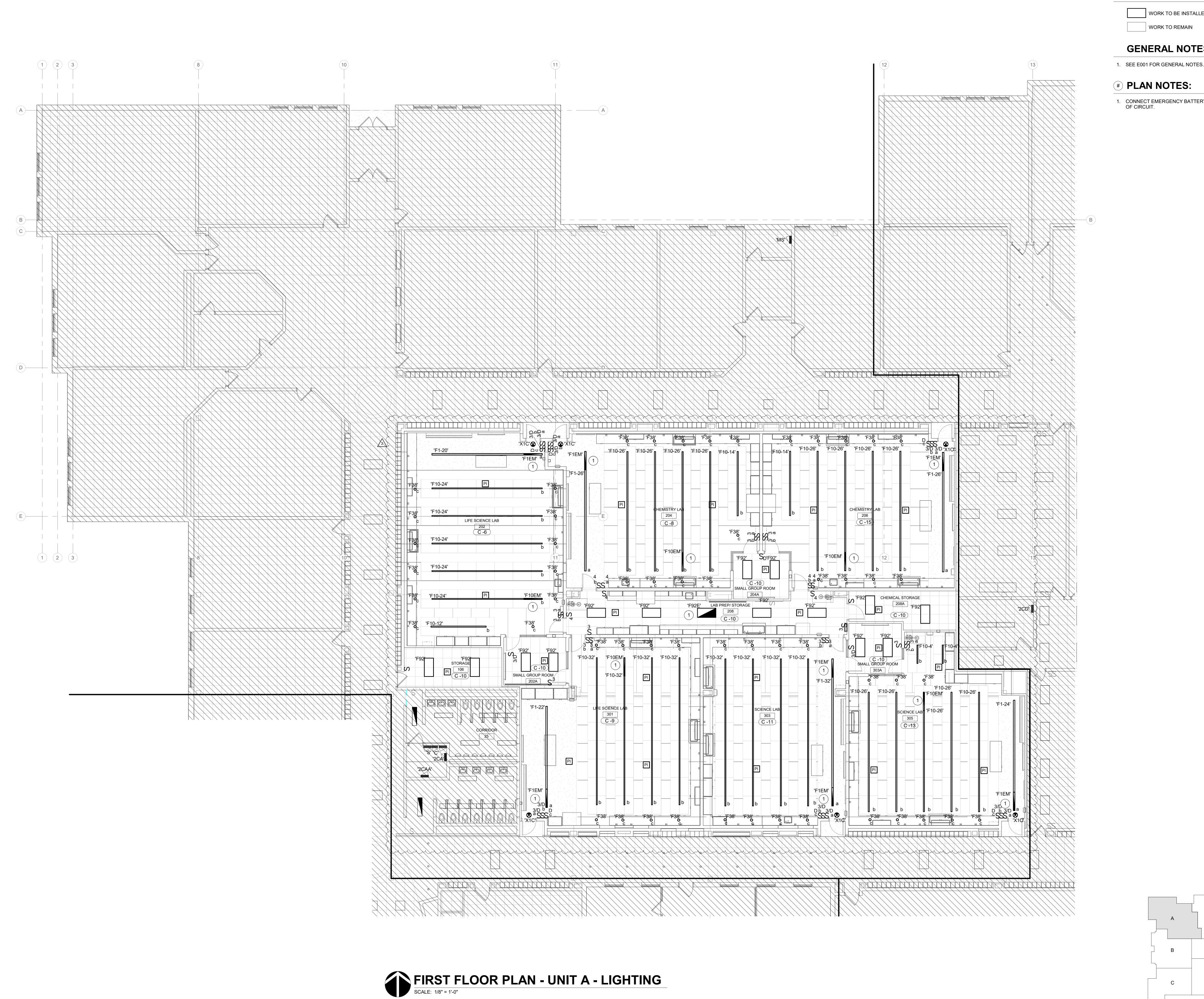
**REVISIONS:** Addendum #2 2024-02-22

ISSUE DATE | DRAWN BY | CHECKED BY 1/26/2024 AJS

> DRAWING TITLE: SITE PLAN -ELECTRICAL



E100





WORK TO BE INSTALLED

WORK TO REMAIN

### **GENERAL NOTES:**

CONNECT EMERGENCY BATTERY INVERTER TO UNSWITCHED LEG OF CIRCUIT.

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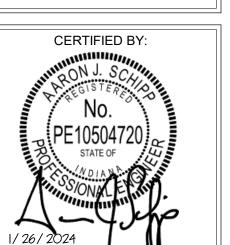
**REVISIONS:** Addendum #2 2024-02-22

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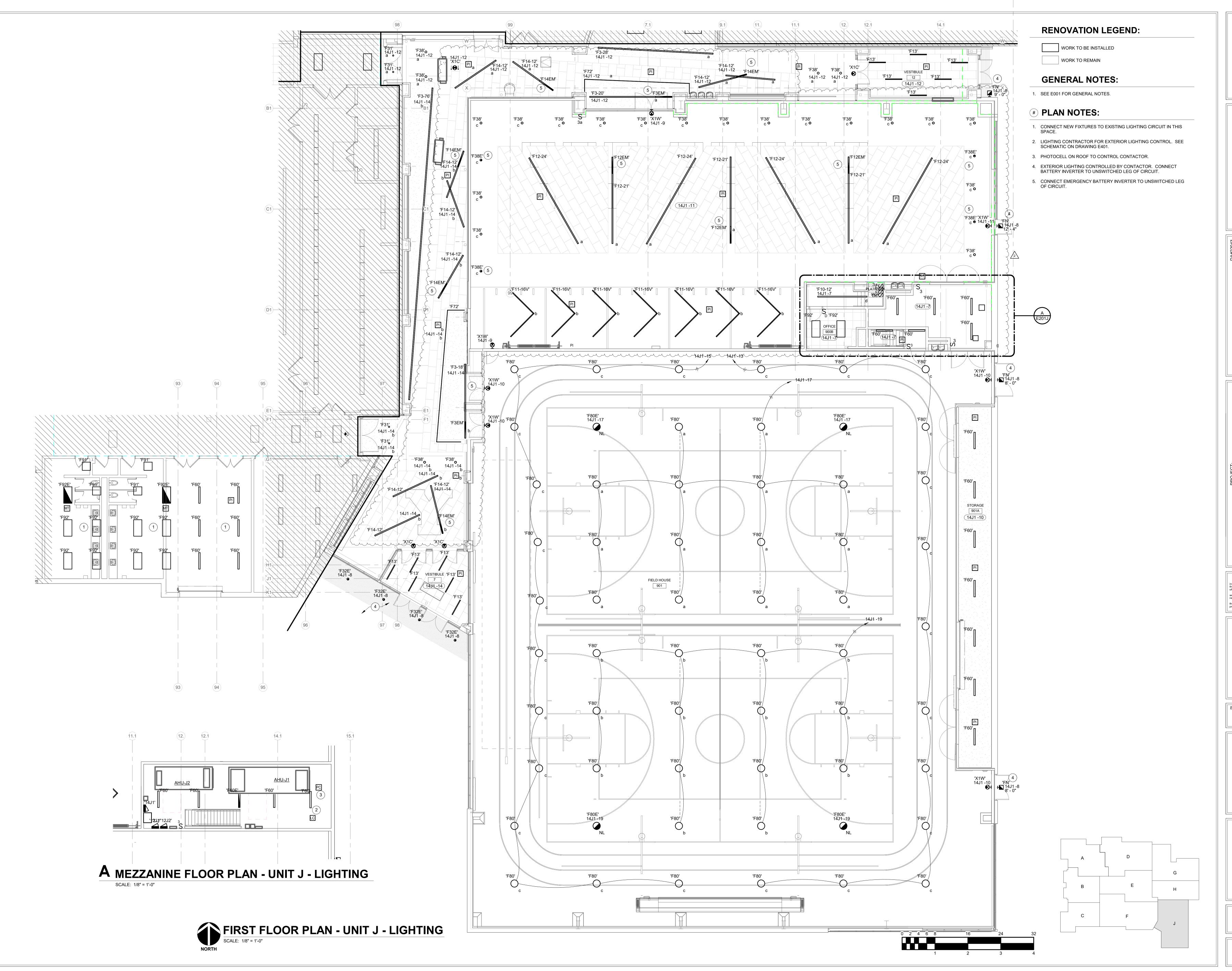
1/26/2024

DRAWING TITLE: FIRST FLOOR PLAN - UNIT A -LIGHTING



E201A PROJECT NUMBER 2022016







S31 Keystone Crossing, Indianapolis, IN 46240 317.848.7800 | csoinc.net

Associates, Inc.
Iting Engineers
th Capitol Avenue oolis, IN 46204
317) 638-8725

ADDITIONS AND RENNOVATIONS

SCOPE DRAWINGS:

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REVISIONS:

Addendum #1 2024-02-15

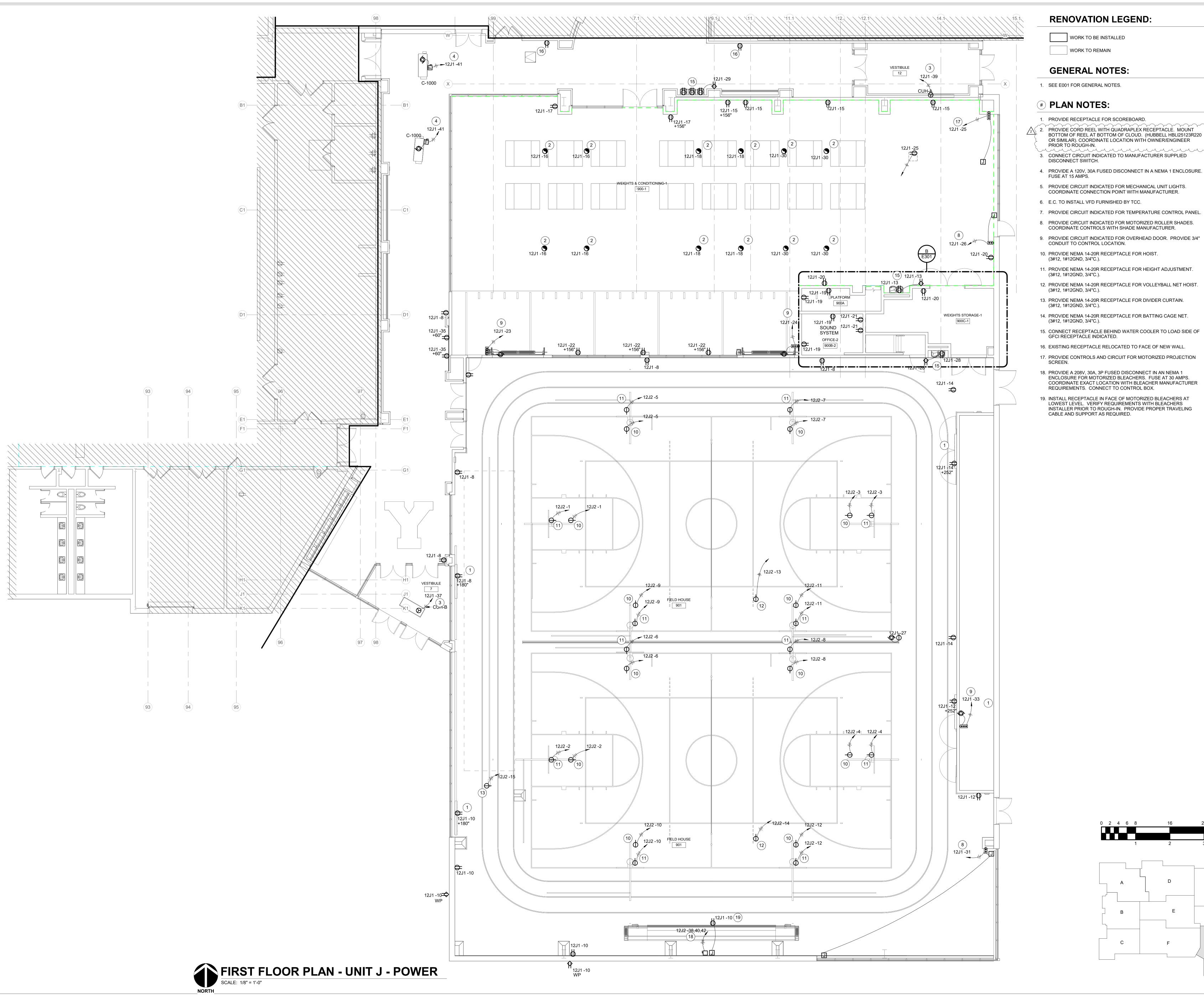
Addendum #2 2024-02-22

ISSUE DATE DRAWN BY CHECKED BY
1/26/2024 AJS AJS

FIRST FLOOR
PLAN - UNIT J &
F - LIGHTING



E201J







S

SCOPE DRAWINGS:

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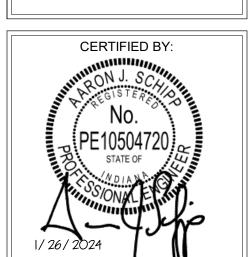
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Addendum #1 2024-02-15 Addendum #2 2024-02-22

DRAWING TITLE: FIRST FLOOR PLAN - UNIT J & F - POWER

AJS



E211J

MARK	DESCRIPTION INTERIOR LIGHT FIX					LUMENS	VOLTS	MANUFACTURER(S)	MARK
F1-8	LINEAR 2-INCH WIDE BY LENGTH INDICATED, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED. DRYWALL FLANGE	RECESSED	48 W	80	3500K	750/FT		STARTEK RSLIM SERIES LITECONTROL 2L-R-D SERIES MARK SLOT 2 SERIES ALW LPX2R SERIES	F1-8
F1-12 F1-20	SAME AS TYPE 'F1-8' EXCEPT LENGTH. SAME AS TYPE 'F1-8' EXCEPT LENGTH.	RECESSED RECESSED	72 W 120 W	80 80	3500K 3500K	750/FT 750/FT	120-277V 120-277V	TEN EI TEN GENEG	F1-12 F1-20
F1-22 F1-24	SAME AS TYPE 'F1-8' EXCEPT LENGTH. SAME AS TYPE 'F1-8' EXCEPT LENGTH.	RECESSED RECESSED	132 W 144 W	80 80	3500K 3500K	750/FT 750/FT	120-277V 120-277V		F1-22 F1-24
F1-26 F1-32	SAME AS TYPE 'F1-8' EXCEPT LENGTH. SAME AS TYPE 'F1-8' EXCEPT LENGTH.	RECESSED RECESSED	156 W 192 W	80 80	3500K 3500K	750/FT 750/FT	120-277V 120-277V		F1-26 F1-32
1EM 2-2V	PROVIDE 4' INTEGRAL EMERGENCY BATTERY INVERTER INTO FIXTURE SHOWN. LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED VERTICAL 2' LENGTH, WHITE DIFFUSER,	RECESSED RECESSED	26 W 14 W	80 80	3500K 3500K	750/FT 725/FT	120-277V 120-277V	BLAZE X - DIODE LED - CANAL	F1EM F2-2V
2-2V6H	0-10V DIMMING TO 10-PERCENT, NON-IC RATED.  LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED VERTICAL 'L' SHAPED 2' VERTICAL BY 6'	RECESSED	57 W	80	3500K	725/FT	120-277V	KELVIX UNI-WL SERIES OMNILIGHT GENESIS 2.0 SERIES BEAMEVER AREA-CHANNEL SERIES	F2-2V6H
0.411	HORIZONTAL, WHITE DIFFUSER, WHITE FINISH, 0-10V DIMMING TO 10-PERCENT, VERIFY LENGTHS IN FIELD PRIOR TO ORDERING, NON-IC RATED. SAME AS TYPE F2-2V EXCEPT HORIZONTAL AND VERTICAL LENGTHS.	DEOCOCED	00.144	00	050016	705/FT	100.0771/		F0 411
2-4H	LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED HORIZONTAL BY 4' LENGTH, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED, SAME AS TYPE F2-2V EXCEPT HORIZONTAL AND VERTICAL LENGTHS.	RECESSED	28 W	80	3500K	725/FT	120-277V		F2-4H
	LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED VERTICAL BY 4' LENGTH, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED, SAME AS TYPE F2-2V EXCEPT HORIZONTAL AND VERTICAL LENGTHS.	RECESSED	28 W	80	3500K	725/FT	120-277V		F2-4V
	LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTEDVERTICAL 'L' SHAPED, 4' VERTICAL BY 4' HORIZONTAL, WHITE DIFFUSER, WHITE FINISH, 0-10V DIMMING TO 10-PERCENT, VERIFY LENGTHS IN FIELD PRIOR TO ORDERING, NON-IC RATED, SAME AS TYPE F2-2V EXCEPT HORIZONTAL AND VERTICAL LENGTHS.  LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED VERTICAL 'L' SHAPED, 4' VERTICAL BY 8' HORIZONTAL, WHITE DIFFUSER, WHITE FINISH, 0-10V DIMMING TO 10-PERCENT, VERIFY LENGTHS IN FIELD	RECESSED	57 W 85 W	80	3500K 3500K	725/FT 725/FT	120-277V 120-277V		F2-4V4H
1V10H	PRIOR TO ORDERING, NON-IC RATED, SAME AS TYPE F2-2V EXCEPT HORIZONTAL AND VERTICAL LENGTHS.  LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED VERTICAL 'L' SHAPED, 4' VERTICAL BY 10'	RECESSED	99 W	80	3500K	725/FT	120-277V		F2-4V10H
-6V	HORIZONTAL, WHITE DIFFUSER, WHITE FINISH, 0-10V DIMMING TO 10-PERCENT, VERIFY LENGTHS IN FIELD PRIOR TO ORDERING, NON-IC RATED, SAME AS TYPE F2-2V EXCEPT HORIZONTAL AND VERTICAL LENGTHS.  LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTEDVERTICAL BY 6' LENGTH, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED, SAME AS TYPE F2-2V EXCEPT HORIZONTAL AND VERTICAL	RECESSED	43 W	80	3500K	725/FT	120-277V		F2-6V
-18	LENGTHS. LINEAR 2-INCH WIDE BY LENGTH INDICATED, BLACK HOUSING, WHITE DIFFUSER, 0-10V DIMMING TO	RECESSED	126 W	80	3500K	500/FT		STARTEK RSLIM SERIES	F3-18
	10-PERCENT, NON-IC RATED, DRYWALL FLANGE							LITECONTOL 2L-R-D SERIES MARK SLOT 2 SERIES ALW LPX2R SERIES	
3-20 3-28	SAME AS TYPE 'F3-18' EXCEPT LENGTH. SAME AS TYPE 'F3-18' EXCEPT LENGTH.	RECESSED RECESSED	140 W 196 W	80 80	3500K 3500K	500/FT 500/FT	120-277V 120-277V		F3-20 F3-28
5-76 EM	SAME AS TYPE 'F3-18' EXCEPT LENGTH.  PROVIDE 4' INTEGRAL EMERGENCY BATTERY INVERTER INTO FIXTURE SHOWN.	RECESSED RECESSED	540 W 28 W	80 80	3500K 3500K 3500K	500/FT 500/FT	120-277V 120-277V		F3-76 F3EM
0-4	LINEAR DIRECT 2-INCH WIDE BY LENGTH INDICATED, AIRCRAFT CABLE, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT.	SURFACE	28 W	80	3500K	500/FT	120-277V	STARTEK SLIMD SERIES LITECONTROL 2L-P-D SERIES MARK SLOT 2 SERIES ALW LPX2 SERIES	F10-4
)-14	SAME AS TYPE 'F10-4' EXCEPT LENGTH.  SAME AS TYPE 'F10-4' EXCEPT LENGTH.	SURFACE SURFACE	60 W 99 W	80 80	3500K 3500K	500/FT 500/FT	120-277V 120-277V		F10-12 F10-14
)-24	SAME AS TYPE 'F10-4' EXCEPT LENGTH.  SAME AS TYPE 'F10-4' EXCEPT LENGTH.  SAME AS TYPE 'F10-4' EXCEPT LENGTH.	SURFACE SURFACE SURFACE	156 W 170 W 185 W	80 80 80	3500K 3500K 3500K	500FT 500/FT 500/FT	120-277V 120-277V 120-277V		F10-22 F10-24 F10-26
	SAME AS TYPE 1-10-4 EXCEPT LENGTH.  SAME AS TYPE 1-10-4 EXCEPT LENGTH.  PROVIDE 4' INTEGRAL EMERGENCY BATTERY INVERTER INTO FIXTURE SHOWN.	SURFACE SURFACE	227 W 28 W	80 80 80	3500K 3500K 3500K	500/FT 500/FT	120-277V 120-277V 120-277V		F10-26 F10-32 F10EM
-16V	LINEAR 2-INCH WIDE 16 FOOT TOTAL LENGTH WITH 90 DEG. ILLUMINATED V CONNECTOR, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED, BLACK HOUSING.	SUSPENDED	85 W	80	3500K	750/FT	120-277V	LUMENWERX VIA1.5 LITECONTROL 2L-P-D SERIES	F10EM
<u>-</u>		CI : S						MARK SLOT 2 SERIES ALW LPX2 SERIES	
2-21	LINEAR DIRECT 2-INCH WIDE BY LENGTH INDICATED, AIRCRAFT CABLE, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT.	SUSPENDED	147 W	80	3500K	1000/FT		STARTEK SLIMD SERIES LITECONTROL 2L-P-D SERIES MARK SLOT 2 SERIES	F12-21
2-24	LINEAR DIRECT 2-INCH WIDE BY LENGTH INDICATED, AIRCRAFT CABLE, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, CUSTOM "KELLY GREEN" HOUSING TO BE SELECTED BY ARCHITECT.	SUSPENDED	168 W	80	3500K	1000/FT		ALW LPX2 SERIES	F12-24
					_			MARK SLOT 2 SERIES ALW LPX2 SERIES	
2EM 13	PROVIDE 4' INTEGRAL EMERGENCY BATTERY INVERTER INTO FIXTURE SHOWN.  LINEAR DIRECT 2-INCH X 4 -FOOT, WHITE RAISED TOP DIFFUSER, WHITE BOTTOM DIFFUSER, 0-10V DIMMING TO 10-PERCENT.	SUSPENDED T-BAR MOUNTED	28 W 28 W	80 80	3500K 3500K	1000/FT 1600		ARON EZT SERIES PARAFLEX PFX-5303 JLC-TECH T-BAR LED SERIES	F12EM F13
1-12	SAME AS TYPE 'F14-12' EXCEPT LENGTH.	SUSPENDED	60 W	80	3500K	500/FT	120-277V	JADEMAR JTGRID SERIES  STARTEK SLIMD SERIES	F14-12
		0001 21122			333311	000/11		LITECONTROL 2L-P-D SERES MARK SLOT 2 SERIES	
1EM 31	PROVIDE 4' INTEGRAL EMERGENCY BATTERY INVERTER INTO FIXTURE SHOWN.  OPEN DOWNLIGHT, 4-INCH DIAMETER APERTURE, CLEAR SEMI-SPECULAR REFLECTOR, SELF FLANGED, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	SUSPENDED RECESSED	28 W 14 W	80	3500K 3500K	500/FT 1100	120-277V	HALO COMMERCIAL HC4 SERIES LITHONIA LDN4 SERIES PRESCOLITE LFR-4RD SERIES	F14EM F31
32	OPEN DOWNLIGHT, 6-INCH DIAMETER APERTURE, CLEAR SEMI-SPECULAR REFLECTOR, SELF FLANGED,	RECESSED	20 W	80	3500K	2300		WILLIAMS 4DR SERIES HALO COMMERCIAL HC6 SERIES	F32
	0-10V DIMMING TO 10-PERCENT, NON-IC RATED.							LITHONIA LDN6 SERIES PRESCOLITE LFR-6RD SERIES WILLIAMS 6DS SERIES	
32E 35	SAME AS FIXTURE TYPE 'F32,' EXCEPT EMERGENCY BATTERY INVERTER.  OPEN DOWNLIGHT, 4-INCH BY 4-INCH SQUARE APERTURE, CLEAR SEMI-SPECULAR REFLECTOR, SELF FLANGED, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED RECESSED	20 W 14 W	80 80	3500K 3000K	2300 1000	120-277V 120-277V	HALO PRS4 LED SERIES PRESCOLITE LFR-4SQD SERIES LITHONIA LDN4 SERIES	F32E F35
38	6-INCH CYLINDER DOWNLIGHT, ALUMINUM HOUSING, CLEAR SEMI-SPECULAR REFLECTOR, MEDIUM DISTRIBUTION, 0-10V DIMMING TO 10-PERCENT, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES, CANOPY MOUNT.	SURFACE	20 W	80	3500K	2300		WILLIAMS 6CR SERIES  CONTECH CYL6 SERIES  PRESCOLITE LTC-6RDW SERIES  LITHONIA LDN6CYL SERIES	F38
38E	SAME AS FIXTURE TYPE 'F38,' EXCEPT WITH EMERGENCY BATTERY INVERTER.	SURFACE	20 W	80	3500K	2300	120-277V	WILLIAMS 6CR SERIES	F38E
41	WALL BRACKET 2-INCH WIDE, 24-INCH LENGTH, VERTICALLY MOUNTED, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT.	SURFACE WALL	31 W	80	3000K	2400		KUZCO BUTE WS8324 DAINOLITE VLD-174-24-PC EUROFASE 46822 ALW RLP2 SERIES	F41
60	4-FOOT LENSED INDUSTRIAL, FORMED STEEL HOUSING, WHITE FINISH, SEMI-FROST ACRYLIC DIFFUSER.	SURFACE/ CHAIN HUNG	48 W	80	3500K	5000		COLUMBIA MPS SERIES METALUX SNLED SERIES LITHONIA CSS SERIES	F60
60E	SAME AS TYPE 'F60' EXCEPT INTEGRAL EMERGENCY BATTERY INVERTER.	SURFACE/	48 W	80	3500K	5000	120-277V	WILLIAMS 75R SERIES	F60E
72	LED STRIP WITH EXTRUDED ALUMINUM CHANNEL WITH FROSTED LENS, FIELD-CUTTABLE EVERY 2-INCHES, 0-10V DIMMING TO 10-PERCENT, PROVIDE REMOTE LED POWER SUPPLIES AS REQUIRED. WHITE LIGHT RIBBON TO BE WARM WHITE. COLORED LIGHT RIBBON TO BE SELECTED BY ARCHITECT FROM	CHAIN HUNG PENDANT	7 W	80	3300K	96/FT		LUMINII CLAREO DAINOLITE VLD-174-24-PC	F72
76	MANUFACTURER'S STANDARD COLORS.  LED PENDANT IN "Y" CONFIGURATION, WHITE HOUSING, 24" SIDES.	PENDANT	80 W	LED	3500K			Q-TRAN VERS SERIES ALW LP1 SERIES ALLURE CV-Y2	F76
-								FLUXWERX PS1-S3 SERIES DAY-O-LITE TRIL-14-D	0
80	HIGH BAY FIXTURE, 80 CRI, WHITE FINISH, MEDIUM DISTRIBUTION, FROSTED GLASS OPTIC, WIRE GUARD, SAFETY HOOK, AND 3-FOOT CHAIN.	SUSPENDED	122 W	80	4000K	18000	120-277V	JADEMAR JADIL-YC  COLUMBIA CRN2 SERIES  METALUX UHBS SERIES  LITHONIA JEBL SERIES	F80
80E -81	SAME AS FIXTURE TYPE 'F80,' EXCEPT INTEGRAL EMERGENCY BATTERY INVERTER. 6-INCH APERATURE DOWNLIGHT, 80CRI, WET LOCATION LISTED, 0-10V DIMMING TO 10-PERCENT, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD FINISHES.	SUSPENDED SURFACE	122 W 16 W	80 80	4000K 3500K	18000 1032	120-277V 120-277V	JADEMAR JRHB-CPS SERIES  PRESCOLITE LBSLEDA10L SERIES HALO SLD612 SERIES	F80E F81
	LE SELO. LO DI ANCIATE DI FINOMINIMINI MOI MOTONEIXO DATALOG OF STAMBARD FINISHES.							JUNO 6RLS SERIES ELITE RL678 SERIES	
82	4-FOOT INDUSTRIAL, WET-LOCATION LISTED, GASKETED, NON-METALLIC HOUSING, RIBBED FROSTED ACRYLIC SHIELDING, STAINLESS STEEL LATCHES.	SURFACE/ SURFACE	47 W	80	3500K	4850	120-277V	COLUMBIA LXEM SERIES METALUX 4VT2 SERIES	F82
2E	SAME AS TYPE 'F82' EXCEPT INTEGRAL EMERGENCY BATTERY INVERTER.	WALL SURFACE/	47 W	80	3500K	4850	120-277V	LITHONIA FEM SERIES WILLIAMS 96R SERIES	F82E
		SURFACE WALL							
91	2 BY 2-FOOT FLAT PANEL, ACRYLIC LENS, BACK-LIT, 0-10V DIMMING TO 10-PERCENT	RECESSED	32 W	80	3500K	3500		TGS EA-P SERIES COLUMBIA CBT SERIES LITHONIA CPX SERIES	F91
92	SAME AS TYPE 'F91' EXCEPT INTEGRAL EMERGENCY BATTERY INVERTER.  2 BY 4-FOOT FLAT PANEL, ACRYLIC LENS, BACK-LIT, 0-10V DIMMING TO 10-PERCENT	RECESSED RECESSED	32 W 51 W	80 80	3500K 3500K	3500 6000	120-277V 120-277V	WILLIAMS BP SERIES  TGS EA-P SERIES  COLUMBIA CBT SERIES	F91E F92
92E	SAME AS TYPE 'F92' EXCEPT INTEGRAL EMERGENCY BATTERY INVERTER.	RECESSED	51 W	80	3500K	6000	120-277V	LITHONIA CPX SERIES WILLIAMS BP SERIES	F92E
	ARCHITECTURAL WALL PACK, WET LOCATION LISTED, FINISH TO BE SELECTED BY ARCHITECT FROM MANUFACTURER'S CATALOG OF STANDARD COLORS.	SURFACE WALL	40 W	70	3500K	4000	120-277V	HUBBELL SG SERIES LITHONIA WPX SERIES LUMARK XTOR SERIES	FN
(1C	THERMOPLASTIC EXIT SIGN, WHITE HOUSING, SELF POWERED, SELF DIAGNOSTIC.	SURFACE CEILING	5 W	80	GREEN	N/A	120-277V	CURRENT EVOLVE SERIES  DUAL-LITE SE SERIES  SURE-LITES CX SERIES	X1C
(1\//	THERMORI ASTIC EXIT SIGN WHITE HOUSING SELE DOWERED SELEDIA CALOCTIC	SURFACE	5 W	80	GREEN	N/A	120 277' '	LITHONIA LE SERIES WILLIAMS EXIT SERIES DUAL-LITE SE SERIES	X1W
(1W	THERMOPLASTIC EXIT SIGN, WHITE HOUSING, SELF POWERED, SELF DIAGNOSTIC.	WALL	υ VV	οU	GNEEN	IN/A		SURE-LITE SE SERIES SURE-LITES CX SERIES LITHONIA LE SERIES WILLIAMS EXIT SERIES	∧1VV



SCSC



and Associates, Inc.
Consulting Engineers

YORKTOWN HIGH SCHOOL DDITIONS AND RENNOVATION

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

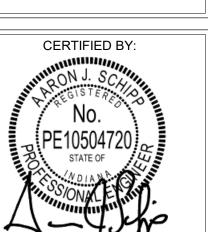
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

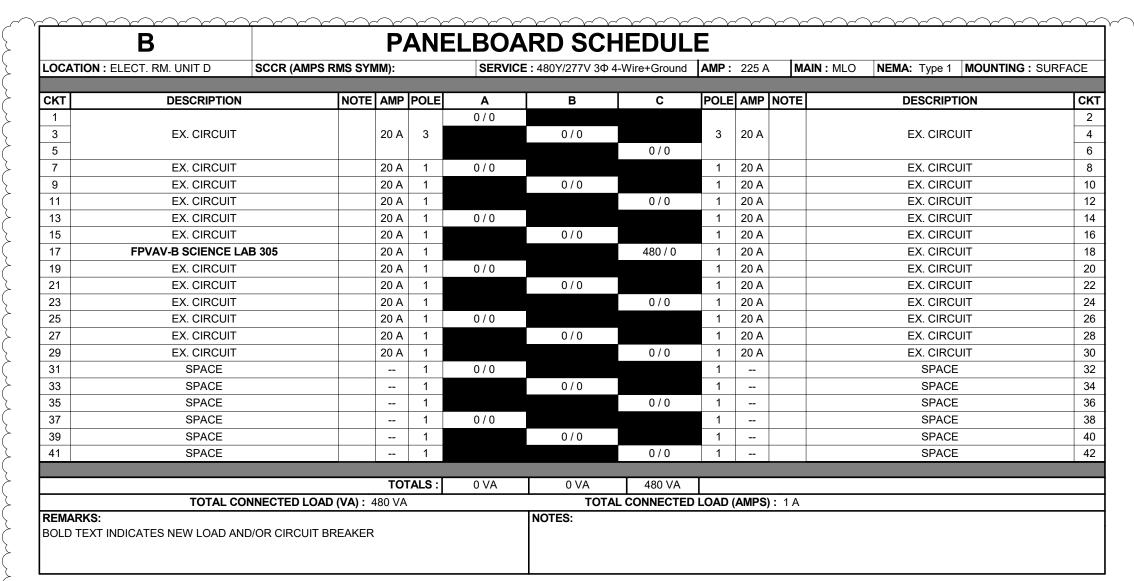
1 Addendum #1 2024-02-15
2 Addendum #2 2024-02-22

ISSUE DATE DRAWN BY CHECKED BY 1/26/2024 AJS AJS

SCHEDULES -ELECTRICAL



E601



OCATION	I: ELECT. RM. UNIT D	CCR (AMPS RMS SYI	MM):		SERVICE	: 208Y/120V 3Ф 4	-Wire+Ground	AMP:	125 A	MA	AIN: MCB   NEMA: Type 1   MOUNTING: SURI	ACE
СКТ	DESCRIPTION	NOTE	AMP	POLE	Α	В	С	POLE	AMP	NOTE	DESCRIPTION	
1	EX. CIRCUIT		20 A	1	0/0			1	20 A		EX. CIRCUIT	
3	EX. CIRCUIT		20 A	1		0/0		1	20 A		EX. CIRCUIT	
5	EX. CIRCUIT		20 A	1			0/0	1	20 A		EX. CIRCUIT	
7	EX. CIRCUIT		20 A	1	0/0			1	20 A		EX. CIRCUIT	
9	EX. CIRCUIT		20 A	1		0/0		1	20 A		EX. CIRCUIT	
11	EX. CIRCUIT		20 A	1			0/0	1	20 A		EX. CIRCUIT	
13	EX. CIRCUIT		20 A	1	0/0			1	20 A		EX. CIRCUIT	
15	EX. CIRCUIT		20 A	1		0/0		1	20 A		EX. CIRCUIT	
17	EX. CIRCUIT		20 A	1			0/0	1	20 A		EX. CIRCUIT	Т
19	EX. CIRCUIT		20 A	1	0/0			1	20 A		EX. CIRCUIT	
21	EX. CIRCUIT		20 A	1		0 / 900		1	20 A		RECEPT SMALL GROUP 303A, STORAGE 208A	١
23	RECEPT SCIENCE LAB	305	20 A	1			720 / 1080	1	20 A		CORD REEL SCIENCE LAB 305	
25	RECEPT SCIENCE LAB	305	20 A	1	1260 / 1080			1	20 A		CORD REEL SCIENCE LAB 305	
27	RECEPT SCIENCE LAB	305	20 A	1		1260 / 540		1	20 A		RECEPT SCIENCE LAB 305	
29	RECEPT SCIENCE LAB	305	20 A	1			720 / 1176	1	20 A		EXHAUST FAN SCIENCE LAB 305	
								1				
				ALS:	2340 VA	2700 VA	3696 VA					
		IECTED LOAD (VA) :	8736 V	4			L CONNECTED	LOAD (	(AMPS	: 24 A		
REMARKS	<u>-</u>					NOTES:						
OLD IEX	T INDICATES NEW LOAD AND/C	OR CIRCUIT BREAKER										

LOCATION : T	ELECOM RM. UNIT A	SCCR (AMPS RM	S SYMM):		SERVICE	: 208Y/120V 3Ф	4-Wire+Ground	AMP :	100 A	. M.	IN: MLO	NEMA: Ty	pe 1	MOUNTING	: SURFA
СКТ	DESCRIPTION		NOTE AMP	POLE	Α	В	С	POLE	AMP	NOTE		DESC	RIPTIO	N	
1	EX. CIRCUIT		20 A	1	0/0	_		1	20 A			EX. (	CIRCUI	T	
3	EX. CIRCUIT		20 A	1		0/0		1	20 A			EX. (	CIRCUI	T	
5	EX. CIRCUIT		20 A	1			0/0	1	20 A			EX. (	CIRCUI	Т	
7	EX. CIRCUIT		20 A	1	0/0			1	20 A			EX. (	CIRCUI	Т	
9	EX. CIRCUIT		20 A	1		0/0		1	20 A			EX. (	CIRCUI	Т	
11	EX. CIRCUIT		20 A	1			0/0	1	20 A			EX. (	CIRCUI	T	
13	EX. CIRCUIT		20 A	1	0 / 720			1	20 A			RECEPT SC	IENCE	LAB 206	
15	EX. CIRCUIT		20 A	1		0 / 1080		1	20 A			RECEPT SC	IENCE	LAB 206	
17	EX. CIRCUIT		20 A	1			0 / 1080	1	20 A			RECEPT SC	IENCE	LAB 206	
19	EX. CIRCUIT		20 A	1	0 / 1080			1	20 A		(	CORD REEL S	CIENC	E LAB 206	-
21	EX. CIRCUIT		20 A	1		0 / 1080		1	20 A		(	CORD REEL S	CIENC	E LAB 206	
23	EX. CIRCUIT		20 A	1			0 / 776	1	20 A		F	UME HOOD S	SCIENC	E LAB 206	
25	EX. CIRCUIT		20 A	1	0 / 720			1	20 A		NOF	RTH MONITOR	RS SCIE	NCE LAB	206
27	EX. CIRCUIT		20 A	1		0 / 540		1	20 A		SOL	TH MONITOR	RS SCIE	NCE LAB	206
29															
				ALS:	2520 VA	2700 VA	1856 VA								
REMARKS:	TOTAL CON	NECTED LOAD (	<b>/A)</b> : 7076 V <i>A</i>	١		NOTES:	AL CONNECTED	LOAD	(AMPS	): 20 A					

	С				_LDOA	ARD SCH	ILDUL							
LOCATI	ON: ELECT. RM. UNIT A SCO	R (AMPS RMS SY	ИМ):		SERVICE	E: 480Y/277V 3Ф 4	-Wire+Ground	AMP:	225 A	\   M/	AIN: MCB	NEMA: Type	1 <b>MOUNTING</b> : SURF	ACE
СКТ	DESCRIPTION	NOTE	АМР	POLE	A	В	С	POL E	AMD	NOTE		DESCR	PTION	СКТ
1	EX. CIRCUIT	NOIL	20 A	_	0/0	<u> </u>	Ū	1	20 A	INOIL		EX. CIF		2
3	EX. CIRCUIT		20 A		070	0 / 0		1	20 A			EX. CIF		4
5	EX. CIRCUIT		20 A			070	0 / 1303	1	20 A		110		CIENCE LAB 202	6
7	EX. CIRCUIT		20 A		0 / 1305		07 1000	1	20 A				IISTRY LAB 204	8
9	LIGHTING LIFE SCIENCE LAB	301	20 A		07 1000	1255 / 758		1	20 A				MALL GROUP ROOMS	10
11	LIGHTING SCIENCE LAB 303		20 A	_		1200 / 100	1318 / 0	1	20 A			EX. CIF		12
13	LIGHTING SCIENCE 305		20 A		1318 / 0		10.07 0	1	20 A			EX. CIF		14
15	LIGHTING CHEMISTRY LAB 2	06	20 A		.0.07	1205 / 0		1	20 A			EX. CIF		16
17	EX. CIRCUIT		20 A				0/0	1	20 A			EX. CIF	RCUIT	18
19	EX. CIRCUIT		20 A	1	0/0			1	20 A			EX. CIF		20
21	EX. CIRCUIT		20 A	1		0/0		1	20 A			EX. CIF	RCUIT	22
23	EX. CIRCUIT		20 A	1			0/0	1	20 A			EX. CIF	RCUIT	24
25	EX. CIRCUIT		20 A	1	0 / 1265			1	20 A			VAV ROOM	/I 204, 206	26
27	EX. CIRCUIT		20 A	1		0 / 1090		1	20 A			VAV ROOM	Л 106, 202	28
29	EX. CIRCUIT		20 A	1			0 / 1265	1	20 A			VAV ROOM 2	08A, 301, 303	30
				TALS:	3888 VA	4308 VA	3886 VA							
		TED LOAD (VA) :	12082	VA			CONNECTED	LOAD (	AMPS	): 15 A				
REMAR						NOTES:								
BOLD T	EXT INDICATES NEW LOAD AND/OR	CIRCUIT BREAKER												

	2CAA			P	ANE	ELBOA	RD SCH	<b>IEDUL</b>	E				
OCATION	: ELECT. RM. UNIT A SC	CR (AMPS R	MS SYN	/М):		SERVICE	: 208Y/120V 3Ф 4	-Wire+Ground	AMP:	225 A	MA	AIN: MLO NEMA: Type 1 MOUNTING: SUF	RFACE
СКТ	DESCRIPTION		NOTE	AMD	POI E	A	В	С	POLE	AMP	NOTE	DESCRIPTION	CH
1	EX. CIRCUIT		INOIL	20 A	1	0/0		Ū	1	20 A	NOIL	EX. CIRCUIT	2
3	EX. CIRCUIT			20 A	1	070	0/0		1	20 A		EX. CIRCUIT	4
5	EX. CIRCUIT			20 A	1		070	0/0	1	20 A		EX. CIRCUIT	6
7	EX. CIRCUIT			20 A	1	0/0		070	1	20 A		EX. CIRCUIT	8
9	EX. CIRCUIT			20 A	1	070	0 / 0		1	20 A		EX. CIRCUIT	10
11	EX. CIRCUIT			20 A	1		070	0 / 0	1	20 A		EX. CIRCUIT	12
13	EX. CIRCUIT			20 A	1	0/0		070	1	20 A		EX. CIRCUIT	14
15	EX. CIRCUIT			20 A	1	070	0 / 0		1	20 A		EX. CIRCUIT	16
17	EX. CIRCUIT			20 A	1		070	0/0	1	20 A		EX. CIRCUIT	18
19	EX. CIRCUIT			20 A	1	0/0		070	1	20 A		EX. CIRCUIT	20
21	EX. CIRCUIT			20 A	1	070	0 / 720		1	20 A		RECEPT SCIENCE LAB 303	22
23	EX. CIRCUIT			20 A	1		01120	0 / 1080	1	20 A		RECEPT SCIENCE LAB 303	24
25	RECEPT SCIENCE LAB 303	3		20 A	1	1080 / 1080		07 1000	1	20 A		RECEPT SCIENCE LAB 303	26
27	RECEPT SCIENCE LAB 303			20 A	1	10007 1000	1080 / 1260		1	20 A		RECEPT PREP 208 SMALL GROUP 204A	28
	FUME HOOD LAB PREP/ STORA			20 A	1		10007 1200	776 / 660	1	20 A		RECEPT SCIENCE LAB 303	30
31	RECEPT LAB PREP/ STORAGE			20 A	1	720 / 720		1107000	1	20 A		RECEPT SCIENCE LAB 303	32
33	REFRIG. LAB PREP/ STORAGE		1	20 A	1	. 207 . 20	180 / 1080		1	20 A		NORTH MONOTORS SCIENCE LAB 204	34
	ISHWASHER LAB PREP/ STORA		1	20 A	1		1007 1000	180 / 900	1	20 A		SOUTH MONITORS SCIENCE LAB 204	36
	J.C. REFRIG. LAB PREP/ STORA	GE 208	1	20 A	1	180 / 1080		100,000	1	20 A		GAS SHUT-OFF SCIENCE LAB 202	38
39	EXHAUST FAN SCIENCE LAB			20 A	1		1176 / 0		•				40
41													42
				тот	ALS:	4860 VA	5496 VA	3596 VA					
	TOTAL CONNEC	CTED LOAD	(VA) :	13952 \	/A		TOTA	L CONNECTED	LOAD (	(AMPS)	: 39 A		
REMARKS: BOLD TEXT	INDICATES NEW LOAD AND/OR	CIRCUIT BR	EAKER				NOTES: 1. GFCI CIRCUIT	BREAKER		·			

	S				11 A E	-LDOA	RD SCH	ILDUL	<u> </u>	_				
LOCAT	FION: ELECT. RM. UNIT A	SCCR (AMPS	RMS SYMM	l):		SERVICE	: 208Y/120V 3Ф 4	-Wire+Ground	AMP :	225 A	MAIN: MCB	NEMA: Type 1	MOUNTING : SUF	₹F
СКТ	DESCRIPTION		NOTE A	MP I	POLE	Α	В	С	POLE	AMP	NOTE	DESCRIPT	TON	
1	RECEPT SCIENCE L	AB 301		0 A	1	900 / 0			1	20 A		EX. CIRC	UIT	_
3	RECEPT SCIENCE L	AB 301	2	0 A	1		1080 / 0		1	20 A		EX. CIRC	UIT	
5	RECEPT SCIENCE L	AB 301	2	0 A	1			540 / 0	1	20 A		EX. CIRC	UIT	_
7	RECEPT SCIENCE L	AB 301	2	0 A	1	900 / 0			1	20 A		EX. CIRC	UIT	
9	CORD REEL SCIENCE	LAB 301	2	0 A	1		1080 / 0		1	20 A		EX. CIRC	UIT	_
11	CORD REEL SCIENCE	LAB 301	2	0 A	1			1080 / 0	1	20 A		EX. CIRC	UIT	
13	FUME HOOD SCIENCE	LAB 301	2	0 A	1	776 / 0			1	20 A		EX. CIRC	UIT	
15	SOUTH MONITORS SCIEN	CE LAB 301	2	0 A	1		1080 / 0		1	20 A		EX. CIRC	UIT	
17	NORTH MONITORS SCIEN	CE LAB 301	2	0 A	1			900 / 0	1	20 A		EX. CIRC	UIT	
19	RECEPT SCIENCE L	AB 202	2	0 A	1	720 / 0			1	20 A		EX. CIRC	UIT	
21	RECEPT SCIENCE L	AB 202	2	0 A	1		1080 / 0		1	20 A		EX. CIRC	UIT	
23	RECEPT SCIENCE L	AB 202	2	0 A	1			1080 / 0	1	20 A		EX. CIRC	UIT	
25	CORD REEL SCIENCE	LAB 202	2	0 A	1	1080 / 0			1	20 A		EX. CIRC	UIT	
27	CORD REEL SCIENCE	LAB 202	2	0 A	1		1080 / 0		1	20 A		EX. CIRC	UIT	
21 RECEPT SCIENCE LAB 202 20 A 1 20 A 1 20 A EX. CIRCUIT 23 RECEPT SCIENCE LAB 202 20 A 1 20 A 1 20 A EX. CIRCUIT 25 CORD REEL SCIENCE LAB 202 20 A 1 1080 / 0 1 20 A EX. CIRCUIT 27 CORD REEL SCIENCE LAB 202 20 A 1 20 A 1 20 A EX. CIRCUIT 29 WEST MONITORS SCIENCE LAB 202 20 A 1 20 A 1 20 A EX. CIRCUIT 20 A EX. C		UIT												
31	EAST MONITORS SCIENC	CE LAB 202	2	0 A	1	360 / 0			1	20 A		EX. CIRC	UIT	
33	RECEPT SCIENCE L	AB 204	2	0 A	1		776 / 0		1	20 A		EX. CIRC	UIT	
35	RECEPT SCIENCE L	AB 204	2	0 A	1			720 / 0	1	20 A		EX. CIRC	UIT	
37	RECEPT SCIENCE L	AB 204	2	0 A	1	1080 / 0			1	20 A		EX. CIRC	UIT	
39	RECEPT Room 202A,	106, 202	2	0 A	1		1620 / 0		1	20 A		EX. CIRC	UIT	
41	RECEPT SCIENCE L	AB 204	2	0 A	1			1080 / 0	1	20 A		EX. CIRC	UIT	
43	CORD REEL SCIENCE	LAB 204	2	0 A	1	1080 / 0			2	70 A		EX. CIRC	IIIT	
45	CORD REEL SCIENCE			0 A	1		1080 / 0							
47	EXHAUST FAN SCIENC			0 A	1			1176 / 180	1	20 A		RECEPT LOUN		
49	EXHAUST FAN SCIENC			0 A	1	1176 / 180			1	20 A		RECEPT LOUN		
51	EXHAUST FAN SCIENC	E LAB 204	2	0 A	1		1176 / 180		1	20 A		RECEPT LOUN	GE 100G	
53														_
				TOTA	ALS :	8252 VA	10232 VA	8136 VA						
	TOTAL CO	ONNECTED LOA			_			L CONNECTED	LOAD	(AMPS)	74 A			_
REMAR			_ (, 1 200		-		NOTES:			<u>, •)</u>	• • •			_
	TEXT INDICATED NEW LOAD AN	ID/OR CIRCUIT	BREAKER.											

OCATION :	: MAIL/ COPY 100H	SCCR (AMPS RMS SY	MM):		SERVICE	E: 480Y/277V 3Ф 4-	Wire+Ground	AMP:	100 A	MAIN: MLO	NEMA: Type 1	MOUNTING: SU	JRFACE
СКТ	DESCRIPTION	INOTE	AMP	POLE	Α	В	С	POLE	AMP N	NOTE	DESCRIPTI	ON	СКТ
1	EX. CIRCUIT		20 A	1	0/0			1	20 A		EX. CIRCU		2
3	EX. CIRCUIT		20 A	1		0/0		1	20 A		EX. CIRCL		4
5	EX. CIRCUIT		20 A	1			0/0	1	20 A		EX. CIRCL	 JIT	6
7	EX. CIRCUIT		20 A	1	0 / 1973			1	20 A		LIGHTING ADMIN	I. LOBBY	8
9	EX. CIRCUIT		20 A	1		0 / 1285		1	20 A		LIGHTING ADMIN	•	10
11	EX. CIRCUIT		20 A	1			0/0	1	20 A		EX. CIRCL	 JIT	12
13	EX. CIRCUIT		20 A	1	0/0			1	20 A		EX. CIRCL	JIT	14
15	EX. CIRCUIT		20 A	1		0/0		1	20 A		EX. CIRCL	 JIT	16
17	EX. CIRCUIT		20 A	1			0/0	1	20 A		EX. CIRCL	 JIT	18
19	EX. CIRCUIT		20 A	1	0/0			1	20 A		EX. CIRCL	JIT	20
21	EX. CIRCUIT		20 A	1		0/0		1	20 A		EX. CIRCL	JIT	22
23	EX. CIRCUIT		20 A	1			0/0	1	20 A		EX. CIRCL	IIT	24
25													26
27													28
29													30
			TOT	TALS :	1973 VA	1285 VA	0 VA						
	TOTAL CON	NECTED LOAD (VA):	3259 V	A			CONNECTED	LOAD	(AMPS) :	4 A			
EMARKS:						NOTES:							
OLD TEXT	INDICATES NEW LOAD AND	OR CIRCUIT BREAKER	₹										

	F		P	ANE	ELBOA	ARD SCH	IEDULI	E				
OC/	ATION: MAIL/ COPY 100H SCCR (AMPS R	MS SYN	1M):		SERVIC	<b>E</b> : 208Y/120V 3Ф 4-	Wire+Ground	AMP:	100 A	MAIN:	MLO <b>NEMA:</b> Type 1 <b>MOUNTING</b> : SU	RFACE
СКТ	DESCRIPTION	NOTE	AMP	POLF	A	В	С	POL F	AMP N	OTF	DESCRIPTION	СК
1	RECEPT PRINCIPAL 100E, RR 100F, CORRIDOR		20 A	1	1800 / 0			1	20 A		EX. CIRCUIT	2
3	RECEPT LOUNGE 100G		20 A	1		540 / 0		1	20 A		EX. CIRCUIT	4
5	RECEPT LOUNGE 100G		20 A	1			1080 / 0	1	20 A		EX. CIRCUIT	6
7	RECEPT CONF., ASSIST. PRINICPAL		20 A	1	1980 / 0			1	20 A		EX. CIRCUIT	8
9	RECEPT OFFICE SUPPORT 100A		20 A	1		1800 / 0		1	20 A		EX. CIRCUIT	10
11	RECEPT OFFICE SUPPORT 100A, TREASURER		20 A	1			1620 / 0	1	20 A		EX. CIRCUIT	12
13	RECEPT FRONT DESK 100A		20 A	1	900 / 0			1	20 A		EX. CIRCUIT	14
15	RECEPT MAIL 100H, CLINIC 100L, TOILET 100N,J		20 A	1		1440 / 0		1	20 A		EX. CIRCUIT	16
17	RECEPT CLINIC 100L		20 A	1			1260 / 0	1	20 A		EX. CIRCUIT	18
19	EX. CIRCUIT		20 A	1	0/0			1	20 A		EX. CIRCUIT	20
21	EX. CIRCUIT		20 A	1		0/0		1	20 A		EX. CIRCUIT	22
23	EX. CIRCUIT		20 A	1			0/0	1	20 A		EX. CIRCUIT	24
25	EX. CIRCUIT		20 A	1	0/0			1	20 A		EX. CIRCUIT	26
27	EX. CIRCUIT		20 A	1		0 / 720		1	20 A		RECEPT STORAGE/ OFFICE 22	28
29	EX. CIRCUIT		20 A	1			0 / 300	1	20 A	1	ICE MAKER CLINIC 100L	30
31	EX. CIRCUIT		20 A	1	0/0			1	20 A		SPARE	32
33	EX. CIRCUIT		20 A	1		0/0		1	20 A		EX. CIRCUIT	34
35	COPIER MAIL/ COPY 100H		20 A	1			180 / 0	1	20 A		SPARE	36
37	RECEPT REFRIGERATOR CLINIC	1	20 A	1	750 / 0			1	20 A		SPARE	38
39	EX. CIRCUIT		20 A	1		0/0		2	40 A		EX. CIRCUIT	40
41	EX. CIRCUIT		20 A	1			0/0		40 A		EX. GINCOTT	42
				TALS :	5430 VA	4500 VA	4440 VA					
	TOTAL CONNECTED LOAD	<b>(VA)</b> : 1	4370 \	/A			CONNECTED	LOAD	(AMPS) :	40 A		
	ARKS:					NOTES:	5					
5ULL	) TEXT INDICATES NEW LOAD AND/OR CIRCUIT BR	EAKEK.				1. GFCI BREAKE	۲					



8831 Keystone Crossing, Indianapolis, IN 46240

DA#22043

and Associates, Inc.

Consulting Engineers
732 North Capitol Avenue Indianapolis, IN 46204

YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

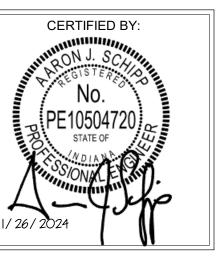
The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS: 2 Addendum #2 2024-02-22

ISSUE DATE DRAWN BY CHECKED BY
1/26/2024 AJS AJS

SCHEDULES PANELBOARDS



E611

														AIR I	HANDLI	NG UN	IIT S	SCHE	DUL	E.																		
NAAE	DRAWING		SPECIFICATION		MANUFACTURER &	AIR VOLUM (CFM)	IE			SU	IPPLY	FAN								Pf	REHEA	T COIL									COOLING	G COIL						
MAF NC		SECTION	NAME	EQUIPMENT TYPE	MODEL NO	TOTAL O.A	A. ESP	RPM		HP BH	HP VC	ELECTRIC DLTS PHASE M		VED	ECONOMIZER	FILTER	MBH	WATER I FLOW (GPM)	EAT	LAT EWT	LWT	MIN ROWS	1 1 1 1 1 X	MAX I FACE / (FPM)	MAX MAPD WI	PD MBI	WATER FLOW (GPM)		WB	DB W	/B EW1	ΓLWT	MIN	MAX FPI	MAX FACE (FPM)	MAX MAPD V	MAX WPD (FT)	REMARKS
AHU-	G3 UNIT G - EAST LOCKERS O/A	23 73 13	MODULATING INDOOR AIR HANDLING UNIT	-	TRANE CSAA008	3600 360	00 2"	-	- 1	5 -	. 4	460 3		YES	N/A	2" MERV 8	317	32	-10	70 180	160	2	12	750	0.5	266	35	95	76	55 5	54 42	57	6	12	500	1.0	10 IN	ITEGRAL FACE/BYPASS HTG. COIL
AHU-	J1 UNIT J - FIELDHOUSE GYM	23 73 13	MODULATING INDOOR AIR HANDLING UNIT	-	TRANE PSCA040	18000 650	00 2"	-	- 2	10	9 4	460 3 35	.65 60	YES	YES	2" MERV 8	1034	103	42	95 180	160	2	12	750	0.5	695	93	80	67	55 5	54 42	57	6	12	500	1.0	10	
AHU-	J2 UNIT J - FIELDHOUSE WEIGHT ROOM	23 73 13	MODULATING INDOOR AIR HANDLING UNIT	-	TRANE CSAA012	6000 120	00 2"	-	- 1	7.5	8 4	460 3 1	1.4 25	YES	YES	2" MERV 8	266	27	54	95 180	160	2	12	750	0.5"	230	30	80	67	55 5	54 42	57	6	12	500	1.0	10 -	

													F	AN CO	IL SCH	HEDUI	E												
	DRAWING		SPECIFICATION	ı				FAN							COOLING	G COIL								HEATING	G COIL				
MARK	NAME &/OR			EQUIPMENT	MANUFACTURER &						MBH	EA	Γ	LA	\T	CHILLEI	) WATER	WATER		MAX WPD				HEATING	WATER	WATER		MAX WPD	REMARKS
NO	PURPOSE	SECTION	NAME	TYPE	MODEL NO	CFM	ESP	MCA	MOCP	VOLTS	TOTAL/SENS	DB	WB	DB	WB	EWT	LWT	FLOW (GPM)	MIN ROWS   '	(FT)	MIN MBH	EAT	LAT	EWT	LWT	FLOW (GPM)	MIN ROWS	(FT)	
FC-A	HEATING AND COOLING	23 82 19	FAN COIL UNIT	HORIZONTAL CONCEALED	TRANE FCCB040	200	0.4"	2.75	15	120-1-60	4 / 3.8	72.0	60.0	54	53	45	55	1	3	5'	4	68	85	180	165	0.5	1	5'	HIGH STATIC ECM MOTOR
FC-B	HEATING AND COOLING	23 82 19	FAN COIL UNIT	HORIZONTAL CONCEALED	TRANE FCCB040	400	0.4"	2.75	15	120-1-60	7.4 7.2	72.0	60.0	54	53	45	55	1.5	3	5'	9	68	89	180	150	0.6	1	5'	HIGH STATIC ECM MOTOR
FC-C	HEATING AND COOLING	23 82 19	FAN COIL UNIT	HORIZONTAL CONCEALED	TRANE FCCB100	1000	0.4"	6	15	120-1-60	33 / 24	75.0	62.5	57	56	45	55	6.5	3	5'	37	50	84	180	150	2.5	1	5'	(2) HIGH STATIC ECM MOTORS

						FAI	N SCHE	DULE										
MADIC			SPECIFICA	ATION	MANUFACTURER &				OP	ERATING D	ATA			N	MOTOR DATA	А	WEIGHT	
MARK NO	DRAWING NAME &/OR PURPOSE	SECTION	NAME	EQUIPMENT TYPE	MODEL NO	CFM	TIP SPEED (FPM)	TOT STAT PRESS	RPM	ВНР	SONES	DRIVE	WHEEL DIA	HP/KW	VOLTS	PHASE	(LBS)	REMARKS
EF-G1	UNIT G - EAST LOCKERS E/A	23 34 23	HVAC POWER VENTILATORS	INLINE	GREENHECK SQ-16-M2-VG	4000	7513	0.75	1435	0.85	14.6	DIRECT	20	2	460	3	120	
EF-HOOD	SCIENCE LAB FUME HOOD	23 34 23	HVAC POWER VENTILATORS	CENTRIFUGAL ROOF VENTILATOR	GREENHECK CUE-099-VG	790	4738	0.75	1618	0.2	10	DIRECT	11.188	1/4	120	1		MFR DISCONNECT, FAN ON/OFF AT HOOD BLOWER SWITCH, BACKDRAFT DAMPER
EF-LAB	SCIENCE LAB GENERAL EXHAUST	23 34 23	HVAC POWER VENTILATORS	CENTRIFUGAL ROOF VENTILATOR	GREENHECK CUE-140-VG	1300	3965	0.5	1035	0.21	9	DIRECT	14.625	1/2	120	1	60	MFR DISCONNECT, FAN ON/OFF AT WALL SWITCH, BACKDRAFT DAMPER

				FAN POWE	ERED '	VARIA	BLE A					JLE WI	TH HI	ΈΑΤ (Η	IOT W	'ATER)				
MARK		SPECIFI	CATION	MANUFACTURER & MODEL	INLET DIA	CLG CEM		ΜΑΧ ΔΡ	INI ET SP	ΔT AT MAX				FAN DATEA			ELECTRI	C DATA		
NO	SECTION	NAME	EQUIPMENT TYPE	NO NO	(IN.)	RANGE	HTG CFM		(IN. W.G.)		ROWS	COIL GPM	CFM	ESP	HP	VOLTS	PHASE	FLA	MCA	REMARKS
FPVAV-A	23 36 00	AIR TERMINAL UNITS	SERIES FAN POWERED VAV WITH HOT WATER HEAT	PRICE MODEL FDC1006	6"	0-360	200	0.50"	1"	45	2	0.5	200	0.4"	1/3	277	1	2.4		ECM MOTOR, INLET ATTENUATOR
PVAV-B	23 36 00	AIR TERMINAL UNITS	SERIES FAN POWERED VAV WITH HOT WATER HEAT	PRICE MODEL FDC1008	8"	361-640	500	0.50"	1"	45	2	1	500	0.4"	1/3	277	1	2.4		ECM MOTOR, INLET ATTENUATOR
FPVAV-D	23 36 00	AIR TERMINAL UNITS	SERIES FAN POWERED VAV WITH HOT WATER HEAT	PRICE MODEL FDC3012	12"	946-1350	1000	0.50"	1"	45	2	2	1000	0.4"	1/2	277	1	3.8		ECM MOTOR, INLET ATTENUATOR

2. INCLUDES AIR VALVE AND HEATING COIL.

3. MINIMUM COOLING CFM SHALL BE 35% OF THE VAV BOX COOLING CFM FOR THE ZONE.

4. SEE PLANS FOR UNITS WITHOUT HEATING COILS (COOLING COILS ONLY)

5. PERFORMANCE BASED ON 1.0" INLET SP (IN. W.G.) AND 0.25" DOWNSTREAM SP (IN. W.G.)

							CABII	NET UN	IIT HE	ATER	SCHE	DULE						
MARK	DRAWING	SPECIFICATION		MANUFACTURE			ŀ	HEATING DATA	1			WEIGHT		ELE	ECTRICAL DA	ATA		
NO	NAME &/OR PURPOSE SECTION	NAME	EQUIPMENT TYPE	R & MODEL NO	CFM	МВН	GPM	WPD (FT)	EAT	EWT	LWT	(LBS)	FAN RPM	HP	VOLTS	PHASE	STYLE	REMARKS
CUH-A	VESTIBUE HEAT 23 82 39	UNIT HEATERS - HYDRONIC	CABINET UNIT HEATERS	STERLING RWI-08	860	62.3	3.1	2	60	180	150	175	1050	1/10 & 1/15	120	1	RECESSED - COUNTER FLOW	
CUH-B	VESTIBUE HEAT 23 82 39	UNIT HEATERS - HYDRONIC	CABINET UNIT HEATERS	STERLING RC-08	860	62.3	3.1	2	60	180	150	175	1050	1/10 & 1/15	120	1	CEILING RECESSED - COUNTER FLOW	

				ROOF RELIEF	AND INTAK	E VEN	T SCHI	EDULE	<u> </u>			
MARK	DRAWING NAME &/OR		SPECIFICAT	ION	MANUFACTURER &		ΔΡ ΑΤ	THR	OAT	HOOD	ROOF	
NO	PURPOSE	SECTION	NAME	EQUIPMENT TYPE	MODEL NO		MAX CFM	LENGTH	WIDTH	SIZE	CURB HEIGHT	REMARKS
RIV-J1	UNIT J - CORRIDOR FC O/A	23 37 23	HVAC GRAVITY VENTILATORS	ROOF INTAKE AND RELIEF VENTS	GREENHECK GRSI-16	300	0.01	16"	_	29"	14"	

MARK NO.         NOMINAL GRILLE SIZE         MAX N.C.         MAX ΔP         CFM RANGE         REMARKS           0 - 170         8/8         20         0.1"         0 - 170         -           175 - 240         10/10         20         0.1"         175 - 240         -           245 - 400         12/12         20         0.1"         245 - 400         -           405 - 520         14/14         20         0.1"         405 - 520           525 - 640         16/16         20         0.1"         525 - 640         -           645 - 830         18/18         20         0.1"         645 - 830         -           835 - 1050         20/20         20/4"         24"         255 - 1050
175 - 240     10/10     20     0.1"     175 - 240     -       245 - 400     12/12     20     0.1"     245 - 400     -       405 - 520     14/14     20     0.1"     405 - 520       525 - 640     16/16     20     0.1"     525 - 640     -       645 - 830     18/18     20     0.1"     645 - 830
245 - 400     12/12     20     0.1"     245 - 400     -       405 - 520     14/14     20     0.1"     405 - 520       525 - 640     16/16     20     0.1"     525 - 640     -       645 - 830     18/18     20     0.1"     645 - 830
405 - 520     14/14     20     0.1"     405 - 520       525 - 640     16/16     20     0.1"     525 - 640     -       645 - 830     18/18     20     0.1"     645 - 830
525 - 640     16/16     20     0.1"     525 - 640     -       645 - 830     18/18     20     0.1"     645 - 830
645 - 830 18/18 20 0.1" 645 - 830
935 4050 20/20 20 0.4" 935 4050
835 - 1050   20/20   20   0.1"   835 - 1050   -
1055 - 1400 24/24 20 0.1" 1055 - 1400 -

MARK NO.	GRILLE SIZE	CFM RANGE	DUCTED ELBOW SIZE	'X' DIMEN.	REMARKS
24/6	22/6	0 - 240	22/6	12"	
24/12	22/12	241 - 500	22/8	18"	
24/24	22/22	501 - 900	22/12	24"	
48/24	46/22	901 - 1500	46/12	36"	
	4/24 <b>∕</b> PA	INT ALL FASTE	JEDO VICIDI E	$\uparrow$	HANGER (TYPICAL)

MARK NO.	SPECIFICATION NAME	MANUFACTURER AND MODEL NO.	CFM RANGE	MAX. N.C.	NECK DIA.	FACE SIZE	CEILING MODULE SIZE
50 - 120	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	50 - 120	15	6"	24/24	24/24
125 - 245	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	125 - 245	19	8"	24/24	24/24
250 - 325	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	250 - 325	19	10"	24/24	24/24
330 - 475	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	330 - 475	19	12"	24/24	24/24
480 - 645	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	480 - 645	18	14"	24/24	24/24
650 - 735	SQUARE CEILING DIFFUSER	PRICE SCDA OR EQUAL	650 - 735	18	15"	24/24	24/24
	400	—— SQUARE SUPPLY DIF —— ACTUAL CFM	FUSER				

CEILING DIFFUSER SCHEDULE

FPVAV BOX SIZE A-120 FPVAV CFM

UNIT/AREA LOCATION IN THE BUILDING

UNDERLINED REPRESENTS
SCHEDULED EQUIPMENT





YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, the major architectural elements and the type of structural, mechanical and electrical systems.

The drawings do not necessarily indicate or describe all work required for full performance and completion of the requirements of the Contract.

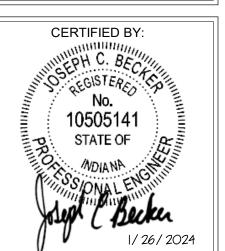
On the basis of the general scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

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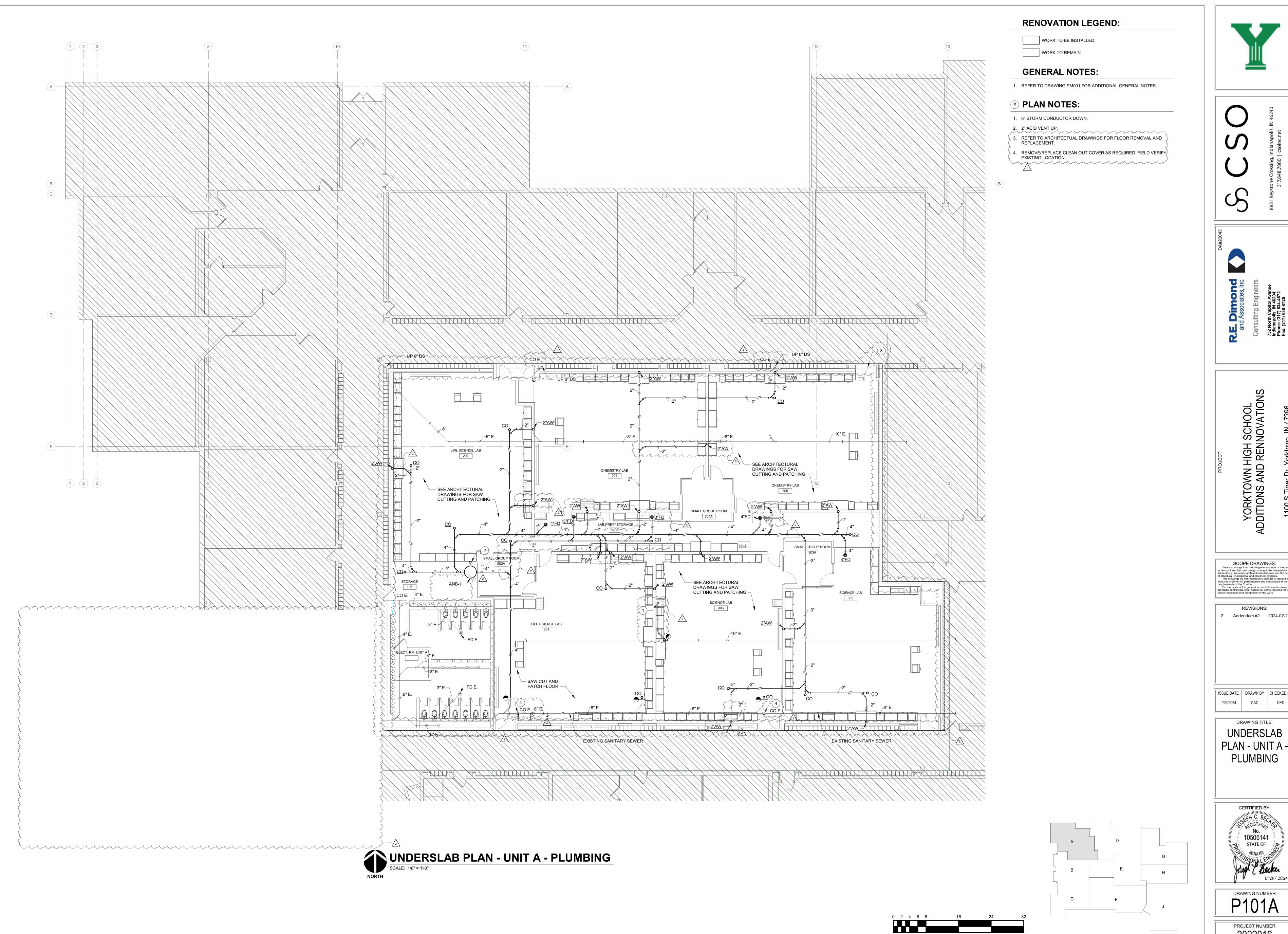
ISSUE DATE | DRAWN BY | CHECKED BY

1/26/2024 JCB

DRAWING TITLE: SCHEDULES -



DRAWING NUMBER M601



SCOPE DRAWINGS:

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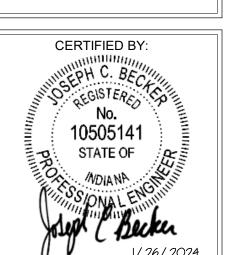
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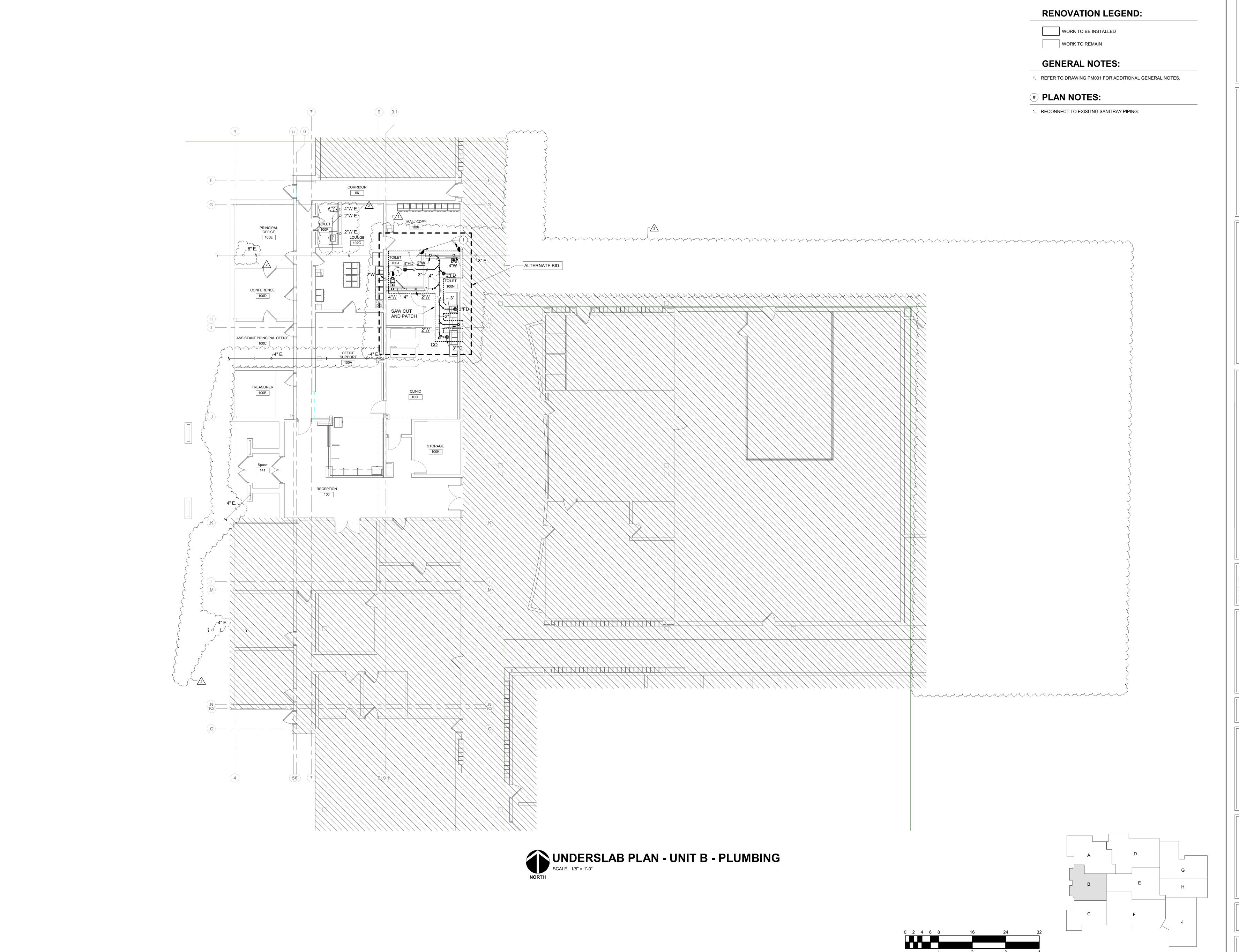
**REVISIONS:** Addendum #2 2024-02-22

ISSUE DATE | DRAWN BY | CHECKED BY

DRAWING TITLE: UNDERSLAB PLAN - UNIT A -**PLUMBING** 



DRAWING NUMBER P101A





S31 Keystone Crossing, Indianapolis, IN 46240 317.848.7800 | csoinc.net

ates, Inc.

Consulting Engineers 732 North Capitol Avenue Indianapolis, IN 46204 Phone: (317) 634-4672 Fax: (317) 638-8725

ADDITIONS AND RENNOVATIONS

SCOPE DRAWINGS:

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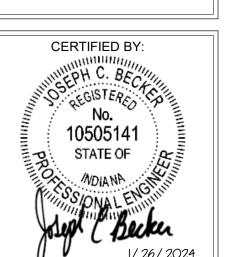
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REVISIONS:
Addendum #2 2024-02-22

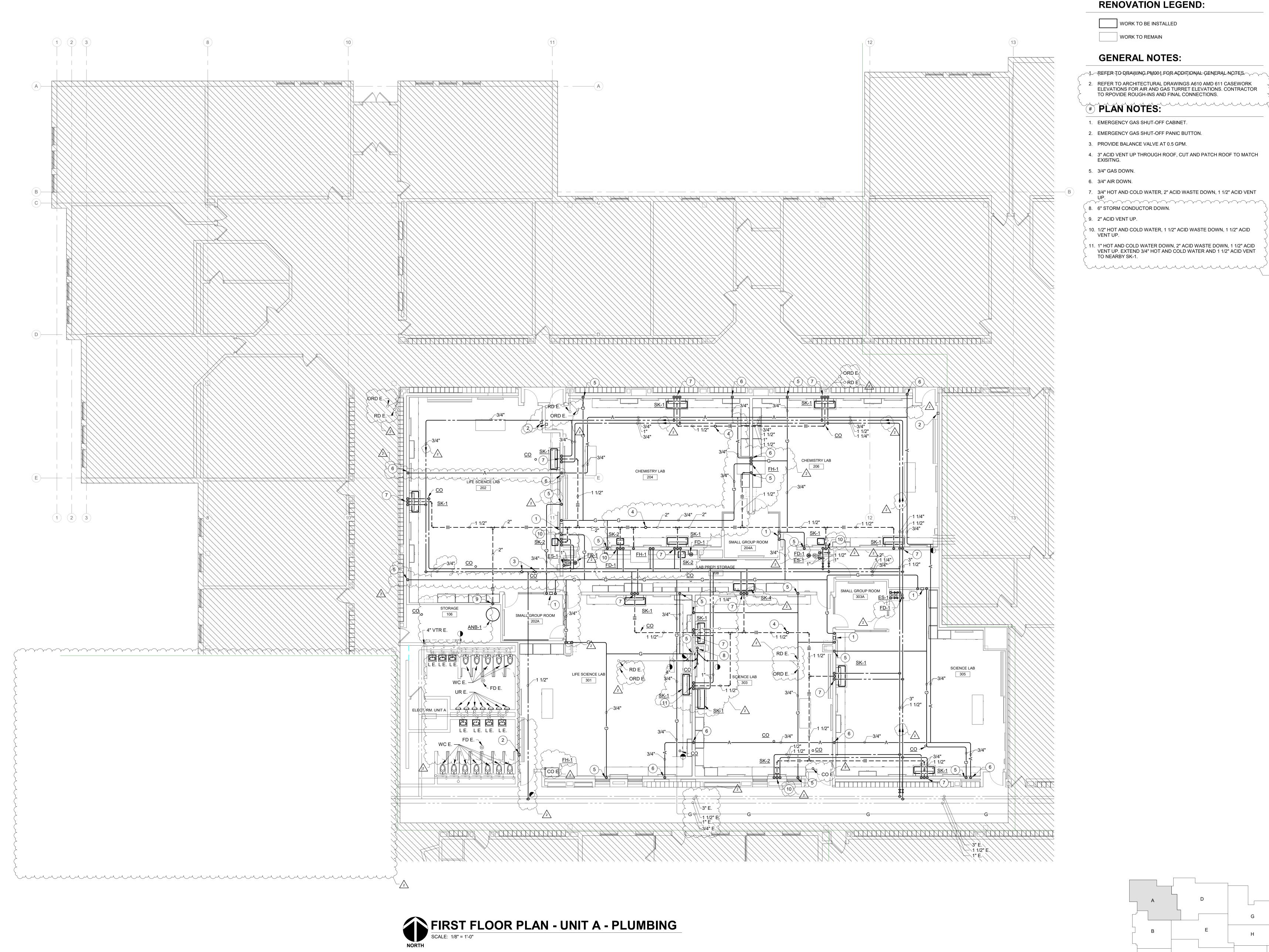
ISSUE DATE DRAWN BY CHECKED BY

1/26/2024 GAC DED

UNDERSLAB
PLAN - UNIT B PLUMBING



PROJECT NUMBER





WORK TO BE INSTALLED WORK TO REMAIN

### **GENERAL NOTES:**

1. REFER TO DRAWING PMOOL FOR ADDITIONAL GENERAL NOTES. . REFER TO ARCHITECTURAL DRAWINGS A610 AMD 611 CASEWORK ELEVATIONS FOR AIR AND GAS TURRET ELEVATIONS. CONTRACTOR TO RPOVIDE ROUGH-INS AND FINAL CONNECTIONS.

- 1. EMERGENCY GAS SHUT-OFF CABINET.
- 2. EMERGENCY GAS SHUT-OFF PANIC BUTTON.
- 3. PROVIDE BALANCE VALVE AT 0.5 GPM.
- 4. 3" ACID VENT UP THROUGH ROOF, CUT AND PATCH ROOF TO MATCH
- 5. 3/4" GAS DOWN.

- 7. 3/4" HOT AND COLD WATER, 2" ACID WASTE DOWN, 1 1/2" ACID VENT
- 8. 6" STORM CONDUCTOR DOWN.
- 9. 2" ACID VENT UP.
- 10. 1/2" HOT AND COLD WATER, 1 1/2" ACID WASTE DOWN, 1 1/2" ACID
- 11. 1" HOT AND COLD WATER DOWN, 2" ACID WASTE DOWN, 1 1/2" ACID VENT UP. EXTEND 3/4" HOT AND COLD WATER AND 1 1/2" ACID VENT TO NEARBY SK-1.
- munumunum,



SCOPE DRAWINGS:

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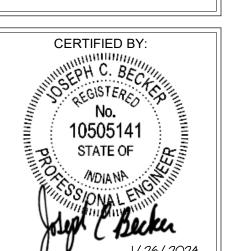
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**REVISIONS:** Addendum #2 2024-02-22

ISSUE DATE | DRAWN BY | CHECKED BY

GAC 1/26/2024 DRAWING TITLE:

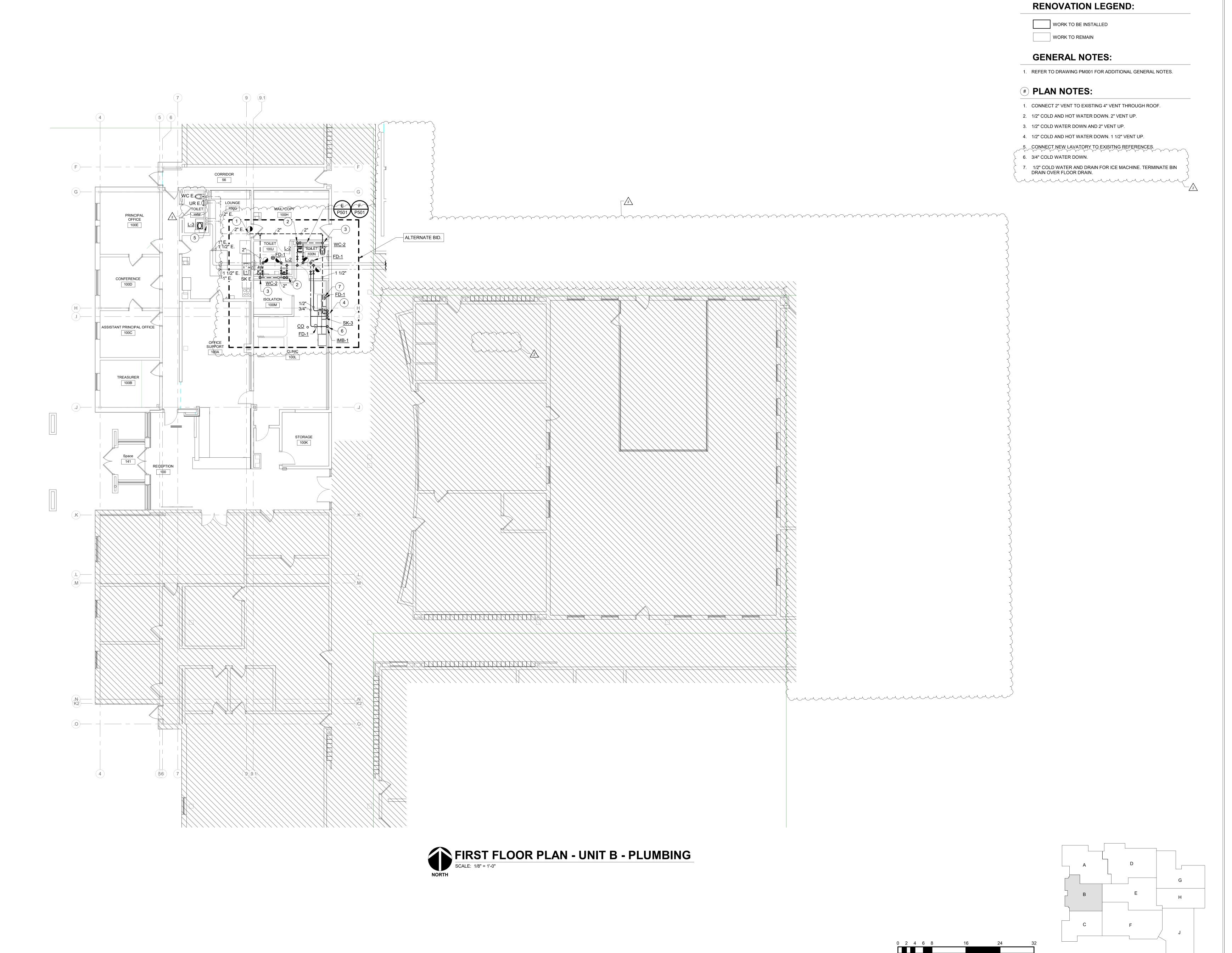
FIRST FLOOR PLAN - UNIT A -**PLUMBING** 



DRAWING NUMBER P201A









S31 Keystone Crossing, Indianapolis, IN 46240 317.848.7800 | csoinc.net

es, Inc.

Consulting Engineers 732 North Capitol Avenue Indianapolis, IN 46204 Phone: (317) 634-4672 Fax: (317) 638-8725

YORKTOWN HIGH SCHOO ADDITIONS AND RENNOVAT

SCOPE DRAWINGS:

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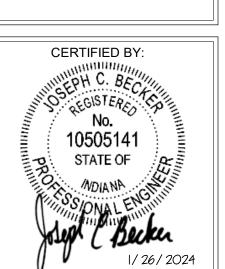
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Addendum #2 2024-02-22

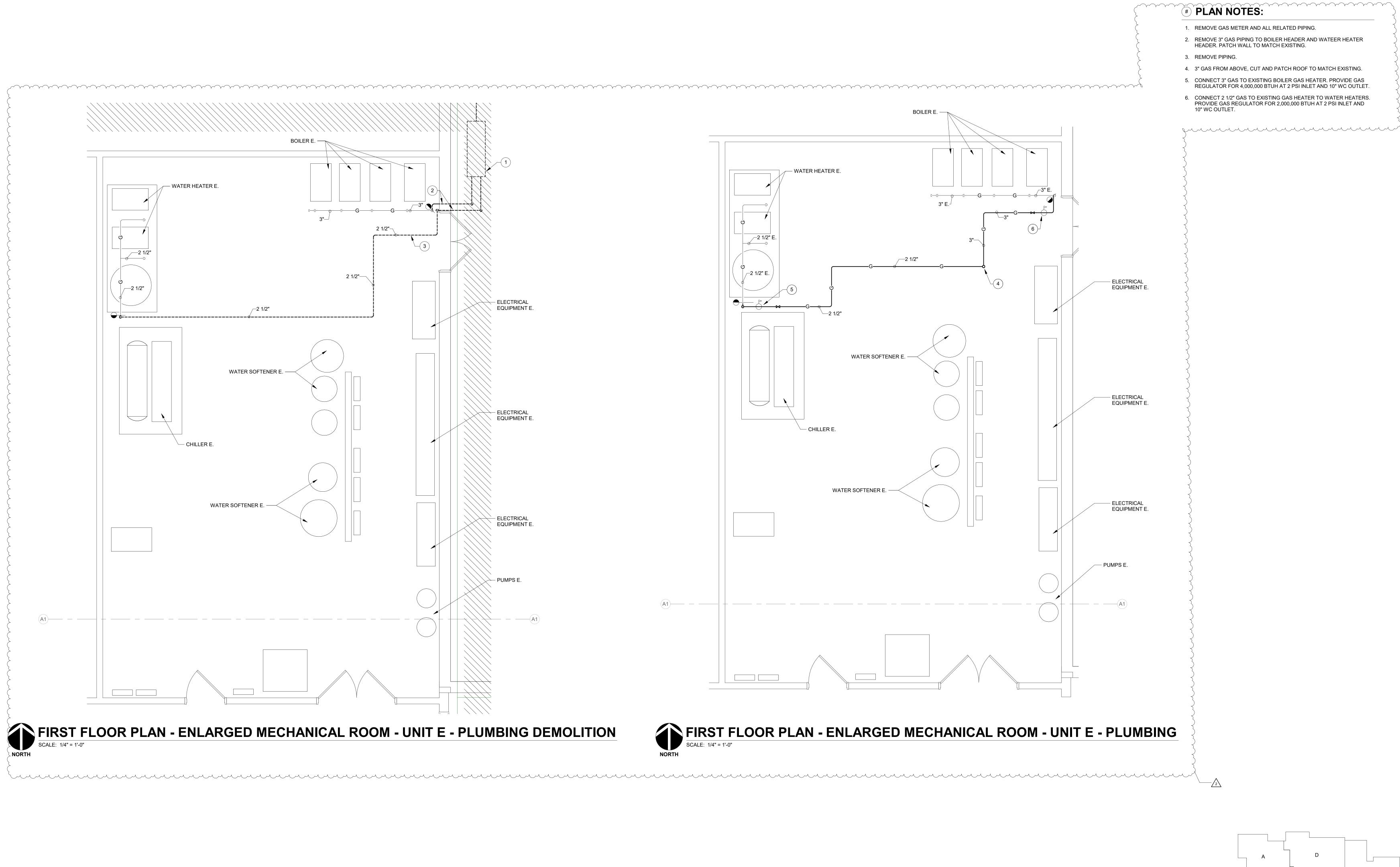
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1/26/2024 GAC DED

FIRST FLOOR
PLAN - UNIT B PLUMBING



PROJECT NUMBER





WORK TO BE INSTALLED

WORK TO REMAIN

### **GENERAL NOTES:**

1. REFER TO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

S

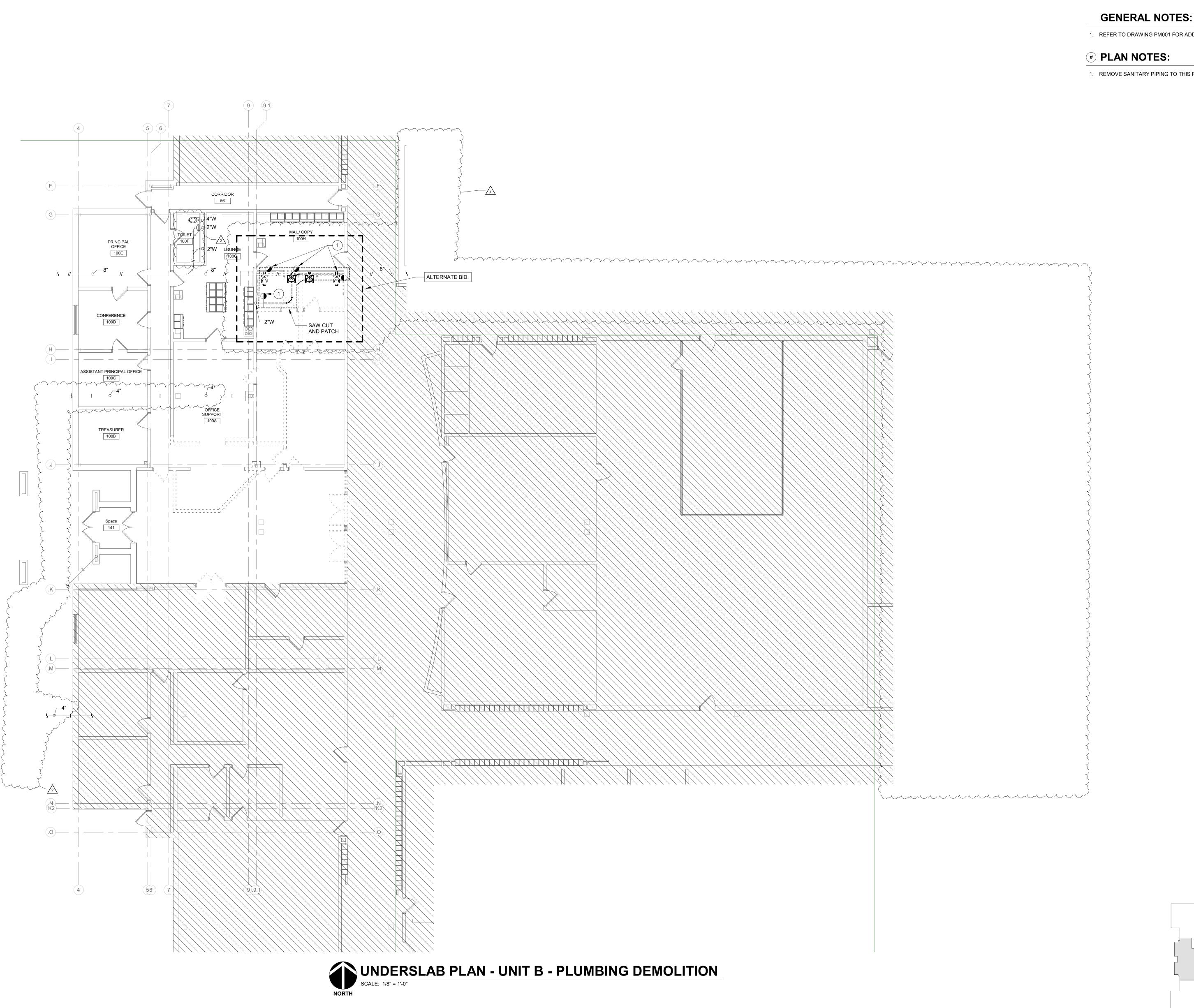
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**REVISIONS:** Addendum #2 2024-02-22

ISSUE DATE | DRAWN BY | CHECKED BY

DRAWING TITLE: **ENLARGED** MECHANICAL ROOM - UNIT E -**PLUMBING** 

DRAWING NUMBER P301E





WORK TO BE REMOVED

WORK TO REMAIN

1. REFER TO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

1. REMOVE SANITARY PIPING TO THIS POINT.



YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

SCOPE DRAWINGS:

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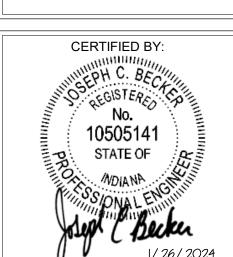
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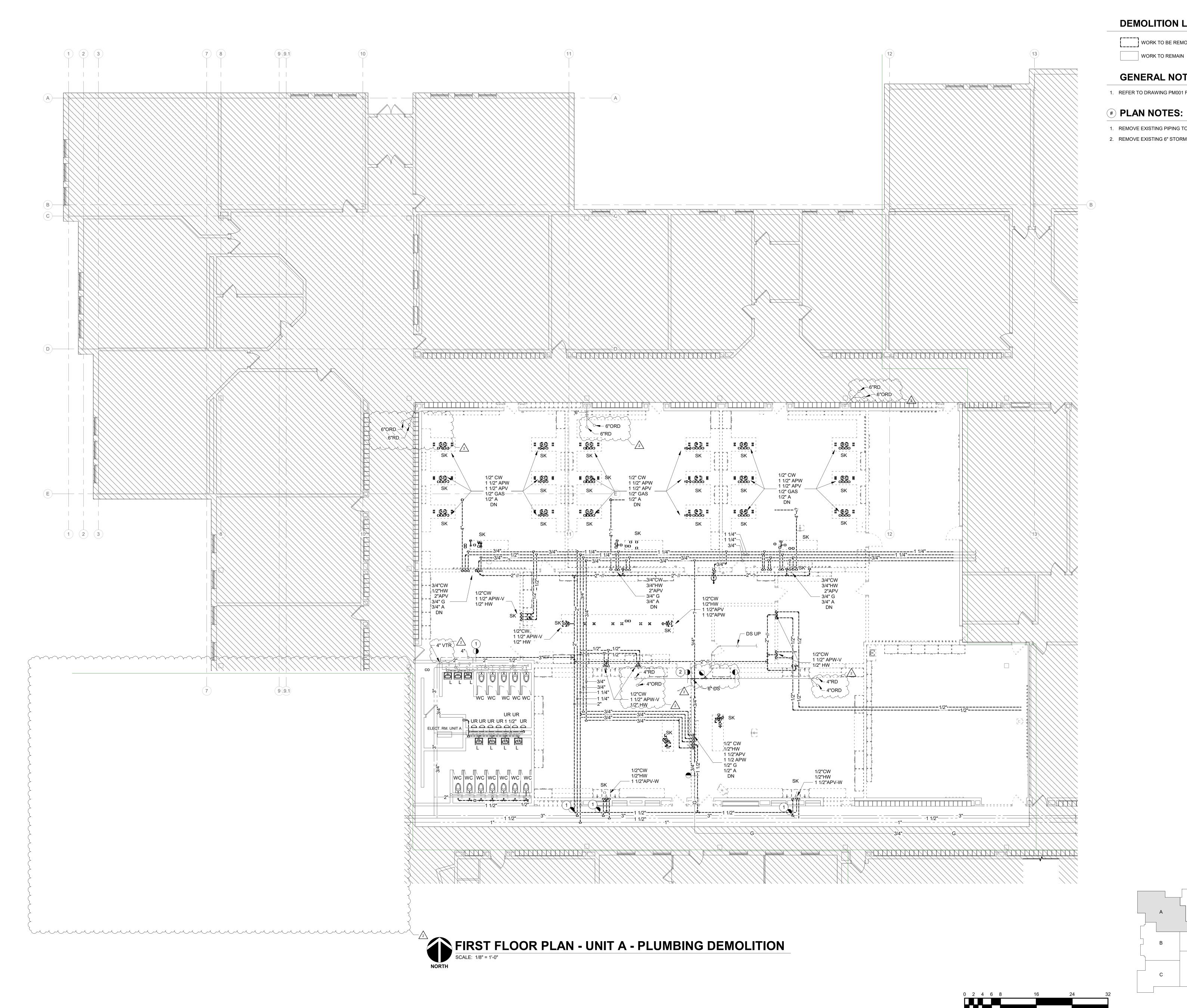
**REVISIONS:** Addendum #2 2024-02-22

ISSUE DATE | DRAWN BY | CHECKED BY

DRAWING TITLE: UNDERSLAB
PLAN - UNIT B PLUMBING
DEMOLITION



PD101B PROJECT NUMBER 2022016





WORK TO BE REMOVED

**GENERAL NOTES:** 

1. REFER TO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

- 1. REMOVE EXISTING PIPING TO THIS POINT AND CAP.
- 2. REMOVE EXISTING 6" STORM CONDUCTOR DOWN.





SCOPE DRAWINGS:

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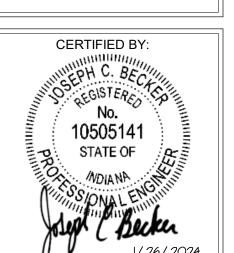
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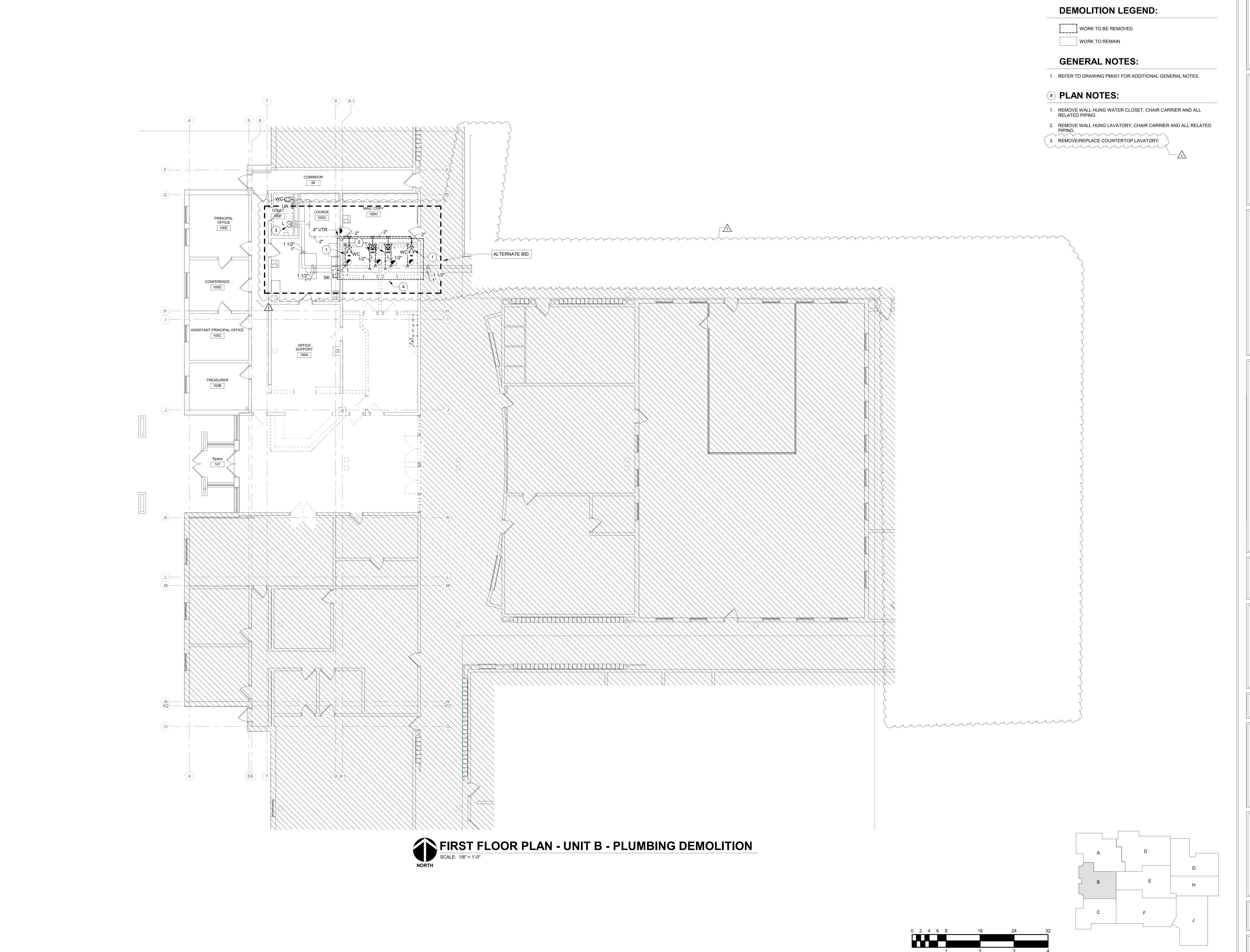
1/26/2024 GAC DED

DRAWING TITLE: FIRST FLOOR PLAN - UNIT A -PLUMBING **DEMOLITION** 



PD201A PROJECT NUMBER 2022016







Keystone Crossing, Indianapolis, IN 46240



Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

ADDITIONS AND RENNOVATIONS

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REVISIONS:

Addendum #1 2024-02-15

Addendum #2 2024-02-22

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FIRST FLOOR
PLAN - UNIT B PLUMBING
DEMOLITION

