ADDENDUM NO. 1

February 16, 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 15, 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 1 - 1 through ADD 1 – 4, Specification Section 00 31 00 Revised Bid Form, and attached CSO Architects Addendum No. 1 dated February 15, 2024, consisting of 171 pages, Specification Sections 08 87 00 – Security Glazing Film, 10 11 00 - Visual Display Surfaces, 12 35 57 – Plastic-Laminate-Clad Laboratory Casework, and 27 05 43 – Customer-Owned Outside Plant, and Drawing Sheets: 000, C100, C101, C300, C400, C401, C402, C403, C500, C501, C502, C503, C900, C901, L100, L200, L501, S201J, S202J, S601, S701, A110, A111, AD101B, AD201G, AD201H, AD201J, A120, A200, A201A, A201B, A201G, A201H, A201J, A211B, A211G, A211H, A211J, A220, A300, A501, A502, A602, A603, A604, A615, A801H, A801J, A900, A901A, A901G, A901H, A901J, FP201, FP201H, FP201J, P101H, P101J, P201H, P201J, P222, P301, M201J, M211J, M301, E201J, E211J, E231J, E301, E601, E612, TD150, T150, T201J, and T405.

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

Section 1.13 Paragraph B. OPENING OF BIDS

Revise the following paragraph:

b. Bids received prior to the time of opening will be securely kept, unopened, in the Construction Manager's eBID system. No bids will be accepted by the eBID system after the specified bid receipt time.

Section 1.20 Paragraph C. COMBINED BIDS

Revise the following paragraph:

c. Separate bids and combination bids must be submitted as separate PDF files on the eBID system.

Electronic Bid Submission Procedures

Add the following section:

a. Electronic Bid Submission procedures attached herein.

B. SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY

3.03 BID CATEGORIES:

A. BID CATEGORY NO. 1 – GENERAL TRADES

Delete the following specification sections:

Section 06 83 00 Composite Paneling

Section 07 42 13 Formed Metal Wall Panels

Add the following specification sections:

Section 06 16 00 – Wood Wall Sheathing

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

Section 27 05 43 – Customer Owned Outside Plant

Revise the following clarifications:

15. Bid Category No. 1 contractor shall receive and install structural steel embeds and anchor bolts furnished by the Bid Category No. 2 contractor for corridor footings and foundations. Bid Category No. 1 shall provide all necessary structural components for Pre-Engineered Metal Building.

16. Bid Category 1 shall provide / establish a durable and stable building pad per the Guideline Schedule to all commencement of the Pre-Engineered Metal Building. Bid Category No. 1 Contractor shall mark the location of the Tension Tie Beams to avoid traffic in those specific areas as indicated in the Construction Documents.

24. Bid Category No. 1 Contractor shall include an allowance in their base bid to provide adequate temporary dustproof partitions, temporary walls, and temporary doors as indicated in the interior phasing plans in Specification Section 01 32 00 Schedule and Reports.

Add the following clarifications:

25. Bid Category No.1 shall provide all miscellaneous metals and fabrications needed to install specification section 11 66 23 Gymnasium Equipment.

26. Bid Category No. 1 shall provide dewatering required for the project and as indicated in the Construction Documents. Bid Category No. 1 shall repair existing fire service vault as indicated in the Construction Documents.

B. BID CATEGORY NO. 2 – STRUCTURAL STEEL

Revise the following clarifications:

3. Coordinate roof openings with bid Category 1, 3, and 9 contractors.

C. BID CATEGORY NO. 3 – ROOFING

Add the following specification sections:

Section 07 42 13 Formed Metal Wall Panels and Soffits.

Section 07 21 00 Thermal Insulation

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

Delete the following specification sections:

Section 06 10 53 Wood Blocking

Add the following specification sections:

Section 08 87 00 – Security Glazing Film

Add the following clarifications:

4. Provide interior and exterior joint sealants for your own work.

5. Bid Category 4 shall provide glass shelving for the display cases.

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

Add the following specification sections:

Section 06 53 00 Composite Paneling

H. BID CATEGORY NO. 8 – CASEWORK AND MILLWORK

Delete the following specification section:

Section 12 35 55 Wood Laboratory Casework

Add the following specification:

Section 12 35 57 Plastic-Laminate-Clad Laboratory Casework

C. **SPECIFICATION SECTION 01 23 00 BID ALTERNATES**

Revise the following alternate:

ALTERNATE NO. 5: Floor Finishes in Corridor J

- Base Bid: In Unit J corridor, 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.

D. **SPECIFICATION SECTION 01 32 00 SCHEDULE AND REPORTS**

Revise the following phasing plans:

- Revised interior and exterior phasing plans are attached herein.
  - 01 32 00d YHS Interior Construction Phasing 2.15.24
  - 01 32 00e YHS Exterior Construction Phasing (West Elevation) 2.15.24
  - 01 32 00f YHS Temporary Classroom Enlarged Detail – Sheet A213 2.15.24

END OF ADDENDUM

EASTERN Engineering 50 YEARS 1972★2022 | eBid ELECTRONIC BID SUBMISSION

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 communiation 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.

• 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

EASTERN Engineering 50 YEARS 1972★2022

eBid ELECTRONIC BID SUBMISSION

How to submit a bid electronically through the online plan room

1) Bidders need to register and sign-in to the plan room, in order to submit a bid.

2) Click on the project listing then click 'Submit Bid' button.

3) Save your completed bid form and required forms as PDFs.

   All bid documents can be in one pdf or separate pdf documents can be uploaded.

4) Click 'Submit Bid' next to the job name on the information tab.

5) Attach bid form and required bid documents per the project specifications.

   Click 'Submit Bid' at bottom of screen.

6) 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.

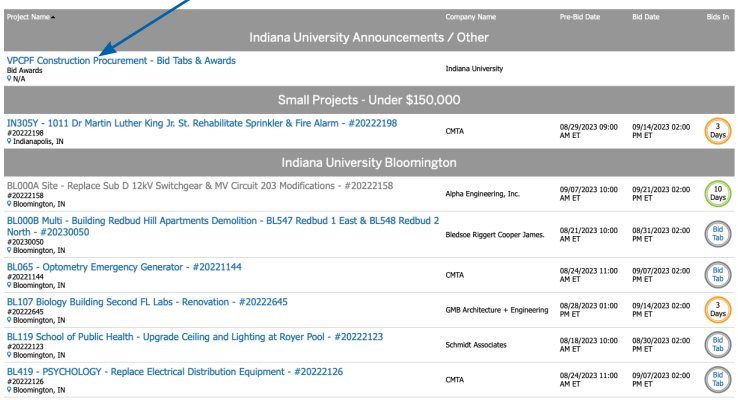
Completely Secure

- 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.

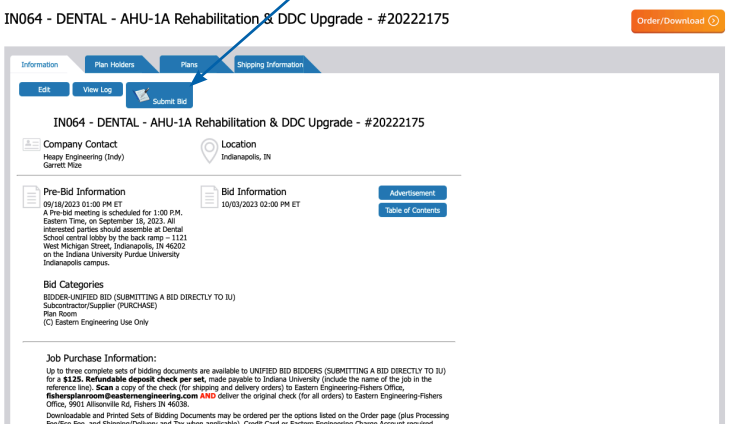
Support is Available

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

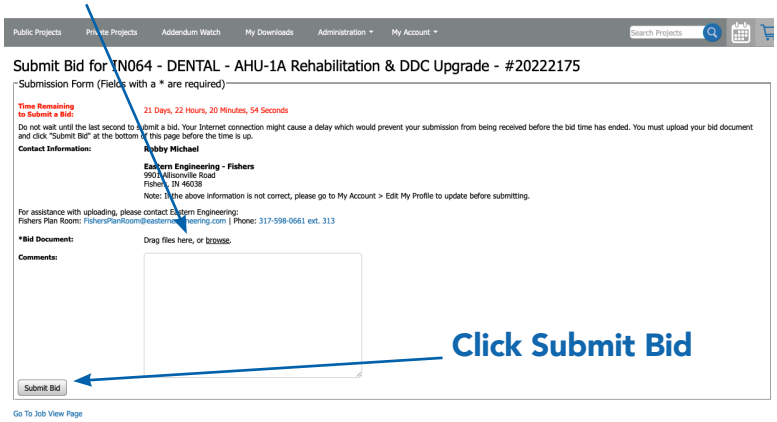
Project listing



Click on Submit Bid 



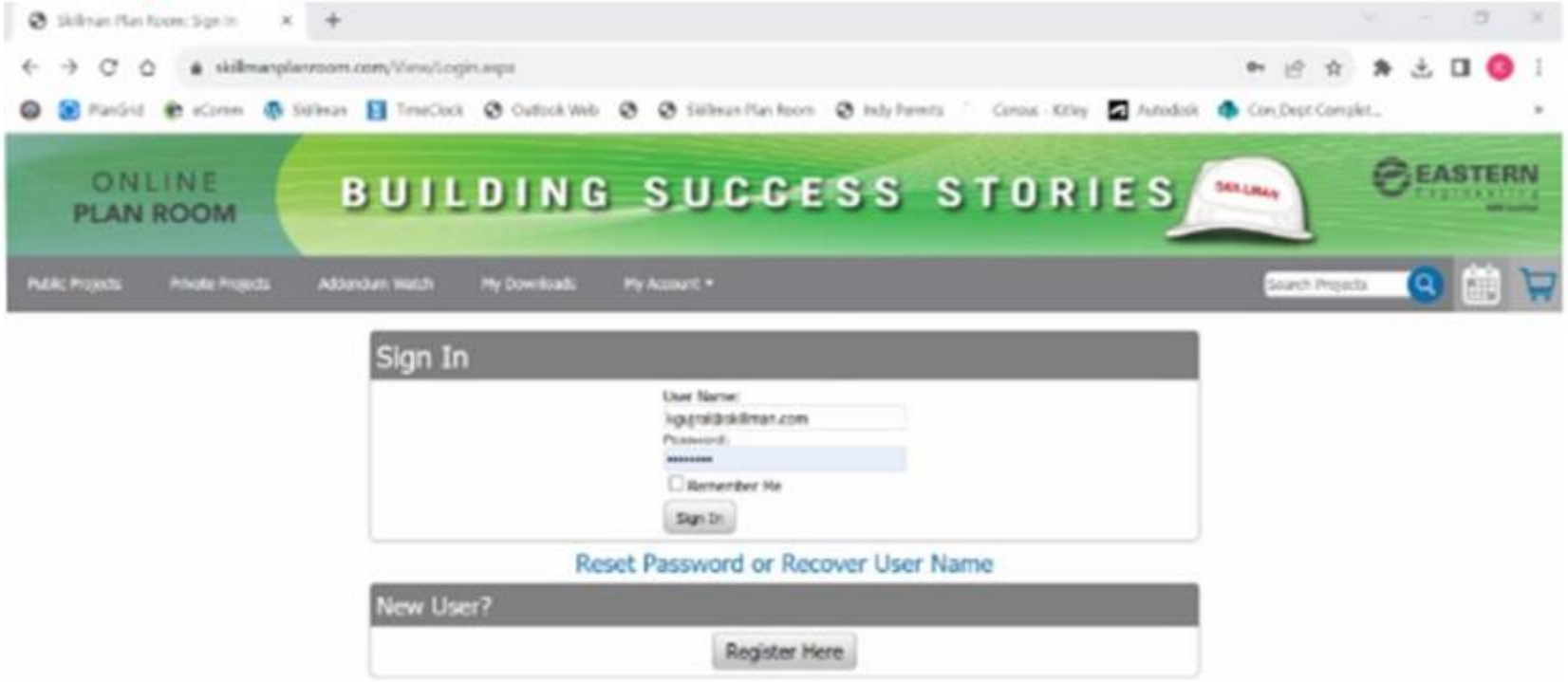
Drag file here or click browse to select your pdfs



Click Submit Bid

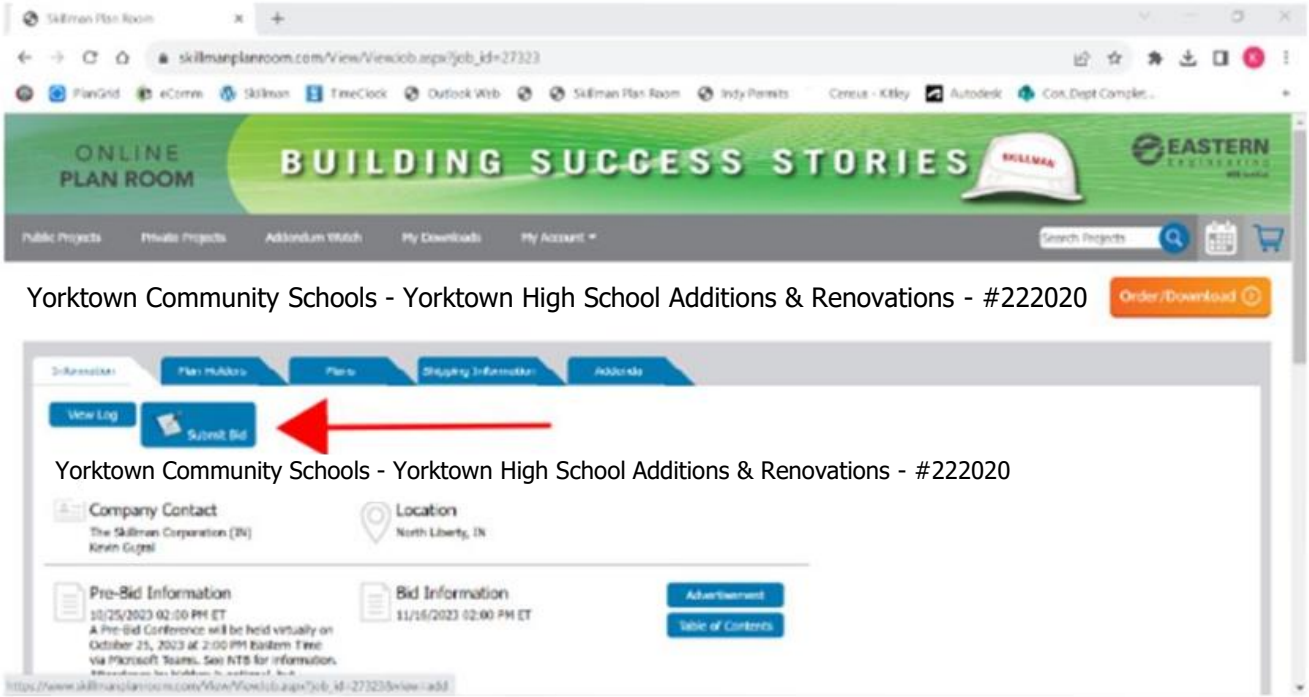
eBID SUBMISSION

GO TO SKILLMANPLANROOM.COM - DO NOT WAIT UNTIL 2:00 PM EASTERN TIME TO SUBMIT YOUR BID; WHEN THE COUNTDOWN CLOCK EXPIRES, EVEN IF YOU ARE IN THE MIDDLE OF THE BID SUBMISSION PROCESS, YOUR BID WILL NOT BE ACCEPTED BY THE eBID SYSTEM.



1. SIGN IN
2. Click Yorktown High School – Addition and Renovations
3. Click SUBMIT BID and FOLLOW INSTRUCTIONS

eBID SUBMISSION

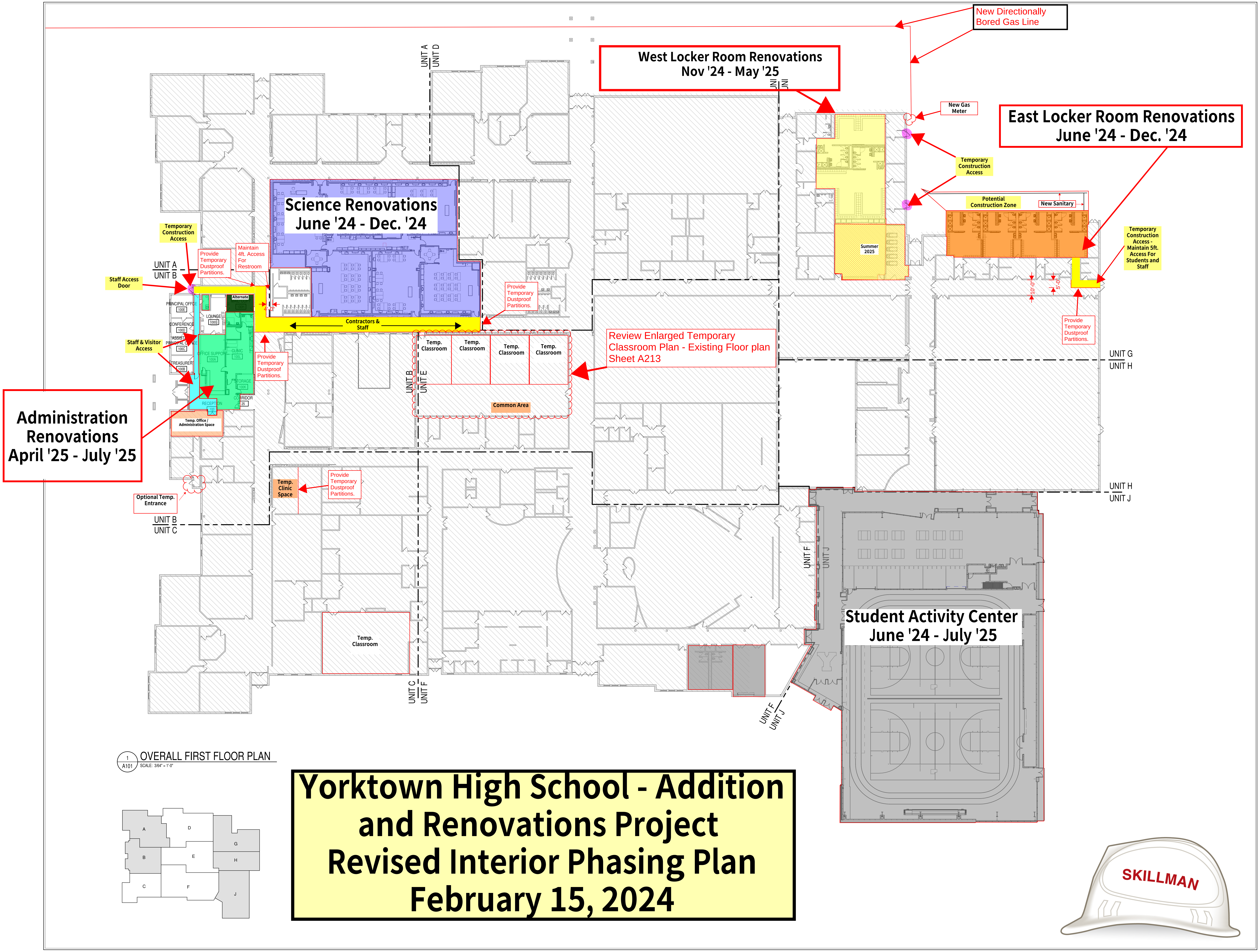


- SAVE YOUR BID FORM AND **ALL REQUIRED ATTACHMENTS** IN PDF FORMAT (**ONE FILE PER BC)**
- NAME YOUR PDF BID FILE AS: YHSAddition&Renovation_Bidder'sName_BidCategory_No.10
- UPLOAD PDF BID FILE TO THE *BID DOCUMENT AREA (Drag & Drop or Click Browse To Select File)
- CLICK SUBMIT BID

FOR COMBINATION BID CATEGORY SUBMISSIONS (eg. BC NOS. 12 AND 13):

- UPLAOD PDF BID FILE NAMED – YHS Addition&Renovation_Bidder'sName_BidCategory_No.10
- UPLAOD PDF BID FILE NAMED – YHS Addition&Renovation_Bidder'sName_BidCategory_No.11
- UPLAOD PDF BID FILE NAMED – YHS Addition&Renovation_Bidder'sName_BidCategory_No.10_11
- CLICK "SUBMIT BID"

Yorktown High School - Addition and Renovations Project Revised Interior Phasing Plan February 15, 2024



New Directionally Bored Gas Line
West Locker Room Renovations Nov '24 - May '25
East Locker Room Renovations June '24 - Dec. '24
New Gas Meter
Temporary Construction Access
Potential Construction Zone
New Sanitary
Summer 2025
Temporary Construction Access - Maintain 5ft. Access For Students and Staff
Provide Temporary Dustproof Partitions.
Science Renovations June '24 - Dec. '24
Temporary Construction Access
Provide Temporary Dustproof Partitions.
Maintain 4ft. Access For Restroom
UNIT A
UNIT B
UNIT D
Staff Access Door
Alternate
Contractors & Staff
Staff & Visitor Access
Provide Temporary Dustproof Partitions.
Temp. Classroom
Temp. Classroom
Temp. Classroom
Temp. Classroom
Common Area
Review Enlarged Temporary Classroom Plan - Existing Floor plan Sheet A213
UNIT E
UNIT G
UNIT H
Administration Renovations April '25 - July '25
Temp. Office / Administration Space
Optional Temp. Entrance
Temp. Clinic Space
Provide Temporary Dustproof Partitions.
UNIT B
UNIT C
UNIT H
UNIT J
UNIT F
UNIT J
Student Activity Center June '24 - July '25
Temp. Classroom
UNIT C
UNIT F
UNIT F
UNIT J
OVERALL FIRST FLOOR PLAN
SCALE: 3/64" = 1'-0"
A B C D E F G H J
SKILLMAN

CSO
8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net

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

SCOPE DRAWINGS:

REVISIONS:
Addendum No. 1 - 2/15/23

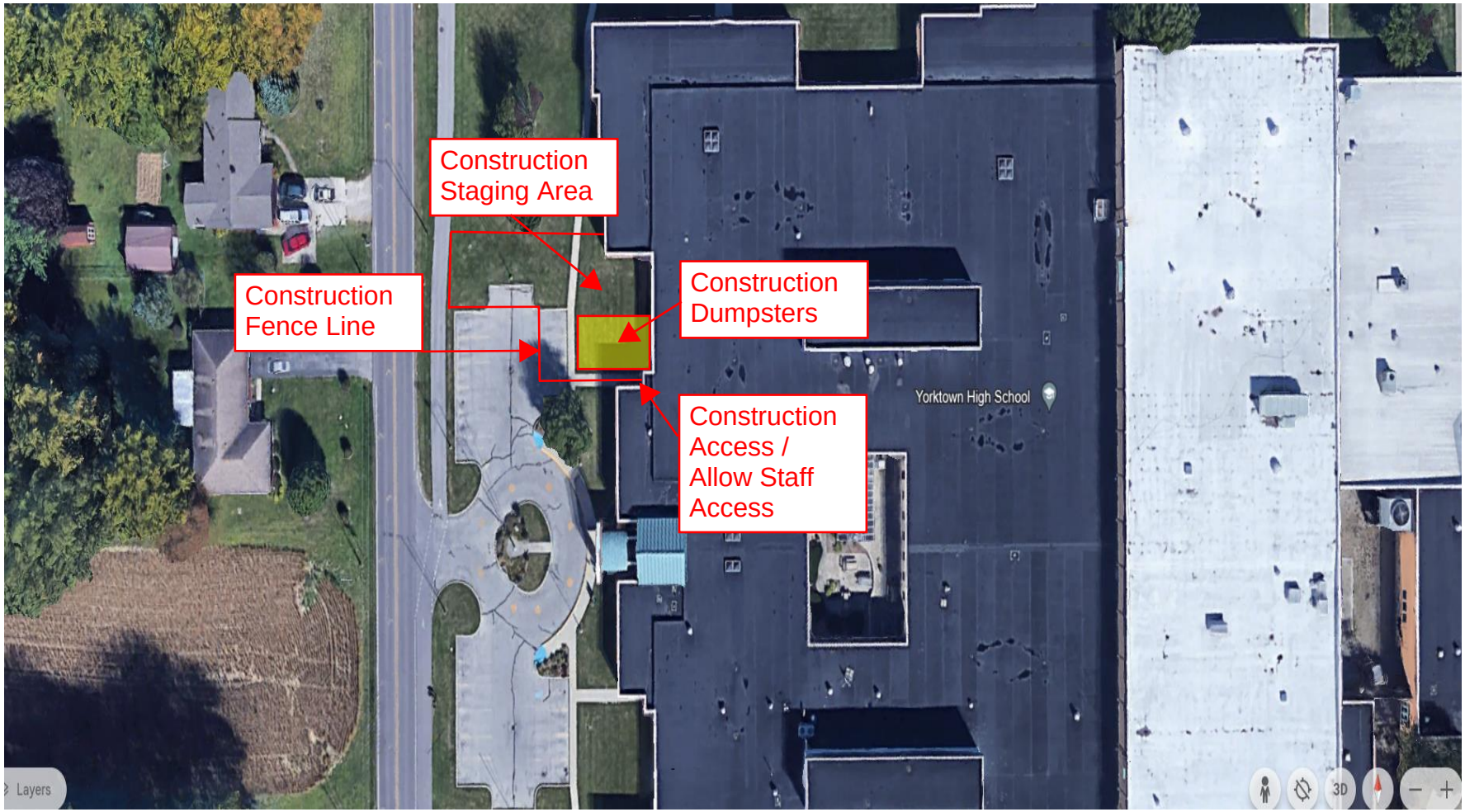
ISSUE DATE	DRAWN BY	CHECKED BY
12/22/2023	KMD	EH

DRAWING TITLE:
OVERALL FIRST FLOOR PLAN

CERTIFIED BY:
95% CONSTRUCTION DOCUMENT SET

DRAWING NUMBER
A101

PROJECT NUMBER
2022016



SKILLMAN

Yorktown High School
Site Logistics Plan
February 15, 2024

N
W
E
S

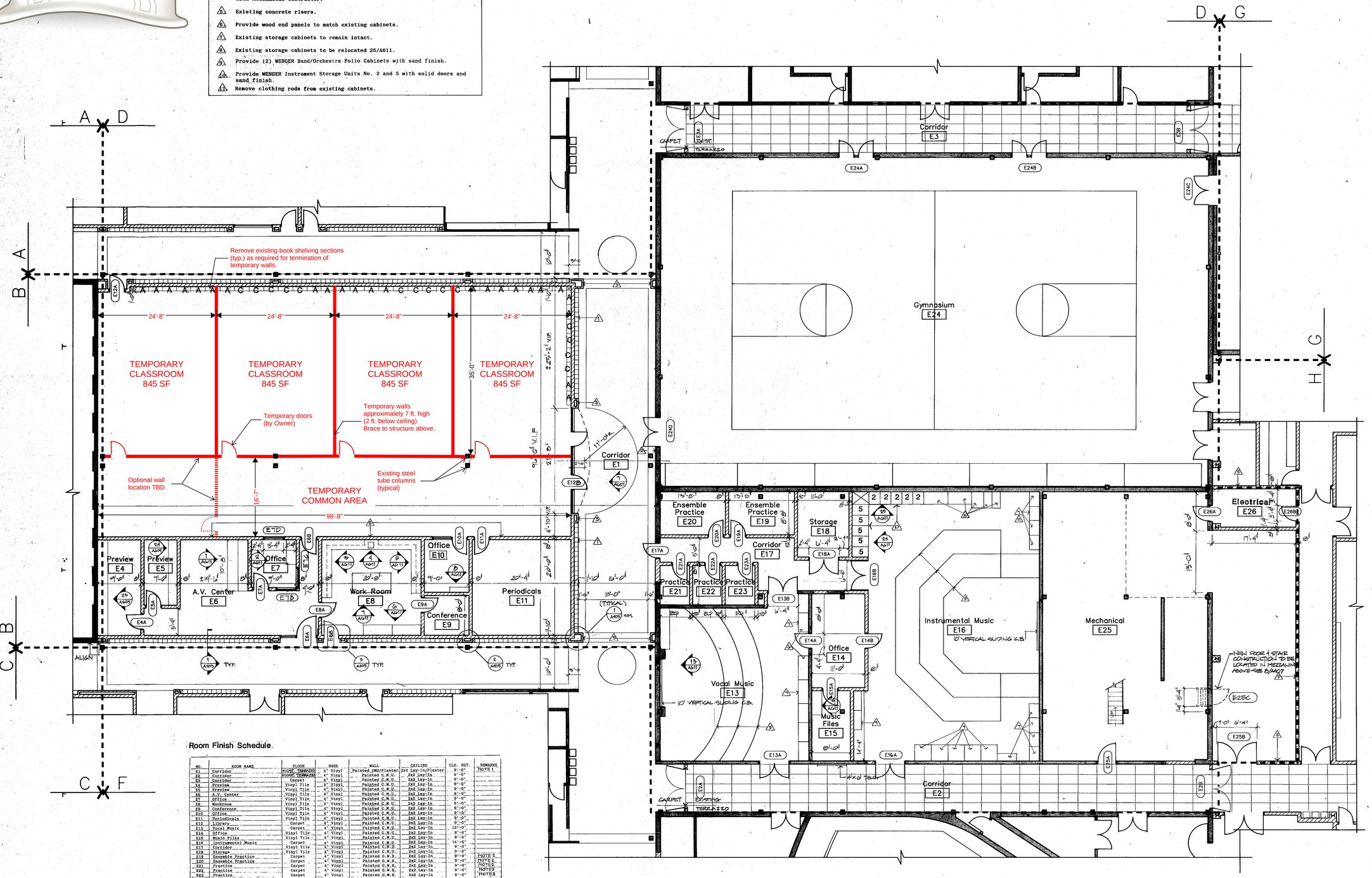
SKILLMAN

Plan Notes

1. Corridor lockers - see Specification Section 10500
2. Fire extinguisher cabinet - mount bottom of cabinet at 4'-0" A.F.F. - see 27/A611.
3. Provide glazed concrete masonry units in configuration shown in 29/A611.
4. Entire length of wall to extend to roof deck. Coordinate air openings with Mechanical Contractor.
5. Existing concrete risers.
6. Provide wood end panels to match existing cabinets.
7. Existing storage cabinets to remain intact.
8. Existing storage cabinets to be relocated 25/A611.
9. Provide (2) WENGER Band/Orchestra Folio Cabinets with sand finish.
10. Provide WENGER Instrument Storage Units No. 2 and 5 with solid doors and sand finish.
11. Remove clothing rods from existing cabinets.

General Notes

1. The basis of interior partition layout is the location of existing terrazzo corridors. Verify any discrepancies with the Architect immediately.
2. Interior dimensions are to face of concrete block (nominal size).
3. Exterior dimensions are to face of masonry wall (above finish floor).



Room Finish Schedule

NO.	ROOM NAME	FLOOR	BASE	WALL	CEILING	CLG. HGT.	REMARKS
E1	Corridor	TERRAZZO	4" Vinyl	Painted CMU/Plaster	2x2 Lay-In/Plaster	9'-0"	NOTE 1
E2	Corridor	TERRAZZO	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E3	Corridor	Carpet	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E4	Preview	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E5	Preview	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E6	A.V. Center	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E7	Office	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E8	Workroom	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E9	Conference	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E10	Office	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E11	Periodicals	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E12	Library	Carpet	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E13	Vocal Music	Carpet	4" Vinyl	Painted C.M.U.	2x2 Lay-In	12'-0"	
E14	Office	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E15	Music Files	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E16	Instrumental Music	Carpet	4" Vinyl	Painted C.M.U.	2x2 Lay-In	14'-0"	
E17	Corridor	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E18	Storage	Vinyl Tile	4" Vinyl	Painted C.M.U.	2x2 Lay-In	9'-0"	
E19	Ensemble Practice	Carpet	4" Vinyl	Painted G.W.B.	2x2 Lay-In	9'-0"	NOTE 2
E20	Ensemble Practice	Carpet	4" Vinyl	Painted G.W.B.	2x2 Lay-In	9'-0"	NOTE 2
E21	Practice	Carpet	4" Vinyl	Painted G.W.B.	2x2 Lay-In	9'-0"	NOTE 2
E22	Practice	Carpet	4" Vinyl	Painted G.W.B.	2x2 Lay-In	9'-0"	NOTE 2
E23	Practice	Carpet	4" Vinyl	Painted G.W.B.	2x2 Lay-In	9'-0"	NOTE 2
E24	Gymnasium	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	No Work
E25	Mechanical	- - - - -	- - - - -	- - - - -	- - - - -	- - - - -	No Work
E26	Electrical	Sealed Conc.	4" Vinyl	Painted C.M.U.	- - - - -	- - - - -	

Remarks

1. Walls to extend to underside of roof deck. Coordinate return air openings with Mechanical Contractor. (Common wall of spaces with walls extending to deck need not extend to deck).
2. Construct gypsum wallboard ceiling (no plaster finish required) 1'-6" above lay-in ceiling for acoustical isolation. Use acoustical resilient hangers. Masonry walls to have 5/8" g.w.b. on 3/4" resilient furring channels for acoustical isolation.

1 Floor Plan — Building E
Scale: 1/8" = 1'-0"

North

87036		
BLG E DIM.	BLG E DIM.	

PRINT GRAPHICS 89441

Schmidt Associates Architects, Inc.
Wil-Fra-Mar Building
320 East Vermont Street
Indianapolis, Indiana 46204
(317) 634-8100

Project No. 87036
Date 27 JUNE, 1988
Produced TDU, JDC, MEW
Revised

WAYNE S. SCHMIDT REGISTERED No. 2631 STATE OF INDIANA ARCHITECT

Addendum No. 1 - 2/15/23

Key Plan

YORKTOWN HIGH SCHOOL

Yorktown High School
Enlarged Temporary Classroom Pan
February 15, 2024

Floor Plan
A213

ADDENDUM

CSO
ARCHITECTURE · INTERIOR DESIGN

ADDENDUM NO: 1

PROJECT: Yorktown High School Additions and Renovations

PROJECT NO: 2022016 DATE: 02/15/2024 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 ADD1-13

Attached Documents:
08 87 00 - Security glazing film
10 11 00 - Visual display surfaces
12 35 57 – Plastic-Laminate-Clad Laboratory Casework
27 05 43 – Customer-Owned Outside Plant

Attached Drawing Sheets:
C000, C100, C101, C300, C400, C401, C402, C403, C500, C501, C502, C503, C900, C901, L100, L200, L501, S201J, S202J, S601, S701, A110, A111, AD101B, AD201G, AD201H, AD201J, A120, A200, A201A, A201B, A201G, A201H, A201J, A211B, A211G, A211H, A211J, A220, A300, A501, A502, A602, A603, A604, A615, A801H, A801J, A900, A901A, A901G, A901H, A901J, FP201, FP201H, FP201J, P101H, P101J, P201H, P201J, P222, P301, M201J, M211J, M301, E201J, E211J, E231J, E301, E601, E612, TD150, T150, T201J, T405

PART 0 - GENERAL INFORMATION

0.1 Pre-Bid Meeting Agenda

0.2 Pre-Bid Meeting Sign-In Sheet

PART 1 - BIDDING REQUIREMENTS

1.1 NOT USED

PART 2 - SPECIFICATIONS

2.1 07 52 23 – Ethylene-Propylene-Diene-Monomer (EPDM) Roofing

A. Under item 2.01.A.1. add **d**. as follows:

d. Mule-Hide Products Co. Inc.

2.2 08 87 00 - Security Glazing Film

8831 Keystone Crossing, Indianapolis, IN 46240 | 317.848.7800 | csoinc.net

A. Add new specification in its entirety.

2.3 09 64 66 – Wood Athletic Flooring

A. Under item 2.03.A add **4** as follows:

4. Aacer Sports Flooring

2.4 09 65 66 – Resilient Athletic Flooring

A. Under item 2.02.A add "**4**" as follows:

4. REGUPOL, America LLC

2.5 10 11 00 - Visual Display Surfaces

A. Removed tack strip display rail from summary.

B. Added 2.06.C to clarify flag holder and USA flag locations.

2.6 12 35 55 – Wood Laboratory Casework

A. Delete this specification in its entirety from the project manuals.

2.7 12 35 57 – Plastic-Laminate-Clad Laboratory Casework

A. Add new specification in its entirety.

2.8 27 05 43 – Customer-Owned Outside Plant

A. Add new specification in its entirety.

PART 3 - DRAWINGS

3.1 C000 – TITLE SHEET

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

B. Added Town & Utility Contacts.

3.2 C100 – EXISTING CONDITIONS PLAN

A. Modified existing inlet label description.

B. Extended Gas and Water line, per additional past plan information.

C. Modified building description.

3.3 C101 – DEMOLITION PLAN

A. Added City and Utility Contacts.

B. Modified water and gas demolition limits.

C. Added stormwater pipe demolition and additional parking lot inlet.

D. Modified sanitary demolition limits.

3.4 C300 – GRADING PLAN

A. Modified grade and location of inlet casting.

B. Modified ramp elevations.

C. Added Match Existing spot shots.

3.5 C400 – DRAINAGE DETENTION PLAN

A. Modified location of STR 403.

B. Added STR 410A and associated stormwater pipe.

C. Added Underground Detention 100yr elevation.

3.6 C401 – DRAINAGE DETENTION PLAN

A. Modified location and casting elevation of STR 403.

3.7 C403 – DRAINAGE PROFILES

A. Added proposed utilities to West Alignment Profile.

3.8 C402 – DRAINAGE PROFILE

A. Modified to shoe existing site information in plan background

3.9 C500 – UTILITY PLAN

A. Added City and Utility Contacts note.

3.10 C501 – UTILITY PLAN

A. Added sanitary sewer connection to Concession Building.

B. Added bollards around transformer.

C. Added domestic water service line to Concession Building & Maintenance Building

D. Added irrigation lines to Varsity Football Field, Practice Football Field and Baseball Field

E. Added water pit with meter and irrigation pump east of the ADA parking area

F. Modified Concession Building sanitary lateral location.

3.11 C502 – UTILITY PLAN

A. Added dewatering note at existing meter vault at west end of parking lot.

3.12 C503 – UTILITY PLAN ALTERNATE #3

A. Added coordination note with Plumbing Plans.

3.13 C900 – STORMWATER POLLUTION PREVENTION PLAN

A. Modified notes per Muncie Sanitary District Stormwater Management Department.

B. Added filter sock to protect track.

3.14 C901 – STORMWATER POLLUTION PREVENTION NOTES

A. Modified notes per Muncie Sanitary District Stormwater Management Department.

B. Added filter sock erosion control measures maintenance requirements.

3.15 S201J – FOUNDATION PLAN – UNIT J

A. Dimensions around the new southwest entry have been revised to better accommodate the existing skewed exterior wall as shown on the attached drawing.

B. Dimensions to the PEMB Building Lines have been adjusted as shown on the attached drawing.

C. Column lines J4.3 & J5.0 have been moved south 10' and renamed J3.8 & J4.3 as shown on the attached drawing.

D. Column J9-JF has been changed from an HSS6x6x3/8 to a round HSS6.625x0.375 as shown on the attached drawing.

3.16 S202J – LOW ROOF / MEZZ FLOOR FRAMING PLAN – UNIT J

A. Dimensions around the new southwest entry have been revised to better accommodate the existing skewed exterior wall as shown on the attached drawing.

B. Dimensions to the PEMB Building Lines have been adjusted as shown on the attached drawing.

C. Column lines J4.3 & J5.0 have been moved south 10' and renamed J3.8 & J4.3 as shown on the attached drawing.

3.17 S601 – FOUNDATION SECTIONS AND DETAILS

A. Sections 1, 2, 3, 4, 5, 7, 9, and 11 shall be revised as shown on the attached drawing.

3.18 S701 – FRAMING SECTIONS & DETAILS

A. Sections 9 and 14 shall be revised as shown on the attached drawing.

3.1 A110 – FIRST FLOOR LIFE SAFETY PLAN

A. Identify AEDs and FECs locations.

B. Identify the One-Hour Rated wall in the Science Lab area.

3.2 A111 – LIFE SAFETY PLAN – UNIT F

A. Identify AEDs and FECs locations.

3.3 AD101B – FIRST FLOOR DEMOLITION PLAN – UNIT B

A. Add Demo Note 14 and 23 in Breakroom, Hallway, and Storage Room.

B. Revise tag for the ceiling in Reception from Demo Note #14 to **Demo Note #16.**

3.4 AD201G – FIRST FLOOR DEMOLITION PLAN – UNIT G

A. Revise Demo Note #24 to include **FLOORING** to be removed, typical all locations.

B. Add Demo Note **#40 – REMOVE EXISTING WIRE SHELF AND BRACKETS COMPLETE.**

C. Identified demolition of water fountain, shelving, and TVs.

D. Indicate additional area of Alternate Bid.

3.5 AD201H – FIRST FLOOR DEMOLITION PLAN – UNIT H

A. Add Demo Note #14 in Concession.

B. Add Demo Note #7 for demolition of water fountains.

C. Add Demo Note **#25 – REMOVE EXISTING GYPSUM BULKHEAD.**

D. Add Demo Note **#26 – REMOVE COILING CONCESSIONS DOOR AND COUNTER TOP COMPLETE.**

3.6 AD201J – FIRST FLOOR DEMOLITION PLAN – UNIT J

A. Add Demo Note #14 in Vestibule.

B. Add Demo Note #21 in Men's and Women's Restroom.

3.7 A120 – EXTERIOR GATE

A. Add dimensions for thickness of limestone to detail 5/A120.

3.8 A200 – WALL TYPES, LIMESTONE PROFIELS, & GENERAL NOTES

A. Revise W12 to be **1 5/8"** metal studs.

B. Revise General Note Q to read: **5/16 CLEAR LAMINATED GLASS**; typical all sheets.

C. Revise General Note CC to read: **0'-0"**; typical all sheets.

3.9 A201A – FIRST FLOOR PLAN – UNIT A

A. Modify all instructor stations in Life Science Labs, Chemistry Labs, and Science Labs to be **5'-0"** from wall to back of station.

3.10 A201B – FIRST FLOOR PLAN – UNIT B

A. Add Plan Note **#28 – INSTALL SECURITY GLAZING FILM ONTO EXISTING WINDOW AND DOOR GLAZING, ALL LITES IN THE DOOR, ON THE EXISTING WINDOWS PROVIDE GLAZING FILM ON ALL LITES THAT ARE 8'-0" AND BELOW TO FINISH FLOOR, SEE SPEC 08 87 00.**

B. Modify Door 100.2 to be **3'-0" double door.** See door schedule for additional information.

3.11 A201G – FIRST FLOOR PLAN – UNIT G

A. Revise opening on classroom side of Classroom 513. Remove CMU to match existing opening and fur out existing wall in Classroom 513 with wall type **W1.**

B. Indicate additional area of Alternate Bid.

3.12 A201H – FIRST FLOOR PLAN – UNIT H

A. Omit Plan Note #9 along Corridor 9 and Vestibule 12.

B. Revise Plan Note #9 to read; **NOT USED.**

C. Revise location of drinking fountains and place them where the 6'-6" display case was located.

D. Tag doors 9C-1 and 9C-2.

E. Replace doors H10B, H10C, and H10D.

F. Relocate floor hatch door in Corridor 9 to coordinate with consultants.

G. Provide dimensions for clarity between buildings.

H. Revise layout and fur out wall around door 9A.

3.13 A201J – FIRST FLOOR PLAN – UNIT J

A. Revise Weights & Conditioning 900 south wall. The South wall shifted south **+/- 10'-0"**. Platform 900A, Office 900B, Weights Storage 900C, Mechanical Access 900D, and Mechanical Mezzanine all shift accordingly.

B. Revise layout for doors 901.1 and 901.2 as well as the TV feature wall as part of the Weights & Conditioning wall shift.

C. Add fur out the South wall of Vestibule 12 with **W12.**

D. Provide additional dimensions for graphical clarity and constructability around Vestibule 7 and door 9B.

E. Add Plan Note #26 to Storage 704.

3.14 A211B – FIRST FLOOR REFLECTED CEILING PLAN – UNIT B

A. Revise Ceiling Note #1 to read; **PAINT (P5)**.

B. Add new CL1 in hallway.

C. Identify the slope of the ceiling in Reception 100.

3.15 A211G – FIRST FLOOR REFLECTED CEILIGN PLAN – UNIT G

A. Add Ceiling Note **#27 – BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF.**

B. Add Ceiling Note **#28 – BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +7'-8" AFF.**

C. Add Ceiling Note **#29 – BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +7'-4" AFF.**

D. Locate Ceiling Notes #27, #28, and #29.

E. Tag Existing Ceiling in Storage room.

F. Revise so all showers locker rooms have ceiling **CL5.**

3.16 A211H – FIRST FLOOR REFLECTED CEILING PLAN – UNIT H

A. Revise CL1 ceiling in Corridor 9 to be **11'-0"**

B. Add **CL1 in Concessions at same height as existing ceiling.**

C. Add **CL1 in existing Vestibule at door 9A at same height as existing ceiling.**

D. Tag New Ceiling at door 9A as **CL5 at 8'-8".**

3.17 A211J – FIRST FLOOR REFLECTED CEILING PLAN – UNIT J

A. Add Ceiling Note #27 above both water fountain locations.

B. Add 19 tag to west bulkhead.

C. Clarify Platform 900A and Weights Storage 900C both to **Exposed Ceiling with Plan Note #23.**

D. Identify additional expansion joints needed in the ceiling as **Ceiling Note #26.**

3.18 A220 – ENLARGED FLOOR PLAN

A. **Issue new sheet in its entirety.**

3.19 A300 – OVERALL BUILDING ELEVATIONS

A. Revise Grid bubbles for graphical clarity.

3.20 A501 – DOOR AND FRAME SCHEDULE

A. Add doors **100A.1, 9C-1, 9C-2, 900, and 900.2 to door schedule.**

B. Revise Frames **F7-F10** to correctly relate to door schedule.

C. Provide additional information for frames F6-F16.

3.21 A502 – FRAME ELEVATIONS

A. Omit frames **F26 and F27.**

B. Revise frame F17 to become **F17.2.**

C. Add new frame elevation **F17.1.**

D. Provide additional information for frames F17.1- F25.

3.22 A602 – INTERIOR ELEVATIONS

A. Omit **1/A602.** Drawing is Not Used.

B. Add Elevation Note **#18 – HATCHED AREAS TO RECEIVE SECURITY WINDOW FILM.**

C. Tag MB1 and TB2 on 7/A602.

3.23 A603 – INTERIOR ELEVATIONS

A. Add 2/603 as a **new detail.** Change existing details numbers.

B. Add **EP3** finish tag to detail 1.

C. Remove "EXISTING FINISH TO REMAIN" tag in detail 1.

D. **WP1** and **TV1** moved and detailed.

E. Revise **EP2** to extend over new column in detail 5.

3.24 A604 – INTERIOR ELEVATIONS

A. Provide dimension for the bottom of DC2.

3.25 A615 – ENLARGED MILLWORK PLANS, SECTIONS AND DETAILS

A. Revise reception desk. Replace Metal Panel (WP3) with **SS4**. Eliminate backlighting behind the "Y".

B. Modify shape of reception desk for constructability.

C. Revised the inset for the "Y" logo.

3.26 A801H – FIRST FLOOR FINISH PLAN - UNIT H

A. Tag **EP4** and **WT3** at revised drinking fountain location.

B. Remove **WOC1** and replace with adjacent floor finish.

C. Remove Finish Plan Note **F18** in its entirety; typical all sheets.

D. Add Finish Plan Note **F19 – PROVIDE SMOOTH TRANSITION FROM NEW SLAB TO EXISTING TERRAZZO AS REQUIRED TO RECEIVE (LVT2)**.

1. Typical all sheets.

E. Tag **F19** in corridor.

3.27 A801J – FIRST FLOOR FINISH PLAN - UNIT J & F

A. Add group finish tag to Storage 704.

B. Add elevation **2/A603**.

C. Add **EP4** outside existing corridor.

D. Add **WP1** and **EP3** tag.

E. Remove Finish Plan Note **F18** in its entirety; typical all sheets.

F. Add Finish Plan Note **F19 – PROVIDE SMOOTH TRANSITION FROM NEW SLAB TO EXISTING TERRAZZO AS REQUIRED TO RECEIVE (LVT2)**.

1. Typical all sheets.

3.28 A900 – EQUIPMENT SCHEDULE AND DETAILS

A. Add dimensions for clarity to 3/A900.

B. Add detail **6/A900.**

3.29 A901A – FIRST FLOOR EQUIPMENT PLAN – UNIT A

A. Tag **FB1** in lab rooms.

3.30 A901G – FIRST FLOOR EQUIPMENT PLAN – UNIT G

A. Indicate additional area of Alternate Bid.

3.31 A901H – FIRST FLOOR EQUIPMENT PLAN – UNIT H

A. Modify hatch for clarity of scope of work.

3.32 A901J – FIRST FLOOR EQUIPMENT PLAN – J

A. See comments for A201J regarding plan revisions. Equipment adjust accordingly around plan revisions.

B. Tag **FH** in Corridor 9.

C. Identify locations of Expansion Joints .

3.33 FP201 – FIRST FLOOR PLAN - OVERALL - FIRE PROTECTION

A. Revised zone map and notes.

B. Revise drawing per Drawing No.FP201 attached.

3.34 FP201H – FIRST FLOOR PLAN -UNIT H - FIRE PROTECTION

A. Revised ceiling and plan notes.

B. Revise drawing per Drawing No.FP201 H attached.

3.35 FP201J – FIRST FLOOR PLAN -UNIT J - FIRE PROTECTION

A. Revised ceiling and plan notes.

B. Revise drawing per Drawing No.FP201J attached.

3.36 P101H – UNDERSLAB PLAN PLAN -UNIT H - PLUMBING

A. Revised Underground piping.

B. Revise drawing per Drawing No.P201H attached.

3.37 P101J – UNDERSLAB PLAN -UNIT J - PLUMBING

A. Revised Underground piping.

B. Revise drawing per Drawing No.P201J attached.

3.38 P201H – FIRST FLOOR PLAN -UNIT H - PLUMBING

A. Revised piping and fixture.

B. Revise drawing per Drawing No.P201H attached.

3.39 P201J – FIRST FLOOR PLAN -UNIT J - PLUMBING

A. Revised piping and fixtures.

B. Revise drawing per Drawing No.P201J attached.

3.40 P222 – PARTIAL ROOF PLAN - PLUMBING

A. Revised roof drains.

B. Revise drawing per Drawing No.P222 attached.

3.41 P301–ENLARGED MECHANICAL ROOM MEZZAINE - UNITJ - PLUMBING

A. Revised mechanical equipment, floor drains and piping.

B. Revise drawing per Drawing No.P301J attached.

3.42 M201J - FIRST FLOOR PLAN - UNIT J & F - AIR DISTRIBUTION

A. Weights & Conditioning room enlarged. Ductwork, grilles, louvers, etc adjusted.

B. Replace drawing per Drawing No. M201J attached.

3.43 M211J - FIRST FLOOR PLAN - UNIT J - HYDRONICS

A. Weights & Conditioning room enlarged. Thermostat shifts with wall.

B. Replace drawing per Drawing No. M211J attached.

3.44 M301 - ENLARGED MEZZANINE MECHANICAL ROOM - UNIT J - MECHANICAL

A. Weights & Conditioning room enlarged. Mechanical mezzanine moved south and equipment, ductwork, piping, louvers, etc adjusted.

B. Replace drawing per Drawing No. M301 attached.

3.45 E201J – FIRST FLOOR PLAN – UNIT J – LIGHTING

A. Revise lighting layout as shown on drawing.

B. Revise drawing per Drawing No. E201J attached.

3.46 E211J – FIRST FLOOR PLAN – UNIT J – POWER

A. Revise devices as shown on drawing.

B. Add receptacles for water coolers in corridor.

C. Add Plan Notes for Motorized Bleachers

D. Replace drawing per Drawing No. E211J attached.

3.47 E231J – FIRST FLOOR PLAN – UNIT J – FIRE ALARM

A. Revise fire alarm layout as shown on drawing.

B. Replace drawing per Drawing No. E231J attached.

3.48 E301 – ENLARGED PLANS – ELECTRICAL

A. Replace drawing per Drawing No. E211J attached.

3.49 E601 – SCHEDULES – ELECTRICAL

A. Update INTERIOR LIGHT FIXTURE SCHEDULE as shown on drawing.

B. Replace drawing per Drawing No. E601 attached.

3.50 E612 – SCHEDULES - PANELBOARDS

A. Update Panelboard Schedule 12J1.

B. Replace drawing per Drawing No. E612 attached.

3.51 TD150 – OVERALL FIRST FLOOR PLAN – TELECOM DEMOLITION

A. Add existing fiber cabling.

B. Revise drawing per Drawing No. TD150 attached.

3.52 T150 – OVERALL FIRST FLOOR PLAN – TELECOM

A. Add new fiber connecting to existing fiber cabling.

B. Revise drawing per Drawing No. T150 attached.

3.53 T201J – FIRST FLOOR PLAN – UNIT J & F TELECOM

A. Add new fiber connecting to existing fiber cabling.

B. Revise drawing per Drawing No. T201J attached.

3.54 T405 – OSP DETAILS - TELECOM

A. Add Drawing No. T405 attached.

END ADDENDUM #1

Yorktown High School – Addition and Renovations

PRE-BID MEETING

February 14, 2024

PRE-BID MEETING

Yorktown High School – Addition & Renovations

1100 S. Tiger Drive, Yorktown, IN 47396

OWNER

Yorktown Community Schools

- Greg Hinshaw, Superintendent
- Rusty Byard, Maintenance Director
- Stacey Brewer, Principal
- Paul Heidenreich, Athletic Director

YORKTOWN
Yorktown Community Schools

ARCHITECT

CSO Architects

- Brent Hite, Principal / Architect
- Emery Hunt, Associate Principal / Assoc. Architect

ehunt@csoinc.net

THE SKILLMAN TEAM

ACCOUNT EXECUTIVE

- Victor Landfair
- vdlandfair@skillman.com
- 317-850-5996

PROJECT MANAGER

- David Yancey
- dyancey@skillman.com
- 219-730-7765

SITE MANAGER

- Brennan Gillespie
- bgillespie@skillman.com
- 317-474-3839

PROJECT ENGINEER

- D'Andre Embry
- dembry@skillman.com
- 317-670-3858

ADMIN. ASSISTANT

- Connie Patton
- cbpatton@skillman.com
- 317-788-5151

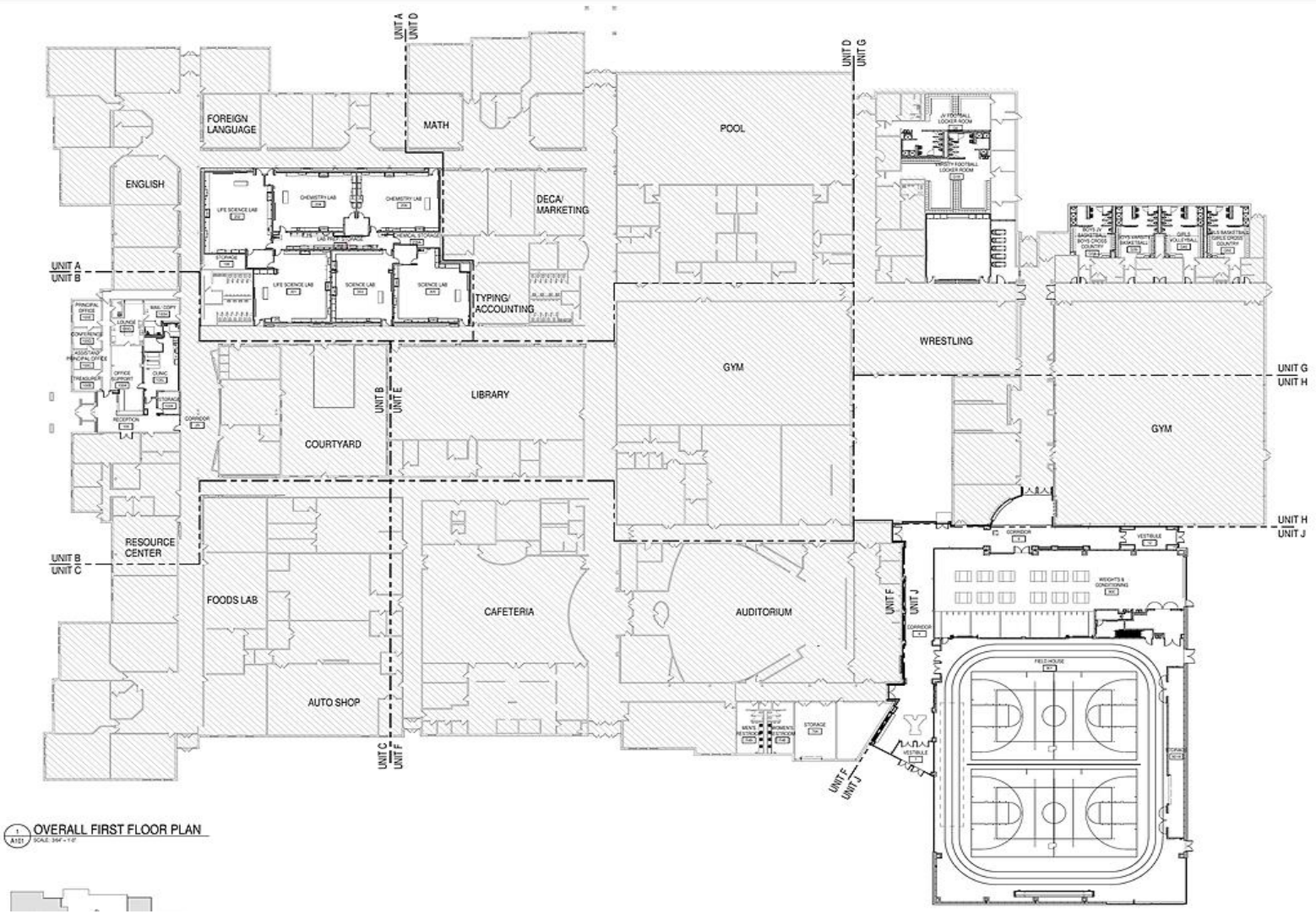
SCOPE OF WORK

- Fieldhouse Addition
  - 30,000 SF
    - Sitework and Exterior Improvements
    - Pre-Engineered Metal Building
    - Undergrown Detention System
    - Metal stud framing, masonry, aluminum storefront and windows, interior finishes, mechanical, electrical, and plumbing
- Science Classroom Renovations
    - Extensive interior demolition
    - New concrete slab, casework, walls, and MEP upgrades
- Administration Renovation
    - New circulation desk casework, walls, aluminum storefront, and MEP upgrades
    - Restroom & Nurse area upgrades
    - Mail / Copy Room Renovation – Alternate
- East and West Locker Room Renovations – Alternates
    - Extensive interior demolition
    - MEP Upgrades, new lockers, new concrete slab for west locker room

SCOPE OF WORK

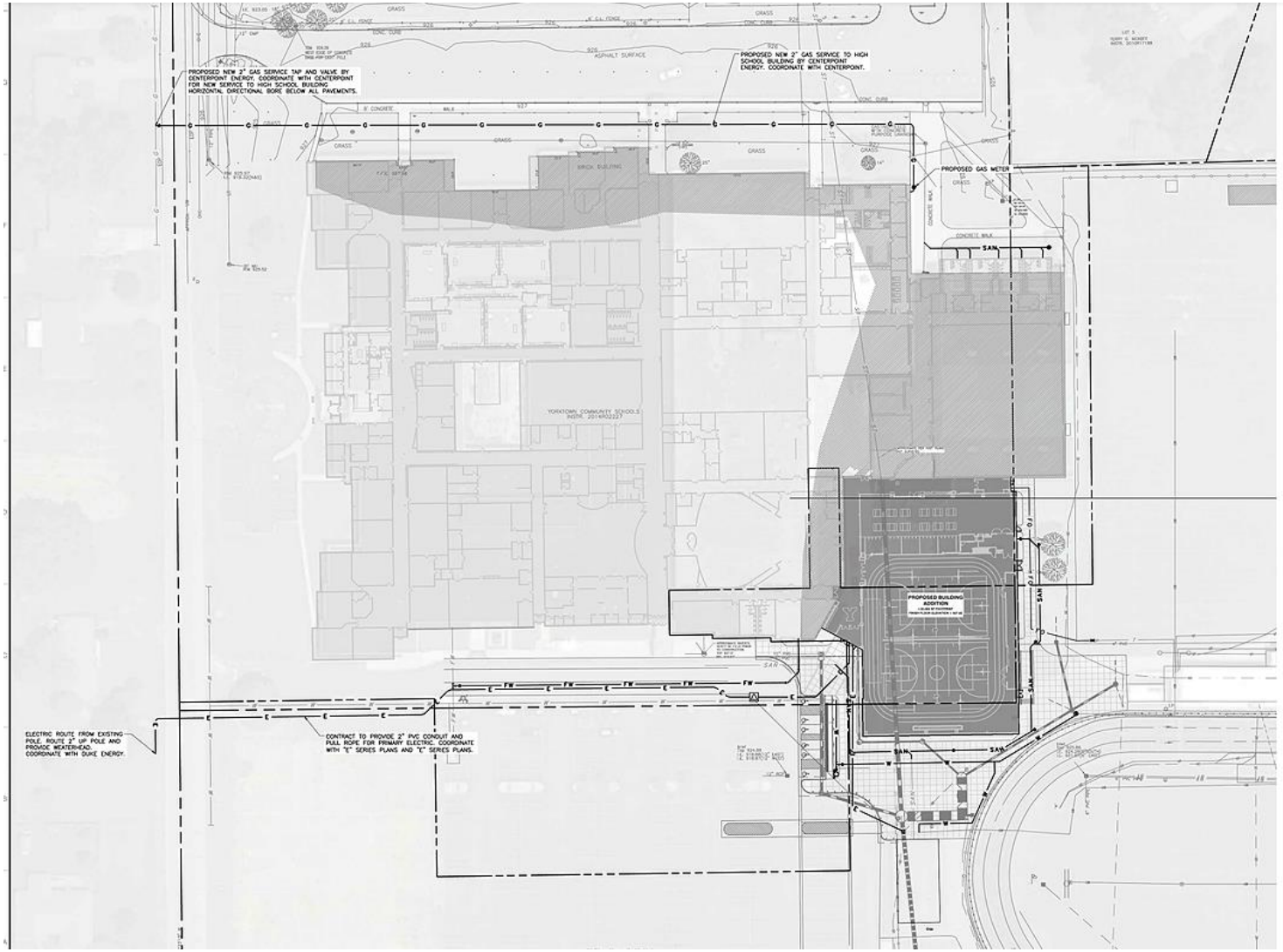
- Contractor Walkthrough – February 16, 2024 @ 3PM
  - (email dyancey@skillman.com to attend)
- Electronic Bid Opening – February 29, 2024 @ 2PM
- Notice to Proceed – March 20, 2024
- Mobilization – May 28, 2024
- Substantial Completion – July 31, 2025

FLOOR PLANS / SITE PLANS



OVERALL FIRST FLOOR PLAN

FLOOR PLANS / SITE PLANS



MULTIPLE CONTRACT SUMMARY

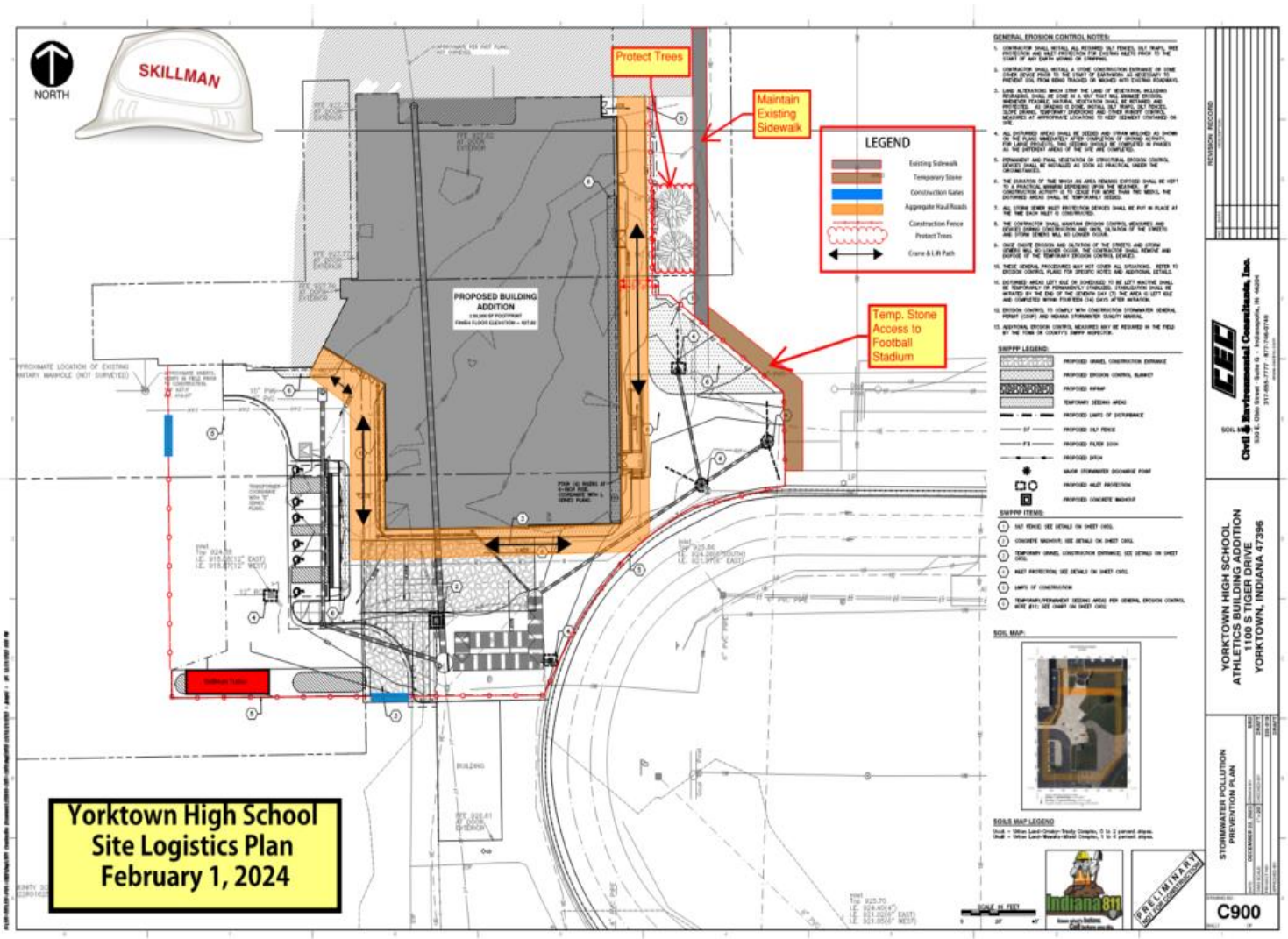
Review Section 01 12 00 – Multiple Contract Summary. Review all Specification Sections that are in your Scope of Work.

- Reference Project Specific Clarifications included in each category.

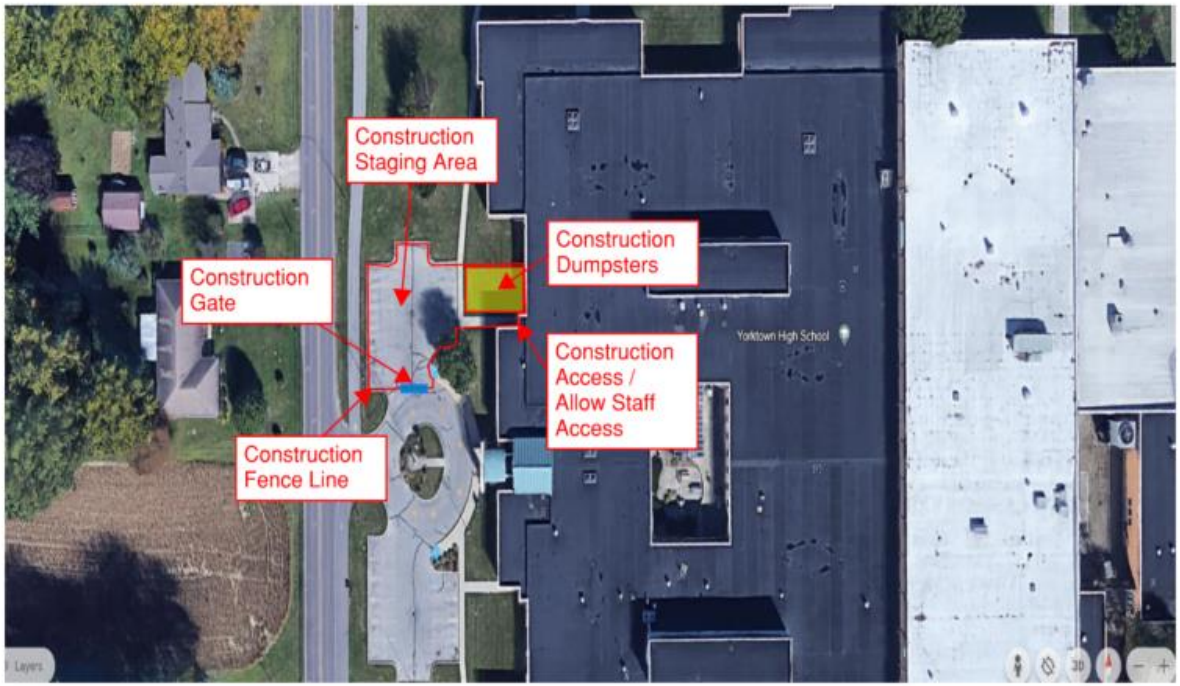
BID CATEGORIES

BID CATEGORY NO. 1	General Trades
BID CATEGORY NO. 2	Structural Steel
BID CATEGORY NO. 3	Roofing
BID CATEGORY NO. 4	Windows / Storefronts
BID CATEGORY NO. 5	Metal Framing / Drywall / Ceilings
BID CATEGORY NO. 6	Floor Covering
BID CATEGORY NO. 7	Athletic Flooring
BID CATEGORY NO. 8	Wood Casework
BID CATEGORY NO. 9	Plumbing
BID CATEGORY NO. 10	Mechanical
BID CATEGORY NO. 11	Electrical

SITE LOGISTICS PLAN



SITE LOGISTICS PLAN



Yorktown High School
Site Logistics Plan
February 1, 2024

N
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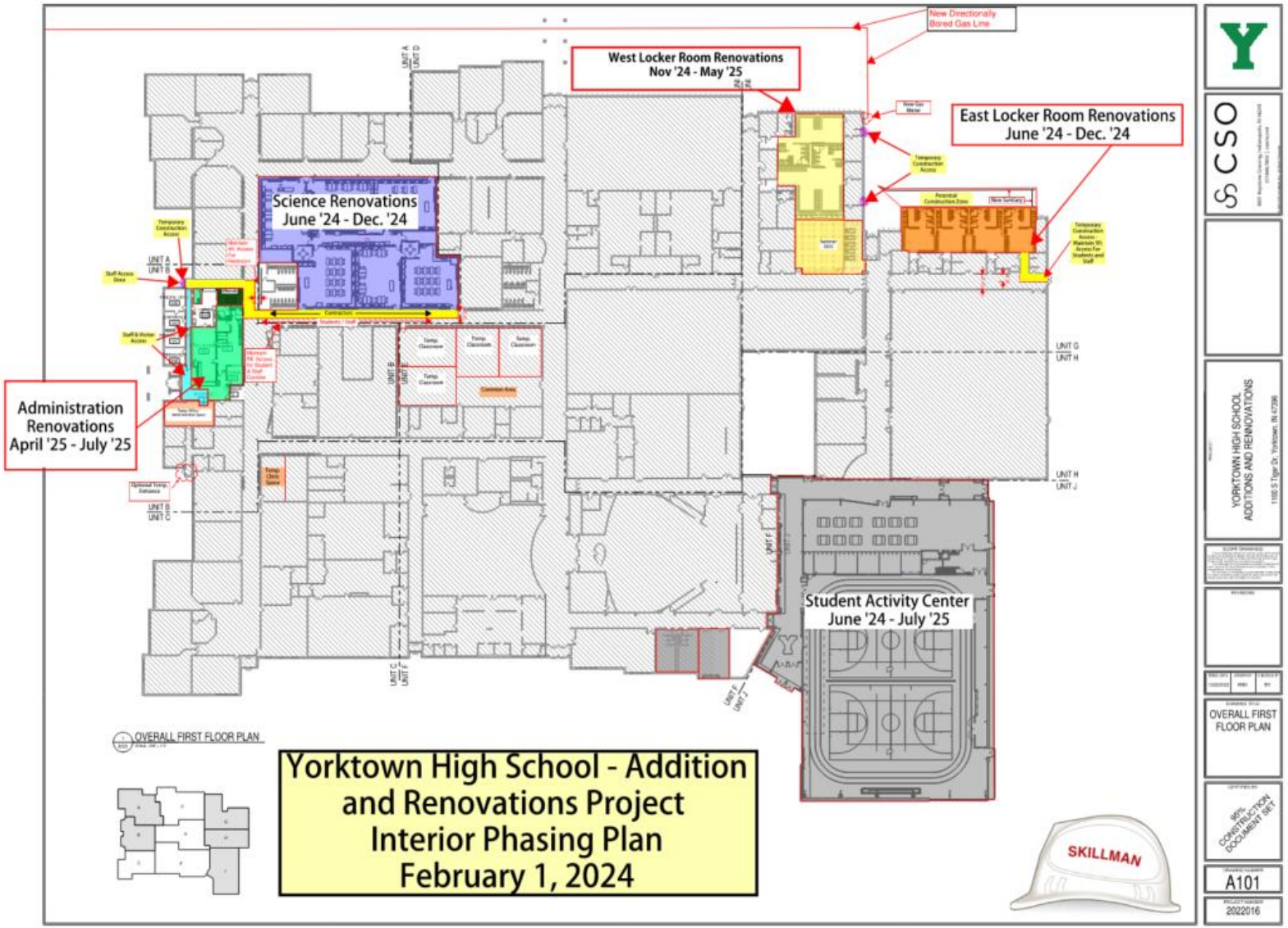
SITE LOGISTICS PLAN



SPECIAL REQUIREMENTS

- Tax Exempt Project

All Contractors and their Sub-contractors must be enrolled in SafeVendor. Please visit: www.safevisitorsolutions.com/safevendor-app-agreement to create your account with SafeVendor.

Every worker on the project must have their expanded criminal history and sex offender clearance thru Safe Vendor prior to arriving on site.

AUTODESK BUILD (FORMERLY PLANGRID)

REQUIRED FOR EVERY CONTRACTOR

- **No subscription is required**
- **Current set of documents**
- **Issues tracking**
  - Safety
  - QA/QC
  - Noncompliance
  - Work Completion List
  - Punch List
- **As-built record drawings**

INDIANA PUBLIC WORKS LAW 5-16-13

- Tier 1 – Self-Perform 15% of Contract
- Qualification through D.O.A.
- Written Drug Testing Plan with Bid (IC 4-13-18-5)
- Minimum Insurance Requirements ($1M/Occurrence, $2M/Aggregate)
- Mandatory Enrollment in E-Verify (Case Verification # for ea./employee)
- Cannot Pay Employees in Cash
- Retain Payroll Records for 3 Years
- Contractor Must Comply With:
  - Fair Labor Act
  - Indiana's Workers Comp Insurance
  - Indiana's Unemployment Comp
- Mandatory Training Based Upon Number of Employees

FAILURE TO COMPLY MAY RESULT IN DEBARMENT FROM PUBLIC WORKS PROJECTS FOR 4 YEARS

ANTICIPATED CHALLENGES

- Interior Phasing around Students and Staff
- Noise and Disruption during School Hours
- Limited Laydown Area
- Material Lead Times / Delivery Coordination
- Pre-Engineered Metal Building

ALTERNATES

Review Section 01 23 00 for Alternates that may alter your Scope of Work.

- **ALTERNATE NO. 1: Pre-Engineered Building Liner Panels in Fieldhouse**
  - Base Bid: No Flush-Profile, Metal Liner Panels in the PEMB.
  - Alternate Bid: Provide all costs associated with providing Flush-Profile, Metal Liner Panels in the PEMB.

ALTERNATE NO. 2: West Locker Room Renovations – Football

- Base Bid: No Work in football lockers rooms in Unit G.
- Alternate Bid: Provide all costs associated with work identified in Football locker rooms JV Football Locker Room G9 and Varsity Football Locker Room G18.

- **ALTERNATE NO. 3: East Locker Room Renovations – Basketball & Volleyball**
  - Base Bid: No Work in boys and girls' basketball and volleyball locker rooms in Unit G.
  - Alternate Bid: Provide all costs associated with work identified in Boys JV Basketball G33, Boys Varsity Basketball G39, Girls Volleyball G45, and Girls Basketball G50 Locker rooms.
- **ALTERNATE NO. 4: Lounge and Mail / Copy Rooms Additional Renovations**
  - Base Bid: No casework or countertop replacement in Lounge or Mail / Copy room in Unit B. (New Ceilings, light fixtures, and finish updates are Base Bid.)
  - Alternate Bid: Provide all costs associated with work identified in Lounge 100G and Mail / Copy 100H with replacement of existing casework and counter tops.
- **ALTERNATE NO. 5: Floor Finishes in Corridor J**
  - Base Bid: In Unit J, provide all cost associated with Luxury Vinyl Tile in all locations in Unit J.
  - Alternate Bid: Provide Terrazzo flooring as noted on the finish drawing in Unit J.

ALLOWANCES

Review Section 01 21 00 for Allowances that apply to your Scope of Work.

- Bid Category No. 1 General Trades - $150,000
- Bid Category No. 2 Structural Steel - $20,000
- Bid Category No. 3 Roofing - $15,000
- Bid Category No. 4 Windows/Storefronts/Curtainwall - $10,000
- Bid Category No. 5 Metal Framing/Drywall/Ceilings - $15,000
- Bid Category No. 6 Floor Covering - $10,000
- Bid Category No. 7 Athletic Flooring - $5,000
- Bid Category No. 8 Casework - $5,000
- Bid Category No. 9 Plumbing - $40,000
- Bid Category No. 10 Mechanical - $30,000
- Bid Category No. 11 Electrical - $40,000

INSTRUCTIONS TO BIDDERS

Review Section 00 10 00 for Instructions to Bidders.

- Last day for questions to be answered by Addenda: Feb 20, 2024.
- Final Addenda will be issued no later than Feb 22, 2024.
- Email dyancey@skillman.com for a site visit on Feb 16, 2024 @ 3PM

RFI PROCESS

Each Bidder is encouraged to contact the Architect and Construction Manager if problems occur or questions arise in analyzing the Drawings and Specifications, where additional clarification or information would be helpful in the preparation of a proper bid.

Submit all questions in writing to: David Yancey
dyancey@skillman.com

All RFIs must be received before: 2/20/2024

SUBSTITUTION REQUESTS

Prior to receipt of bids, the Architect will consider proposals for substitution of materials, equipment, and methods only when such proposals are submitted in writing within the time period stated before the date and time set for receipt bids, and are accompanied by full and complete technical data and other information required by the Architect to evaluate the proposed substitution.

Request for product approval shall be submitted on the Substitution Request Form and sent to:

David Yancey

dyancey@skillman.com

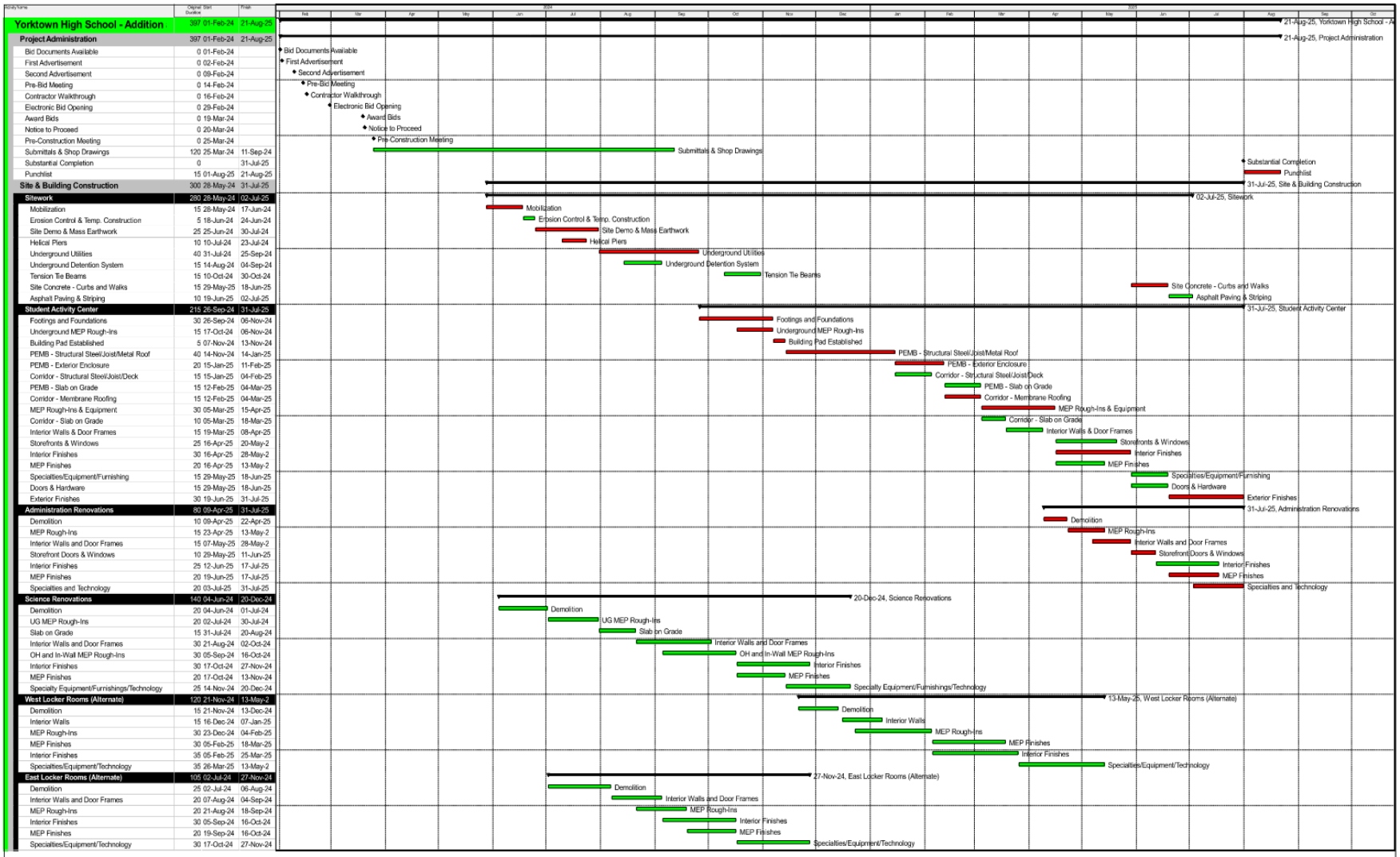
CONSTRUCTION TIMELINE

Review Section 01 32 00 – Schedules & Reports.

Anticipated Construction Start Date: May 28, 2024

Anticipated Construction Completion Date: July 2025

GUIDELINE SCHEDULE



Activity Name	Original Duration	Start	Finish
Yorktown High School - Addition	397	01-Feb-24	21-Aug-25
Project Administration	397	01-Feb-24	21-Aug-25
Bid Documents Available	0	01-Feb-24	
First Advertisement	0	02-Feb-24	
Second Advertisement	0	09-Feb-24	
Pre-Bid Meeting	0	14-Feb-24	
Contractor Walkthrough	0	16-Feb-24	
Electronic Bid Opening	0	29-Feb-24	
Award Bids	0	19-Mar-24	
Notice to Proceed	0	20-Mar-24	
Pre-Construction Meeting	0	25-Mar-24	
Submittals & Shop Drawings	120	25-Mar-24	11-Sep-24
Substantial Completion	0		31-Jul-25
Punchlist	15	01-Aug-25	21-Aug-25
Site & Building Construction	300	28-May-24	31-Jul-25
Sitework	280	28-May-24	02-Jul-25
Mobilization	15	28-May-24	17-Jun-24
Erosion Control & Temp. Construction	5	18-Jun-24	24-Jun-24
Site Demo & Mass Earthwork	25	25-Jun-24	30-Jul-24
Helical Piers	10	10-Jul-24	23-Jul-24
Underground Utilities	40	31-Jul-24	25-Sep-24
Underground Detention System	15	14-Aug-24	04-Sep-24
Tension Tie Beams	15	10-Oct-24	30-Oct-24
Site Concrete - Curbs and Walks	15	29-May-25	18-Jun-25
Asphalt Paving & Striping	10	19-Jun-25	02-Jul-25
Student Activity Center	215	26-Sep-24	31-Jul-25
Footings and Foundations	30	26-Sep-24	06-Nov-24
Underground MEP Rough-Ins	15	17-Oct-24	06-Nov-24
Building Pad Established	5	07-Nov-24	13-Nov-24
PEMB - Structural Steel/Joist/Metal Roof	40	14-Nov-24	14-Jan-25
PEMB - Exterior Enclosure	20	15-Jan-25	11-Feb-25
Corridor - Structural Steel/Joist/Deck	15	15-Jan-25	04-Feb-25
PEMB - Slab on Grade	15	12-Feb-25	04-Mar-25
Corridor - Membrane Roofing	15	12-Feb-25	04-Mar-25
MEP Rough-Ins & Equipment	30	05-Mar-25	15-Apr-25
Corridor - Slab on Grade	10	05-Mar-25	18-Mar-25
Interior Walls & Door Frames	15	19-Mar-25	08-Apr-25
Storefronts & Windows	25	16-Apr-25	20-May-25
Interior Finishes	30	16-Apr-25	28-May-25
MEP Finishes	20	16-Apr-25	13-May-25
Specialties/Equipment/Furnishing	15	29-May-25	18-Jun-25
Doors & Hardware	15	29-May-25	18-Jun-25
Exterior Finishes	30	19-Jun-25	31-Jul-25
Administration Renovations	80	09-Apr-25	31-Jul-25
Demolition	10	09-Apr-25	22-Apr-25
MEP Rough-Ins	15	23-Apr-25	13-May-25
Interior Walls and Door Frames	15	07-May-25	28-May-25
Storefront Doors & Windows	10	28-May-25	11-Jun-25
Interior Finishes	25	12-Jun-25	17-Jul-25
MEP Finishes	20	19-Jun-25	17-Jul-25
Specialties and Technology	20	03-Jul-25	31-Jul-25
Science Renovations	140	04-Jun-24	20-Dec-24
Demolition	20	04-Jun-24	01-Jul-24
UG MEP Rough-Ins	20	02-Jul-24	30-Jul-24
Slab on Grade	15	31-Jul-24	20-Aug-24
Interior Walls and Door Frames	30	21-Aug-24	02-Oct-24
OH and In-Wall MEP Rough-Ins	30	05-Sep-24	16-Oct-24
Interior Finishes	30	17-Oct-24	27-Nov-24
MEP Finishes	20	17-Oct-24	13-Nov-24
Specialty Equipment/Furnishings/Technology	25	14-Nov-24	20-Dec-24
West Locker Rooms (Alternate)	120	21-Nov-24	13-May-25
Demolition	15	21-Nov-24	13-Dec-24
Interior Walls	15	16-Dec-24	07-Jan-25
MEP Rough-Ins	30	23-Dec-24	04-Feb-25
MEP Finishes	30	05-Feb-25	18-Mar-25
Interior Finishes	35	05-Feb-25	25-Mar-25
Specialties/Equipment/Technology	35	26-Mar-25	13-May-25
East Locker Rooms (Alternate)	105	02-Jul-24	27-Nov-24
Demolition	25	02-Jul-24	06-Aug-24
Interior Walls and Door Frames	20	07-Aug-24	04-Sep-24
MEP Rough-Ins	20	21-Aug-24	18-Sep-24
Interior Finishes	30	05-Sep-24	16-Oct-24
MEP Finishes	20	19-Sep-24	16-Oct-24
Specialties/Equipment/Technology	30	17-Oct-24	27-Nov-24

Actual Work
Remaining Work
Critical Remaining Work
Milestone
Summary

Yorktown High School - Addition and Renovations - 222020.G

Guideline Schedule - 01-Feb-24

YORKTOWN Community Schools

BID TO AWARD TIMELINE

- February 16, 2024 – Contractor Site Tour @ 3 PM ET
- February 29, 2024 – Electronic Bid Opening @ 2PM ET
- March 1, 2024 – Pre-Award Meetings
- March 19, 2024 – School Board Approval
- March 20, 2024 – Notice to Proceed

All Subcontractor & Products Lists
must be submitted by: March 4, 2024

BID FORM

Review and fully complete the Bid Form 00 31 00

Complete all alternates on the Bid Form that may affect your Scope of Work.

BIDDERS' REMINDER LIST

	YES	NO
Have you properly and completely executed the **Bid Form** (Section 00 31 00)?		
Is the **Bid Total** written in both words and figures?		
Are the **Alternate** quantities in both words and figures and noted as **Add or Deduct**?		
Include XBE Information		
Have you enclosed a certified check or **Bid Bond**? (Note: bond must be signed by Surety and Principal)		
Have you included your company's **Financial Statement**?		
Have you included your Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds requirements set in IC 4-13-18-5 or IC 4-13-18-6?		
Have Subcontractors and Products List to the Construction Manager within **48** Hours of the Bid for Apparent Low Bidders.		
BIDS SHALL BE SUBMITTED ELECTRONICALLY THROUGH EBID. SEE SECTION 01 10 00 – INSTRUCTIONS TO BIDDERS FOR UPLOAD INSTRUCTIONS.		

NOTE: IF ANY OF THE REQUIRED BIDDING DOCUMENTS ARE NOT INCLUDED, DATED OR PROPERLY EXECUTED, THE CONTRACTOR'S BID MAY NOT BE ACCEPTED.

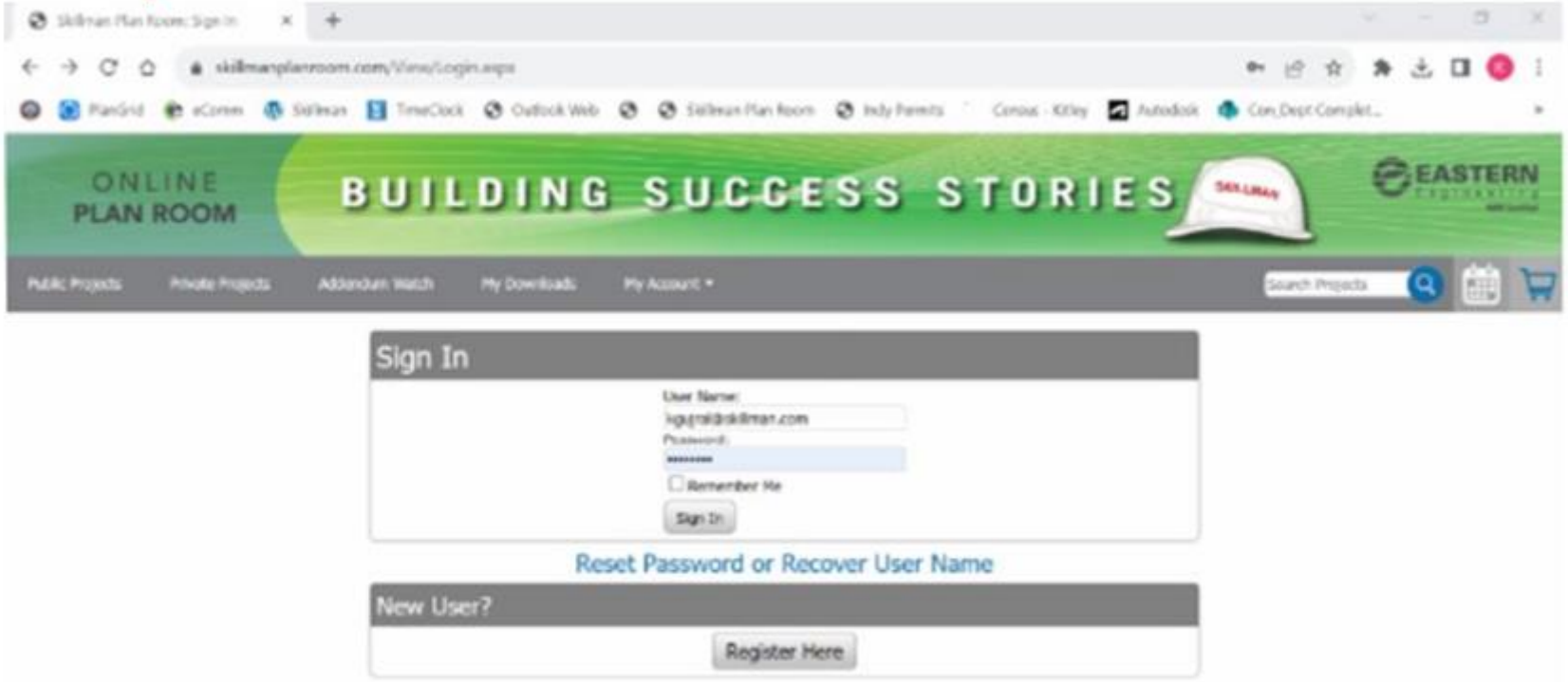
CONSTRUCTION DOCUMENTS

Construction Documents are available at:
www.skillmanplanroom.com

Bidding Contractors are required to pay for printed Documents. The electronic files are available at no cost.

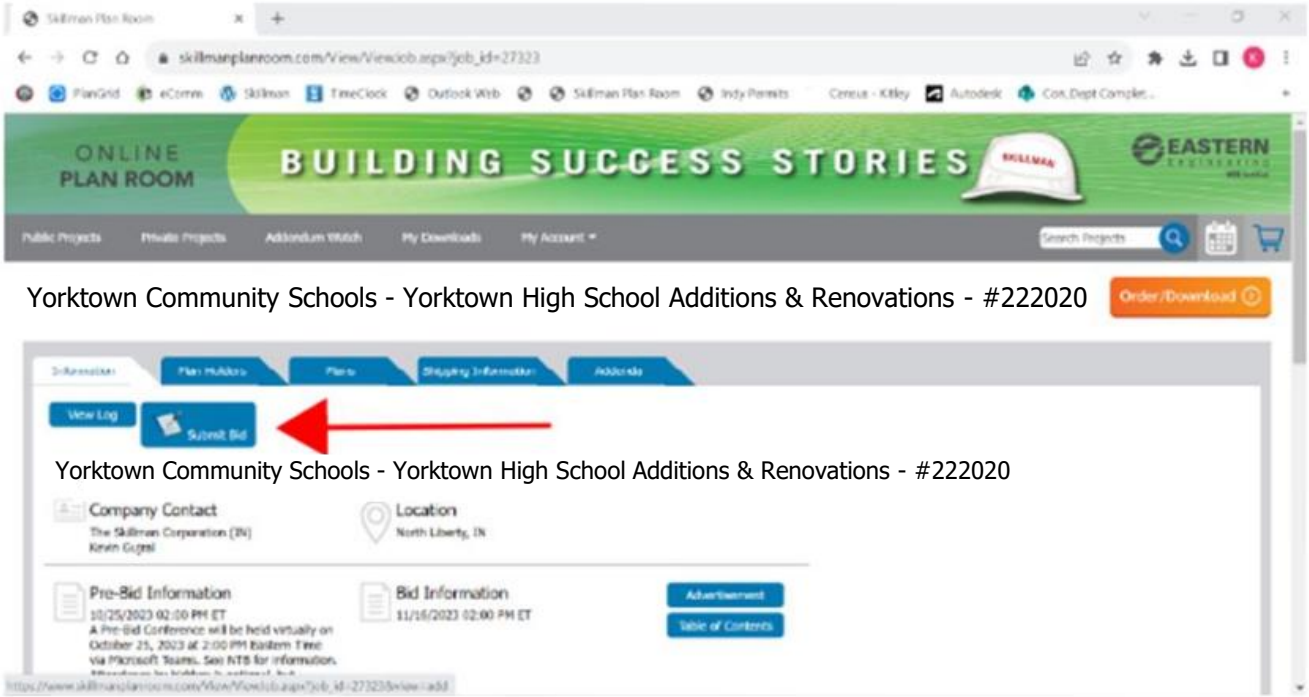
eBID SUBMISSION

GO TO SKILLMANPLANROOM.COM - DO NOT WAIT UNTIL 2:00 PM EASTERN TIME TO SUBMIT YOUR BID; WHEN THE COUNTDOWN CLOCK EXPIRES, EVEN IF YOU ARE IN THE MIDDLE OF THE BID SUBMISSION PROCESS, YOUR BID WILL NOT BE ACCEPTED BY THE eBID SYSTEM.



1. SIGN IN
2. Click Yorktown High School – Addition and Renovations
3. Click SUBMIT BID and FOLLOW INSTRUCTIONS

eBID SUBMISSION



- SAVE YOUR BID FORM AND **ALL REQUIRED ATTACHMENTS** IN PDF FORMAT (**ONE FILE PER BC)**
- NAME YOUR PDF BID FILE AS: YHSAddition&Renovation_Bidder'sName_BidCategory_No.10
- UPLOAD PDF BID FILE TO THE *BID DOCUMENT AREA (Drag & Drop or Click Browse To Select File)
- CLICK SUBMIT BID

FOR COMBINATION BID CATEGORY SUBMISSIONS (eg. BC NOS. 12 AND 13):

- UPLAOD PDF BID FILE NAMED – YHS Addition&Renovation_Bidder'sName_BidCategory_No.10
- UPLAOD PDF BID FILE NAMED – YHS Addition&Renovation_Bidder'sName_BidCategory_No.11
- UPLAOD PDF BID FILE NAMED – YHS Addition&Renovation_Bidder'sName_BidCategory_No.10_11
- CLICK "SUBMIT BID"

COMBINATION BIDS

- **Review Section 00 10 00 for Instructions to Bidders**
  - Paragraph 1.19 Combined Bids

  Example: Submitting Combined Bid for BC 09 & 10
  - Create PDF Bid File for BC 09 Plumbing
  - Create PDF Bid File for BC 10 Mechancial
  - Create PDF Bid File for Combo BC 09 & 10

    Plumbing _Mechanical

  UPLOAD THREE FILES TO THE *BID DOCUMENT SECTION IN eBID and CLICK SUBMIT BID.

BID OPENING

Date: February 29, 2024

Time: 2:00 PM Eastern

Location: eBid Electronic Bid Submission

PRE-AWARD INTERVIEWS

- BC 01 General Trades – 3/1/24 @ 11:00 AM ET
- BC 02 Structural Steel – 3/1/24 @ 1:00 PM ET
- BC 03 Roofing – 3/1/24 @ 2:00 PM ET
- BC 04 Windows /Storefronts – 3/4/24 @ 10:00 AM ET
- BC 05 Metal Framing / Drywall / Ceilings – 3/4/24 @ 11:00AM ET
- BC 06 Floor Covering – 3/4/24 @ 1:00 PM ET
- BC 07 Athletic Flooring – 3/4/24 @ 2:00 PM ET
- BC 08 Wood Casework – 3/5/24 @ 8:00 AM ET
- BC 09 Plumbing – 3/5/24 @ 10:00 AM ET
- BC 10 Mechanical – 3/5/24 @ 11:00 AM ET
- BC 11 Electrical – 3/5/24 @ 2:15 PM ET

Pre-Award Schedule will be issued in Final Addenda.

Q & A

Yorktown High School Addition & Renovations

TSC PROJECT NO.: 222020

DATE: February 14, 2024

PRE-BID MEETING SIGN-IN SHEET

COMPANY REPRESENTED	ATTENDEE NAME	EMAIL ADDRESS	PHONE NUMBER
YORKTOWN COMMUNITY SCHOOLS	Greg Henshaw		
YORKTOWN COMMUNITY SCHOOLS	Rusy Byard		
THE SKILLMAN CORPORATION	David Yancey		
THE SKILLMAN CORPORATION	D'Andre Embry		
THE SKILLMAN CORPORATION	Brennan Gillespie		
THE SKILLMAN CORPORATION			
THE SKILLMAN CORPORATION			

Yorktown High School Addition & Renovations

TSC PROJECT NO.: 222020

DATE: February 14, 2024

PRE-BID MEETING SIGN-IN SHEET

COMPANY REPRESENTED	ATTENDEE NAME	EMAIL ADDRESS	PHONE NUMBER
CSO ARCHITECTS			
CSO ARCHITECTS			
C-Cat	**Charlie Whitlow**	**cwhitlow@c-cat.com**	
RE Dimond	**Aaron Schipp**	Aaron.schipp@redimond.com	**317-634-4672**
RE Dimond	**Joe Becker**	**Joe.becker@redimond.com**	
Trane	**Nate Allen**	**nallen@trane.com**	**317-416-5782**
Quality Plumbing & Heating	**Kim Jackson**	k.jackson@qph.com	**765-459-7243**
Mattox Roofing	**Adam Cranfill**	adam@mattoxroofing.com	**317-512-0258**

Yorktown High School Addition & Renovations

TSC PROJECT NO.: 222020

DATE: February 14, 2024

PRE-BID MEETING SIGN-IN SHEET

COMPANY REPRESENTED	ATTENDEE NAME	EMAIL ADDRESS	PHONE NUMBER
JBI	Dustin Frye	dustinf@jamesbabcockinc.com	
Blakley's Flooring	Chad Lundstrom	chadlundstrom@blakleys,com	765-639-4231
RL Turner Corporation	Brad Whitaker	bradw@rlturner.com	
LHB	Mark Lavier	mlavier@lhb-eng.com	
Boyle Construction	Gregg Stark	bids@bcmi.us	317-450-7159
	Aaron Smith		
	Mike Blamer		

Yorktown High School Addition & Renovations

TSC PROJECT NO.: 222020

DATE: February 14, 2024

PRE-BID MEETING SIGN-IN SHEET

COMPANY REPRESENTED	ATTENDEE NAME	EMAIL ADDRESS	PHONE NUMBER
	Greg Champion		
	James Darnell		
	Kyle Drenth		
	Dean Paoletta		
	Jonathon Pasyk		
	TW		

Yorktown High School Addition & Renovations

TSC PROJECT NO.: 222020

DATE: February 14, 2024

PRE-BID MEETING SIGN-IN SHEET

COMPANY REPRESENTED	ATTENDEE NAME	EMAIL ADDRESS	PHONE NUMBER

SECTION 08 87 00 – GLAZING FILM

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 glazing for the following products and applications, including those specified in other Sections where glazing requirements are specified by reference to this Section:

1. Security glazing film.

1.03 REFERENCES

A. ASHRAE - American Society for Heating, Refrigeration, and Air Conditioning Engineers; Handbook of Fundamentals.

B. ASTM International (ASTM):

1. ASTM D 882 - Standard Test Method for Tensile Properties of Thin Plastic Sheeting.
2. ASTM D 1004 - Standard Test Method for Tear Resistance (Graves Tear) of Plastic Film and Sheeting.
3. ASTM D 1044 - Standard Method of Test for Resistance of Transparent Plastics to Surface Abrasion (Taber Abrader Test).
4. ASTM D 2582 - Standard Test Method for Puncture-Propagation Tear Resistance of Plastic Film and Thin Sheeting.
5. ASTM D 4830 - Standard Test Methods for Characterizing Thermoplastic Fabrics Used in Roofing and Waterproofing.
6. ASTM E 84 - Standard Method of Test for Surface Burning Characteristics of Building Materials.
7. ASTM E 308 - Standard Recommended Practice for Spectophotometry and Description of Color in CIE 1931 System.
8. ASTM E 903 - Standard Methods of Test for Solar Absorbance, Reflectance and Transmittance of Materials Using Integrating Spheres.
9. ASTM E 1886 - Standard Test Method for Performance of Exterior Windows, Curtain Walls, Doors, and Impact Protective Systems Impacted by Missile(s) and Exposed to Cyclic Pressure Differentials.
10. ASTM E 1996 - Standard Specification for Performance of Exterior Windows, Curtain Walls, Doors and Impact Protective Systems Impacted by Windborne Debris in Hurricanes.

C. Window 5.2 - A Computer Tool for Analyzing Window Thermal Performance; Lawrence Berkeley Laboratory.

D. ANSI Z97.1 - American National Standard for Safety Glazing Materials Used in Buildings - Safety Performance Specifications and Methods of Test.

E. Consumer Products Safety Commission 16 CFR, Part 1201 - Safety Standard for Architectural Glazing Materials.

F. GSA Standard Test for Glazing and Glazing Systems Subject to Airblast Loadings.

G. ISO 16933, International Standard for Glass in Building: Explosion-resistant security glazing - Test and classification for arena air-blast testing.

H. Underwriters Laboratories Inc. (UL): UL 972 - Burglary Resisting Glazing Material.

1.04 ACTION SUBMITTALS

A. Product Data: For each glass product and glazing material indicated including:

1. Preparation instructions and recommendations.
2. Storage and handling requirements and recommendations.
3. Installation methods.

B. Selection Samples: For each film specified, submit film samples representing manufacturer's film type for the project.

C. Verification Samples: For each film specified, two samples representing film color and pattern.

1.05 INFORMATIONAL SUBMITTALS

A. Qualification Data: For installers and manufacturers of glazing film.

B. Product Certificates: For glass and glazing products, from manufacturer.

C. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, for glazing film.

D. Performance Submittals: Provide laboratory data of emissivity and calculated window U-Factors for various outdoor temperatures based upon established calculation procedure defined by the ASHRAE Handbook of Fundamentals, Chapter 29, or Lawrence Berkeley Laboratory Window 5.2 Computer Program.

E. Warranties: Sample of special warranties.

1.06 QUALITY ASSURANCE

A. Manufacturer Qualifications: All primary products specified in this section will be supplied by a single manufacturer with a minimum of ten years experience.

B. Installer Qualifications: All products listed in this section are to be installed by a single installer with a minimum of five years demonstrated experience in installing products of the same type and scope as specified.

1. Provide documentation that the installer is authorized by the Manufacturer to perform Work specified in this section.
2. Provide a commercial building reference list of 5 properties where the installer has applied window film. This list will include the following information:

a. Name of building.
b. The name and telephone number of a management contact.
c. Type of glass.
d. Type of film.
e. Amount of film installed.
f. Date of completion.

3. Provide a Glass Stress Analysis of the existing glass and proposed glass/film combination as recommended by the film manufacturer.
4. Provide an application analysis to determine available energy cost reduction and savings.

C. Mock-Up: Provide a mock-up for verify selections made under sample submittals and to demonstrate aesthetic effects and set quality standards for materials and execution and evaluation of surface preparation techniques and application workmanship.

1. Finish areas designated by Architect.
2. Do not proceed with remaining work until workmanship, color, and sheen are approved by Architect.
3. Refinish mock-up area as required to produce acceptable work.
4. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

D. Source Limitations for Glazing Film: Obtain glazing film from single source from single manufacturer for each glazing film type.

1.07 DELIVERY, STORAGE, AND HANDLING

A. Protect glazing materials according to manufacturer's written instructions. Prevent damage to glass and glazing materials from condensation, temperature changes, direct exposure to sun, or other causes.

B. Comply with insulating-glass manufacturer's written recommendations for venting and sealing units to avoid hermetic seal ruptures due to altitude change.

1.08 PROJECT CONDITIONS

A. Environmental Limitations: Do not proceed with glazing when ambient and substrate temperature conditions are outside limits permitted by glazing material manufacturers and when glazing channel substrates are wet from rain, frost, condensation, or other causes.

1. Do not install glazing film when ambient and substrate temperature conditions are outside limits permitted by sealant manufacturer or below 40 deg F (4.4 deg C).

1.09 WARRANTY

A. Manufacturer's Special Warranty for Glazing Film Products: Manufacturer's standard form. Deterioration of glazing film is defined as defects developed from normal use that are not attributed to maintaining and cleaning glazing film contrary to manufacturer's written instructions.

1. Loss of solar reflective properties including cracking, crazing or peeling.

2. Loss of adhesion properties including blistering bubbling or delamination
3. Maintain appearance without discoloration.
4. Maintain strength, tear and penetration resistant properties.
5. Warranty Period: 10 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products of one of the following:

1. Glazing Film:

a. 3M Window Film.
b. ShatterGARD, Inc
c. Llumar, Eastman Chemical Company.
d. Johnson Window Films.

2.02 PERFORMANCE REQUIREMENTS

A. General: Installed glazing film systems shall withstand normal thermal movement and wind and impact loads (where applicable) without failure, attributable to the following: defective manufacture, fabrication, or installation; failure of sealants or gaskets to remain watertight and airtight; deterioration of glazing materials; or other defects in construction.

B. Fire Performance: Surface burning characteristics when tested in accordance ASTM E 84:

1. Flame Spread: 25, maximum.
2. Smoke Developed: 450, maximum.

C. Abrasion Resistance: Film must have a surface coating that is resistant to abrasion such that, less than 5 percent increase of transmitted light haze will result in accordance with ASTM D 1044 using 50 cycles, 500 grams weight, and the CS10F Calbrase Wheel.

D. Solar Performance Properties: Film applied to 1/4 Inch (6.4 mm) thick clear glass.

1. Visible Light Transmission (ÅSTM E 903): 86 percent.
2. Visible Reflection (ÅSTM E 903): Not more than 11 percent.
3. Ultraviolet Transmission (ASTM E 903): Less than 1 percent.
4. Solar Heat Gain Coefficient (ÅSTM E 903): 0.79.

E. Impact Resistance for Safety Glazing: Tested on 1/4 inch (6.4 mm) annealed glass.

1. Safety Rating (CPSC 16 CFR, Part 1201): Category II (400 ft.-lbs).
2. Safety Rating (ANSI Z97.1): Class A, Unlimited Size.

F. Windstorm Protection:

1. Film shall pass impact of Medium Large Missile "C" and withstand subsequent pressure cycling (per ASTMs E 1996 and E 1886) at 70 psf Design Pressure with use of 3M Impact Protection Adhesive attachment system.

2. Film shall pass impact of Small Missile "A" and withstand subsequent pressure cycling (per ASTMs E 1996 and E 1886) at 50 psf Design Pressure with use of 3M Impact Protection Adhesive attachment system.

G. Peel Strength: >2720 when tested in accordance with ASTM D3330.

H. Puncture Strength: 156 when tested in accordance with ASTM D4830.

I. Tensile Properties: When measured in accordance with ASTM D882.

1. Minimum Tensile Strength of Film: 32,000 psi, average.
2. Minimum Elongation at Break: >100 percent.
3. Break Strength - Average Load: 254 lbs/in.

J. Ultraviolet Transmission: Provide spectrally selective solar control films with UV absorbing materials that limit the weighted UV Transmission to less than 1.0 percent when measured according to ASTM E903.

2.03 CLEAR MICROLAYERED SAFETY AND SECURITY WINDOW FILM

A. Clear Microlayered Safety and Security Window Film: Optically clear micro-layered polyester film, with a durable acrylic abrasion resistant coating over one surface and a pressure sensitive adhesive on the other. The film is clear and will not contain dyed polyester. Film contains at least twenty-eight micro-layers.

1. Basis of Design: 3M Ultra S400 Safety and Security Window Film.
2. Physical / Mechanical Performance Properties:

a. Film Color: Clear.
b. Thickness: Nominal 4.0 mils (0.1 mm), comprised of 28 micro-layers.
c. Tensile Strength (ASTM D 882): 30,000 psi.
d. Break Strength (ÅSTM D 882) (Per Inch Width): 120 lbs.
e. Tear Resistance (ASTM D 1004): Greater than 780 lbs.
f. Puncture Propagation Tear (ÅSTM D 2582): 7.5 lbs.
g. Young's Modulus (ÅSTM D 882): 500 kpsi nominal.

3. Uniformity: No noticeable pin holes, streaks, thin spots, scratches, banding or other optical defects.
4. Variation in Total Transmission Across the Width: Less than 2 percent over the average at any portion along the length.
5. Identification: Labeled as to Manufacturer as listed in this Section.

2.04 IMPACT PROTECTION ADHESIVE

A. Impact Protection Adhesive: Glazing film compatible adhesive, applied to the perimeter of the glazing film for additional impact protection. The following performance values are based on as cured adhesive, after 21 days at 77 degrees F, 50 percent RH.

1. VOC Content: 16 g/L
2. Ultimate Tensile Strength: Per ASTM D0412, 380 psi (2.62 Mpa).
3. Ultimate Elongation: Per ASTM D0412, 640 percent.
4. Durometer Hardness, Shore A: Per ASTM D2240, 38-39 points.
5. Tear Strength, Die B: Per ASTM D0624, 72 ppi.

2.05 MISCELLANEOUS MATERIALS

A. General: Provide products of material, size, and shape complying with referenced glazing standard, requirements of manufacturers of glazing film for application indicated, and with a proven record of compatibility with surfaces contacted in installation.

B. Cleaners, Primers, and Sealers: Types recommended by glazing film manufacturer.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine framing, glazing channels, and stops, with Installer present, for compliance with the following:

1. Manufacturing and installation tolerances, including those for size, squareness, and offsets at corners.
2. Minimum required face and edge clearances.
3. Effective sealing between joints of glass-framing members.

B. If preparation of glass surfaces is the responsibility of another installer, notify Architect in writing of deviations from manufacturer's recommended installation tolerances and conditions.

1. Glass surfaces receiving new film should first be examined to verify that they are free from defects and imperfections, which will affect the final appearance:

C. Do not proceed with installation until glass surfaces have been properly prepared and deviations from manufacturer's recommended tolerances are corrected. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result under the project conditions.

D. Proceed with installation only after unsatisfactory conditions have been corrected.

E. Commencement of installation constitutes acceptance of conditions.

3.02 PREPARATION

A. Clean surfaces thoroughly prior to installation. Remove coatings not firmly bonded to substrates.

B. Prepare surfaces using the methods recommended by the manufacturer for achieving the best result for the substrate under the project conditions.

3.03 GLAZING FILM INSTALLATION

A. Comply with combined written instructions of manufacturers of glazing film and other glazing materials, unless more stringent requirements are indicated, including those in referenced glazing publications.

B. Protect glass, gaskets, glazing sealant and framing system from damage during installation.

C. Apply primers to joint surfaces where required for adhesion of sealants, as determined by preconstruction testing.

D. Install in accordance with manufacturer's instructions.

E. Cut film edges neatly and square at a uniform distance of 1/8 inch (3 mm) to 1/16 inch (1.5 mm) of window sealant. Use new blade tips after 3 to 4 cuts.

F. Spray the slip solution, composed of one capful of baby shampoo or dishwashing liquid to 1 gallon of water, on window glass and adhesive to facilitate proper positioning of film.

G. Apply film to glass and lightly spray film with slip solution.

H. Squeegee from top to bottom of window. Spray slip solution to film and squeegee a second time.

I. Bump film edge with lint-free towel wrapped around edge of a 5-way tool.

J. Upon completion of film application, allow 30 days for moisture from film installation to dry thoroughly, and to allow film to dry flat with no moisture dimples when viewed under normal viewing conditions.

3.04 IMPACT PROTECTION ADHESIVE INSTALLATION

A. After glazing film has been applied and allowed to dry for a few weeks, apply the impact protection adhesive system as recommended by manufacturer.

B. Apply 1 inch strip of safe release masking tape to the glazing film surface, 3/8 inch in from the edge of the film on all four sides.

C. Apply 1 inch strip of safe release masking tape to the window frame 3/8 inch from the edge of the trimmed gasket. (Trimming of the glazing stop is not required.)

D. Apply a triangular bead of the impact protection adhesive and tool as recommended to form an acceptable finish.

E. Remove any adhesive from surrounding surfaces with recommended cleaner.

3.05 CLEANING AND PROTECTION

A. Protect glass from contact with contaminating substances resulting from construction operations. If, despite such protection, contaminating substances do come into contact with glass, remove substances immediately as recommended in writing by glass manufacturer.

B. Remove left over material and debris from Work area. Use necessary means to protect film before, during, and after installation.

C. Touch-up, repair or replace damaged products before Substantial Completion.

D. After application of film, wash film using common window cleaning solutions, including ammonia solutions, 30 days after application. Do not use abrasive type cleaning agents and bristle brushes to avoid scratching film. Use synthetic sponges or soft cloths.

END OF SECTION

SECTION 10 11 00 - VISUAL DISPLAY UNITS

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:

1. Markerboards.
2. Tackboards.
3. Sliding visual display units.
4. Flag and flag holder.

1.03 DEFINITIONS

A. Tackboard: Framed, tackable, visual display board assembly.

B. Visual Display Board Assembly: Visual display surface that is factory fabricated into composite panel form, with a perimeter frame; includes chalkboards, markerboards, and tackboards.

C. Visual Display Surface: Surfaces that are used to convey information visually, including surfaces of markerboards, tackboards, and surfacing materials that are not fabricated into composite panel form but are applied directly to walls.

1.04 ACTION SUBMITTALS

A. Product Data: For each type of product indicated. Include construction details, material descriptions, dimensions of individual components and profiles, and finishes for visual display surfaces.

B. Shop Drawings: For visual display surfaces. Include plans, elevations, sections, details, and attachments to other work.

1. Show locations of panel joints.
2. Show locations of special-purpose graphics for visual display surfaces.
3. Include sections of typical trim members.

C. Samples for Verification: For each type of visual display surface indicated.

1. Visual Display Surface: Not less than 8-1/2 by 11 inches, mounted on substrate indicated for final Work. Include one panel for each type, color, and texture required.
2. Trim: 6-inch- long sections of each trim profile.

D. Product Schedule: For visual display surfaces. Use same designations indicated on Drawings.

1.05 INFORMATIONAL SUBMITTALS

A. Qualification Data: For qualified Installer.

B. Product Test Reports: Based on evaluation of comprehensive tests performed by a qualified testing agency, for surface-burning characteristics of fabrics.

C. Warranties: Sample of special warranties.

1.06 CLOSEOUT SUBMITTALS

A. Maintenance Data: For visual display surfaces to include in maintenance manuals.

1.07 QUALITY ASSURANCE

A. Installer Qualifications: Manufacturer's authorized representative who is trained and approved for installation of motor-operated, sliding visual display units required for this Project.

B. Source Limitations: Obtain visual display surfaces from single source from single manufacturer.

C. Surface-Burning Characteristics: As determined by testing identical products according to ASTM E 84 by a qualified testing agency. Identify products with appropriate markings of applicable testing agency.

1. Flame-Spread Index: 25 or less.
2. Smoke-Developed Index: 450 or less.

1.08 DELIVERY, STORAGE, AND HANDLING

A. Deliver factory-built visual display surfaces, including factory-applied trim where indicated, completely assembled in one piece without joints, where possible. If dimensions exceed maximum manufactured panel size, provide two or more pieces of equal length as acceptable to Architect. When overall dimensions require delivery in separate units, prefit components at the factory, disassemble for delivery, and make final joints at the site.

B. Store visual display surfaces vertically with packing materials between each unit.

1.09 PROJECT CONDITIONS

A. Environmental Limitations: Do not deliver or install visual display surfaces until spaces are enclosed and weathertight, wet work in spaces is complete and dry, work above ceilings is complete, and temporary HVAC system is operating and maintaining ambient temperature and humidity conditions at occupancy levels during the remainder of the construction period.

B. Field Measurements: Verify actual dimensions of construction contiguous with visual display surfaces by field measurements before fabrication.

1. Allow for trimming and fitting where taking field measurements before fabrication might delay the Work.

1.10 WARRANTY

A. Special Warranty for Porcelain-Enamel Face Sheets: Manufacturer's standard form in which manufacturer agrees to repair or replace porcelain-enamel face sheets that fail in materials or workmanship within specified warranty period.

1. Failures include, but are not limited to, the following:

a. Surfaces lose original writing and erasing qualities.
b. Surfaces exhibit crazing, cracking, or flaking.

2. Warranty Period: 50 years from date of Substantial Completion.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide products by one of the following:

a. AARCO Products, Inc.
b. ADP Lemco, Inc.
c. Best-Rite Manufacturing.
d. Claridge Products and Equipment, Inc.
e. PolyVision Corporation; a Steelcase company.
f. Educational Equipment

2.02 MATERIALS, GENERAL

A. Porcelain-Enamel Face Sheet: Porcelain-enamel-clad, ASTM A 463/A 463M, Type 1, stretcher-leveled aluminized steel, with 0.024-inch uncoated thickness; with porcelain-enamel coating fused to steel at approximately 1000 deg F.

1. Gloss Finish: Low gloss; dry-erase markers wipe clean with dry cloth or standard eraser. Suitable for use as projection screen.

a. Products: Subject to compliance with requirements, provide one of the following:

1) Claridge Products and Equipment, Inc.; LCS Markerboard.
2) Approved equivalent.

B. Plastic-Impregnated-Cork Sheet: Seamless, homogeneous, self-sealing sheet consisting of granulated cork, linseed oil, resin binders, and dry pigments that are mixed and calendared onto fabric backing; with washable vinyl finish and integral color throughout with surface-burning characteristics indicated.

C. Hardboard: ANSI A135.4, tempered.

D. Fiberboard: ASTM C 208.

E. Extruded Aluminum: ASTM B 221, Alloy 6063.

2.03 STANDARD MARKERBOARD ASSEMBLIES

A. Porcelain-Enamel Markerboards: Balanced, high-pressure, factory-laminated marker-board assembly of three-ply construction consisting of backing sheet, core material, and 0.013-inch- thick, porcelain-enamel face sheet with high-gloss finish.

1. Basis of Design: Claridge Series 8
2. Face Sheet: LCS^3 porcelain enamel steel markerboard.
3. Core: Minimum 7/16 inch thick, medium density fiberboard with manufacturer's standard moisture-barrier backing, approximately ½ inch overall thickness.
4. Frame: Factory framed, 5/16 inch thick aluminum.
5. Laminating Adhesive: Manufacturer's standard, moisture-resistant thermoplastic type.
6. Color: White

B. Special-Purpose Graphics: Fuse or paint music staff lines graphic onto surface of visual display unit.

1. Provide music staff lines on marker boards in the band and orchestra rooms.

2.04 TACKBOARD ASSEMBLIES

A. Cork Tackboard: 1/4-inch- thick, natural, burlap-backed, cork sheet factory laminated to 3/8-inch- thick fiberboard backing.

1. Color: Smoke.
2. Basis of Design: Claridge Cork, Series 8.
3. Core: ¼ inch hardboard, approximately ½ inch overall thickness.
4. Frame: Factory framed, 5/16 inch thick aluminum.

2.05 SLIDING VISUAL DISPLAY UNITS

A. Vertical-Sliding Visual Display Units: Factory-fabricated units consisting of extruded-aluminum tubular frame, fixed-rear visual display panel, and aluminum-framed vertical-sliding panels; designed for recessed mounting. Provide panels that operate smoothly without vibration or chatter.

1. Type: Tubular frame on four sides Unit shall be designed to support panels independent of wall.
2. Two-Track Units: Fabricate unit with fixed rear panel covering entire rear surface. Provide two sliding panels, each equal to not less than one-half of overall height of unit.
3. Sliding Panels: Fabricated from not less than 3/8-inch- (9.5-mm-) thick, kraft-paper honeycomb core; designed to be rigid and to resist warpage.

a. Fabricate sliding panels with 0.021-inch (0.53-mm) uncoated thickness, porcelain-enamel face sheets.

4. Hardware: Manufacturer's standard, neoprene ball-bearing end rollers, four on each side of each sliding panel. Counterbalance each sliding panel with lead counterweights supported by steel aircraft cable over ball-bearing sheaves; with removable cover plate for access to counterweights. Provide rubber bumpers at top and bottom for each sliding panel.

2.06 MARKERBOARD AND TACKBOARD ACCESSORIES

A. Aluminum Frames and Trim: Fabricated from not less than 0.062-inch- thick, extruded aluminum; of size and shape. standard for indicated basis of design product. 6063 alloy grade aluminum with T5 tempering in accordance with ASTM B221 in clear anodized finish.

B. Marker Tray. Tray width: Approx. 2 inch wide Tray Shape: Sweeping curve, approx. 3/8 inch deep

C. Flag Holder and USA Flag: One for each room where markerboards are located.

2.07 FABRICATION

A. Porcelain-Enamel Visual Display Assemblies: Laminate porcelain-enamel face sheet and backing sheet to core material under heat and pressure with manufacturer's standard flexible, waterproof adhesive.

B. Visual Display Boards: Factory assemble visual display boards unless otherwise indicated.

1. Where factory-applied trim is indicated, trim shall be assembled and attached to visual display boards at manufacturer's factory before shipment.

C. Factory-Assembled Visual Display Units: Coordinate factory-assembled units with trim and accessories indicated. Join parts with a neat, precision fit.

1. Make joints only where total length exceeds maximum manufactured length. Fabricate with minimum number of joints, as indicated on approved Shop Drawings.
2. Provide manufacturer's standard vertical-joint spline system between abutting sections of markerboards.
3. Where size of visual display boards or other conditions require support in addition to normal trim, provide structural supports or modify trim as indicated or as selected by Architect from manufacturer's standard structural support accessories to suit conditions indicated.

D. Aluminum Frames and Trim: Fabricate units straight and of single lengths, keeping joints to a minimum. Miter corners to a neat, hairline closure.

1. Where factory-applied trim is indicated, trim shall be assembled and attached to visual display units at manufacturer's factory before shipment.

2.08 GENERAL FINISH REQUIREMENTS

A. Comply with NAAMM's "Metal Finishes Manual for Architectural and Metal Products" for recommendations for applying and designating finishes.

B. Protect mechanical finishes on exposed surfaces from damage by applying a strippable, temporary protective covering before shipping.

C. Appearance of Finished Work: Noticeable variations in same piece are not acceptable. Variations in appearance of adjoining components are acceptable if they are within the range of approved Samples and are assembled or installed to minimize contrast.

2.09 ALUMINUM FINISHES

A. Clear Anodic Finish: AAMA 611, AA-M12C22A31, Class II, 0.010 mm or thicker.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine substrates and conditions, with Installer present, for compliance with requirements for installation tolerances, surface conditions of wall, and other conditions affecting performance of the Work.

B. Examine walls and partitions for proper preparation and backing for visual display surfaces.

C. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 PREPARATION

A. Comply with manufacturer's written instructions for surface preparation.

B. Clean substrates of substances that could impair the performance of and affect the smooth, finished surfaces of visual display boards, including dirt, mold, and mildew.

C. Prepare surfaces to achieve a smooth, dry, clean surface free of flaking, unsound coatings, cracks, defects, projections, depressions, and substances that will impair bond between visual display surfaces and wall surfaces.

3.03 INSTALLATION, GENERAL

A. General: Install visual display surfaces in locations and at mounting heights indicated on Drawings. Keep perimeter lines straight, level, and plumb. Provide grounds, clips, backing materials, adhesives, brackets, anchors, trim, and accessories necessary for complete installation.

3.04 INSTALLATION OF FACTORY-FABRICATED VISUAL DISPLAY BOARDS AND ASSEMBLIES

A. Visual Display Boards: Attach concealed clips, hangers, and grounds to wall surfaces and to visual display boards with fasteners at not more than 16 inches o.c. Secure both top and bottom of boards to walls.

3.05 CLEANING AND PROTECTION

A. Clean visual display surfaces according to manufacturer's written instructions. Attach one cleaning label to visual display surface in each room.

B. Touch up factory-applied finishes to restore damaged or soiled areas.

C. Cover and protect visual display surfaces after installation and cleaning.

END OF SECTION

SECTION 12 35 57 - PLASTIC-LAMINATE-CLAD LABORATORY CASEWORK

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:

1. Plastic-laminate laboratory casework.
2. Utility-space framing at backs of base cabinets.
3. Filler and closure panels.
4. Laboratory countertops.
5. Shelves.
6. Laboratory sinks.
7. Laboratory accessories.
8. Water, laboratory gas, and electrical service fittings.

1.03 DEFINITIONS

A. Exposed Surfaces of Casework: Surfaces visible when doors and drawers are closed, including bottoms of cabinets more than 48 inches (1200 mm) above floor, and visible surfaces in open cabinets or behind glass doors.

1. Ends of cabinets, including those installed directly against walls or other cabinets, are defined as "exposed."
2. Ends of cabinets indicated to be installed directly against and completely concealed by walls or other cabinets are defined as "concealed."

B. Semiexposed Surfaces of Casework: Surfaces behind opaque doors, such as cabinet interiors, shelves, and dividers; interiors and sides of drawers; and interior faces of doors. Tops of cases 78 inches (1980 mm) or more above floor and bottoms of cabinets more than 24 inches (600 mm) but less than 48 inches (1200 mm) above floor are defined as "semiexposed."

C. Concealed Surfaces of Casework: Include sleepers, web frames, dust panels, and other surfaces not usually visible after installation.

D. MDF: Medium-density fiberboard.

E. Hardwood Plywood: A panel product composed of layers, or plies, of veneer, or of veneers in combination with lumber core, hardboard core, MDF core, or particleboard core, joined with adhesive and faced both front and back with hardwood veneers.

1.04 COORDINATION

A. Coordinate layout and installation of framing and reinforcements for support of laboratory casework.

B. Coordinate installation of laboratory casework with installation of fume hoods and other laboratory equipment.

1.05 ACTION SUBMITTALS

A. Product Data: For each type of product.

B. Shop Drawings: For laboratory casework. Include plans, elevations, and attachment details.

1. Indicate types and sizes of cabinets.
2. Indicate locations of hardware[**and keying of locks**].
3. Indicate locations and types of service fittings.
4. Indicate locations of blocking and reinforcements required for installing laboratory casework.
5. Include details of utility spaces showing supports for conduits and piping.
6. Include details of exposed conduits, if required, for service fittings.
7. Indicate locations of and clearances from adjacent walls, doors, windows, other building components, and other laboratory equipment.
8. Include coordinated dimensions for laboratory equipment specified in other Sections.

C. Keying Schedule: Include schematic keying diagram, and index each key set to unique designations that are coordinated with the Contract Documents.

D. Samples for Verification: For each type of cabinet finish and each type of countertop material, in manufacturer's standard sizes.

E. Delegated-Design Submittal: For laboratory casework indicated to comply with seismic performance requirements, including analysis data signed and sealed by the qualified professional engineer responsible for their preparation.

1.06 INFORMATIONAL SUBMITTALS

A. Qualification Data: For manufacturer.

B. Product Test Reports for Casework: Based on evaluation of comprehensive tests performed by a qualified testing agency, indicating compliance of laboratory casework with requirements of specified product standard and system structural performance specified in "Performance Requirements" Article

C. Product Test Reports for Countertop Surface Material: Based on evaluation of comprehensive tests performed by a qualified testing agency, indicating compliance of laboratory countertop surface materials with requirements specified for chemical and physical resistance.

1.07 QUALITY ASSURANCE

A. Manufacturer Qualifications: A qualified manufacturer that is certified for chain of custody by an FSC-accredited certification body.

1.08 DELIVERY, STORAGE, AND HANDLING

A. Protect finished surfaces during handling and installation with protective covering of polyethylene film or other suitable material.

1.09 FIELD CONDITIONS

A. Environmental Limitations: Do not deliver or install laboratory casework until building is enclosed, utility roughing-in and wet work are complete and dry, and temporary HVAC system is operating and maintaining temperature and relative humidity at occupancy levels during the remainder of the construction period.

B. Locate concealed framing, blocking, and reinforcements that support casework by field measurements before being enclosed, and indicate measurements on Shop Drawings.

PART 2 - PRODUCTS

2.01 MANUFACTURERS

A. Manufacturers: Subject to compliance with requirements, provide product indicated on Drawings or comparable product by one of the following:

1. Stevens Industries, Inc
2. TMI Systems Design Corporation.
3. Advanced Cabinet Systems
4. Case Systems
5. PR Bean Co. LL
6. Euronique.

B. Source Limitations: Obtain laboratory casework from single source from single manufacturer unless otherwise indicated.

1. Obtain countertops, sinks, and accessories from casework manufacturer.

C. Product Designations: Drawings indicate sizes and configurations of laboratory casework by referencing designated manufacturer's catalog numbers. Other manufacturers' laboratory casework of similar sizes and similar door and drawer configurations and complying with Specifications may be considered. See Section 016000 "Product Requirements."

2.02 PERFORMANCE REQUIREMENTS

A. System Structural Performance: Laboratory casework and support framing system shall withstand the effects of the following gravity loads and stresses without permanent deformation, excessive deflection, or binding of drawers and doors:

1. Support Framing System: 600 lb/ft. (900 kg/m).
2. Suspended Base Cabinets (Internal Load): 160 lb/ft. (240 kg/m).
3. Work Surfaces (Including Tops of Suspended Base Cabinets): 160 lb/ft. (240 kg/m).
4. Wall Cabinets (Upper Cabinets): 160 lb/ft. (240 kg/m).
5. Shelves: 40 lb/sq. ft. (200 kg/sq. m).

B. Delegated Design: Engage a qualified professional engineer, as defined in Section 014000 "Quality Requirements," to design laboratory casework**, including** attachments to other work.

C. Seismic Performance: Laboratory casework **and** support framing system, including attachments to other work**,** shall withstand the effects of earthquake motions determined according to ASCE/SEI 7.

2.03 CASEWORK, GENERAL

A. Casework Product Standard: Comply with SEFA 8 PL, "Laboratory Grade Plastic Laminate Casework."

B. Flammable Liquid Storage: Where cabinets are indicated for solvent or flammable liquid storage, provide units that are listed and labeled as complying with requirements in NFPA 30 by a testing and inspecting agency acceptable to authorities having jurisdiction.

C. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA 70, by a qualified testing agency, and marked for intended location and application.

2.04 PLASTIC-LAMINATE CABINETS

A. Design: Reveal overlay with square edges.

1. Provide 1/8-inch (3.2-mm) reveals between doors and drawers that are adjacent.

B. Grain Direction for Wood Grain Plastic Laminate:

1. Horizontal on both doors and drawer fronts, with continuous vertical matching.
2. Horizontal on doors, horizontal on drawer fronts.
3. Lengthwise on face frame members.
4. Horizontal on end panels.
5. Side to side on bottoms and tops of units.
6. Horizontal on knee-space panels.
7. Horizontal on aprons.

C. Exposed Materials:

1. Plastic-Laminate Grade: VGS.

a. Colors and Patterns: As indicated on Drawings.

2. Unless otherwise indicated, provide specified edgebanding on all exposed edges.
3. Solid Wood: Clear hardwood lumber of species indicated, selected for compatible grain and color.

D. Semiexposed Materials:

1. Plastic Laminate: Grade CLS unless otherwise indicated. Provide plastic laminate for semiexposed surfaces unless otherwise indicated.

a. Colors: As indicated on Drawings.

b. Provide plastic laminate of same grade as exposed surfaces for interior faces of doors and drawer fronts and other locations where opposite side of component is exposed.

2. Thermoset Decorative Panels: Provide thermoset decorative panels for semiexposed surfaces unless otherwise indicated.

a. Colors: As indicated on Drawings.
b. Provide plastic laminate of same grade as exposed surfaces for interior faces of doors and drawer fronts and other locations where opposite side of component is exposed.

3. Solid Wood: Sound hardwood lumber, selected to eliminate appearance defects.
4. Plywood: Hardwood plywood. Grade B faces and Grade J crossbands. Provide backs of same species as faces.
5. Metal for Steel Drawer Pans: Cold-rolled, carbon-steel sheet complying with ASTM A 1008/A 1008M; matte finish; suitable for exposed applications.

E. Concealed Materials:

1. Solid Wood: Any species, with no defects affecting strength or utility.
2. Plywood: Hardwood plywood.
3. Plastic Laminate: Type BKL.
4. Particleboard.
5. MDF.
6. Hardboard.

2.05 PLASTIC-LAMINATE CABINET MATERIALS

A. Hardwood Plywood: HPVA HP-1, particleboard core except where veneer core is indicated and made without urea formaldehyde.

B. MDF: ANSI A208.2, Grade 130; made with binder containing no urea formaldehyde.

C. Particleboard: ANSI A208.1, Grade M-2; made with binder containing no urea formaldehyde.

D. Hardboard: ANSI A135.4, Class 1 Tempered.

E. Plastic Laminate: High-pressure decorative laminate complying with NEMA LD 3 and SEFA 8.0.

1. Manufacturers: Subject to compliance with requirements, provide products by the following:

a. ABET Inc.
b. Arborite; a division of ITW Canada.
c. Formica Corporation.
d. Lamin-Art, Inc.
e. Panolam Industries International.
f. Wilsonart International; Div. of Premark International, Inc.

F. Thermoset Decorative Panels: Particleboard or MDF finished with thermally fused, melamine-impregnated decorative paper and complying with requirements of NEMA LD 3, Grade VGL, for Test Methods 3.3, 3.4, 3.6, 3.8, and 3.10.

G. Edgebanding for Plastic Laminate: Rigid PVC extrusions, through color with satin finish, 3 mm thick at doors and drawer fronts, 1 mm thick elsewhere.

1. Colors: As selected by Architect from manufacturer's full range.

H. Edgebanding for Thermoset Decorative Panels: PVC or polyester edgebanding matching thermoset decorative panels.

2.06 AUXILIARY CABINET MATERIALS

A. Acid Storage-Cabinet Lining: 1/4-inch- (6-mm-) thick, glass-fiber cement board complying with ASTM C 1186

B. Glass for Glazed Doors: Clear float glass complying with ASTM C 1036, Type I, Class 1, Quality-Q3; not less than [**3.0 mm**] [**4.0 mm**] [**5.0 mm**] [**6.0 mm**] thick.

C. Glass for Glazed Doors: Clear tempered glass complying with ASTM C 1048, Kind FT, Condition A, Type I, Class 1, Quality-Q3; not less than 5.0 mm thick.

D. Glass for Glazed Doors: Clear laminated tempered glass complying with ASTM C 1172, Kind LT, Condition A, Type I, Class I, Quality-Q3; with two plies not less than 3.0 mm thick and with clear, polyvinyl butyral interlayer.

E. Frameless Glass Doors: Clear tempered glass complying with ASTM C 1048, Kind FT, Condition A, Type I, Class 1, Quality-Q3; not less than [**5.0 mm**] [**6.0 mm**] thick; with exposed edges seamed before tempering.

2.07 COUNTERTOP AND SINK MATERIALS

A. Epoxy: Factory-molded, modified epoxy-resin formulation with smooth, nonspecular finish.

1. Manufacturers: Subject to compliance with requirements, [**provide products by the following**] [**provide products by one of the following**] [**available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following**]:

a. Durcon, Inc.
b. Prime Industries, Inc.
c. Thermo Fisher Scientific.
d. <**Insert manufacturer's name**>.

2. Physical Properties:

a. Flexural Strength: Not less than 10,000 psi (70 MPa).
b. Modulus of Elasticity: Not less than 2,000,000 psi (1400 MPa).
c. Hardness (Rockwell M): Not less than 100.
d. Water Absorption (24 Hours): Not more than 0.02 percent.
e. Heat Distortion Point: Not less than 260 deg F (127 deg C).

3. Chemical Resistance: Epoxy-resin material has the following ratings when tested with indicated reagents according to NEMA LD 3, Test Procedure 3.4.5:

   a. No Effect: Acetic acid (98 percent), acetone, ammonium hydroxide (28 percent), benzene, carbon tetrachloride, dimethyl formamide, ethyl acetate, ethyl alcohol, ethyl ether, methyl alcohol, nitric acid (70 percent), phenol, sulfuric acid (60 percent), and toluene.
   b. Slight Effect: Chromic acid (60 percent) and sodium hydroxide (50 percent).

4. Color: Black

B. Support Framing: Casework manufacturer's standard system consisting of vertical supports and connecting braces and rails as follows:

1. Cabinets, shelves, and countertops are supported from vertical supports except where floor-supported base cabinets are indicated. Vertical positioning of supported cabinets, shelves, and countertops can be varied in 1-inch (25-mm) increments through full height of supports.
2. Vertical supports rest on adjustable leveling bases and are secured to floor with metal clips fastened to floor.
3. Vertical supports are installed with braces and rails, connecting them to each other and to permanent building walls to create a stable, rigid structure with framed utility spaces where indicated.
4. Vertical supports are braced at floor with cantilevered horizontal leg members where indicated.

2.08 FABRICATION

A. Construction: Provide plastic-laminate laboratory casework of the following minimum construction:

1. Bottoms and Ends of Cabinets, and Tops of Wall Cabinets and Tall Cabinets: 3/4-inch- (19-mm-) thick particleboard.
2. Shelves: 3/4-inch- (19-mm-) thick plywood.
3. Exposed Backs of Cabinets: 1/2-inch- (12.7-mm-) thick particleboard or MDF.
4. Backs of Cabinets: 1/4-inch **(6.4-mm) veneer-core** hardwood plywood dadoed into sides, bottoms, and tops where not exposed, unless otherwise indicated.
5. Drawer Fronts: 3/4-inch- (19-mm-) thick particleboard.
6. Drawer Sides and Backs: 1/2-inch (12.7-mm) solid-wood or veneer-core hardwood plywood with glued dovetail or multiple-dowel joints.
7. Drawer Bottoms: 1/4-inch (6.4-mm) particleboard or MDF glued and dadoed into front, back, and sides of drawers. Use 1/2-inch **(12.7-mm)** material for drawers more than 24 inches (600 mm) wide.
8. Drawer Bodies: Steel drawer pans formed from 0.036-inch- (0.91-mm-) thick metal, metallic phosphate treated, and finished with manufacturer's standard two-coat, baked-enamel finish consisting of prime coat and thermosetting topcoat with a minimum dry film thickness of 1 mil (0.025 mm) for topcoat and 2 mils (0.05 mm) for system.
9. Doors 48 Inches **(1200 mm)** High or Less: 3/4 inch (19 mm) thick, with particleboard or MDF cores and solid-wood stiles and rails.
10. Doors More Than 48 Inches (1200 mm) High: 1-1/16 inches (27 mm) thick, with honeycomb cores and solid-hardwood stiles and rails.
11. Doors More Than 48 Inches (1200 mm) High: 1-1/8 inches (29 mm) thick, with particleboard cores.

12. Stiles and Rails of Glazed Doors[**48 Inches (1200 mm) High or Less**]: 3/4 inch (19 mm) thick, with particleboard cores.
13. Stiles and Rails of Glazed Doors More Than 48 Inches (1200 mm) High: 1-1/16-inch- (27-mm-) thick, with solid-wood cores.
14. Stiles and Rails of Glazed Doors More Than 48 Inches (1200 mm) High: 1-1/8 inches (29 mm) thick, with particleboard cores.

B. Utility-Space Framing: Steel framing units consisting of two steel slotted channels complying with MFMA-4, not less than 1-5/8 inches (41 mm) square by 0.105-inch (2.66-mm) nominal thickness, and connected at top and bottom by U-shaped brackets made from 1-1/4-by-1/4-inch (32-by-6-mm) steel flat bars. Framing units may be made by welding specified channel material into rectangular frames instead of using U-shaped brackets.

C. Removable Backs: Provide backs that can be removed from within cabinets at utility spaces.

D. Filler and Closure Panels: Provide where indicated and as needed to close spaces between cabinets and walls, ceilings, and indicated equipment. Fabricate from same material and with same finish as adjacent exposed cabinet surfaces unless otherwise indicated.

1. Provide knee-space panels (modesty panels) at spaces between base cabinets, where [**cabinets are not installed against a wall or where space is not otherwise closed**] [**indicated**].
2. Provide utility-space closure panels at spaces between base cabinets where utility space would otherwise be exposed, including spaces below countertops.
3. Provide closure panels at ends of utility spaces where utility space would otherwise be exposed.

2.09 HARDWARE

A. General: Provide laboratory casework manufacturer's standard, commercial-quality, heavy-duty hardware complying with requirements indicated for each type.

B. Butt Hinges: Stainless-steel, five-knuckle hinges complying with BHMA A156.9, Grade 1, with antifriction bearings and rounded tips. Provide two for doors 48 inches (1200 mm) high or less and three for doors more than 48 inches (1200 mm) high.

C. Hinged Door and Drawer Pulls: Stainless-steel back-mounted pulls. Provide two pulls for drawers more than 24 inches (600 mm) wide.

1. Design: As selected from manufacturer's full range.
2. Overall Size: As indicated.

D. Sliding Door Pulls: Stainless-steel or recessed flush pulls.

E. Door Catches: Dual, self-aligning, permanent magnet catches. Provide two catches on doors more than 48 inches (1200 mm) high.

F. Drawer Slides: Side mounted, epoxy-coated steel, self-closing; designed to prevent rebound when drawers are closed; complying with BHMA A156.9, Type B05091.

1. Provide Grade 1HD-100; for drawers not more than 6 inches (150 mm) high and 24 inches (600 mm) wide.

2. Provide Grade 1HD-100 for drawers more than 6 inches (150 mm) high or 24 inches (600 mm) wide.
3. Standard Duty (Grade 1): Full-extension type, with polymer rollers.
4. Heavy Duty (Grade 1HD-100 and Grade 1HD-200): Full -extension, ball-bearing type.

G. Drawer Slides: Hardwood runners under centers of drawers with polymer guides fastened to backs of drawers.

H. Label Holders: Stainless steel, aluminum, or chrome plated; sized to receive standard label cards approximately 1 by 2 inches (25 by 50 mm), attached with screws or rivets. Provide **on all drawers**.

I. 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 drawers and cabinet doors.
3. Keying: Key locks as directed.
4. Master Key System: Key all locks to be operable by master key.

J. Adjustable Shelf Supports: Powder-coated steel shelf rests complying with BHMA A156.9, Type B04013.

K. Adjustable Shelf Supports: Mortise-type, powder-coated steel standards and shelf rests complying with BHMA A156.9, Type B04071 and Type B04091.

L. Adjustable Wall Shelf Supports: Surface-type steel standards and steel shelf brackets, with epoxy powder-coated finish, complying with BHMA A156.9, Type B04102 and Type B04112.

2.10 COUNTERTOPS AND SINKS

A. Countertops, General: Provide units with smooth surfaces in uniform plane, free of defects. Make exposed edges and corners straight and uniformly beveled. Provide front and end overhang of 1 inch (25 mm), with continuous drip groove on underside 1/2 inch (13 mm) from edge.

B. Sinks, General: Provide sizes indicated or laboratory casework manufacturer's closest standard size of equal or greater volume, as approved by Architect.

1. Outlets: Provide with strainers and tailpieces, NPS 1-1/2 (DN 40), unless otherwise indicated.
2. Overflows: Where indicated**,** provide overflow of standard beehive or open-top design with separate strainer. Height 2 inches (50 mm) less than sink depth. Provide in same material as strainer.

C. Epoxy **Countertops and Sinks**:

1. Countertop Fabrication: Fabricate with factory cutouts for sinks, holes for service fittings and accessories, and butt joints assembled with epoxy adhesive and concealed metal splines.

a. Countertop Configuration: As indicated.

b. Countertop Configuration: Phenolic-composite countertops may be substituted for epoxy countertops at Contractor's option.

2. Sink Fabrication: Molded in one piece with smooth surfaces, coved corners, and bottom sloped to outlet; 1/2-inch (13-mm) minimum thickness.

a. Provide with polypropylene strainers and tailpieces.
b. Provide sinks for drop-in installation with 1/4-inch- (6-mm-) thick lip around perimeter of sink.
c. Provide integral sinks in epoxy countertops, bonded to countertops with invisible joint line.
d. Provide manufacturer's recommended adjustable support system for table- and cabinet-type installations.

2.11 LABORATORY ACCESSORIES

A. Reagent Shelves: Provide as indicated, fabricated from same material as adjacent countertop unless otherwise indicated.

B. Burette Rods: Aluminum or stainless-steel rods, 1/2 inch (13 mm) in diameter and 18 inches (450 mm) long, threaded on one end to fit tapered plug adapter for flush socket receptacle. Provide with tapered plug adapter and receptacle.

C. Upright Rod Assembly and Metal Crossbar: Aluminum or stainless steel. Two vertical rods and one horizontal crossbar, 3/4 inch (19 mm) in diameter and 36 inches (900 mm) long unless otherwise indicated; two flush socket receptacles and two crossbar clamps. Ends of vertical rods are tapered to fit receptacles; all other rod ends are rounded.

D. Greenlaw Arm Assembly: Aluminum or stainless-steel vertical rod, tapered on one end to fit flush socket receptacle. Adjustable crossbar of hardwood with black, acid-resistant finish, secured to upright with adjustable clamp. Provide with receptacle.

E. Lattice Assembly: Aluminum or stainless-steel, vertical and horizontal rod lattice assembly with 3/4-inch- (19-mm-) diameter rods at approximately 12 inches (300 mm) o.c. with two flush socket receptacles for mounting.

1. Size: As indicated on Drawings.

F. Pegboards: Polypropylene, epoxy, or phenolic-composite pegboards with removable polypropylene pegs and stainless-steel drip troughs with drain outlet.

G. Sanitizing Goggle cabinet with minimum 40 goggles. Provide one per lab or as indicated in drawings. Unit shall be equal to model listed on drawings.

H. Fire Blankets (1 per lab) or as indicated in drawings.

I. First Aid Kits (1 per lab) or as indicated in drawings.

2.12 WATER AND LABORATORY GAS SERVICE FITTINGS

A. Manufacturers: Subject to compliance with requirements, [**provide products by the following**] [**provide products by one of the following**] [**available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following**]:

1. Broen Inc.; Distributed by Laboratory Enterprises, a Watts Water Technologies company.
2. Chicago Faucets; a Geberit company.
3. WaterSaver Faucet Company.
4. Architect approved equivalent.

B. Service Fittings: Provide units that comply with SEFA 7, "Laboratory and Hospital Fixtures - Recommended Practices." Provide fittings complete with washers, locknuts, nipples, and other installation accessories. Include wall and deck flanges, escutcheons, handle extension rods, and similar items.

1. Provide units that comply with "Vandal-Resistant Faucets and Fixtures" recommendations in SEFA 7.

C. Materials: Fabricated from cast or forged red brass unless otherwise indicated.

1. Reagent-Grade Water Service Fittings: Polypropylene, PVC, or PVDF for parts in contact with water.

D. Finish: Acid- and solvent-resistant powder coating complying with requirements in SEFA 7 for corrosion-resistant finishes.

1. Provide chemical-resistant powder coating in laboratory casework manufacturer's standard metallic brown, aluminum, white, or other color as approved by Architect.

E. Water Valves and Faucets: Provide units complying with ASME A112.18.1, with renewable seats, designed for working pressure up to 80 psig (550 kPa).

1. Vacuum Breakers: Provide ASSE 1035 vacuum breakers on water fittings with serrated outlets.
2. Aerators: Provide aerators on water fittings that do not have serrated outlets.
3. Self-Closing Valves: Provide self-closing valves where indicated.

F. Ball Valves: Chrome-plated ball and PTFE seals. Handle requires no more than 5 lbf (22 N) to operate. Provide units designed for working pressure up to 75 psig (520 kPa), with serrated outlets.

1. Where ball valves are indicated for fuel-gas use, provide locking safety handles that must **be pushed in** before being turned on unless otherwise indicated.

G. Ground-Key Cocks: Tapered core and handle of one-piece forged brass, ground and lapped, and held in place under constant spring pressure. Provide units designed for working pressure up to 40 psig (280 kPa), with serrated outlets.

H. Steam Valves: Stainless-steel seat and PTFE seat disc. Provide units designed for steam working pressure up to 20 psig (140 kPa), with serrated outlets.

I. Needle Valves: Provide units with renewable, self-centering, floating cones and renewable seats of stainless steel or Monel metal, with removable serrated outlets.

1. Provide units designed for working pressure up to 100 psig **(690 kPa)**.

J. Hand of Fittings: Furnish right-hand fittings unless fitting designation is followed by "L."

K. Remote-Control Valves: Provide needle valves, straight-through or angle type as indicated for fume hoods and where indicated.

L. Handles: Provide three- or four-arm, forged-brass handles for valves unless otherwise indicated.

1. Provide lever-type handles for ground-key cocks. Lever handle aligns with outlet when valve is closed and is perpendicular to outlet when valve is fully open.
2. Provide lever-type handles for ball valves unless otherwise indicated. Lever handle aligns with outlet when valve is closed and is perpendicular to outlet when valve is fully open.
3. Provide heat-resistant plastic handles for steam valves.
4. Provide knurled, molded-plastic handles for needle valves.

M. Service-Outlet Identification: Provide color-coded plastic discs with embossed identification, secured to each service-fitting handle to be tamper resistant. Comply with SEFA 7 for colors and embossed identification.

2.13 ELECTRICAL SERVICE FITTINGS

A. Service Fittings, General: Provide units complete with metal housings, receptacles, switches, pilot lights,[**voice and data communication outlets,**] cover plates, accessories, and gaskets required for mounting on laboratory casework.

1. Receptacles, switches, pilot lights, cover plates, and accessories are specified in Section 262726 "Wiring Devices."
2. Voice and data communication outlets are specified in Section 271500 "Communication Horizontal Cabling."

B. Receptacles: Comply with NEMA WD 1, NEMA WD 6, and UL 498. Duplex type, Configuration 5 20R.

1. Receptacle Grade: General grade unless otherwise indicated.
2. Color of Receptacles: As selected by Architect unless otherwise indicated or required by NFPA 70.
3. GFCI Receptacles: Straight blade, feed-through type. Comply with UL 943, Class A, General grade, and include indicator light that is illuminated when device is tripped.
4. TVSS (Transient Voltage Surge Suppressor) Receptacles: Comply with UL 1449, with integral TVSS in line to ground, line to neutral, and neutral to ground.

    a. TVSS Components: Multiple metal-oxide varistors; with a nominal clamp-level rating of 400 V and a minimum single transient pulse energy dissipation of 240 J, according to IEEE C62.41.2 and IEEE C62.45.
    b. Active TVSS Indication: Visual and audible, with light visible in face of device to indicate device is "active" or "no longer in service."
    c. Receptacle Type: General grade**,** with isolated-ground terminal.
    d. Identification: Distinctive marking on face of device to denote TVSS-type unit.
    e. Color of TVSS Receptacles: Blue.

C. Switches: Comply with NEMA WD 1 and UL 20. Provide single-pole, double-pole, or three-way switches as required; rated 120 to 277-V ac; and in amperage capacities to suit units served.

1. Color of Switches: As selected by Architect unless otherwise indicated or required by NFPA 70.
2. Provide pilot light adjacent to switch or neon-lighted handle, illuminated when switch is on, where noted as "PL" next to switch identification.
3. Provide key-operated switch where noted as "KEY" next to switch identification.
4. Provide thermal-overload switches, single or double pole, as required, with maximum overcurrent trip setting to suit particular motor controlled.

D. Voice and Data Communication Outlets: Two RJ-45 jacks for terminating 100-ohm, balanced, four-pair UTP; TIA/EIA-568-B.1; complying with Category 5e. Comply with UL 1863.

E. Cover Plates: Provide satin finish Type 304, stainless-steel cover plates with formed, beveled edges.

F. Cover-Plate Identification: Use 1/4-inch- (6-mm-) high letters unless otherwise indicated. For stainless steel or chrome-plated metal, stamp or etch plate and fill in letters with black enamel.

1. Provide **on all cover plates.**

   a. Receptacles other than standard 125-V duplex, grounding type.
   b. Switches and thermal-overload switches.
   c. Pilot lights when located remotely from associated equipment or switch, where function is not obvious.
   d. Receptacles, switches, and other locations indicated.

2. Provide the following information:

   a. Voltage and phase for receptacles other than standard 125-V duplex, grounding type.
   b. Indicate equipment being controlled by switches and thermal-overload switches.
   c. Indicate equipment being controlled for pilot lights when located remotely from associated equipment or switch, where function is not obvious.
   d. Number of the breaker in panelboard that controls device.

G. Pedestal-Type Fittings: Cast-aluminum housings with sloped single face or two faces, as indicated, with neoprene gasket under base and with concealed mounting holes in base for attaching to laboratory casework. Provide holes tapped for conduits.

H. Line-Type Fittings: Provide with cast-metal boxes with threaded holes for mounting on rigid steel conduit. Provide cover plates same size as boxes.

I. Recessed-Type Fittings: Provide with galvanized-steel boxes.

J. Finishes for Service-Fitting Components: Provide housings or boxes for pedestal- and line-type fittings with manufacturer's standard baked-on, chemical-resistant enamel in color as selected by Architect from manufacturer's full range.

PART 3 - EXECUTION

3.01 EXAMINATION

A. Examine areas, with Installer present, for compliance with requirements for installation tolerances, location of reinforcements, and other conditions affecting performance of the Work.

B. Proceed with installation only after unsatisfactory conditions have been corrected.

3.02 INSTALLATION OF CABINETS

A. Comply with installation requirements in SEFA 2.3. Install level, plumb, and true; shim as required, using concealed shims. Where laboratory casework abuts other finished work, apply filler strips and scribe for accurate fit, with fasteners concealed where practical. Do not exceed the following tolerances:

1. Variation of Tops of Base Cabinets from Level: 1/16 inch in 10 feet (1.5 mm in 3 m).
2. Variation of Bottoms of Upper Cabinets from Level: 1/8 inch in 10 feet (3 mm in 3 m).
3. Variation of Faces of Cabinets from a True Plane: 1/8 inch in 10 feet (3 mm in 3 m).
4. Variation of Adjacent Surfaces from a True Plane (Lippage): 1/32 inch (0.8 mm).
5. Variation in Alignment of Adjacent Door and Drawer Edges: 1/16 inch (1.5 mm).

B. Utility-Space Framing: Secure to floor with two fasteners at each frame. Fasten to partition framing, wood blocking, or metal reinforcements in partitions and to base cabinets.

C. Base Cabinets: Fasten cabinets to utility-space framing, partition framing, wood blocking, or reinforcements in partitions, with fasteners spaced not more than 16 inches (400 mm) o.c. Bolt adjacent cabinets together with joints flush, tight, and uniform.

1. Where base cabinets are installed away from walls, fasten to floor at toe space at not more than 24 inches (600 mm) o.c. and at sides of cabinets with not less than two fasteners per side.

D. Wall Cabinets: Fasten to hanging strips, masonry, partition framing, blocking, or reinforcements in partitions. Fasten each cabinet through back, near top, at not less than 16 inches (400 mm) o.c.

E. Install hardware uniformly and precisely. Set hinges snug and flat in mortises.

F. Adjust laboratory casework and hardware so doors and drawers align and operate smoothly without warp or bind and contact points meet accurately. Lubricate operating hardware as recommended by manufacturer.

3.03 INSTALLATION OF COUNTERTOPS

A. Comply with installation requirements in SEFA 2.3. Abut top and edge surfaces in one true plane with flush hairline joints and with internal supports placed to prevent deflection. Locate joints only where indicated on Shop Drawings.

B. Field Jointing: Where possible, make in same manner as shop-made joints, using dowels, splines, fasteners, adhesives, and sealants recommended by manufacturer. Shop prepare edges for field-made joints.

1. Use concealed clamping devices for field-made joints in plastic-laminate countertops. Locate clamping devices within 6 inches (150 mm) of front and back edges and at intervals not exceeding 24 inches (600 mm). Tighten according to manufacturer's written instructions to exert a uniform heavy pressure at joints.

C. Fastening:

1. Secure countertops, except for epoxy countertops, to cabinets with Z-type fasteners or equivalent, using two or more fasteners at each cabinet front, end, and back.
2. Secure epoxy countertops to cabinets with epoxy cement, applied at each corner and along perimeter edges at not more than 48 inches (1200 mm) o.c.
3. Where necessary to penetrate countertops with fasteners, countersink heads approximately 1/8 inch (3 mm,) and plug hole flush with material equal to countertop in chemical resistance, hardness, and appearance.

D. Provide required holes and cutouts for service fittings.

E. Seal unfinished edges and cutouts in plastic-laminate countertops with heavy coat of polyurethane varnish.

F. Provide scribe moldings for closures at junctures of countertop, curb, and splash with walls as recommended by manufacturer for materials involved. Match materials and finish to adjacent laboratory casework. Use chemical-resistant, permanently elastic sealing compound where recommended by manufacturer.

G. Carefully dress joints smooth, remove surface scratches, and clean entire surface.

3.04 INSTALLATION OF SINKS

A. Comply with installation requirements in SEFA 2.3.

B. Underside Installation of Epoxy Sinks: Use laboratory casework manufacturer's recommended adjustable support system for table- and cabinet-type installations. Set top edge of sink unit in sink and countertop manufacturers' recommended chemical-resistant sealing compound or adhesive, and firmly secure to produce a tight and fully leakproof joint. Adjust sink and securely support to prevent movement. Remove excess sealant or adhesive while still wet and finish joint for neat appearance.

3.05 INSTALLATION OF LABORATORY ACCESSORIES

A. Install accessories according to Shop Drawings, installation requirements in SEFA 2.3, and manufacturer's written instructions.

B. Securely fasten adjustable shelving supports, stainless-steel shelves, and pegboards to partition framing, wood blocking, or reinforcements in partitions.

C. Install shelf standards plumb and at heights to align shelf brackets for level shelves. Install shelving level and straight, closely fitted to other work where indicated.

D. Securely fasten pegboards to partition framing, wood blocking, or reinforcements in partitions.

3.06 INSTALLATION OF SERVICE FITTINGS

A. Comply with requirements in other Sections for installing water and laboratory gas service fittings and electrical devices.

B. Install fittings according to Shop Drawings, installation requirements in SEFA 2.3, and manufacturer's written instructions. Set bases and flanges of sink- and countertop-mounted fittings in sealant recommended by manufacturer of sink or countertop material. Securely anchor fittings to laboratory casework unless otherwise indicated.

3.07 CLEANING AND PROTECTING

A. Clean finished surfaces, touch up as required, and remove or refinish damaged or soiled areas to match original factory finish, as approved by Architect.

B. Protect countertop surfaces during construction with 6-mil (0.15-mm) plastic or other suitable water-resistant covering. Tape to underside of countertop at a minimum of 48 inches (1200 mm) o.c.

3.08 SERVICE-FITTING SCHEDULE

Copy this article and re-edit for each type of service fitting required. Review manufacturers' catalogs for fitting descriptions to determine types and characteristics required.

Insert number to complete designations below. Use these designations on Drawings to show locations where this service-fitting type is required.

A. Water Service Fitting, Type WF-[#]:

1. Fitting Type: [**Swing-spout mixing faucet**] [**Rigid, gooseneck mixing faucet**] [**Rigid, gooseneck, single-service faucet**] [**Remote-control, rigid, gooseneck, single-service faucet**] [**Single-service hose bibb**].
2. Outlet: [**Aerator**] [**Vacuum breaker and removable serrated outlet**].
3. Mounting: [**Wall**] [**Deck**] [**Line**] mounted.
4. Additional Requirements: [**Self-closing valves**] [**For reagent-grade water**] <**Insert requirement**>.

B. Laboratory Steam Service Fitting, Type SF-[#]:

1. Fitting Type: [**Turret**] [**Line mounted**] [**Flange type**] [**Remote-control turret**] [**Remote-control flange type**].
2. Outlets: [**One**] [**Two, at 90 degrees**] [**Two, at 180 degrees**] [**Three**] [**Four**].
3. Outlet Type: [**Straight**] [**Angled**].

C. Laboratory Gas Service Fitting, Type GF-[#]:

1. Service: [**Air**] [**Gas (fuel gas)**] [**Vacuum**] <**Insert service**>.
2. Fitting Type: [**Turret**] [**Line mounted**] [**Flange type**] [**Remote-control turret**] [**Remote-control flange type**].

3. Outlets: [**One**] [**Two, at 90 degrees**] [**Two, at 180 degrees**] [**Three**] [**Four**].
4. Outlet Type: [**Straight**] [**Angled**].
5. Valve Type: [**Ground-key cock**] [**Ball valve**] [**Needle valve**].

D. Electrical Service Fitting, Type EF-[**#**]:

1. Fitting Type: [**Pedestal, single faced**] [**Pedestal, double faced**] [**Recessed**] [**Line mounted**].
2. Device: [**One duplex receptacle**] [**Two duplex receptacles**] [**Four duplex receptacles**] [**One switched receptacle**] [**One duplex receptacle, switch, and pilot light**].
3. Additional Requirements: [**GFCI**] [**TVSS**] receptacles.

E. Communication Service Fitting, Type CF-[**#**]:

1. Fitting Type: [**Pedestal, single faced**] [**Pedestal, double faced**] [**Recessed**] [**Line mounted**].
2. Device: [**One duplex communication receptacle**] [**Two duplex receptacles**].

F. Electrical and Communication Service Fitting, Type ECF-[**#**]:

1. Fitting Type: [**Pedestal, single faced**] [**Pedestal, double faced**] [**Recessed**] [**Line mounted**].
2. Device: [**One duplex receptacle and one duplex communication receptacle**] [**Two duplex receptacles and two duplex communication receptacles**] [**One switched receptacle and one duplex communication receptacle**].
3. Additional Requirements: [**GFCI**] [**TVSS**] receptacles.

END OF SECTION 123553.16

SECTION 27 05 43 – CUSTOMER-OWNED OUTSIDE PLANT

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

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

1.2 RELATED SECTIONS

A. All Division 27 documents.

1.3 SUMMARY OF WORK

A. This Section provides for the installation of a Customer Owner-Outside Plant (CO-OSP) buried pathway system and fiber optic cabling infrastructure as specified.

1. Outside Plant (OSP) is defined as telecommunications spaces, pathways, cabling, cabling and termination hardware, and bonding and grounding work required to connect two or more buildings or structures and includes work through the building or structure penetration to the point of termination.

1.4 SUBMITTALS

A. General: Submit the following according to the Conditions of the Contract, Division 1 and Division 27 Specification Sections.

1. Product data and certificates of complete connectivity solution provider.
2. Cable Manufacturer's Certification of Quality and Performance.
3. Manufacturer's detailed specifications.
4. Maintenance Hole Manufacturer's detailed specifications.
5. Complete details of Contractor's Installation Practices including a complete list of equipment to be used and detailed quality control procedures with corrective action.
6. As detailed under "Quality Assurance" paragraph below.

B. Maintenance Manual: Include information listed above in the Maintenance Manual.

1.5 QUALITY ASSURANCE

A. The Prime Contractor or his subcontractor responsible for this Section shall have a Registered Communications Distribution Designer (RCDD) on staff who will be ultimately responsible for this Project. The RCDD must have sufficient experience in this type project as to be able to lend adequate technical support to the field forces during installation, during the warranty period, and during any extended warranty periods or maintenance contracts. A resume of past projects of the responsible RCDD must be attached to the Contractor's response for evaluation by the Owner

and Consultant. Provide a copy of the staff member's certificates and resume with the Bid Response. The RCDD shall specifically be experienced in the installation of telecommunications Outside Plant (OSP) cabling infrastructure systems.

B. The lead technician on the Project must carry a current BICSI certified technician certificate or have a minimum of five (5) years' experience in the installation of telecommunications outside plant cabling infrastructure systems of similar size and scope. A copy of the technician's certification and resume is required with the Bid response.

C. The lead Technician(s) on the Project shall have a thorough understanding of the referenced codes and standards:

1.6 WARRANTY

A. The fiber optic cabling system shall include a 15-year performance and applications warranty from the manufacturer.

1.7 SYSTEM DESCRIPTION

1. The underground pathway system consists primarily of 4-inch schedule 40 conduit containing fabric innerducts. The system includes maintenance holes and extends through the building penetrations to the Main Telecommunications Equipment Room(s).
2. The cabling system consists of single mode fiber optic cable connecting network electronics in each building.

PART 2 - PRODUCTS

2.1 PATHWAYS AND SPACES

A. Pathways and spaces shall be fully compliant with applicable standards, local codes and regulations, common industry installation practices and manufacturer's recommended methods. All hardware and miscellaneous items required for the complete installation of pathways and spaces shall be corrosion resistant material such as HDPE.

B. Underground Conduit: Specified sizes are Inside Diameter (ID) measurements. The system and all associated components shall be provided by a single manufacturer and include all required couplings, adaptors, fittings, brackets, hangers, and all other accessories recommended by the manufacturer and necessary for a complete and functional system as indicated. Where indicated provide system as follows:

1. The system shall be schedule 40 PVC conduit for direct buried applications. Provide 4-inch underground conduit unless otherwise indicated on the drawings.
2. Where directional boring is indicated, provide system specifically designed for directional boring.
3. The innerducts shall be detectable fabric designed to maximize conduit capacity.
4. The system shall be specifically designed for underground direct buried applications by trenching or directional bore.

5. The system shall be suitable for outdoor installations including constant immersion in water and attachment to external structures such as bridges without any degradation to the system.
6. The system shall be resistant to most harsh chemicals and protected against degradation due to oxidation or general corrosion.
7. The system shall provide for fixed or flexible sweeps and bends.
8. The percent ovality of the system shall not exceed 5%.
9. The system shall be capable of being sealed in concrete.
10. Provide system as indicated.

C. Maintenance Holes: All maintenance holes and associated components shall be provided by a single manufacturer and include all required couplings, adaptors, fittings, brackets, hangers, grounding and bonding, and all other accessories recommended by the manufacturer and necessary for a complete and functional system as indicated. Where indicated provide maintenance holes and covers as follows:

1. Shall be Tier-22 rated heavy-duty enclosures and lid.
2. Shall be of sufficient size to allow "Figure-8" coiling of cable slack without violating the bend radius restrictions of the cable.
3. Shall be of sufficient size to accommodate splice closures as specified.
4. Hardware shall be corrosion resistant stainless steel.
5. Shall be manufactured of high strength polymer concrete material consisting of an aggregate mix bound together with a polymer resin.
6. Materials shall be non-conductive, non-corrosive, and unaffected by moisture, freezing, sub-soil chemicals and UV light.
7. Shall have open bottom to allow drainage through gravel bed. Gravel bed shall be 12-inches deep below the maintenance hole and 12-inches wider on all sides as shown on the drawings.
8. Equip Maintenance Holes with all necessary provisions for knockouts, cable racking pulling irons, etc. for proper duct and cable installation per applicable electrical code, standards, and best practice.
9. Provide Maintenance Holes with a Pre-Formed Polymer Concrete Box Collar as indicated on the Drawings.
10. Provide- Maintenance Holes with a lid suitable for vehicle loading as specified.
11. Provide Maintenance Holes where indicated on the Drawings. Minimum size shall be 30”(W) x 48”(L) x 42”(D) or as indicated on the Drawings.
12. Approved manufacturer:

    a. Quazite

2.2 CABLING

A. All cabling shall be UL verified, rated for outside plant construction, and used appropriately as conditions require.

B. Fiber optic backbone cable:

1. Provide cable in continuous lengths. Each individual fiber strand shall be pulled from the same optical waveguide form and be completely void of any splices from the manufacturer.
2. Cable shall be Single mode fiber with a step index profile, 8.3/125-micron core/cladding diameter, dual window of 1310/1550nm, and industry standard color coding. Colors shall remain stable during temperature cycling and not subject to fading or smearing.

3. Cable shall be a loose tube all dielectric construction designed for outdoor use, suitable for installation in an underground environment including constant immersion in water and shall use Arid-Cor dry water blocking technology for moisture protection.
4. Each fiber and group of fibers shall be free-floating within the tubes allowing stresses placed on the cable to be de-coupled from the fiber strands.
5. The space within the tubes and around the strands shall contain a water blocking compound.
6. The cable shall employ a reverse oscillation stranding structure.
7. Cable configuration shall be in groups of up to twelve tubes surrounding a dielectric central strength member.
8. Each strand shall include a high-density polymer coating of a minimum of 250 micron to prevent surface abrasion.
9. The cable performance shall have a minimum rating of the following:

    a. Maximum Attenuation- (dB/Km) .4 @ 1310nm and .3 @ 1550nm.
    b. Bandwidth — Maximum dispersion of 3.5 pico seconds/nanometer-kilometer 1400nm.
    c. Tensile Strength — 2700 N under load conditions, 600N under static conditions, and crush resistance of 5000 N/m.
    d. Minimum Bend Radius - 15 times its outer diameter during operation and 20 times its outer diameter during installation.
    e. Environmental — Cable shall function without degradation under the following conditions:

        1) Installation: -30°C to +70°C
        2) Storage/Operation: -40°C to +70°C
        3) Humidity: 0 to 100%

10. Cable shall fully comply with all referenced and applicable standards and the following:

    a. EIA/TIA 492BAAA (detailed specification for class Ia dispersion unshifted Single-Mode Optical Waveguide/Fibers Cable used in Communications Systems).
    b. Bellcore GR-20 for crush resistance, impact resistance, flexing, and twist/bend.
    c. EIA/TIA-598 color coding for fiber optic cables.
    d. ANSI/ICEA S-83-640 for performance and physical construction.

11. Provide quantity, type, and size of fiber cabling as indicated on the Drawings
12. Approved manufacturers are:

    a. Corning

2.3 TERMINATION HARDWARE

A. General: No field termination of connectors shall be allowed. All fiber terminations shall be factory manufactured pigtails. The Contractor shall fusion splice pigtails onto specified fibers and install pre-terminated pigtail ends into the specified fiber patch panels. Provide field fusion splices in ground boxes where indicated.

    1. Underground fiber optic splice closures: Closures shall be fully compliant with Bellcore document GR-771-CORE.

a. Closure shall be specifically designed for underground installations and function without degradation in a temperature range of -45°C to +70°C
b. Closure shall comply with the following:

1) Corrosion resistance of metal components. ASTM B 117 salt spray test for (30) days.
2) Chemical resistance of nonmetallic components.
3) Ultra-violet degradation of nonmetallic components. ASTM G 53 for (90 days - UVB-313 lamps) days.
4) Resistance to water/moisture ingress.
5) Impact resistance (vandalism).
6) Effect of condensation (temperature/humidity cycle).
7) Fungus resistance (ASTM 21).
8) No light loss from cable clamping or cable movement.

c. Closure shall consist of an outer enclosure, inner enclosure, and splice trays. Outer enclosure shall be waterproof, re-enterable, and use an encapsulant between inner and outer enclosures to protect against moisture. Inner enclosure shall be re-enterable and protect the buffer tubes and splice trays.
d. Closure shall provide for the entry and exit of fiber optic cabling without violating the bend radius restrictions of the cable.
e. Closure shall be sized at each splice location appropriately to accommodate the quantity of fibers being spliced.
f. Splice trays shall be sized in each closure appropriately to accommodate the quantity of fibers being spliced.
g. Provide quantity of COYOTE® PUP closures as manufactured by Preformed Line Products necessary to complete all underground fiber splicing indicated on the Drawings.

2. Fiber optic patch panels as required for complete proper termination of all fibers installed.
3. Fiber optic pigtails. Splice new fiber to pigtails.

2.4 HARDWARE, CABLE ASSEMBLIES, AND ACCESSORIES

A. Identification:

1. Provide "Fiber Optic Cabling System - call (xxx) xxx-xxxx before proceeding" imprinted on each above ground cable marker.
2. Provide the maintenance hole number imprinted in the apron of each maintenance hole.
3. Provide the date of manufacture, manufacturer's name, and a numerical sequence at intervals no greater than 10 feet on the outer jacket of all cabling.
4. Provide "Fiber Optic Cabling System - call (xxx) xxx-xxxx before proceeding" on a nylon cable tag attached on all cable ends at 6 inches from the sheath end. The cable tag shall also identify the cable number. Within each Maintenance Hole label each fiber as specified within 6-inches of ingress conduit, egress conduit, and splice enclosure.
5. Provide the manufacturer's name, and a numerical sequence at intervals no greater than 2 feet on the pull rope.
6. Provide labeling with a white background and black print on all patch panel terminations. Labeling shall be as specified. Lettering shall be bold print and 1/4 inch in height. Labels shall be as manufactured by Brady or Panduit.
7. Apply an identifying label to each end of each fiber patch cord (same identifier on each end of the cable). Labeling shall be as specified. Lettering shall be bold print and 1/4 inch in height. Labels shall be as manufactured by Brady or Panduit.

8. All identification shall be permanent, type-written and constructed of material intended for the environment in which it is installed.

B. Fabric Detectable Innerduct:

1. Provide Maxcell MXED86383 fabric detectable innerduct in each underground conduit. Properly connect locate conductor to above ground cable markers.

C. Conduit Duct Plugs

1. Provide Duct Plug sized appropriately in all conduit ends.

D. Cable Lubricant

1. Use a non-hardening, non-toxic, non-corrosive, non-sensitizing, lubricating compound during installation of cabling to reduce friction. Do not use liquid detergent. Provide Arnco Hydra-Lude Blue (B200) Cable Lubricant or approved equal.

E. Equipment:

1. Fusion splicer used on this Project shall be as follows:

a. Provide as manufactured by Fujikura.

2. OTDR used on this Project shall be as follows:

a. Provide as manufactured by Fluke.

PART 3 - EXECUTION

3.1 GENERAL REQUIREMENTS

A. This Section is designed to provide the vendor with a standard of quality and functionality for the installation of Outside Plan (OSP). Not all procedures will be necessary for the installation of this Project. However, this standard will be considered in force for the original response as well as for any additions or changes to this Project.

3.2 INSTALLATION PRACTICES

A. Standards -The minimum criteria for proper installation may be found in the Telecommunications Distribution Methods Manual and Customer-Owned Outside Plant Design Manual published by the Building Industry Consulting Services International. Vendor must refer to this publication for cable installation practices. This Specification may take exception to optional statements within this manual. Treat any conflict per this Specification und Discrepancies or Conflicts.

1. Schedule work hours with the Consultant and Owner for each building to determine time and length of shifts and weekend availability.
2. Provide all cutting and patching where required.
3. Use proper tools as recommended by the manufacturer and as defined by the applicable standard for all work performed on this Project.

4. All installation practices shall be fully compliant with referenced and applicable standards, regulations, and codes and manufacturer's recommendations.

B. General

1. Provide all labor and materials as specified and as required for a complete and operational system as indicated whether or not specifically enumerated herein.
2. All installation practices shall use the latest available machinery, equipment, and tools. All techniques used on this Project shall result in the ease of maintenance and ready access to all components. Methods shall be approved by the Consultant before installation.
3. Label all cabling, spaces, pathways, closures, and terminations as indicated.
4. Coordinate with the Owner before beginning any work.
5. Coordinate with existing public utilities before beginning any work.
6. Submit proposed details of attachment to bridges and culvert structures and railroad crossings for Consultant approval before installation. Provide submittals in accordance with Construction Documents and State Department of Transportation requirements.
7. Examine all components of the system to verify that the materials, design, construction, markings, and workmanship are fully compliant with these Specifications.

C. Permits:

1. Contact the Authority Having Jurisdiction (AHJ) and secure all required permits for the Work specified under this Section.

D. Right-of-Way:

1. Right-of-way will be secured by the Owner. Provide all Work specified under this Section within the requirements of the right-of-way agreement.

E. Safety:

1. Provide and erect proper barriers, signage, covers, fencing, supports, and any other protection necessary to prevent harm to persons within and near the construction area always.
2. Provide proper electrical protection for all Work as indicated.
3. Provide proper grounding and bonding of all Work as indicated.

F. Traffic Control:

1. Provide complete traffic control including flag and security personnel, signage, barricades, routing changes, and all other requirements as specified. Submit proposed Work schedule and traffic control details to Consultant before installation.

G. Existing Utilities:

1. Locate, identify, and avoid all existing utilities (public and private) including but not limited to electric, water, sewer, gas, CATV, telecommunications, etc.

    a. Identify underground utilities by marking on the ground with color coded paint as follows:

        1) Electric – Red
        2) Gas/Oil – Yellow

3) Communications/CATV – Orange
4) Water – Blue
5) Sewer – Green
6) Limits of Exposed Excavation – White
7) Temporary Survey Marking – Pink

2. The location and routing of all underground pathways shown on the Drawings are intended as conceptual only and are anticipated to vary depending upon actual field conditions encountered. The exact location and routing of underground conduits shall be determined by the Contractor following the intent of the Drawings as general guideline only and shall be approved by the Owner's Field Representative. Prior to beginning the installation of underground conduits, it shall be the responsibility of the Contractor to research, locate, and mark any existing underground utilities that may interfere with the installation of new underground conduit. The Contractor shall be responsible for any damage to existing underground (or above ground) utilities or facilities. Any damage to existing underground or above ground utilities or facilities shall be replaced at the Contractor's expense, as approved by the Engineer. The Contractor, his successors and assigns, shall hold the Owner and the consultant harmless for any claims that may arise as a result of damages inflicted to existing underground or above ground utilities or facilities. Contractor is to notify all utility companies 48 hours prior to construction. Locate, identify, mark, and avoid all existing utilities. It shall be the responsibility of the Contractor to research and identify all utility companies whose utilities and facilities may be affected by this Project.
3. Where the actual location is uncertain, identify obstacles located along the proposed construction area by means of test holes.
4. Create test holes either directly above or to the side of the assumed location of any obstacle. After obstacle is located, take exact measurements, and create a profile drawing identifying the obstacle’s exact location.

H. Pathways and Spaces System

1. The pathways and spaces system consist primarily of underground conduit, maintenance holes, sleeved penetrations, and innerduct.
2. The general location of the conduit and maintenance holes is indicated on the Drawings. Place conduit and maintenance holes in the straightest and clearest pathway possible after location of underground utilities have been determined. Where minimum depth is unattainable, cover duct system with concrete as specified by the State Department of Transportation.
3. The inside radius of all bends and sweeps shall be no less than 40 inches. No single continuous conduit run shall contain more than the equivalent of two 90-degree bends (180 degrees total) between pull points. Encase all sweeps and bends in 17225 kPa (2500psi) concrete.
4. Install underground pathway system with a drain slope at all points to allow drainage and prevent the accumulation of water. Provide a drain slope of .12 inches per foot extending away from all building structures and between maintenance holes extending from mid-span towards each maintenance hole.
5. Hand-trench within five feet of each side and across all existing underground services.
6. Clearances: Always Provide and maintain the following clearances from the system:

    a. 12 inches of well-tamped earth or 3 inches of concrete between system and any electric power of other conduit.
    b. 6 inches when crossing and 12 inches when parallel of well-tamped earth between system and any pips (gas, water, oil, etc.)
    c. 50 inches below the top rail of any railroad crossing.
    d. 36 inches below the top rail of any street railway crossing.

7. Provide end caps on each end of all empty innerducts.
8. Seal open ends to prevent the entrance of dirt and/or moisture.
9. All conduit ends shall be smooth and free from burrs and sharp edges.
10. Where pathway system is placed beneath a railroad, paved street or highway, or river or stream crossing, provide galvanized steel casing as specified where required by the AHJ. After installation of underground duct system, fill casing with fine sand (blown in under pressure) and seal both ends with a 3-inch concrete wall.
11. Provide duct plugs on all duct ends at maintenance holes and building penetrations to prevent water and gas infiltration.
12. Where existing surface is removed, repair by back filling with material equal in. composition and density to the surrounding areas and replace removed surface such as asphalt pavement and concrete riprap with like material to equivalent condition.
13. Where directional boring is performed, installation practices shall be consistent with industry standards and practices and fully compliant with applicable codes and regulations.
14. Provide innerduct to house all fiber cabling in entrance facilities and the telecom rooms.
15. Provide maintenance holes where indicated. Follow manufacturer’s instructions for installation. Provide gravel bed as shown on the drawings below and around the maintenance hole.

I. Innerduct

1. Swivels must be used when pulling MaxCell.
2. The factory installed pull tapes in each cell must free-float during installation.
3. Properly secure innerduct at each end per manufacturer’s instructions.
4. Provide complete and proper locate wire terminations and connectivity to above ground markers for cable locating.

J. Cabling:

1. Provide all cabling as indicated in the Contract Documents.
2. Install cabling in the underground duct system as indicated.
3. Provide innerduct as specified.
4. Perform all Work in a manner consistent with industry practices. Extreme care shall be taken to not violate the bend radius restrictions of the cable at all times during the handling of the cable.
5. Provide protection of the fiber optic cabling at all times during storage and installation.
6. When the cable must be unreeled or slack provided at pull points during installation, use a "figure-8" configuration to prevent kinking or twisting of cable. Do not coil cable in a continuous direction. The bend radius restrictions of the cable shall not be violated.
7. Use entry guide shutes and cable sheaves to guide and protect cabling during installation. When multiple cables are being installed simultaneously, use separate cable sheaves and cabling systems for each cable to reduce cable entanglement.
8. Use cable lubricant as specified during installation of cabling to reduce friction.
9. Continuously monitor the pulling tension of the cable and do not allow pulling tension to exceed Specifications.
10. Use complete cabling installation system for the placement of fiber optic cable. Use Amco Tension Master pulling system or approved equal.
11. Prior to connectorizing or splicing, remove and discard the first ten feet of fiber from the cable ends. Clean water blocking compound from fiber and keep closures and Equipment Rooms void of water blocking compound.
12. Provide all termination hardware as indicated.
13. Neatly dress and securely attach all cabling.
14. Terminate all cabling on both ends using proper tools and manufacturer's instructions.

15. Provide fiber pigtails as specified. Provide buffer tubing and breakout kits on all strands at all terminations. Provide quantity as necessary to terminate all fiber.
16. All cable runs are to be continuous without splices except where specifically indicated.
17. Provide all bonding and ground as specified.
18. Provide proper strain relief for cabling at all connection points.
19. Provide a minimum of twenty feet of cable slack per each cable in all enclosures, at all splices, and at all terminations taking care not to exceed bend radius restrictions of fiber optic cabling.
20. Seal all conduits with a two-part urethane after complete installation.
21. In maintenance holes and telecom rooms, secure cabling such that it cannot be pulled from another location and cause damage to the cable.
22. Provide specified fiber splice closures. Locate splice closures in maintenance holes as indicated. Install closures such that they are easily and readily accessible for maintenance.
23. Maximum splice loss per splice per fiber strand shall not exceed 0.3 dB. The overall average splice loss per splice per fiber strand shall not exceed 0.15 dB.
24. In each Telecom Room, fusion splice cable ends to specified fiber pigtails and install fiber connectors in patch panel in numerical order. Label connectors as specified.
25. Maintain the correct polarity throughout the cabling system to support two-fiber transmit and receive applications. Using consecutive numbering, install fibers to pair odd numbered fibers with the next consecutive even numbered fiber.
26. Provide no less than six feet of pigtail slack neatly coiled in splice tray.
27. Maximum connector loss per mated pair shall not exceed 0.5 dB. The overall connector loss per mated pair shall not exceed 0.3 dB.
28. Provide wire management panels above and below all patch panels.
29. Provide blank panels as specified to fill all unused rack spaces in equipment cabinets/racks.

K. Restoration:

1. Completely restore all areas to original condition as it existed before construction or better.
2. Provide erosion control including bailed hay and sediment control fencing as specified in the referenced standards and as indicated on the Drawings.
3. Where trenching has been performed, restoration shall include return visits and additional trench fill after settlement of original fill has completely subsided and reseeding as necessary for complete restoration. Provide area safety as specified throughout restoration.

L. Identification:

1. Labels must be clearly type-written and must appear at all designated pointes for identification. Labeling scheme must provide unique identifiers at all pertinent points.
2. Provide all labeling of systems and components as specified.

M. Other Requirements:

1. Provide a thorough and complete system walk-through with the Consultant, and Owner personnel for the purpose of training. Training shall include as a minimum location and explanation of the purpose of each enclosure, transition, crossing, above ground markers, and termination. Explain in detail how locations of underground system are accomplished with an emphasis on life safety.

3.3 TESTING AND DOCUMENTATION

A. General:

1. Notify the Consultant no less than ten working days before performing any tests.
2. The results of aft tests shall be compared to the specified requirements- Failure to fully comply with specified requirements will result in the reflection of the tested item.
3. The Contractor is responsible for satisfying all testing requirements. Failure to fully comply with specified requirements will result in the rejection of the tested item.
4. The Contractor is responsible for satisfying all testing requirements. The Contract period will not be extended due to delays resulting from testing requirements.
5. All test results provided by the Contractor shall be compared to the required performance characteristics specified herein. Complete and certify all test results before submission to the Consultant for acceptance.
6. Failure to comply with performance requirements shall be deemed a defect and test equipment is subject to rejection. Installation practices shall also be subject to rejection. Rejected equipment may be re-submitted after evidence of recalibration and non-compliance corrections has been approved by the Consultant. Evidence that rejected installation practices have been corrected shall also be submitted to the Consultant for approval.

B. Fiber Optic Cabling: Test all fiber optic cabling completely in accordance with referenced standards.

1. All fibers shall be proof tested by the manufacturer are a minimum load of 6000 kPa. All fibers shall be 100% attenuation tested by the manufacturer for compliance with the specified performance requirements. Provide manufacturer's test results and performance certification before installation.
2. Perform 100% attenuation test all fiber optic cabling on the reel after receipt and before installation and submit results to Consultant for comparison against manufacturer's certified test results.
3. If any test results fail to meet the manufacturer's certified test results or are non-compliant with this Section, the cable shall be rejected.
4. Test and document all fiber optic cable from both ends on each terminated strand with a properly calibrated Optical Time Domain Reflectometer (OTDR. Documentation shall include OTDR catalog number, serial number, manufacturer, strand identifier, meter readings, test date, calibration information and operator responsible for test. All OTDR testing shall be fully compliant with ANSI/EIA/TIA 455-8.
5. Test and record all fiber losses with an approved light source and meter and submit to Consultant for approval. Provide all test information on printouts and on electronic files. Perform test as segments of the fiber installation are completed and as directed by the Consultant.
6. NOTE: Owner reserves the right to have present a representative during any or all testing procedures. Verification testing will be performed at or near Project completion by a third party specified by the Owner.

END OF SECTION

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YORKTOWN HIGH SCHOOL ATHLETICS BUILDING ADDITION

1100 S TIGER DRIVE
YORKTOWN, INDIANA 47396

100% CIVIL CONSTRUCTION DOCUMENTS

JANUARY 26, 2024

ADDENDUM #1: FEBRUARY 15, 2024

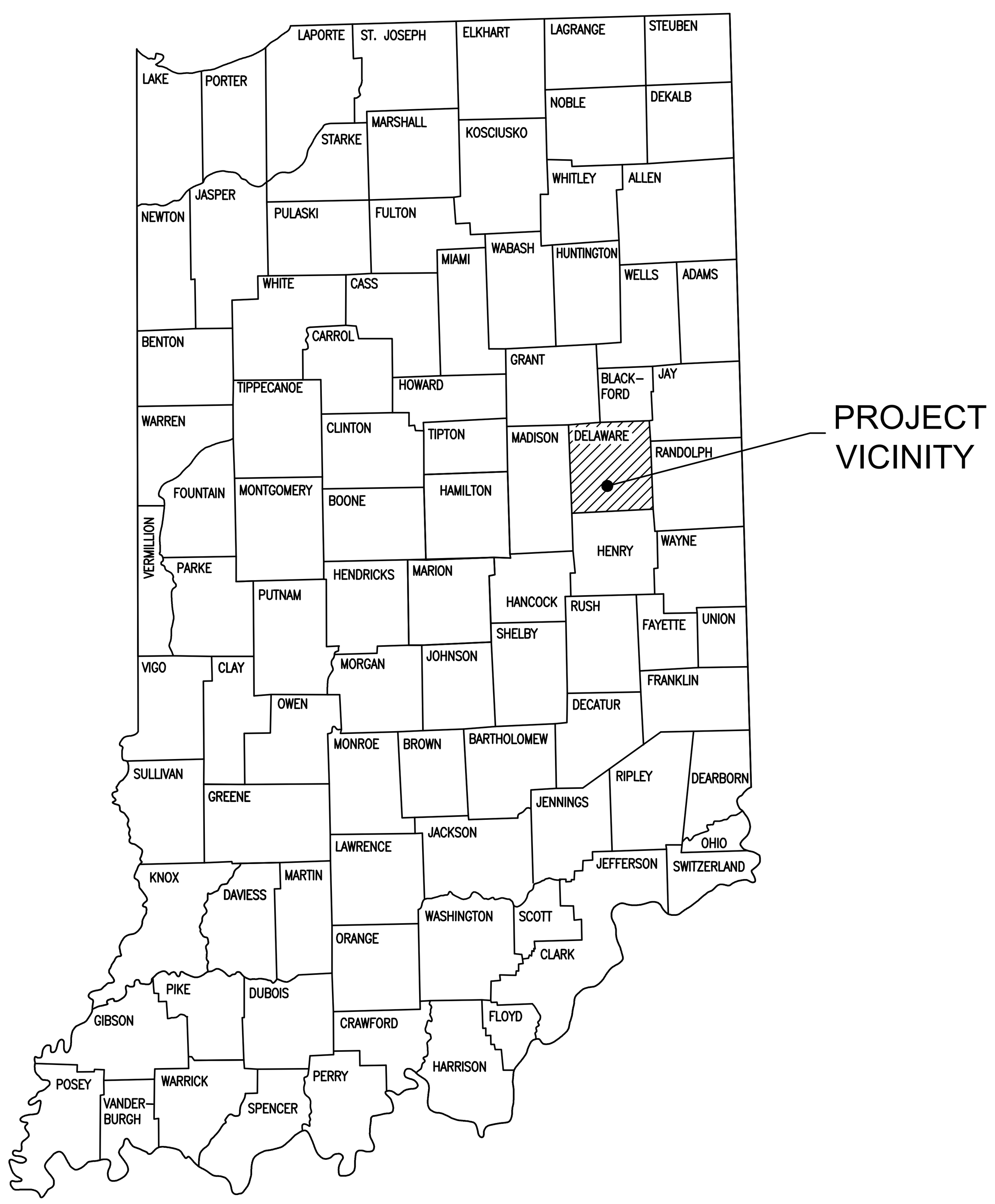
PRICING SET
NOT FOR CONSTRUCTION
Date: 01/26/23 By: JMP

UTILITY NOTE:

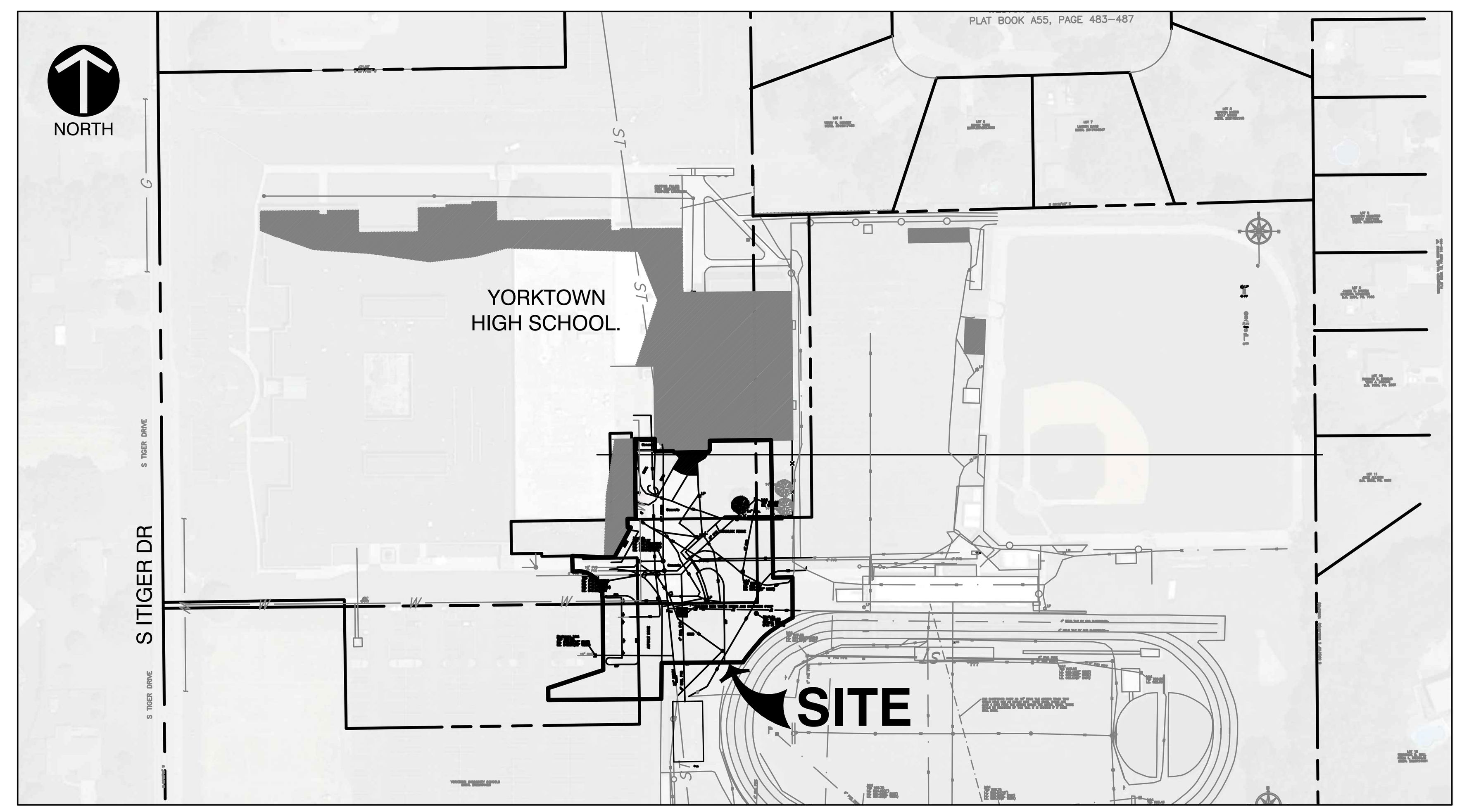
THIS SURVEY REFLECTS ABOVE GROUND INDICATIONS OF UTILITIES (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AS PROVIDED BY THE SURVEYOR. THE ENGINEER MAKES NO GUARANTEE THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER 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 ACTIVITIES.

FLOOD NOTE:

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 INSURANCE RATE MAP.



LOCATION MAP
NOT TO SCALE



VICINITY MAP
NOT TO SCALE

Sheet List Table	
Sheet Number	**Sheet Title**
C000	COVER SHEET
C100	EXISTING CONDITIONS PLAN
C101	DEMOLITION PLAN
C300	GRADING PLAN
C400	DRAINAGE PLAN
C401	DRAINAGE PROFILE
C402	DRAINAGE PROFILE
C403	DRAINAGE PROFILE
C500	OVERALL UTILITY PLAN
C501	UTILITY PLAN
C502	UTILITY PLAN
C503	UTILITY PLAN ALTERNATE
C800	SITE DETAILS
C801	SITE DETAILS
C802	SITE DETAILS
C803	SITE DETAILS
C900	STORMWATER POLLUTION PREVENTION PLAN
C901	STORMWATER POLLUTION PREVENTION NOTES
C902	STORMWATER POLLUTION PREVENTION DETAILS
	YORKTOWN STANDARD DETAILS

SURVEY NOTE:

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

EXISTING TOPOGRAPHY SURVEY WAS PROVIDED BY CLIENT, CONTEXT DESIGN, ON NOVEMBER 6, 2023. EXISTING TOPOGRAPHY SURVEY WAS PREPARED BY ASHTON LAND SURVEYORS.
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 00 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.

CONSULTANT TEAM:

DEVELOPER / OWNER
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CONTACT: DR. GREG HINSHAW
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YORKTOWN FIRE DEPARTMENT
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STREET DEPARTMENT
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TOWN OF YORKTOWN
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EROSION CONTROL INSPECTION
MUNCIE SANITARY DISTRICT – STORMWATER MANAGEMENT
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DRAINAGE & UTILITY REVIEW CONSULTANT
BUTLER, FAIRMAN & SEUFERT
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INDIANAPOLIS, IN 46240
ATTN: MATT SPIDEL
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MSPIDEL@BFSENGR.COM

Indiana811
Know what's below. Call before you dig.

JONATHAN M. PASYK
REGISTERED
No. PE12100829
STATE OF INDIANA
PROFESSIONAL ENGINEER
02/15/2024

REVISION RECORD

NO	DATE	DESCRIPTION
1	02/15/2024	ADDENDUM #1

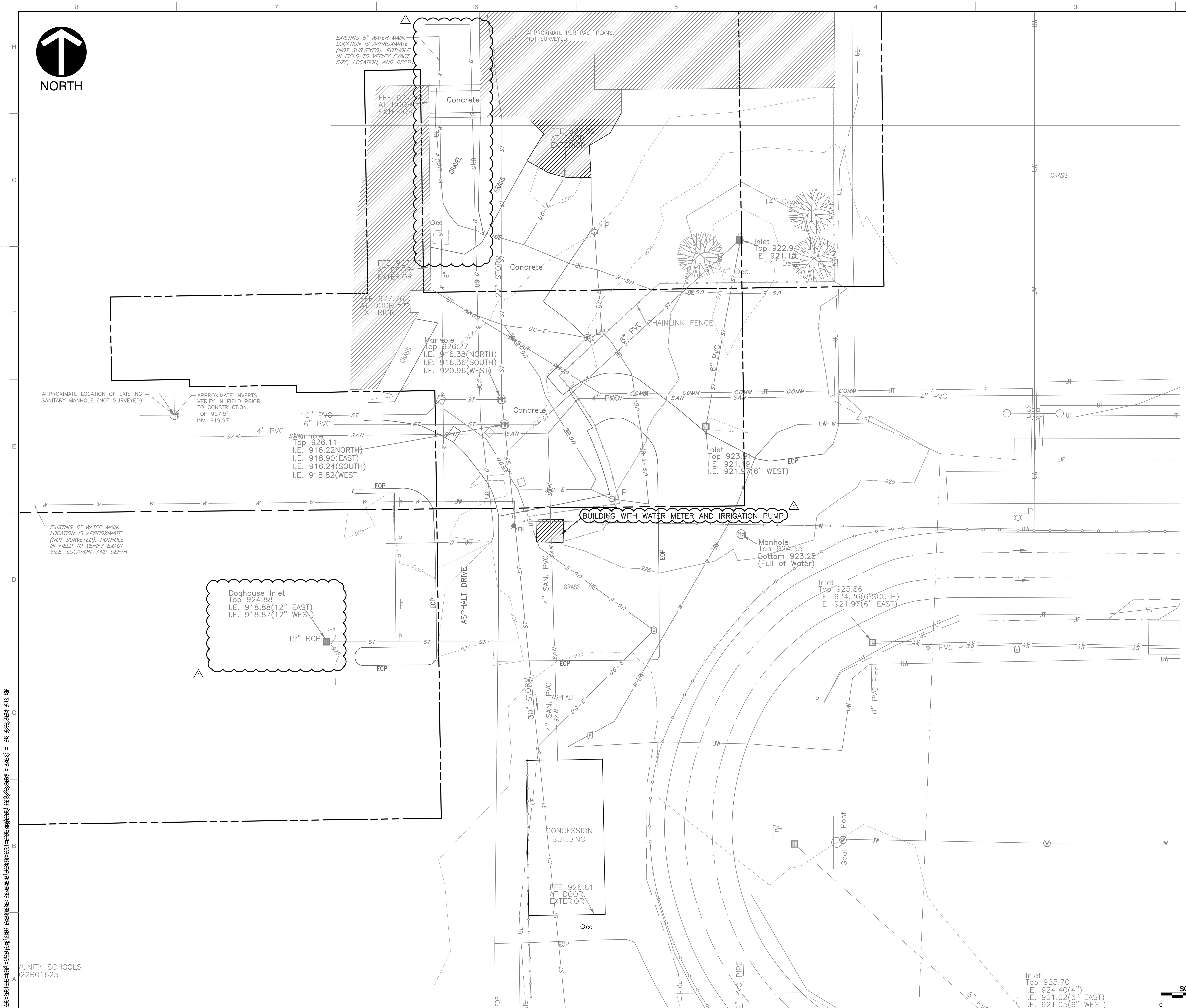
Civil & Environmental Consultants, Inc.
530 E. Ohio Street · Suite G - Indianapolis, IN 46204
317-655-7777 · 877-746-0749
www.cecinc.com

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

COVER SHEET

DATE: JANUARY 26, 2023	DRAWN BY: SRD
DWG SCALE: 1"=20'	CHECKED BY: JMP
PROJECT NO: 335-919	
APPROVED BY: DRAFT	

DRAWING NO.: **C000**
SHEET OF



GENERAL UTILITY NOTES:

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 THESE PLANS.
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 BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION OF SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR, AT HIS EXPENSE WITH THE PERMISSION OF THE OWNER.
3. BEFORE WORKING WITH OR AROUND EXISTING UTILITIES, THE APPLICABLE UTILITY COMPANY SHALL BE CONTACTED BY THE CONTRACTOR.
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 OR EXACTLY LOCATED.
6. ALL NEW WATER LINES SHALL HAVE A MINIMUM OF 54 INCHES OF COVER.
7. 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 TEN FEET OF THE WATER LINE.
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 THE DEFLECTION STANDARDS OF ASTM D-3303.
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 AND QUANTITIES.
13. WATER AND FIRE SERVICE SIZES AND CONNECTION LOCATIONS SHALL BE COORDINATED WITH THE MECHANICAL, ELECTRICAL AND PLUMBING PLANS.

SURVEY NOTE:

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TRANSMITTAL DATE: 05-22-2022

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FLOOD NOTE:

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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 00 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.

SCALE IN FEET
0 20' 40'

Indiana811
Know what's below. Call before you dig.

JONATHAN M. PASYK
REGISTERED
No. PE12100829
STATE OF INDIANA
PROFESSIONAL ENGINEER
02/15/2024

REVISION RECORD

NO	DATE	DESCRIPTION
1	02/15/2024	ADDENDUM #1

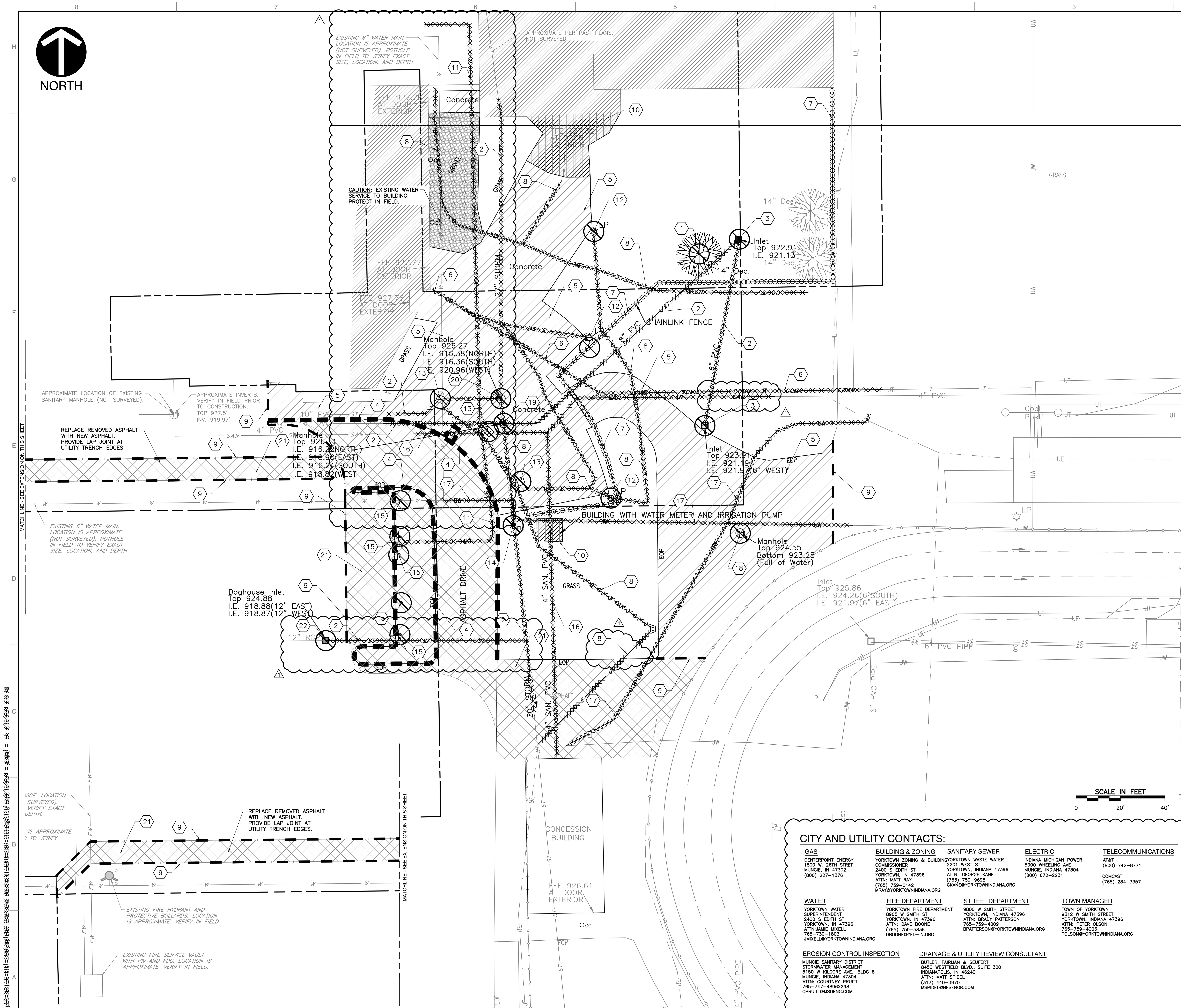
Civil & Environmental Consultants, Inc.
530 E. Ohio Street · Suite G · Indianapolis, IN 46204
317-655-7777 · 877-746-0749
www.cecinc.com

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

EXISTING CONDITIONS PLAN

DATE:	JANUARY 26, 2023	DRAWN BY:	SRD
DWG SCALE:	1"=20'	CHECKED BY:	JMP
PROJECT NO:	335-919	APPROVED BY:	DRAFT

DRAWING NO.: C100
SHEET OF



DEMOLITION NOTES:

1. THE CONTRACTOR SHALL BE RESPONSIBLE FOR REMOVAL AND DISPOSAL OFF–SITE OF ALL ITEMS SHOWN ON THE DEMOLITION PLAN INCLUDING ITEMS ENCOUNTERED DURING EXCAVATION OF BUILDING FOUNDATIONS AND UTILITY PLACEMENT.
2. PRIOR TO STARTING DEMOLITION, IT IS THE RESPONSIBILITY OF THE CONTRACTOR TO OBTAIN ALL PERMITS REQUIRED BY LOCAL GOVERNMENTAL AGENCIES.
3. THE CONTRACTOR SHALL COORDINATE WITH THE LOCAL UTILITY COMPANIES FOR THE DISCONNECTION AND REMOVAL OF SERVICES TO EXISTING STRUCTURES.
4. ITEMS SHOWN ON THE DEMOLITION PLAN TO BE SALVAGED SHALL BE TRANSPORTED TO LOCATION SPECIFIED BY THE OWNER OR HIS/HER REPRESENTATIVE.
5. ITEMS OF SALVAGEABLE VALUE TO THE CONTRACTOR MAY BE REMOVED WITH THE OWNER OR HIS/HER REPRESENTATIVE'S PERMISSION. THE CONTRACTOR SHALL NOT STORE THESE ITEMS ON SITE.
6. THE CONTRACTOR MAY NOT USE EXPLOSIVES OR BURN DEBRIS.
7. CONDUCT DEMOLITION OPERATIONS TO ENSURE MINIMAL INTERFERENCE WITH ROADS, SIDEWALKS AND ANY OTHER ADJACENT OCCUPIED FACILITIES.
8. DO NOT CLOSE OR OBSTRUCT ROADS, SIDEWALKS OR ANY OTHER OCCUPIED FACILITIES WITHOUT PERMISSION FROM THE LOCAL AUTHORITY HAVING JURISDICTION AND/ OR PROPERTY OWNERS.
9. THE CONTRACTOR SHALL ENSURE SAFE PASSAGE OF PERSON TRAVERSING THROUGH OR AROUND THE CONSTRUCTION SITE.
10. THE CONTRACTOR SHALL PROTECT FROM DAMAGE, SURROUNDING STRUCTURES, UTILITIES AND OTHER FACILITIES DURING DEMOLITION AND REMOVAL OPERATIONS.
11. BUILDING STRUCTURES INCLUDING FOUNDATIONS OR BASEMENTS SHALL BE REMOVED AND BACKFILLED WITH APPROVED BACKFILL MATERIAL. BACKFILL MATERIAL SHALL BE PLACED IN MAXIMUM EIGHT INCH LIFTS AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT OR A MINIMUM OF 95% OF A STANDARD PROCTOR.
12. UTILITIES SHALL BE REMOVED AND BACKFILLED WITH APPROVED BACKFILL MATERIAL. BACKFILL MATERIAL SHALL BE PLACED IN MAXIMUM EIGHT INCH LIFTS AND COMPACTED IN ACCORDANCE WITH THE GEOTECHNICAL REPORT OR A MINIMUM OF 95% OF A STANDARD PROCTOR.
13. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ENSURING THE CONSTRUCTION SITE AND SURROUNDING AREAS ARE FREE OF ACCUMULATED DEBRIS.

DEMOLITION LEGEND:

- CONCRETE CURB TO BE REMOVED
- EXISTING UTILITY TO BE REMOVED
- ASPHALT PAVEMENT TO BE REMOVED
- CONCRETE PAVEMENT TO BE REMOVED
- EXISTING BUILDING/STRUCTURE TO BE REMOVED
- MISC. ITEM TO BE REMOVED
- SAWCUT EXISTING PAVEMENT
- GRAVEL TO BE REMOVED

DEMOLITION ITEMS:

1. REMOVE EXISTING TREE COMPLETE; DISPOSE OF OFF SITE. COORDINATE WITH "L" SERIES PLANS. FOR ANY DISCREPANCIES WITH PLANTING PRESERVATION/REMOVAL, THE "L" SERIES SHALL SUPERSEDE.
2. REMOVE EXISTING STORM PIPE COMPLETE; DISPOSE OF OFF SITE.
3. REMOVE EXISTING STORM STRUCTURE COMPLETE AND EXISTING PAVEMENT UNDERDRAINS; DISPOSE OF OFF SITE.
4. REMOVE CONCRETE CURB COMPLETE & ASPHALT PATCH; DISPOSE OF OFF SITE.
5. REMOVE EXISTING CONCRETE COMPLETE; DISPOSE OF OFF SITE.
6. REMOVE EXISTING TELECOM CONDUIT IN CONFLICT WITH NEW BUILDING.
7. REMOVE EXISTING FENCE COMPLETE; DISPOSE OF OFF SITE.
8. REMOVE EXISTING UNDERGROUND ELECTRIC IN CONFLICT WITH NEW BUILDING. RE–ROUTE AT HANDHOLE. COORDINATE WITH "E" SERIES PLANS.
9. PAVEMENT SAWCUT. SAWCUT CONCRETE AT NEAREST EXISTING JOINT.
10. PARTIAL BUILDING & FACADE DEMOLITION. REFER TO "A" SERIES PLANS.
11. REMOVE EXISTING GAS LINE AND GAS METER IN CONFLICT WITH NEW BUILDING. COORDINATE WITH CENTERPOINT ENERGY.
12. REMOVE EXISTING LIGHT POLE COMPLETE; DISPOSE OF OFF SITE.
13. REMOVE EXISTING CONCRETE COLUMN COMPLETE; DISPOSE OF OFF SITE.
14. SALVAGE AND RELOCATE EXISTING FIRE HYDRANT. COORDINATE WITH C500 PLAN.
15. SALVAGE AND RELOCATE EXISTING ADA PARKING SIGN. COORDINATE WITH "L" SERIES PLANS.
16. REMOVE EXISTING SANITARY PIPE COMPLETE; DISPOSE OF OFF SITE.
17. REMOVE EXISTING WATER MAIN, BENDS TEES AND VALVES; DISPOSE OF OFF SITE. COORDINATE WITH C500 PLAN FOR NEW ROUTING.
18. REMOVE EXISTING WATER VALVE PIT COMPLETE; DISPOSE OF OFF SITE.
19. REMOVE EXISTING PRECAST CONCRETE MANHOLE COMPLETE. DISPOSE OF OFF SITE.
20. REMOVE EXISTING MASONRY BLOCK MANHOLE COMPLETE. DISPOSE OF OFF SITE.
21. REMOVE EXISTING ASPHALT COMPLETE; DISPOSE OF OFF SITE.
22. REMOVE EXISTING DOGHOUSE MANHOLE COMPLETE; DISPOSE OF OFF SITE.

SCALE IN FEET
0 20' 40'

CITY AND UTILITY CONTACTS:

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

BUILDING & ZONING
YORKTOWN ZONING & BUILDING COMMISSIONER
2400 S EDITH ST
YORKTOWN, IN 47396
ATTN: MATT RAY
(765) 759–0142
MRAY@YORKTOWNINDIANA.ORG

SANITARY SEWER
YORKTOWN WASTE WATER
2201 WEST ST
YORKTOWN, INDIANA 47396
ATTN: GEORGE KANE
(765) 759–9698
GKANE@YORKTOWNINDIANA.ORG

ELECTRIC
INDIANA MICHIGAN POWER
5000 WHEELING AVE
MUNCIE, INDIANA 47304
(800) 672–2231

TELECOMMUNICATIONS
AT&T
(800) 742–8771

COMCAST
(765) 284–3357

WATER
YORKTOWN WATER SUPERINTENDENT
2400 S EDITH ST
YORKTOWN, IN 47396
ATTN:JAMIE MIXELL
765–730–1803
JMIXELL@YORKTOWNINDIANA.ORG

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

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

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

EROSION CONTROL INSPECTION
MUNCIE SANITARY DISTRICT – STORMWATER MANAGEMENT
5150 W KILGORE AVE., BLDG 8
MUNCIE, INDIANA 47304
ATTN: COURTNEY PRUITT
765–747–4896X298
CPRUITT@MSDENG.COM

DRAINAGE & UTILITY REVIEW CONSULTANT
BUTLER, FAIRMAN & SEUFERT
8450 WESTFIELD BLVD., SUITE 300
INDIANAPOLIS, IN 46240
ATTN: MATT SPIDEL
(317) 440–3970
MSPIDEL@BFSENGR.COM

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JONATHAN M. PASYK — REGISTERED No. PE12100829 — STATE OF INDIANA — PROFESSIONAL ENGINEER — 02/15/2024

REVISION RECORD

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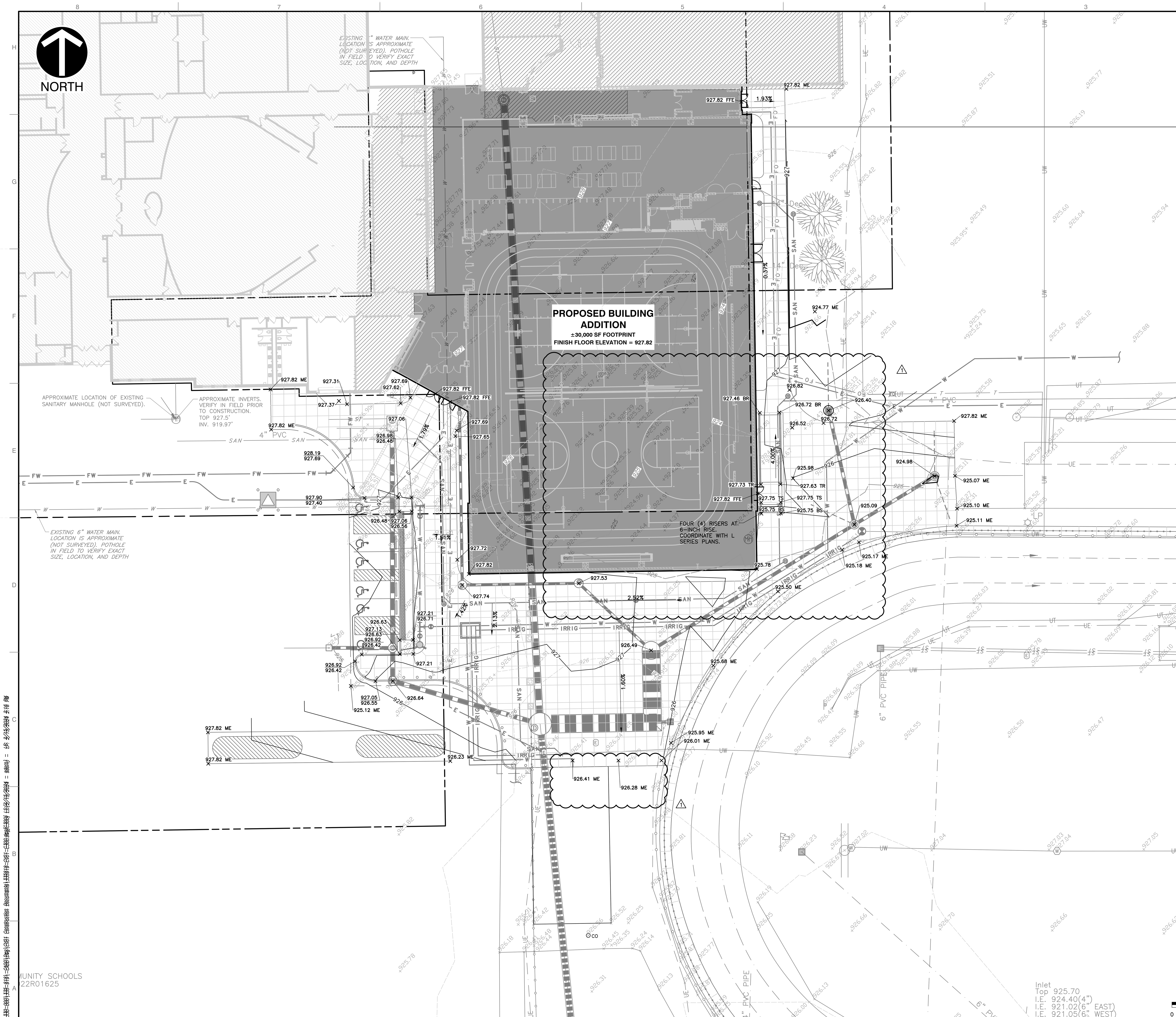
1100 S TIGER DRIVE
YORKTOWN, INDIANA 47396

DEMOLITION PLAN

DATE:	JANUARY 26, 2023	DRAWN BY:	SRD
DWG SCALE:	1"=20'	CHECKED BY:	JMP
PROJECT NO:	335-919	APPROVED BY:	DRAFT

DRAWING NO.: **C101**
SHEET OF



GENERAL GRADING NOTES:

1. CONTRACTOR SHALL STRICTLY ADHERE TO THE EROSION CONTROL MEASURES PREPARED FOR THIS PROJECT.
2. EARTHWORK SHALL INCLUDE CLEARING AND GRUBBING, STRIPPING AND STOCKPILING TOPSOIL, MASS GRADING, EXCAVATION, FILLING, UNDER CUT AND REPLACEMENT, IF REQUIRED, AND COMPACTION.
3. CONTRACTOR TO REFILL UNDERCUT AREAS WITH SUITABLE MATERIAL AND COMPACT AS RECOMMENDED BY THE GEOTECHNICAL ENGINEER.
4. PLACE TOPSOIL OVER THE SUBGRADE OF UNPAVED, DISTURBED AREAS TO A DEPTH INDICATED ON THE LANDSCAPE PLANS (6" MINIMUM). PAVEMENT SLOPES ACROSS ACCESSIBLE PARKING STALLS AND ADJOINING ACCESS AISLES SHALL BE MAXIMUM 2%.
5. ALL EMBANKMENT SLOPES SHALL BE 3:1 (HORIZONTAL:VERTICAL) MAXIMUM UNLESS NOTED OTHERWISE.
6. ALL AREAS NOT PAVED SHALL BE STABILIZED IN ACCORDANCE WITH THE EROSION CONTROL PLAN, UNLESS NOTED OTHERWISE.
7. ALL EXCESS SOIL MATERIALS SHALL BECOME THE PROPERTY OF THE CONTRACTOR UNLESS OTHERWISE DESIGNATED SHALL BE REMOVED BY THE CONTRACTOR AND DISPOSED OF OFFSITE AT NO ADDITIONAL COST TO THE OWNER IN ACCORDANCE WITH ALL LOCAL AND STATE CODES AND PERMIT REQUIREMENTS.
8. DRAINAGE SYSTEMS SHALL BE INSPECTED DURING CONSTRUCTION BY A REGISTERED PROFESSIONAL ENGINEER OR LAND SURVEYOR. WITHIN 30 DAYS AFTER COMPLETION OF ON AND OFF-SITE DRAINAGE FACILITIES, THE REGISTERED PROFESSIONAL SHALL CERTIFY IN WRITING THE COMPLIANCE OF THE DRAINAGE FACILITIES PER LOCAL REQUIREMENTS.
9. CONTRACTOR SHALL PERPETUATE ALL DRAINS AND TILES ENCOUNTERED DURING CONSTRUCTION. COORDINATE WITH ENGINEER OF RECORD REGARDING THE CONNECTION TO THE PROPOSED STORM SEWER SYSTEM.
10. STORM STRUCTURES RECEIVING SUB-SURFACE DRAINS (SSD) SHALL HAVE BOTH CONNECTIONS CORE DRILLED. T OR Y BLIND CONNECTIONS ARE NOT ALLOWED.
11. ALL STORM STRUCTURE CASTINGS MUST BE LABELED "NO DUMPING, DRAINS TO WATERWAY".
12. ALL FILL SHALL BE FORMED FROM MATERIAL FREE OF VEGETABLE MATTER, RUBBISH, LARGE ROCK, AND OTHER DELETERIOUS MATERIAL. PRIOR TO PLACEMENT OF FILL, A SAMPLE OF THE PROPOSED FILL MATERIAL SHOULD BE SUBMITTED TO GEOTECHNICAL TESTING CONTRACTOR FOR APPROVAL. THE SURFACE OF EACH LAYER WILL BE APPROXIMATELY HORIZONTAL BUT WILL BE PROVIDED WITH SUFFICIENT LONGITUDINAL AND TRANSVERSE SLOPE TO PROVIDE FOR RUNOFF OF SURFACE WATER FROM EVERY POINT. THE FILL MATERIAL SHOULD BE PLACED IN LAYERS NOT TO EXCEED EIGHT (8) INCHES IN LOOSE THICKNESS AND SHOULD BE SPRINKLED WITH WATER AS REQUIRED TO SECURE SPECIFIED COMPACTIONS. EACH LAYER SHOULD BE UNIFORMLY COMPACTED BY MEANS OF SUITABLE EQUIPMENT OF THE TYPE REQUIRED BY THE MATERIALS COMPOSING THE FILL. UNDER NO CIRCUMSTANCES SHOULD A BULLDOZER OR SIMILAR TRACKED VEHICLES BE USED AS COMPACTING EQUIPMENT. MATERIAL CONTAINING AN EXCESS OF WATER SO THE SPECIFIED COMPACTION LIMITS CANNOT BE ATTAINED SHOULD BE SPREAD AND DRIED TO A MOISTURE CONTENT THAT WILL PERMIT PROPER COMPACTION. ALL FILL SHOULD BE COMPACTED TO THE SPECIFIED PERCENT OF THE MAXIMUM DENSITY OBTAINED IN ACCORDANCE WITH ASTM DENSITY TEST D-1557 (95 PERCENT OF MAXIMUM DRY DENSITY BELOW PAVEMENTS). SHOULD THE RESULTS OF THE IN-PLACE DENSITY TESTS INDICATE THAT THE SPECIFIED COMPACTION LIMITS ARE NOT OBTAINED; THE AREAS REPRESENTED BY SUCH TESTS SHOULD BE REWORKED AND RETESTED AS REQUIRED UNTIL THE SPECIFIED LIMITS ARE REACHED.

GRADING LEGEND:

800	PROPOSED INDEX CONTOUR
798	PROPOSED INTERMEDIATE CONTOUR
	PROPOSED DRAINAGE SWALE
	PROPOSED GRADE BREAK
	PROPOSED STORM SEWER LINE
	PROPOSED UNDERDRAIN
766.90	PROPOSED SPOT ELEVATION
798.50 / 798.00	PROPOSED CURB SPOT ELEVATION; TOP OF CURB ON TOP, GUTTER ELEVATION ON BOTTOM

ABBREVIATIONS:
TC = TOP OF CURB
BC = BOTTOM OF CURB
TW = TOP OF WALL
BW = BOTTOM OF WALL
TR = TOP OF RAMP
BR = BOTTOM OF RAMP
ME = MATCH EXISTING
RIM = RIM ELEVATION
FL = FLOW LINE

SURVEY NOTE:

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

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

UTILITY NOTE:

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FLOOD NOTE:

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 INSURANCE RATE MAP.

Indiana 811 — Know what's below. Call before you dig.

JONATHAN M. PASYK — REGISTERED — No. PE12100829 — STATE OF INDIANA — PROFESSIONAL ENGINEER — 02/15/2024

REVISION RECORD

NO	DATE	DESCRIPTION
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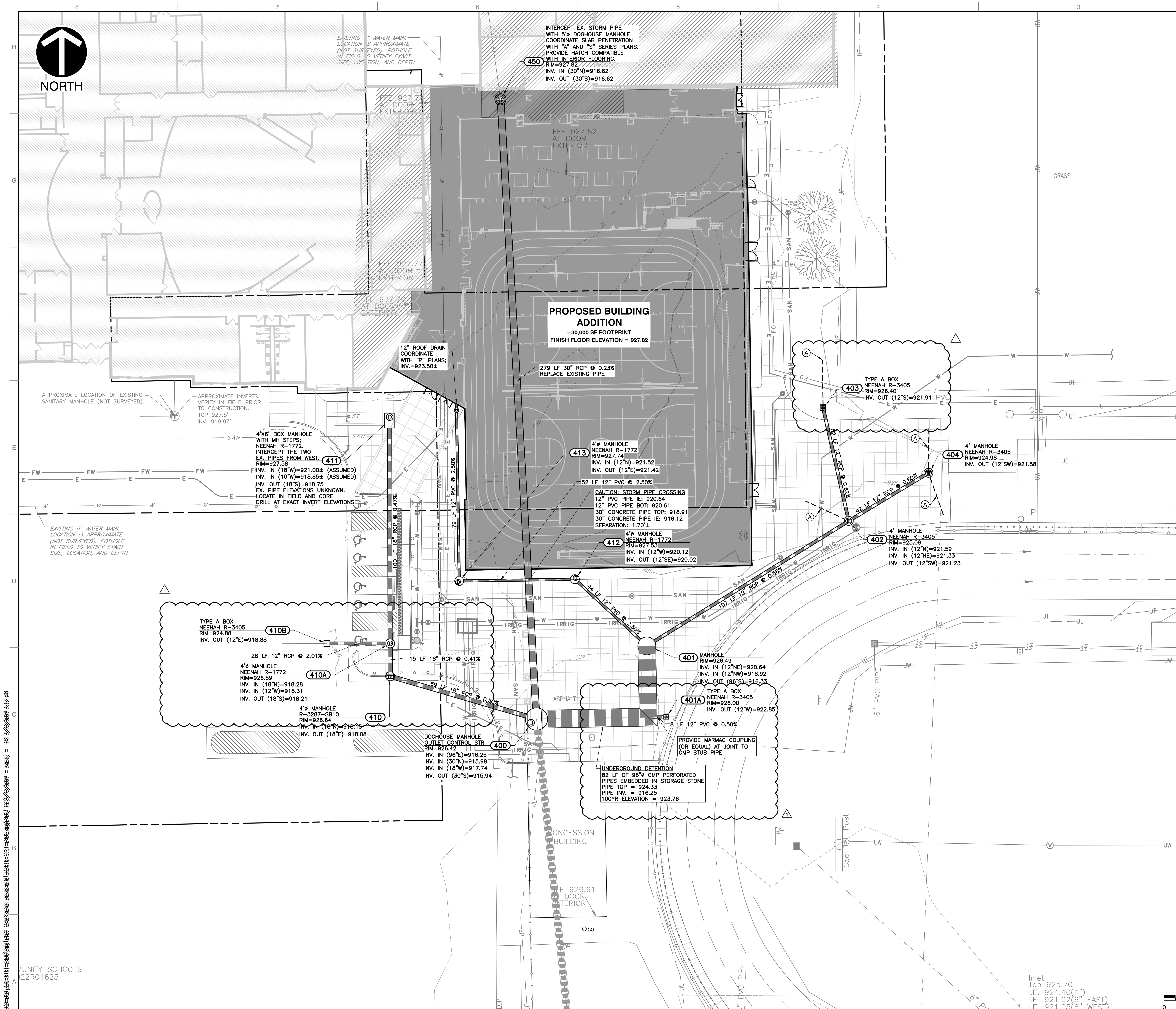
GRADING PLAN

DATE:	JANUARY 26, 2023	DRAWN BY:	SRD
DWG SCALE:	1"=20'	CHECKED BY:	JMP
PROJECT NO:	335-919		
APPROVED BY:	DRAFT		

DRAWING NO.: C300
SHEET OF



GENERAL DRAINAGE NOTES:

1. CONTRACTOR SHALL STRICTLY ADHERE TO THE EROSION CONTROL MEASURES PREPARED FOR THIS PROJECT.
2. DRAINAGE SYSTEMS SHALL BE INSPECTED DURING CONSTRUCTION BY A REGISTERED PROFESSIONAL ENGINEER OR LAND SURVEYOR. WITHIN 30 DAYS AFTER COMPLETION OF ON AND OFF-SITE DRAINAGE FACILITIES, THE REGISTERED PROFESSIONAL SHALL CERTIFY IN WRITING THE COMPLIANCE OF THE DRAINAGE FACILITIES PER LOCAL REQUIREMENTS.
3. CONTRACTOR SHALL PERPETUATE ALL DRAINS AND TILES ENCOUNTERED DURING CONSTRUCTION. COORDINATE WITH ENGINEER OF RECORD REGARDING THE CONNECTION TO THE PROPOSED STORM SEWER SYSTEM.
4. STORM STRUCTURES RECEIVING SUB-SURFACE DRAINS (SSD) SHALL HAVE BOTH CONNECTIONS CORE DRILLED. T OR Y BLIND CONNECTIONS ARE NOT ALLOWED.
5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL COSTS ASSOCIATED WITH THE INSTALLATION, INSPECTION, TESTING AND FINAL ACCEPTANCE OF ALL NEW STORMWATER MANAGEMENT FACILITIES CONSTRUCTION. CONTRACTOR SHALL COORDINATE WITH ALL APPLICABLE REGULATING AGENCIES CONCERNING INSTALLATION, INSPECTION AND APPROVAL OF THE STORM DRAINAGE SYSTEM CONSTRUCTION.
6. ALL STORMWATER MANAGEMENT FACILITIES, INCLUDING COLLECTION AND CONVEYANCE STRUCTURES SHALL BE INSTALLED IN ACCORDANCE WITH ALL APPLICABLE LOCAL AND STATE CODES AND REGULATIONS.
7. ANY WORK PERFORMED IN THE LOCAL OR STATE RIGHT OF WAYS SHALL BE IN ACCORDANCE WITH THE APPLICABLE LOCAL OR STATE REQUIREMENTS. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO OBTAIN THE NECESSARY PERMITS FOR THE WORK, SCHEDULE NECESSARY INSPECTIONS, AND PROVIDE THE NECESSARY TRAFFIC CONTROL MEASURES AND DEVICES, ETC., FOR WORK PERFORMED IN THE RIGHT OF WAYS.
8. DISTANCES SHOWN ON PIPING ARE HORIZONTAL DISTANCES FROM CENTER OF STRUCTURE TO CENTER OF STRUCTURE, UNLESS OTHERWISE NOTED.
9. STORM PIPE MATERIAL OPTIONS ARE AS FOLLOWS: HDPE OR RCP, AS NOTED ON PLANS. HDPE SHALL BE ADS N-12 DUAL WALL POLYETHYLENE PIPE (OR APPROVED EQUAL).
10. PRIOR TO CONSTRUCTION, CONTRACTOR TO VERIFY FEASIBILITY OF CONNECTING ADDITIONAL STORM PIPES TO EXISTING STRUCTURES. CONTRACTOR TO REHABILITATE STORM STRUCTURES FROM CORE-DRILLING NEW HOLES. REHABILITATION MAY INCLUDE BUT IS NOT LIMITED TO FLOW LINE FORMATION, SEALING CRACKS, STRUCTURAL LINING OR OTHER PROCEDURES AS REQUIRED BY THE CITY OF GREENFIELD. REPLACE STRUCTURE IF REHABILITATION IS NOT POSSIBLE.

DRAINAGE LEGEND:

920	PROPOSED INDEX CONTOUR
922	PROPOSED INTERMEDIATE CONTOUR
	PROPOSED DRAINAGE SWALE
	PROPOSED STORM SEWER LINE
	PROPOSED UNDERDRAIN

DRAINAGE KEY NOTES

(A) 20 LF OF 4"ø ASPHALT PAVEMENT UNDERDRAIN. SEE DETAIL 400 ON SHEET C800.

SURVEY NOTE:

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PHONE: (765) 282-5594
TRANSMITTAL DATE: 05-22-2022

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SCALE IN FEET
0 20' 40'

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DRAINAGE PLAN

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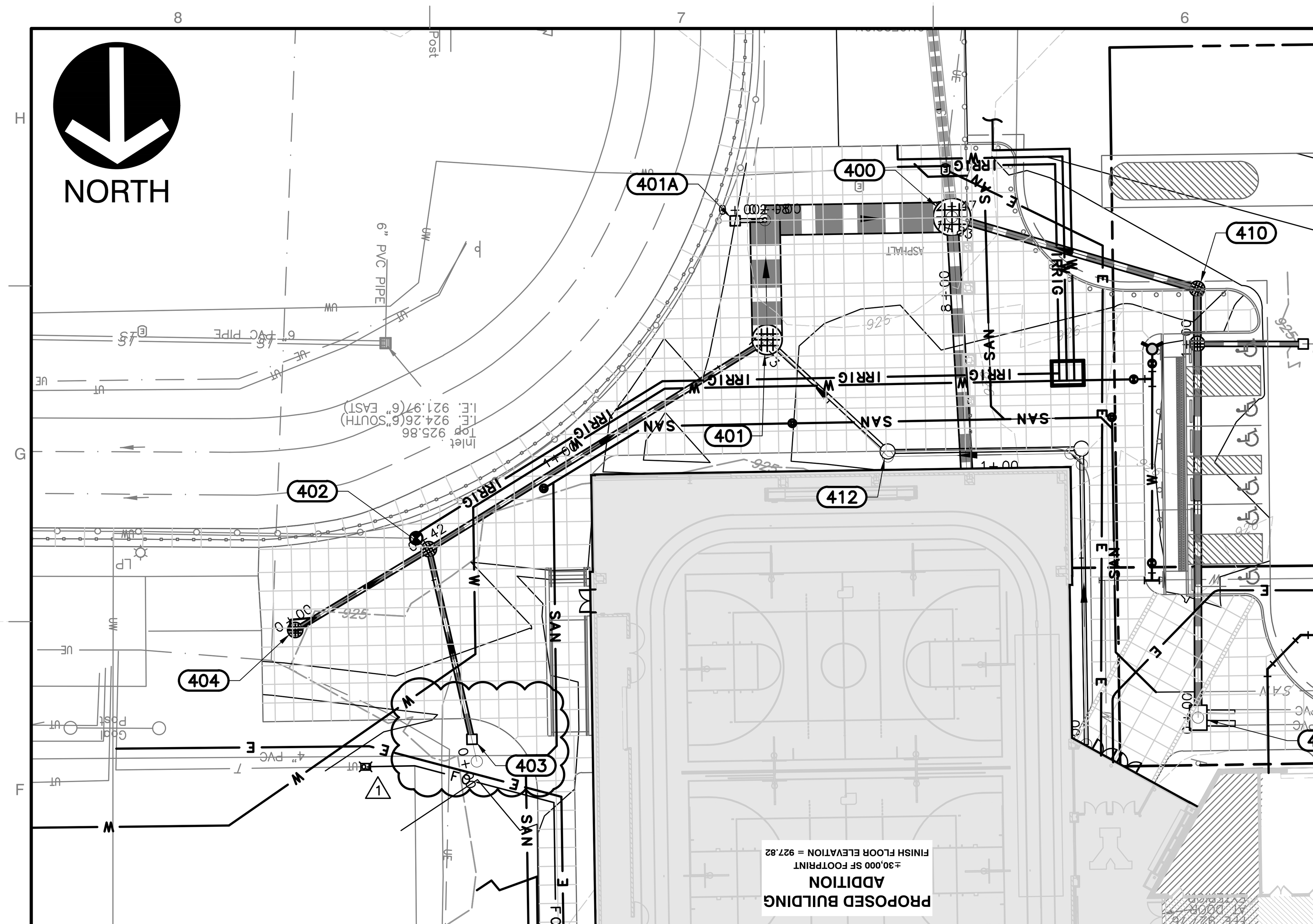
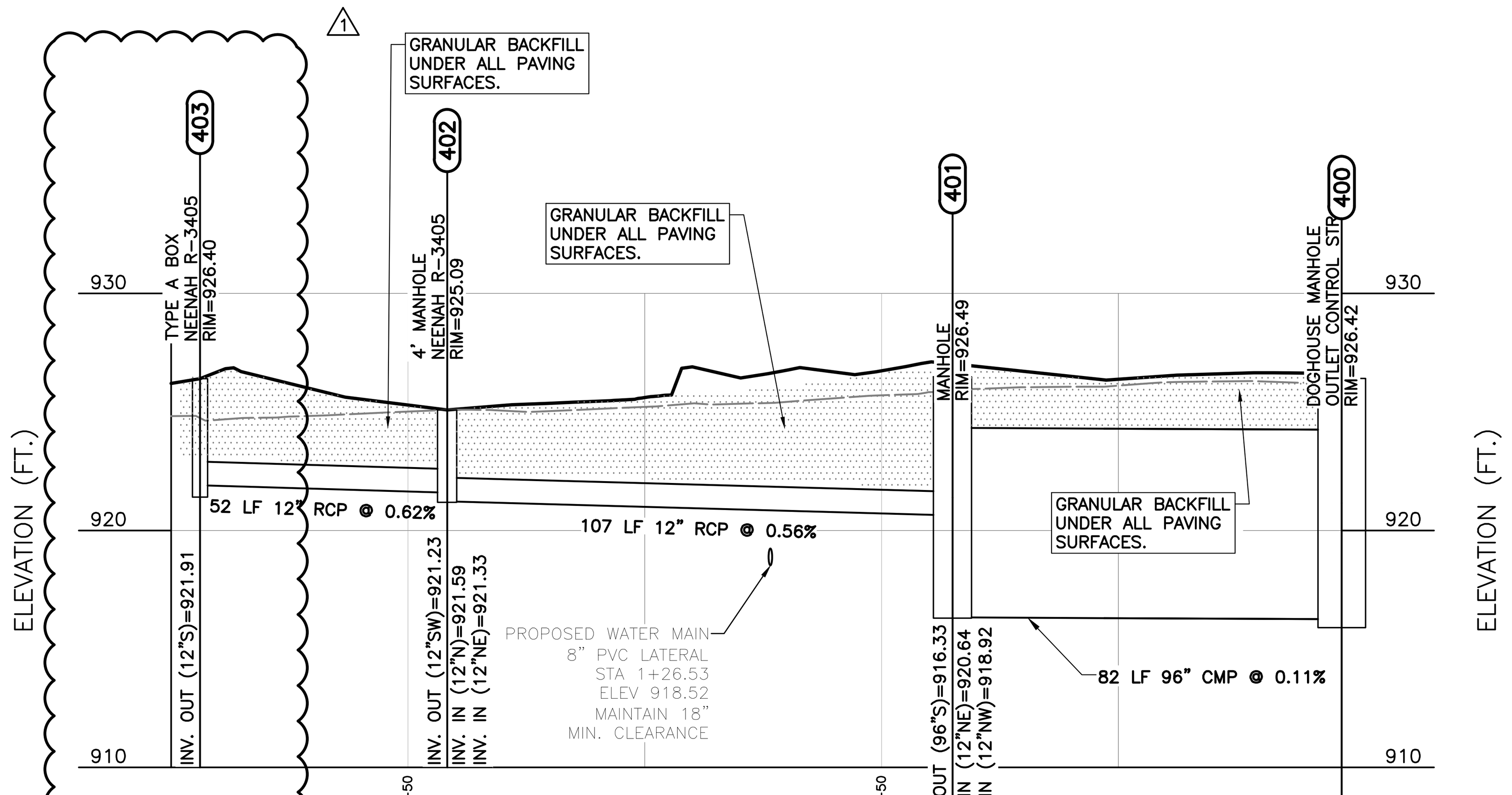
APPROVED BY:			DRAFT

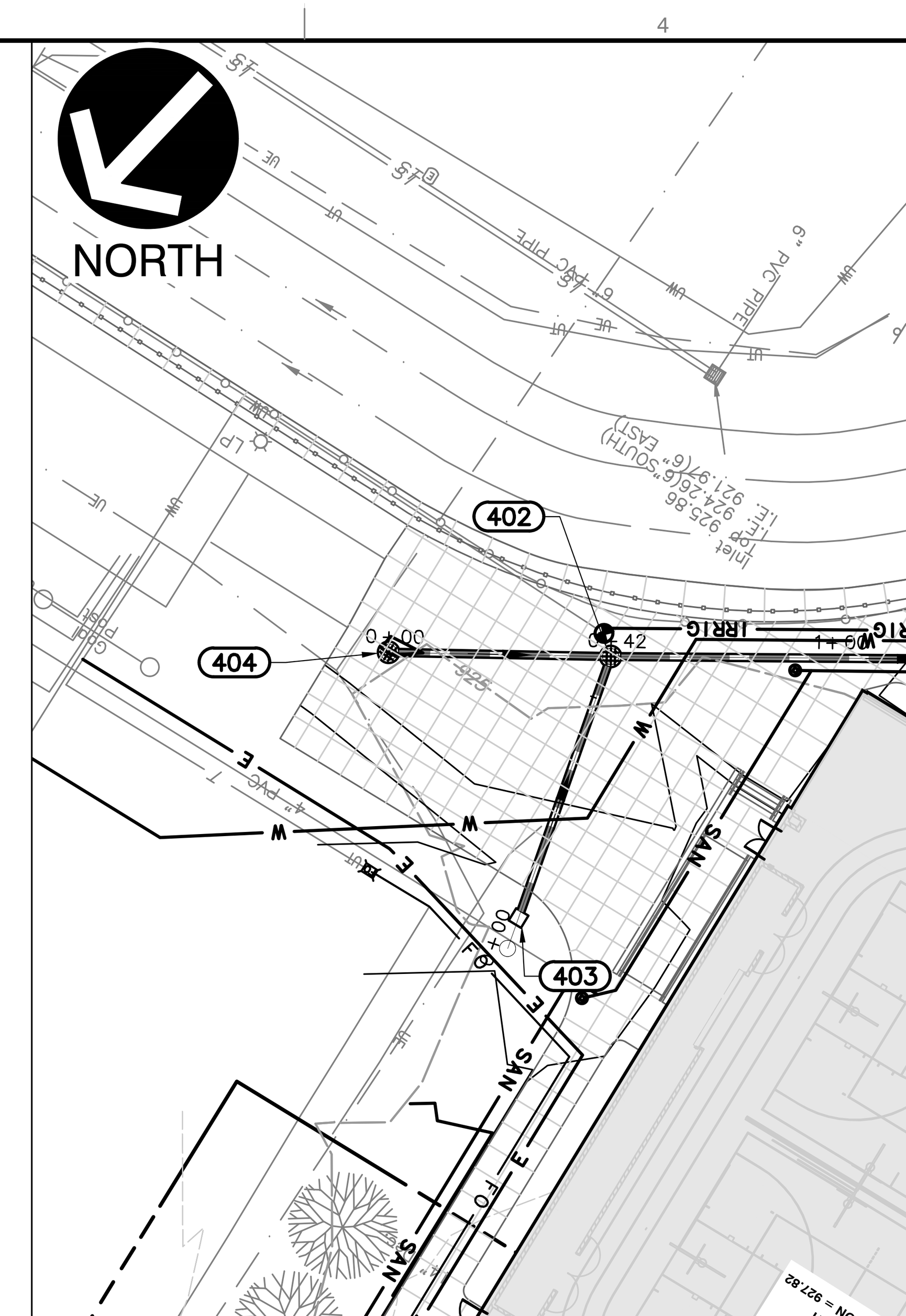
DRAWING NO.: C400
SHEET OF

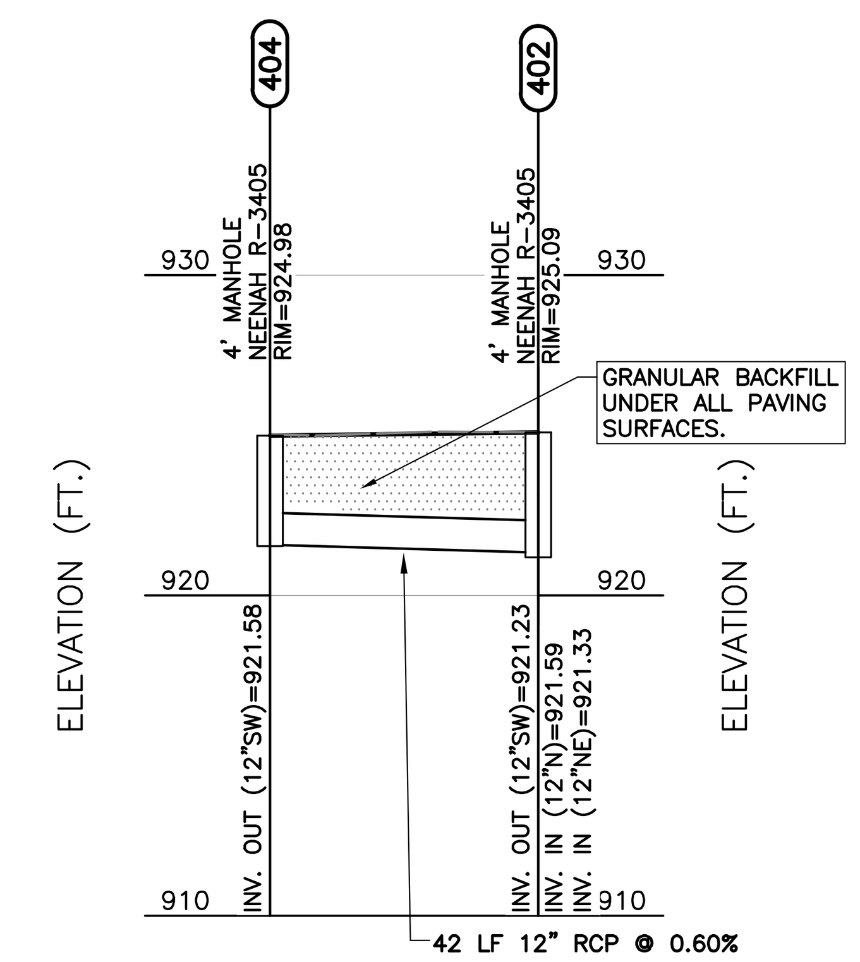




EAST ALIGNMENT PROFILE

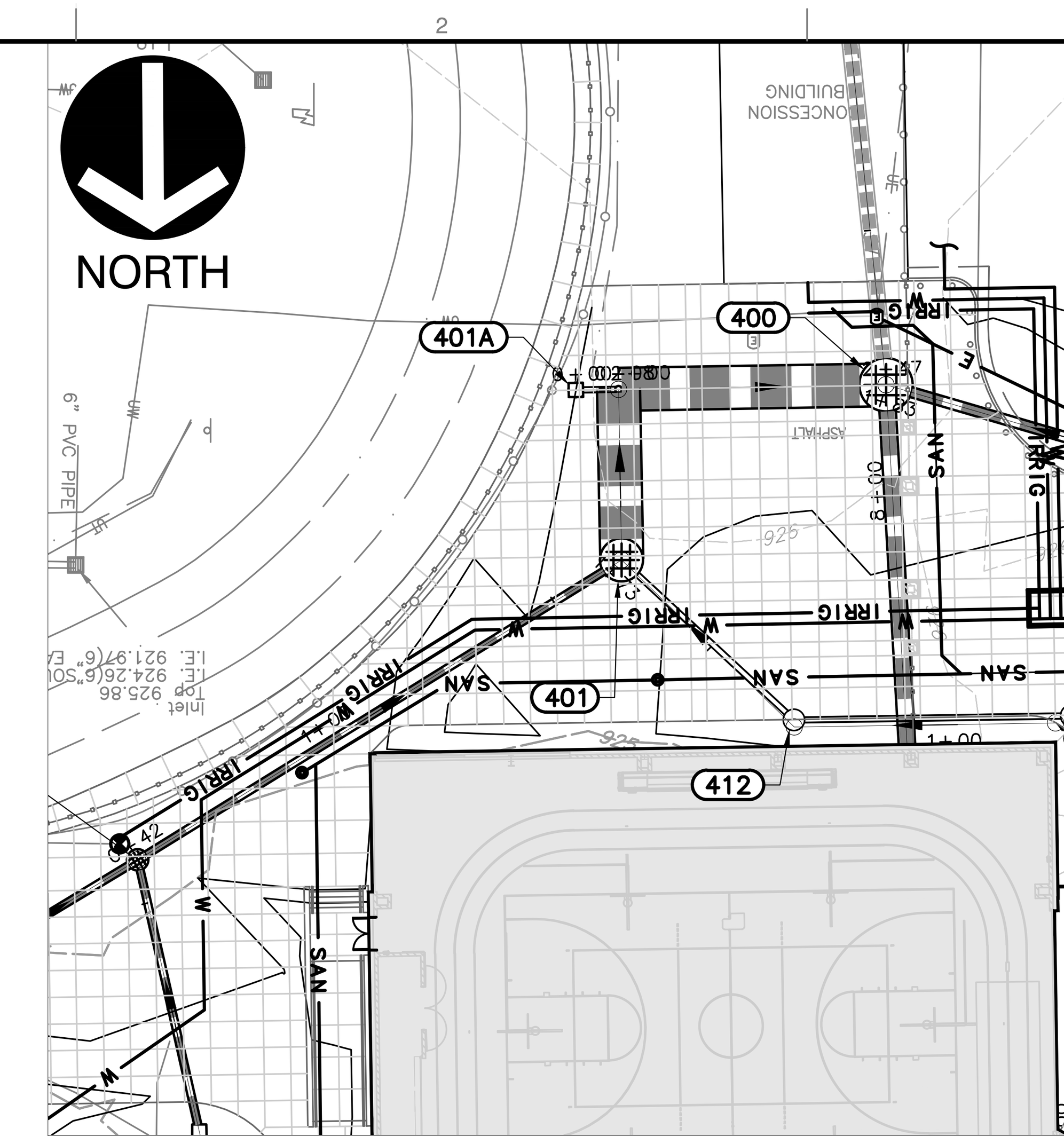
SCALE H:1"=30'; V:1"=6'

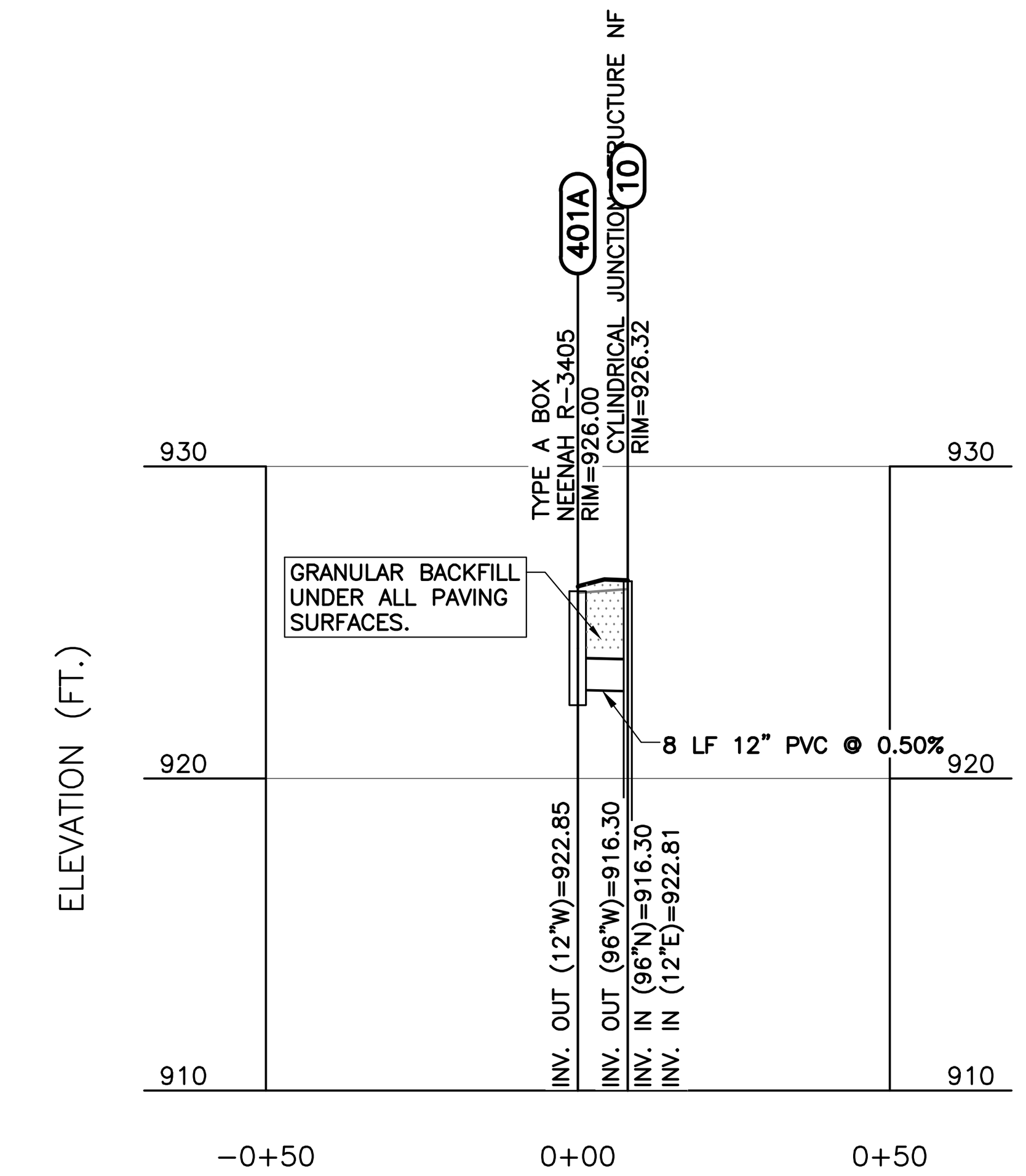




EAST ALIGNMENT 2 PROFILE

SCALE H:1"=30'; V:1"=6'





EAST ALIGNMENT 3 PROFILE

SCALE H:1"=30'; V:1"=6'

SCALE IN FEET (HORIZONTAL) 0 30' 60'

SCALE IN FEET (VERTICAL) 0 6' 12'

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JONATHAN M. PASYK REGISTERED No. PE12100829 STATE OF INDIANA PROFESSIONAL ENGINEER 02/15/2024

REVISION RECORD

NO.	DATE	DESCRIPTION
1	02/15/2024	ADDENDUM #1

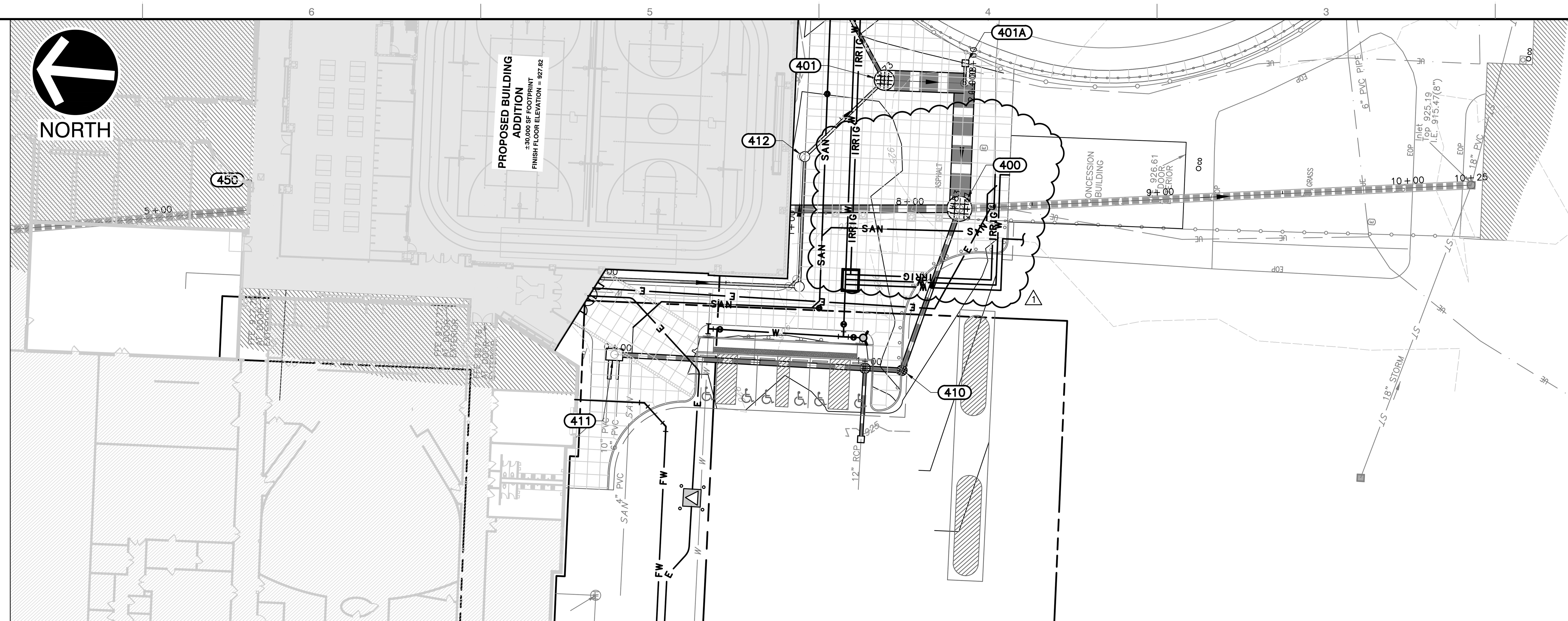
CEC Civil & Environmental Consultants, Inc.
530 E. Ohio Street · Suite G · Indianapolis, IN 46204
317-655-7777 · 877-746-0749
www.cecinc.com

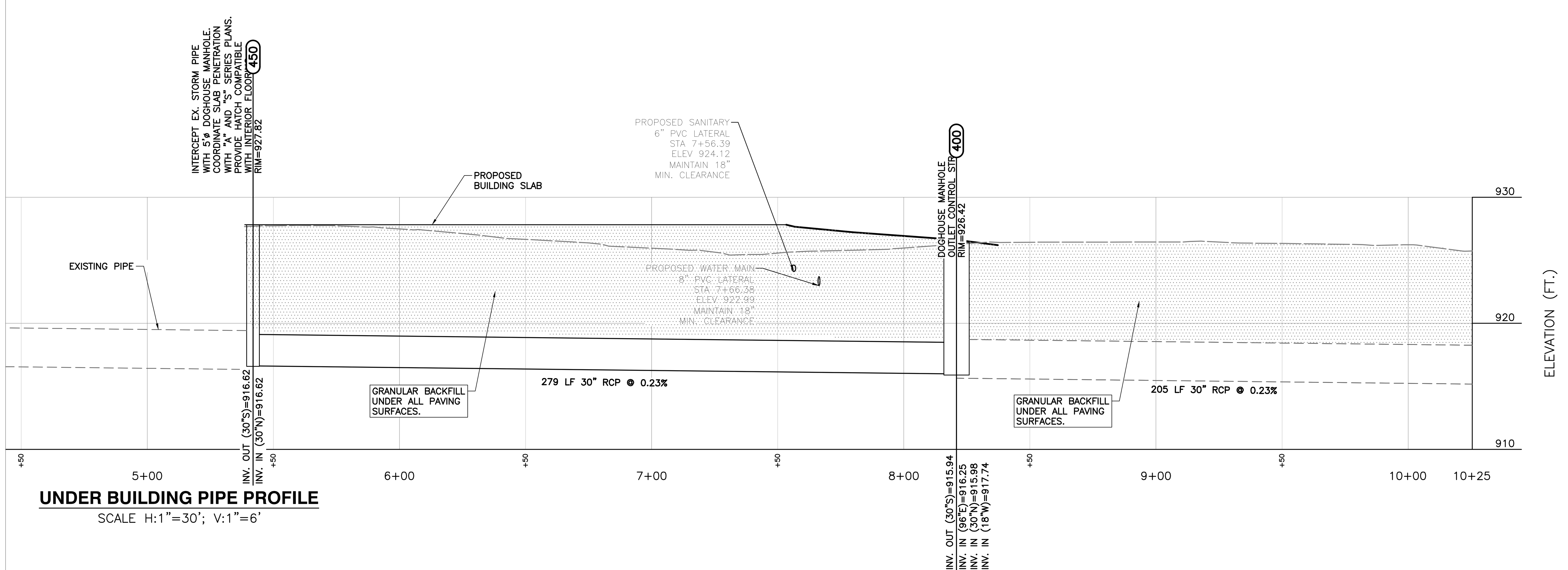
YORKTOWN HIGH SCHOOL ATHLETICS BUILDING ADDITION
1100 S TIGER DRIVE
YORKTOWN, INDIANA 47396

DRAINAGE PROFILE

DATE:	JANUARY 26, 2023	DRAWN BY:	SRD
DWG SCALE:	1"=20'	CHECKED BY:	JMP
PROJECT NO:	335-919	APPROVED BY:	DRAFT

DRAWING NO.: C401





UNDER BUILDING PIPE PROFILE

SCALE H:1"=30'; V:1"=6'

SCALE IN FEET (HORIZONTAL) 0 30' 60'

SCALE IN FEET (VERTICAL) 0 6' 12'

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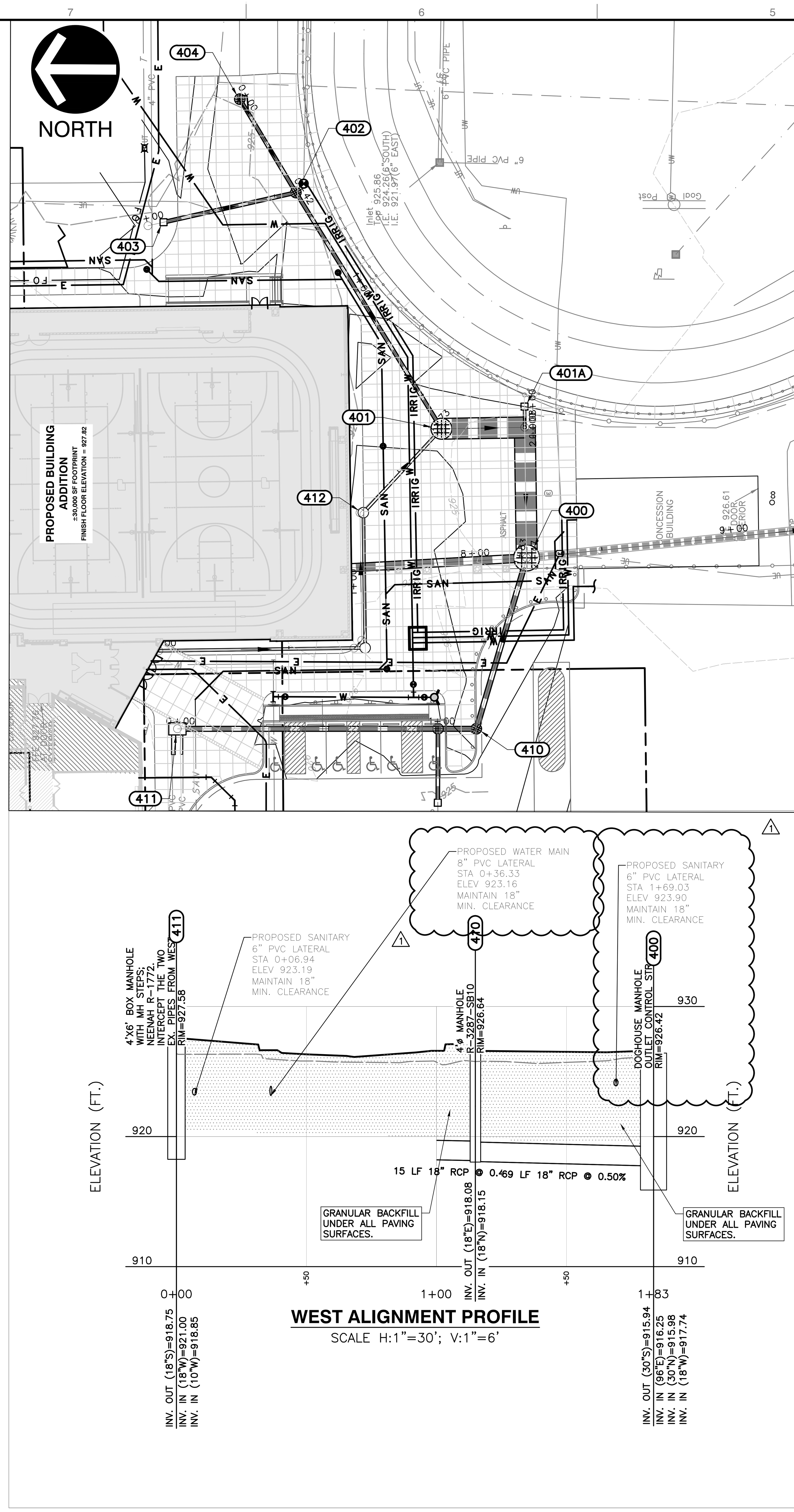
1100 S TIGER DRIVE
YORKTOWN, INDIANA 47396

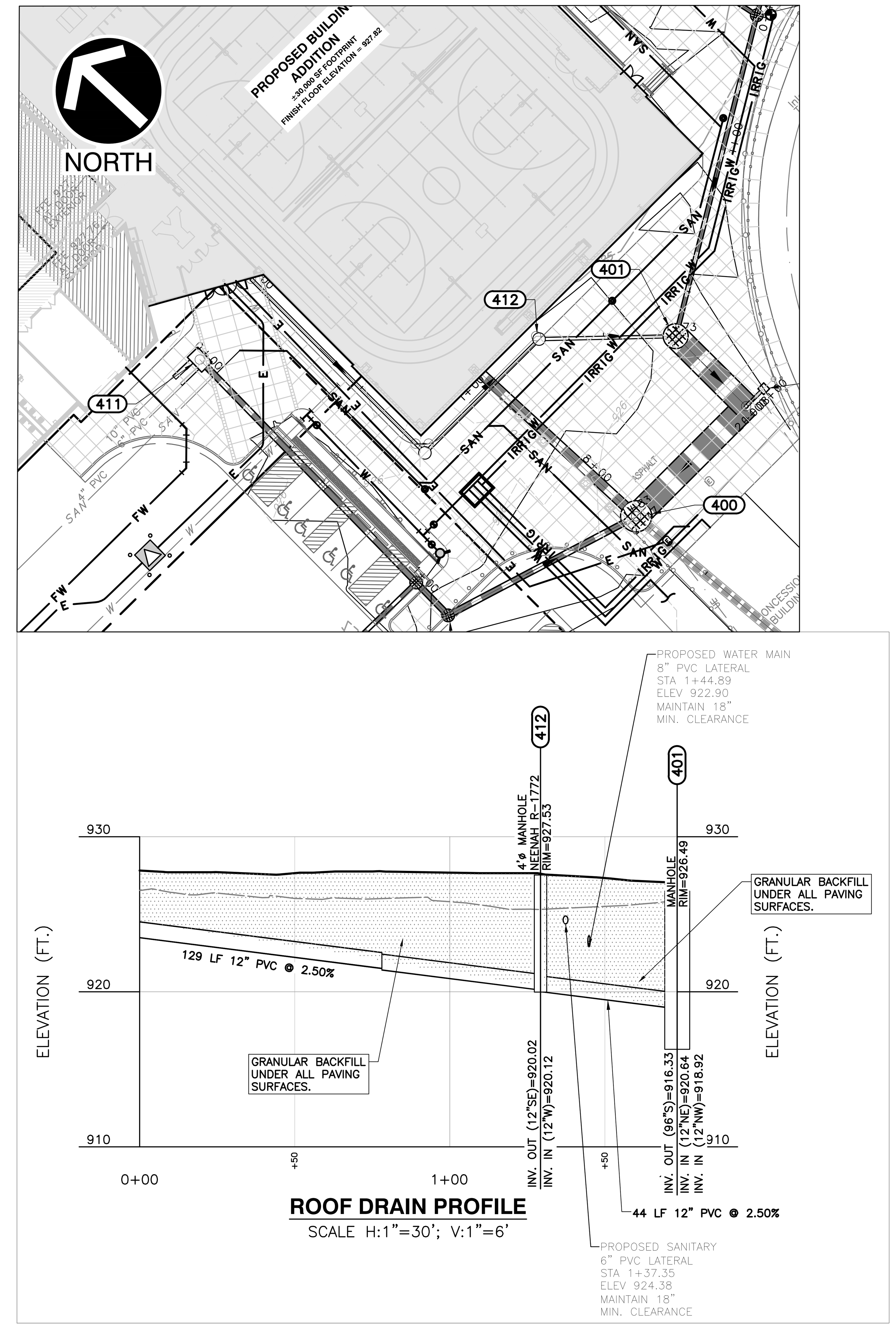
DRAINAGE PROFILE

DATE:	JANUARY 26, 2023	DRAWN BY:	SRD
DWG SCALE:	1"=20'	CHECKED BY:	JMP
PROJECT NO:	335-919	APPROVED BY:	DRAFT

DRAWING NO.: C402

SHEET OF





SCALE IN FEET (HORIZONTAL) 0 30' 60'

SCALE IN FEET (VERTICAL) 0 6' 12'

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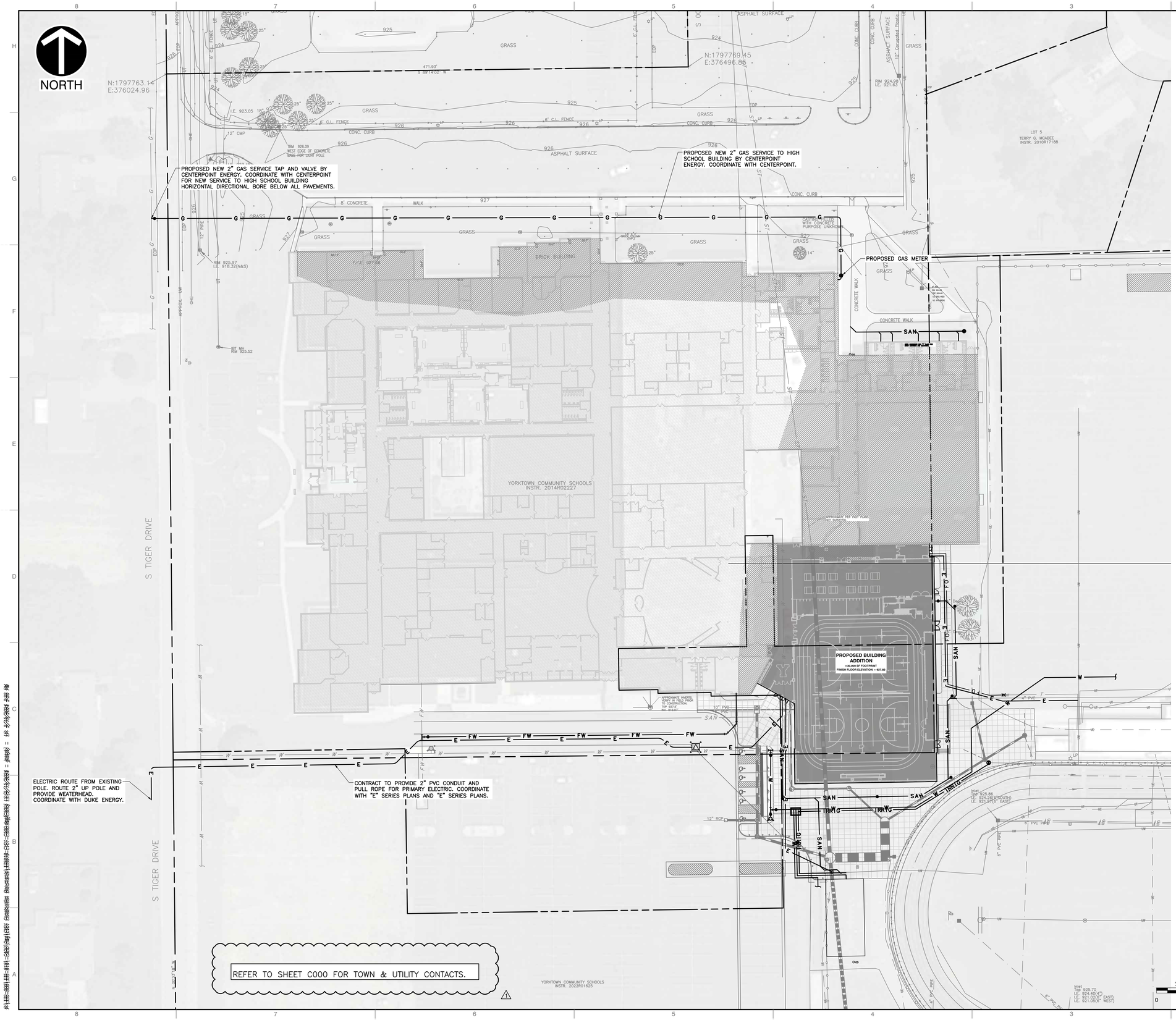
YORKTOWN, INDIANA 47396

DRAINAGE PROFILE

DATE:	JANUARY 26, 2023	DRAWN BY:	SRD
DWG SCALE:	1"=20'	CHECKED BY:	JMP
PROJECT NO:	335-919	APPROVED BY:	DRAFT

DRAWING NO.: C403
SHEET OF



GENERAL UTILITY NOTES:

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13. WATER AND FIRE SERVICE SIZES AND CONNECTION LOCATIONS SHALL BE COORDINATED WITH THE MECHANICAL, ELECTRICAL AND PLUMBING PLANS.

UTILITY LEGEND:

- PROPOSED STORM SEWER LINE
- PROPOSED SANITARY LINE
- PROPOSED ELECTRIC LINE
- PROPOSED TELEPHONE LINE
- PROPOSED FIBER OPTIC LINE
- PROPOSED GAS LINE
- PROPOSED WATER LINE
- PROPOSED OVERHEAD UTILITY LINE
- PROPOSED CONDUIT
- PROPOSED LIGHT POLE
- PROPOSED WALL MOUNTED FDC, HYDRANT, WALL PIV, WATER VALVE, FREE STANDING FDC
- PROPOSED SANITARY MANHOLE, CLEAN OUT
- PROPOSED ELECTRIC TRANSFORMER

SURVEY NOTE:

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

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

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FLOOD NOTE:

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 INSURANCE RATE MAP.

Know what's below. Call before you dig.

JONATHAN M. PAST REGISTERED No. PE12100829 STATE OF INDIANA PROFESSIONAL ENGINEER
02/15/2024

REVISION RECORD

NO	DATE	DESCRIPTION

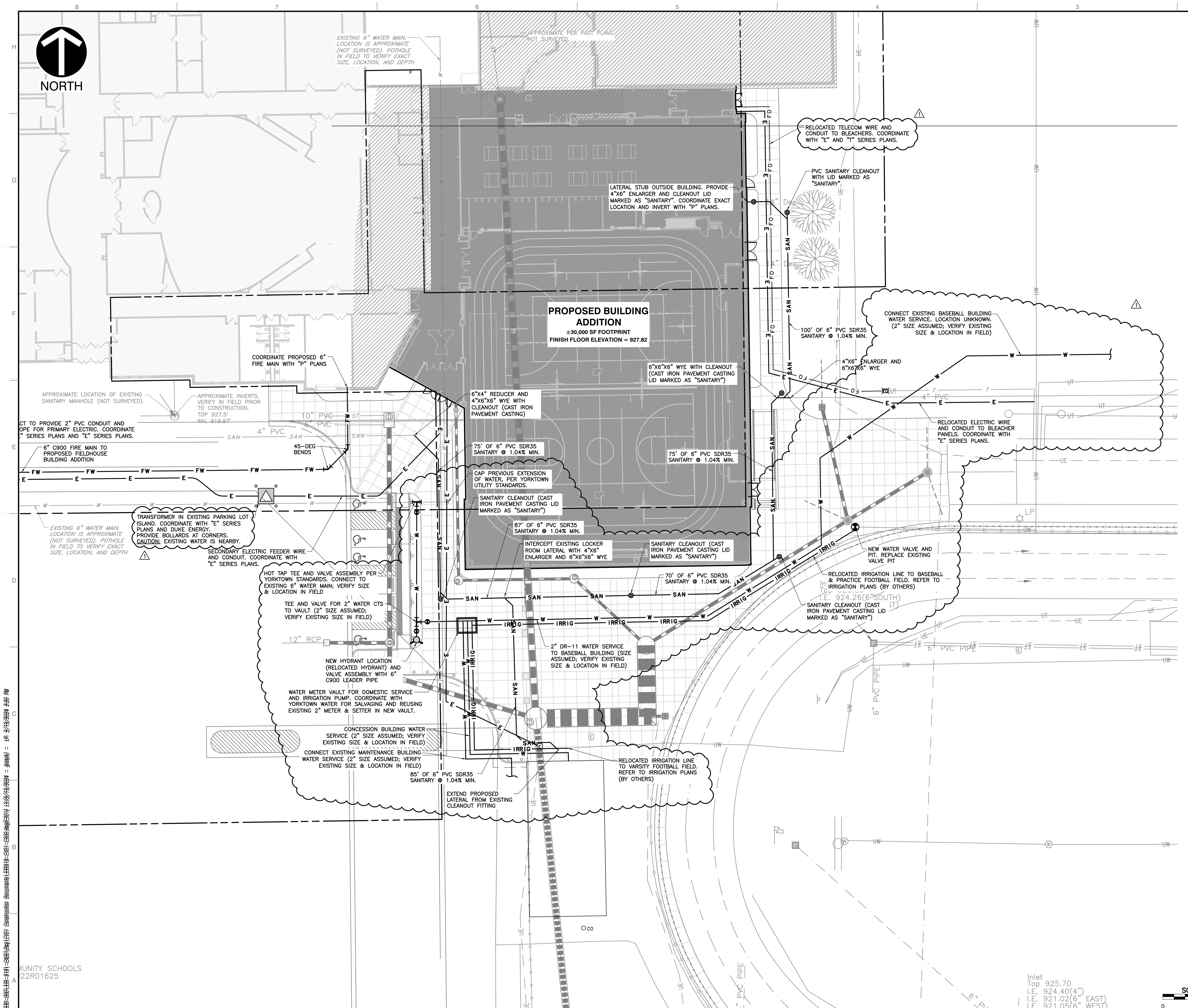
Civil & Environmental Consultants, Inc.
530 E. Ohio Street · Suite G · Indianapolis, IN 46204
317-655-7777 · 877-746-0749
www.cecinc.com

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

OVERALL UTILITY PLAN

DATE:	JANUARY 26, 2023
DWG SCALE:	1" = 40'
PROJECT NO:	335-919
APPROVED BY:	DRAFT
DRAWN BY:	SRD
CHECKED BY:	JMP

DRAWING NO.: C500
SHEET OF



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UTILITY LEGEND:

Symbol	Description
	PROPOSED STORM SEWER LINE
SAN	PROPOSED SANITARY LINE
E	PROPOSED ELECTRIC LINE
T	PROPOSED TELEPHONE LINE
FO	PROPOSED FIBER OPTIC LINE
G	PROPOSED GAS LINE
W	PROPOSED WATER LINE
OH-W	PROPOSED OVERHEAD UTILITY LINE
	PROPOSED CONDUIT
	PROPOSED LIGHT POLE
	PROPOSED WALL MOUNTED FDC, HYDRANT, WALL PIV, WATER VALVE, FREE STANDING FDC
	PROPOSED SANITARY MANHOLE, CLEAN OUT
	PROPOSED ELECTRIC TRANSFORMER

SURVEY NOTE:

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

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SCALE IN FEET: 0 40' 80'

Indiana 811 — Know what's below. Call before you dig.

JONATHAN M. PASYK, REGISTERED No. PE12100829, STATE OF INDIANA, PROFESSIONAL ENGINEER — 02/15/2024

REVISION RECORD

NO	DATE	DESCRIPTION
1	02/15/2024	ADDENDUM #1

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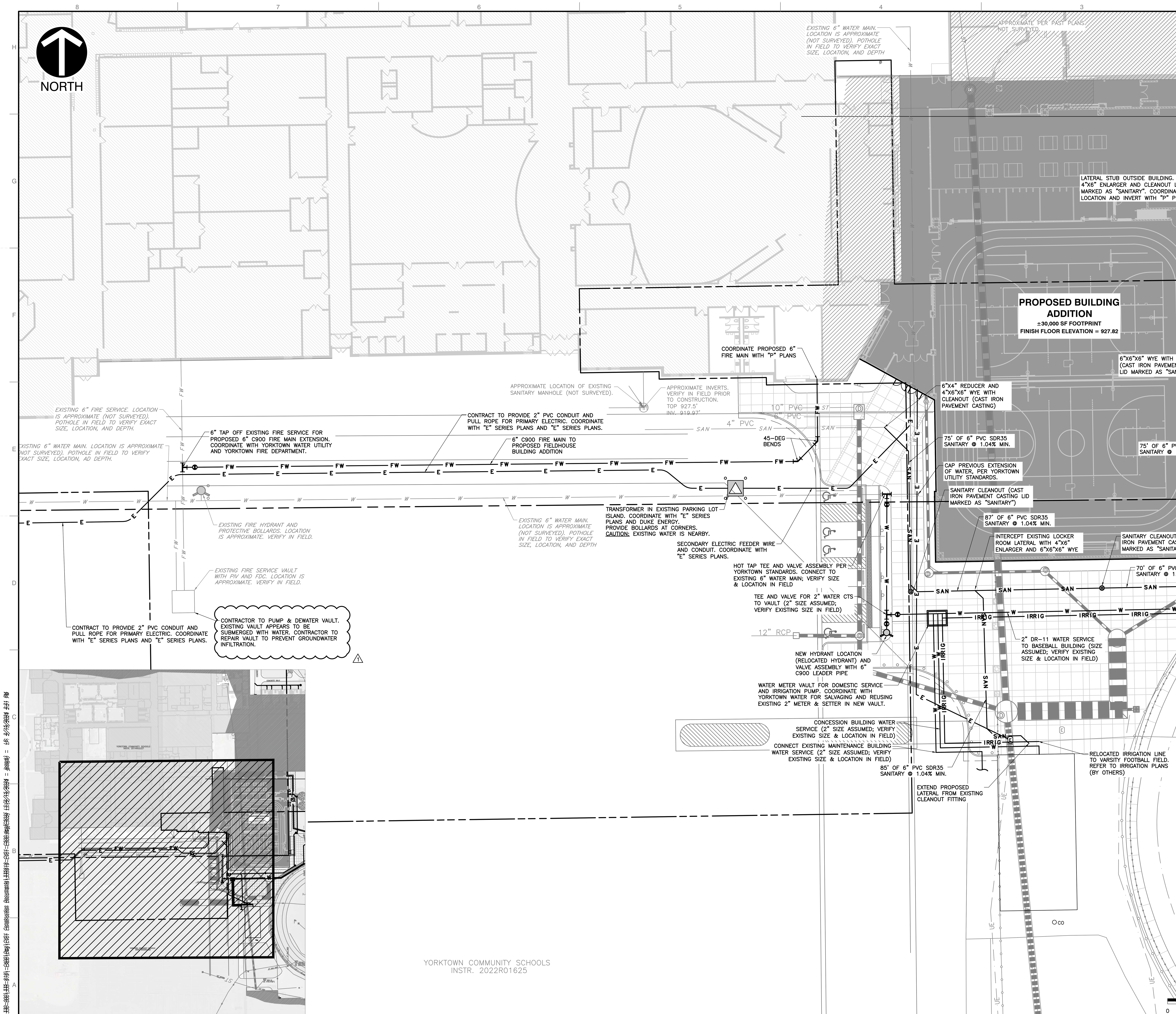
YORKTOWN HIGH SCHOOL ATHLETICS BUILDING ADDITION
1100 S TIGER DRIVE
YORKTOWN, INDIANA 47396

UTILITY PLAN

DATE:	JANUARY 26, 2023	DRAWN BY:	SRD
DWG SCALE:	1"=20'	CHECKED BY:	JMP
PROJECT NO:			335-919
APPROVED BY:			DRAFT

DRAWING NO.: C501



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UTILITY LEGEND:

(storm line symbol)	PROPOSED STORM SEWER LINE
—— SAN ——	PROPOSED SANITARY LINE
—— E ——	PROPOSED ELECTRIC LINE
—— T ——	PROPOSED TELEPHONE LINE
—— FO ——	PROPOSED FIBER OPTIC LINE
—— G ——	PROPOSED GAS LINE
—— W ——	PROPOSED WATER LINE
—— OH-W ——	PROPOSED OVERHEAD UTILITY LINE
= = = = =	PROPOSED CONDUIT
(symbol)	PROPOSED LIGHT POLE
(symbols)	PROPOSED WALL MOUNTED FDC, HYDRANT, WALL PIV, WATER VALVE, FREE STANDING FDC
(S) (symbol)	PROPOSED SANITARY MANHOLE, CLEAN OUT
(symbol)	PROPOSED ELECTRIC TRANSFORMER

SURVEY NOTE:

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PHONE: (765) 282-5594
TRANSMITTAL DATE: 05-22-2022

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UTILITY NOTE:

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FLOOD NOTE:

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 INSURANCE RATE MAP.

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JONATHAN M. PASYK REGISTERED No. PE12100829 STATE OF INDIANA PROFESSIONAL ENGINEER 02/15/2024

REVISION RECORD

NO	DATE	DESCRIPTION
1	02/15/2024	ADDENDUM #1

Civil & Environmental Consultants, Inc.
530 E. Ohio Street - Suite G - Indianapolis, IN 46204
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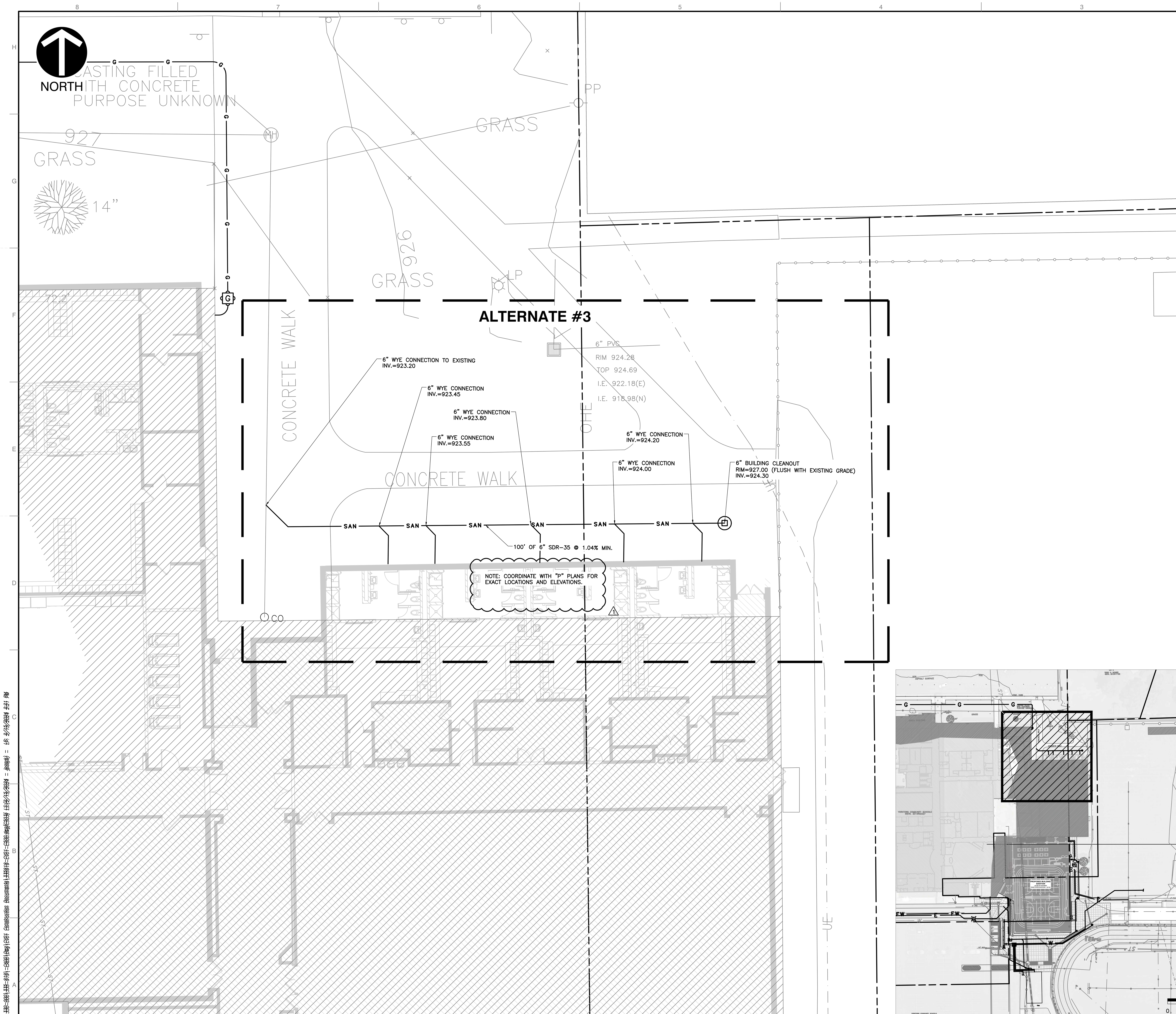
YORKTOWN HIGH SCHOOL
ATHLETICS BUILDING ADDITION
1100 S TIGER DRIVE
YORKTOWN, INDIANA 47396

UTILITY PLAN

DATE:	JANUARY 26, 2023	DRAWN BY:	SRD
DWG SCALE:	1"=10'	CHECKED BY:	JMP
PROJECT NO:	335-919	APPROVED BY:	DRAFT

DRAWING NO.: C502
SHEET OF



GENERAL UTILITY NOTES:

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 THESE PLANS.
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 BE REMOVED DURING CONSTRUCTION WITHOUT UNDUE INTERRUPTION OF SERVICE MAY BE REMOVED AND REPLACED BY THE CONTRACTOR, AT HIS EXPENSE WITH THE PERMISSION OF THE OWNER.
3. BEFORE WORKING WITH OR AROUND EXISTING UTILITIES, THE APPLICABLE UTILITY COMPANY SHALL BE CONTACTED BY THE CONTRACTOR.
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 OR EXACTLY LOCATED.
6. ALL NEW WATER LINES SHALL HAVE A MINIMUM OF 54 INCHES OF COVER.
7. 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 TEN FEET OF THE WATER LINE.
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 THE DEFLECTION STANDARDS OF ASTM D-3303.
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 AND QUANTITIES.
13. WATER AND FIRE SERVICE SIZES AND CONNECTION LOCATIONS SHALL BE COORDINATED WITH THE MECHANICAL, ELECTRICAL AND PLUMBING PLANS.

UTILITY LEGEND:

Symbol	Description
	PROPOSED STORM SEWER LINE
SAN	PROPOSED SANITARY LINE
E	PROPOSED ELECTRIC LINE
T	PROPOSED TELEPHONE LINE
FO	PROPOSED FIBER OPTIC LINE
G	PROPOSED GAS LINE
W	PROPOSED WATER LINE
OH-W	PROPOSED OVERHEAD UTILITY LINE
	PROPOSED CONDUIT
	PROPOSED LIGHT POLE
	PROPOSED WALL MOUNTED FDC, HYDRANT, WALL PIV, WATER VALVE, FREE STANDING FDC
S	PROPOSED SANITARY MANHOLE, CLEAN OUT
	PROPOSED ELECTRIC TRANSFORMER

SURVEY NOTE:

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

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

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JONATHAN M. PASYK
REGISTERED
No. PE12100829
STATE OF INDIANA
PROFESSIONAL ENGINEER
02/15/2024

REVISION RECORD

NO	DATE	DESCRIPTION
1	02/15/2024	ADDENDUM #1

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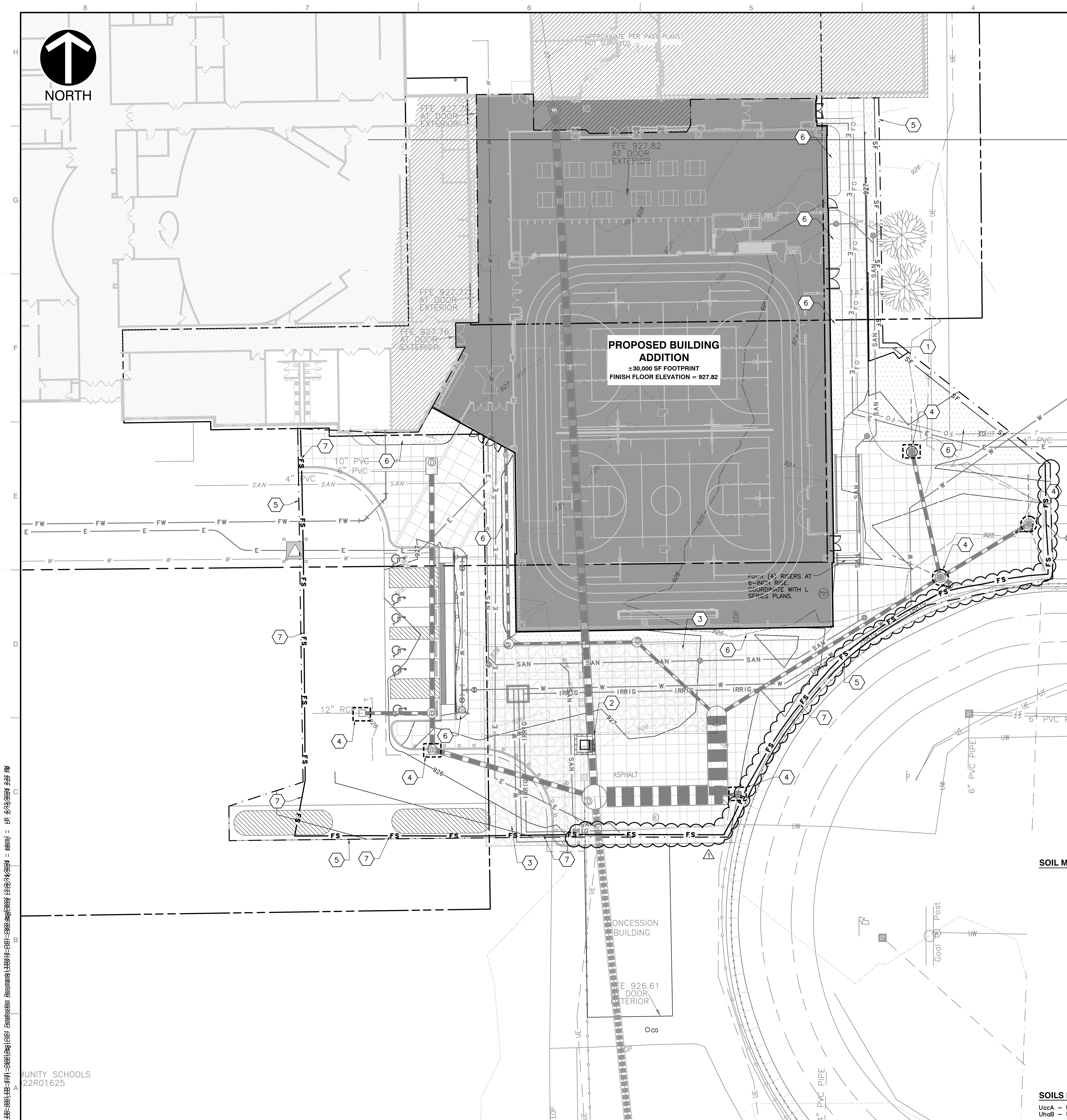
YORKTOWN HIGH SCHOOL ATHLETICS BUILDING ADDITION
1100 S TIGER DRIVE
YORKTOWN, INDIANA 47396

UTILITY PLAN ALTERNATE #3

DATE:	JANUARY 26, 2023	DRAWN BY:	SRD
DWG SCALE:	1"=10'	CHECKED BY:	JMP
PROJECT NO:	335-919		
APPROVED BY:			DRAFT

DRAWING NO.: C503
SHEET OF



GENERAL EROSION CONTROL NOTES:

1. CONTRACTOR SHALL INSTALL ALL REQUIRED SILT FENCES, SILT TRAPS, TREE PROTECTION AND INLET PROTECTION FOR EXISTING INLETS PRIOR TO THE START OF ANY EARTH MOVING OR STRIPPING.
2. CONTRACTOR SHALL INSTALL A STONE CONSTRUCTION ENTRANCE OR SOME OTHER DEVICE PRIOR TO THE START OF EARTHWORK AS NECESSARY TO PREVENT SOIL FROM BEING TRACKED OR WASHED INTO EXISTING ROADWAYS.
3. LAND ALTERATIONS WHICH STRIP THE LAND OF VEGETATION, INCLUDING REGRADING, SHALL BE DONE IN A WAY THAT WILL MINIMIZE EROSION. WHENEVER FEASIBLE, NATURAL VEGETATION SHALL BE RETAINED AND PROTECTED. AS GRADING IS DONE, INSTALL SILT TRAPS, SILT FENCES, SLOPE DRAINS, TEMPORARY DIVERSIONS AND OTHER RUNOFF CONTROL MEASURES AT APPROPRIATE LOCATIONS TO KEEP SEDIMENT CONTAINED ON SITE.
4. ALL DISTURBED AREAS SHALL BE SEEDED AND STRAW MULCHED AS SHOWN ON THE PLANS IMMEDIATELY AFTER COMPLETION OF GROUND ACTIVITY. FOR LARGE PROJECTS, THIS SEEDING SHOULD BE COMPLETED IN PHASES AS THE DIFFERENT AREAS OF THE SITE ARE COMPLETED.
5. PERMANENT AND FINAL VEGETATION OR STRUCTURAL EROSION CONTROL DEVICES SHALL BE INSTALLED AS SOON AS PRACTICAL UNDER THE CIRCUMSTANCES.
6. THE DURATION OF TIME WHICH AN AREA REMAINS EXPOSED SHALL BE KEPT TO A PRACTICAL MINIMUM DEPENDING UPON THE WEATHER. IF CONSTRUCTION ACTIVITY IS TO CEASE FOR MORE THAN TWO WEEKS, THE DISTURBED AREAS SHALL BE TEMPORARILY SEEDED.
7. ALL STORM SEWER INLET PROTECTION DEVICES SHALL BE PUT IN PLACE AT THE TIME EACH INLET IS CONSTRUCTED.
8. THE CONTRACTOR SHALL MAINTAIN EROSION CONTROL MEASURES AND DEVICES DURING CONSTRUCTION AND UNTIL SILTATION OF THE STREETS AND STORM SEWERS WILL NO LONGER OCCUR.
9. ONCE ONSITE EROSION AND SILTATION OF THE STREETS AND STORM SEWERS WILL NO LONGER OCCUR, THE CONTRACTOR SHALL REMOVE AND DISPOSE OF THE TEMPORARY EROSION CONTROL DEVICES.
10. THESE GENERAL PROCEDURES MAY NOT COVER ALL SITUATIONS. REFER TO EROSION CONTROL PLANS FOR SPECIFIC NOTES AND ADDITIONAL DETAILS.
11. DISTURBED AREAS LEFT IDLE OR SCHEDULED TO BE LEFT INACTIVE SHALL BE TEMPORARILY OR PERMANENTLY STABILIZED. STABILIZATION SHALL BE INITIATED BY THE END OF THE SEVENTH DAY (7) THE AREA IS LEFT IDLE AND COMPLETED WITHIN FOURTEEN (14) DAYS AFTER INITIATION.
12. EROSION CONTROL TO COMPLY WITH CONSTRUCTION STORMWATER GENERAL PERMIT (CSGP) AND INDIANA STORMWATER QUALITY MANUAL.
13. ADDITIONAL EROSION CONTROL MEASURES MAY BE REQUIRED IN THE FIELD BY THE TOWN OR COUNTY'S SWPPP INSPECTOR.
14. IF DEWATERING IS DETERMINED NECESSARY INFORM THE ENGINEER AND MUNCIE SANITARY DISTRICT STORMWATER MANAGEMENT DEPARTMENT.
15. A PRE-CONSTRUCTION MEETING WITH MUNCIE SANITARY DISTRICT AND STORMWATER MANAGEMENT DEPARTMENT IS REQUIRED. △1

SWPPP LEGEND:

- PROPOSED GRAVEL CONSTRUCTION ENTRANCE
- PROPOSED EROSION CONTROL BLANKET
- PROPOSED RIPRAP
- TEMPORARY SEEDING AREAS
- PROPOSED LIMITS OF DISTURBANCE
- SF — PROPOSED SILT FENCE
- FS — PROPOSED FILTER SOCK
- PROPOSED DITCH
- MAJOR STORMWATER DISCHARGE POINT
- PROPOSED INLET PROTECTION
- PROPOSED CONCRETE WASHOUT

SWPPP ITEMS:

1. SILT FENCE; SEE DETAILS ON SHEET C902.
2. CONCRETE WASHOUT; SEE DETAILS ON SHEET C902.
3. TEMPORARY GRAVEL CONSTRUCTION ENTRANCE; SEE DETAILS ON SHEET C902.
4. INLET PROTECTION; SEE DETAILS ON SHEET C902.
5. LIMITS OF CONSTRUCTION
6. TEMPORARY/PERMANENT SEEDING AREAS PER GENERAL EROSION CONTROL NOTE #11; SEE CHART ON SHEET C902
7. FILTER SOCK; SEE DETAILS ON SHEET C902.

SOIL MAP:

SOILS MAP LEGEND

UccA – Urban Land–Crosby–Treaty Complex, 0 to 2 percent slopes.
UhaB – Urban Land–Wawaka–Miami Complex, 1 to 6 percent slopes.

SCALE IN FEET
0 20' 40'

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JONATHAN M. PASYK — REGISTERED — No. PE12100829 — STATE OF INDIANA — PROFESSIONAL ENGINEER — 02/15/2024

REVISION RECORD

NO	DATE	DESCRIPTION
△1	02/15/2024	ADDENDUM #1

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

STORMWATER POLLUTION PREVENTION PLAN

DATE:	JANUARY 26, 2023	DRAWN BY:	SRD
DWG SCALE:	1"=20'	CHECKED BY:	JMP
PROJECT NO:			335-919
APPROVED BY:			DRAFT

DRAWING NO.: **C900**
SHEET OF

ASSESSMENT OF CONSTRUCTION PLAN ELEMENTS (SECTION A)

(A1) INDEX OF THE LOCATION OF THE REQUIRED PLAN ELEMENTS IN THE CONSTRUCTION PLAN

THE PROPOSED EROSION CONTROL MEASURES CAN BE FOUND ON SHEET C900. THE CORRESPONDING EROSION CONTROL DETAILS ARE SHOWN ON C902. THE REQUIRED EROSION CONTROL CHECKLIST ITEMS ARE LISTED ON THIS SHEET.

(A2) A VICINITY MAP DEPICTING THE PROJECTS SITE LOCATION

THE VICINITY MAP SHOWING THE PROJECT LOCATION CAN BE SEEN ON COVER SHEET.

(A3) NARRATIVE OF THE NATURE AND PURPOSE OF THE PROJECT

THIS PROJECT CONSISTS OF NEW ATHLETIC BUILDING ADDITION AND ASSOCIATED SITE IMPROVEMENTS LOCATED IN S TIGER DRIVE, YORKTOWN, IN.

(A4) LATITUDE AND LONGITUDE TO THE NEAREST FIFTEEN (15) SECONDS

LONGITUDE: 85° 29' 37" W LATITUDE: 40° 10' 56" N

(A5) LEGAL DESCRIPTION

A LEGAL DESCRIPTION IS SHOWN ON THE COVER SHEET INCLUDED WITH THIS CONSTRUCTION SET.

(A6) 11X17-INCH PLAT SHOWING BUILDING LOT NUMBERS/BOUNDARIES AND ROAD LAYOUT/NAMES

SEE LOT BOUNDARY ON THE EXISTING CONDITIONS PLAN,

(A7) BOUNDARIS OF THE ONE HUNDRED (100) YEAR FLOODPLAINS, FLOODWAY FRINGES, AND FLOODWAYS

THE SITE IS NOT WITHIN A FLOODPLAIN OR FLOODWAY.

(A8) LAND USE OF ALL ADJACENT PROPERTIES

THE EXISTING LAND USES ADJACENT TO THE SITE ARE AS FOLLOWS:

NORTH:	OFFICE COMMERCIAL
WEST:	SINGLE FAMILY MEDIUM DENSITY
SOUTH:	SINGLE FAMILY MEDIUM DENSITY
EAST:	SINGLE FAMILY MEDIUM DENSITY

(A9) IDENTIFICATION OF A U.S. EPA APPROVED OR ESTABLISHED TMDL (TOTAL MAXIMUM DAILY LOAD)

THE PROJECT DISCHARGES INTO THE WHITE RIVER WEST FORK.

(A10) NAME(S) OF THE RECIEVING WATER(S)

THE PROJECT ULTIMATELY DISCHARGES INTO THE WHITE RIVER WEST FORK.

(A11) IDENTIFICATION OF DISCHARGES TO A WATER ON THE CURRENT 303(d) LIST OF IMPAIRED WATERS AND THE POLLUTANT(S) FOR WHICH IT IS IMPAIRED

THE PROJECT ULTIMATELY DISCHARGES INTO THE WHITE RIVER WEST FORK THAT IS CURRENTLY ON THE 303(d) LIST OF IMPAIRED WATERS WITH THE POLLUTANT OF E. COLI.

(A12) SOIL MAP OF THE PREDOMINATE SOIL TYPES

SEE BELOW FOR SOIL MAP

SOIL MAPS FROM THE UNITED STATES DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE,

SOIL LEGEND

UccA – Urban Land–Crosby–Treaty Complex, 0 to 2 percent slopes.
UhaB – Urban Land–Wawaka–Miami Complex, 1 to 6 percent slopes.

(A13) IDENTIFICATION AND LOCATIONOF ALL KNOWN WETLANDS, LAKES, AND WATER COURSES ON OR ADJACENT TO THE PROJECT SITE (CONSTRUCTION PLAN, EXISTING SITE LAYOUT)

THERE ARE NO WETLANDS ON OR ADJACENT TO THE IMMEDIATE PROJECT BOUNDARY.

(A14) IDENTIFICATION OF ANY OTHER STATE OR FEDERAL WATER QUALITY PERMITS OR AUTHORIZATIONS THAT ARE REQUIRED FOR CONSTRUCTION ACTIVITIES

AN IDEM CONSTRUCTION STORMWATER GENERAL PERMIT (CSGP) NOTICE OF INTENT (NOI) PERMIT WILL BE REQUIRED FOR THIS PROJECT.

(A15) IDENTIFICATION AND DELINEATION OF EXISTING COVER, INCLUDING NATURAL BUFFERS

THE EXISTING SITE CONTAINS GRASS GROUND COVER, HARDSCAPE, AND BUIILDING.

(A16) EXISTING SITE TOPOGRAPHY AT AN INTERVAL APPROPRIATE TO INDICATE DRAINAGE PATTERNS

REFER TO EXISTING TOPOGRAPHY SURVEY AND DRAINAGE PLAN, SHEET C400.

(A17) LOCATION(S) WHERE RUN-OFF ENTERS THE PROJECT SITE

THE STORMWATER FROM ROOF AND PARKING LOTS COLLECTS AND DRAINS TO PROPOSED STORM SEWER SYSTEM. NO OFF–SITE WATER WILL ENTER THE PROJECT SITE. REFER TO SHEET C400

(A18) LOCATION(S) WHERE RUN-OFF DISCHARGES FROM THE PROJECT SITE PRIOR TO LAND DISTURBANCE

THE STORMWATER FROM EXISTING CONDITIONS SHEET FLOW AND DRAINS INTO THE EXISTING INLETS LOCATED THROUGHOUT THE SITE BEFORE DISCHARGING INTO THE WHITE RIVER.

(A19) LOCATION OF ALL EXISTING STRUCTURES ON THE PROJECT SITE

REFER TO EXISTING TOPOGRAPHY SURVEY

(A20) EXISTING PERMANENT RETENTION OR DETENTION FACILITIES, INCLUDING MANMADE WETLANDS, DESIGNED FOR THE PURPOSE OF STORMWATER MANAGEMENT

REFER TO EXISTING TOPOGRAPHY SURVEY PLAN.

(A21) LOCATIONS WHERE STORMWATER MAY BE DIRECTLY DISCHARGED INTO GROUND WATER, SUCH AS ABANDONED WELLS, SINKHOLES, OR KARST FEATURES

THERE ARE NO SINKHOLES OR UNCAPPED ABANDONED WELLS LOCATED ON THE PROJECT SITE OR DOWNSTREAM OF THE PROJECT SITE.

(A22) SIZE OF THE PROJECT AREA EXPRESSED IN ACRES

APPROXIMATELY 1.36 ACRES.

(A23) TOTAL EXPECTED LAND DISTURBANCE EXPRESSED IN ACRES

THE OVERALL DISTURBED AREA IS APPROXIMATELY 1.36 ACRES. REFER TO SHEET C900.

(A24) PROPOSED FINAL TOPOGRAPHY

REFER TO SHEET C300.

(A25) LOCATIONS AND APPROXIMATE BOUNDARIES OF ALL DISTURBED AREAS

REFER TO LIMITS OF DISTURBANCE ON SHEET C900

(A26) LOCATIONS, SIZE, AND DIMENTIONS OF ALL STORMWATER DRAINAGE SYSTEMS SUCH AS CULVERTS, STORMWATER SEWER, AND CONVEYANCE CHANNELS

REFER TO SHEET C400.

(A27) LOCATIONS OF SPECIFIC POINTS WHERE STORMWATER AND NON-STORMWATER DISCHARGES WILL LEAVE THE PROJECT SITE

REFER TO SHEET C900 AND C400.

(A28) LOCATION OF ALL PROPOSED SITE IMPROVEMENTS, INCLUDING ROADS, UTILITIES, LOT DELINEATION AND IDENTIFICATION, PROPOSED STRUCTURES, AND COMMON AREAS

THE PROJECT BOUNDARIES CAN BE SEEN ON SHEET C900.

(A29) LOCATION OF ALL ON-SITE AND OFF-SITE SOIL STOCKPILES AND BORROW AREAS

NO PERMANENT SOIL STOCKPILES ARE PLANNED FOR THIS DEVELOPMENT. IF TEMPORARY STOCKPILE OR BORROW AREAS ARE UTILIZED DURING CONSTRUCTION THAN THE PERIMETER OF THE STOCKPILE AREA SHALL BE ENCOMPASSED WITH SILT FENCE.

(A30) CONSTRUCTION SUPPORT ACTIVITIES THAT ARE EXPECTED TO BE PART OF THE PROJECT

MATERIAL STORAGE AND STAGING AREAS WILL BE UTILIZED ON PROJECT SITE.

(A31) LOCATION OF ANY IN-STREAM ACTIVITIES THAT ARE PLANNED FOR THE PROJECT INCLUDING, BUT NOT LIMITED TO, STREAM CROSSING AND PUMP AROUNDS

THERE ARE NO IN–STREAM ACTIVITIES PLANNED FOR THIS PROJECT.

ASSESSMENT OF STORMWATER POLLUTION PREVENTION PLAN CONSTRUCTION COMPONENT (SECTION B)

(B1) DESCRIPTION OF THE POTENTIAL POLLUTANT GENERATING SOURCES AND POLLUTANTS, INCLUDING ALL POTENTIAL NON-STORMWATER DISCHARGES

POTENTIAL POLLUTANTS SOURCES RELATIVE TO A CONSTRUCTION SITE MAY INCLUDE, BUT ARE NOT LIMITED TO MATERIAL AND FUEL STORAGE AREAS, FUELING LOCATIONS, EXPOSED SOILS AND LEAKING VEHICLE/EQUIPMENT. POTENTIAL POLLUTANTS THAT MAY APPEAR AT THE SITE DUE TO CONSTRUCTION ACTIVITIES INCLUDE, BUT ARE NOT LIMITED TO DIESEL FUEL, GASOLINE, CONCRETE AND CONCRETE WASHOUT, SOLID WASTE, SEDIMENT, PAINT AND SOLVENTS, EQUIPMENT REPAIR PRODUCTS, ANTI–FREEZE AND FERTILIZER.

(B2) STABLE CONSTRUCTION ENTRANCE LOCATIONS AND SPECIFICATIONS

THE LOCATION OF THE CONSTRUCTION ENTRANCE IS ON SHEET C900.

(B3) SPECIFICATIONS FOR TEMPORARY AND PERMANENT STABILIZATION

TEMPORARY SEEDING AND EROSION CONTROL MATTING WILL BE USED AS TEMPORARY SURFACE STABILIZATION MEASURES. DUE TO THE ACCELERATED CONSTRUCTION TIMELINE OF THIS PROJECT, TEMPORARY SEEDING SHOULD NOT BE NECESSARY. REFER TO SHEETS C900 FOR SEEDING AREAS.

APPLY SEED UNIFORMLY.

INSPECT 24 HOURS AFTER EACH RAIN EVENT AND OR AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.
USE PHOSPHOROUS FREE FERTILIZER (12–0–12) UNLESS SOIL TESTING SHOWS A NEED.

PERMANENT SEEDING WILL BE USED AS PERMANENT SURFACE STABILIZATION MEASURES. REFER TO SHEETS C900 FOR SEEDING AREAS. CONTRACTOR TO SEED ALL DISTURBED AREAS.

INSPECT 24 HOURS AFTER EACH RAIN EVENT AND OR AT LEAST ONCE EVERY SEVEN CALENDAR DAYS.
USE PHOSPHOROUS FREE FERTILIZER (12–0–12) UNLESS SOIL TESTING SHOWS A NEED.

(B4) SEDIMENT CONTROL MEASURES FOR CONCENTRATED FLOW AREAS

EROSION CONTROL BLANKET WILL BE USED AS EROSION CONTROL MEASURES FOR CONCENTRATED FLOWS. THE LOCATION, DETAILS, AND SPECIFICATIONS FOR EACH STATED CONCENTRATED FLOW MEASURE IS ON SHEETS C900 & C902.

(B5) SEDIMENT CONTROL MEASURES FOR SHEET FLOW AREAS

SILT FENCE, TEMPORARY SEEDING, FILTER SOCK AND EROSION CONTROL INLET PROTECTION WILL BE USED AS EROSION CONTROL MEASURES FOR SHEET FLOWS. THE LOCATION, DETAILS, AND SPECIFICATIONS FOR EACH STATED SEDIMENT CONTROL MEASURE IS ON SHEETS C900 & C902. △1

(B6) RUNOFF CONTROL MEASURES

N/A

(B7) STORMWATER OUTLET PROTECTION LOCATION AND SPECIFICATIONS

N/A

(B8) GRADE STABILIZATION STRUCTURE LOCATIONS AND SPECIFICATIONS

EROSION CONTROL BLANKETS WILL BE USED IN THIS PHASE ON GRADES GREATER THAN 3:1 AND/ OR EXPOSED TO CONCENTRATED FLOW. REFER TO CONSTRUCTION PLANS FOR LOCATIONS.

IF LIME STABILIZATION MEASURES ARE NEEDED DURING CONSTRUCTION TO OBTAIN COMPACTION. THE CONTRACTOR SHALL CONTAIN LIME FROM ENTERING EXISTING STORM SEWER SYSTEM BY ADEQUATELY CONTROLLING RUNOFF. CONTACT ENGINEER FOR SPECIFIC PLANS BASED ON THE AREA OF WORK.

(B9) DEWATERING APPLICATIONS AND MANAGEMENT METHODS

IF DEWATERING IS DETERMINED NECESSARY INFORM THE ENGINEER AND MUNCIE SANITARY DISTRICT STORMWATER MANAGEMENT DEPARTMENT. △1

(B10) MEASURES UTILIZED FOR WORK WITHIN WATERBODIES

NO WORK WILL BE OCCURRING WITHIN WATERBODIES.

(B11) MAINTENANCE GUIDELINES FOR EACH PROPOSED STORMWATER QUALITY SERVICE

EROSION CONTROL MEASURE	MAINTENANCE	INSTALLATION SEQUENCE
STONE ENTRANCE	AS NEEDED	PRIOR TO CLEARING AND GRADING
SILT FENCE	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	PRIOR TO CLEARING AND GRADING
PERMANENT SEEDING	WATER AS NEEDED	AFTER FINISH GRADING
EROSION CONTROL BLANKET	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	AFTER FINISH GRADING
SEED, SOD & LANDSCAPE AROUND	WATER AS NEEDED	AFTER FINISHED GRADING
DUST CONTROL	AS NEEDED	ALONG WITH ALL EARTHWORK ACTIVITIES
CONCRETE WASHOUT	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	PRIOR TO START OF ANY CONCRETE WORK
FILTER SOCK	WEEKLY, AFTER STORM EVENTS AND AS NEEDED	PRIOR TO CLEARING AND GRADING
REMOVAL OF FILTER SOCK	N/A	AFTER ALL AREAS DRAINING TO THESE AREAS ARE STABILIZED
REMOVAL OF INLET PROTECTION	N/A	AFTER ALL AREAS DRAINING TO THESE AREAS ARE STABILIZED
REMOVAL OF SILT FENCE	N/A	AFTER ALL AREAS DRAINING TO THESE AREAS ARE STABILIZED

* SEE CHART FOR MAINTENANCE REQUIREMENTS

EROSION CONTROL MEASURES MAINTENANCE REQUIREMENTS

SILT FENCE MAINTENANCE REQUIREMENTS:

1. INSPECT THE SILT FENCE PERIODICALLY AND AFTER EACH STORM EVENT.
2. IF FENCE TEARS, STARTS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED PORTION IMMEDIATELY.
3. REMOVE DEPOSITED SEDIMENT WHEN IT REACHES HALF OF THE HEIGHT OF THE FENCE AT ITS LOWEST POINT OR IS CAUSING THE FABRIC TO BULGE.
4. TAKE CARE TO AVOID UNDERMINING THE FENCE DURING CLEAN OUT.
5. AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE THE FENCE AND SEDIMENT DEPOSITS, BRING THE DISTURBED AREA TO GRADE, AND STABILIZE

FILTER SOCK MAINTENANCE REQUIREMENTS:

1. INSPECT THE FILTER SOCK PERIODICALLY AND AFTER EACH STORM EVENT.
2. IF SOCK TEARS, STARTS TO DECOMPOSE, OR IN ANY WAY BECOMES INEFFECTIVE, REPLACE THE AFFECTED PORTION IMMEDIATELY.
3. REMOVE DEPOSITED SEDIMENT WHEN IT REACHES 1/3 OF THE HEIGHT OF THE SOCK AT ITS LOWEST POINT OR IS CAUSING THE FABRIC TO BULGE.
4. TAKE CARE TO AVOID UNDERMINING THE SOCK DURING CLEAN OUT.
5. AFTER THE CONTRIBUTING DRAINAGE AREA HAS BEEN STABILIZED, REMOVE THE SOCK AND SEDIMENT DEPOSITS, BRING THE DISTURBED AREA TO GRADE, AND STABILIZE

△1

CONCRETE WASHOUT MAINTENANCE REQUIREMENTS:

1. INSPECT EACH CONCRETE WASHOUT AREAS DAILY AND AFTER STORM EVENTS OR HEAVY USE.
2. INSPECT THE INTEGRITY OF THE OVERALL STRUCTURE. CHECK FOR LEAKS, SPILLS OR TRACKING OF SOIL BY EQUIPMENT.
3. REMOVE EXCESS CONCRETE WHEN WASHOUT SYSTEM REACHES 50% OF THE DESIGN CAPACITY, UPON REMOVAL, INSPECT STRUCTURE, REPAIR AS NEEDED.
4. DISPOSE OF ALL CONCRETE IN A LEGAL MANNER.
5. REPLACE PLASTIC LINER AFTER EVERY CLEANING. ENLARGE AS NECESSARY TO MAINTAIN CAPACITY.

EROSION CONTROL BLANKET MAINTENANCE REQUIREMENTS:

1. INSPECT EACH EROSION CONTROL BLANKET AREAS WEEKLY AND AFTER STORM E VENTS OR HEAVY USE
2. CHECK FOR DISPLACEMENT OF BLANKET.
3. AREAS DISPLACED, PULL BACK PORTION OF BLANKET COVERING THE ERODED AREA, ADD SOIL AND TAMP, RESEED THE AREA. REPLACE AND STAPLE BLANKET.

TEMPORARY GRAVEL CONSTRUCTION ENTRANCE MAINTENANCE REQUIREMENTS:

1. INSPECT ENTRANCE PAD AND SEDIMENT DISPOSAL AREA WEEKLY AND AFTER STORM EVENTS OR HEAVY USE
2. RESHAPE PAD AS NEEDED FOR DRAINAGE AND RUNOFF CONTROL
3. TOP DRESS WITH CLEAN STONE AS NEEDED..
4. IMMEDIATELY REMOVE MUD AND SEDIMENT TRACKED OR WASHED ONTO PUBLIC ROADS BY BRUSHING OR SWEEPING. FLUSHING SHOULD ONLY BE USED IF THE WATER IS CONVEYED INTO A SEDIMENT TRAP OR BASIN.

EROSION CONTROL MEASURES MAINTENANCE REQUIREMENTS (CONTINUED)

INLET PROTECTION MAINTENANCE REQUIREMENTS:

1. INSPECT EACH INLET PROTECTION MEASURE WEEKLY AND AFTER STORM OR HEAVY USE
2. INSPECT STORM INLET BASKET OR GEOTEXTILE FABRIC AND MAKE REPAIRS.
3. REMOVE ANY SEDIMENT. AVOID DAMAGING OR UNDERCUTTING FABRIC.

(B12) STORMWATER QUALITY SEQUENCE

PRE–CONSTRUCTION ACTIVITIES:

SCHEDULE A PRE–CONSTRUCTION MEETING WITH STORMWATER COMPLIANCE INSPECTOR (765)747–4896.
DESIGNATE A PERSON TO BE RESPONSIBLE FOR THE SITE INSPECTIONS AFTER EACH 1/2" RAIAND A MINIMUM OF ONCE EACH WEEK.

CALL THE INDIANA UNDERGROUND PLANT PROTECTION SYSTEMS, INC. (HOLEY MOLEY) AT 1–800–382–5544 TO CHECK LOCATIONS OF ANY EXISTING UTILITIES– MIN, 2 DAYS PRIOR BEFORE CONSTRUCTION ACTIVITY.

ESTABLISH ONSITE LOCATION FOR OWNER/OPERATOR/CONTRACTOR PLACEMENT OF APPROVED PLANS AND CSGP NOI AND CSGP INSPECTION DOCUMENTATION.

INSTALL SILT FENCE AND OTHER EROSION CONTROL MEASURES AS INDICATED ON DRAWINGS.

INSTALL GRAVEL CONSTRUCTION ENTRANCE AS INDICATED ON DRAWINGS– ADD ADDITIONAL STONE AS NEEDED.

ESTABLISH CONSTRUCTION STAGING AREA FOR EQUIPMENT AND VEHICLES.

CONSTRUCTION ACTIVITY PHASING:

AFTER EROSION AND SEDIMENT CONTROL MEASURES ARE IN PLACE, BEGIN LAND CLEARING FOLLOWED IMMEDIATELY BY ROUGH GRADING. EROSION CONTROL FOR LARGE UNPROTECTED AREAS MUST BE INITIATED WITHIN 7 DAYS OF EXPOSURE, AND MUST BE COMPLETE BY DAY 14 OF EXPOSURE. CONSTRUCT CONCRETE WASH STATION BEFORE CONCRETE WORK IS TO COMMENCE ON SITE. REFER TO PLAN FOR LOCATION.

INSTALL SEWERS, ALL UTILITIES AND UNDERDRAINS. ADD INLET PROTECTION MEASURES AS INDICATED ON PLANS.

AFTER COMPLETION OF MASS GRADING AND FINAL GRADING: SEED ALL DISTURBED AREAS, COMMON AREAS AND SWALES IMMEDIATELY AFTER GRADING IS COMPLETED.

PLACE TOPSOIL IN ALL TURF AND LANDSCAPE AREAS.

INSTALL PAVEMENT AND FINAL GRADE AREA.

INSTALL LANDSCAPING AND FINAL SEEDING.

REMOVE ALL SEDIMENT CONTROL PRACTICES ONCE THE SITE IS STABILIZED.

NOTE: INSTALL TEMPORARY SEEDING AFTER A SPECIFIC STAGE OF CONSTRUCTION HAS BEEN COMPLETED (TEMPORARY OR FINAL) WHERE AREAS WILL BE IDLE OF CONSTRUCTION ACTIVITIES FOR A PERIOD OF 7 DAYS OR MORE.

(B13) PROVISIONS FOR EROSION AND SEDIMENT CONTROL ON INDIVIDUAL RESIDENTIAL BUILDING LOTS REGULATED UNDER THE PROPOSED PROJECT

NO ADDITIONAL EROSION CONTROL SPECIFICATIONS ARE NEEDED FOR THIS PHASE.

(B14 & B15) MATERIAL HANDLING AND SPILL PREVENTION AND SPILL RESPONSE PLAN MEETING THE REQUIREMENTS IN 327 IAC 2-6.1

EXPECTED MATERIALS THAT MAY APPEAR AT THE SITE DUE TO CONSTRUCTION ACTIVITIES INCLUDE, BUT ARE NOT LIMITED TO PETROLEUM PRODUCTS, FERTILIZERS, PAINT AND SOLVENTS, AND CONCRETE. MATERIALS SHALL BE STORED IN THE DESIGNATED MATERIAL STORAGE AREA.

SPILL PREVENTION FOR VEHICLE AND EQUIPMENT FUELING SHALL CONFORM TO THE FOLLOWING PRACTICES: VEHICLE EQUIPMENT FUELING PROCEDURES AND PRACTICES ARE DESIGNED TO PREVENT FUEL SPILLS AND LEAKS, AND REDUCE OR ELIMINATE CONTAMINATION OF STORMWATER. THIS CAN BE ACCOMPLISHED BY USING OFFSITE FACILITIES, FUELING IN DESIGNATED AREAS ONLY, ENCLOSING OR COVERING STORED FUEL, IMPLEMENTING SPILL CONTROLS, AND TRAINING EMPLOYEES AND SUBCONTRACTORS IN PROPER FUELING PROCEDURES. LIMITATIONS: ONSITE VEHICLE AND EQUIPMENT FUELING SHOULD ONLY BE USED WHERE IT IS IMPRACTICAL TO SEND VEHICLES AND EQUIPMENT OFFSITE FOR FUELING. SENDING VEHICLES AND EQUIPMENT OFFSITE SHOULD BE DONE IN CONJUNCTION WITH A STABILIZED CONSTRUCTION ENTRANCE/EXIT. IMPLEMENTATION: USE OFFSITE FUELING STATIONS AS MUCH AS POSSIBLE. DISCOURAGE "TOPPING–OFF" OF FUEL TANKS. ABSORBENT SPILL CLEANUP MATERIALS AND SPILL KITS SHOULD BE AVAILABLE IN FUELING AREAS AND ON FUELING TRUCKS, AND SHOULD BE DISPOSED OF PROPERLY AFTER USE. DRIP PANS OR ABSORBENT PADS SHOULD BE USED DURING VEHICLE AND EQUIPMENT FUELING, UNLESS THE FUELING IS PERFORMED OVER AN IMPERMEABLE SURFACE IN A DEDICATED FUELING AREA. USE ABSORBENT MATERIALS ON SMALL SPILLS. DO NOT HOSE DOWN OR BURY THE SPILL. REMOVE THE ABSORBENT MATERIALS PROMPTLY AND DISPOSE OF PROPERLY. AVOID MOBILE FUELING OF MOBILE CONSTRUCTION EQUIPMENT AROUND THE SITE; RATHER, TRANSPORT THE EQUIPMENT TO DESIGNATED FUELING AREAS. TRAIN EMPLOYEES AND SUBCONTRACTORS IN PROPER FUELING AND CLEANUP PROCEDURES. DEDICATED FUELING AREAS SHOULD BE PROTECTED FROM STORMWATER RUNON AND RUNOFF, AND SHOULD BE LOCATED AT LEAST 50 FT AWAY FROM DOWNSTREAM DRAINAGE FACILITIES AND WATERCOURSES. FUELING MUST BE PERFORMED ON LEVEL–GRADE AREA. PROTECT FUELING AREAS WITH BERMS AND DIKES TO PREVENT RUNON, RUNOFF, AND TO CONTAIN SPILLS. NOZZLES USED IN VEHICLE AND EQUIPMENT FUELING SHOULD BE EQUIPPED WITH AN AUTOMATIC SHUTOFF TO CONTROL DRIPS. FUELING OPERATIONS SHOULD NOT BE LEFT UNATTENDED. FEDERAL, STATE, AND LOCAL REQUIREMENTS SHOULD BE OBSERVED FOR ANY STATIONARY ABOVE GROUND STORAGE TANKS.

VEHICLES AND EQUIPMENT SHOULD BE INSPECTED EACH DAY OF USE FOR LEAKS. LEAKS SHOULD BE REPAIRED IMMEDIATELY OR PROBLEM VEHICLES OR EQUIPMENT SHOULD BE REMOVED FROM THE PROJECT SITE. KEEP AMPLE SUPPLIES OF SPILL CLEANUP MATERIALS ONSITE. IMMEDIATELY CLEAN UP SPILLS AND PROPERLY DISPOSE OF CONTAMINATED SOILS.

SPILL PREVENTION FOR SOLID WASTE SHALL CONFORM TO THE FOLLOWING PRACTICES: SOLID WASTE MANAGEMENT PROCEDURES AND PRACTICES ARE DESIGNED TO PREVENT OR REDUCE THE DISCHARGE OF POLLUTANTS TO STORMWATER FROM SOLID OR CONSTRUCTION WASTE BY PROVIDING DESIGNATED WASTE COLLECTION AREAS AND CONTAINERS, ARRANGING FOR REGULAR DISPOSAL, AND TRAINING EMPLOYEES AND SUBCONTRACTORS. SOLID WASTE GENERATED FROM TREES AND SHRUBS REMOVED DURING LAND CLEARING, DEMOLITION OF EXISTING STRUCTURES, AND BUILDING CONSTRUCTION. PACKAGING MATERIALS INCLUDING WOOD, PAPER, AND PLASTIC. SCRAP OR SURPLUS BUILDING MATERIALS INCLUDING SCRAP METALS, RUBBER, PLASTIC, GLASS PIECES AND MASONRY PRODUCTS. DOMESTIC WASTES INCLUDING FOOD CONTAINERS SUCH AS BEVERAGE CANS, COFFEE CUPS, PAPER BAGS, PLASTIC WRAPPERS, AND CIGARETTES. CONSTRUCTION WASTES INCLUDING BRICK, MORTAR, TIMBER, STEEL AND METAL SCRAPS, PIPE AND ELECTRICAL CUTTINGS, NON–HAZARDOUS EQUIPMENT PARTS, STYROFOAM AND OTHER PACKAGE CONSTRUCTION MATERIALS. SELECT DESIGNATED WASTE COLLECTION AREAS ONSITE. INFORM TRASH–HAULING CONTRACTORS THAT YOU WILL ACCEPT ONLY WATERTIGHT DUMPSTERS FOR ONSITE USE. INSPECT DUMPSTERS FOR LEAKS AND REPAIR ANY DUMPSTER THAT IS NOT WATERTIGHT. PROVIDE AN ADEQUATE NUMBER OF CONTAINERS WITH LIDS OR COVERS THAT CAN BE PLACED OVER THE CONTAINER TO KEEP RAIN OUT OR TO PREVENT LOSS OF WASTES WHEN IT IS WINDY. PLAN FOR ADDITIONAL CONTAINERS AND MORE FREQUENT PICKUP DURING THE DEMOLITION PHASE OF CONSTRUCTION. COLLECT SITE TRASH DAILY, ESPECIALLY DURING RAINY AND WINDY CONDITIONS. REMOVE THIS SOLID WASTE PROMPTLY SINCE EROSION AND SEDIMENT CONTROL DEVICES TEND TO COLLECT LITTER. MAKE SURE THAT TOXIC LIQUID WASTES (SUED OILS, SOLVENTS AND PAINTS) AND CHEMICALS (ACIDS, PESTICIDES, ADDITIVES, CURING COMPOUNDS) ARE NOT DISPOSED OF IN DUMPSTERS DESIGNED FOR CONSTRUCTION DEBRIS. DO NOT HOSE OUT DUMPSTERS ON THE CONSTRUCTION SITE. LEAVE DUMPSTER CLEANING TO THE TRASH HAULING CONTRACTOR. ARRANGE FOR REGULAR WASTE COLLECTION BEFORE CONTAINERS OVERFLOW. CLEAN UP IMMEDIATELY IF A CONTAINER DOES SPILL. MAKE SURE THAT CONSTRUCTION WASTE IS COLLECTED, REMOVED, AND DISPOSED OF ONLY AT AUTHORIZED DISPOSAL AREAS. SOLID WASTE STORAGE AREAS SHOULD BE LOCATED AT LEAST 50 FT FROM DRAINAGE FACILITIES AND WATERCOURSES AND SHOULD NOT BE LOCATED IN AREAS PRONE TO FLOODING OR PONDING. INSPECT CONSTRUCTION WASTE AREA REGULARLY. ARRANGE FOR REGULAR WASTE COLLECTION.

SPILL PREVENTION FOR CONCRETE WASHOUT SHALL CONFORM TO THE FOLLOWING PRACTICES: STORE DRY AND WET MATERIALS UNDER COVER, AWAY FROM DRAINAGE AREAS. AVOID MIXING EXCESS AMOUNTS OF FRESH CONCRETE. PERFORM WASHOUT OF CONCRETE TRUCKS OFFSITE OR IN DESIGNATED AREAS ONLY. DO NOT WASH OUT CONCRETE TRUCKS INTO STORM DRAINS, OPEN DITCHES, STREETS, OR STREAMS. DO NOT ALLOW EXCESS CONCRETE TO BE DUMPED ONSITE, EXCEPT IN DESIGNATED AREAS. LOCATE WASHOUT AREAS AT LEAST 50 FT FROM STORM DRAINS, OPEN DITCHES, OR WATER BODIES. DO NOT ALLOW RUNOFF FROM THIS AREA BY CONSTRUCTING A TEMPORARY PIT OR BERMED AREA LARGE ENOUGH FOR LIQUID AND SOLID WASTE. WASH OUT WASTES INTO THE TEMPORARY PIT WHERE THE CONCRETE CAN SET, BE BROKEN UP, AND THEN DISPOSED PROPERLY. AVOID CREATING RUNOFF BY DRAINING WATER TO A BERMED OR LEVEL AREA WHEN WASHING CONCRETE TO REMOVE FINE PARTICLES AND EXPOSE THE AGGREGATE. DO NOT WASH SWEEPINGS FROM EXPOSED AGGREGATE CONCRETE INTO THE STREET OR STORM DRAIN. COLLECT AND RETURN SWEEPINGS TO AGGREGATE BASE STOCKPILE OR DISPOSE IN THE TRASH.

THE CLEANUP PARAMETERS SHALL CONFORM TO THE FOLLOWING PRACTICES: THE DEVELOPER SHALL BE CONTINUALLY KEPT INFORMED, MAINTAIN LISTS OF QUALIFIED CONTRACTORS AND AVAILABLE VAC–TRUCKS, TANK PUMPERS AND OTHER EQUIPMENT READILY ACCESSIBLE FOR CLEANUP OPERATIONS. IN ADDITION, A CONTINUALLY UPDATED LIST OF AVAILABLE ABSORBENT MATERIALS AND CLEANUP SUPPLIES SHOULD BE KEPT ON SITE. ALL MAINTENANCE PERSONNEL WILL BE MADE AWARE OF TECHNIQUES FOR PREVENTION OF SPILLS. THEY WILL BE INFORMED OF THE REQUIREMENTS AND PROCEDURES OUTLINED IN THIS PLAN. THEY WILL BE KEPT ABREAST OF CURRENT DEVELOPMENTS OR NEW INFORMATION ON THE PREVENTION OF SPILLS AND / OR NECESSARY ALTERATION TO THIS PLAN. WHEN SPILLS OCCUR WHICH COULD ENDANGER HUMAN LIFE AND THIS BECOME PRIMARY CONCERN, THE DISCHARGE OF THE LIFE SAVING PROTECTION FUNCTION WILL BE CARRIED OUT BY THE LOCAL POLICE AND FIRE DEPARTMENTS. ABSORBENT MATERIALS, WHICH ARE USED IN CLEANING UP SPILLED MATERIALS, WILL BE DISPOSED OF IN A MANNER SUBJECT TO THE APPROVAL OF THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT. FLUSHING OF SPILLED MATERIAL WITH WATER WILL NOT BE PERMITTED UNLESS SO AUTHORIZED BY THE INDIANA DEPARTMENT OF ENVIRONMENTAL MANAGEMENT.

SPILL PREVENTION FOR VEHICLE AND EQUIPMENT MAINTENANCE SHALL CONFORM TO THE FOLLOWING PRACTICES: PREVENT OR REDUCE THE CONTAMINATION OF STORMWATER RESULTING FROM VEHICLE AND EQUIPMENT MAINTENANCE BY RUNNING A "DRY AND CLEAN SITE". THE BEST OPTION WOULD BE TO PERFORM MAINTENANCE ACTIVITIES AT AN OFFSITE FACILITY. IF THIS OPTION IS NOT AVAILABLE THEN WORK SHOULD BE PERFORMED IN DESIGNATED AREAS ONLY, WHILE PROVIDING COVER FOR MATERIALS STORED OUTSIDE, CHECKING FOR LEAKS AND SPILLS, AND CONTAINING AND CLEANING UP SPILLS IMMEDIATELY. THESE PROCEDURES ARE SUITABLE ON ALL CONSTRUCTION PROJECTS WHERE AN ONSITE YARD AREA IS NECESSARY FOR STORAGE AND MAINTENANCE OF HEAVY EQUIPMENT AND VEHICLES. ONSITE VEHICLE AND EQUIPMENT MAINTENANCE SHOULD ONLY BE USED WHERE IT IS IMPRACTICAL TO SEND VEHICLES AND EQUIPMENT OFFSITE FOR MAINTENANCE AND REPAIR. SENDING VEHICLES / EQUIPMENT OFFSITE SHOULD BY DONE IN CONJUNCTION WITH A STABILIZED CONSTRUCTION ENTRANCE / EXIT. OUT DOOR VEHICLE OR EQUIPMENT MAINTENANCE IS A POTENTIALLY SIGNIFICANT SOURCE OF STORMWATER POLLUTION. ACTIVITIES THAT CAN CONTAMINATE STORMWATER INCLUDE ENGINE REPAIR AND SERVICE, CHANGING OR REPLACEMENT OF FLUIDS, AND OUTDOOR EQUIPMENT STORAGE AND PARKING (ENGINE FLUID LEAKS). IF MAINTENANCE MUST OCCUR ONSITE, USE DESIGNATED AREAS, LOCATED AWAY FROM DRAINAGE COURSES. DEDICATED MAINTENANCE AREAS SHOULD BE PROTECTED FROM STORMWATER RUNON AND RUNOFF, AND SHOULD BE LOCATED AT LEAST 50 FT FROM DOWNSTREAM DRAINAGE FACILITIES AND WATER COURSES. DRIP PANS OR ABSORBENT PADS SHOULD BE USED DURING VEHICLE AND EQUIPMENT MAINTENANCE WORK THAT INVOLVES FLUIDS, UNLESS THE MAINTENANCE WORK IS PERFORMED OVER AND IMPERMEABLE SURFACE IN A DEDICATED MAINTENANCE AREA. PLACE A STOCKPILE OF SPILL CLEANUP MATERIALS WHERE IT WILL BE READILY ACCESSIBLE. ALL FUELING TRUCKS AND FUELING AREAS ARE REQUIRED TO HAVE SPILL KITS AND/OR USE OTHER SPILL PROTECTION DEVICES. USE ABSORBENT MATERIALS ON SMALL SPILLS. REMOVE THE ABSORBENT MATERIALS PROMPTLY AND DISPOSE OF PROPERLY. INSPECT ONSITE VEHICLES AND EQUIPMENT DAILY AT STARTUP FOR LEAKS, AND REPAIR IMMEDIATELY. KEEP VEHICLES AND EQUIPMENT CLEAN; DO NOT ALLOW EXCESSIVE BUILDUP OF OIL AND GREASE. SEGREGATE AND RECYCLE WASTES, SUCH AS GREASES, USED OIL OR OIL FILTERS, ANTIFREEZE, CLEANING SOLUTIONS, AUTOMOTIVE BATTERIES, HYDRAULIC AND TRANSMISSION FLUIDS. PROVIDE SECONDARY CONTAINMENT AND COVERS FOR THESE MATERIALS IF STORED ONSITE. TRAIN EMPLOYEES AND SUBCONTRACTORS IN PROPER MAINTENANCE AND SPILL CLEANUP PROCEDURES. DRIP PANS OR PLASTIC SHEETING SHOULD BY PLACED UNDER ALL VEHICLES AND EQUIPMENT PLACED ON DOCKS, BARGES, OTHER STRUCTURES OVER WATER BODIES WHEN THE VEHICLE OR EQUIPMENT IS PLANNED TO BE IDLE FOR MORE THAN 1 HOUR. PROPERLY DISPOSE OF USED OILS, FLUIDS, LUBRICANTS, AND SPILL CLEANUP MATERIALS. PROPERLY DISPOSE OF OR RECYCLE USED BATTERIES. DO NOT PLACE USED OIL IN A DUMPSTER OR POUR INTO A STORM DRAIN OR WATER COURSE. PROPERLY DISPOSE OF USED OILS, FLUIDS, LUBRICANTS, AND SPILL CLEANUP MATERIALS. DON NOT BURY TIRES. REPAIR LEAKS OF FLUIDS AND OIL IMMEDIATELY.

SPILL PREVENTION FOR FERTILIZERS SHALL CONFORM TO THE FOLLOWING PRACTICES: FERTILIZER'S USED WILL BE APPLIED ONLY IN THE MINIMUM AMOUNTS RECOMMENDED BY THE MANUFACTURER. ONCE APPLIED, FERTILIZER WILL BE WORKED INTO THE SOIL TO LIMIT EXPOSURE TO STORM WATER. THE CONTENTS OF ANY PARTIALLY USED BAGS OF FERTILIZER WILL BE TRANSFERRED TO A SEALABLE PLASTIC BIN TO AVOID SPILLS.

SPILL PREVENTION FOR PAINT AND SOLVENTS SHALL CONFORM TO THE FOLLOWING PRACTICES: ALL CONTAINERS WILL BE TIGHTLY SEALED AND STORED WHEN NOT REQUIRED FOR USE. EXCESS PAINT WILL NOT BE DISCHARGED TO THE STORM SEWER SYSTEM BUT WILL BE PROPERLY DISPOSED OF ACCORDING TO MANUFACTURERS' INSTRUCTIONS OR STATE OR LOCAL REGULATIONS.

SPILL PREVENTION FOR PORTABLE TOILETS SHALL CONFORM TO THE FOLLOWING PRACTICE: ALL PORTABLE TOILETS MUST BE ANCHORED TO PREVENT SPILLS.

SPILL PREVENTION AND CLEANUP SHALL CONFORM TO IDEM FORM 327 IAC 2–6 AND THE (CITY) FIRE DEPARTMENT SHALL BE CONTACTED IN THE CASE OF A MATERIAL SPILL OCCURRING.

IDEM EMERGENCY SPILL REPORTING: (317) 233–7745 OR (888) 233–7745

YORKTOWN FIRE DEPARTMENT	(765) 759–5836
DELAWARE COUNTY SHERIFF	(765) 747–7885
BUREAU OF WATER QUALITY	(765) 747–4896

ASSESSMENT OF STORMWATER POLLUTION PREVENTION PLAN COMPONENT (SECTION C)

(C1) DESCRIPTION OF POLLUTATNTS AND THEIR SOURCES ASSOCIATED WITH THE PROPOSED LAND USE

POTENTIAL POLLUTANT SOURCES THAT MAY APPEAR AT THE SITE DUE TO PROPOSED LAND USE ACTIVITIES, BUT ARE NOT LIMITED TO VEHICLES, EXPOSED SOIL AND TRASH. POTENTIAL POLLUTANTS INCLUDE, BUT ARE NOT LIMITED TO OIL, GREASE, DIESEL FUEL, GASOLINE, ANTI–FREEZE, AUTO SOAP AND FERTILIZER.

(C2) DESCRIPTION OF PROPOSED POST-CONSTRUCTION STORMWATER MEASURES

POST CONSTRUCTION STORMWATER QUALITY MEASURES TO AID IN REDUCING THE AMOUNT OF POLLUTANTS:

1. POST CONSTRUCTION STORMWATER QUALITY MEASURES WILL CONSIST OF VEGETATIVE COVER ON THE PERMANENT GRASS AREAS AND EROSION CONTROL BLANKETS IN SPECIFIED AREAS. BOTH THE VEGETATIVE COVER AND EROSION CONTROL BLANKETS ARE INTENDED TO STABILIZE THE DISTURBED AREAS AND TO SERVE AS A SEDIMENT TRAP FOR FINER PARTICLES WITHIN THE STORM SEWER SYSTEM.

2. THE USE OF INLETS WITHIN THE STORM SEWER SYSTEM HAS BEEN UTILIZED. MAINTENANCE OF THE INLETS WILL BE THE RESPONSIBILITY OF THE OWNER AND/OR AGENCY TAKING JURISDICTION OVER THE STORM SEWER INFRASTRUCTURE IMPROVEMENTS.

3. THE USE OF CONTECH DETENTION PIPES HAS BEEN UTILIZED. MAINTENANCE OF THE PIPES WILL BE THE RESPONSIBILITY OF THE OWNER AND/OR AGENCY TAKING JURISDICTION OVER THE STORM SEWER INFRASTRUCTURE IMPROVEMENTS.

(C3) PLAN DETAILS FOR EACH STORMWATER MEASURE

THE STORMWATER QUALITY MEASURES FOR POST CONSTRUCTION ACTIVITIES ARE INDICATED WITHIN THESE CONSTRUCTION DOCUMENTS. REFER TO SHEETS C900 & C902 FOR EROSION CONTROL MEASURES TO BE IMPLEMENTED WITHIN THE PROJECT SITE, REFER TO SHEET C400 FOR STORM SEWER IMPROVEMENTS, DIMENSIONS, SPECIFICATIONS AND CONSTRUCTION DETAILS FOR THESE STORMWATER QUALITY MEASURES ARE INCLUDED WITHIN THE AFOREMENTIONED SERIES OF CONSTRUCTION DOCUMENTS.

(C4) SEQUENCE DESCRIBING STORMWATER MEASURE IMPLEMENTATION

THE STORMWATER QUALITY MEASURE IMPLEMENTATION SHALL BE BEGIN AFTER SUBSTANTIAL COMPLETION OF THE CONSTRUCTION ACTIVITIES FOR THE PROPOSED PROJECT. ADDITIONAL STORMWATER QUALITY MEASURES WILL BE IMPLEMENTED AT THE DEVELOPMENT OF SUBSEQUENT CONSTRUCTION PHASES. FOLLOWING CONSTRUCTION, ALL EROSION CONTROL MEASURES SHALL BE INSPECTED AND MAINTAINED UNTIL ALL PERMANENT MEASURES, WATER QUALITY PLANTINGS AND VEGETATION HAS BEEN ESTABLISHED AND CONSTRUCTION, INCLUDING LANDSCAPING, IS COMPLETE.

INDIVIDUAL EROSION CONTROL MEASURES MAY BE REMOVED FROM INLET PROTECTION STATUS FOLLOWING SEEDING AND AFTER SUFFICIENT VEGETATION HAS BEEN ESTABLISHED IN AN AREA TO PREVENT SILT AND SOIL EROSION INTO THE STORM SEWER SYSTEM.

INSPECTION AND MAINTENANCE OF ALL COMMON AREAS, LANDSCAPE AREAS AND DRAINAGE IMPROVEMENTS ARE THE RESPONSIBILITY OF THE DEVELOPER/OWNER AND OR LOCAL AGENCIES TAKING JURISDICTION OVER THE INFRASTRUCTURE IMPROVEMENTS.

(C5) MAINTENANCE GUIDELINES FOR POST-CONSTRUCTION STORMWATER MEASURES

OWNER WILL PROVIDE MAINTENANCE ACTIVITIES FOR THE POST CONSTRUCTION WATER QUALITY MEASURES. MAINTENANCE ACTIVITIES WILL BE COMPLETED AS DESCRIBED BELOW.

1. ALL INLET CASTINGS WILL BE INSPECTED MONTHLY. DEBRIS AND TRASH AROUND OR OBSTRUCTING INLETS WILL BE REMOVED AND DISPOSED PROPERLY.

2. DAMAGE TO INLET CASTINGS, INLET STRUCTURES, STORM STRUCTURES, OR CATCH BASINS SHOULD BE REPAIRED AS SOON AS POSSIBLE.

3. GRASS AREAS SURROUNDING INLETS WILL BE MAINTAINED ON A REGULAR MOWING CYCLE. TRASH AND DEBRIS WILL BE REMOVED FROM SEEDED AND PAVED AREAS.

4. THE OWNER SHALL FOLLOW THE OPERATION AND MAINTENANCE SCHEDULE AS DEFINED IN THE PROJECT O&M MANUAL. INSPECTIONS SHALL OCCUR AS DEFINED IN THE PROJECT O&M MANUAL.

(C6) ENTITY THAT WILL BE RESPONSIBLE FOR OPERATION AND MAINTENANCE OF THE POST-CONSTRUCTION STORMWATER MEASURES

EROSION CONTROL RESPONSIBLE PERSON

THE PERSON RESPONSIBLE FOR THE INSTALLATION AND MAINTENANCE OF THE EROSION CONTROL IS LISTED BELOW.

INSTALLATION:
THE SKILLMAN CORPORATION
3834 S. EMERSON AVE. INDIANAPOLIS, IN 46203
317–788–5108
CONTACT: VICTOR LANDFAIR
VDLANDFAIR@SKILLMAN.COM

MAINTENANCE:
YORKTOWN COMMUNITY SCHOOLS
1100 S TIGER DRIVE
YORKTOWN, IN 47396
765–759–2720
CONTACT: DR. GREG HINSHAW
ghinshaw@yorktown.k12.in.us

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JONATHAN M. PASYK
REGISTERED
No. PE12100829
STATE OF INDIANA
PROFESSIONAL ENGINEER
02/15/2024

REVISION RECORD

NO	DATE	DESCRIPTION
△1	02/15/2024	ADDENDUM #1

Civil & Environmental Consultants, Inc.
530 E. Ohio Street · Suite G · Indianapolis, IN 46204
317-655-7777 · 877-746-0749
www.cecinc.com

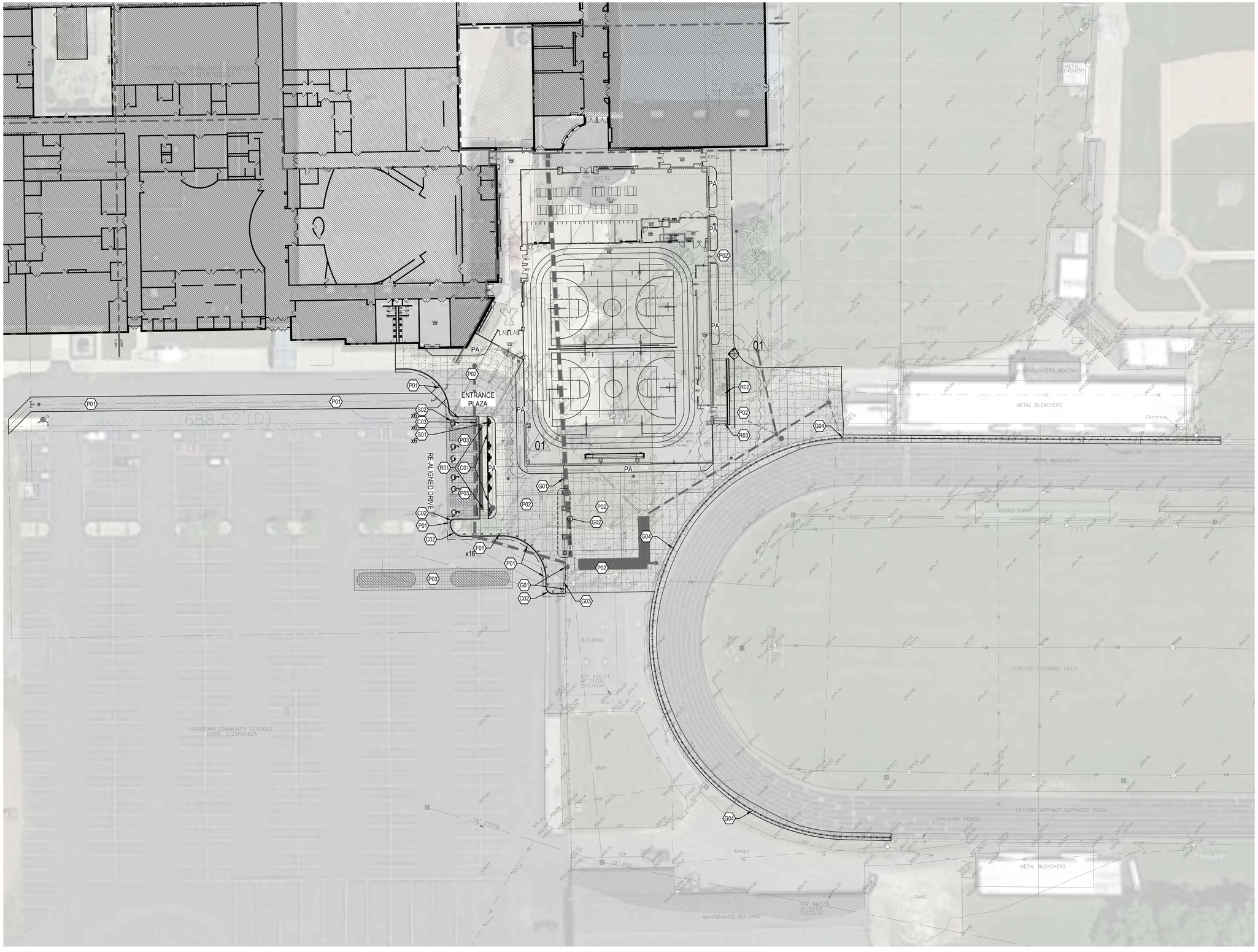
YORKTOWN HIGH SCHOOL
ATHLETICS BUILDING ADDITION
1100 S TIGER DRIVE
YORKTOWN, INDIANA 47396

STORMWATER POLLUTION
PREVENTION NOTES

DATE:	JANUARY 26, 2023
DRAWN BY:	SRD
DWG SCALE:	1"=20'
CHECKED BY:	JMP
PROJECT NO:	335-919
APPROVED BY:	DRAFT

DRAWING NO.:
C901
SHEET OF

CV01 Construction Documents\335919-CV01-C900.dwg{C901} LS:(2/14/2024 - sdorn) - LP: 2/15/2024 2:22 PM



	CURBS
KEY	DESCRIPTION / REFERENCE
C01	CONCRETE POST CURB REFER TO SITE DETAIL 5/L500
C02	INTEGRAL CONCRETE CURB AND WALK REFER TO SITE DETAIL 6/L500
C03	WHEEL STOP REFER TO SITE DETAIL 7/L500

	FURNISHIINGS
KEY	DESCRIPTION / REFERENCE
F01	8" DIA. STEEL PROTECTIVE BOLLARDS REFER TO DETAIL 12/L500 AND SPECIFICATION 05 50 01

	GATES & FENCING
KEY	DESCRIPTION / REFERENCE
G01	6'-0" HT. CHAIN-LINK FENCE, VINYL COATED, BLACK, REFER TO SPECIFICATION 32 31 13
G02	DECORATIVE GATE ENTRANCE, REFER TO ARCHITECTURAL DRAWINGS.
G03	SINGLE LEAF SWING GATE, 4'-0" OPENING, MATCH HEIGHT OF ADJACENT FENCING REFER TO SPECIFICATION 32 31 13
G04	TRACK AND FIELD FENCING

	PAVEMENT
KEY	DESCRIPTION / REFERENCE
P01	ASPHALT, STANDARD DUTY REFER TO SITE DETAIL 1/L500 AND SPECIFICATION 32 12 16
P02	CONCRETE PAVEMENT REFER TO SITE DETAIL 2, 3 & 4/L500 AND SPECIFICATION 32 13 16
P03	SEALCOAT AND RESTRIPE

	RAMPS & STAIRS
KEY	DESCRIPTION / REFERENCE
R01	PARALLEL CURB RAMP REFER TO SITE DETAIL 11/L500
R02	RAMP, REFER TO DETAIL 2,3 & 4/L501
R03	CONCRETE STAIRS, REFER TO DETAIL 1,2 & 4/L501

	SIGNAGE
KEY	DESCRIPTION / REFERENCE
S01	ADA ACCESSIBLE PARKING SIGN REFER TO SITE DETAIL 10/L500
S02	ACCESSIBLE PARKING STRIPING & SYMBOL REFER TO SITE DETAIL 8 & 9/L500

	PLANTING
KEY	DESCRIPTION / REFERENCE
PA	PLANTED AREA

North

0 15' 30' 60'

Scale 1" = 30'-0"

context DESIGN
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Certified by:

FREDDIE J. PRAZEAU
REGISTERED
No. 2020-0052
STATE OF INDIANA
LANDSCAPE ARCHITECT

EXPIRES 12-31-2025

100% Construction Documents

Yorktown High School

1100 S Tiger Dr., Yorktown, IN 47396

Sheet Title:

Materials & Notes

Revision	Date	Description
1	2024-02-15	Addendum 1

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

Sheet No:

L100

North

0 15' 30' 60'

Scale 1" = 30'-0"

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100% Construction Documents

Yorktown High School

1100 S Tiger Dr., Yorktown, IN 47396

Layout Plan

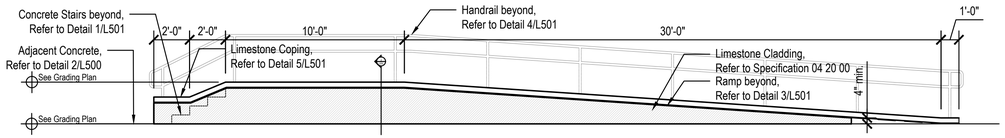
Sheet File

Revision	Date	Description
1	2024-02-15	Addendum 1

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

Sheet No:

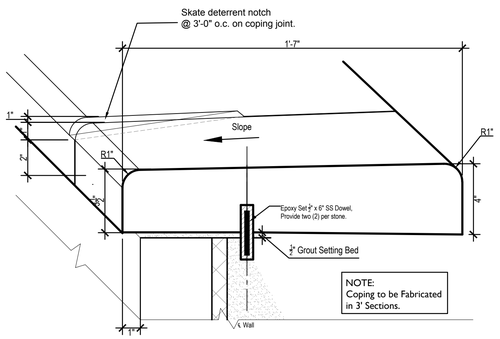
L200



6 CHEEK WALL ELEVATION

Scale: 1/4" = 1'-0"

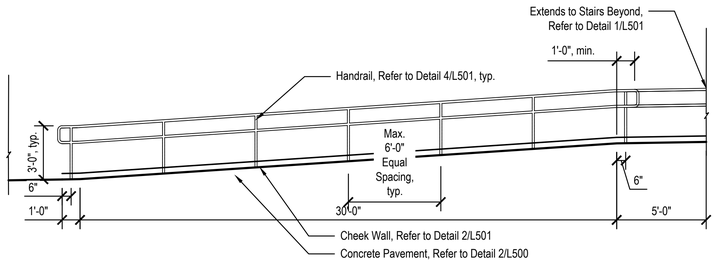
01



01

5 LIMESTONE COPING - 4"

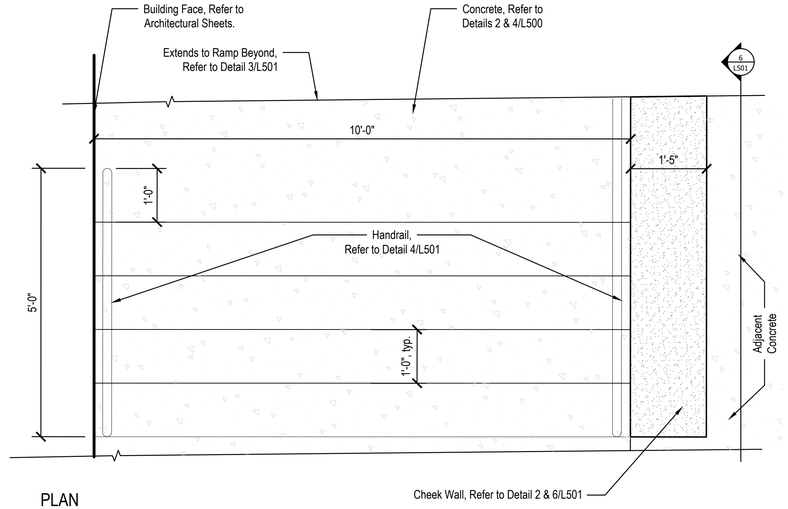
Not to Scale



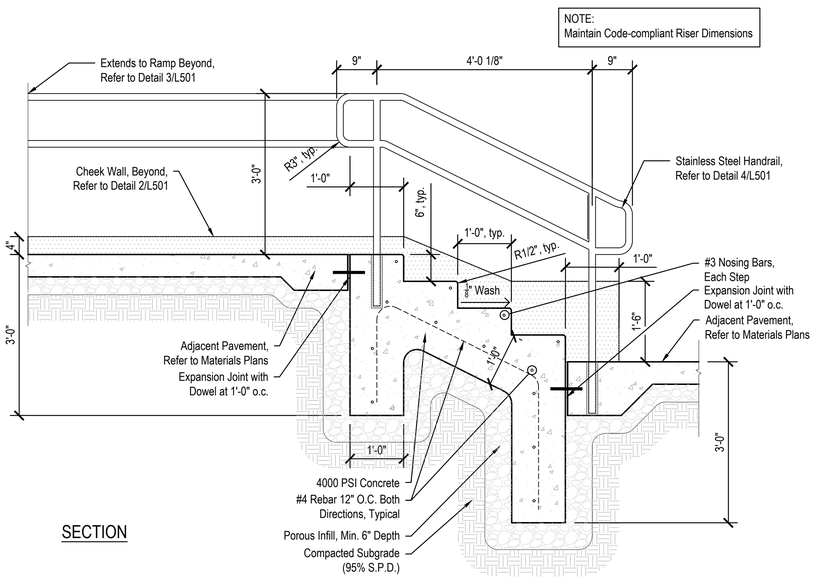
3 RAMP ELEVATION

Scale: 1/4" = 1'-0"

01



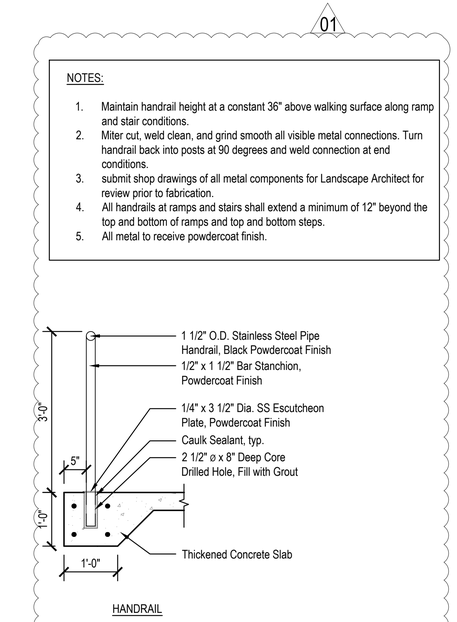
PLAN



SECTION

1 CONCRETE STAIRS

Scale: 3/4"=1'-0"



HANDRAIL

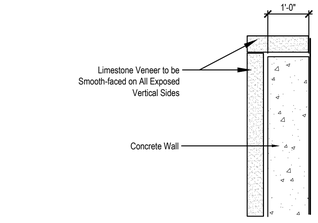
01

NOTES:

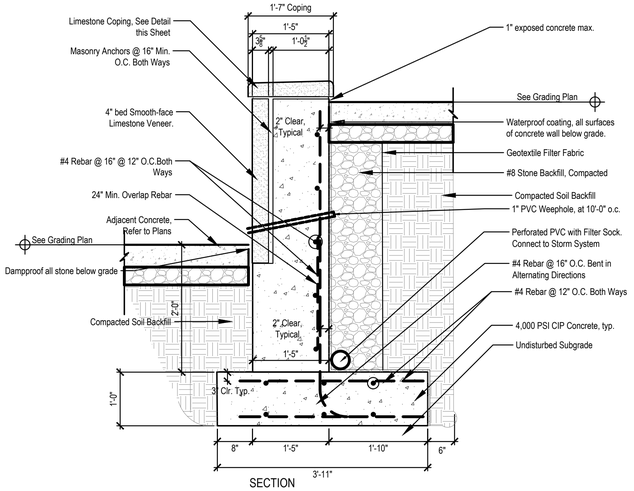
1. Maintain handrail height at a constant 36" above walking surface along ramp and stair conditions.
2. Miter cut, weld clean, and grind smooth all visible metal connections. Turn handrail back into posts at 90 degrees and weld connection at end conditions.
3. submit shop drawings of all metal components for Landscape Architect for review prior to fabrication.
4. All handrails at ramps and stairs shall extend a minimum of 12" beyond the top and bottom of ramps and top and bottom steps.
5. All metal to receive powdercoat finish.

4 METAL HANDRAIL

Scale: 3/4"=1'-0"



WALL END PLAN



SECTION

2 LIMESTONE VENEER CHEEK WALL

Scale: 3/4" = 1'-0"

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EXPIRES 12-31-2025

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Yorktown High School

1100 S Tiger Dr., Yorktown, IN 47396

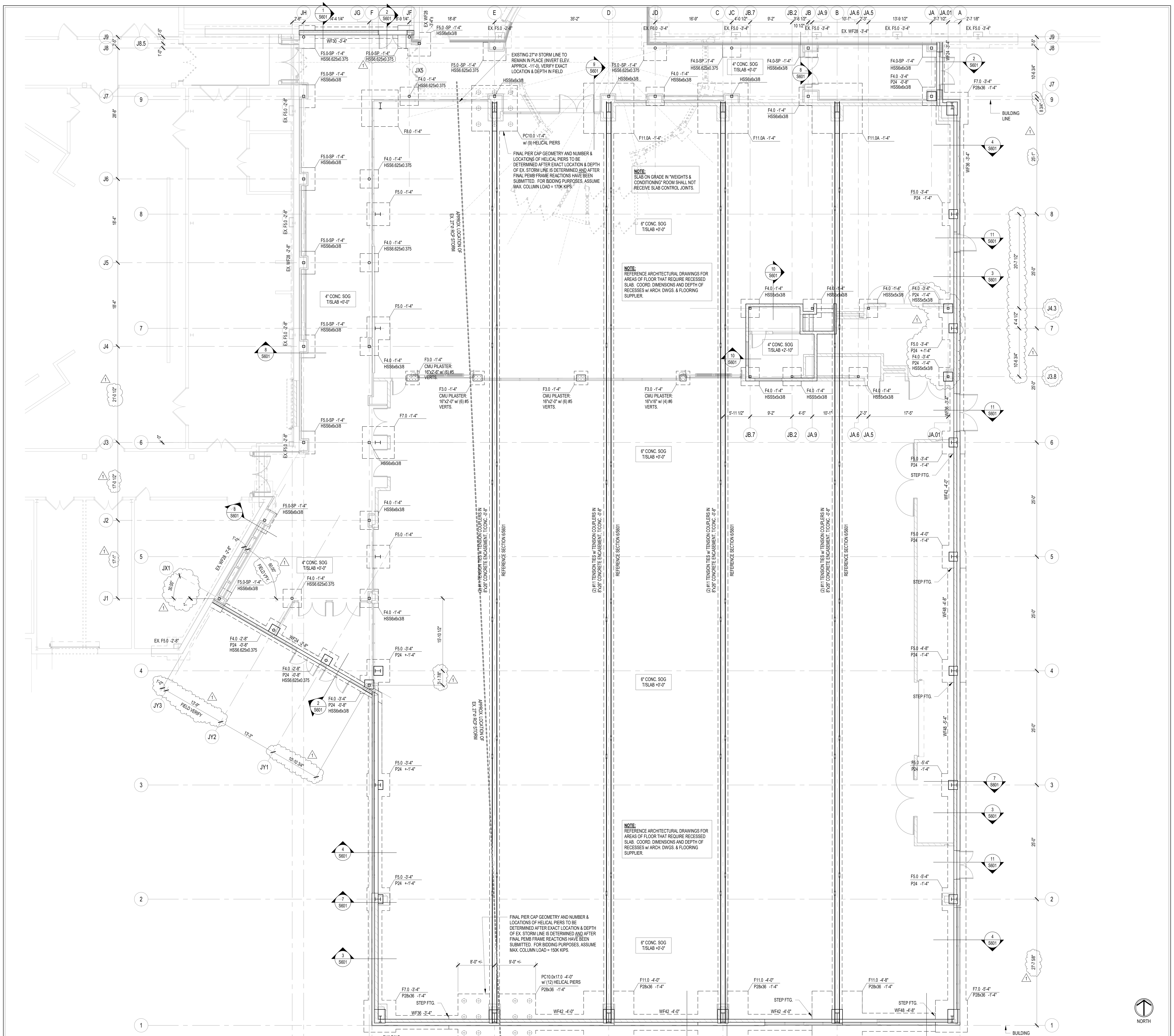
Sheet Title: Site Details

Revision	Date	Description
1	2024-02-15	Addendum 1

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

Sheet No:

L501



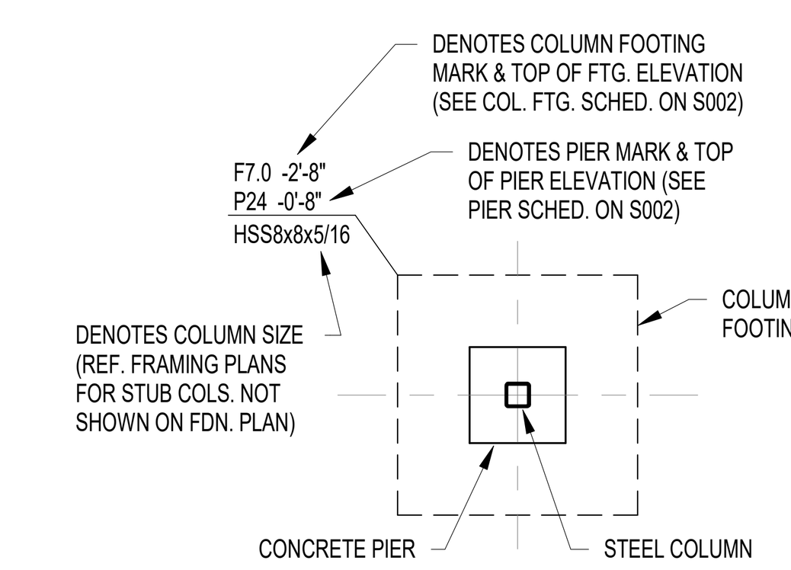
FOUNDATION PLAN - UNIT J

1 / S201J — SCALE: 1/8" = 1'-0"

FOUNDATION PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
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 INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". VERIFY ELEVATION WITH CIVIL DWGS.
5. ALL 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 CONTRACTORS.
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.
9. 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 IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" OC 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.
20. PLAN LEGEND:

F.F.	DENOTES FIN. FLOOR
T/'X'	DENOTES TOP OF FTG, SLAB, PIER, ETC.
B/'X'	DENOTES BOTTOM OF FTG, GRADE BEAM, ETC.
C.J.	DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
WF24 -2'-8"	DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FTG SCHEDULE)
PC10.0 -4'-0"	DENOTES HELICAL PIER CAP MARK & T/CAP ELEVATION (REF. DETAILS ON SHEET S002)
	DENOTES WALL FOOTING WITH STEPS. REF. TYP. DETAIL ON S401
	DENOTES CMU FOUNDATION WALL
	DENOTES CMU FDN. WALL HELD DOWN AT OPENINGS
	DENOTES THICKENED SLAB UNDER INTERIOR NON-LOAD BEARING CMU WALLS
4" CONC. SOG T/SLAB +0'-0"	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



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F 317 423 1551
STRUCTURAL ENGINEERS

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

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	2/15/2024

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

DRAWING TITLE:
FOUNDATION PLAN - UNIT J

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S201J

PROJECT NUMBER
2022016

FRAMING PLAN NOTES

1. REF. S001 & S002 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FRAMING 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 INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". VERIFY ELEVATION WITH CIVIL DWGS.
5. ALL 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 ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
8. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
9. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL 7/S404. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.
10. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S404. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
11. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
12. ACOUSTICAL CMU PANELS TO BE REGARDED AS WALL OPENINGS FOR THE PURPOSES OF HORIZONTAL BOND BEAM REINFORCING: PROVIDE BOND BEAMS IMMEDIATELY ABOVE AND BELOW PANELS. VERTICAL REINFORCING TO BE CONTINUOUS THROUGH ACOUSTICAL CMU PANELS.
13. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
14. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
15. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
16. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
17. 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.
18. PLAN LEGEND:

F.F.	DENOTES FIN. FLOOR
T/'X'	DENOTES TOP OF STEEL, SLAB, ETC.
B/'X'	DENOTES BOTTOM OF LINTEL, ETC.
SE	DENOTES SLAB EDGE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
DE	DENOTES DECK EDGE ANGLE DIMENSION MEASURED FROM BEAM OR COLUMN CENTERLINE
BP	DENOTES BEAM BEARING PLATE ON CMU WALL
(F)	DENOTES 1½", 20 GA. GALVANIZED COMPOSITE DECK w/ 2½" NW CONC SLAB w/ 6x6-W1.4xW1.4 WWF, TOTAL 't' = 4". REF. DETAIL 1/S404.
(R)	DENOTES 1½", 20 GA. GALVANIZED & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 2/S404.
KB	DENOTES KNE BRACE LOCATION, REF. DETAIL 10/S404
	DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON S405.
	DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S404.
	DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S404 FOR TYPICAL OPENING FRAMES.

19. T/STEEL BEAM = +14'-0" ON THIS SHEET UNLESS NOTED OTHERWISE.

1 S202J — LOW ROOF & MEZZ. FLOOR FRAMING PLAN - UNIT J
SCALE: 1/8" = 1'-0"

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550 Virginia Avenue
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STRUCTURAL ENGINEERS

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

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of 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

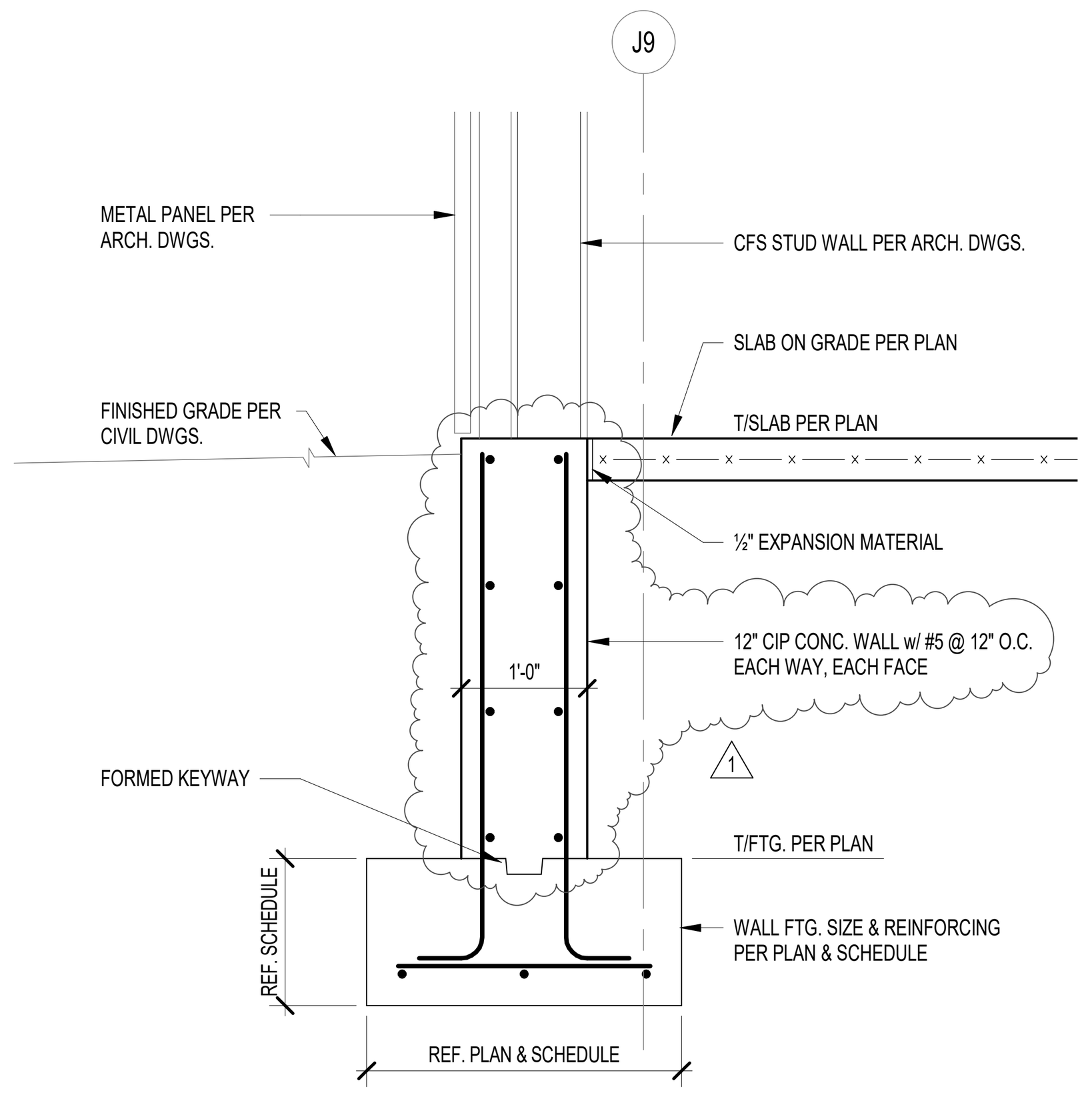
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	MDL	MDL

DRAWING TITLE:
LOW ROOF & MEZZ. FLOOR FRAMING PLAN - UNIT J

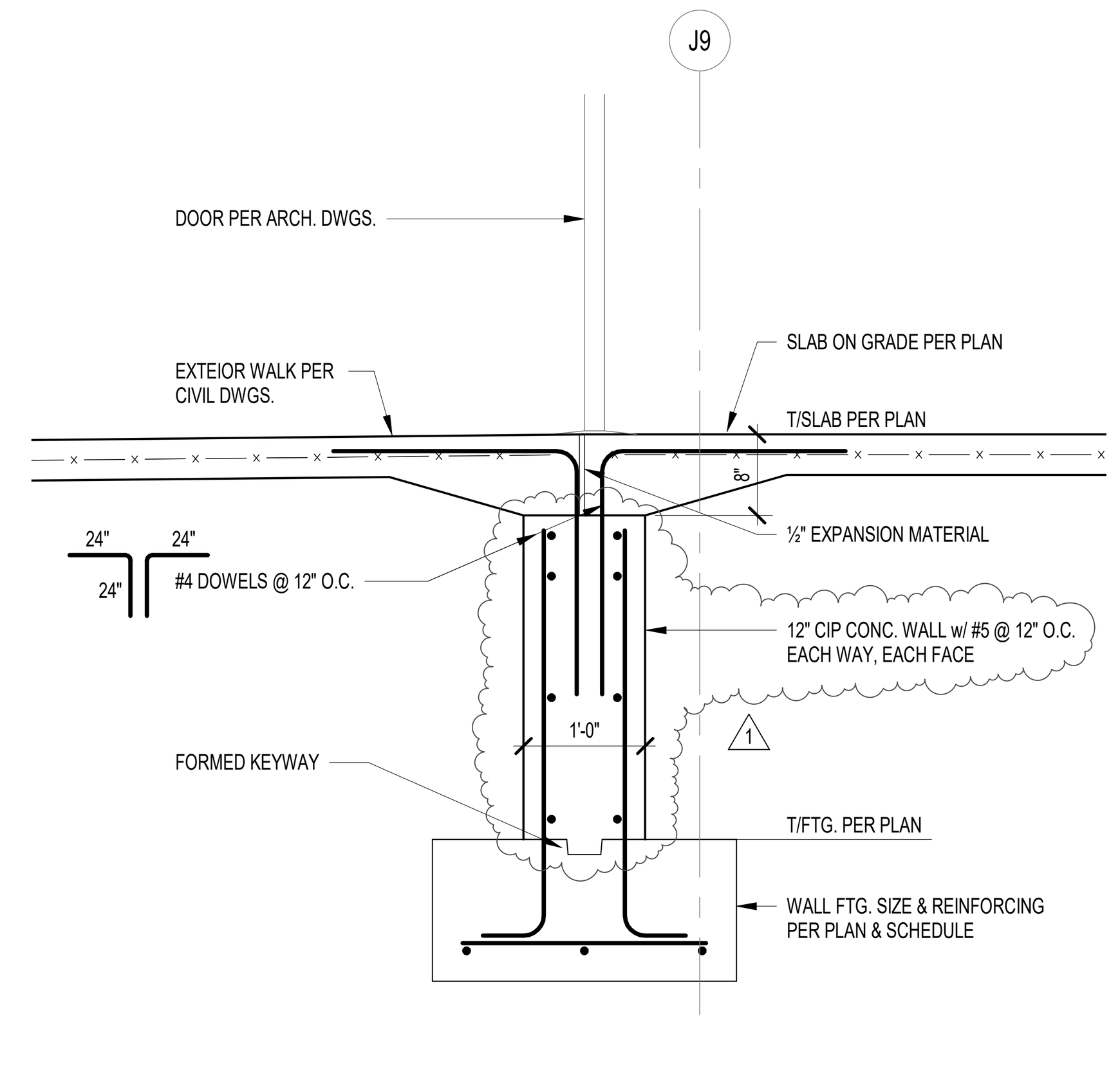
CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF
INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S202J

PROJECT NUMBER
2022016



1 S601 SECTION
SCALE: 3/4" = 1'-0"



2 S601 SECTION
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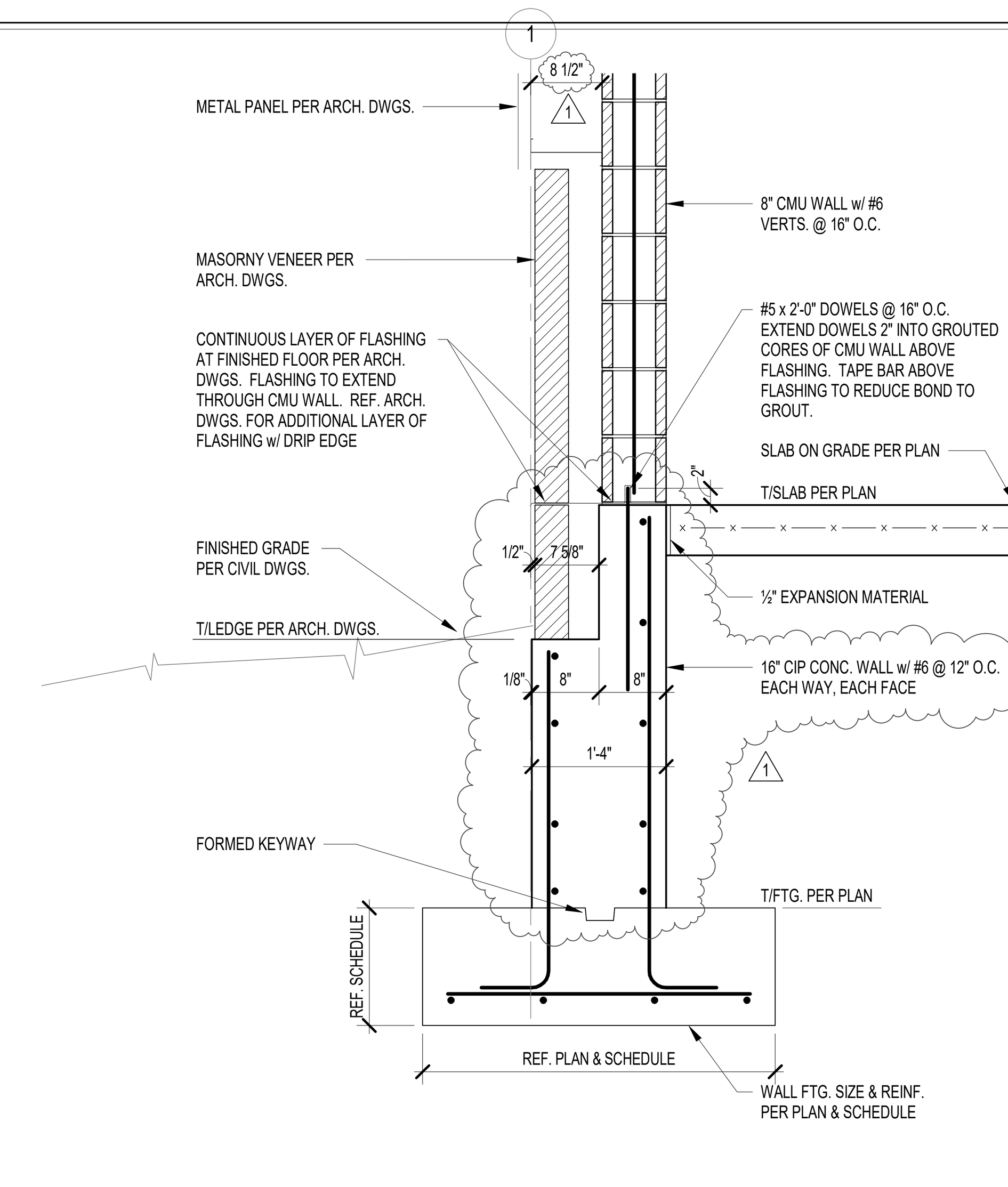

3 S601 SECTION
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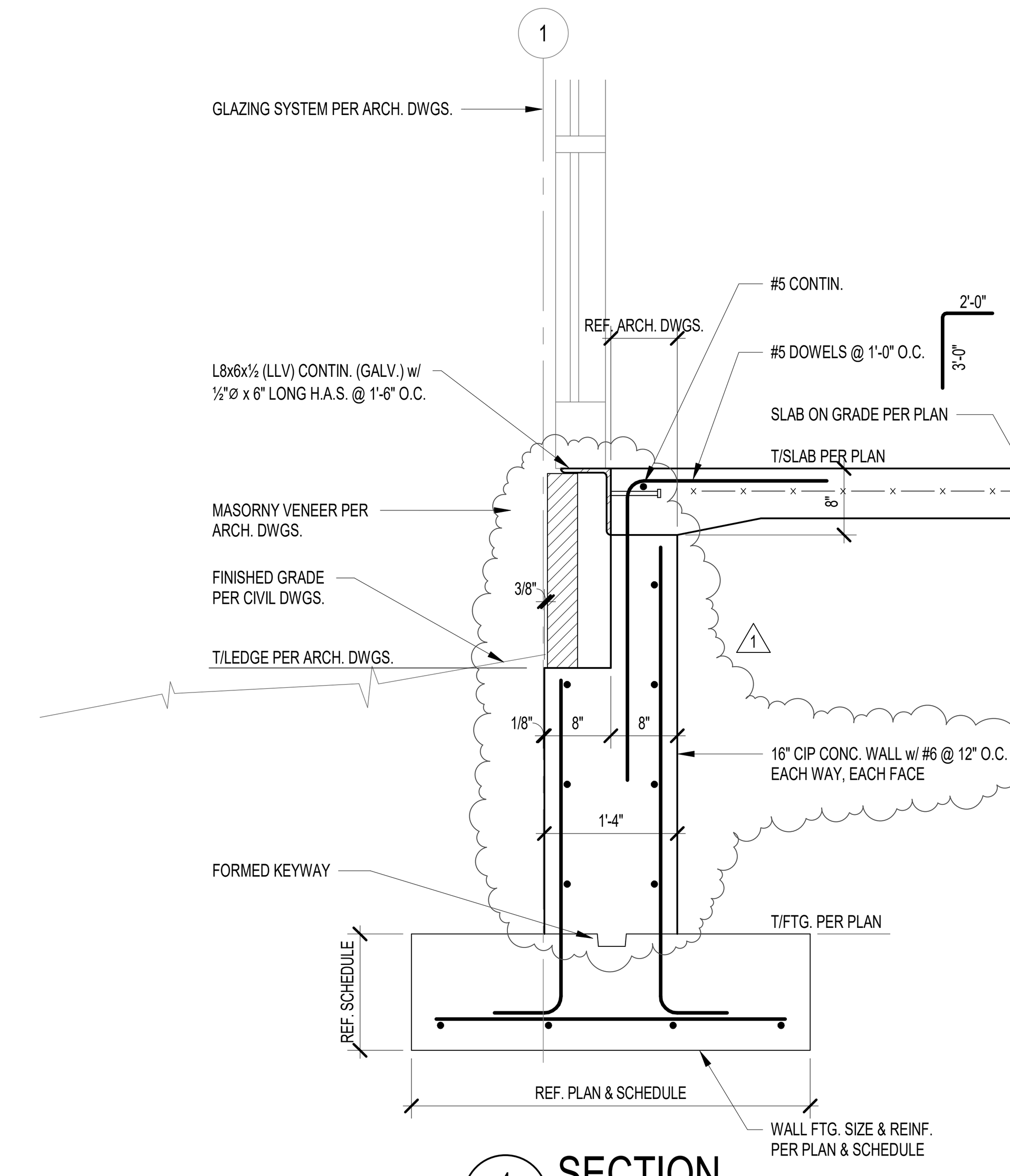
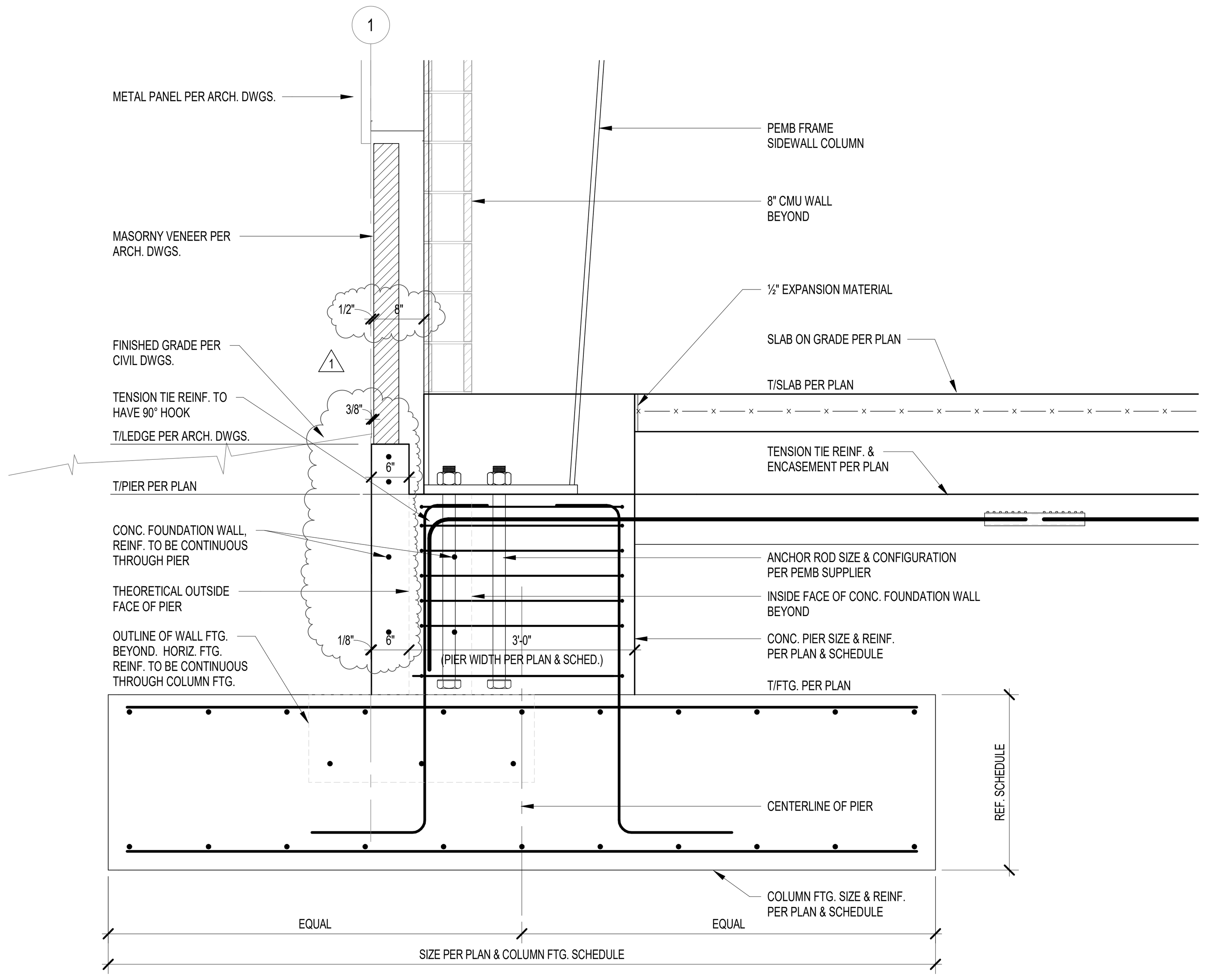
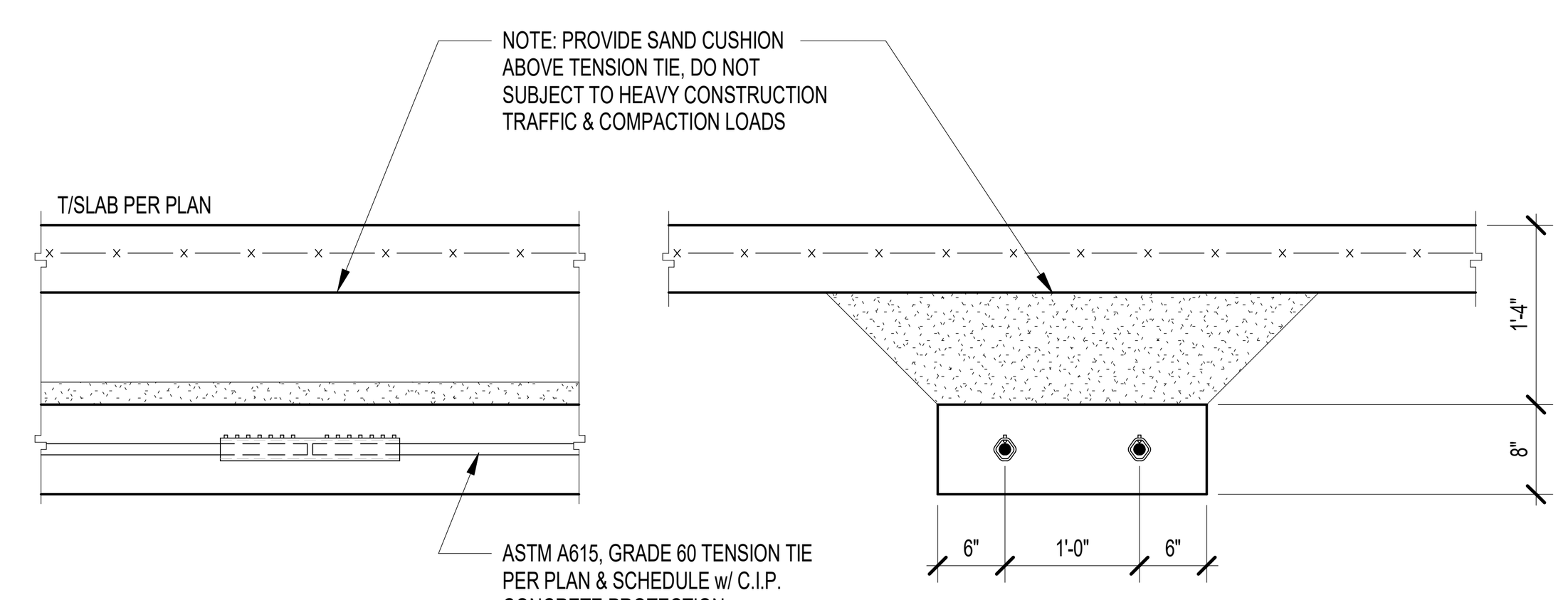


4 S601 SECTION
SCALE: 3/4" = 1'-0"



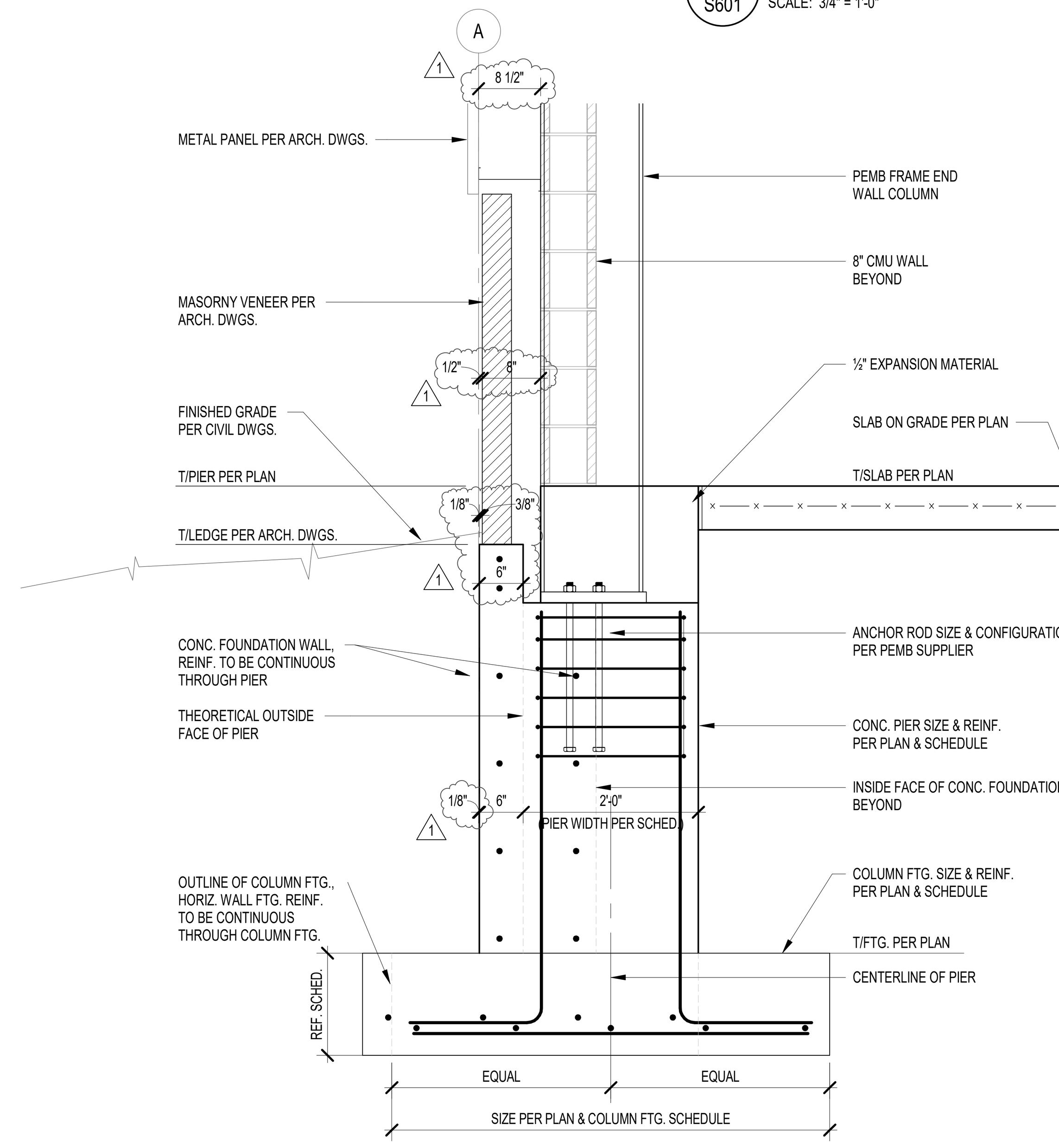
5 S601 SECTION
SCALE: 3/4" = 1'-0"



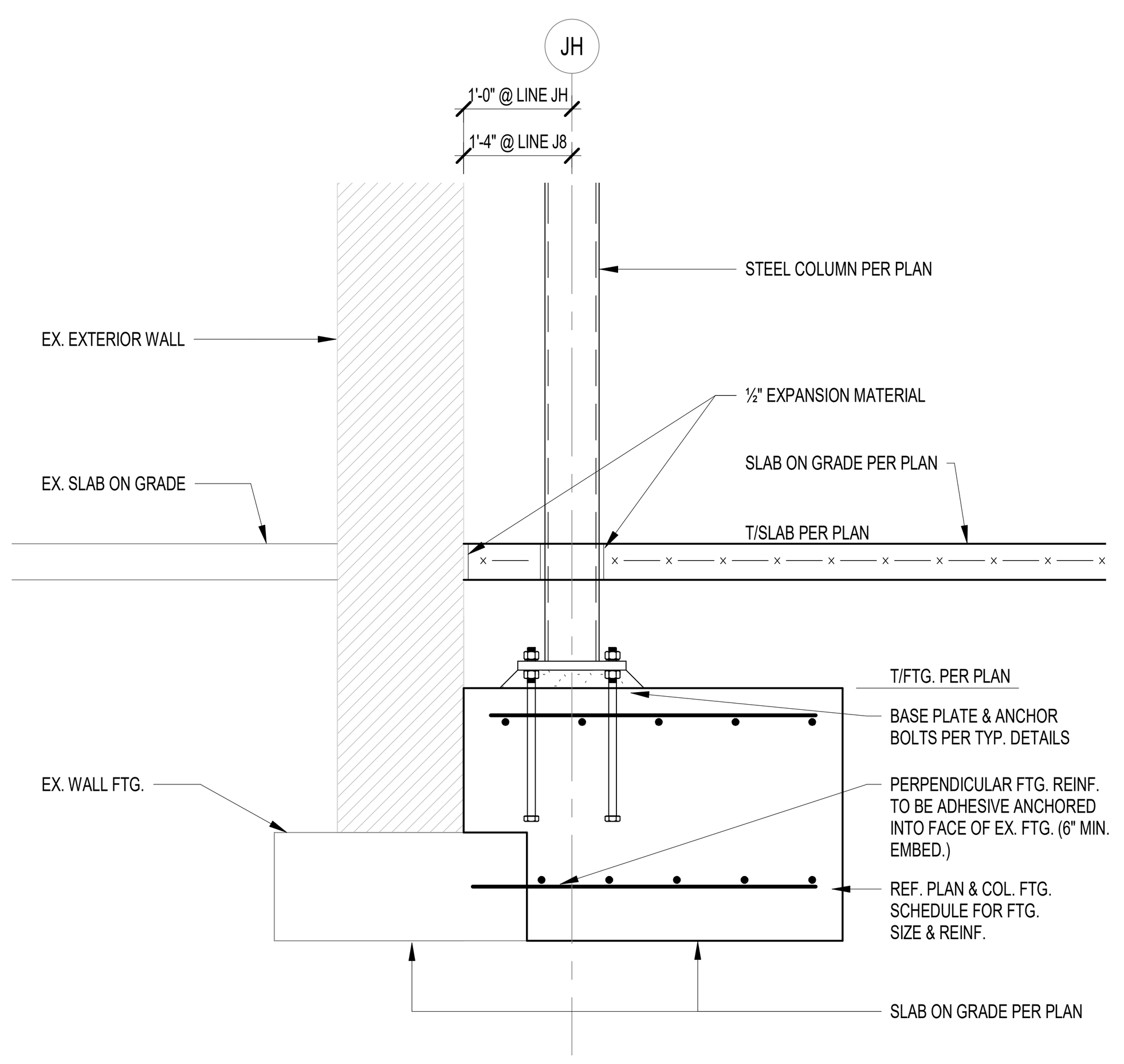
NOTE: ALL TENSION TIES TO BE SPLICED w/ MECHANICAL SPLICES CAPABLE OF DEVELOPING THE FULL TENSILE STRENGTH OF THE SPLICED BAR ("ZAP SCREWLOK", TYPE 2 SERIES, AS MANUFACTURED BY BAR SPLICE PRODUCTS, INC. OR APPROVED EQUIVALENT). STAGGER ADJACENT SPLICES 3'-0" MIN.

LAP SPLICING, WELDING, COLD-SWAGING, AND USE OF END-BEARING COMPRESSION SPLICES ARE NOT PERMITTED. MAINTAIN TENSION-TIE REINFORCING AS STRAIGHT AND LEVEL DURING INSTALLATION.

6 S601 TENSION TIE SPLICE
SCALE: 3/4" = 1'-0"



7 S601 SECTION
SCALE: 3/4" = 1'-0"



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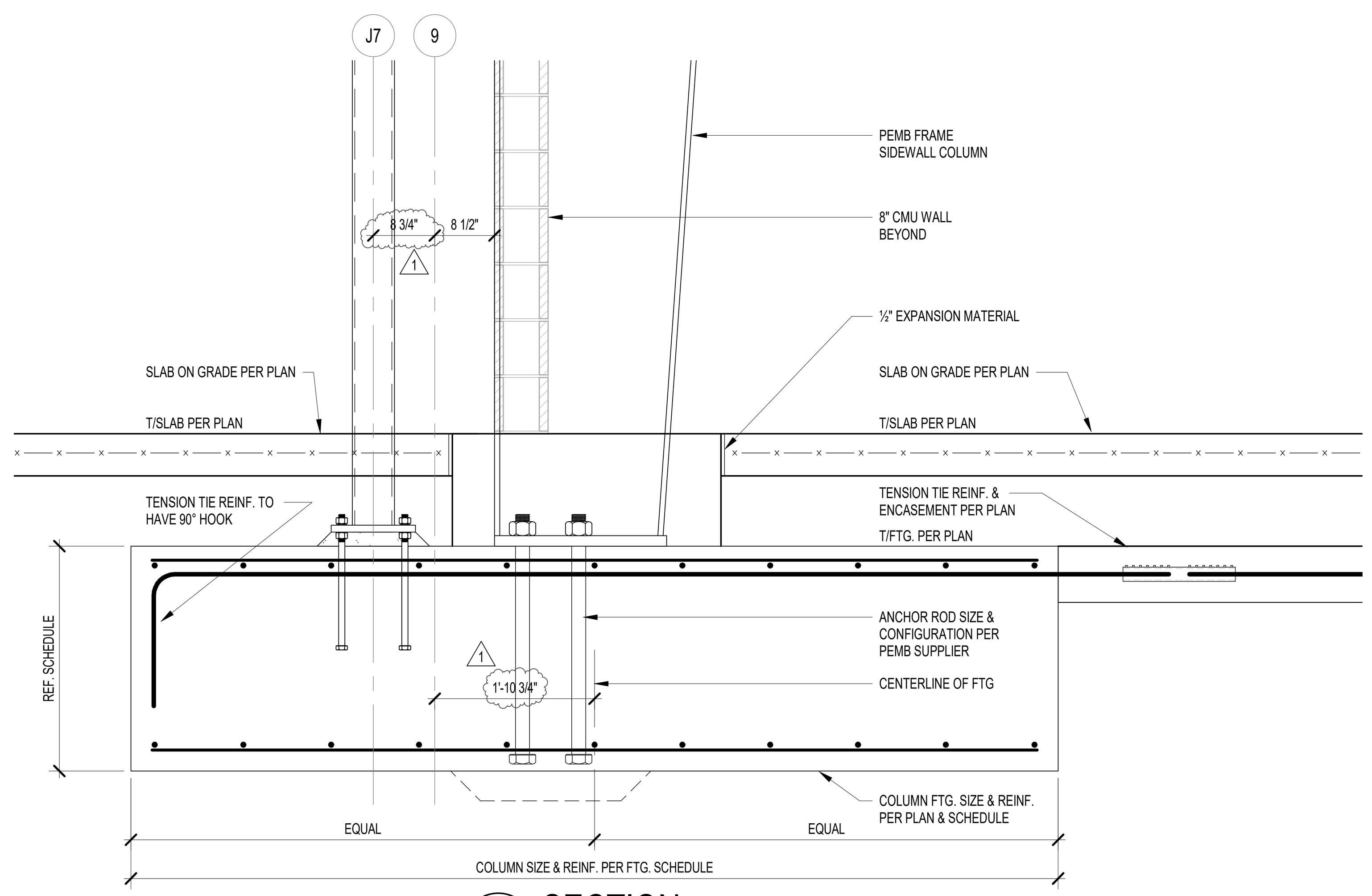

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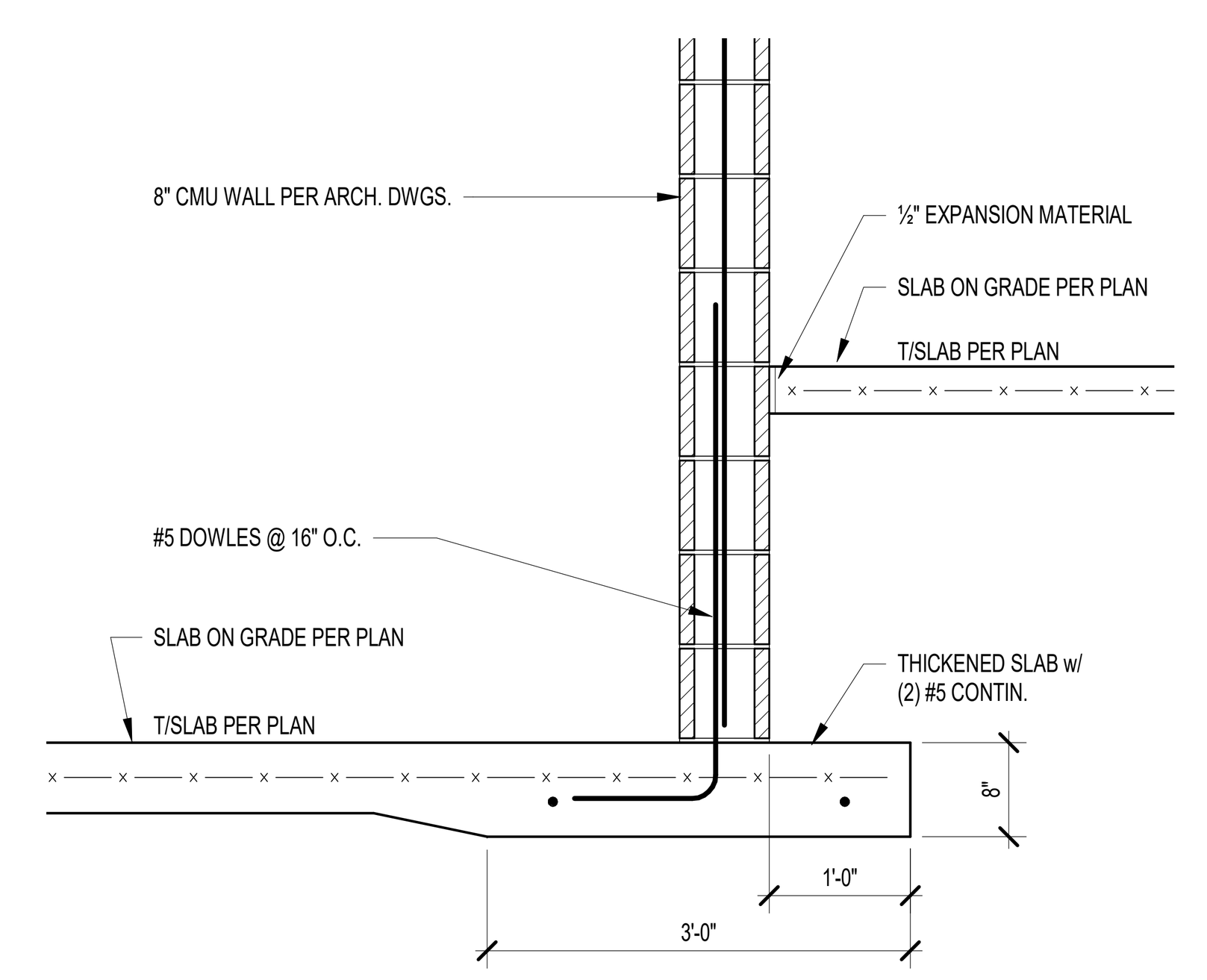

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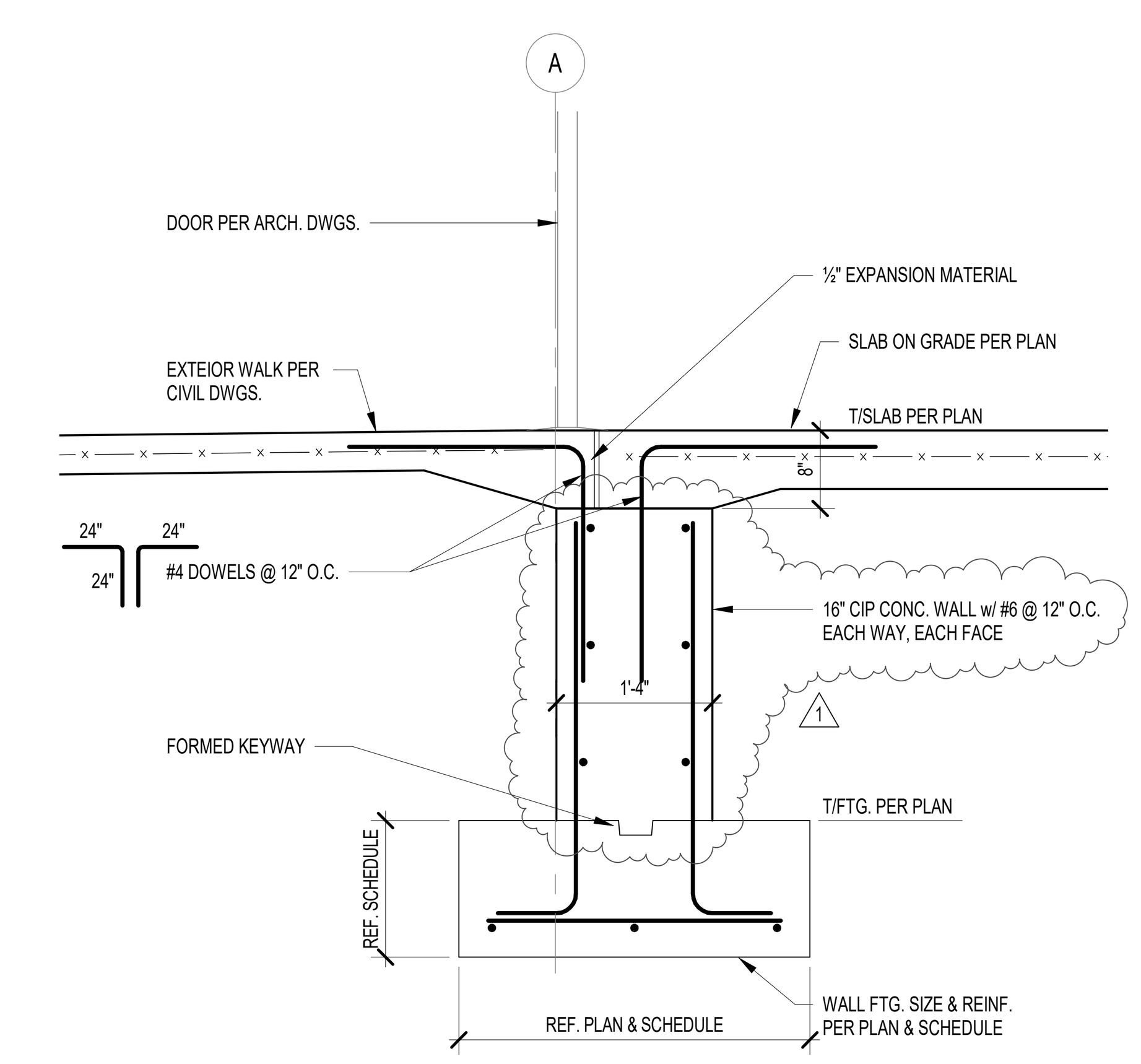

11 S601 SECTION
SCALE: 3/4" = 1'-0"

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550 Virginia Avenue
Indianapolis, IN 46203
STRUCTURAL ENGINEERS

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

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REVISIONS:

1	Addendum #1	2/15/2024

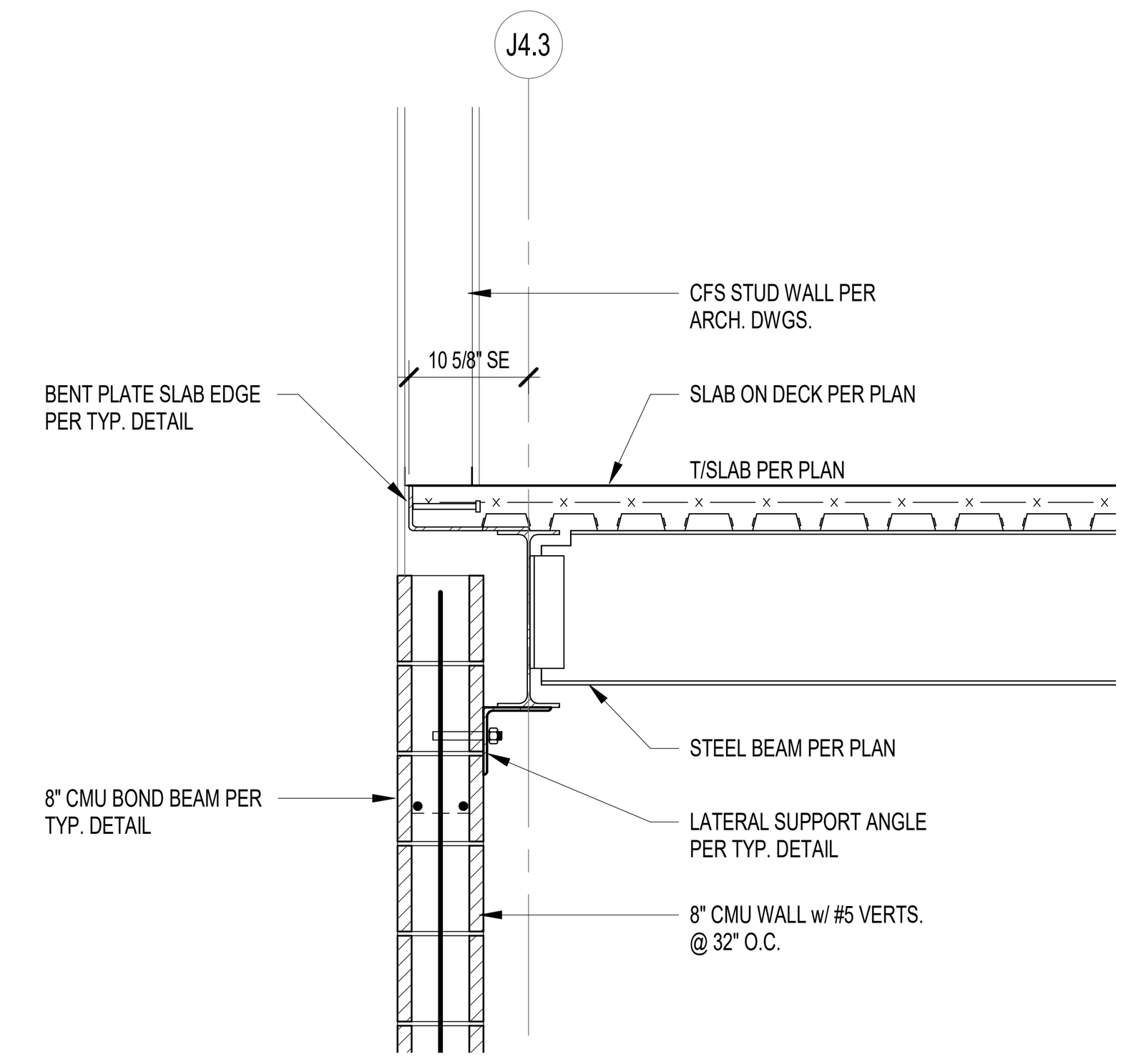
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	MDL	MDL

DRAWING TITLE:
FOUNDATION SECTIONS AND DETAILS

CERTIFIED BY:
MARK D. LAVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S601

PROJECT NUMBER
2022016



1 SECTION
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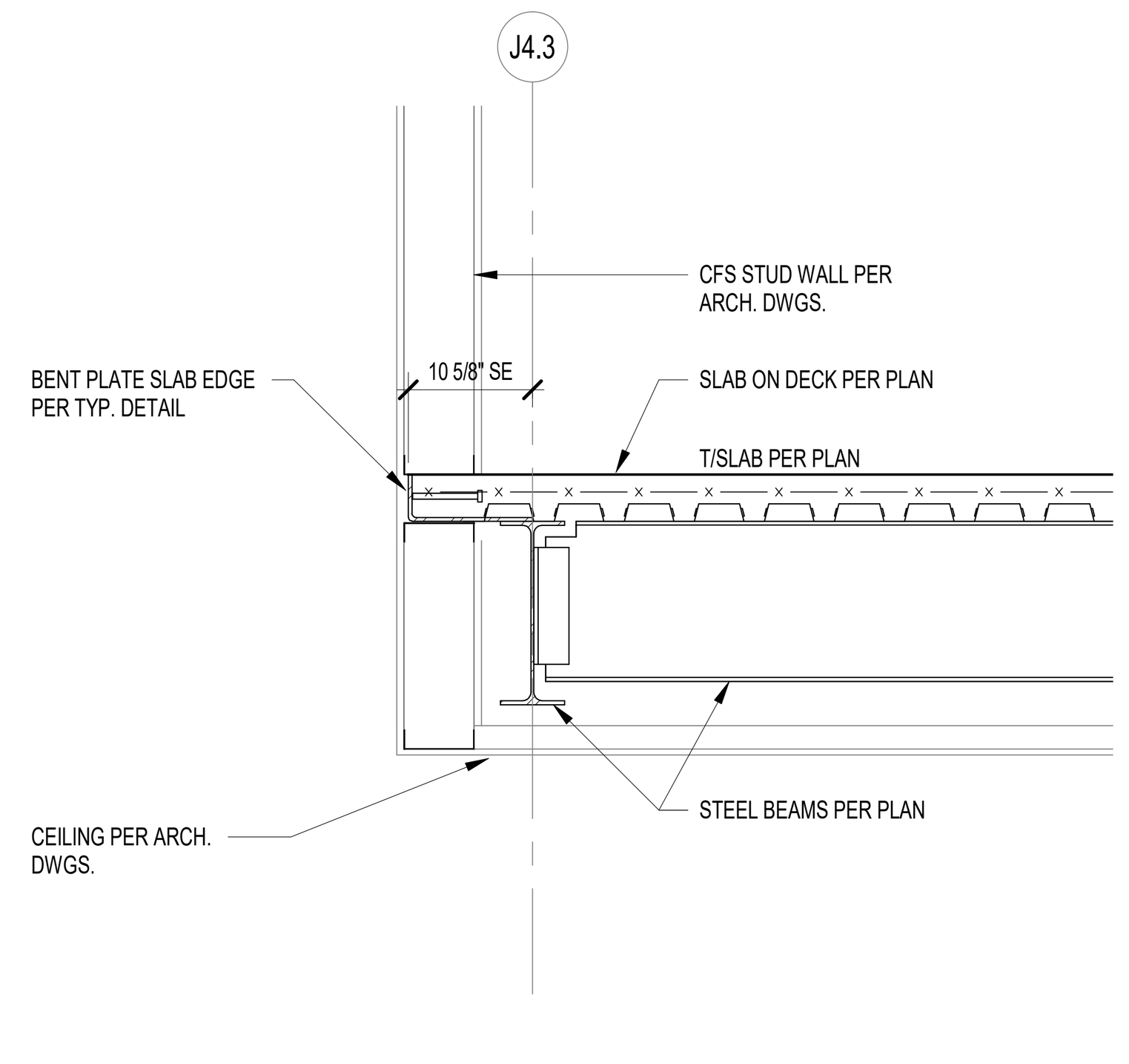

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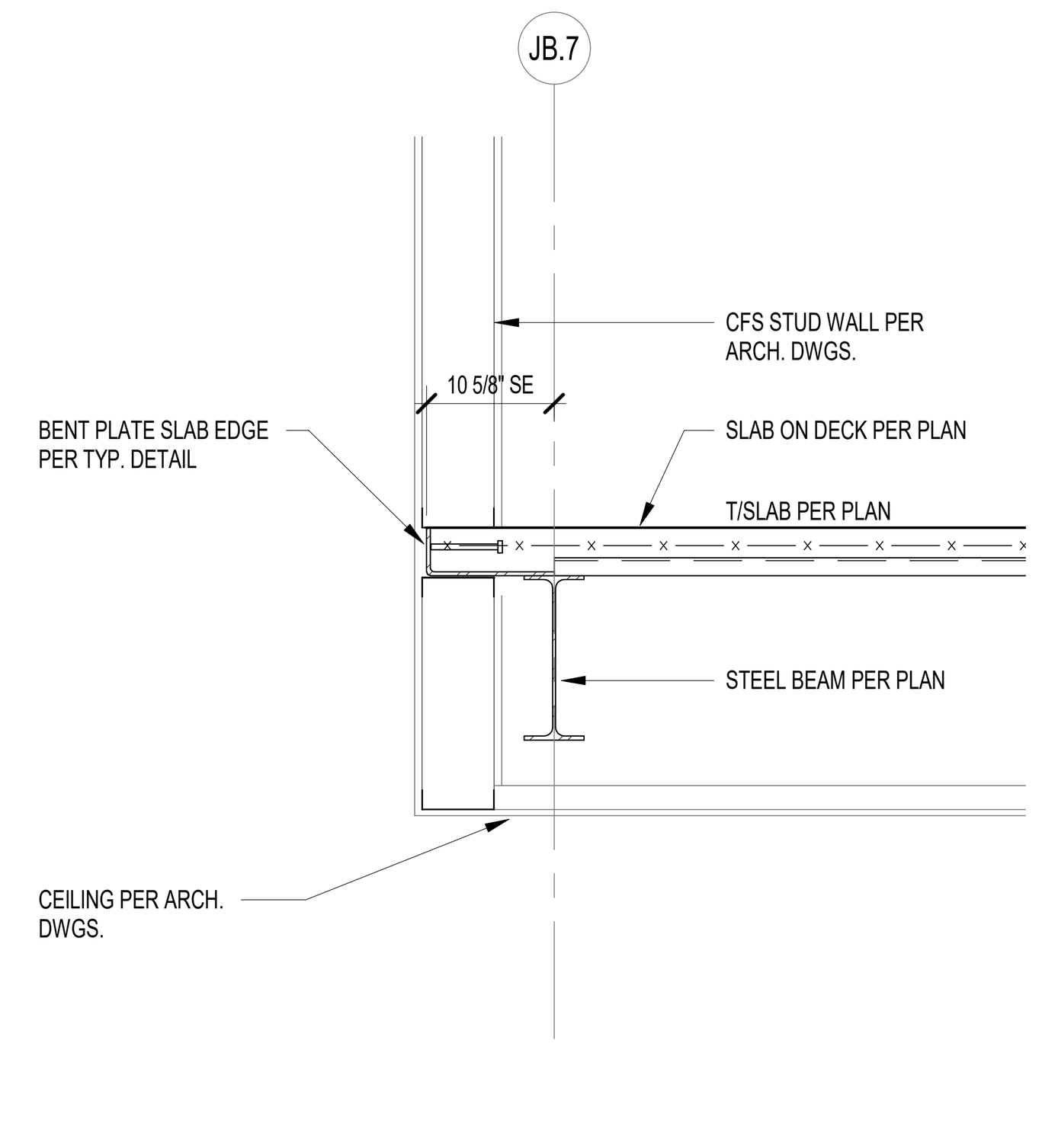

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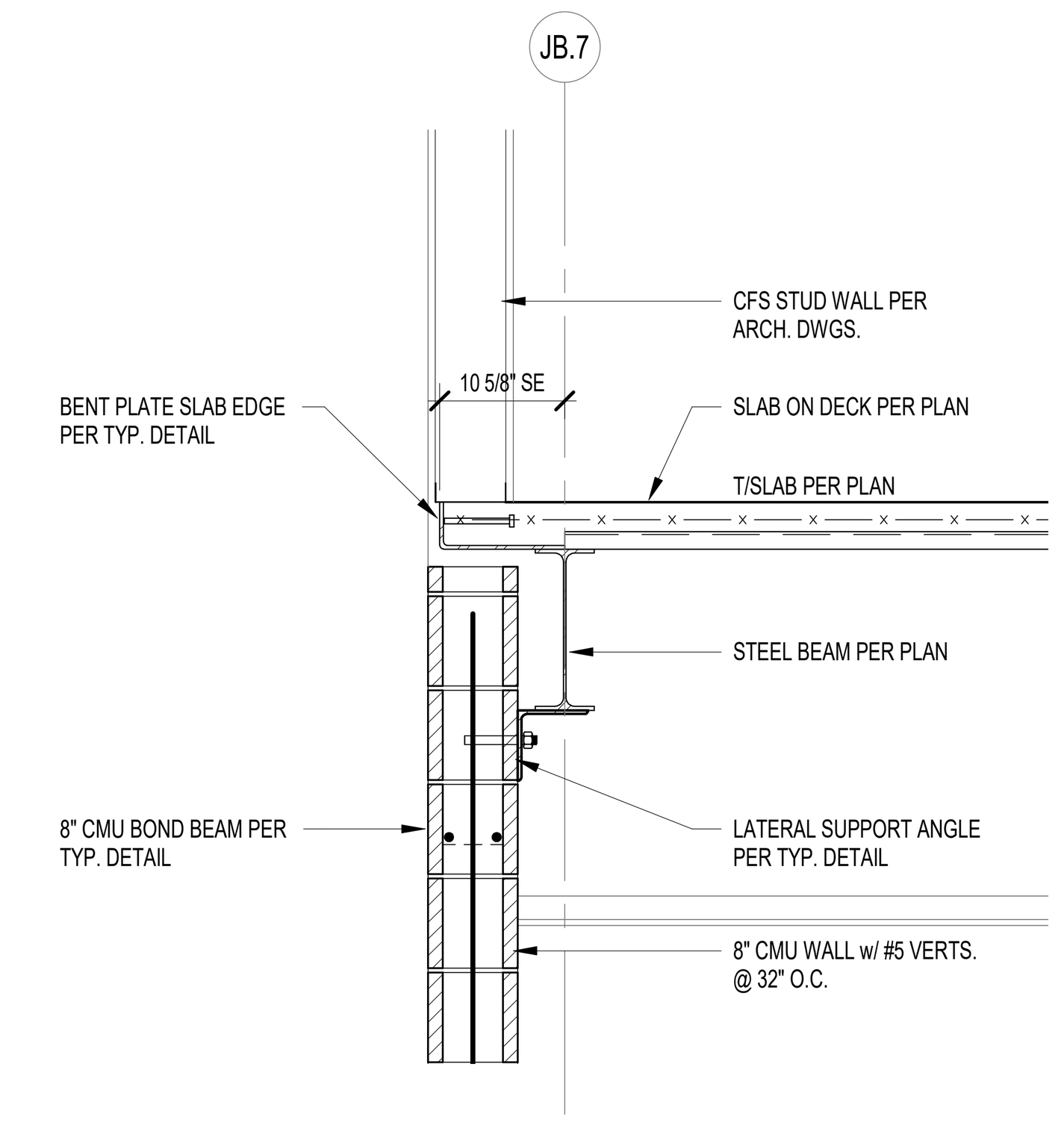

4 SECTION
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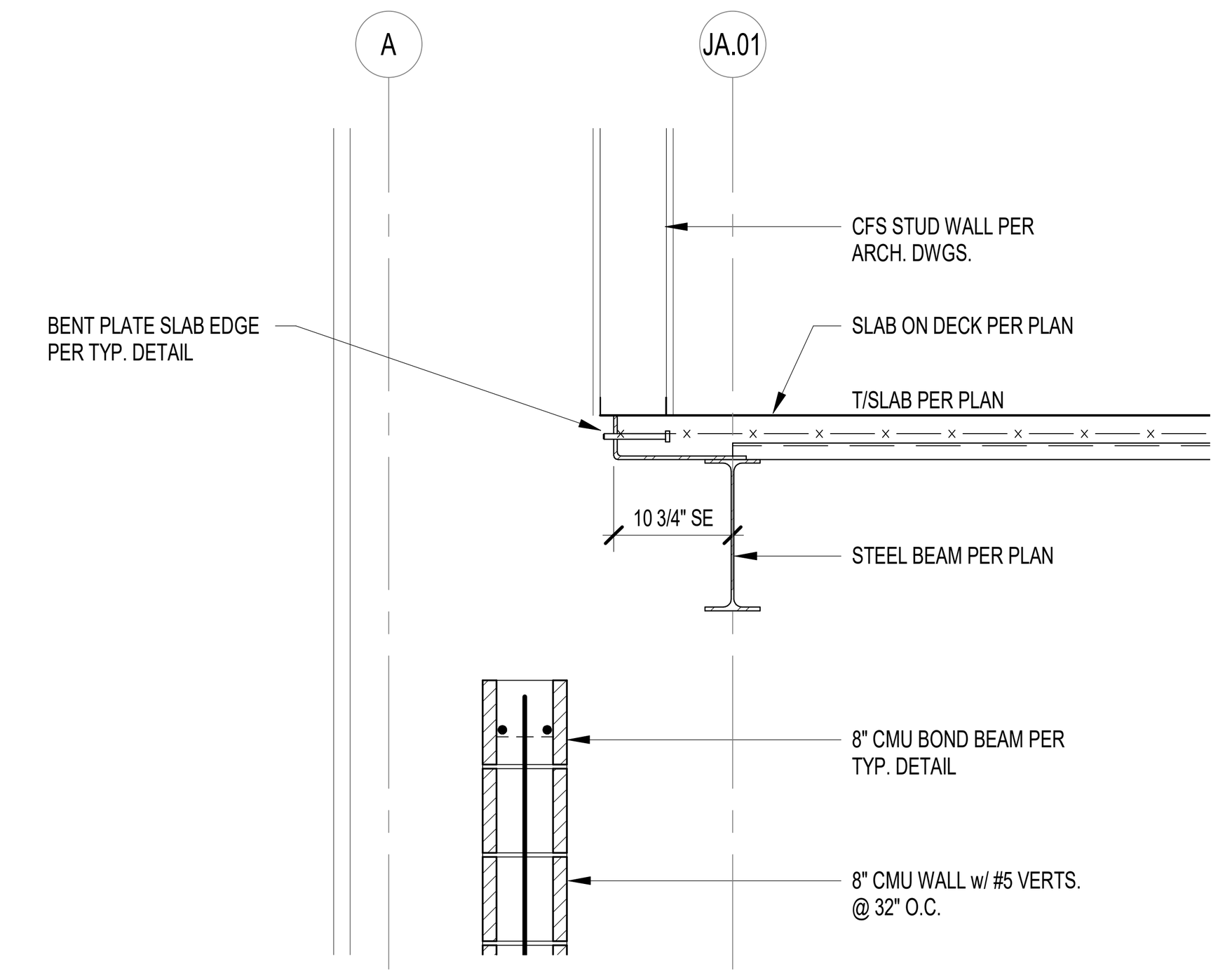

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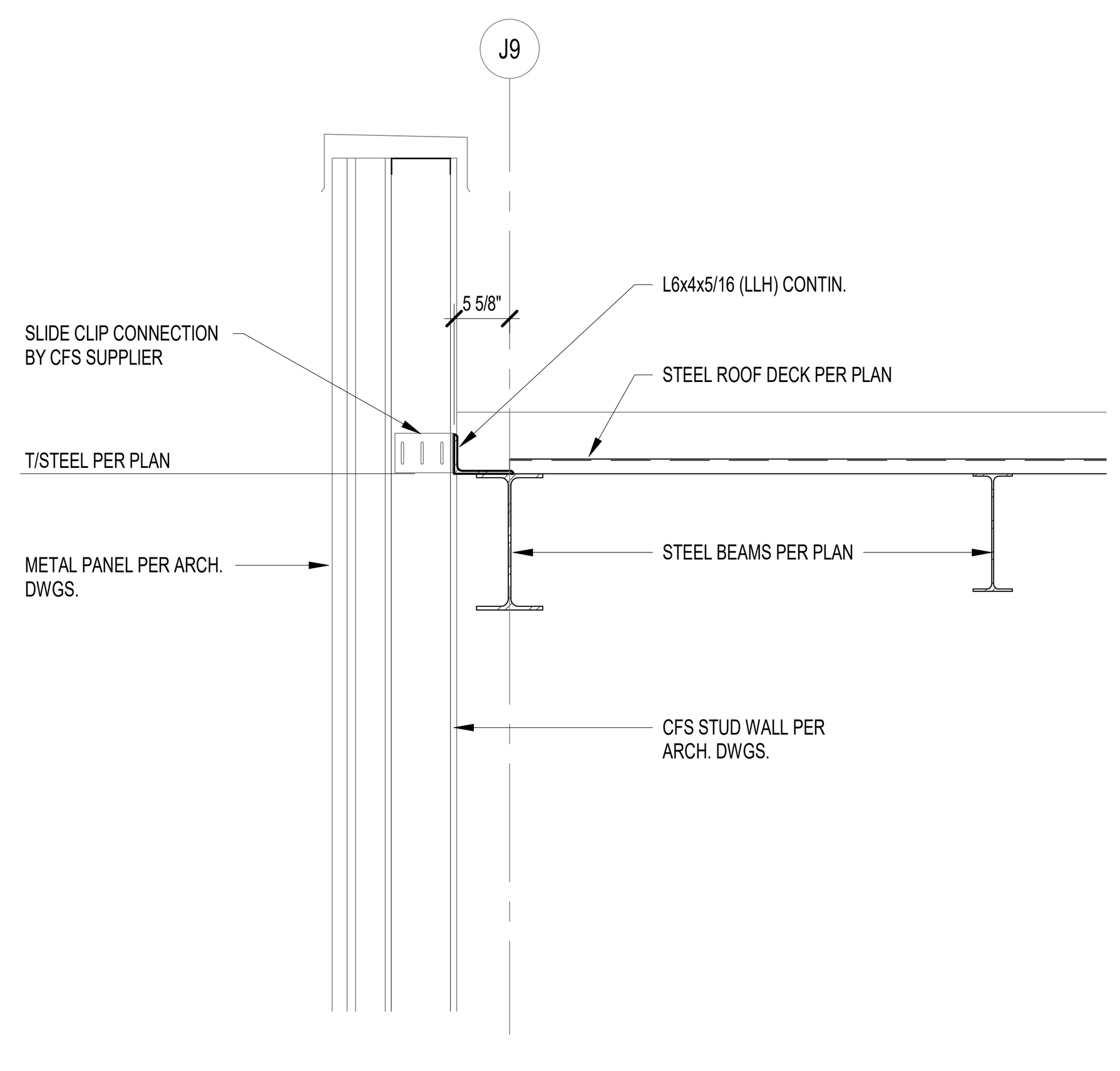

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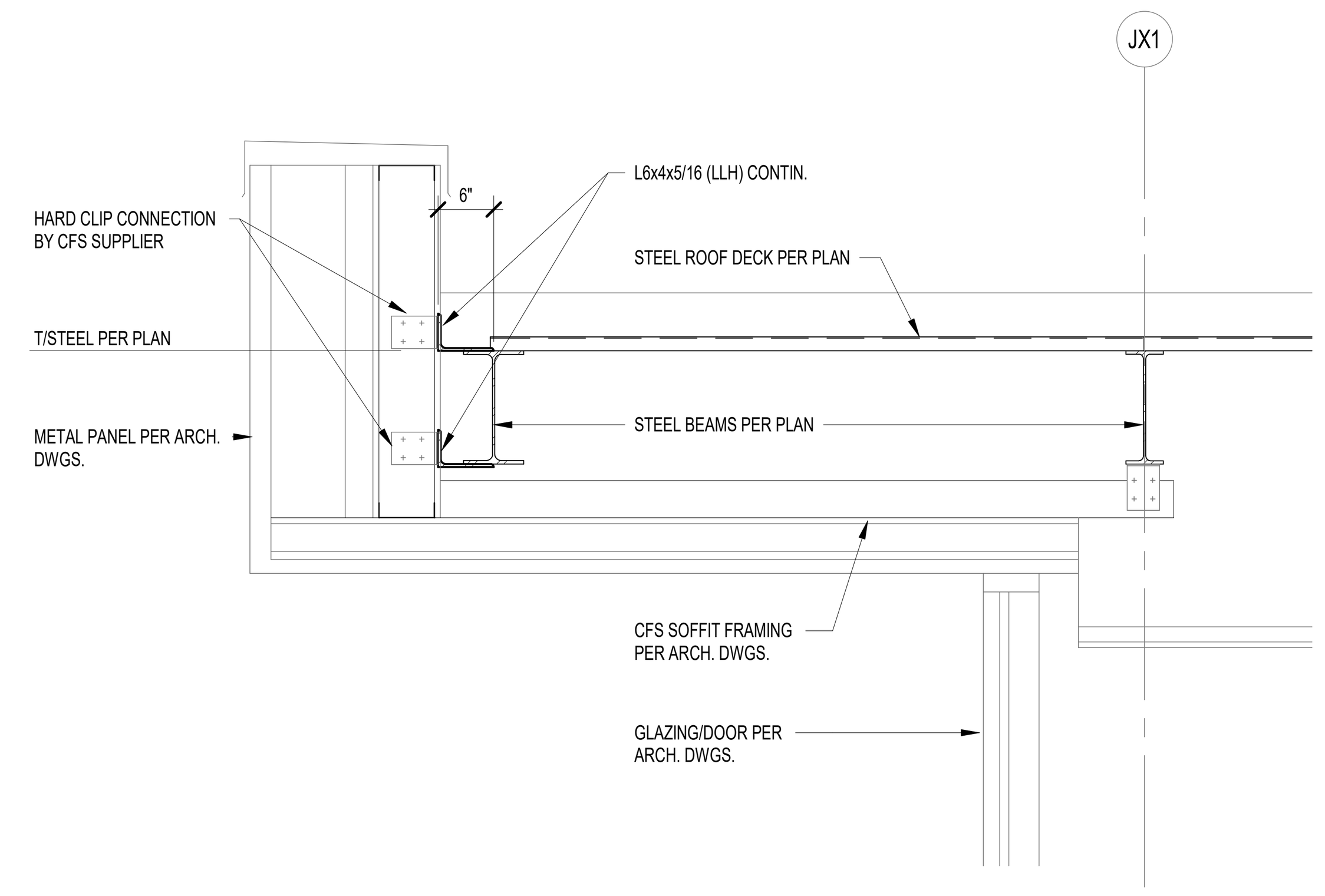

7 SECTION
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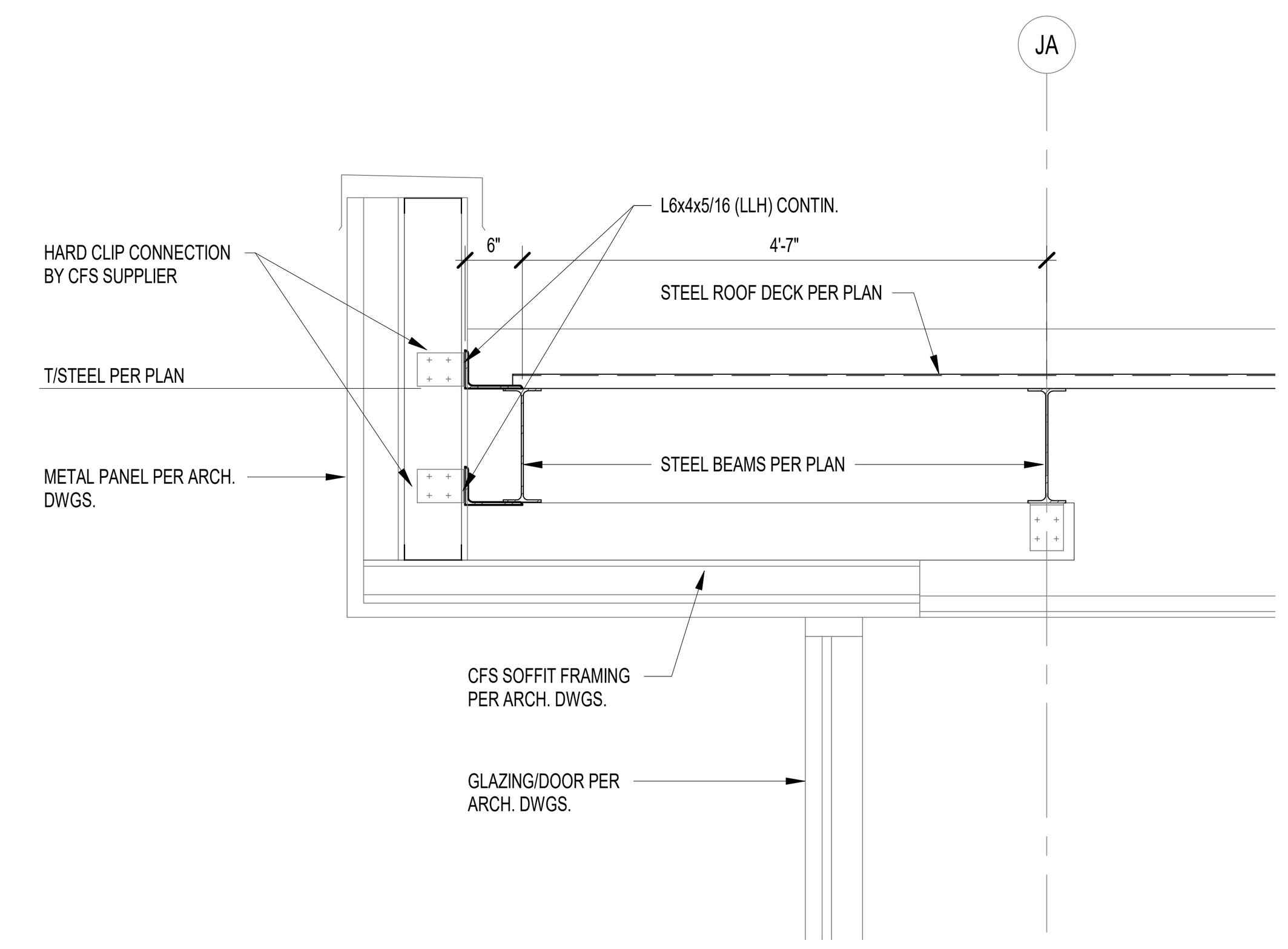
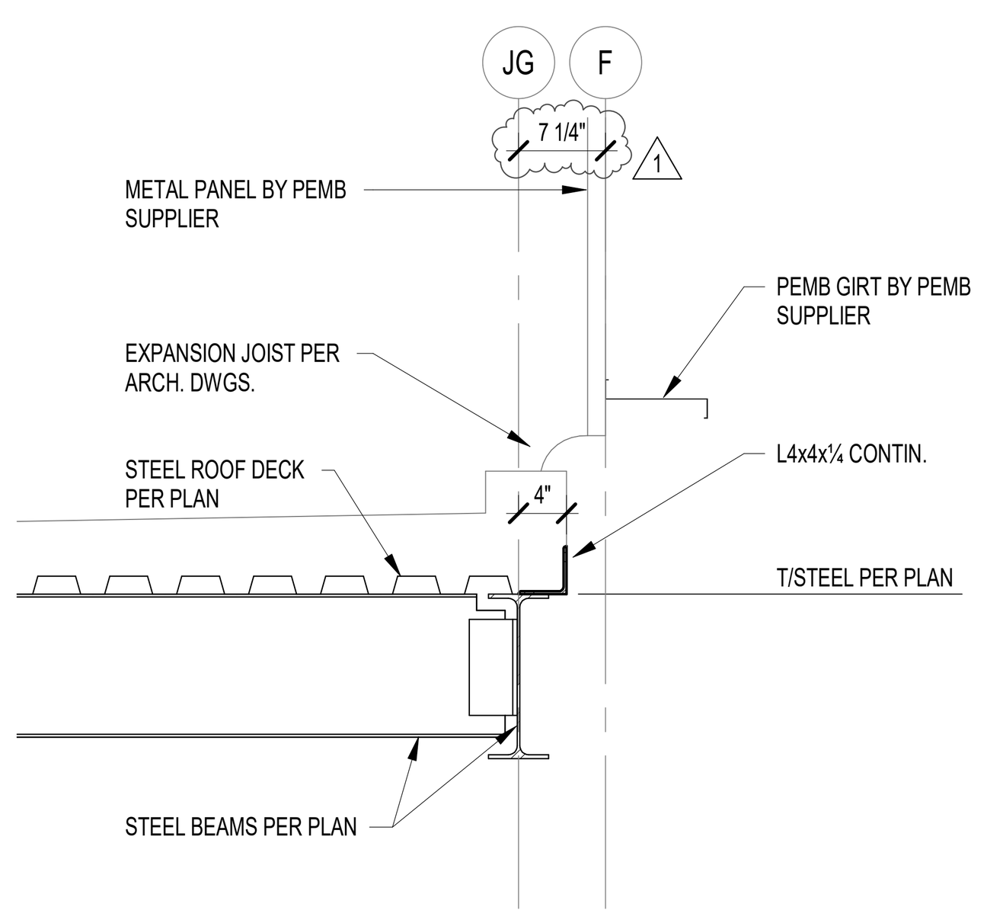
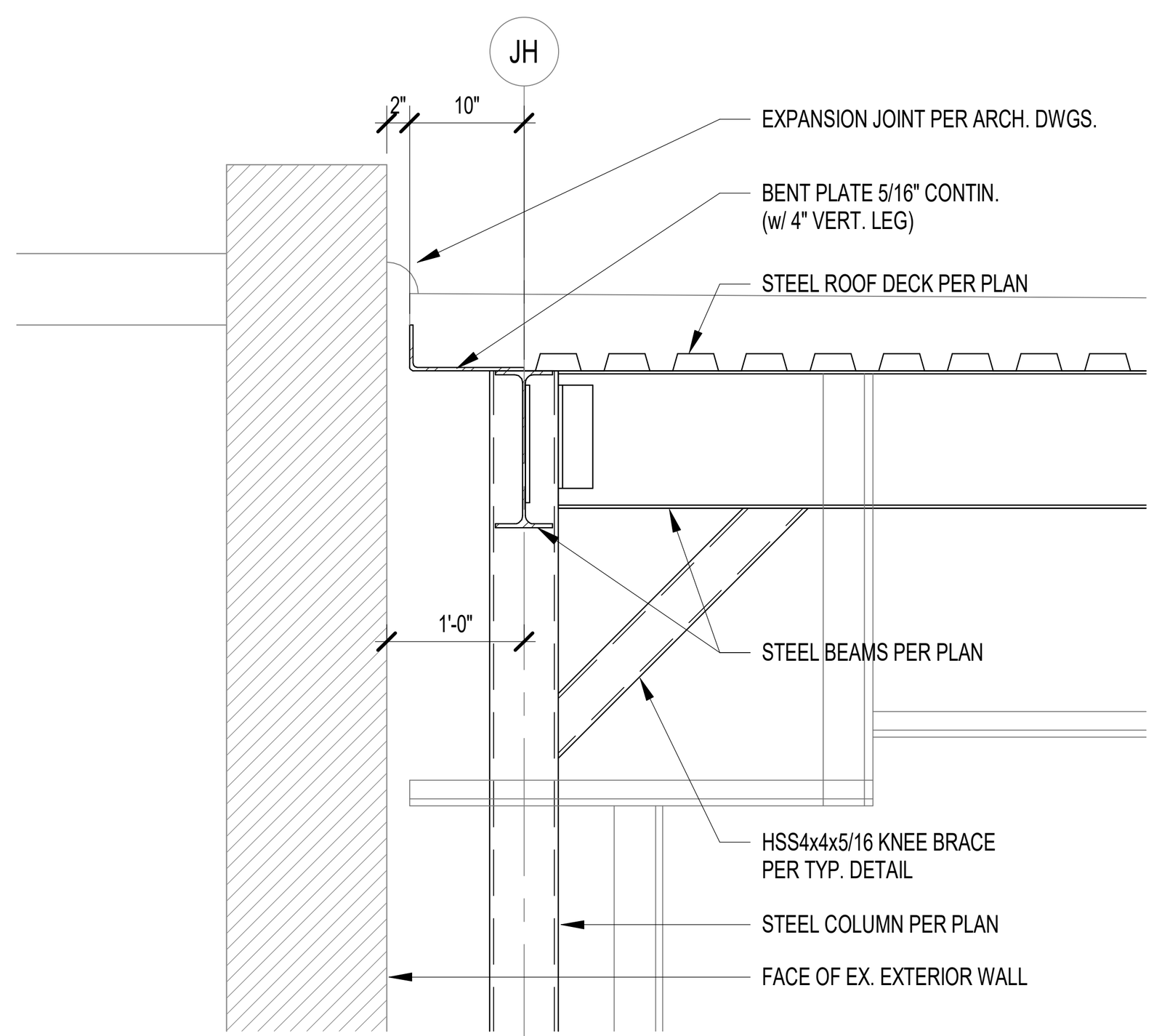


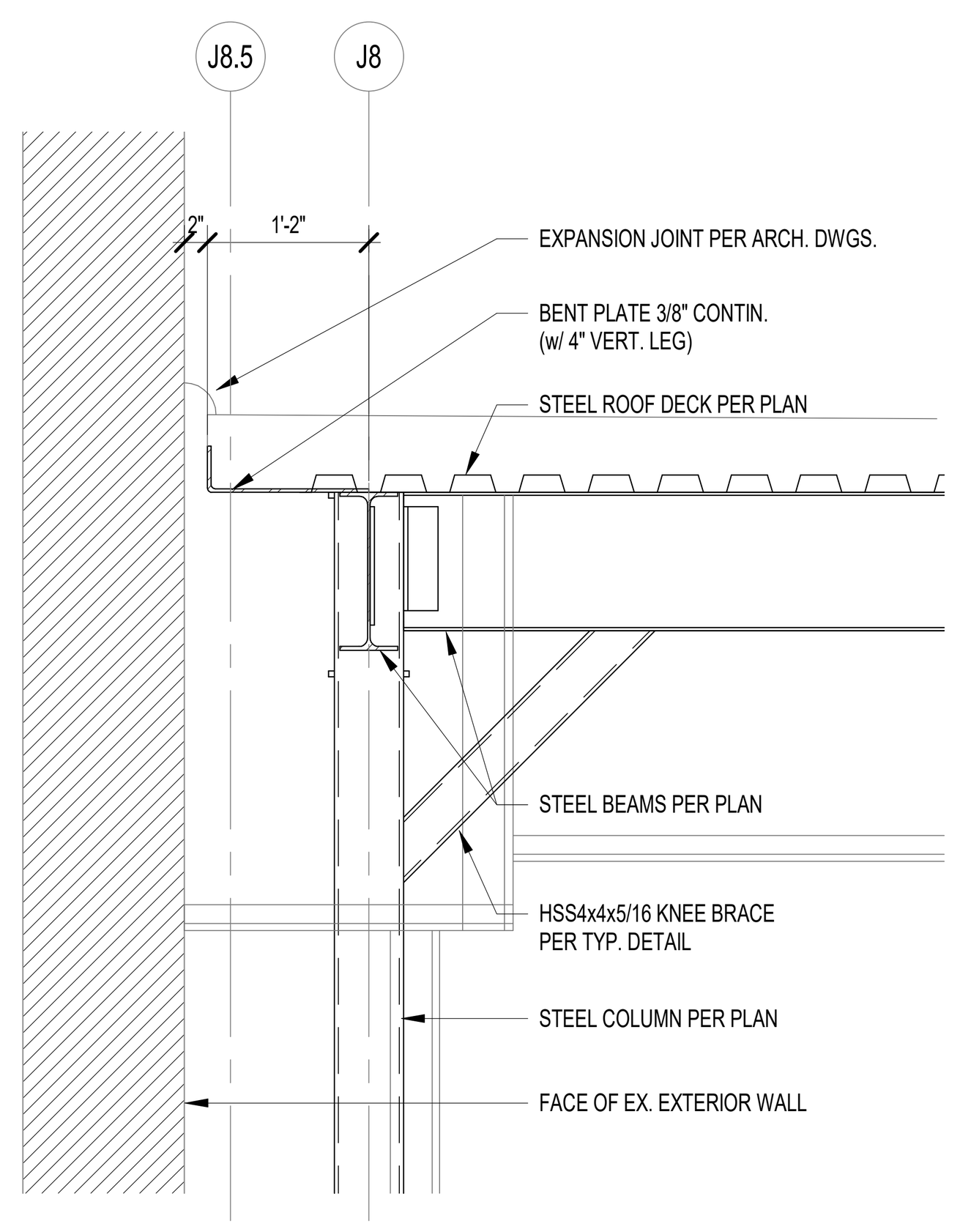
8 SECTION
S701 SCALE: 3/4" = 1'-0"



9 SECTION
S701 SCALE: 3/4" = 1'-0"



10 SECTION
S701 SCALE: 3/4" = 1'-0"



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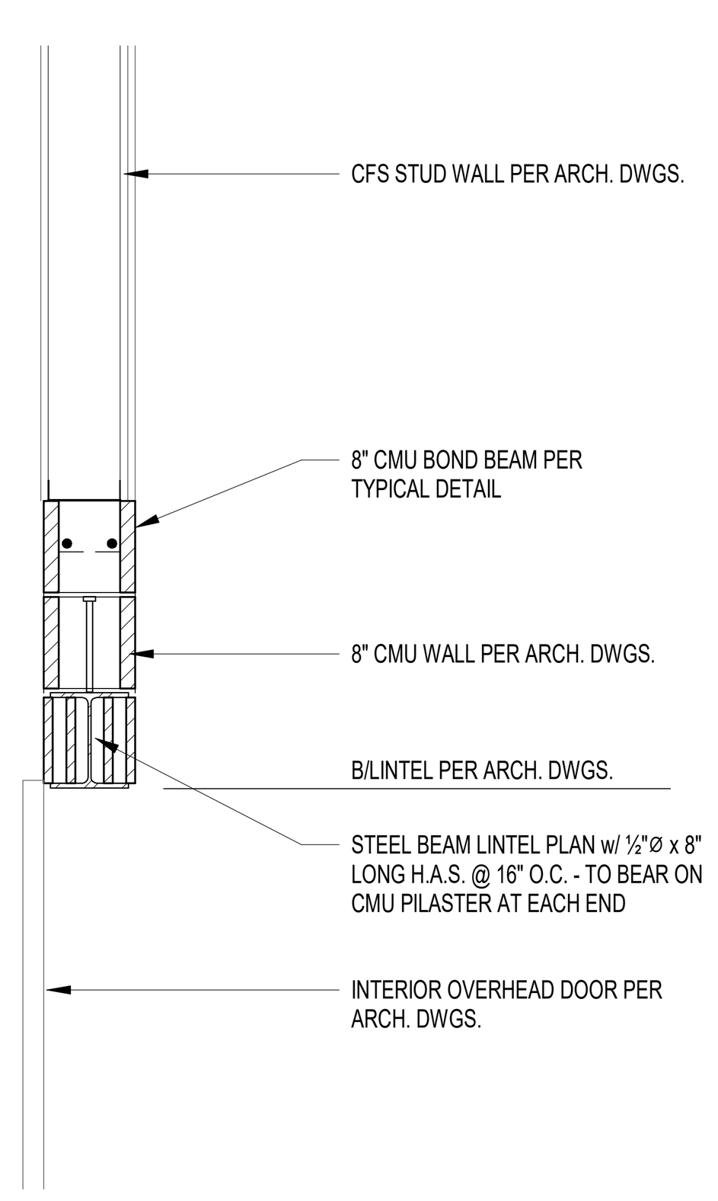

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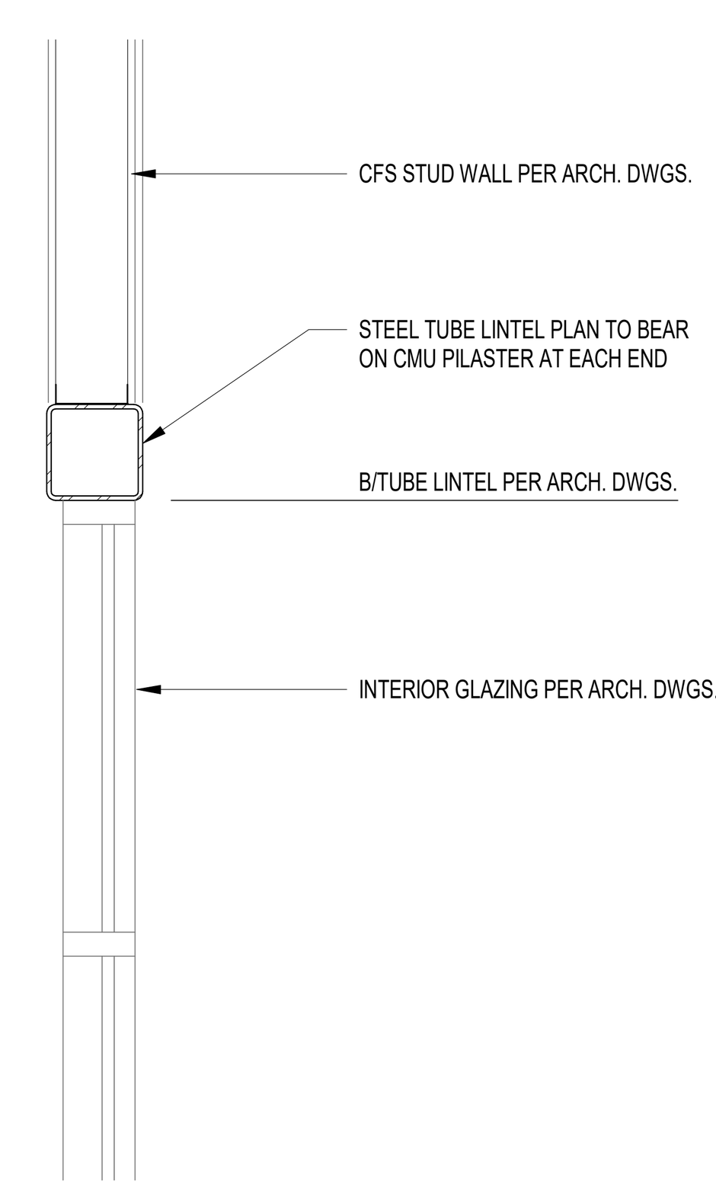
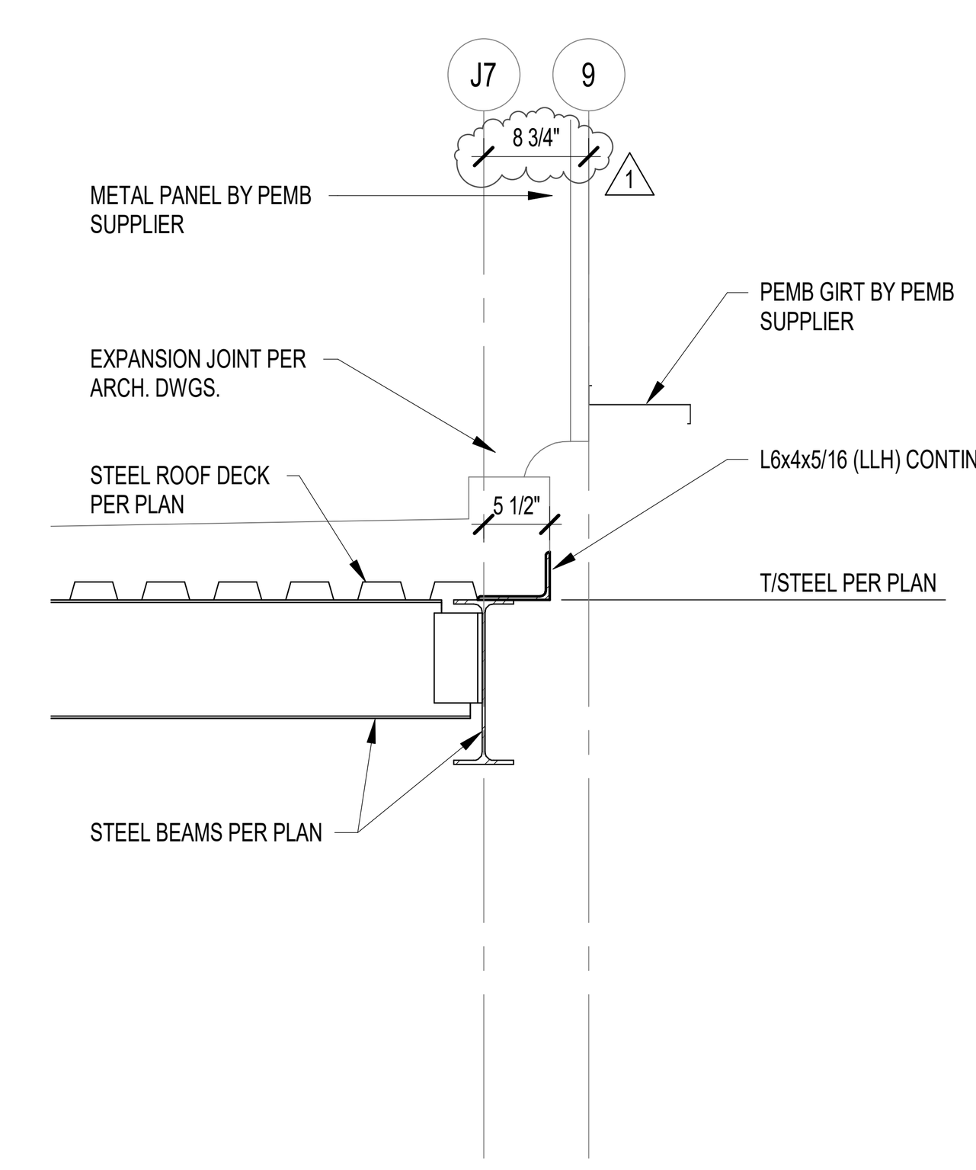
S701 SCALE: 3/4" = 1'-0"



13 SECTION
S701 SCALE: 3/4" = 1'-0"



14 SECTION
S701 SCALE: 3/4" = 1'-0"

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STRUCTURAL ENGINEERS

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

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

DRAWING TITLE:
FRAMING SECTIONS AND DETAILS

CERTIFIED BY:
MARK D. LaVIER
REGISTERED
PE19400114
STATE OF INDIANA
PROFESSIONAL ENGINEER

DRAWING NUMBER
S701

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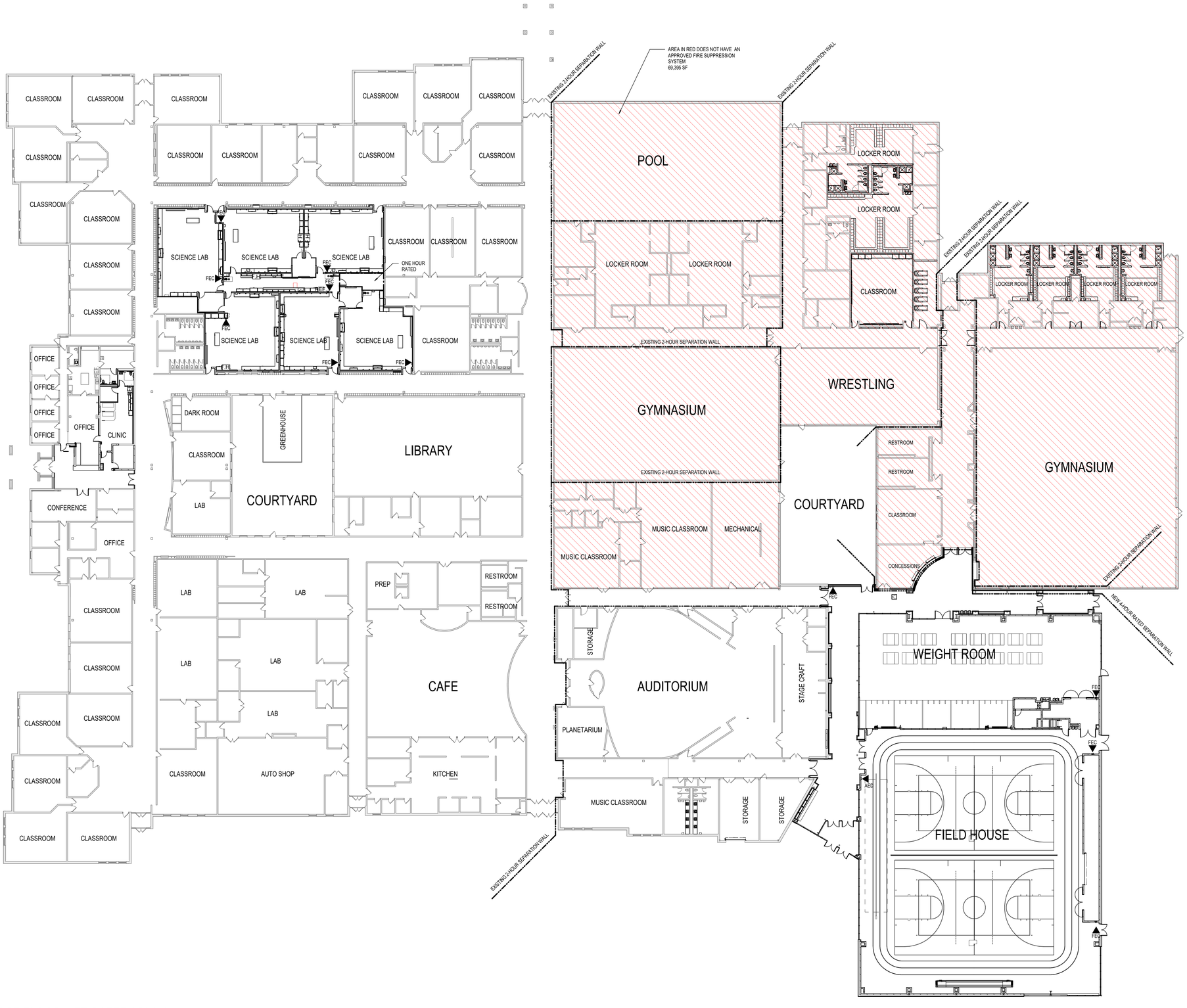
2022016



1 A110 FIRST FLOOR LIFE SAFETY PLAN
SCALE: 3/64" = 1'-0"

BUILDING CODE ANALYSIS

OCCUPANCY TYPE **E** TYPE OF CONSTRUCTION **II-B**

SPRINKLER SYSTEM
APPROVED AUTOMATIC FIRE SUPPRESSION SYSTEM INSTALLED IN PARTIAL BUILDING

ACTUAL FLOOR AREA

AREA SUMMARY	EXISTING	RENOVATION	ADDITION	BUILDING TOTAL
	182,267 SF	26,084 SF	30,703 SF	212,970 SF

AUTOMATIC FIRE SUPPRESSION SYSTEM COVERAGE

AREA SUMMARY	NO FIRE SUPPRESSION	APPROVED FIRE SUPPRESSION
	69,395 SF	143, 575 SF

EGRESS

NUMBER OF EXITS: NEW ROOMS ARE REQUIRED TWO MEANS OF EGRESS WHEN:

	AREA	OCCUPANTS	LOAD FACTOR	COMMON PATH OF TRAVEL
CLASSROOMS	>1,000 SF	>50	20 SF/PERSON	>75 FEET
BUSINESS	>5,000 SF	>50	100 SF/PERSON	>100 FEET
ASSEMBLY	>350 OR 750 SF	>50	7 OR 15 SF/PERSON	>75 FEET

EGRESS CAPACITY: 0.2 INCHES PER PERSON AT DOORS

TRAVEL DISTANCE: TABLE 1016.2, IBC LIMITS THE MAXIMUM TRAVEL DISTANCE IN A NON-SPRINKLED BUILDING.
E OCCUPANCY 200 FEET

DOOR SWING: DOORS SERVING AN AREA CONTAINING AN OCCUPANT LOAD OF 50 OR MORE PERSONS SHALL SWING IN THE DIRECTION OF EGRESS TRAVEL (SECTION 1008.1.2. IBC).

FIRE RESISTANCE RATING REQUIREMENTS FOR BUILDING ELEMENTS
(RATINGS IN HOURS FOR TYPE II)

BUILDING ELEMENT:	MINIMUM FIRE RESISTANCE:
BEAMS	0 (TABLE 601)
COLUMNS	0 (TABLE 601)
EXTERIOR BEAMING WALLS	0 (TABLE 601)
EXTERIOR NON-BEARING WALLS	X < 30 = 0; 10 ≤ X = 0 (TABLE 601 & 602)
INTERIOR BEARING WALLS (PARTITIONS)	0 (TABLE 601 AND SEC 602.2)
FLOOR CONSTRUCTION	0 (TABLE 601)
ROOF CONSTRUCTION	0 (TABLE 601)
CORRIDORS	0 (TABLE 1018.1)
STAIRWAYS	UNENCLOSED STAIRWAYS SHALL BE PERMITTED (SEC 1020.1, EXCEPTION 9)

APPLICABLE CODES AND STANDARDS

INDIANA BUILDING CODE - 2014 (2012 INTERNATIONAL BUILDING CODES & STATE AMENDMENTS)
INDIANA FIRE CODE - 2014 (2012 INTERNATIONAL FIRE CODES & STATE AMENDMENTS)
INDIANA ELECTRICAL CODE - 2009 (2008 NFPA 70 & STATE AMENDMENTS)
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INDIANA PLUMBING CODE - 2012 (2006 INTERNATIONAL PLUMBING CODES & STATE AMENDMENTS)
INDIANA ELEVATOR CODE - 2011 (ASME A17.1 - 2007 WITH STATE AMENDMENTS)
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NFPA 13 - 2010 EDITION, INSTALLATION OF SPRINKLER SYSTEMS
NFPA 72 - 2010 EDITION, NATIONAL FIRE ALARM CODE
GENERAL ADMINISTRATION RULES (675 IAC 12)
AMERICANS WITH DISABILITIES ACT (FEDERAL LAW) JULY 26, 1992

BUILDING CODE LEGEND

- 1-HOUR FIRE BARRIER
- 4- HOUR FIRE BARRIER
- FEC — FIRE EXTINGUISHER CABINET
- FEB — FIRE EXTINGUISHER BRACKET
- AED — AUTOMATED EXTERNAL DEFIBRILLATOR CABINET

LIFE SAFETY LEGEND

EGRESS LEGEND

- ROOM NAME
- XXX — ROOM NUMBER
- 842 SF — ROOM SIZE (S.F.)
- 20 — EGRESS REQUIREMENT PER IBC TABLE 1004.1.2
- 43 — CODE OCCUPANT LOAD / CAPACITY
- 2 — ACCESSORY OCCUPANT LOAD / CAPACITY

1 3'-0" DOOR (33.2" CLEAR WIDTH) AT 0.15" PER OCC. = 221 OCC.
1A 3'-0" DOOR (33.2" CLEAR WIDTH) AT 0.2" PER OCC. = 166 OCC.
2 PR. 3'-0" DOOR (66.4" CLEAR WIDTH) AT 0.15" PER OCC. = 442 OCC.
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3 PR. 4'-0" DOOR (90.4" CLEAR WIDTH) AT 0.15" PER OCC. = 603 OCC.

EXIT — DIRECTION OF EXIT PATH
141' — DISTANCE TO EXIT

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REVISIONS:

1	ADDENDUM #1	02-15-24

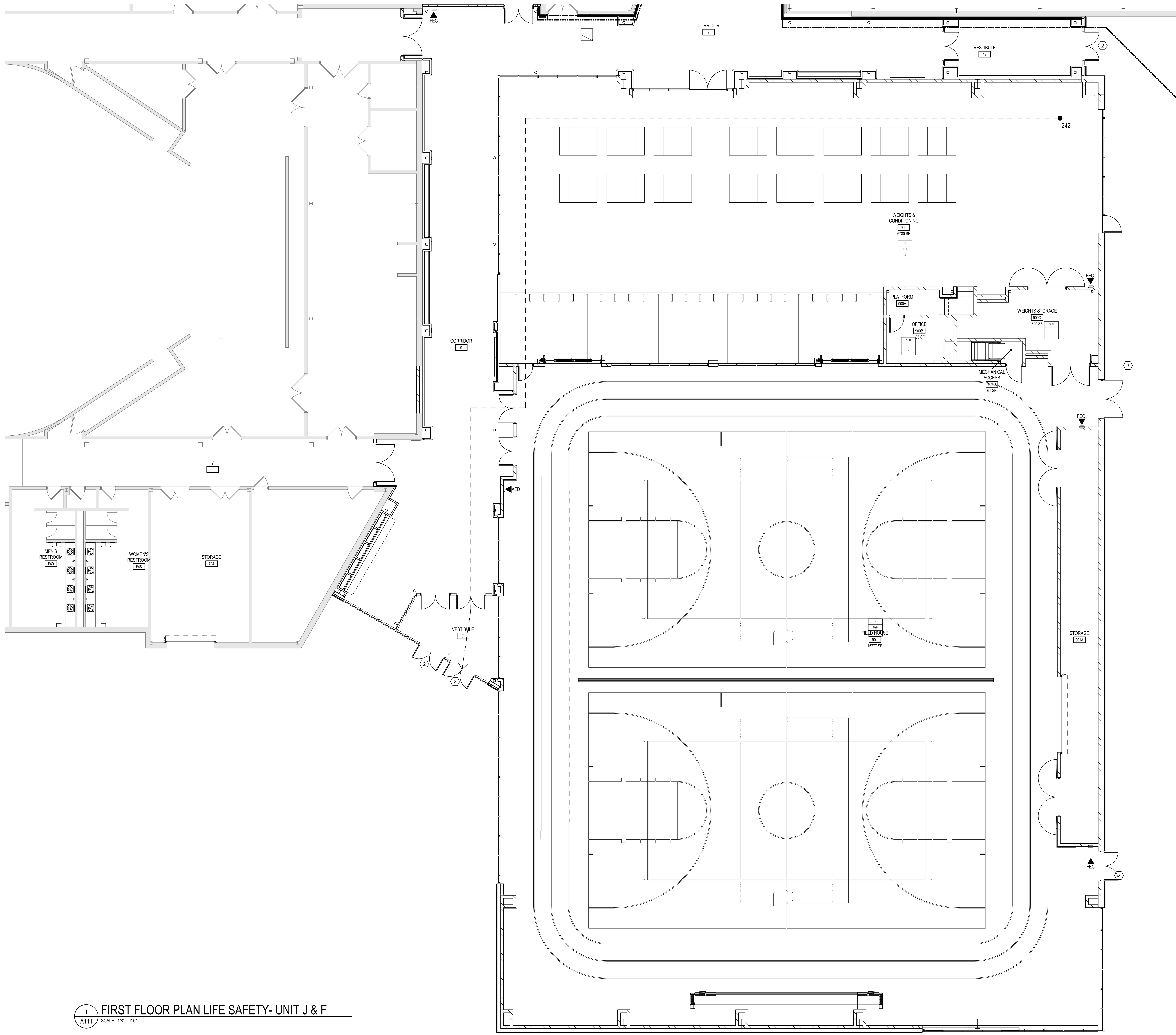
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR LIFE SAFETY PLAN

CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A110

PROJECT NUMBER
2022016



1 A111 FIRST FLOOR PLAN LIFE SAFETY- UNIT J & F

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

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LIFE SAFETY LEGEND

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REVISIONS:

1 ADDENDUM #1 02-15-24

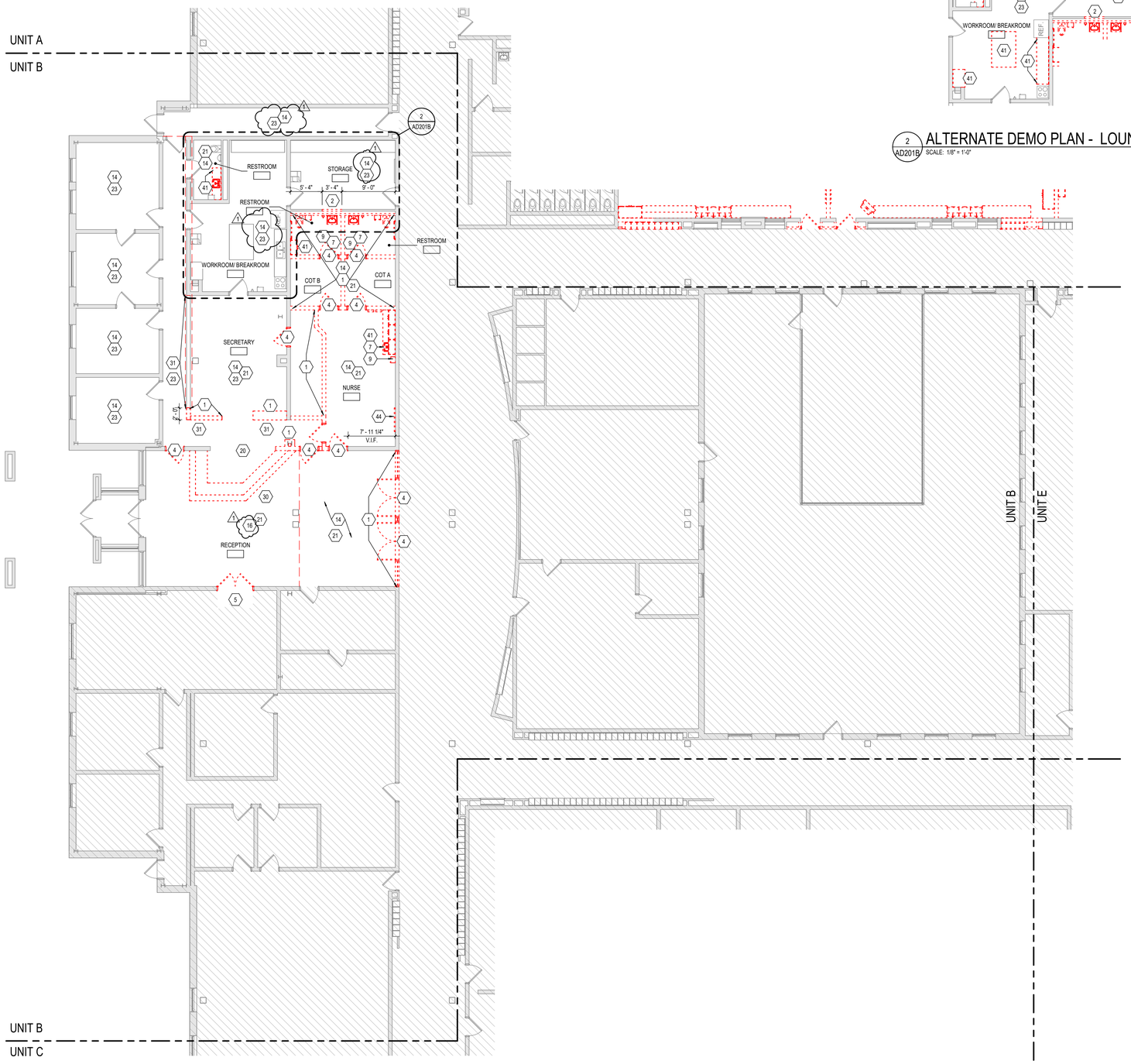
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
LIFE SAFETY PLAN - UNIT F

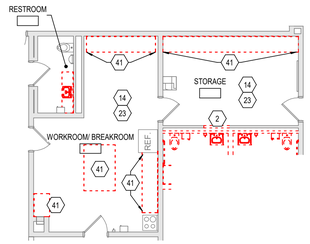
CERTIFIED BY:
JAMES ROBERT FUNK REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A111

PROJECT NUMBER
2022016



1 AD201B FIRST FLOOR DEMOLITION PLAN - UNIT B
SCALE: 1/8" = 1'-0"



2 AD201B ALTERNATE DEMO PLAN - LOUNGE & MAILROOM
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

A. HEAVY DASHED LINES INDICATE STRUCTURE, WALLS AND ITEMS TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
B. SOLID LINES INDICATE STRUCTURE, WALLS, & ITEMS TO REMAIN, UNLESS NOTED OTHERWISE.
C. PROTECT ALL FINISHES, EQUIPMENT & OTHER ITEMS TO REMAIN. WHERE DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE RESTORE TO ITS ORIGINAL CONDITION OR REPLACE.
D. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION AND RELATED CONDITIONS PRIOR TO STARTUP OF DEMOLITION OR NEW CONSTRUCTION.
E. COORDINATE EXTENTS AND EXACT DIMENSIONS WITH EXTENTS AND EXACT DIMENSIONS OF NEW WORK.
F. ANY AND ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND OWNER.
G. REMOVE ALL MISCELLANEOUS EQUIPMENT ATTACHED TO WALLS, FLOORS AND CEILINGS TO BE DEMOLISHED. COORDINATE WITH THE OWNER FOR ITEMS TO BE SALVAGED OR RE-INSTALLED.
H. REMOVE ANY ITEMS NOT SPECIFICALLY IDENTIFIED TO BE REMOVED WHICH MUST OBVIOUSLY BE DEMOLISHED TO ACCOMMODATE NEW WORK. VERIFY WITH ARCHITECT.
I. ALL OPENINGS, VOIDS, OR DAMAGED SURFACES LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, WINDOWS, ETC., SHALL BE PATCHED & REPAIRED TO MATCH SURROUNDING WORK. PREPARE TO RECEIVE NEW FINISHES AS REQUIRED.
J. REMOVE ALL MASTIC, ADHESIVES, FASTENERS AND OTHER MATERIALS WHERE FINISHES (SUCH AS FLOORING, BASE) AND EQUIPMENT (SUCH AS CASEWORK, TACKBOARDS, MARKERBOARDS, MECHANICAL ITEMS, ETC.) HAVE BEEN REMOVED AT EXISTING SURFACES TO REMAIN.
K. CONSTRUCT DUST AND SOUND CONTROL BARRIERS PRIOR TO THE START OF WORK.
L. SEE SPECIFICATIONS FOR ASSIGNMENT OF RESPONSIBILITIES PERTAINING TO PATCHING AND REPAIR WORK REQUIRED OF EACH TRADE.
M. DEMOLITION WORK TO BE COMPLETED BY MECHANICAL/PLUMBING, ELECTRICAL TRADES IS SHOWN ON OTHER SHEETS IN THIS SET OF CONTRACT DOCUMENTS. THIS CONTRACTOR SHALL REVIEW THE DEMOLITION WORK OF OTHER TRADES TO DETERMINE WHERE SUCH WORK COULD AFFECT HIS WORK AND SHALL COORDINATE HIS WORK WITH THE WORK OF ALL OTHER TRADES.
N. AT NEW OPENINGS IN EXISTING BRICK MASONRY WALLS, TOOTH IN BRICK TO MATCH EXISTING.
O. EXISTING CONCRETE MASONRY WALLS ARE STACK BOND. DEMOLISH TO NEAREST FULL COURSE FOR NEW WORK. PATCH IN NEW CMU AS REQUIRED IN STACK BOND.
P. WHERE EXISTING SURFACE MOUNTED VISUAL DISPLAY BOARDS (MARKER, CHALK, TACK BOARDS) ARE BEING REMOVED FROM WALLS, WALL SURFACE BEHIND BOARD IS TO BE PREPARED TO MATCH TEXTURE OF SURROUNDING SURFACES. PROVIDE BLOCK FILLER AS REQUIRED AND PATCH MOUNTING HOLES COMPLETE. REMOVE PAINT BUILD UP AT BOARD EDGES.
Q. CONTRACTOR IS RESPONSIBLE FOR PREP WORK REQUIRED FOR FLOOR SLAB TO RECEIVE NEW FINISHES. PREP WORK TO INCLUDE: PATCH FLOOR SLAB AT AREAS THAT WILL BE CUT TO ACCOMMODATE NEW PLUMBING LINES OR WHERE CAPPING OF EXISTING LINES BELOW THE SLAB IS REQUIRED AND FILLING IN HOLES IN SLAB WHERE EXISTING MEP HAS BEEN ABANDONED.

DEMOLITION NOTES

1 DEMOLISH EXISTING INTERIOR WALL CONSTRUCTION AS INDICATED. PROTECT STRUCTURE TO REMAIN. PATCH AND REPAIR FLOOR AS REQUIRED TO RECEIVE NEW FLOOR FINISH. PATCH AND REPAIR ADJACENT WALLS TO REMAIN THAT ARE DISTRURBED BY DEMOLITION WORK. WHERE CMU WALLS ARE DEMOLISHED, OVER DEMO WALL BEYOND FLOOR LEVEL AS NEEDED FOR NEW FLOOR FINISH.
2 REMOVE PORTION OF WALL TO PREPARE FOR NEW OPENING
3 INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION
4 REMOVE EXISTING DOOR(S), HOLLOW METAL FRAME AND HARDWARE COMPLETE INCLUDING TRANSOMS, SIDELIGHTS (WHERE APPLICABLE), ANCHORS, GLAZING, ETC.
5 REMOVE DOOR AND INSTALL DOORSWING INVERSELY FROM ORIGINAL SWING
6 REMOVE EXISTING DOOR(S), HOLLOW METAL FRAME AND HARDWARE COMPLETE AND INFILL OPENING TO MATCH ADJACENT WALL CONSTRUCTION
7 REMOVE EXISTING PLUMBING FIXTURE(S), COMPLETE. SEE ALSO PLUMBING DRAWINGS.
8 REMOVE EXISTING TOILET PARTITIONS AND / OR URINAL SCREENS COMPLETE, INCLUDING ANCHORS, HARDWARE, ACCESSORIES, ETC.
9 REMOVE EXISTING TOILET ACCESSORIES THIS ROOM COMPLETE.
10 REMOVE EXISTING STOREFRONT / CURTAINWALL ASSEMBLY COMPLETE INCLUDING DOORS AND HARDWARE, SIDELIGHTS, TRANSOMS, ANCHORS, GLAZING, ETC.
11 REMOVE EXISTING EXTERIOR ALUMINUM WINDOW COMPLETE.
12 DEMOLISH EXISTING PORTION OF BUILDING COMPLETE, INCLUDING ALL EXTERIOR WALL ASSEMBLIES, WINDOWS, DOORS, CONCRETE FLOOR SLABS, ROOFING, STEEL STRUCTURE, FOOTINGS AND FOUNDATIONS; CAP AND TERMINATE ALL UTILITIES AS REQUIRED FOR NEW WORK.
13 CUT EXISTING SLAB AS INDICATED
14 REMOVE EXISTING LAY IN ACOUSTIC TILES AND CEILING GRID COMPLETE.
15 REMOVE ENTIRE CONCRETE SLAB AS INDICATED INCLUDING ALL FLOOR FINISHES, PREP SUBBASE FOR NEW CONCRETE SLAB WITH VAPOR BARRIER.
16 REMOVE EXISTING GYPSUM CEILING COMPLETE
17 REMOVE EXISTING MIRROR
18 REMOVE EXISTING DISPLAY CASE
19 REMOVE ACT TILES AS INDICATED TO ACCOMODATE FOR NEW WORK.
20 REMOVE OVERHEAD ROLLING GRILLE COMPLETE.
21 REMOVE EXISTING VINYL COMPOSITION TILE FLOORING AND RESILIENT BASE COMPLETE, INCLUDING ADHESIVES. PATCH FLOOR AND WALL AND PREP FOR INSTALLATION OF NEW FLOORING AND BASE.
22 COLUMN TO REMAIN TYPICAL. PROTECT FROM DAMAGE AS REQUIRED.
23 REMOVE EXISTING CARPET FLOORING AND RESILIENT BASE COMPLETE, INCLUDING ADHESIVES. PATCH FLOOR AND WALL AND PREP FOR INSTALLATION OF NEW FLOORING AND BASE.
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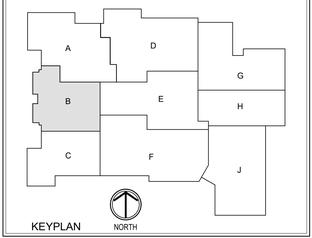
26 REMOVE COILING CONCESSIONS DOOR AND COUNTER TOP COMPLETE.
30 REMOVE EXISTING RECEPTION DESK
31 REMOVE EXISTING COUNTER
32 REMOVE EXISTING LOCKERS AS INDICATED
34 REMOVE EXISTING LOCKERS AND CONCRETE BASE IN RESPECTIVE FIXED GROUPINGS FOR REINSTALLATION AS SHOWN IN A200s.
40 REMOVE EXISTING WIRE SHELVING AND BRACKETS COMPLETE.
41 REMOVE ALL EXISTING CASEWORK INCLUDING STORAGE CABINETS, COUNTERTOPS, SINKS, SHELVING FILLER PANELS, TRIM, FASTENERS AS INDICATED
42 REMOVE EXISTING FIRE EXTINGUISHER AND BRACKET
43 REMOVE MONITOR/ PROJECTOR/ PROJECTION SCREEN AND RETURN TO OWNER.
44 REMOVE EXISTING VISUAL DISPLAY SURFACE INCLUDING MARKERBOARDS, TACKBOARDS, BULLETIN BOARDS, INCLUDING ALL ANCHORS / ADHESIVES, COMPLETE.
45 REMOVE EXISTING EYE WASH STATION
46 REMOVE EXISTING REFRIGERATOR
47 REMOVE ALL EXISTING SCIENCE CASEWORK AND TABLE UTILITIES INCLUDING, BUT NOT LIMITED TO, GAS, AIR, WATER, ELECTRICAL HOOKUPS AND TRIM KITS.
48 REMOVE 8" OF LIMESTONE PAST OPENING TO PREPARE FOR NEW OPENING. SEE DETAILS 1/A433 AND 3/A401 FOR SCOPE OF NEW WORK.
49 REMOVE PORTION OF FOUNDATION AS REQUIRED TO POUR NEW CONCRETE DRIVE.
50 REMOVE EXISTING DOOR LEAF, KEEP FRAME.
51 REMOVING WALL MOUNTED MONITORS AND BRACKETS.
52 PROTECT EXISTING TERRAZO FLOORING.



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

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 02-15-24

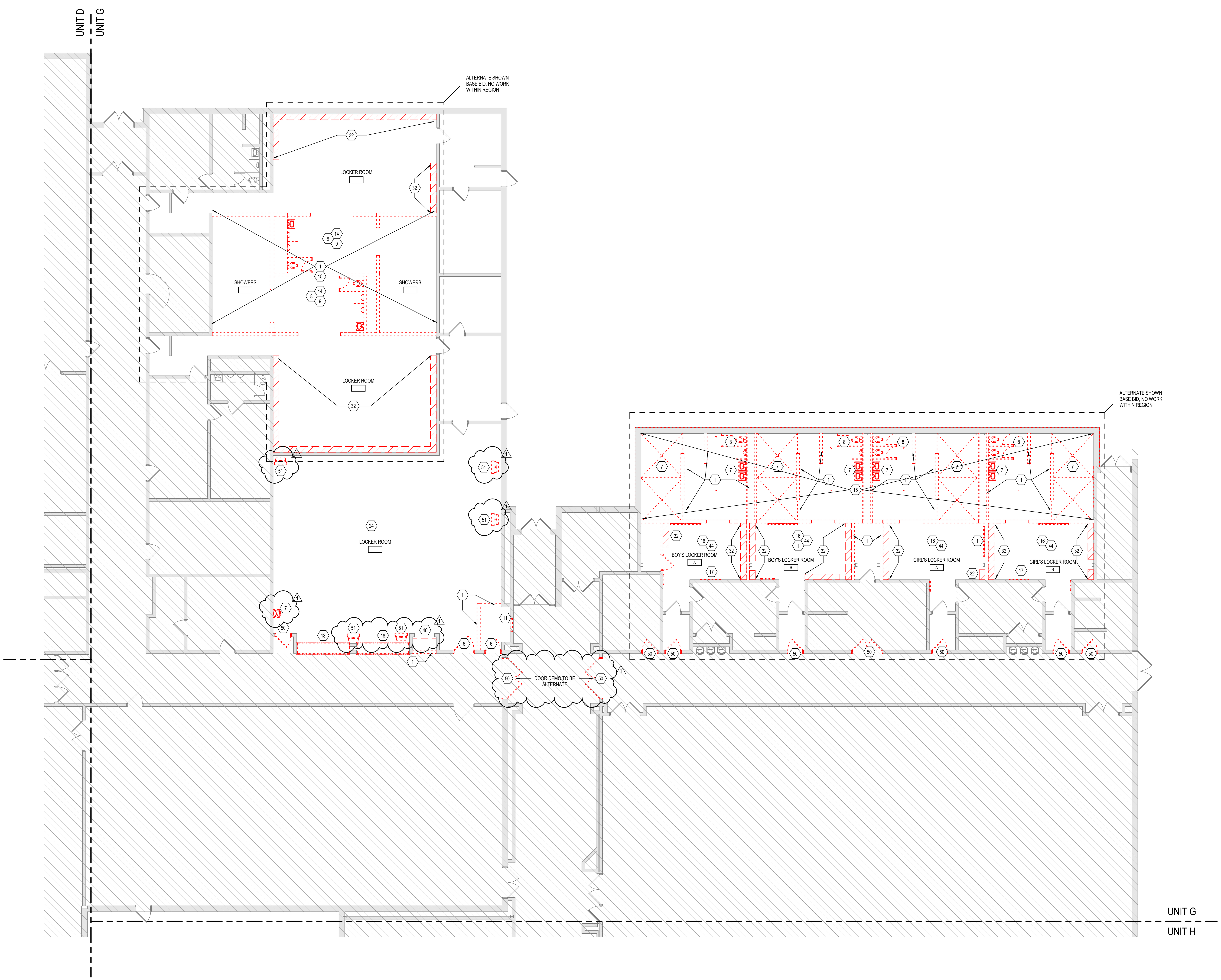
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR DEMOLITION PLAN - UNIT B

CERTIFIED BY:
JAMES ROBERT LUKE REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
AD201B

PROJECT NUMBER
2022016



1 AD201G **FIRST FLOOR DEMOLITION PLAN - UNIT G**
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

A. HEAVY DASHED LINES INDICATE STRUCTURE, WALLS AND ITEMS TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
B. SOLID LINES INDICATE STRUCTURE, WALLS, & ITEMS TO REMAIN, UNLESS NOTED OTHERWISE.
C. PROTECT ALL FINISHES, EQUIPMENT & OTHER ITEMS TO REMAIN. WHERE DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE RESTORE TO ITS ORIGINAL CONDITION OR REPLACE.
D. CONTRACTOR SHALL FIELD VERIFY ALL EXISTING CONSTRUCTION AND RELATED CONDITIONS PRIOR TO STARTUP OF DEMOLITION OR NEW CONSTRUCTION.
E. COORDINATE EXTENTS AND EXACT DIMENSIONS WITH EXTENTS AND EXACT DIMENSIONS OF NEW WORK.
F. ANY AND ALL DISCREPANCIES SHALL BE BROUGHT TO THE IMMEDIATE ATTENTION OF THE ARCHITECT AND OWNER.
G. REMOVE ALL MISCELLANEOUS EQUIPMENT ATTACHED TO WALLS, FLOORS AND CEILINGS TO BE DEMOLISHED. COORDINATE WITH THE OWNER FOR ITEMS TO BE SALVAGED OR RE-INSTALLED.
H. REMOVE ANY ITEMS NOT SPECIFICALLY IDENTIFIED TO BE REMOVED WHICH MUST OBVIOUSLY BE DEMOLISHED TO ACCOMMODATE NEW WORK. VERIFY WITH ARCHITECT.
I. ALL OPENINGS, VOIDS, OR DAMAGED SURFACES LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, WINDOWS, ETC., SHALL BE PATCHED & REPAIRED TO MATCH SURROUNDING WORK. PREPARE TO RECEIVE NEW FINISHES AS REQUIRED.
J. REMOVE ALL MASTIC, ADHESIVES, FASTENERS AND OTHER MATERIALS WHERE FINISHES (SUCH AS FLOORING, BASE) AND EQUIPMENT (SUCH AS CASEWORK, TACKBOARDS, MARKERBOARDS, MECHANICAL ITEMS, ETC.) HAVE BEEN REMOVED AT EXISTING SURFACES TO REMAIN.
K. CONSTRUCT DUST AND SOUND CONTROL BARRIERS PRIOR TO THE START OF WORK.
L. SEE SPECIFICATIONS FOR ASSIGNMENT OF RESPONSIBILITIES PERTAINING TO PATCHING AND REPAIR WORK REQUIRED OF EACH TRADE.
M. DEMOLITION WORK TO BE COMPLETED BY MECHANICAL/PLUMBING, ELECTRICAL TRADES IS SHOWN ON OTHER SHEETS IN THIS SET OF CONTRACT DOCUMENTS. THIS CONTRACTOR SHALL REVIEW THE DEMOLITION WORK OF OTHER TRADES TO DETERMINE WHERE SUCH WORK COULD AFFECT HIS WORK AND SHALL COORDINATE HIS WORK WITH THE WORK OF ALL OTHER TRADES.
N. AT NEW OPENINGS IN EXISTING BRICK MASONRY WALLS, TOOTH IN BRICK TO MATCH EXISTING.
O. EXISTING CONCRETE MASONRY WALLS ARE STACK BOND. DEMOLISH TO NEAREST FULL COURSE FOR NEW WORK, PATCH IN NEW CMU AS REQUIRED IN STACK BOND.
P. WHERE EXISTING SURFACE MOUNTED VISUAL DISPLAY BOARDS (MARKER, CHALK, TACK BOARDS) ARE BEING REMOVED FROM WALLS, WALL SURFACE BEHIND BOARD IS TO BE PREPARED TO MATCH TEXTURE OF SURROUNDING SURFACES. PROVIDE BLOCK FILLER AS REQUIRED AND PATCH MOUNTING HOLES COMPLETE. REMOVE PAINT BUILD UP AT BOARD EDGES.
Q. CONTRACTOR IS RESPONSIBLE FOR PREP WORK REQUIRED FOR FLOOR SLAB TO RECEIVE NEW FINISHES. PREP WORK TO INCLUDE: PATCH FLOOR SLAB AT AREAS THAT WILL BE CUT TO ACCOMMODATE NEW PLUMBING LINES OR WHERE CAPPING OF EXISTING LINES BELOW THE SLAB IS REQUIRED AND FILLING IN HOLES IN SLAB WHERE EXISTING MEP HAS BEEN ABANDONED.

DEMOLITION NOTES

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3 INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION
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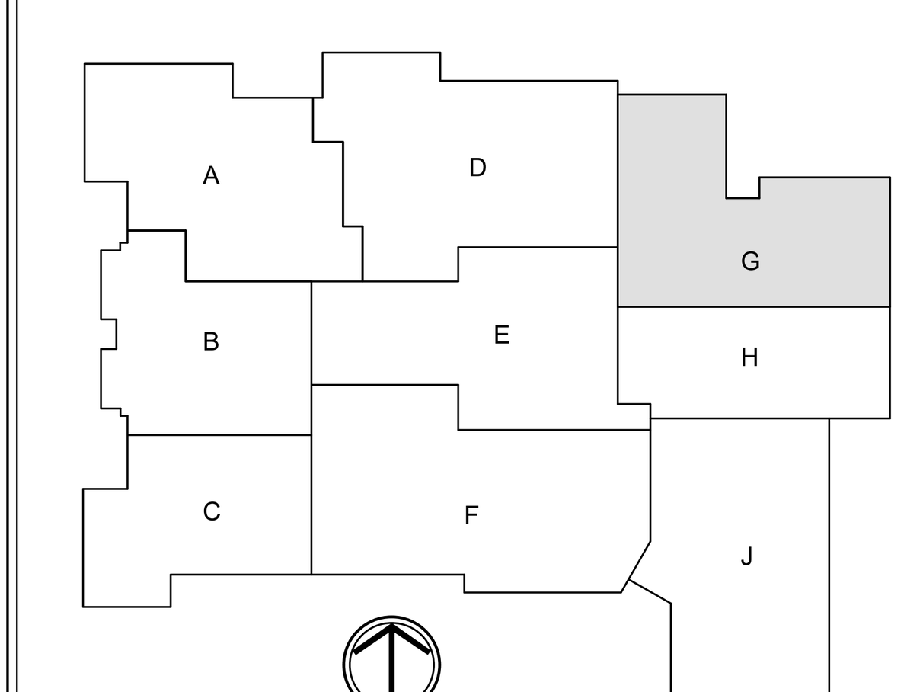

KEYPLAN

CSO
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317.848.7800 | csoinc.net

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

SCOPE DRAWINGS:
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REVISIONS:

1	ADDENDUM #1	02-15-24

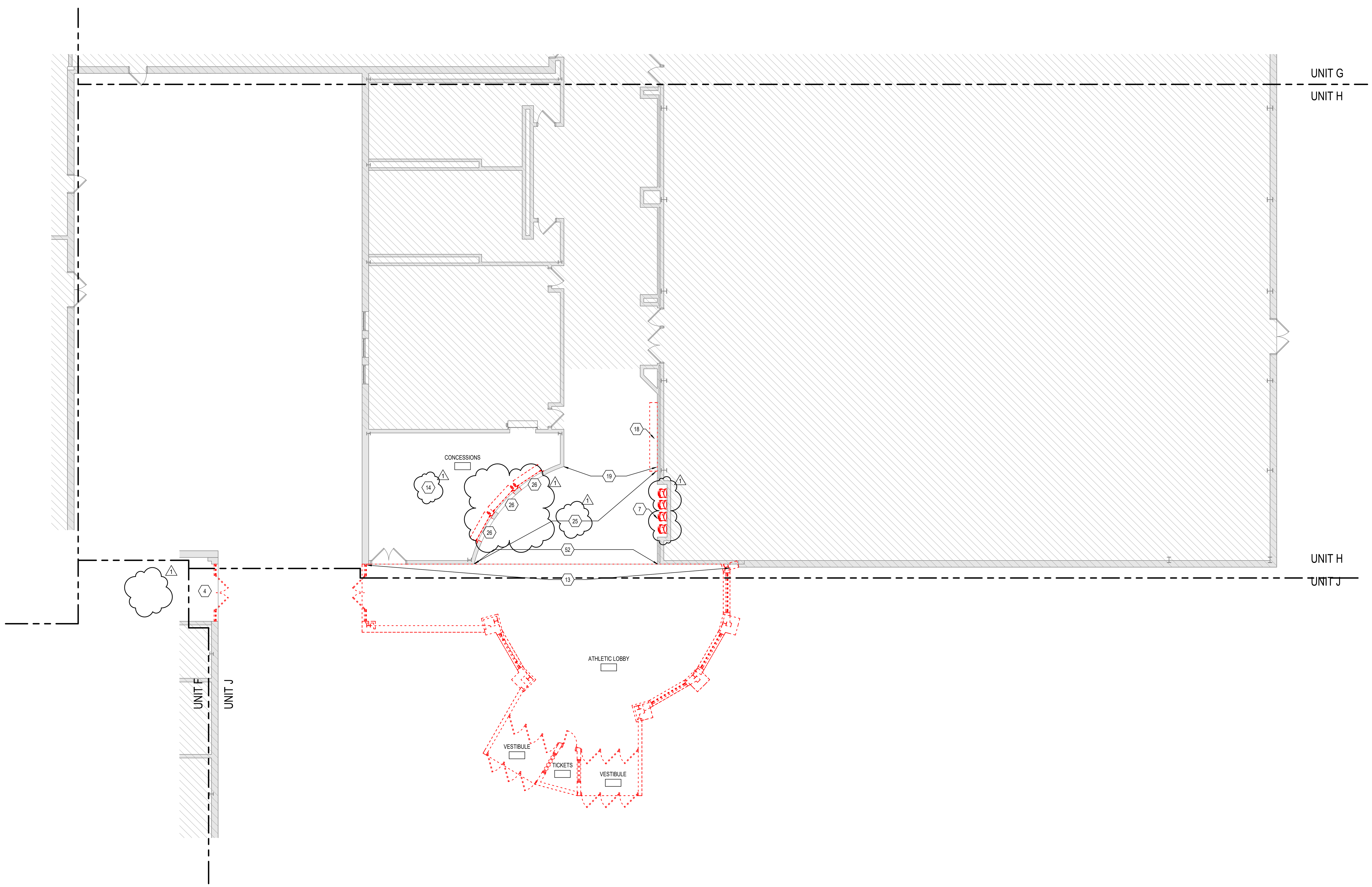
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR DEMOLITION PLAN - UNIT G

CERTIFIED BY:
JAMES ROBERT FUNK REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
AD201G

PROJECT NUMBER
2022016



1 AD201H FIRST FLOOR DEMOLITION PLAN - UNIT H
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

A. HEAVY DASHED LINES INDICATE STRUCTURE, WALLS AND ITEMS TO BE DEMOLISHED UNLESS NOTED OTHERWISE.
B. SOLID LINES INDICATE STRUCTURE, WALLS, & ITEMS TO REMAIN, UNLESS NOTED OTHERWISE.
C. PROTECT ALL FINISHES, EQUIPMENT & OTHER ITEMS TO REMAIN. WHERE DAMAGE OCCURS, PATCH AND REPAIR OR OTHERWISE RESTORE TO ITS ORIGINAL CONDITION OR REPLACE.
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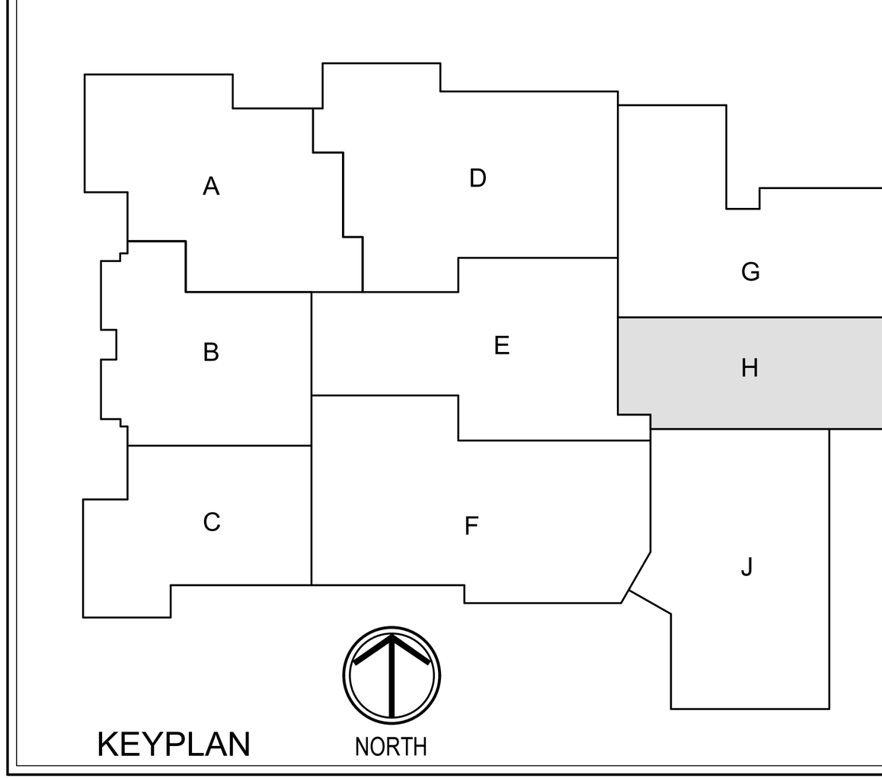

KEYPLAN

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PROJECT:
YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS
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REVISIONS:

1	ADDENDUM #1	02-15-24

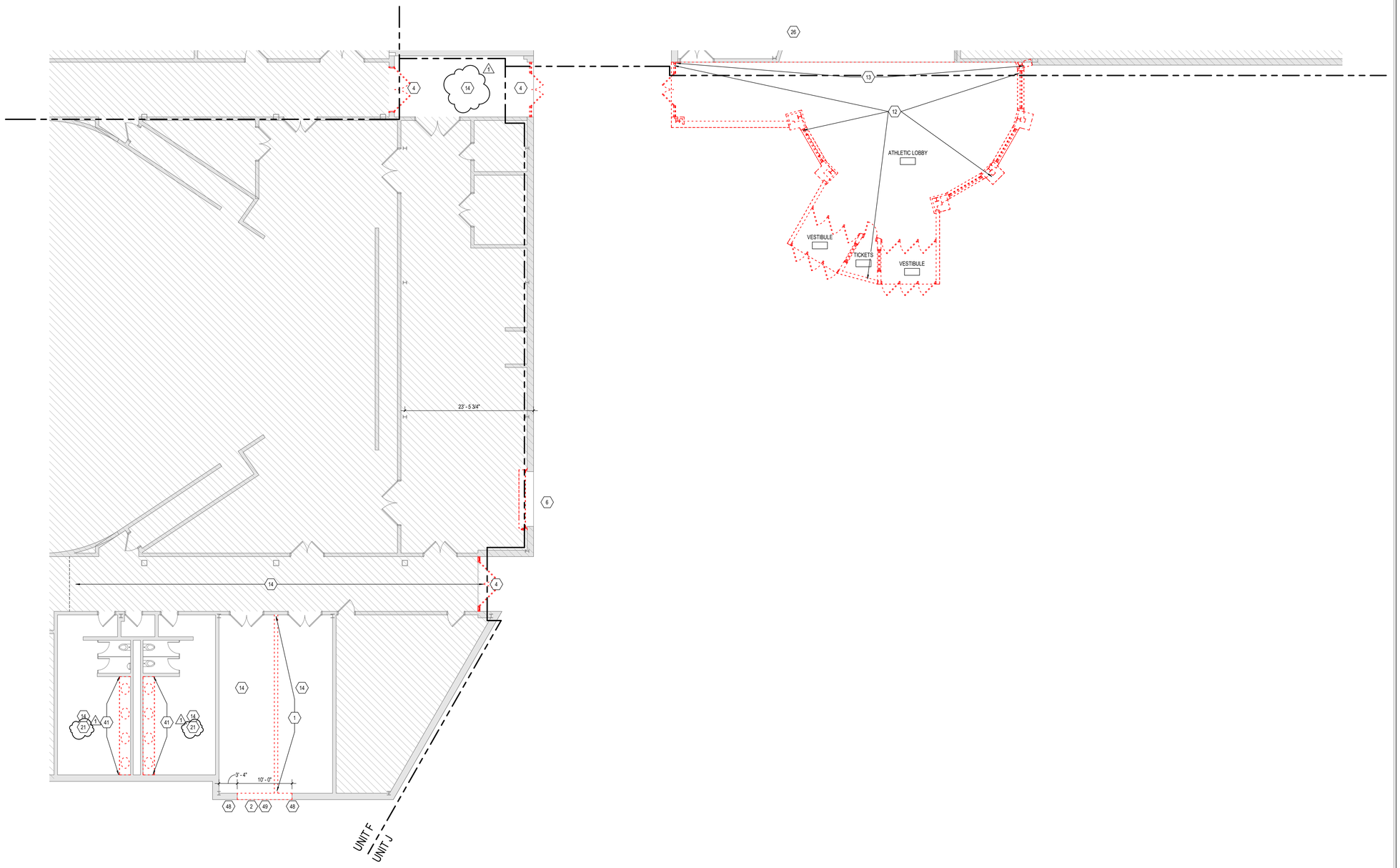
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR DEMOLITION PLAN - UNIT H

CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
AD201H

PROJECT NUMBER
2022016



1 AD201J
FIRST FLOOR DEMOLITION PLAN - UNIT J & F
SCALE: 1/8" = 1'-0"

GENERAL DEMOLITION NOTES

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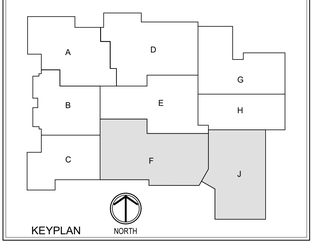
G. REMOVE ALL MISCELLANEOUS EQUIPMENT ATTACHED TO WALLS, FLOORS AND CEILINGS TO BE DEMOLISHED. COORDINATE WITH THE OWNER FOR ITEMS TO BE SALVAGED OR RE-INSTALLED.
H. REMOVE ANY ITEMS NOT SPECIFICALLY IDENTIFIED TO BE REMOVED WHICH MUST OBVIOUSLY BE DEMOLISHED TO ACCOMMODATE NEW WORK. VERIFY WITH ARCHITECT.
I. ALL OPENINGS, VOIDS, OR DAMAGED SURFACES LEFT BY THE REMOVAL OF EXISTING CONSTRUCTION, EQUIPMENT, PIPING, DUCTS, WINDOWS, ETC., SHALL BE PATCHED & REPAIRED TO MATCH SURROUNDING WORK. PREPARE TO RECEIVE NEW FINISHES AS REQUIRED.
J. REMOVE ALL MASTIC, ADHESIVES, FASTENERS AND OTHER MATERIALS WHERE FINISHES (SUCH AS FLOORING, BASE) AND EQUIPMENT (SUCH AS CASEWORK, TACKBOARDS, MARKERBOARDS, MECHANICAL ITEMS, ETC.) HAVE BEEN REMOVED AT EXISTING SURFACES TO REMAIN.
K. CONSTRUCT DUST AND SOUND CONTROL BARRIERS PRIOR TO THE START OF WORK.
L. SEE SPECIFICATIONS FOR ASSIGNMENT OF RESPONSIBILITIES PERTAINING TO PATCHING AND REPAIR WORK REQUIRED OF EACH TRADE.
M. DEMOLITION WORK TO BE COMPLETED BY MECHANICAL/PLUMBING, ELECTRICAL TRADES IS SHOWN ON OTHER SHEETS IN THIS SET OF CONTRACT DOCUMENTS. THIS CONTRACTOR SHALL REVIEW THE DEMOLITION WORK OF OTHER TRADES TO DETERMINE WHERE SUCH WORK COULD AFFECT HIS WORK AND SHALL COORDINATE HIS WORK WITH THE WORK OF ALL OTHER TRADES.
N. AT NEW OPENINGS IN EXISTING BRICK MASONRY WALLS, TOOTH IN BRICK TO MATCH EXISTING.
O. EXISTING CONCRETE MASONRY WALLS ARE STACK BOND. DEMOLISH TO NEAREST FULL COURSE FOR NEW WORK. PATCH IN NEW CMU AS REQUIRED IN STACK BOND.
P. WHERE EXISTING SURFACE MOUNTED VISUAL DISPLAY BOARDS (MARKER, CHALK, TACK BOARDS) ARE BEING REMOVED FROM WALLS, WALL SURFACE BEHIND BOARD IS TO BE PREPARED TO MATCH TEXTURE OF SURROUNDING SURFACES. PROVIDE BLOCK FILLER AS REQUIRED AND PATCH MOUNTING HOLES COMPLETE. REMOVE PAINT BUILD UP AT BOARD EDGES.
Q. CONTRACTOR IS RESPONSIBLE FOR PREP WORK REQUIRED FOR FLOOR SLAB TO RECEIVE NEW FINISHES. PREP WORK TO INCLUDE: PATCH FLOOR SLAB AT AREAS THAT WILL BE CUT TO ACCOMMODATE NEW PLUMBING LINES OR WHERE CAPPING OF EXISTING LINES BELOW THE SLAB IS REQUIRED AND FILLING IN HOLES IN SLAB WHERE EXISTING MEP HAS BEEN ABANDONED.

DEMOLITION NOTES

1 DEMOLISH EXISTING INTERIOR WALL CONSTRUCTION AS INDICATED. PROTECT STRUCTURE TO REMAIN. PATCH AND REPAIR FLOOR AS REQUIRED TO RECEIVE NEW FLOOR FINISH. PATCH AND REPAIR ADJACENT WALLS TO REMAIN THAT ARE DISTRURBED BY DEMOLITION WORK. WHERE CMU WALLS ARE DEMOLISHED, OVER DEMO WALL BEYOND FLOOR LEVEL AS NEEDED FOR NEW FLOOR FINISH.
2 REMOVE PORTION OF WALL TO PREPARE FOR NEW OPENING
3 INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION
4 REMOVE EXISTING DOOR(S), HOLLOW METAL FRAME AND HARDWARE COMPLETE INCLUDING TRANSOMS, SIDELIGHTS (WHERE APPLICABLE), ANCHORS, GLAZING, ETC.
5 REMOVE DOOR AND INSTALL DOORSWING INVERSELY FROM ORIGINAL SWING
6 REMOVE EXISTING DOOR(S), HOLLOW METAL FRAME AND HARDWARE COMPLETE AND INFILL OPENING TO MATCH ADJACENT WALL CONSTRUCTION
7 REMOVE EXISTING PLUMBING FIXTURE(S), COMPLETE. SEE ALSO PLUMBING DRAWINGS.
8 REMOVE EXISTING TOILET PARTITIONS AND / OR URINAL SCREENS COMPLETE, INCLUDING ANCHORS, HARDWARE, ACCESSORIES, ETC.
9 REMOVE EXISTING TOILET ACCESSORIES THIS ROOM COMPLETE.
10 REMOVE EXISTING STOREFRONT / CURTAINWALL ASSEMBLY COMPLETE INCLUDING DOORS AND HARDWARE, SIDELIGHTS, TRANSOMS, ANCHORS, GLAZING, ETC.
11 REMOVE EXISTING EXTERIOR ALUMINUM WINDOW COMPLETE.
12 DEMOLISH EXISTING PORTION OF BUILDING COMPLETE, INCLUDING ALL EXTERIOR WALL ASSEMBLIES, WINDOWS, DOORS, CONCRETE FLOOR SLABS, ROOFING, STEEL STRUCTURE, FOOTINGS AND FOUNDATIONS, CAP AND TERMINATE ALL UTILITIES AS REQUIRED FOR NEW WORK.
13 CUT EXISTING SLAB AS INDICATED
14 REMOVE EXISTING LAY IN ACOUSTIC TILES AND CEILING GRID COMPLETE.
15 REMOVE ENTIRE CONCRETE SLAB AS INDICATED INCLUDING ALL FLOOR FINISHES, PREP SUBBASE FOR NEW CONCRETE SLAB WITH VAPOR BARRIER.
16 REMOVE EXISTING GYPSUM CEILING COMPLETE
17 REMOVE EXISTING MIRROR
18 REMOVE EXISTING DISPLAY CASE
19 REMOVE ACT TILES AS INDICATED TO ACCOMODATE FOR NEW WORK.
20 REMOVE OVERHEAD ROLLING GRILLE COMPLETE.
21 REMOVE EXISTING VINYL COMPOSITION TILE FLOORING AND RESILIENT BASE COMPLETE, INCLUDING ADHESIVES. PATCH FLOOR AND WALL AND PREP FOR INSTALLATION OF NEW FLOORING AND BASE.
22 COLUMN TO REMAIN TYPICAL. PROTECT FROM DAMAGE AS REQUIRED.
23 REMOVE EXISTING CARPET FLOORING AND RESILIENT BASE COMPLETE, INCLUDING ADHESIVES. PATCH FLOOR AND WALL AND PREP FOR INSTALLATION OF NEW FLOORING AND BASE.
24 REMOVE EXISTING RESILIENT BASE AND FLOORING COMPLETE, INCLUDING ADHESIVES. PATCH FLOOR AND WALL AND PREP FOR INSTALLATION OF NEW FLOORING AND BASE.
25 REMOVE EXISTING GYPSUM BULKHEAD.
26 REMOVE COILING CONCESSIONS DOOR AND COUNTER TOP COMPLETE.
30 REMOVE EXISTING RECEPTION DESK.
31 REMOVE EXISTING COUNTER
32 REMOVE EXISTING LOCKERS AS INDICATED
34 REMOVE EXISTING LOCKERS AND CONCRETE BASE IN RESPECTIVE FIXED GROUPINGS FOR REINSTALLATION AS SHOWN IN A200s.
40 REMOVE EXISTING WIRE SHELVING AND BRACKETS COMPLETE.
41 REMOVE ALL EXISTING CASEWORK INCLUDING STORAGE CABINETS, COUNTERTOPS, SINKS, SHELVING FILLER PANELS, TRIM, FASTENERS AS INDICATED
42 REMOVE EXISTING FIRE EXTINGUISHER AND BRACKET
43 REMOVE MONITOR/ PROJECTOR/ PROJECTION SCREEN AND RETURN TO OWNER.
44 REMOVE EXISTING VISUAL DISPLAY SURFACE INCLUDING MARKERBOARDS, TACKBOARDS, BULLETIN BOARDS, INCLUDING ALL ANCHORS / ADHESIVES, COMPLETE
45 REMOVE EXISTING EYE WASH STATION
46 REMOVE EXISTING REFRIGERATOR
47 REMOVE ALL EXISTING SCIENCE CASEWORK AND TABLE UTILITIES INCLUDING, BUT NOT LIMITED TO, GAS, AIR, WATER, ELECTRICAL HOOKUPS AND TRIM KITS.
48 REMOVE 8" OF LIMESTONE PAST OPENING TO PREPARE FOR NEW OPENING. SEE DETAILS 1/A433 AND 3/A401 FOR SCOPE OF NEW WORK.
49 REMOVE PORTION OF FOUNDATION AS REQUIRED TO POUR NEW CONCRETE DRIVE.
50 REMOVE EXISTING DOOR LEAF, KEEP FRAME.
51 REMOVING WALL MOUNTED MONITORS AND BRACKETS.
52 PROTECT EXISTING TERRAZO FLOORING.



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

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the general requirements of the type of structural, mechanical and electrical systems.
The drawings do not necessarily indicate or describe all work required for the satisfactory 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	02-15-24

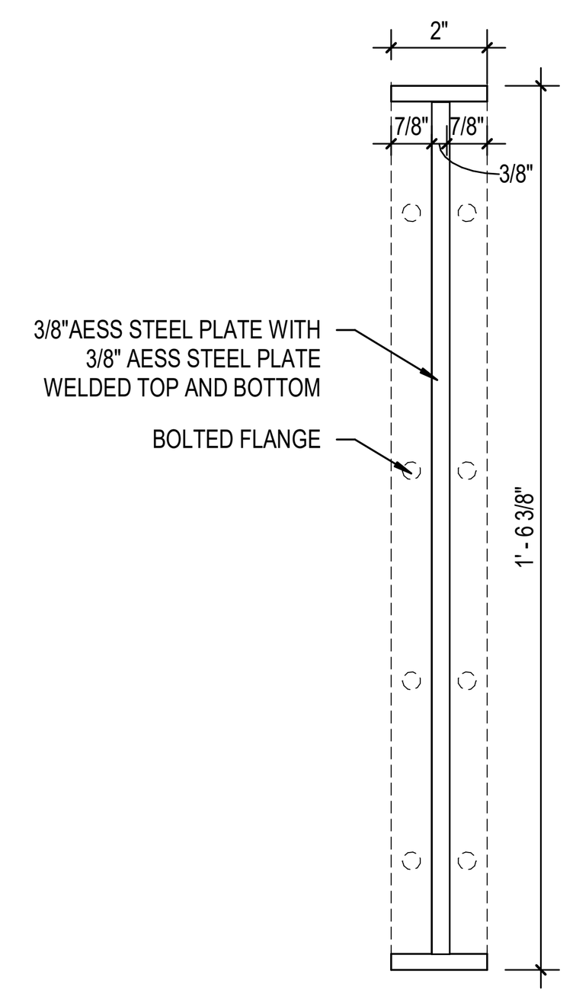
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

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

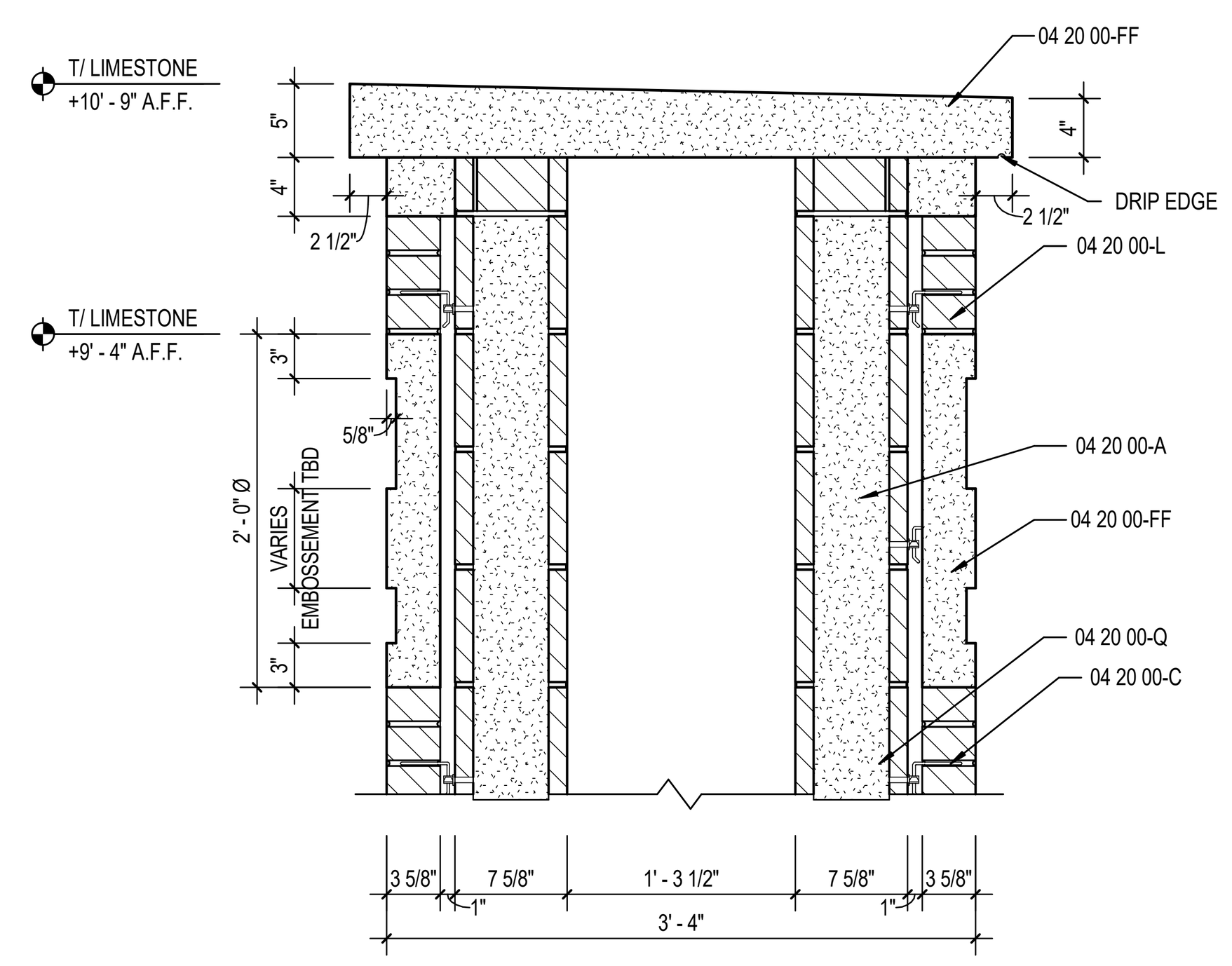
CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
AD201J

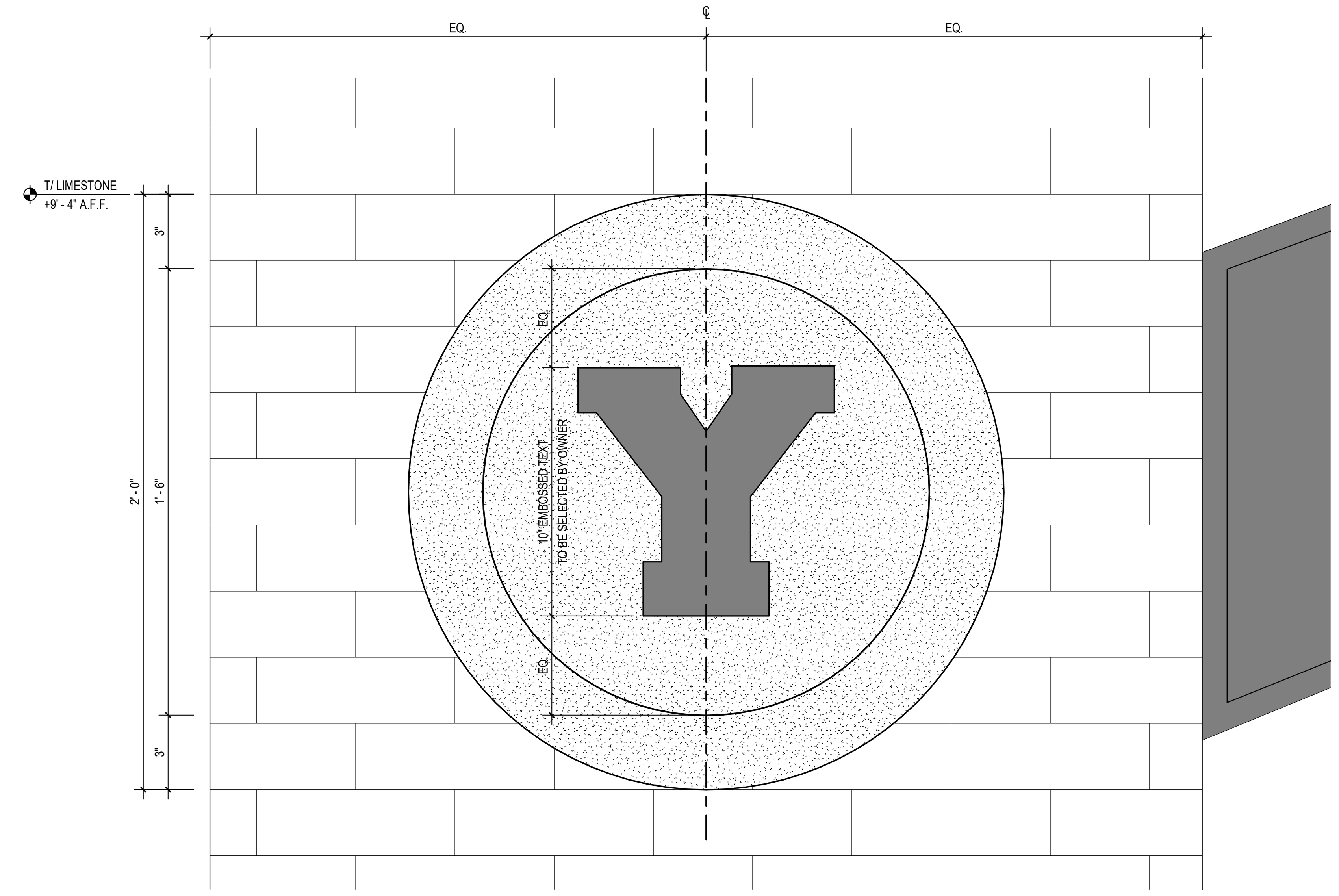
PROJECT NUMBER
2022016



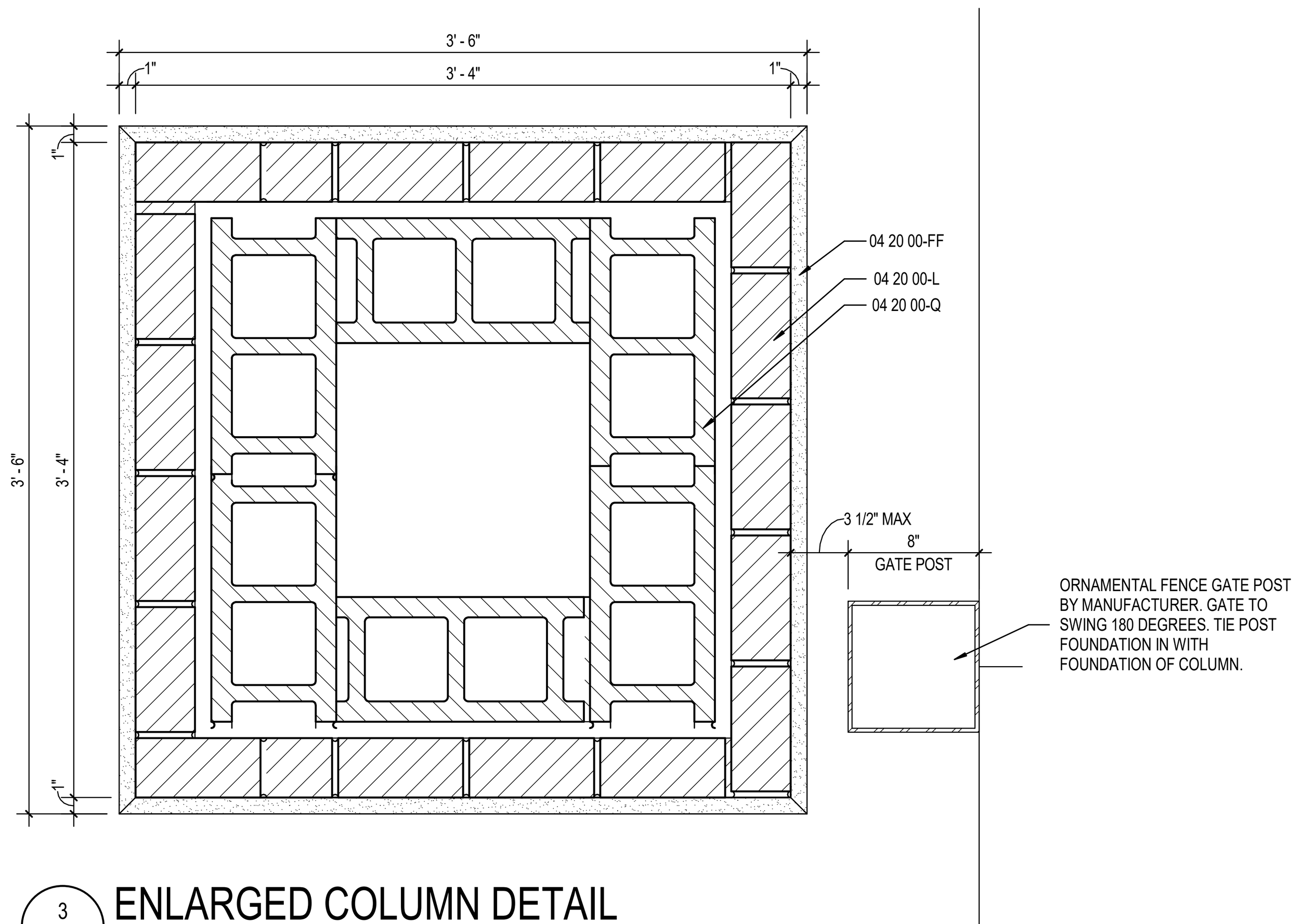
4 A120 SECTION THROUGH SIGN
SCALE: 3" = 1'-0"



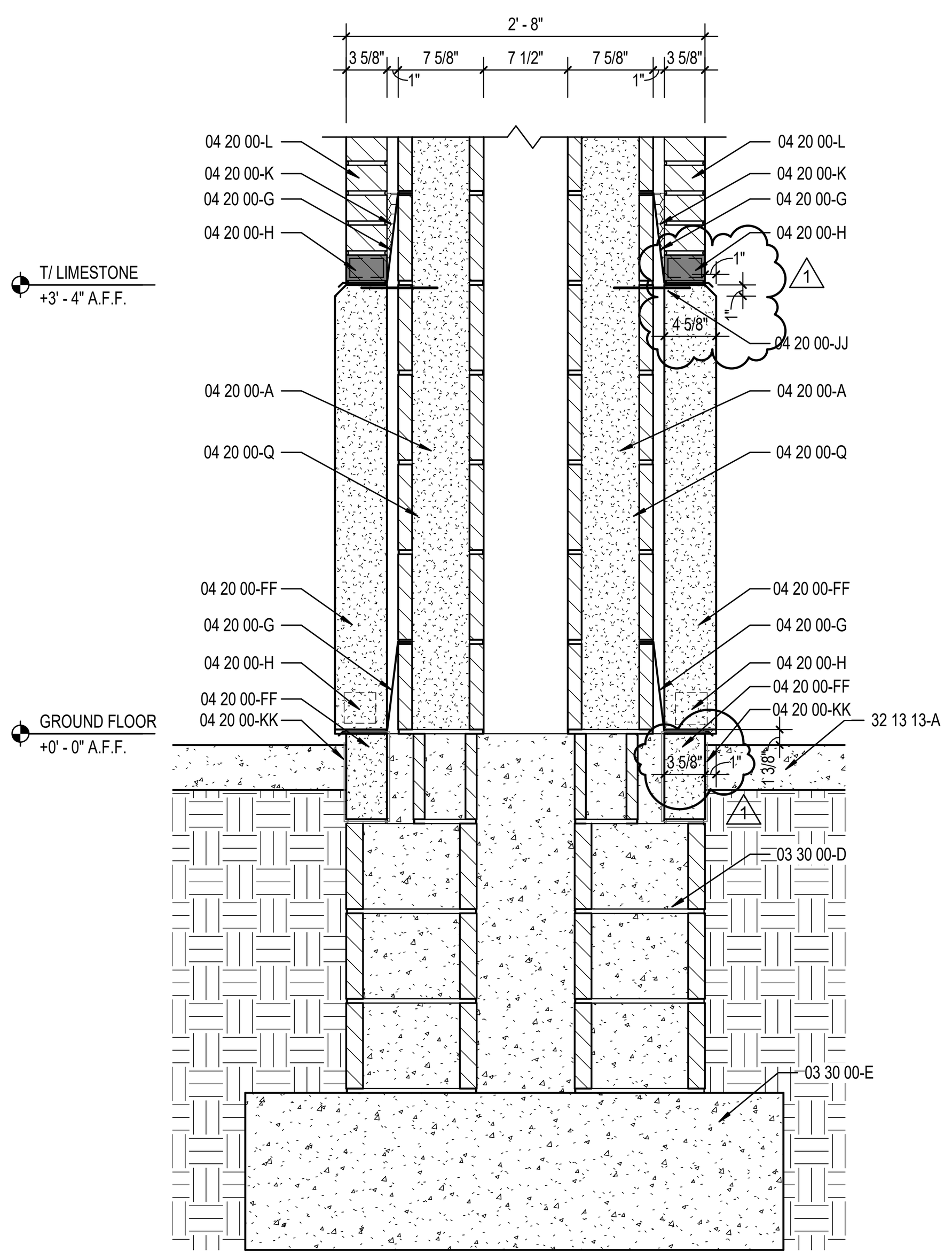
6 A120 SECTION THROUGH COLUMN
SCALE: 1" = 1'-0"



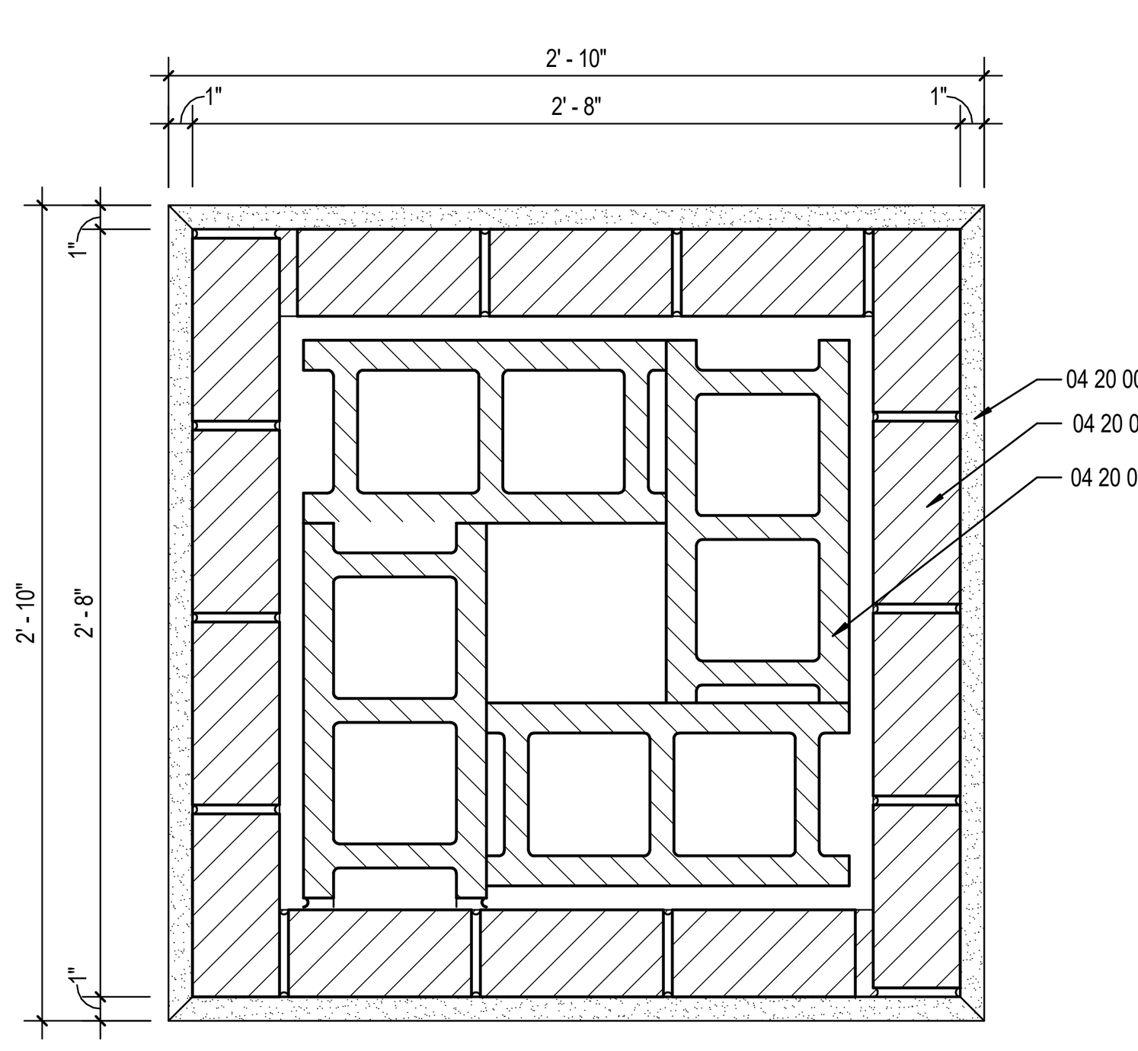
8 A120 ENLARGED LIMESTONE
SCALE: 3" = 1'-0"



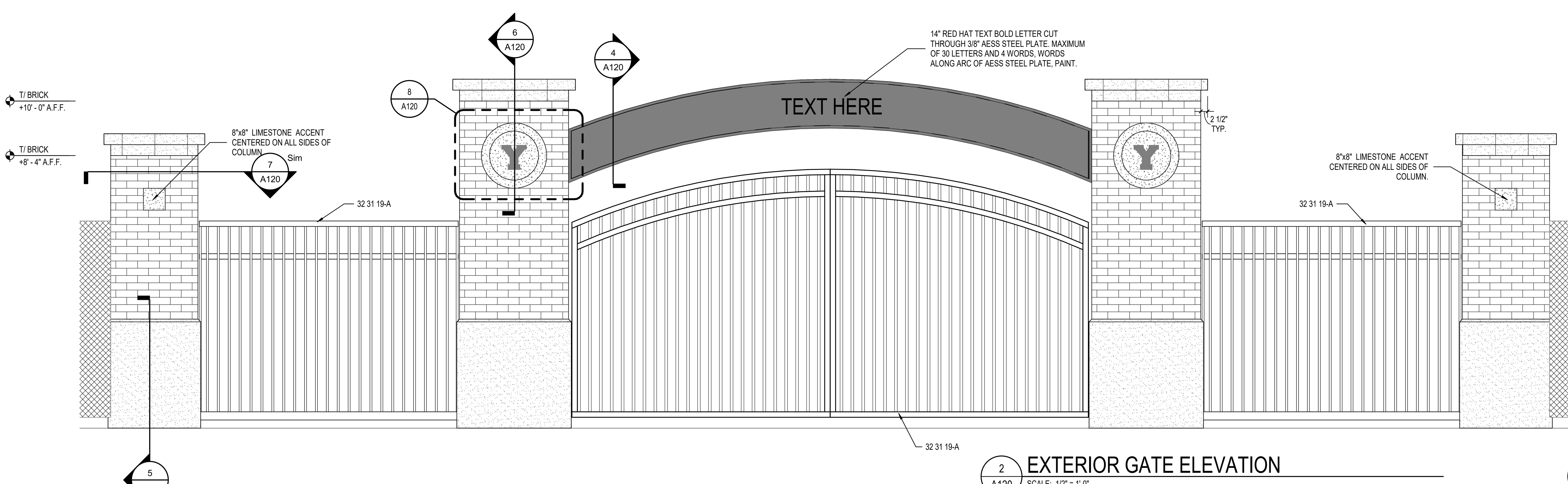
3 A120 ENLARGED COLUMN DETAIL
SCALE: 1 1/2" = 1'-0"



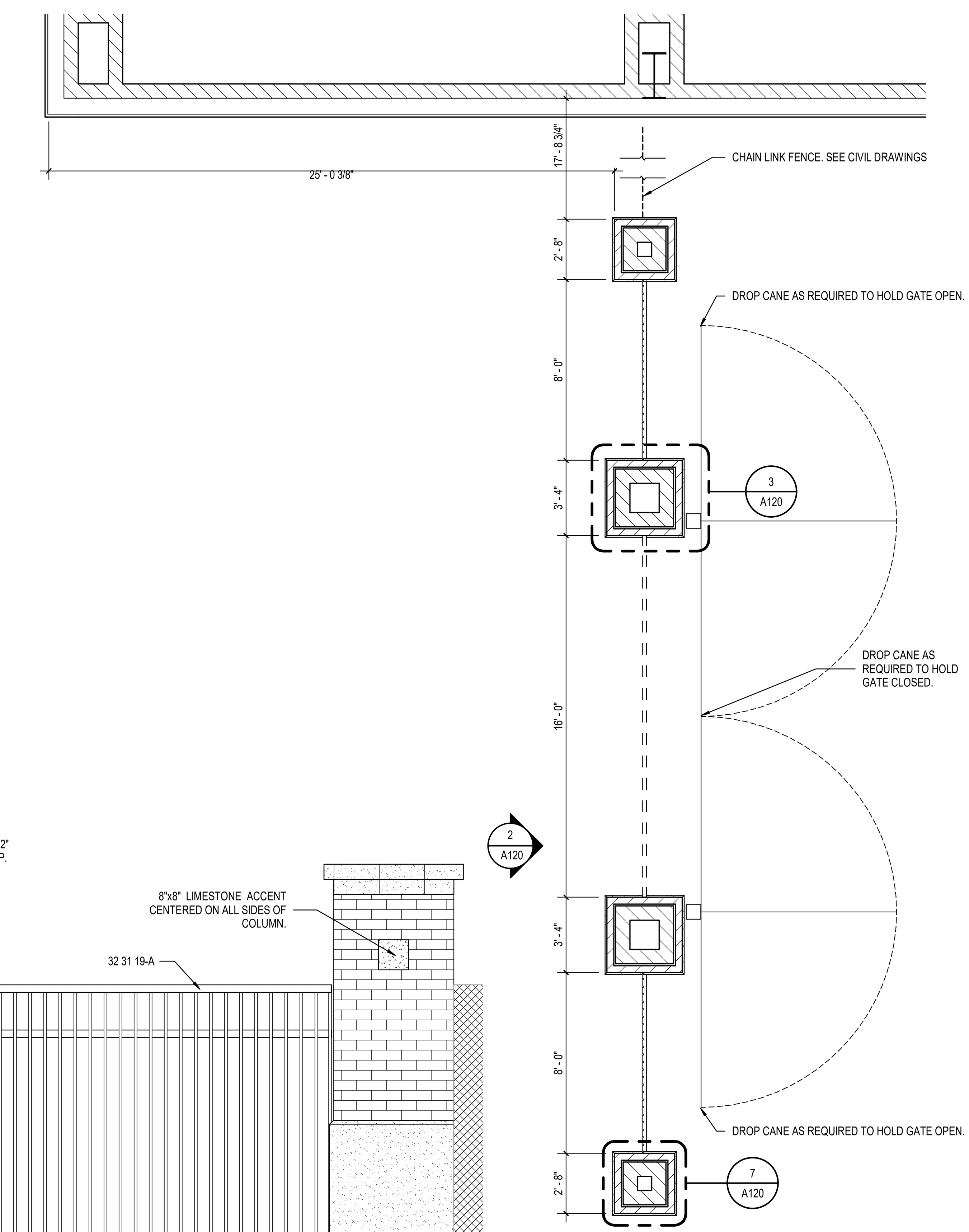
5 A120 SECTION THROUGH COLUMN
SCALE: 1" = 1'-0"



7 A120 ENLARGED COLUMN DETAIL
SCALE: 1 1/2" = 1'-0"



2 A120 EXTERIOR GATE ELEVATION
SCALE: 1/2" = 1'-0"



1 A120 EXTERIOR GATE COLUMN PLAN
SCALE: 1/4" = 1'-0"

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PROJECT:
YORKTOWN HIGH SCHOOL
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1100 S Tiger Dr, Yorktown, IN 47396

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	02-15-24

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

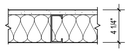
DRAWING TITLE:
EXTERIOR GATE

CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A120

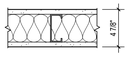
PROJECT NUMBER
2022016

W1



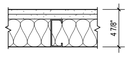
- 3 5/8" METAL STUDS @ 16" O.C. ADD SOUND ATTENUATION BLANKETS WHEN "*" SYMBOL FOLLOWS WALL TAG.
- 5/8" GYPSUM WALL BOARD ON 1 SIDE OF STUD, TAPED AND FINISHED.

W2



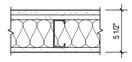
- 3 5/8" METAL STUDS @ 16" O.C. ADD SOUND ATTENUATION BLANKETS WHEN "*" SYMBOL FOLLOWS WALL TAG.
- 5/8" GYPSUM WALL BOARD ON BOTH SIDES OF STUD, TAPED AND FINISHED.

W3



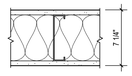
- 3 5/8" METAL STUDS @ 16" O.C. ADD SOUND ATTENUATION BLANKETS WHEN "*" SYMBOL FOLLOWS WALL TAG.
- 2 LAYERS 5/8" GYPSUM WALL BOARD ON 1 SIDE OF STUD, TAPED AND FINISHED.

W4



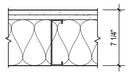
- 3 5/8" METAL STUDS @ 16" O.C. ADD SOUND ATTENUATION BLANKETS WHEN "*" SYMBOL FOLLOWS WALL TAG.
- 5/8" GYPSUM WALL BOARD ON BOTH SIDES OF STUD, TAPED AND FINISHED.
- SECOND LAYER 5/8" GYPSUM WALL BOARD ON 1 SIDE OF STUD, TAPED AND FINISHED.

W5



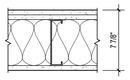
- 6" METAL STUDS @ 16" O.C. ADD SOUND ATTENUATION BLANKETS WHEN "*" SYMBOL FOLLOWS WALL TAG.
- 5/8" GYPSUM WALL BOARD BOTH SIDES OF STUD, TAPED AND FINISHED.

W6



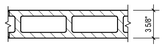
- 6" METAL STUDS @ 16" O.C. ADD SOUND ATTENUATION BLANKETS WHEN "*" SYMBOL FOLLOWS WALL TAG.
- (2) LAYERS OF 5/8" GYPSUM WALL BOARD ON ONE SIDE OF STUD, TAPED AND FINISHED.

W7



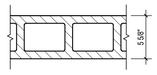
- 6" METAL STUDS @ 16" O.C. ADD SOUND ATTENUATION BLANKETS WHEN "*" SYMBOL FOLLOWS WALL TAG.
- 5/8" GYPSUM WALL BOARD BOTH SIDES OF STUD, TAPED AND FINISHED.
- SECOND LAYER 5/8" GYPSUM WALL BOARD ON 1 SIDE OF STUD, TAPED AND FINISHED.

W8



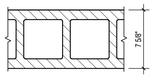
- 3 5/8" CONCRETE MASONRY UNIT

W9



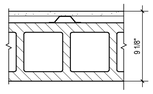
- 5 5/8" CONCRETE MASONRY UNIT

W10



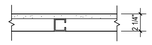
- 7 5/8" CONCRETE MASONRY UNIT

W11



- 7 5/8" CONCRETE MASONRY UNIT.
- 7/8" METAL FURRING CHANNELS @ 16" O.C. MAX.
- 5/8" GYPSUM WALL BOARD, TAPED AND FINISHED.

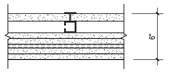
W12



- 1 5/8" METAL STUDS @ 16" O.C.
- 5/8" GYPSUM WALL BOARD ON 1 SIDE OF STUD, TAPED AND FINISHED.

W13

UL U415 SYSTEM I - 4 HOUR RATED



- 1" GYPSUM LINER PANEL
- 2 1/2" METAL CH STUDS @ 24" O.C., 20 GA.
- (2) LAYERS OF 3/4" GYPSUM WALL BOARD
- 1/2" RESILIENT CHANNEL @ 24" O.C., 25 GA.
- (2) LAYERS OF 3/4" GYPSUM WALL BOARD, TAPED AND FINISHED.

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE STACK BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW. ALL CMU OUTSIDE CORNERS SHALL BE BULLNOSED UNLESS SPECIFICALLY NOTED OTHERWISE.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A 100-1). SEE A600 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND WINDOW FRAMES IS TO BE 5/16" CLEAR LAMINATED GLASS UNLESS NOTED OTHERWISE.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 0'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

WALL TYPE NOTES

1. SEE SPECIFICATIONS FOR GYPSUM WALL BOARD TYPE FOR EACH APPLICATION.
2. FOR METAL STUD CONSTRUCTION AT CONVENTIONAL FRAMING, EXTEND METAL STUDS TO BOTTOM OF METAL DECK AND GYPSUM WALL BOARD TO 1" BELOW METAL DECK.
3. METAL STUD WALLS WITH A "*" SYMBOL FOLLOWING THE WALL TYPE SHALL HAVE FULL THICKNESS SOUND ATTENUATION BLANKETS EXTENDING FULL HEIGHT OF WALL. PROVIDE ACOUSTIC SEALANT AT TOP AND BOTTOM OF WALL TRACK AND PENETRATIONS.
4. PROVIDE MOLD & MILDEW RESISTANT GYPSUM WALL BOARD AT EXTERIOR WALL LOCATIONS AND AT ALL WET AREA WALLS NOT RECEIVING WALL TILE.
5. PROVIDE GLASS-MAT WATER RESISTANT BACKER BOARD IN LIEU OF GYPSUM WALL BOARD WHERE WALL TILE IS SPECIFIED. SEE A800 SERIES FINISH PLANS FOR LOCATIONS AND HEIGHTS. IF WALL TILE HEIGHT IS NOT FULL HEIGHT A.F.F., PROVIDE MOLD & MILDEW RESISTANT GYPSUM WALL BOARD ABOVE TOP OF WALL TILE HEIGHT.
6. WALL TYPES ARE ASSUMED TO BE CONTINUOUS WITHIN THE SAME PLANE OR SURFACE UNTIL ANOTHER TAG IS SHOWN.

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

SCOPE DRAWINGS:
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REVISIONS:
1 ADDENDUM #1 02-15-24

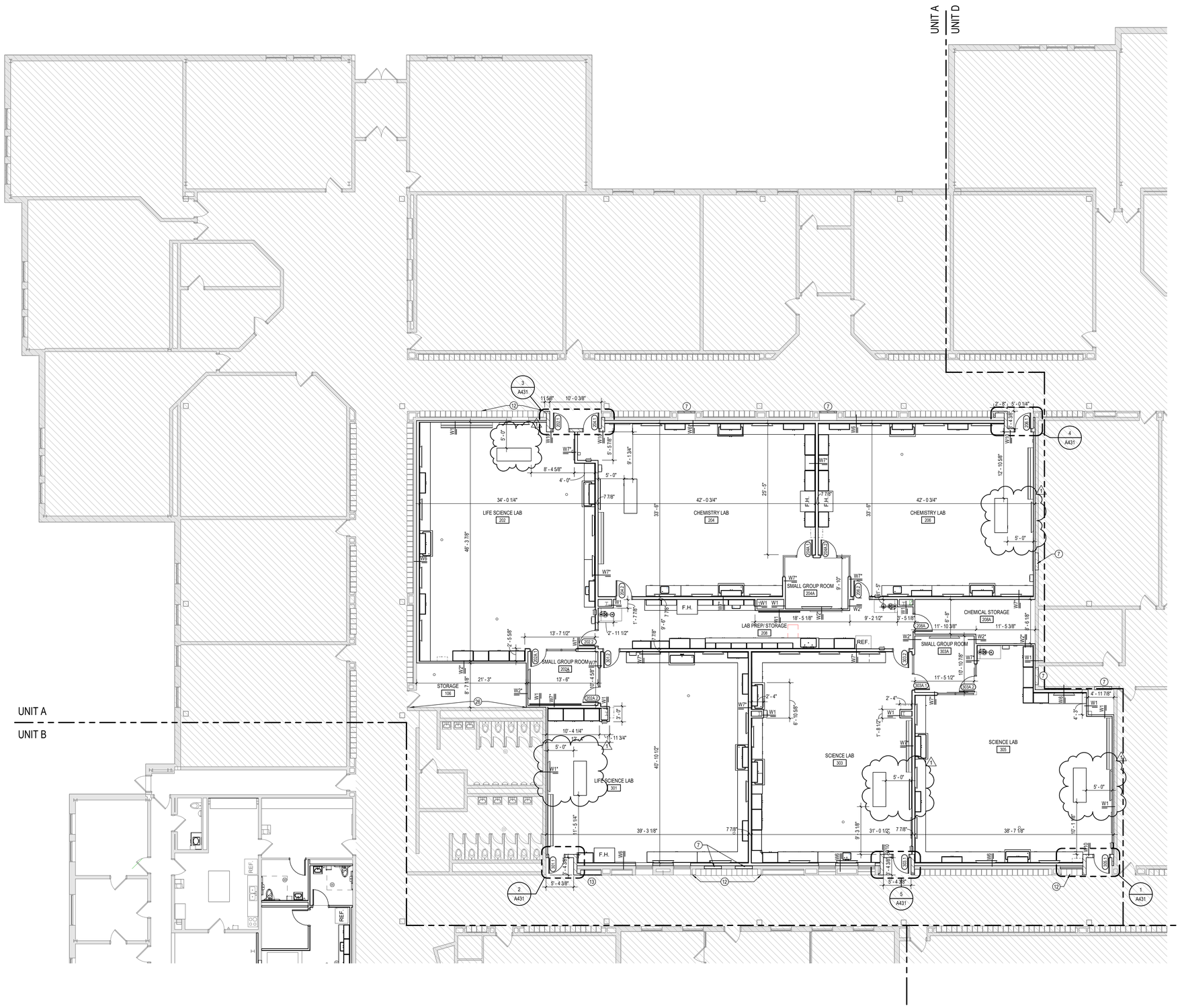
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
WALL TYPES, LIMESTONE PROFILES, & GENERAL NOTES

CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No.
AR00900003
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A200

PROJECT NUMBER
2022016



1 A201A FIRST FLOOR PLAN - UNIT A
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE STACK BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW. ALL CMU OUTSIDE CORNERS SHALL BE BULLNOSED UNLESS SPECIFICALLY NOTED OTHERWISE.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS. WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND WINDOW FRAMES IS TO BE 5/16" CLEAR LAMINATED GLASS UNLESS NOTED OTHERWISE.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 0'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

1 ALIGN FINISH FACES AS INDICATED
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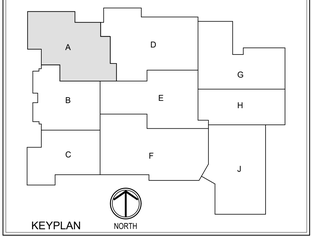
3 OPERABLE PARTITION. SEE A900S EQUIPMENT PLANS
4 MOTOR OPERATED OVERHEAD COILING DOOR - SEE A500 SERIES DOOR AND FRAME SCHEDULES, ELEVATIONS AND DETAILS
5 PLUMBING FIXTURE - SEE PLUMBING DRAWINGS
6 MILLWORK RECEPTION / CIRCULATION / HELP DESK. SEE 600 SERIES
7 INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION
8 TOOTH-IN NEW MASONRY WHERE DOOR WAS REMOVED, PAINT WALL
9 NOT USED.
10 LOCKERS ON CAST IN PLACE CONCRETE BENCH
11 EXPANSION JOINT AT THIS LOCATION AS INDICATED
12 EXISTING LOCKERS TO BE RELOCATED IN THEIR RESPECTIVE GROUPINGS. INFORM ARCHITECT IF NEW LAYOUT DOES NOT WORK WITH EXISTING LOCKER GROUPS
13 NEW DISPLAY CASE AT THIS LOCATION
14 NEW 1 1/2" SOLID SURFACE COUNTER TOP ON EXISTING PARTIAL HEIGHT WALL, OVERHANG 1" ON ALL SIDES, TYPICAL.
15 PROVIDE NEW 1/2" SOLID SURFACE WINDOW STOOL AT EXISITNG WINDOW, OVERHANG 1" TYPICAL.
16 FILL IN ALL EXISTING GYPSUM WALL BOARD REVEALS IN THIS ROOM COMPLETE, SEE INTERIOR ELEVATIONS FOR MORE INFORMATION
17 PROVIDE COAT ROD AND SHELF IN CLOSET
18 WRAP EXISTING COLUMN TIGHT W/ WALL TYPE "W9" EXTEND WALL 8" ABOVE NEAREST ADJACENT CEILING
19 COORDINATE DEMO OF OPENING WITH EXISTING JOINT OF LIMESTONE ON EXTERIOR.
20 NEW DOOR LEAFS IN EXISTING FRAME. PATCH AND REPAIR EXISTING FRAME TO RECEIVE NEW SWING LEAFS, SEE DOOR SCHEDULE.
21 WHERE DOOR WAY HAS BEEN CUT INTO EXISTING WALL, OVER DEMO AND INSTALL BULL NOSED BLOCK OUTSIDE CORNERS.
22 PROVIDE BLOCKING BEHIND LOCKERS AS REQUIRED.
23 CONCRETE STOOP ON DRAINAGE FILL
24 CUSTOM DISPLAY CASE. CRL-BLUMCRAFT 1301-CM SERIES OR EQUAL. BY DIVISION 06.
25 NEW FLOOR HATCH. COORDINATE EXACT LOCATION WITH ALL OTHER TRADES. SEE DETAIL 4/A411. SEE SPECIFICATION 08 31 13
26 INFILL 3 5/8" STUD WALL WITH ONE LAYER OF GYP ABOVE BLOCK WALL AND CARRY TO DECK AT THIS LOCATION
27 WOOD SLAT WALL. ARMSTRONG WOOD GRILLE OR EQUAL.
28 INSTALL SECURITY GLAZING FILM ONTO EXISTING WINDOW AND DOOR GLAZING. ALL LITES IN THE DOOR, ON THE EXISTING WINDOWS PROVIDE GLAZING FILM ON ALL LITES THAT ARE 8'-0" AND BELOW TO FINISH FLOOR, SEE SPEC 08 87 00
29 PATCH, LEVEL, AND PREPARE FLOOR WHERE CMU WALL WAS WAS REMOVED



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REVISIONS:

1	ADDENDUM #1	02-15-24

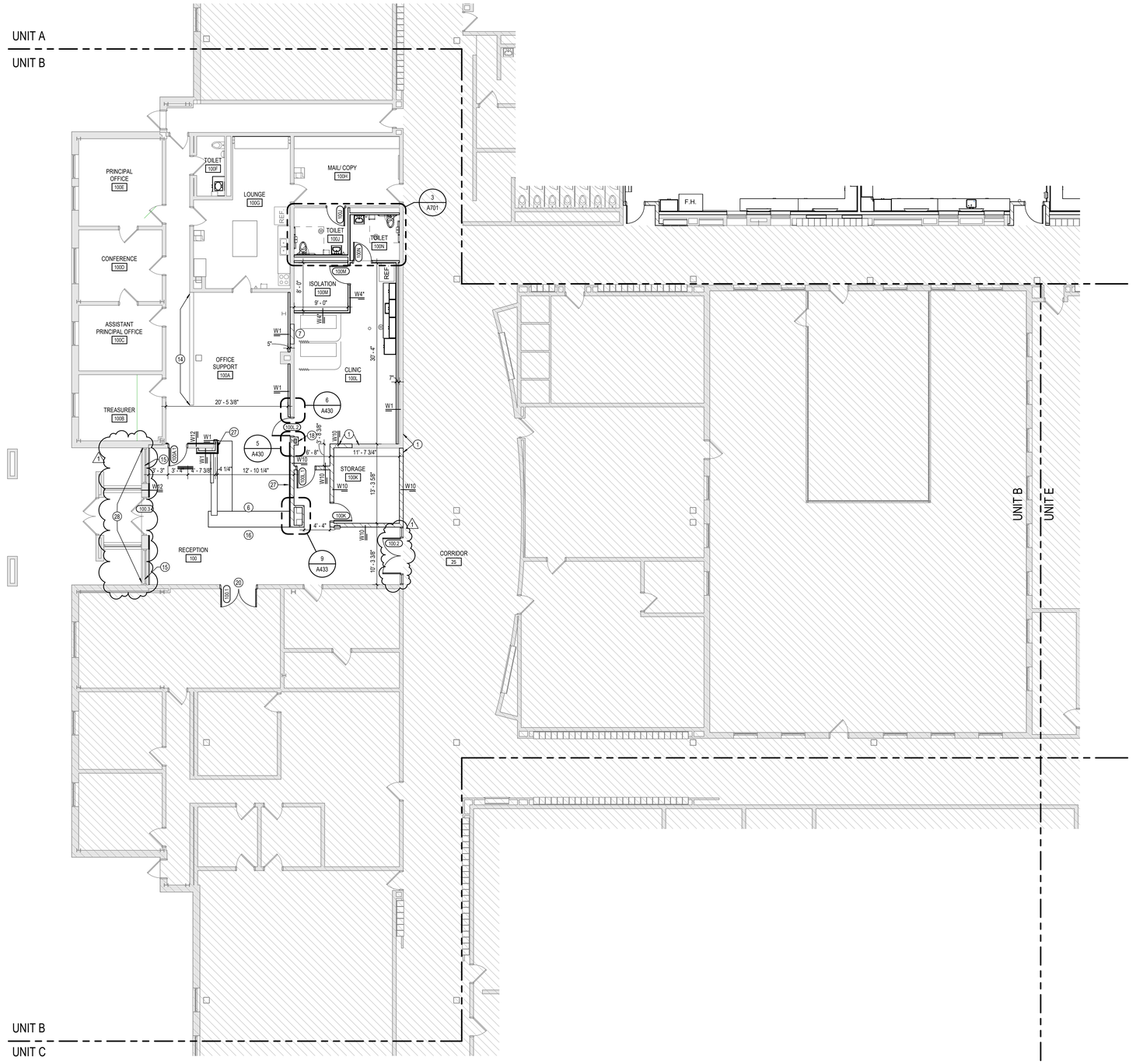
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR PLAN - UNIT A

CERTIFIED BY:
JAMES ROBERT LAMP
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A201A

PROJECT NUMBER
2022016



1 A201B FIRST FLOOR PLAN - UNIT B
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
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E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
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PLAN NOTES

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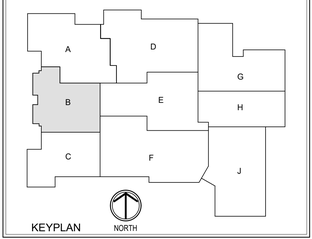

KEYPLAN

CSO
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PROJECT:
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REVISIONS:
1 ADDENDUM #1 02-15-24

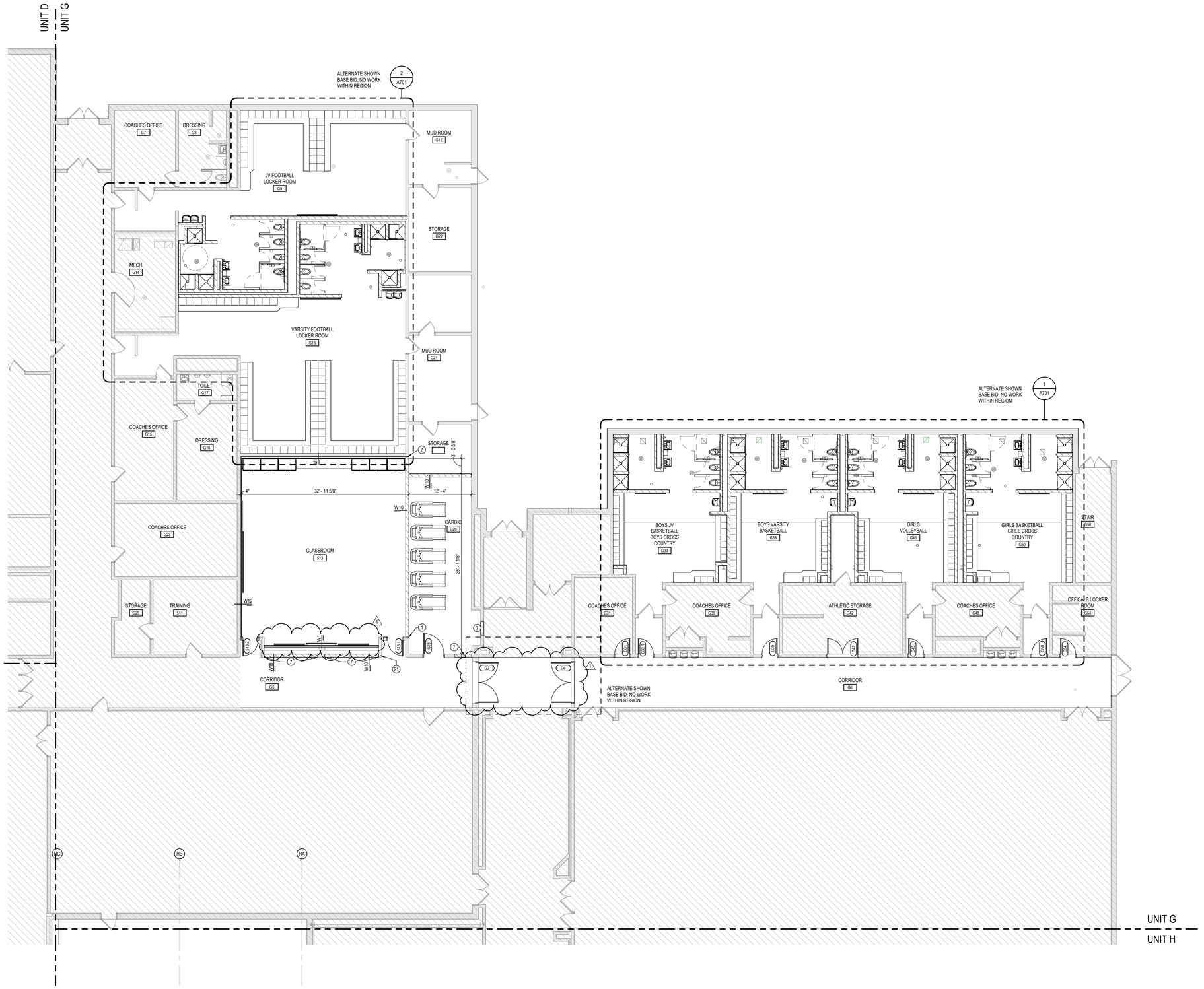
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR PLAN - UNIT B

CERTIFIED BY:
JAMES ROBERT LINK REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A201B

PROJECT NUMBER
2022016



1 A201G FIRST FLOOR PLAN - UNIT G
SCALE: 1/8" = 1'-0"

GENERAL NOTES

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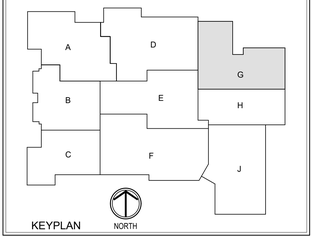
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 0'-0", REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

1 ALIGN FINISH FACES AS INDICATED
2 ADA WATER COOLER AND/OR BOTTLE FILLER - SEE PLUMBING DRAWINGS
3 OPERABLE PARTITION. SEE A9005 EQUIPMENT PLANS
4 MOTOR OPERATED OVERHEAD COILING DOOR - SEE A500 SERIES DOOR AND FRAME SCHEDULES, ELEVATIONS AND DETAILS
5 PLUMBING FIXTURE - SEE PLUMBING DRAWINGS
6 MILLWORK RECEPTION / CIRCULATION / HELP DESK. SEE 600 SERIES
7 INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION
8 TOOTH-IN NEW MASONRY WHERE DOOR WAS REMOVED, PAINT WALL
9 NOT USED.
10 LOCKERS ON CAST IN PLACE CONCRETE BENCH
11 EXPANSION JOINT AT THIS LOCATION AS INDICATED
12 EXISTING LOCKERS TO BE RELOCATED IN THEIR RESPECTIVE GROUPINGS. INFORM ARCHITECT IF NEW LAYOUT DOES NOT WORK WITH EXISTING LOCKER GROUPS
13 NEW DISPLAY CASE AT THIS LOCATION
14 NEW 1 1/2" SOLID SURFACE COUNTER TOP ON EXISTING PARTIAL HEIGHT WALL, OVERHANG 1" ON ALL SIDES, TYPICAL.
15 PROVIDE NEW 1/2" SOLID SURFACE WINDOW STOOL AT EXISITNG WINDOW, OVERHANG 1" TYPICAL.
16 FILL IN ALL EXISTING GYPSUM WALL BOARD REVEALS IN THIS ROOM COMPLETE, SEE INTERIOR ELEVATIONS FOR MORE INFORMATION
17 PROVIDE COAT ROD AND SHELF IN CLOSET
18 WRAP EXISTING COLUMN TIGHT W/ WALL TYPE "W9" EXTEND WALL 8" ABOVE NEAREST ADJACENT CEILING
19 COORDINATE DEMO OF OPENING WITH EXISTING JOINT OF LIMESTONE ON EXTERIOR.
20 NEW DOOR LEAFS IN EXISTING FRAME. PATCH AND REPAIR EXISTING FRAME TO RECEIVE NEW SWING LEAFS. SEE DOOR SCHEDULE.
21 WHERE DOOR WAY HAS BEEN CUT INTO EXISTING WALL, OVER DEMO AND INSTALL BULL NOSED BLOCK OUTSIDE CORNERS.
22 PROVIDE BLOCKING BEHIND LOCKERS AS REQUIRED.
23 CONCRETE STOOP ON DRAINAGE FILL.
24 CUSTOM DISPLAY CASE. CRL-BLUMCRAFT 1301-CM SERIES OR EQUAL. BY DIVISION 06.
25 NEW FLOOR HATCH. COORDINATE EXACT LOCATION WITH ALL OTHER TRADES. SEE DETAIL 4/A411. SEE SPECIFICATION 08 31 13
26 INFILL 3 5/8" STUD WALL WITH ONE LAYER OF GYP ABOVE BLOCK WALL AND CARRY TO DECK AT THIS LOCATION
27 WOOD SLAT WALL. ARMSTRONG WOOD GRILLE OR EQUAL.
28 INSTALL SECURITY GLAZING FILM ONTO EXISTING WINDOW AND DOOR GLAZING. ALL LITES IN THE DOOR, ON THE EXISTING WINDOWS PROVIDE GLAZING FILM ON ALL LITES THAT ARE 8'-0" AND BELOW TO FINISH FLOOR, SEE SPEC 08 87 00
29 PATCH, LEVEL, AND PREPARE FLOOR WHERE CMU WALL WAS WAS REMOVED



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

SCOPE DRAWINGS:
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REVISIONS:
1 ADDENDUM #1 02-15-24

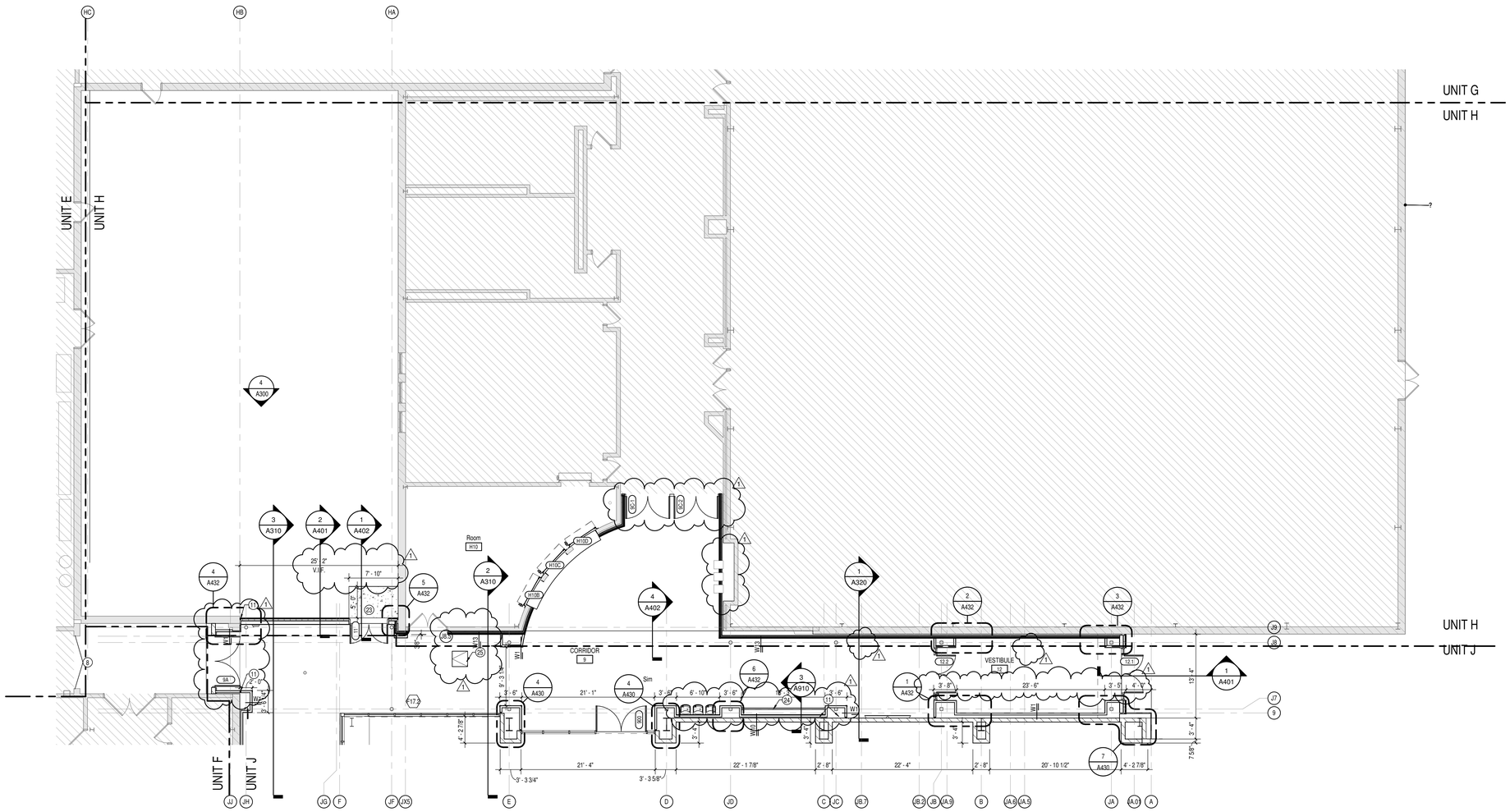
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR PLAN - UNIT G

CERTIFIED BY:
JAMES ROBERT FINK
REGISTERED
No. AR00900003
STATE OF
IND | ANA
ARCHITECT

DRAWING NUMBER
A201G

PROJECT NUMBER
2022016



1 A201H FIRST FLOOR PLAN - UNIT H
SCALE: 1/8" = 1'-0"

GENERAL NOTES

A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE STACK BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW. ALL CMU OUTSIDE CORNERS SHALL BE BULLNOSED UNLESS SPECIFICALLY NOTED OTHERWISE.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND WINDOW FRAMES IS TO BE 5/16" CLEAR LAMINATED GLASS UNLESS NOTED OTHERWISE.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
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Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
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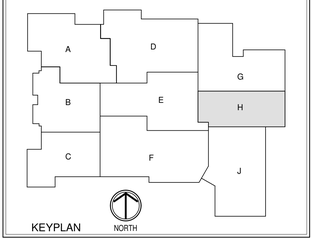

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PROJECT:
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REVISIONS:

1	ADDENDUM #1	02-15-24

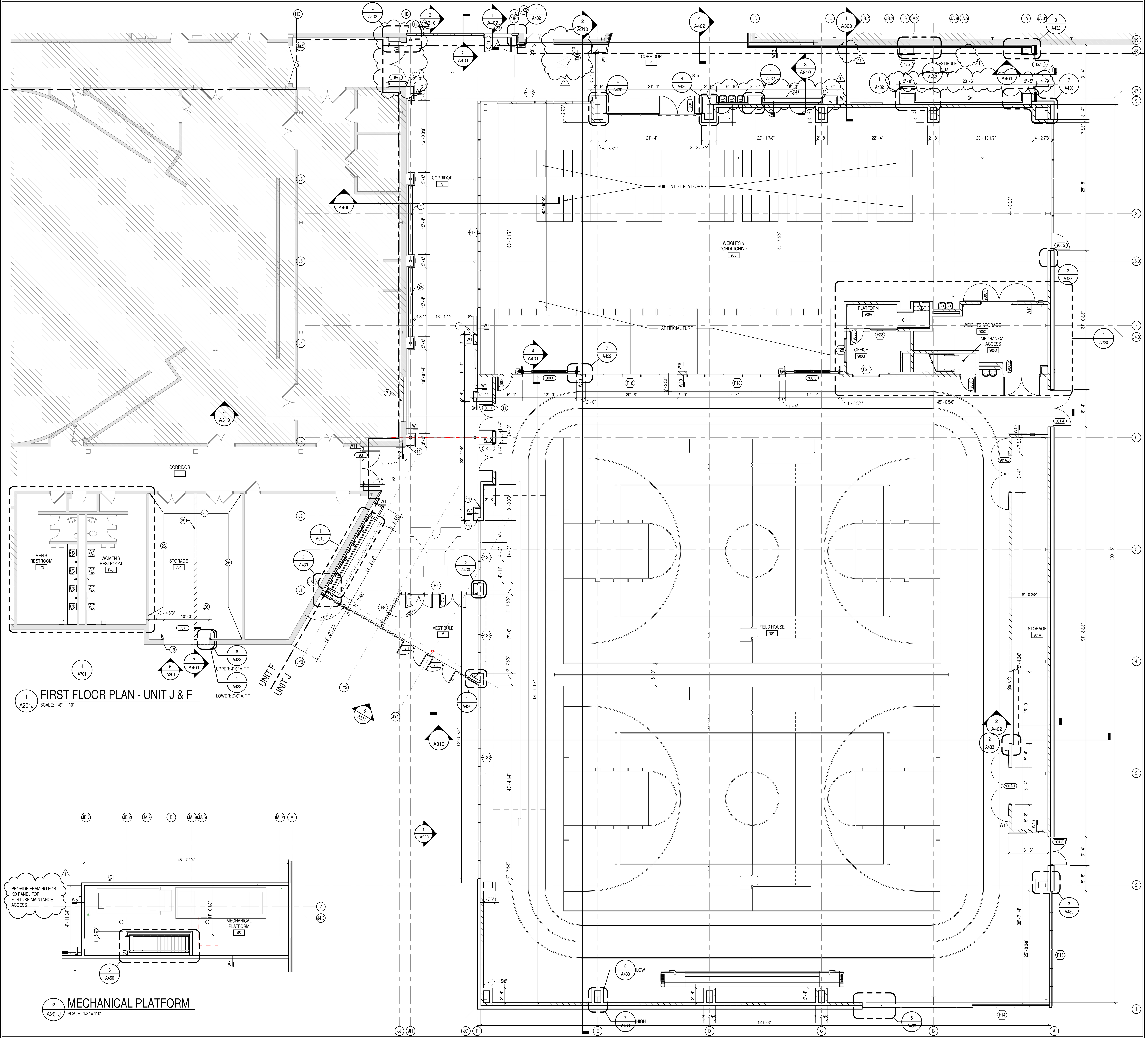
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR PLAN - UNIT H

CERTIFIED BY:
JAMES ROBERT FINK
REGISTERED
No.
AR00900003
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A201H

PROJECT NUMBER
2022016



FIRST FLOOR PLAN - UNIT J & F
1 A201J SCALE: 1/8" = 1'-0"

MECHANICAL PLATFORM
2 A201J SCALE: 1/8" = 1'-0"

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G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240).
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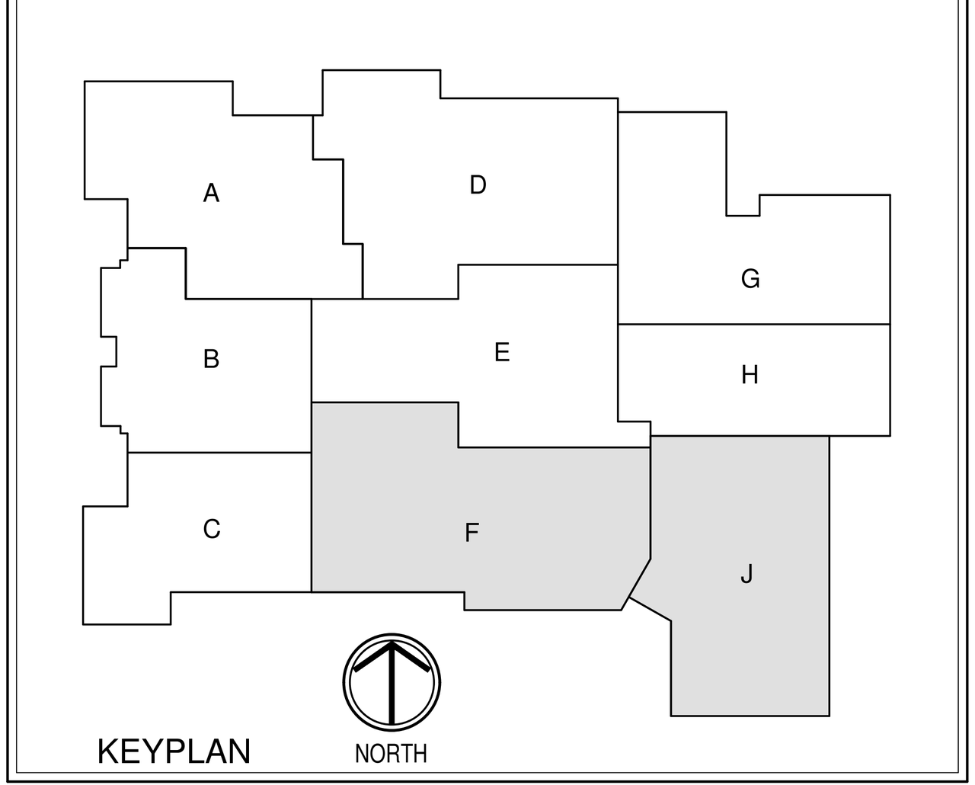

KEYPLAN

CSO
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REVISIONS:

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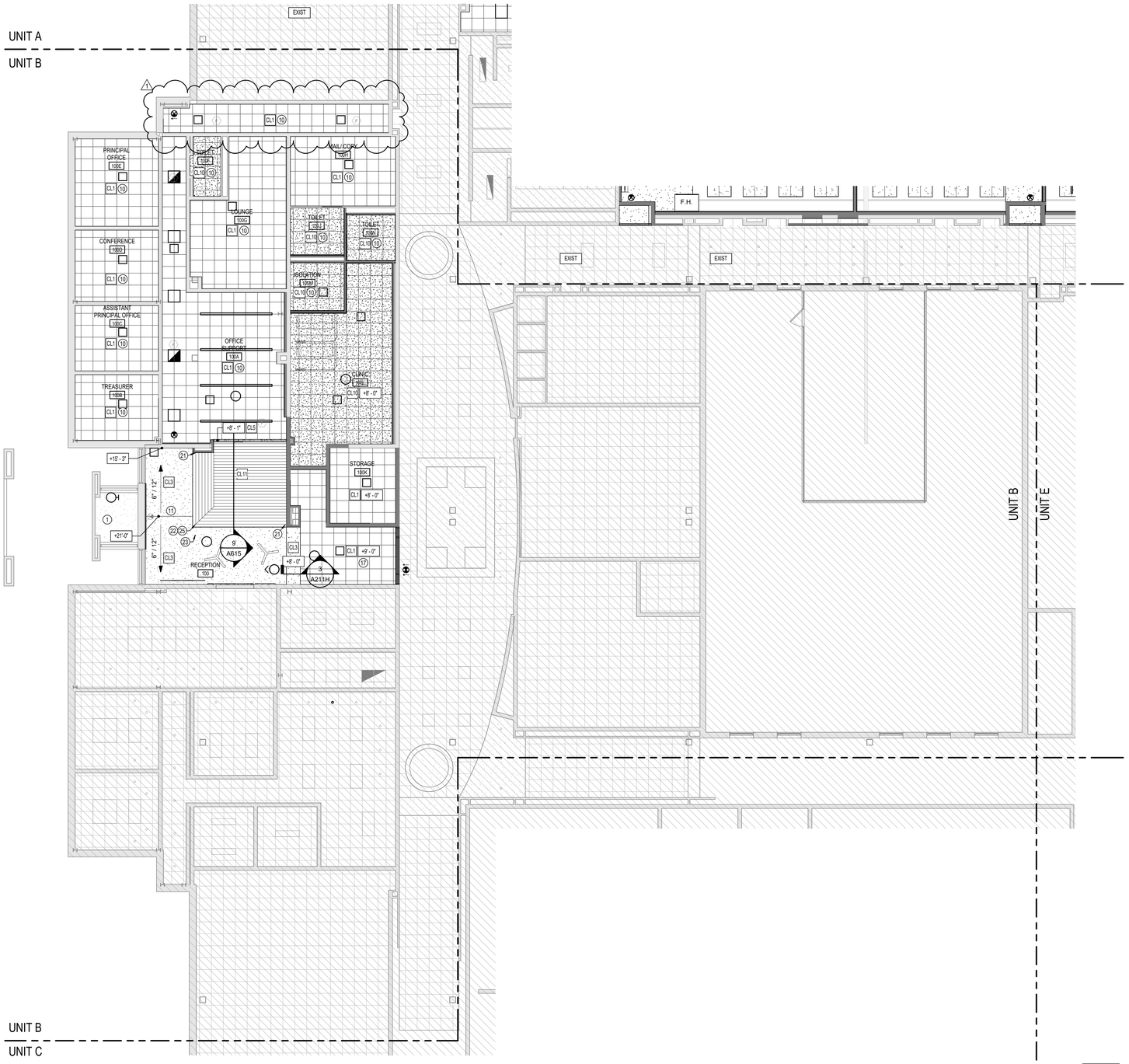
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR PLAN - UNIT J & F

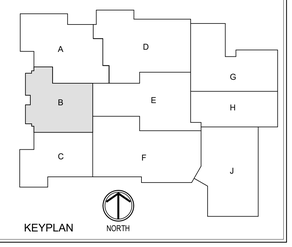
CERTIFIED BY:
JAMES ROBERT FUNK REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A201J

PROJECT NUMBER
2022016



1 A211B FIRST FLOOR REFLECTED CEILING PLAN - UNIT B
SCALE: 1/8" = 1'-0"



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.
C. 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.
E. 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, ETC.
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 DRAWINGS
- 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
- CL1 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...
- CL2 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.
- CL5 GYPSUM WALLBOARD BULKHEAD
  PAINT: SEE A800 SERIES FINISH PLANS.
- CL6 EXPOSED STRUCTURE - PAINTED SEE FINISH PLANS
- CL7 NOT USED.
- CL8 SUSPENDED METAL LAY-IN CEILING
  MFG: ARMSTRONG MODEL
  STYLE: METALWORKS MESH TORSION SPRING
  WITH 4" AXIOM KNIFE EDGE TRIM (MATCH TO PANTONE 7731 C)
  COLOR: TECH BLACK (BL)
  SUSPENSION COLOR: BLACK (BL3) SIZE: 2CELL(D02)
  LOCATION: CORRIDOR
- CL9 SUSPENDED ACOUSTICAL LAY-IN CEILING
  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
  COLOR: WHITE SIZE: 2' x 4' x 3/4"
  LOCATION: SCIENCE LABS
- CL11 WOOD SLAT CEILING SYSTEM
  MFG: ARMSTRONG WOODWORKS GRILLE
  STYLE: STAINED POPLAR WOOD
  DESCRIPTION: W/ BACKERS
  COLOR: TBD
  LOCATION: RECEPTION DESK
- CL12 SUSPENDED ACOUSTICAL LAY-IN CEILING
  MFG: ARMSTRONG MODEL #1915
  STYLE: ULTIMA LAY-IN
  DESCRIPTION: SQUARE EDGE
  COLOR: BLACK SIZE: 2' x 4' x 3/4"
  LOCATION: VESTIBULES
- +0'-0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

REFLECTED CEILING PLAN NOTES

1 EXISTING GYPSUM CEILING, PAINT (P5).
2 METAL SOFFIT.
3 SLOPE GYPSUM CEILING SEE PLANS FOR ELEVATIONS
4 INSTALL GYPSUM CEILING AT 8'-0" AFF., PAINT.
5 GYPSUM BULKHEAD TO RECEIVE PAINT (P2) ON ALL FACES.
6 WHERE NEW DOOR OPENINGS INSTALLED, PROVIDE NEW LINTEL AND CMU WALL ABOVE DOOR OPENING TO ABOVE CEILING.
7 REMOVE PORTION OF CEILING AS NEEDED TO INSTALL NEW DOOR LINTEL AND WALL.
8 PATCH BACK CMU WALL WHERE DOOR POCKET WAS REMOVED, CMU TO EXTEND ABOVE CEILING.
9 WHERE FUME HOODS ARE IN SCIENCE LABS, PROVIDE METAL SHROUD ON ALL EXPOSED SIDES TO GREATEST EXTENTS POSSIBLE TO ROOF DECK OR BOTTOM OF CEILING.
10 INSTALL NEW CEILINGS AT SAME HEIGHT AS PREVIOUSLY DEMOLISHED CEILINGS.
11 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
15 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.
17 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.

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

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 construction and materials to be employed.
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 Contractor shall furnish all labor and materials required for the proper execution and completion of the work.

REVISIONS:
1 ADDENDUM #1 02-15-24

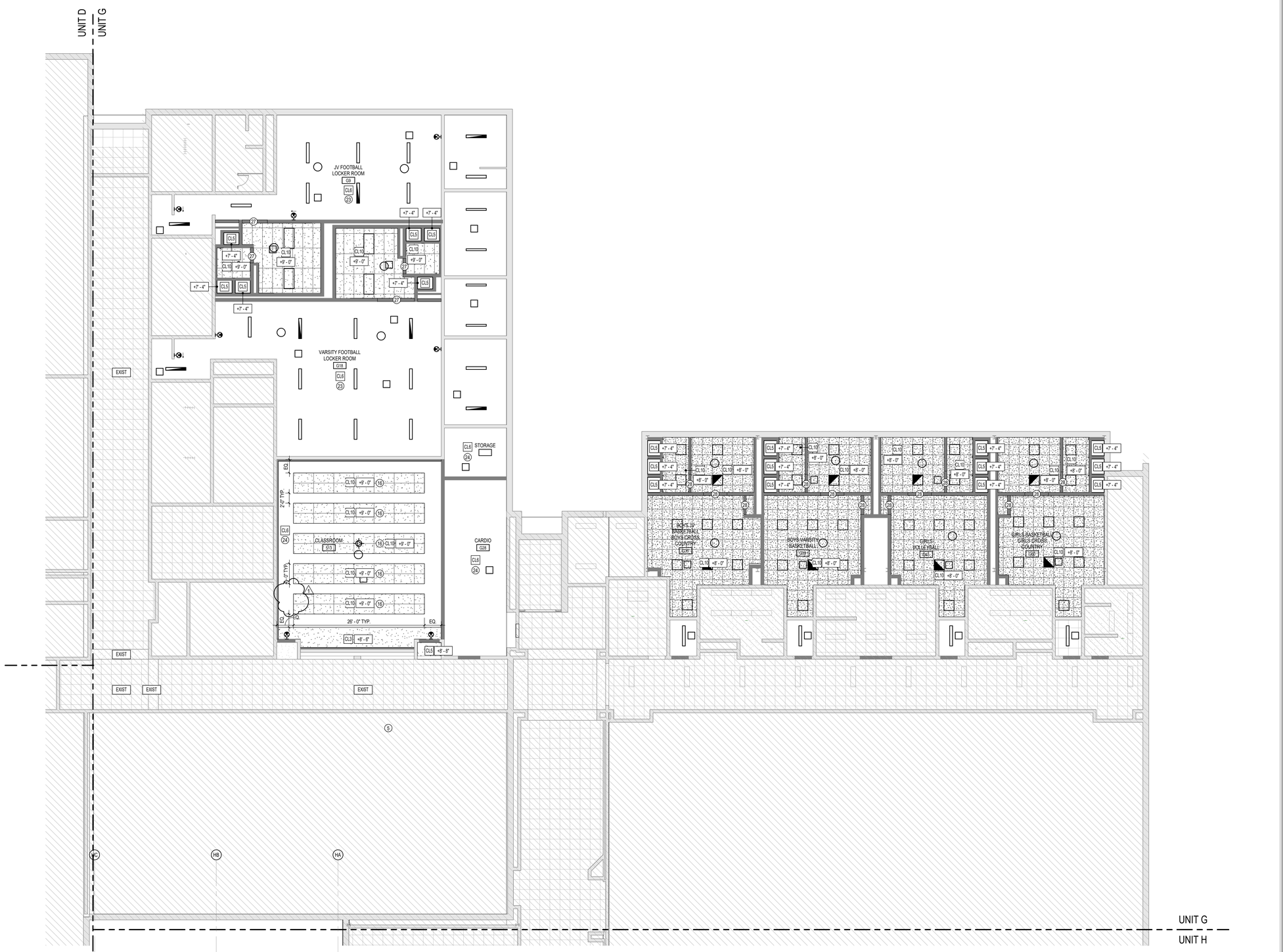
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT B

CERTIFIED BY:
JAMES ROBERT HUNT REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

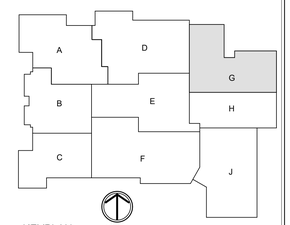
DRAWING NUMBER
A211B

PROJECT NUMBER
2022016



FIRST FLOOR
REFLECTED CEILING PLAN - UNIT G

1 / A211G SCALE: 1/8" = 1'-0"



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.
C. 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.
E. 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, ETC.
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 DRAWINGS
- 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
- CL1 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...
- CL2 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.
- CL5 GYPSUM WALLBOARD BULKHEAD PAINT: SEE A800 SERIES FINISH PLANS.
- CL6 EXPOSED STRUCTURE - PAINTED SEE FINISH PLANS
- CL7 NOT USED.
- CL8 SUSPENDED METAL LAY-IN CEILING MFG: ARMSTRONG MODEL STYLE: METALWORKS MESH TORSION SPRING WITH 4" AXIOM KNIFE EDGE TRIM (MATCH TO PANTONE 7731 C) COLOR: TECH BLACK (BL) SUSPENSION COLOR: BLACK (BL3) SIZE: 2CELL(D02) LOCATION: CORRIDOR
- CL9 SUSPENDED ACOUSTICAL LAY-IN CEILING 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 COLOR: WHITE SIZE: 2' x 4' x 3/4" LOCATION: SCIENCE LABS
- CL11 WOOD SLAT CEILING SYSTEM MFG: ARMSTRONG WOODWORKS GRILLE STYLE: STAINED POPLAR WOOD DESCRIPTION: W/ BACKERS COLOR: TBD LOCATION: RECEPTION DESK
- CL12 SUSPENDED ACOUSTICAL LAY-IN CEILING MFG: ARMSTRONG MODEL #1915 STYLE: ULTIMA LAY-IN DESCRIPTION: SQUARE EDGE COLOR: BLACK SIZE: 2' x 4' x 3/4" LOCATION: VESTIBULES
- +9' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

REFLECTED CEILING PLAN NOTES

1 EXISTING GYPSUM CEILING, PAINT (P5).
2 METAL SOFFIT.
3 SLOPE GYPSUM CEILING SEE PLANS FOR ELEVATIONS
4 INSTALL GYPSUM CEILING AT 8'-0" AFF., PAINT.
5 GYPSUM BULKHEAD TO RECEIVE PAINT (P2) ON ALL FACES.
6 WHERE NEW DOOR OPENINGS INSTALLED, PROVIDE NEW LINTEL AND CMU WALL ABOVE DOOR OPENING TO ABOVE CEILING.
7 REMOVE PORTION OF CEILING AS NEEDED TO INSTALL NEW DOOR LINTEL AND WALL.
8 PATCH BACK CMU WALL WHERE DOOR POCKET WAS REMOVED, CMU TO EXTEND ABOVE CEILING.
9 WHERE FUME HOODS ARE IN SCIENCE LABS, PROVIDE METAL SHROUD ON ALL EXPOSED SIDES TO GREATEST EXTENTS POSSIBLE TO ROOF DECK OR BOTTOM OF CEILING.
10 INSTALL NEW CEILINGS AT SAME HEIGHT AS PREVIOUSLY DEMOLISHED CEILINGS.
11 STRIP EXPANSION JOINT AT RIDGE AND PERIMETER
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15 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.
17 GYPSUM BULKHEAD TO RECEIVE PAINT (P1) ON ALL FACES.
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20 ALIGN NEW CEILING W/ CORNER.
21 ALIGN WALL PANEL (WP3) FROM CORNER.
22 ADJACENT WALL PANELS (WP3) TO ALIGN.
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27 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +8'-8" AFF.
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29 BOND BEAM LINTEL, BOTTOM OF BOND BEAM AT +7'-4" AFF.

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PROJECT:
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ADDITIONS AND RENNOVATIONS
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REVISIONS:

1	ADDENDUM #1	02-15-24

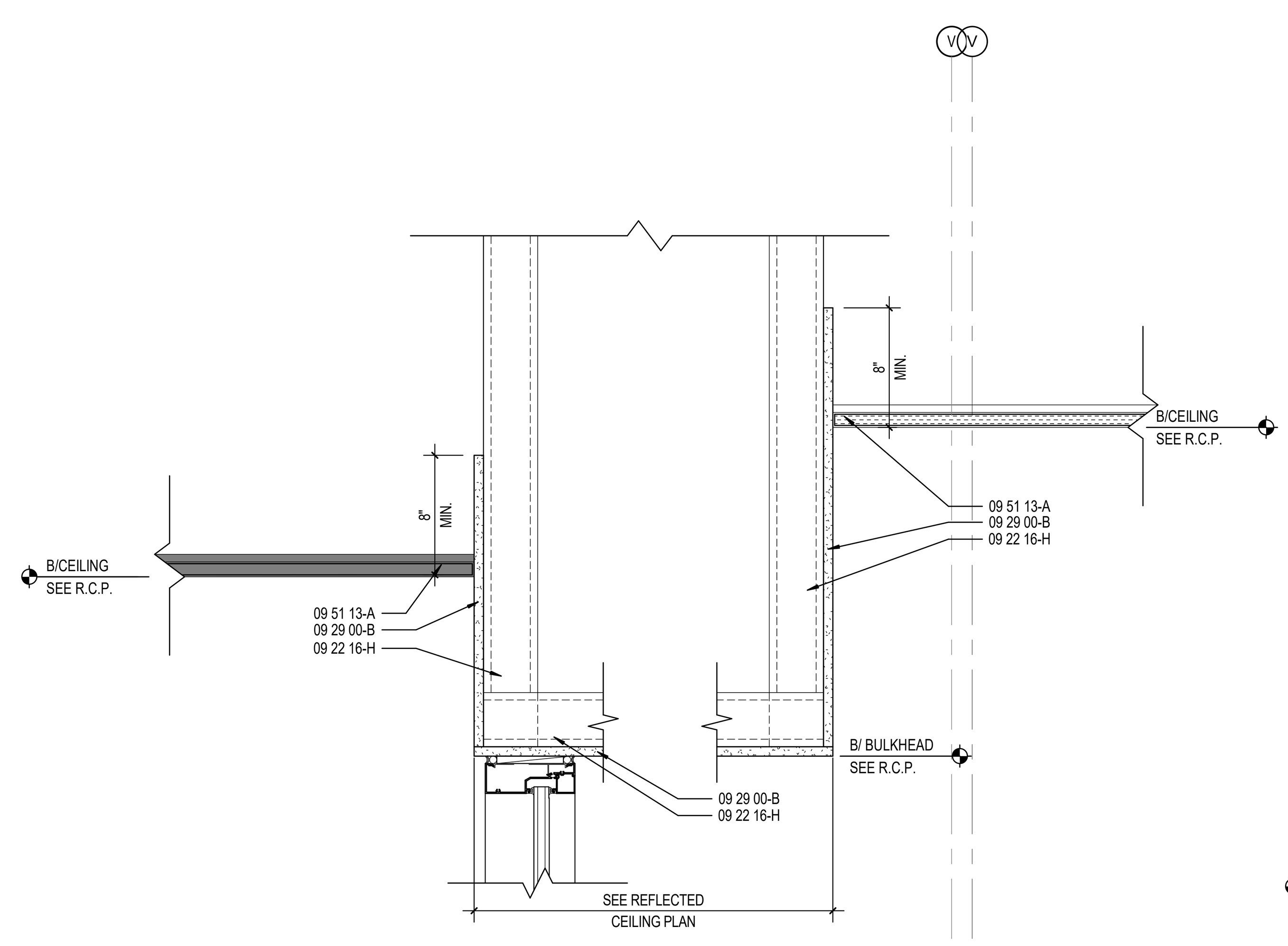
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT G

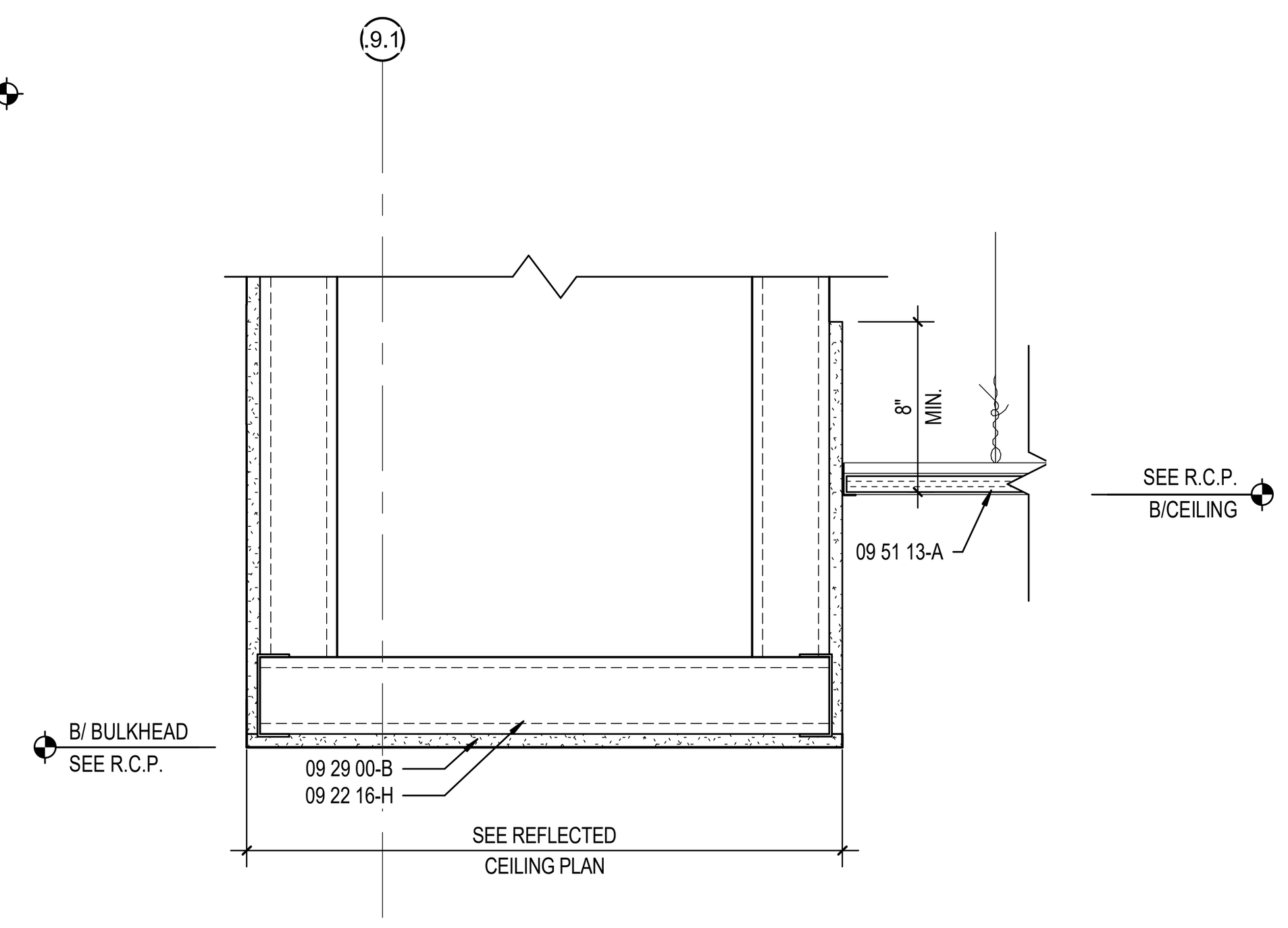
CERTIFIED BY:
JAMES ROBERT JUMP REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A211G

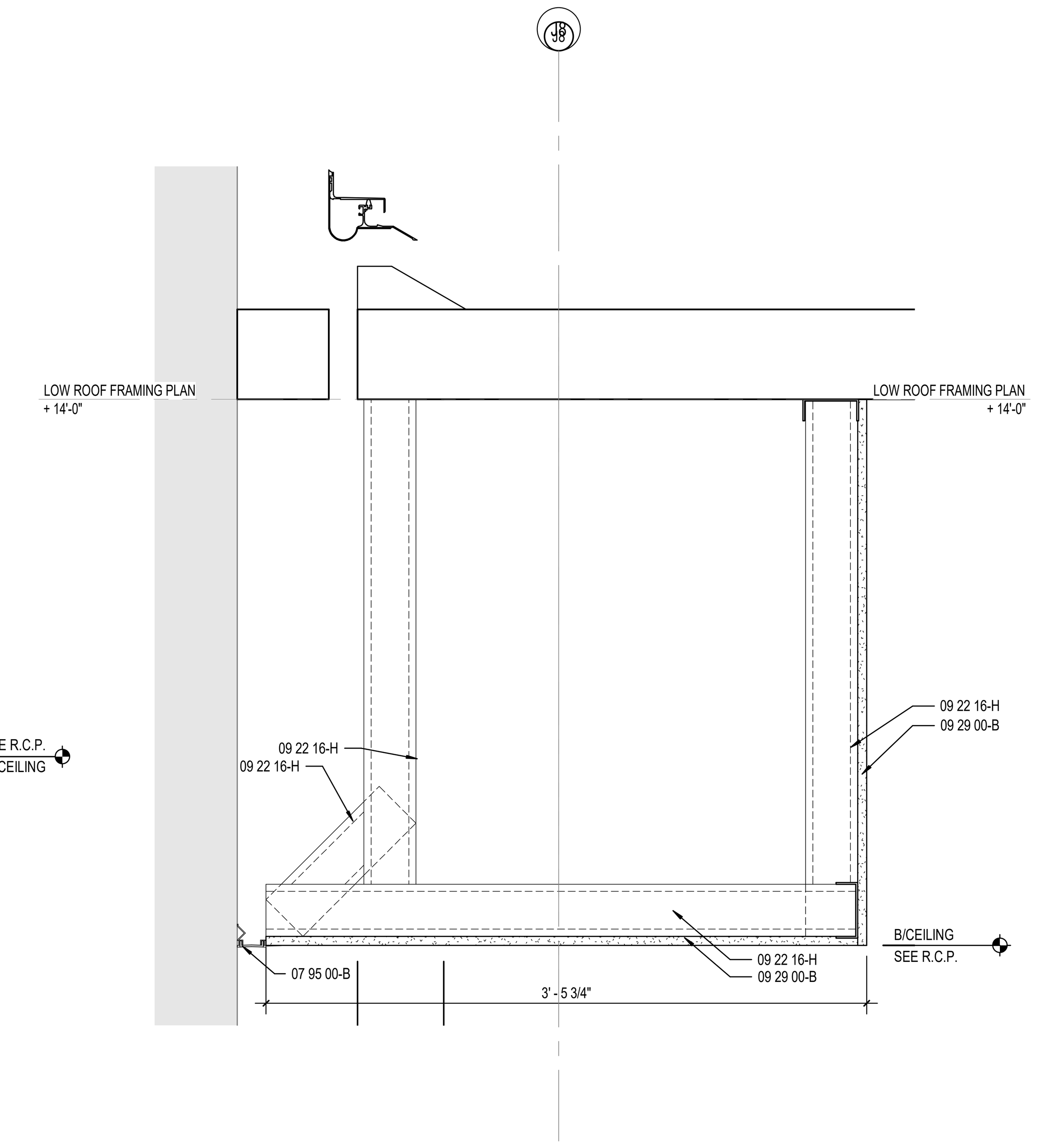
PROJECT NUMBER
2022016



4 A211H **ENLARGED CEILING DETAIL**
SCALE: 1 1/2" = 1'-0"



3 A211H **ENLARGED SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"



2 A211H **ENLARGED SECTION DETAIL**
SCALE: 1 1/2" = 1'-0"

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.

C. 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.

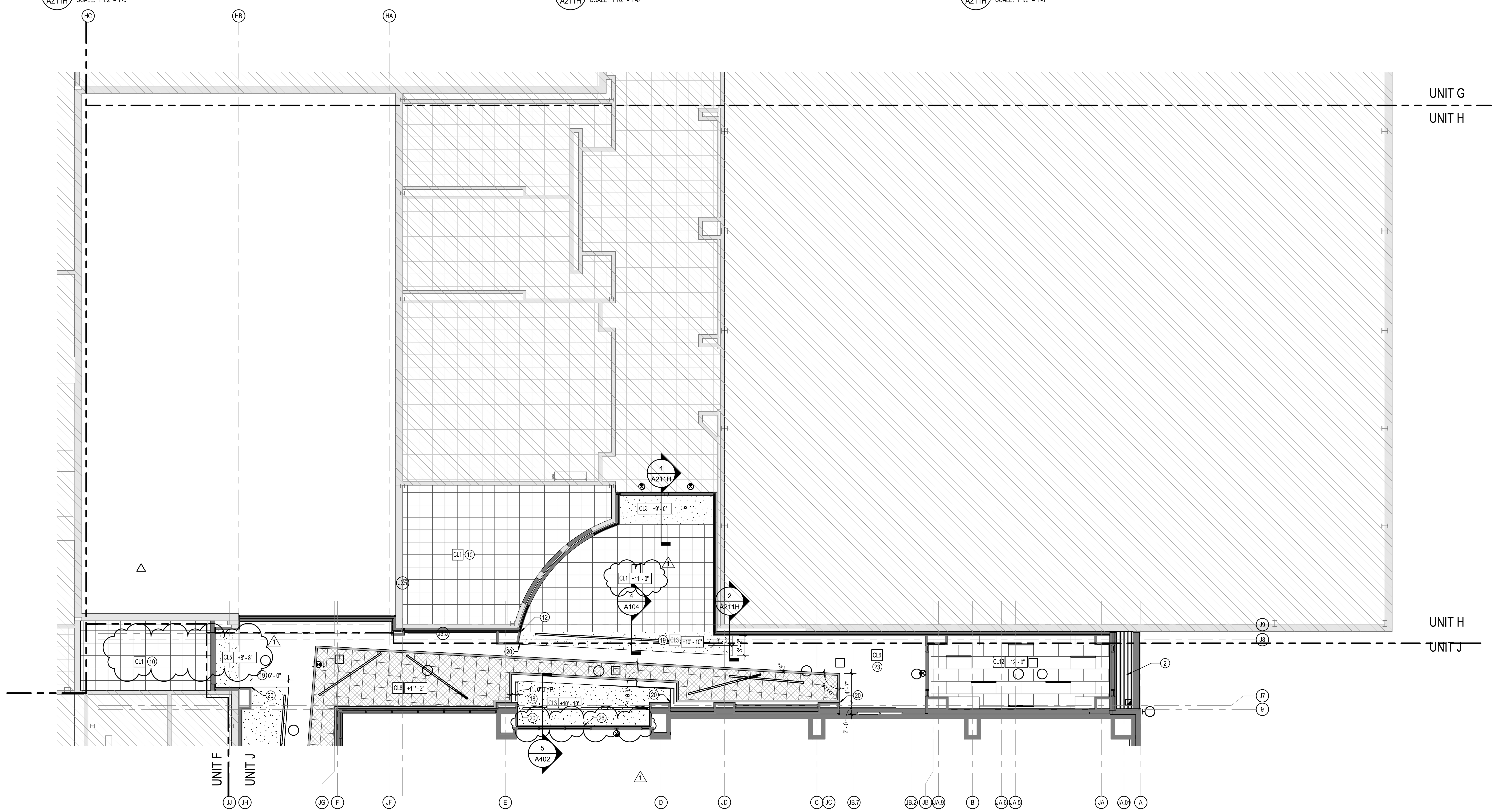
D. SEE THE STRUCTURAL DRAWINGS FOR MASONRY WALLS USED FOR SHEAR WALLS THAT ARE REQUIRED TO EXTEND TO DECK/STRUCTURE ABOVE. PROVIDE BRACING FOR ALL MASONRY WALLS NOT EXTENDING TO THE DECK/STRUCTURE AS DETAILED ON STRUCTURAL DRAWINGS.

E. 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, ETC.

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.



1 A211H **FIRST FLOOR REFLECTED CEILING PLAN - UNIT H**
SCALE: 1/8" = 1'-0"

REFLECTED CEILING LEGEND

Symbol	Description
	FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACED MOUNTED, SEE ELECTRICAL DRAWINGS
	DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DRAWINGS
	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
CL1	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...
CL2	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.
CL5	GYPSUM WALLBOARD BULKHEAD PAINT: SEE A800 SERIES FINISH PLANS.
CL6	EXPOSED STRUCTURE - PAINTED SEE FINISH PLANS
CL7	NOT USED.
CL8	SUSPENDED METAL LAY-IN CEILING MFG: ARMSTRONG MODEL STYLE: METALWORKS MESH TORSION SPRING WITH 4" AXIOM KNIFE EDGE TRIM (MATCH TO PANTONE 7731 C) COLOR: TECH BLACK (BL) SUSPENSION COLOR: BLACK (BL3) SIZE: 2CELL(D02) LOCATION: CORRIDOR
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CL11	WOOD SLAT CEILING SYSTEM MFG: ARMSTRONG WOODWORKS GRILLE STYLE: STAINED POPLAR WOOD DESCRIPTION: W/ BACKERS COLOR: TBD LOCATION: RECEPTION DESK
CL12	SUSPENDED ACOUSTICAL LAY-IN CEILING MFG: ARMSTRONG MODEL #1915 STYLE: ULTIMA LAY-IN DESCRIPTION: SQUARE EDGE COLOR: BLACK SIZE: 2' x 4' x 3/4" LOCATION: VESTIBULES
+0' - 0"	CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

REFLECTED CEILING PLAN NOTES

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2 METAL SOFFIT.
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4 INSTALL GYPSUM CEILING AT 8'-0" AFF., PAINT.
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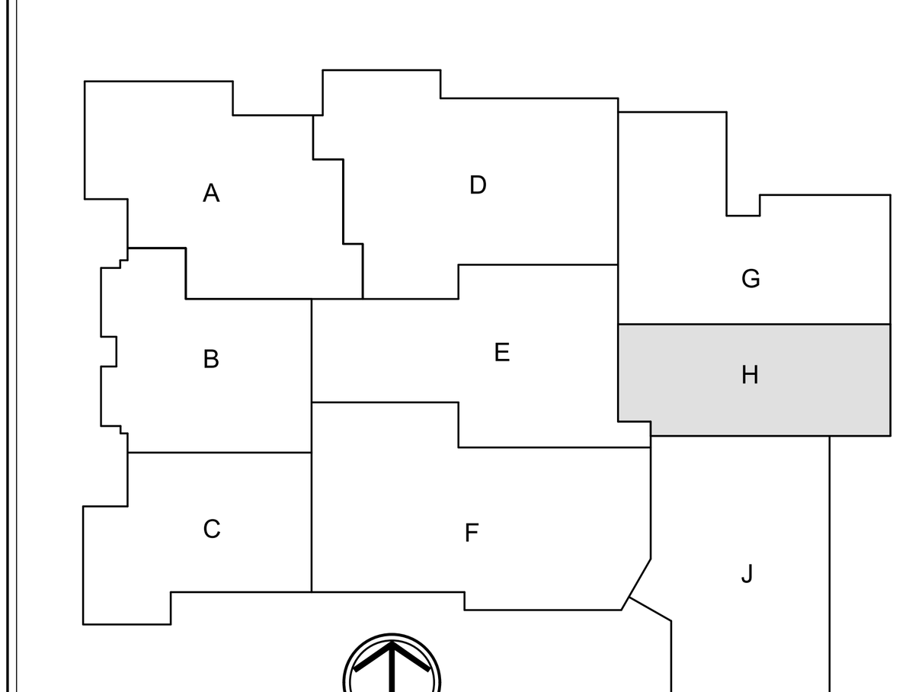

KEYPLAN
NORTH

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317.848.7800 | csoinc.net

PROJECT:
YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS
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1	ADDENDUM #1	02-15-24

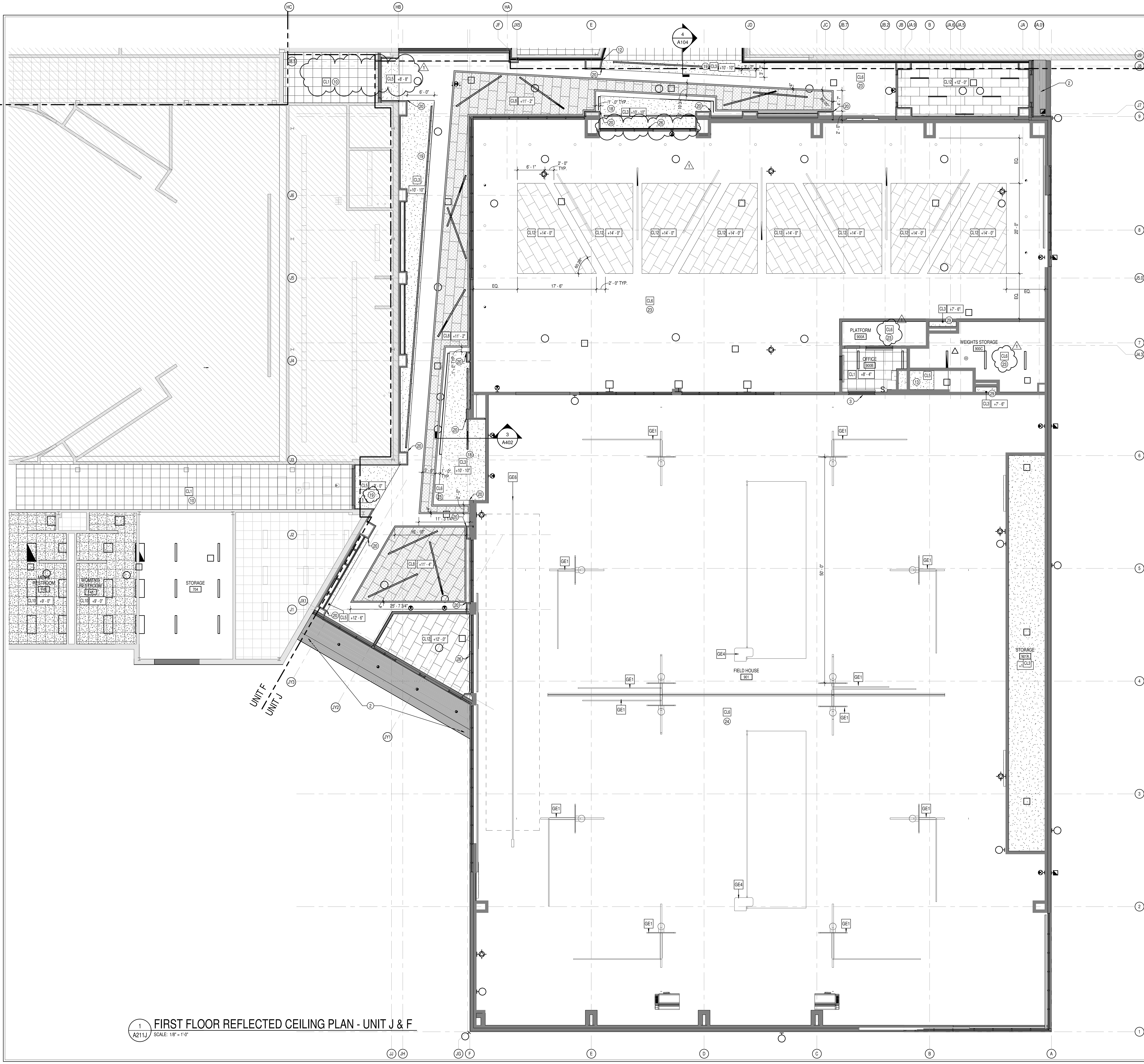
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR REFLECTED CEILING PLAN - UNIT H

CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A211H

PROJECT NUMBER
2022016



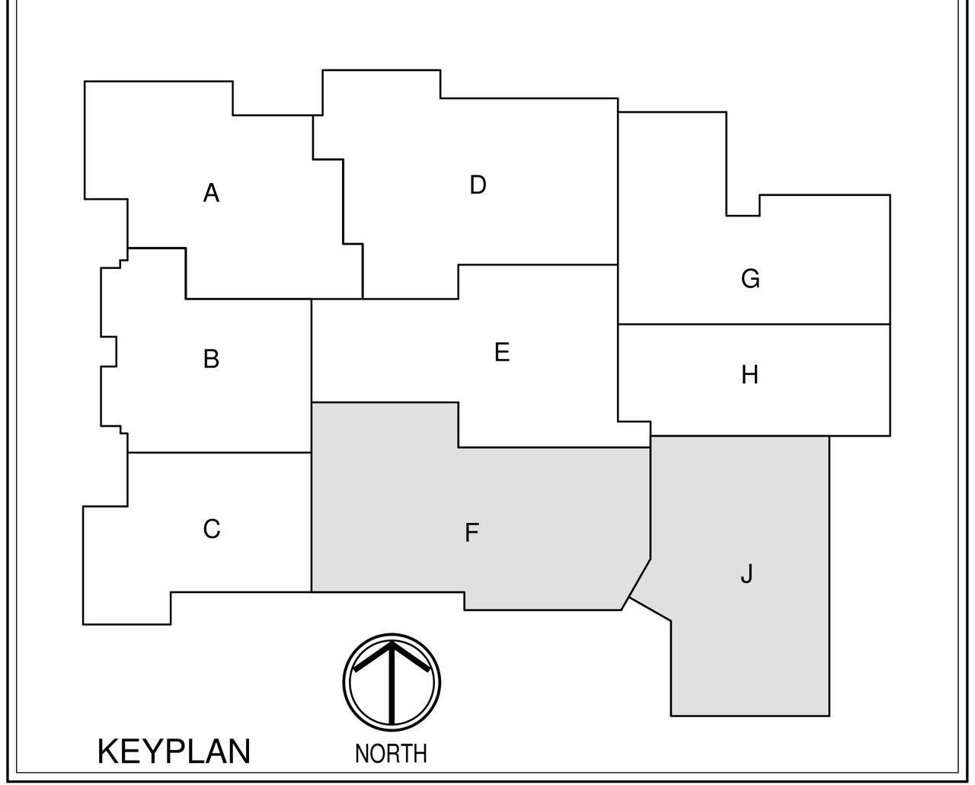
1 A211J FIRST FLOOR REFLECTED CEILING PLAN - UNIT J & F
SCALE: 1/8" = 1'-0"

REFLECTED CEILING LEGEND

- FLUORESCENT LIGHT FIXTURES, RECESSED OR SURFACED MOUNTED, SEE ELECTRICAL DRAWINGS
- DOWNLIGHT/HIGH BAY LIGHT FIXTURE; SEE ELECTRICAL DRAWINGS
- 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
- CL1 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...
- CL2 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.
- CL5 GYPSUM WALLBOARD BULKHEAD
  PAINT: SEE A800 SERIES FINISH PLANS.
- CL6 EXPOSED STRUCTURE - PAINTED SEE FINISH PLANS
- CL7 NOT USED.
- CL8 SUSPENDED METAL LAY-IN CEILING
  MFG: ARMSTRONG MODEL
  STYLE: METALWORKS MESH TORSION SPRING
  WITH 4" AXIOM KNIFE EDGE TRIM (MATCH TO PANTONE 7731 C)
  COLOR: TECH BLACK (BL)
  SUSPENSION COLOR: BLACK (BL3) SIZE: 2CELL(D02)
  LOCATION: CORRIDOR
- CL9 SUSPENDED ACOUSTICAL LAY-IN CEILING
  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
  COLOR: WHITE SIZE: 2' x 4' x 3/4"
  LOCATION: SCIENCE LABS
- CL11 WOOD SLAT CEILING SYSTEM
  MFG: ARMSTRONG WOODWORKS GRILLE
  STYLE: STAINED POPLAR WOOD
  DESCRIPTION: W/ BACKERS
  COLOR: TBD
  LOCATION: RECEPTION DESK
- CL12 SUSPENDED ACOUSTICAL LAY-IN CEILING
  MFG: ARMSTRONG MODEL #1915
  STYLE: ULTIMA LAY-IN
  DESCRIPTION: SQUARE EDGE
  COLOR: BLACK SIZE: 2' x 4' x 3/4"
  LOCATION: VESTIBULES
- +0' - 0" CEILING ELEVATION MARK ABOVE FINISHED FLOOR (AT THAT LOCATION IF MULTIPLE FLOOR LEVELS ARE PRESENT)

REFLECTED CEILING PLAN NOTES

1 EXISTING GYPSUM CEILING, PAINT (P5).
2 METAL SOFFIT.
3 SLOPE GYPSUM CEILING SEE PLANS FOR ELEVATIONS
4 INSTALL GYPSUM CEILING AT 8'-0" AFF., PAINT.
5 GYPSUM BULKHEAD TO RECEIVE PAINT (P2) ON ALL FACES.
6 WHERE NEW DOOR OPENINGS INSTALLED, PROVIDE NEW LINTEL AND CMU WALL ABOVE DOOR OPENING TO ABOVE CEILING.
7 REMOVE PORTION OF CEILING AS NEEDED TO INSTALL NEW DOOR LINTEL AND WALL.
8 PATCH BACK CMU WALL WHERE DOOR POCKET WAS REMOVED, CMU TO EXTEND ABOVE CEILING.
9 WHERE FUME HOODS ARE IN SCIENCE LABS, PROVIDE METAL SHROUD ON ALL EXPOSED SIDES TO GREATEST EXTENTS POSSIBLE TO ROOF DECK OR BOTTOM OF CEILING.
10 INSTALL NEW CEILINGS AT SAME HEIGHT AS PREVIOUSLY DEMOLISHED CEILINGS.
11 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
15 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.
17 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.



KEYPLAN

CSO
8831 Keystone Crossing, Indianapolis, IN 46240
317.848.7800 | csoinc.net

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

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 02-15-24

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FIRST FLOOR REFLECTED CEILING PLAN - UNIT J & F

CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED No. AR00900003 STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A211J

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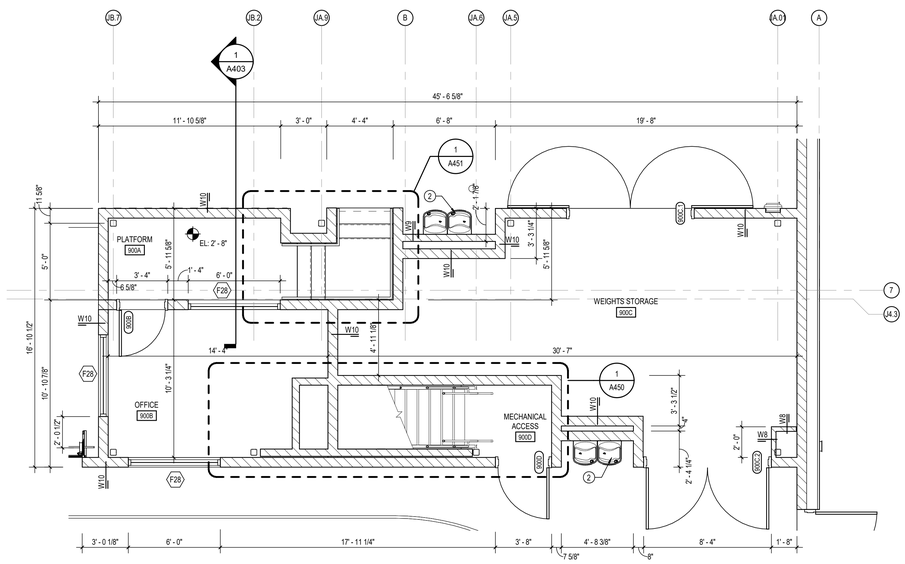
GENERAL NOTES

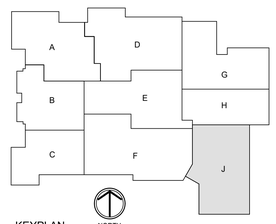
A. COORDINATE THE WORK OF EACH TRADE WITH THE WORK OF OTHER TRADES.
B. ALL WORK IS TO BE COMPLETED IN STRICT ACCORDANCE WITH ALL APPLICABLE CODES, ORDINANCES, RULES, REGULATIONS AND STANDARDS INCLUDING, BUT NOT LIMITED TO THOSE LISTED ON THE COVER SHEET. ALL APPLICABLE RULES & REGULATIONS ARE TO BE THE MOST CURRENT ADOPTED EDITIONS.
C. FIELD VERIFY EXISTING CONDITIONS AND DIMENSIONS PRIOR TO THE COMMENCEMENT OF WORK. DISCREPANCIES BETWEEN THE DOCUMENTS AND THE ACTUAL CONDITIONS SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT PRIOR TO THE COMMENCEMENT OF WORK.
D. ALL DIMENSIONS ARE FROM CENTERLINE OF STRUCTURE, FINISH FACE OF WALL, FACE OF MASONRY, OR FACE OF EXISTING.
E. ANY DIMENSIONS NOT SHOWN OR DEEMED QUESTIONABLE ARE TO BE VERIFIED BY ARCHITECT. DO NOT SCALE DRAWINGS.
F. REFER TO WALL TYPE SCHEDULE, SHEET A200, TO DETERMINE WHICH WALLS EXTEND TO DECK. SEE STRUCTURAL FOR TOP SUPPORT DETAIL. WHERE METAL STUDS EXTEND TO DECK, PROVIDE SLIP CONNECTIONS FOR ROOF/ FLOOR DEFLECTION.
G. ALL STEEL STUDS ARE TO BE BRACED ACCORDING TO MANUFACTURER LIMIT HEIGHT (L/240)
H. WHERE INSULATED OR SOUND WALLS EXTEND TO DECK, FILL DECK FLUTES WITH INSULATION/ SOUND ATTENUATION.
I. REFER TO PLUMBING PLANS FOR LOCATION OF FLOOR DRAINS.
J. WHERE ACCESS PANELS ARE SHOWN IN TOILET ROOM CHASES, FINAL LOCATION SHALL BE COORDINATED WITH OTHER TRADES PRIOR TO INSTALLATION.
K. ALL CONCRETE MASONRY UNITS (CMU) SHALL BE STACK BOND U.N.O. CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW. ALL CMU OUTSIDE CORNERS SHALL BE BULLNOSED UNLESS SPECIFICALLY NOTED OTHERWISE.
L. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (U.N.O.) AT THE DECK TO BE FILLED WITH FIRE STOPPING AT RATED WALLS PER PROJECT MANUAL, AND MINERAL WOOL AT THE NON-RATED WALLS TO ALLOW FOR DEFLECTION.
M. THERE SHALL BE PERIMETER INSULATION CONTINUOUS AROUND THE ENTIRE PERIMETER OF THE BUILDING EXTENDING 2'-0" MINIMUM (R-15 MIN.) HORIZONTAL.
N. PROVIDE MISCELLANEOUS SUPPORT FOR ALL CEILING SUSPENDED ITEMS.
O. DOOR AND FRAME NUMBERS CORRESPOND TO ROOM NUMBERS WHERE MORE THAN ONE DOOR OCCURS IN A ROOM, A SUFFIX HAS BEEN ADDED (E.G. A100-1). SEE A500 SERIES DRAWINGS FOR DOOR SCHEDULE AND DETAILS.
P. ALL DOOR FRAMES SHALL BE LOCATED 4" OFF FINISH WALLS OR 4" OFF MASONRY WALLS UNLESS NOTED OTHERWISE.
Q. ALL GLASS AT INTERIOR DOOR FRAMES, DOOR LITES AND WINDOW FRAMES IS TO BE 5/16" CLEAR LAMINATED GLASS UNLESS NOTED OTHERWISE.
R. AT BUILDING EXPANSION JOINTS, ALL PARTITIONS, CEILINGS, FLOORS AND ALL WALL, FLOOR OR CEILING MOUNTED ITEMS SHALL BE ANCHORED TO THE BUILDING STRUCTURE ON ONLY ONE SIDE OF THE EXPANSIONS JOINTS. CONTRACTOR SHALL COORDINATE CONSTRUCTION OR INSTALLATION OF ALL ITEMS NOTED TO ASSURE THAT NO SUCH ITEMS BRIDGE ACCROSS THE EXPANSION JOINT.
S. ALL SLAB-ON-GRADE CONTROL JOINTS TO BE CLEANED AND CAULKED PRIOR TO PLACEMENT OF FLOOR FINISH.
T. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAILS.
U. REFER TO MECHANICAL DRAWINGS FOR WALL LOUVER LOCATIONS, SIZES AND QUANTITIES.
V. SEE A800 SERIES DRAWINGS FOR FINISH SCHEDULE AND PLANS.
W. SEE A900 SERIES DRAWINGS FOR EQUIPMENT SCHEDULE AND PLANS. PROVIDE BLOCKING IN STUD WALLS AND/OR GROUTED MASONRY CORES AS REQUIRED TO SUPPORT EQUIPMENT.
X. PROVIDE FIRE RESISTANT TREATED WOOD BLOCKING SUPPORTS AS REQUIRED FOR ALL SURFACE MOUNTED ITEMS.
Y. WHERE DISIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR UNLESS NOTED OTHERWISE.
Z. APPLY SEALANT AT ALL JUNCTURES BETWEEN DIFFERENT MATERIALS (E.G. MASONRY TO GYPSUM WALL BOARD) UTILIZING THE APPROPRIATE TYPE PER SPECIFICATIONS. COLOR TO BE SELECTED BY ARCHITECT.
AA. APPLY SEALANT AT ALL COUNTERTOPS AND BLACKSPLASHES AT JUNCTURE WITH WALL.
BB. ALL DOORS MUST BE INSTALLED WITH AT LEAST THE MINIMUM MANEUVERING CLEARANCE AT THE DOOR APPROACH PER THE MOST CURRENT AMERICANS WITH DISABILITIES ACT.
CC. BASE FLOOR ELEVATION INDICATED FOR THIS PROJECT IS 0'-0", REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

PLAN NOTES

1 ALIGN FINISH FACES AS INDICATED
2 ADA WATER COOLER AND/OR BOTTLE FILLER - SEE PLUMBING DRAWINGS
3 OPERABLE PARTITION. SEE A900S EQUIPMENT PLANS
4 MOTOR OPERATED OVERHEAD COILING DOOR - SEE A500 SERIES DOOR AND FRAME SCHEDULES, ELEVATIONS AND DETAILS
5 PLUMBING FIXTURE - SEE PLUMBING DRAWINGS
6 MILLWORK RECEPTION / CIRCULATION / HELP DESK. SEE 600 SERIES
7 INFILL OPENING TO MATCH EXISTING WALL CONSTRUCTION
8 TOOTH-IN NEW MASONRY WHERE DOOR WAS REMOVED, PAINT WALL
9 NOT USED.
10 LOCKERS ON CAST IN PLACE CONCRETE BENCH
11 EXPANSION JOINT AT THIS LOCATION AS INDICATED
12 EXISTING LOCKERS TO BE RELOCATED IN THEIR RESPECTIVE GROUPINGS. INFORM ARCHITECT IF NEW LAYOUT DOES NOT WORK WITH EXISTING LOCKER GROUPS
13 NEW DISPLAY CASE AT THIS LOCATION
14 NEW 1-1/2" SOLID SURFACE COUNTER TOP ON EXISTING PARTIAL HEIGHT WALL, OVERHANG 1" ON ALL SIDES. TYPICAL.
15 PROVIDE NEW 1/2" SOLID SURFACE WINDOW STOOL AT EXISITNG WINDOW, OVERHANG 1" TYPICAL.
16 FILL IN ALL EXISTING GYPSUM WALL BOARD REVEALS IN THIS ROOM COMPLETE, SEE INTERIOR ELEVATIONS FOR MORE INFORMATION
17 PROVIDE COAT ROD AND SHELF IN CLOSET
18 WRAP EXISTING COLUMN TIGHT W/ WALL TYPE "W9" EXTEND WALL 8" ABOVE NEAREST ADJACENT CEILING
19 COORDINATE DEMO OF OPENING WITH EXISTING JOINT OF LIMESTONE ON EXTERIOR.
20 NEW DOOR LEAFS IN EXISTING FRAME. PATCH AND REPAIR EXISTING FRAME TO RECEIVE NEW SWING LEAFS. SEE DOOR SCHEDULE.
21 WHERE DOOR WAY HAS BEEN CUT INTO EXISTING WALL, OVER DEMO AND INSTALL BULL NOSED BLOCK OUTSIDE CORNERS.
22 PROVIDE BLOCKING BEHIND LOCKERS AS REQUIRED.
23 CONCRETE STOOP ON DRAINAGE FILL
24 CUSTOM DISPLAY CASE. CRL-BLUMCRAFT 1301-CM SERIES OR EQUAL. BY DIVISION 06.
25 NEW FLOOR HATCH. COORDINATE EXACT LOCATION WITH ALL OTHER TRADES. SEE DETAIL 4/A411. SEE SPECIFICATION 08 31 13
26 INFILL 3 5/8" STUD WALL WITH ONE LAYER OF GYP ABOVE BLOCK WALL AND CARRY TO DECK AT THIS LOCATION
27 WOOD SLAT WALL. ARMSTRONG WOOD GRILLE OR EQUAL.
28 INSTALL SECURITY GLAZING FILM ONTO EXISTING WINDOW AND DOOR GLAZING, ALL LITES IN THE DOOR, ON THE EXISTING WINDOWS PROVIDE GLAZING FILM ON ALL LITES THAT ARE 8'-0" AND BELOW TO FINISH FLOOR. SEE SPEC 08 87 00
29 PATCH, LEVEL, AND PREPARE FLOOR WHERE CMU WALL WAS WAS REMOVED



1 A220 ENLARGED FLOOR PLAN
SCALE: 1/4" = 1'-0"



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CSO
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DRAWING TITLE:
ENLARGED FLOOR PLAN

CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A220

PROJECT NUMBER
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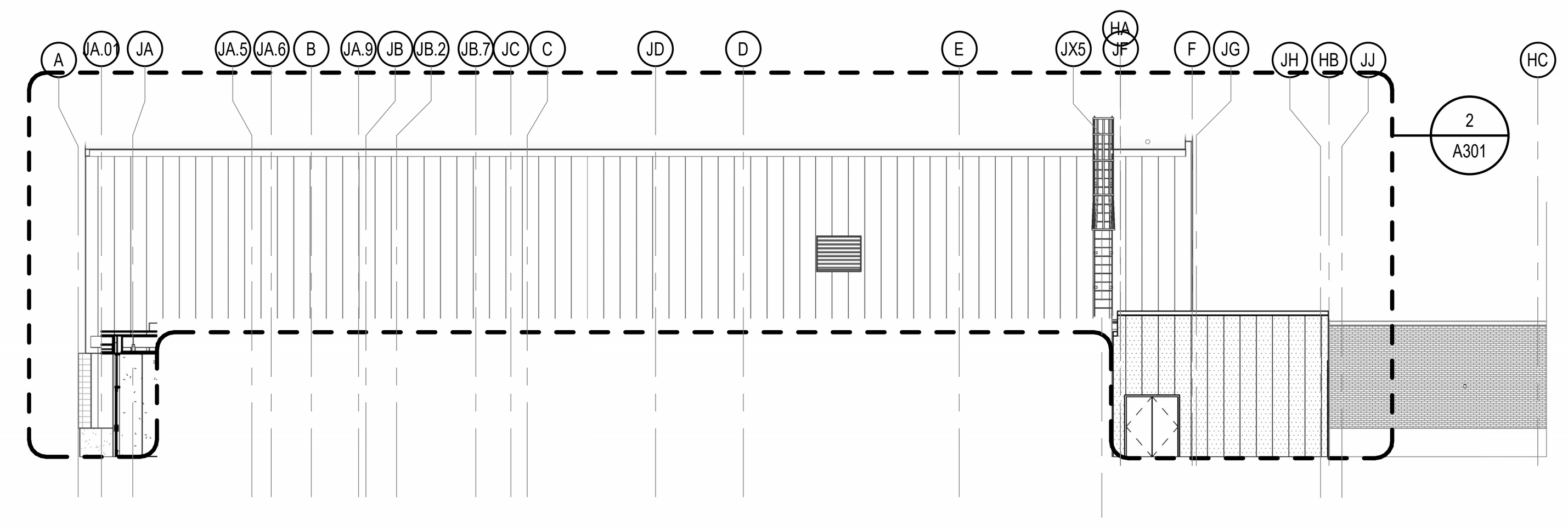
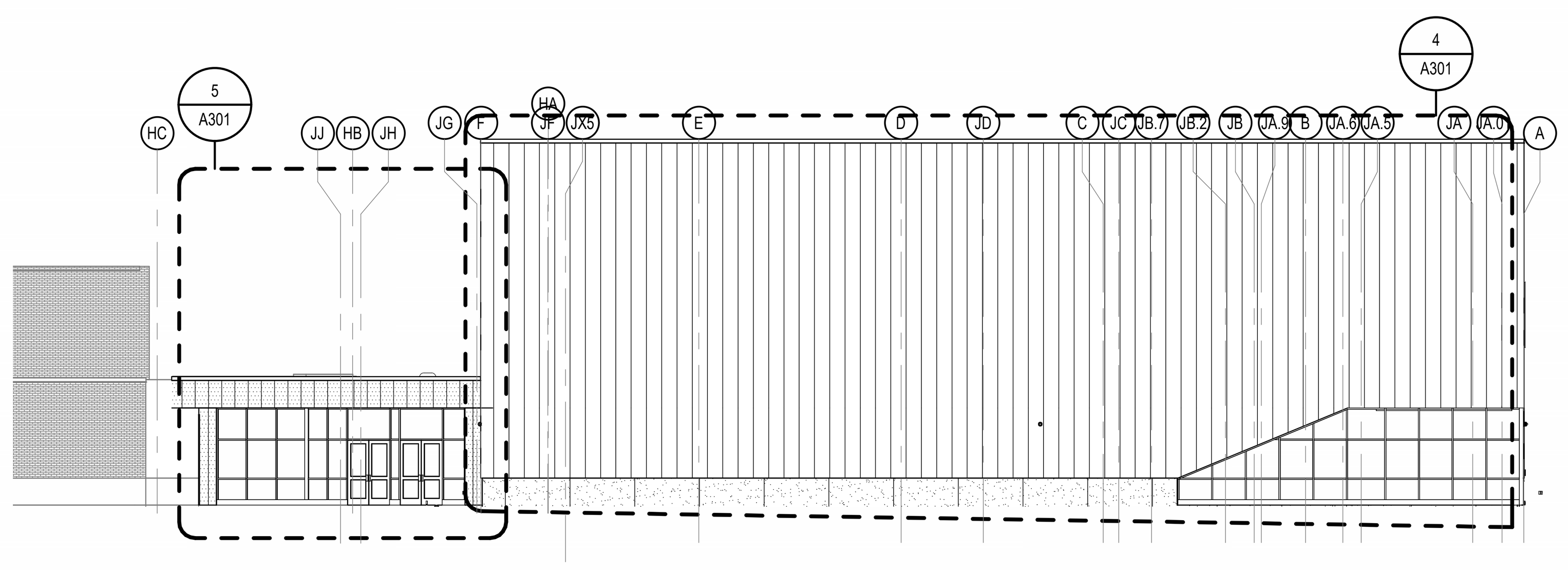
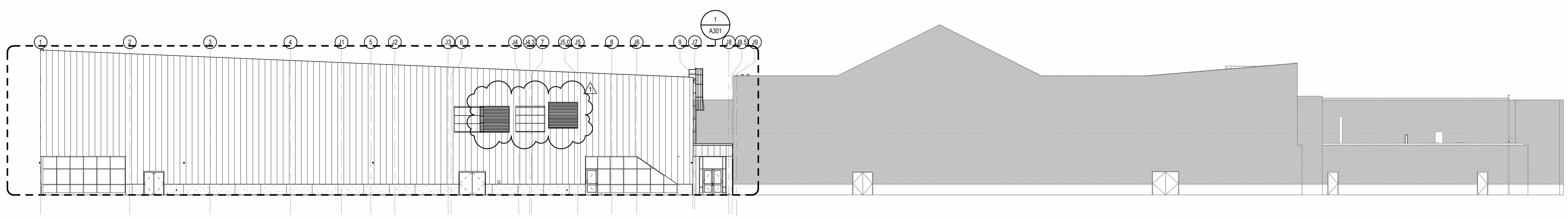


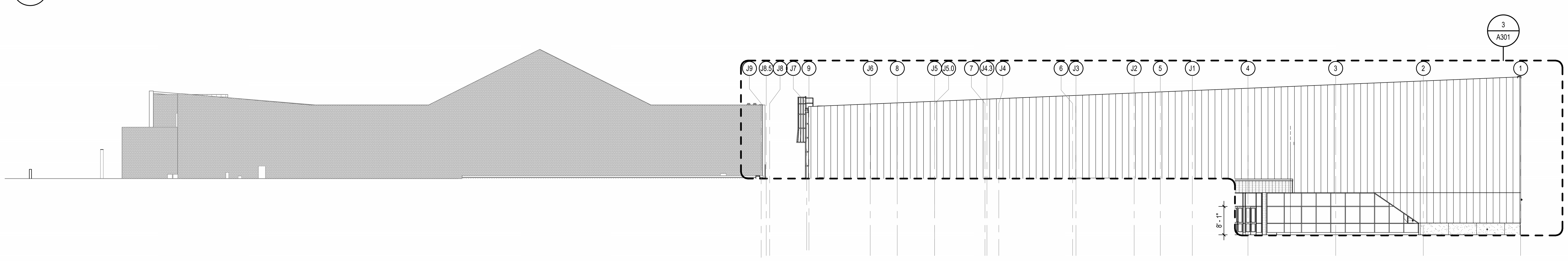
4
A300
NORTH EXTERIOR ELEVATION
SCALE: 1/16" = 1'-0"



3
A300
SOUTH EXTERIOR ELEVATION
SCALE: 1/16" = 1'-0"



2
A300
EAST EXTERIOR ELEVATION
SCALE: 1/16" = 1'-0"



1
A300
WEST EXTERIOR ELEVATION
SCALE: 1/16" = 1'-0"

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DRAWING TITLE:
OVERALL BUILDING ELEVATIONS

CERTIFIED BY:
JAMES ROBERT FUNK
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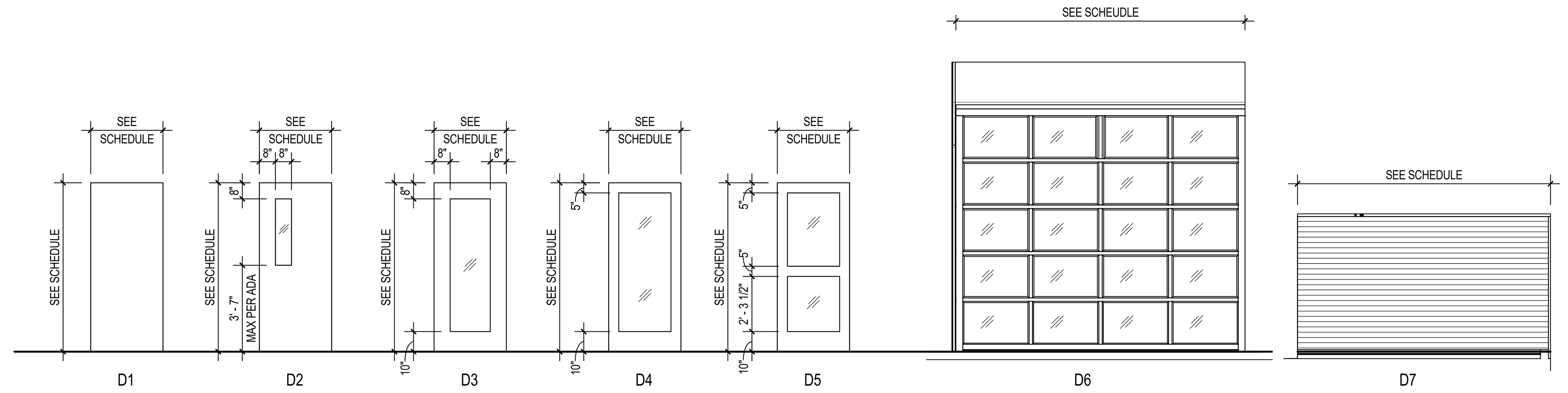
No.
AR00900003
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A300

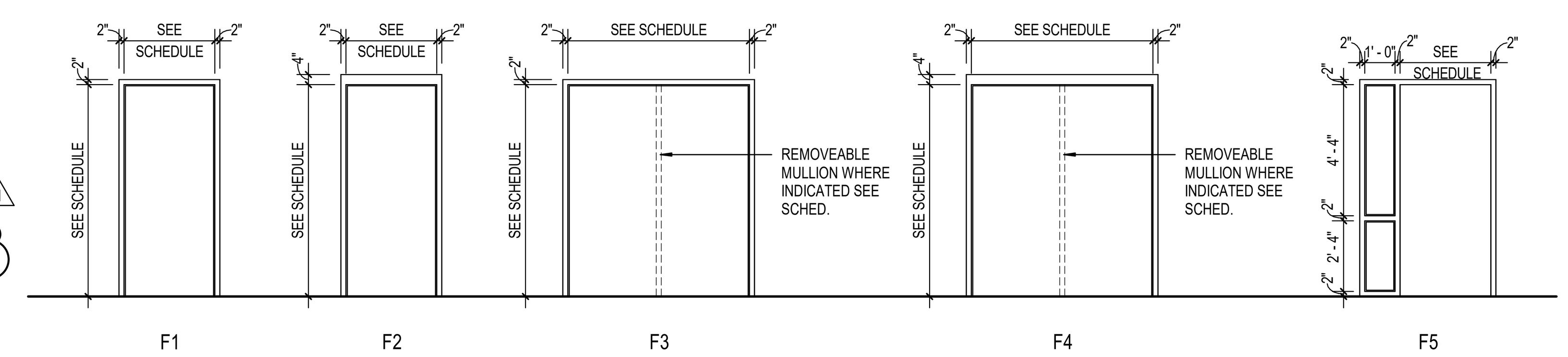
PROJECT NUMBER
2022016

DOOR AND FRAME SCHEDULE																	
DOOR								FRAME									
	SIZE											DETAIL					
MARK	WIDTH	HEIGHT	THICKNESS	MATERIAL	FINISH	ELEVATION	GLASS	MATERIAL	FINISH	ELEVATION	GLASS	HEAD	JAMB	SILL	UL RATING	STC RATING	REMARKS
UNIT A																	
202.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F2	-	H3	J3	-	-	-	-
202.2	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F1	-	H5	J5	-	-	-	-
202A.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D5	G2	AL	AN	F21	G2	H2	J2	-	-	-	-
202A.2	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D5	G2	AL	AN	F24	G2	H2	J2	-	-	-	-
204.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F2	-	H3	J3	-	-	-	-
204.2	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F1	-	H5	J5	-	-	-	-
204A.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D5	G2	AL	AN	F19 / F20	G2	H2	J2	-	-	-	-
204A.2	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D5	G2	AL	AN	F19 / F20	G2	H2	J2	-	-	-	-
206.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F2	-	H3	J3	-	-	-	-
206.2	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F1	-	H5	J5	-	-	-	-
208A	SGL 3' - 4"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H2	J2	-	-	-	-
301.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F2	-	H3	J3	-	-	-	-
301.2	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F1	-	H5	J5	-	-	-	-
303.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F2	-	H3	J3	-	-	-	-
303.2	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F1	-	H3	J3	-	-	-	-
303A.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D5	G2	AL	AN	F25	G2	H6	J6	-	-	-	-
303A.2	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D5	G2	AL	AN	F22/F23	G2	H2	J2	-	-	-	-
305.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F2	-	H3	J3	-	-	-	-
UNIT B																	
100.1	PAIR 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	EX	PT	F4	-	H4	J4	-	-	-	3
100.2	PAIR 3' - 0"	7' - 0"	1 3/4"	AL	AN	D5	G2	AL	AN	F6	G2	-	J9	-	-	-	1, 2
100A.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F2	-	-	-	-	-	-	1, 2
100J	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H8	J8	-	-	-	-
100K	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F2	-	H3	J3	-	-	-	-
100L.1	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F2	-	H3	J3	-	-	-	-
100L.2	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F2	-	H3	5/A431, 6/A431	-	-	-	-
100M	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D2	G2	HM	PT	F2	-	H7	J7	-	-	-	-
100N	SGL 3' - 0"	7' - 0"	1 3/4"	WD	ST	D1	-	HM	PT	F1	-	H7	J7	-	-	-	-
UNIT G																	
513.1	SGL 3' - 0"	7' - 0"	1 3/4"	HM	PT	D2	G2	HM	PT	F2	-	H3	J3	-	20 MIN	-	-
513.2	SGL 3' - 0"	7' - 0"	1 3/4"	HM	PT	D2	G2	EX	PT	F2	-	H3	J3	-	20 MIN	-	-
G2	PAIR 4' - 0"	8' - 2"	1 3/4"	HM	PT	D2	G2	HM	PT	F3	-	H1	J1	-	20 MIN	-	-
G6	PAIR 4' - 0"	8' - 2"	1 3/4"	HM	PT	D2	G2	HM	PT	F3	-	H3	J3	-	20 MIN	-	-
G28	SGL 4' - 0"	7' - 0"	1 3/4"	HM	PT	D2	G2	HM	PT	F2	-	H3	J3	-	20 MIN	-	-
G31	SGL 3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	EX	PT	EX	-	-	-	-	20 MIN	-	4
G33.1	SGL 3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	EX	PT	EX	-	-	-	-	20 MIN	-	4
G39	SGL 3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	EX	PT	EX	-	-	-	-	20 MIN	-	4
G42	PAIR 3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	EX	PT	EX	-	-	-	-	20 MIN	-	4
G45	SGL 3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	EX	PT	EX	-	-	-	-	20 MIN	-	4
G50	SGL 3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	EX	PT	EX	-	-	-	-	20 MIN	-	4
G54	SGL 3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	EX	PT	EX	-	-	-	-	20 MIN	-	4
UNIT H																	
H10B		5' - 10"															
H10C		5' - 10"															
H10D		5' - 10"															
UNIT J																	
7.1	PAIR 3' - 0"	8' - 0"	2 1/4"	AL	AN	D5	G1	AL	AN	F9	G1	3/A400	3/A430	-	-	-	-
7.2	PAIR 3' - 0"	8' - 0"	2 1/4"	AL	AN	D5	G1	AL	AN	F9	G1	3/A400	4/A430	-	-	-	-
7.3	PAIR 3' - 0"	8' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F7	G1	H2	-	-	-	-	-
7.4	PAIR 3' - 0"	8' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F7	G1	-	-	-	-	-	-
9A	PAIR 4' - 0"	7' - 10"	1 3/4"	AL	AN	D5	G2	AL	AN	F3	-	H3	J3	-	-	-	-
9B	PAIR 4' - 0"	7' - 10"	1 3/4"	AL	AN	D5	G2	AL	AN	F3	-	H3	J3	-	-	-	-
9C-1	PAIR 3' - 6"	8' - 10"	1 3/4"	AL	AN	D5	G1	AL	AN	F-	G1	H3	J3	-	-	-	-
9C-2	PAIR 3' - 6"	8' - 10"	1 3/4"	AL	AN	D5	G1	AL	AN	F-	G1	H3	J3	-	-	-	-
11	PAIR 3' - 0"	7' - 0"	1 3/4"	GHM	PT	D1	-	GHM	PT	F2	-	8/A410	4/A432	9/A410	-	-	-
12.1	PAIR 3' - 0"	8' - 0"	2 1/4"	AL	AN	D5	G1	AL	AN	F7	G1	4/A410	7/A432, 7/A430	-	-	-	-
12.2	PAIR 3' - 0"	8' - 0"	1 3/4"	AL	AN	D5	G1	AL	AN	F7	G1	H3	J3	-	-	-	-
704	OCD 10' - 0"	9' - 4"	1 1/2"	GHM	PC	D7	-	GHM	PC	-	-	5/A410	6/A432				
900	PAIR 4' - 0"	8' - 0"	1 3/4"	AL	AN	D5	G2	AL	AN	F12	G2	5/A402	4/A430	-	-	-	-
900.2	SGL 3' - 7"	8' - 0"	2 1/4"	AL	AN	D-	G1	AL	AN	F10	G1	10/A411	3/A433	-	-	-	-
900.3	OSD 12' - 0"	10' - 0"	2"	AL	AN	D6	G2	AL	AN		-		J10 SIM				6
900.4	OSD 12' - 0"	10' - 0"	2"	AL	AN	D6	G2	AL	AN		-		J10 SIM				6
900.5	SGL 3' - 0"	7' - 0"	1 3/4"	HM	PT	D2	G2	HM	PT	F2	-	H3	J3	-	-	-	-
900B	SGL 3' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F2	-	H1	J1	-	-	-	-
900C.1	PAIR 4' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F4	-	H3	J3	-	-	-	-
900C.2	PAIR 4' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F4	-	H3	J3	-	-	-	-
900D	SGL 3' - 4"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F2	-	H3	J3	-	-	-	-
901.1	PAIR 3' - 0"	7' - 0"	1 3/4"	HM	PT	D2	G2	HM	PT	F4	-	H3	J3	-	-	-	-
901.2	PAIR 3' - 0"	7' - 0"	1 3/4"	HM	PT	D2	G2	HM	PT	F4	-	H3	J3	-	-	-	-
901.3	PAIR 3' - 0"	7' - 0"	1 3/4"	GHM	PT	D1	-	GHM	PT	F4	-	8/A411	3/A430	-	-	-	-
901.4	PAIR 4' - 0"	7' - 0"	1 3/4"	GHM	PT	D1	-	GHM	PT	F4	-	-	-	-	-	-	-
901A.1	PAIR 4' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F4	-	H3	J3	-	-	-	-
901A.2	OCD 16' - 0"	7' - 4"	2"	SS	SS	D7	-	SS	SS	-	-	1/A411	J10				5
901A.3	PAIR 4' - 0"	7' - 0"	1 3/4"	HM	PT	D1	-	HM	PT	F4	-	H3	J3	-	-	-	-



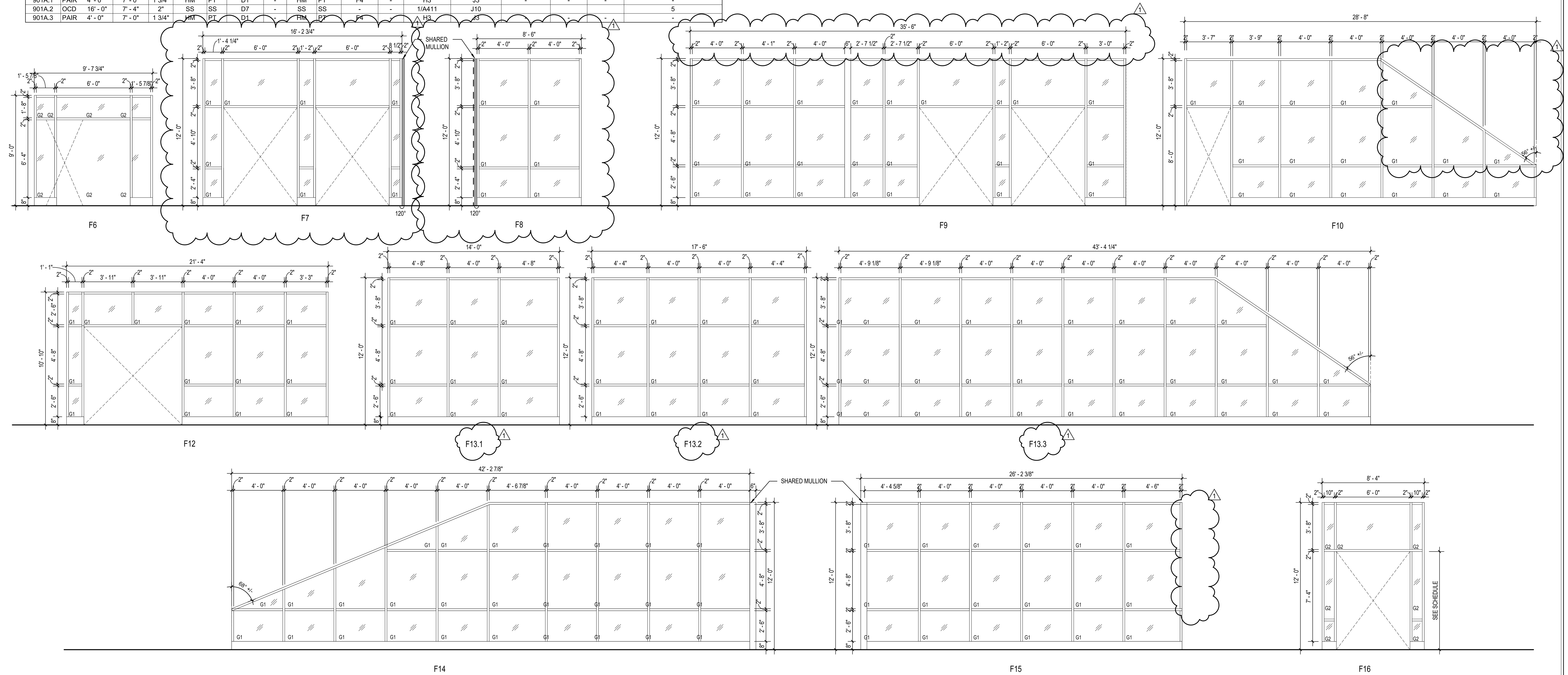
DOOR ELEVATIONS

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



FRAME ELEVATIONS

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



GLASS SCHEDULE

G1 1-1/16" THICK LAMINATED, LOW E, INSULATING GLAZING WITH 2 PANES 1/4" GLASS AND 1/2" AIRSPACE.
G2 5/16" LAMINATED CLEAR GLASS.

ABBREVIATIONS LEGEND

AL = ALUMINUM
AN = ANODIZED
BL = BORROWED LITE
GHM = GALVANNEALED HOLLOW METAL
GL = GLASS
HM = HOLLOW METAL
PT = PAINT
ST = STAIN
SS = STAINLESS STEEL
PC = POWDER COAT
STL = STEEL
WD = WOOD
90M = 90 MINUTE ASSEMBLY RATING
* = SEE REMARKS COLUMN FOR NOTES
OSD = OVERHEAD SECTIONAL DOOR
OCD = OVERHEAD COILING DOOR

GENERAL DOOR NOTES

A. THESE GENERAL NOTES APPLY TO THE DOOR SCHEDULE.
B. DOOR AND FRAME NUMBERS CORRESPOND TO RESPECTIVE ROOM NUMBER. IN ROOMS WITH MULTIPLE OPENINGS, A NUMERICAL SUFFIX HAS BEEN ADDED TO DOOR NUMBERS.
C. VERTICAL FRAMING MEMBERS AT ALL DOOR FRAMES SHALL EXTEND TO STRUCTURE ABOVE.
D. UNDERCUT ALL DOORS AS REQUIRED BY FINAL FINISH.
E. PROVIDE CONTINUOUS SEALANT BETWEEN HOLLOW METAL FRAME PERIMETERS AND SURROUNDING WALL CONSTRUCTION.
F. PROVIDE CONTINUOUS SEALANT BETWEEN INTERIOR AND EXTERIOR WINDOW, CURTAINWALL AND STOREFRONT FRAME PERIMETERS AND SURROUNDING CONSTRUCTION UNLESS NOTED OTHERWISE.
G. GROUT FULL HOLLOW METAL FRAMES IN MASONRY CONSTRUCTION.
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K. INSTALL DOOR GLASS USING WET GLAZING METHOD.
L. ALL LINTELS ABOVE EXTERIOR OPENINGS SHALL BE GALVANIZED.
M. REFER TO SHEETS AXXX & AXXX FOR ADDITIONAL DOOR, FRAME AND BORROWED LITE ELEVATIONS.
N. COORDINATE THROAT OPENINGS WITH WALL WIDTH FOR ALL WRAP AROUND FRAMES.
O. SCHEDULED HARDWARE FOR ALUMINUM DOORS SHALL BE PROVIDED BY HARDWARE SUPPLIER AND INSTALLED BY ALUMINUM SUPPLIER. ALUMINUM DOORS TO BE PREPARED BY ALUMINUM DOOR SUPPLIER IN ACCORDANCE WITH THE SCHEDULED HARDWARE.
P. ALL NEW HOLLOW METAL DOORS, FRAMES AND BORROWED LITE FRAMES TO BE PAINTED AS INDICATED ON THE A800 SERIES FINISH PLANS. SEE FINISH PLANS FOR WOOD DOOR FINISHES.
Q. PROVIDE SILENCERS ON ALL DOOR FRAMES.
R. SEE STRUCTURAL DRAWINGS FOR REQUIREMENTS FOR MASONRY AND STEEL LINTELS. PROVIDE STRUCTURAL STEEL LINTELS AT OPENINGS OPENINGS WHERE INDICATED ON THE STRUCTURAL STEEL DRAWINGS IN LIEU OF MASONRY LINTEL AS SHOWN IN THESE DETAILS.
S. VERIFY ALL EXISTING CONDITIONS AND DIMENSIONS IN THE FIELD PRIOR TO FABRICATION OF DOORS AND FRAMES. BRING DISCREPANCIES TO THE ATTENTION OF THE ARCHITECT.

KEYED REMARKS

1. WIRED ACCESS CONTROL
2. KEY CARD ACCESS CONTROL
3. NEW WOOD DOOR LEAF'S INSTALLED IN EXISTING DOOR FRAME. PATCH, REPAIR EXISTING HINGE LOCATIONS AS REQUIRED TO BE AS INCONSPICUOUS. PREP FRAME FOR NEW DOOR SWING.
4. NEW DOOR LEAF IN EXISTING DOOR FRAME, PAINT EXISTING FRAME.
5. MANUAL PUSH UP COILING COUNTER DOOR, WITH CHAIN LIFT BACK UP. OVERSIZED COUNTER DOOR.
6. GLAZED ALUMINUM OVERHEAD SECTIONAL DOOR, MOTORIZED, VERTICAL LIFT.

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

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REVISIONS:
1 ADDENDUM #1 02-15-24

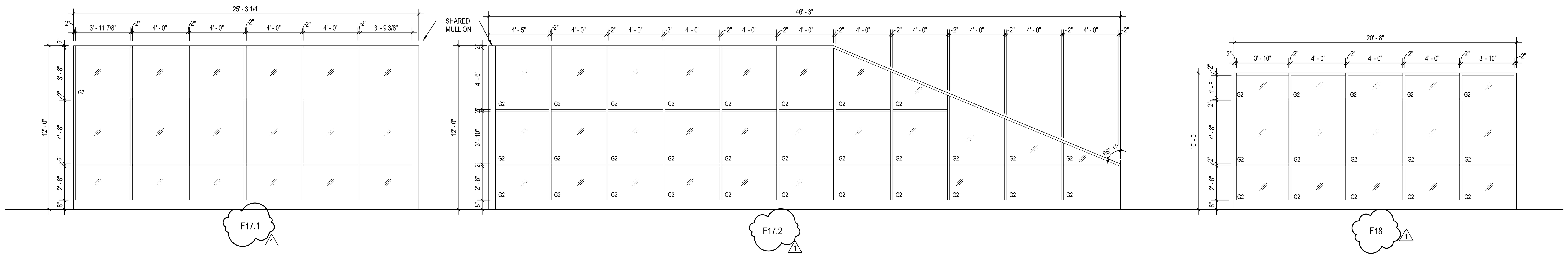
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

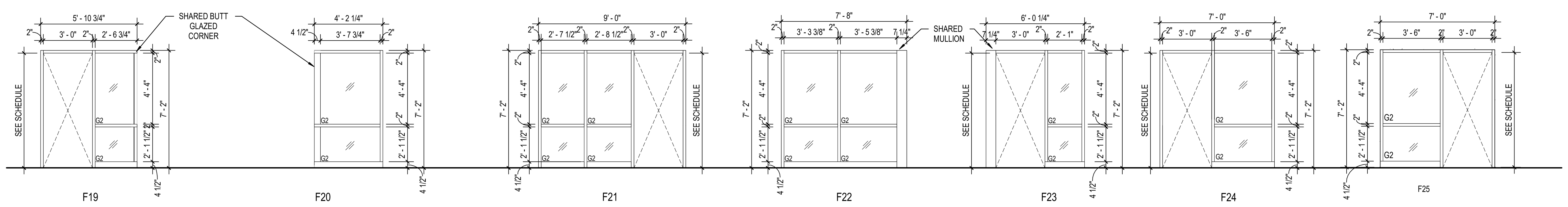
DRAWING TITLE:
DOOR AND FRAME SCHEDULE

CERTIFIED BY:
JAMES ROBERT FUNK REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A501

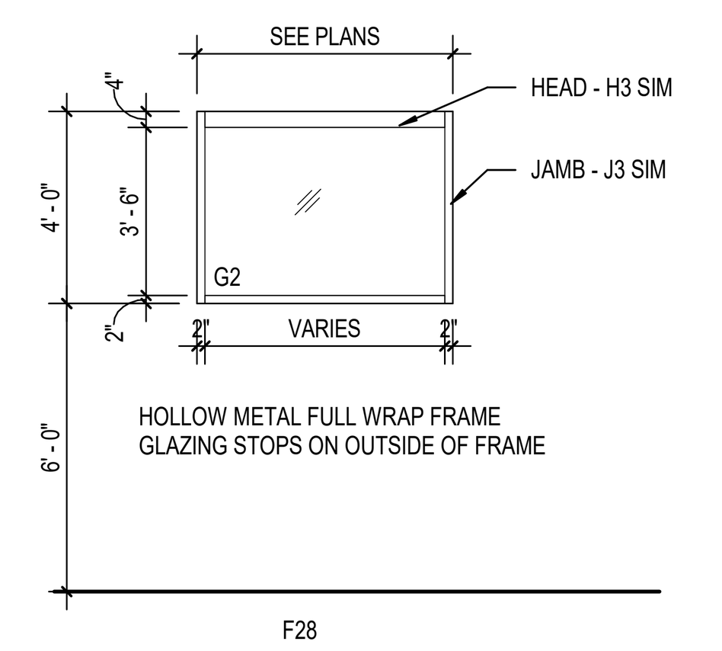
PROJECT NUMBER
2022016





FRAME ELEVATIONS

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



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REVISIONS:

1	ADDENDUM #1	02-15-24

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

DRAWING TITLE:
FRAME ELEVATIONS

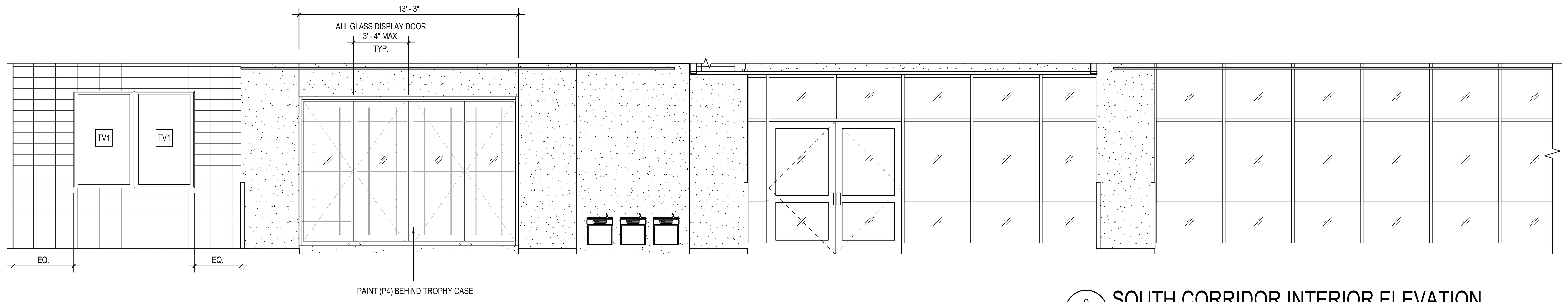
CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A502

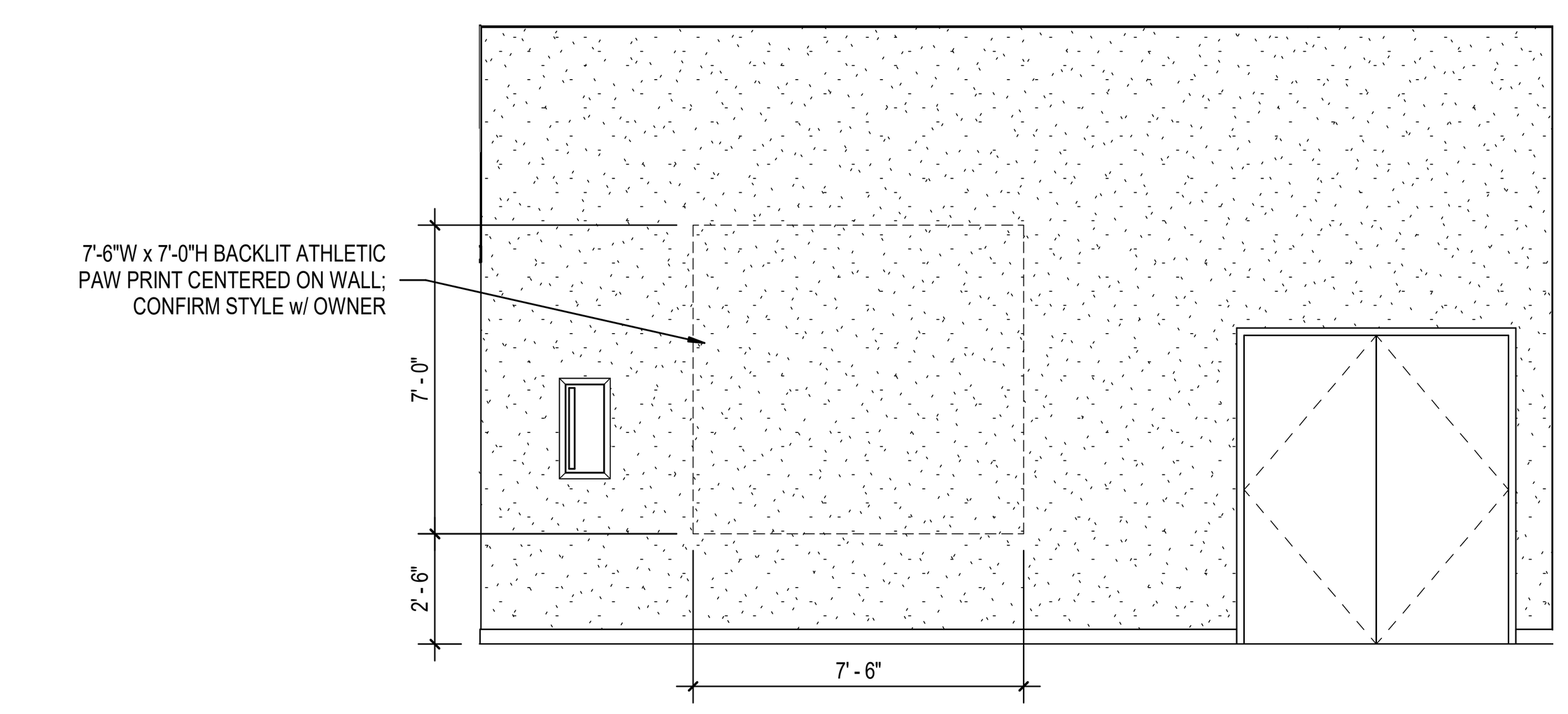
PROJECT NUMBER
2022016

ELEVATION NOTES

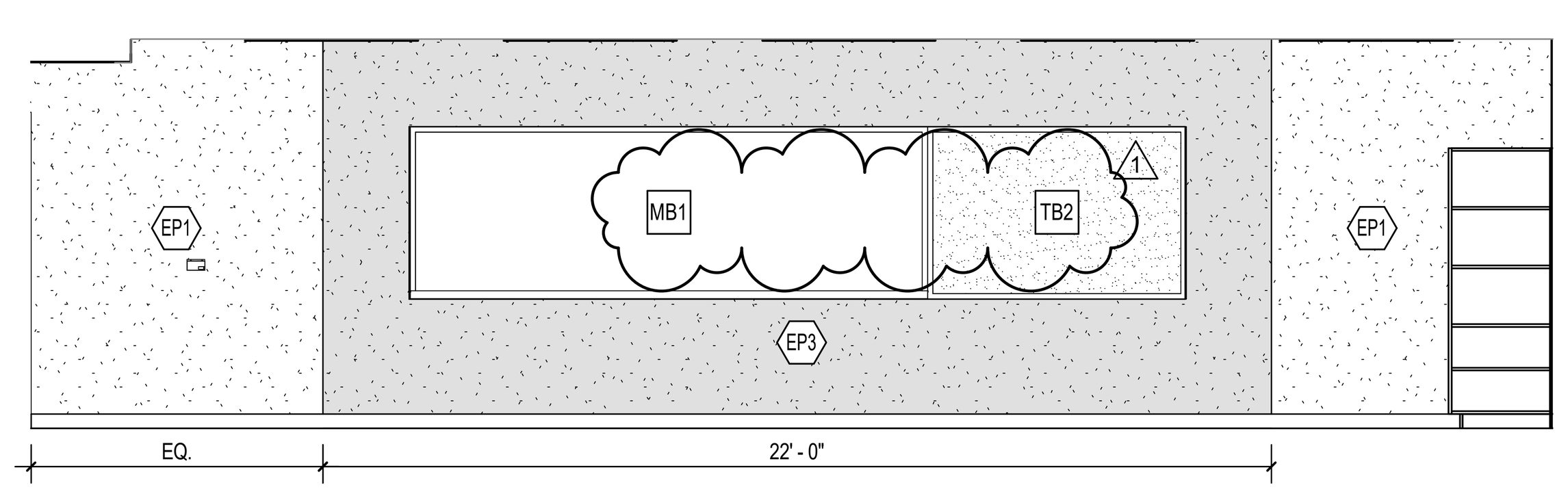
1 VERTICAL FLUTED WALL SYSTEM, WITH HIDDEN FASTENERS, BY PEMB MANUFACTURER.
2 2" X 6" ALUMINUM STOREFRONT ASSEMBLY W/ 1" INSULATED GLAZING (SPEC)
3 LIME STONE PANEL
4 WIDE STYLE ALUMINUM ENTRY DOOR
5 OVERHEAD COILING DOOR - SEE SCHEDULE
6 MANUFACTURED ALUMINUM GUTTER, 8"x8"
7 MANUFACTURED ALUMINUM DOWNSPOUT, 3.75"x4.75"
8 PREFINISHED METAL COPING SYSTEM
9 THROUGH WALL LOUVER, COORDINATE SIZE / LOCATION WITH MECHANICAL DWGS.
10 LIME STONE PANEL W/ REVELS, SEE SECTION DETAIL, TO MATCH EXISTING ADJACENT
12 INFILL EXISTING GYPSUM WALL BOARD REVELS TO BE SMOOTH AND FLUSH WITH SURROUNDING WALL SURFACE, PAINT.
13 CONCLEAD FASTENER PROFILE METAL WALL AND SOFFIT PANELS, SEE 07 42 13
14 BUILDING EXPANSION JOINT AND COVER
15 ROOF ACCESS LADDER AND WALK THROUGH
16 LOCATION OF WALL MOUNTED LIGHTED SIGNAGE
17 SOLID TOP DOUBLE BULLNOSE BLOCK ON PARTIAL HEIGHT WALL
18 HATCHED AREAS TO RECEIVE SECURITY WINDOW FILM.



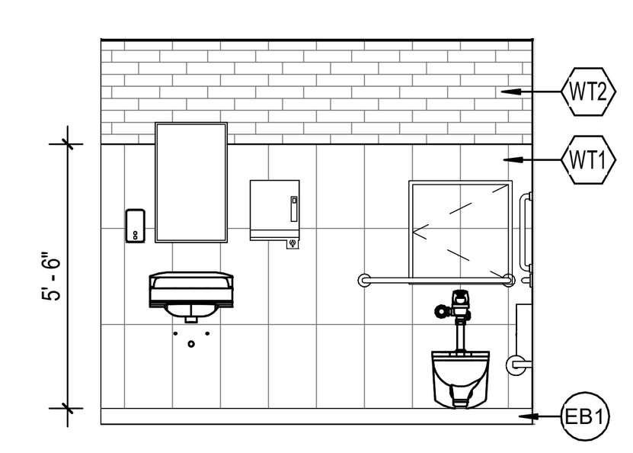
9 A602 SOUTH CORRIDOR INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



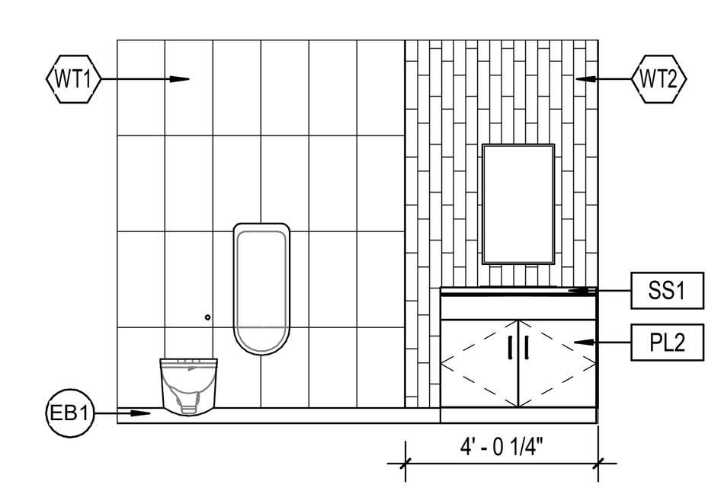
8 A602 NORTH CORRIDOR ELEVATION
SCALE: 1/4" = 1'-0"



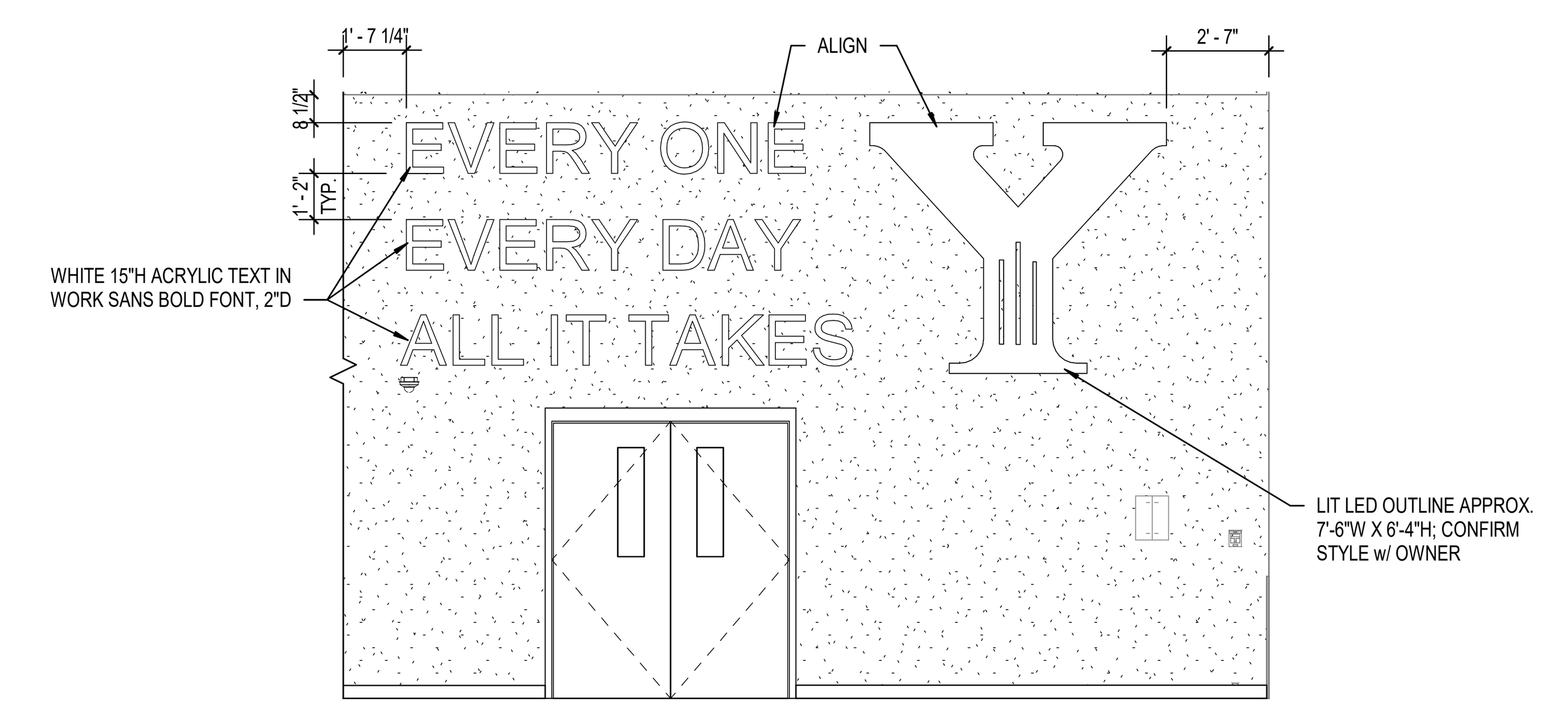
7 A602 CLASSROOM 513 INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



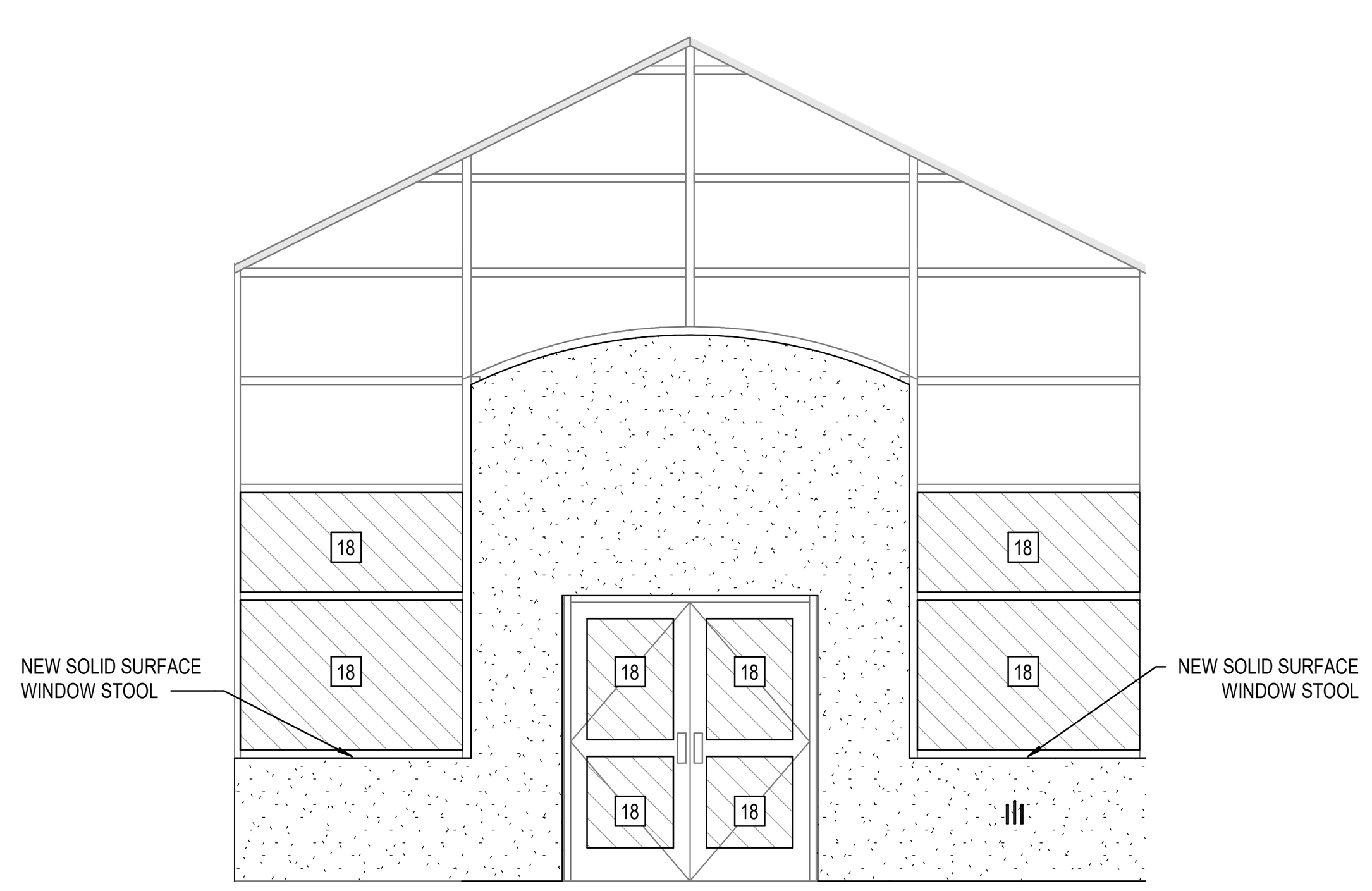
6 A602 TOILET 100J INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



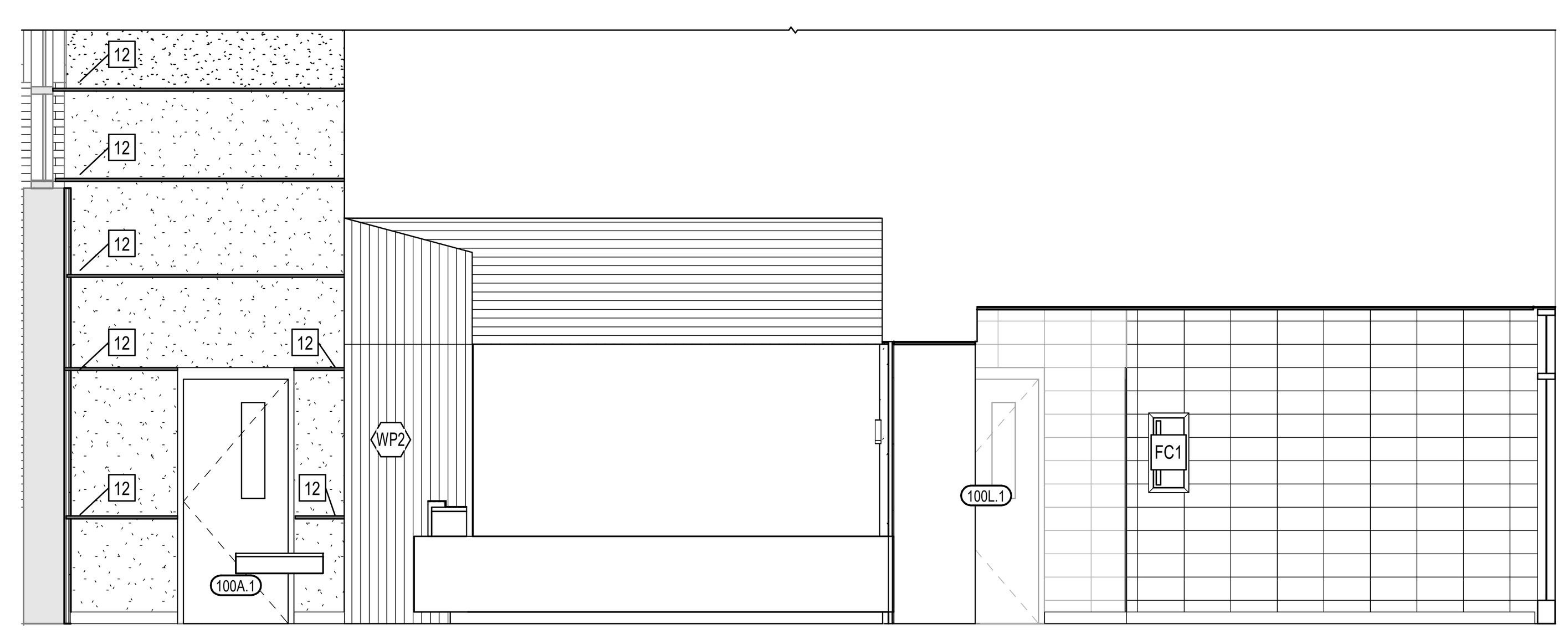
5 A602 TOILET 100F INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



4 A602 SOUTH RECEPTION INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



3 A602 WEST RECEPTION INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



2 A602 NORTH RECEPTION INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

1 A602 NOT USED
SCALE: 1/4" = 1'-0"

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1	ADDENDUM #1	02-15-24

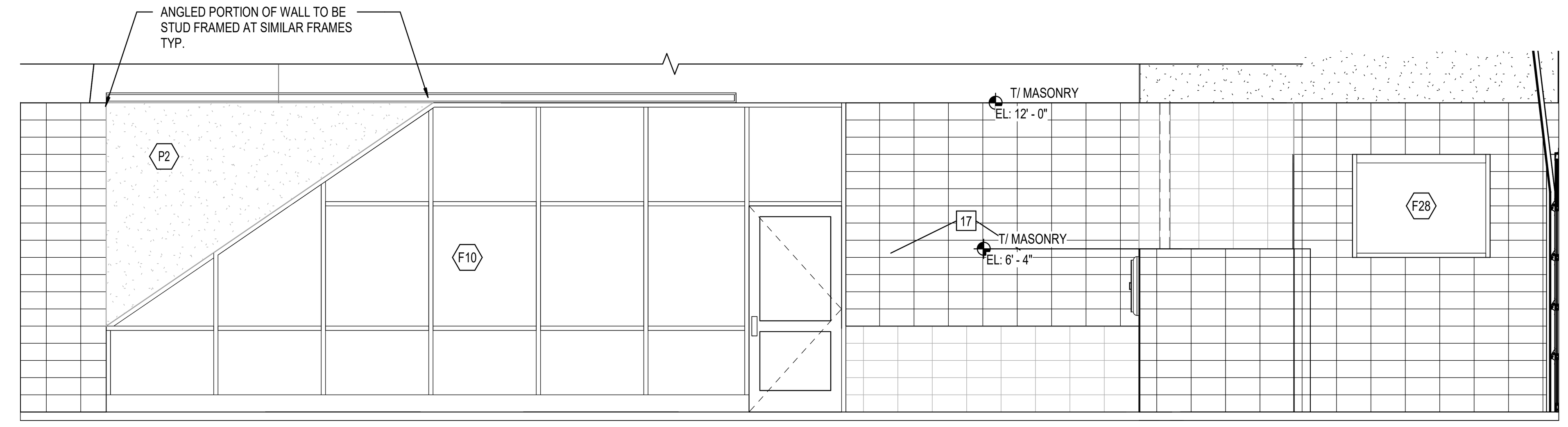
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
INTERIOR ELEVATIONS

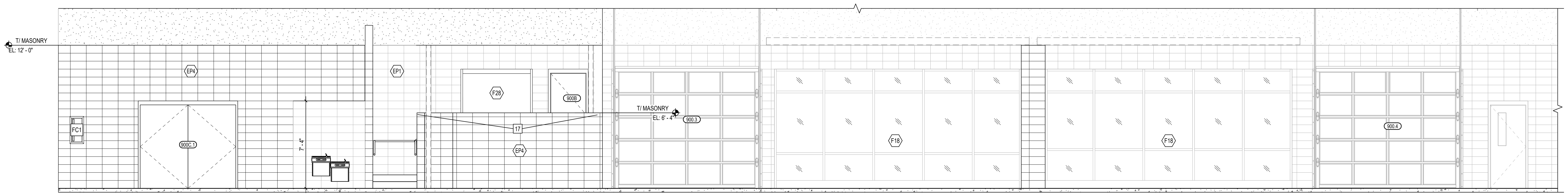
CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No.
AR00900003
STATE OF
INDIANA
ARCHITECT

DRAWING NUMBER
A602

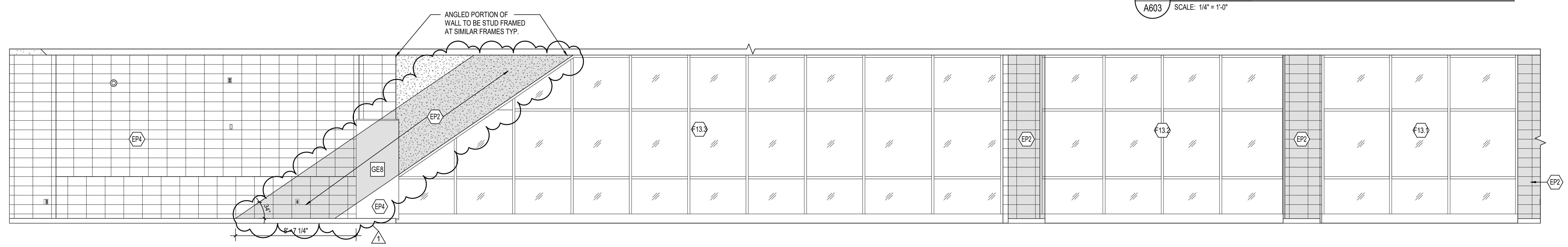
PROJECT NUMBER
2022016



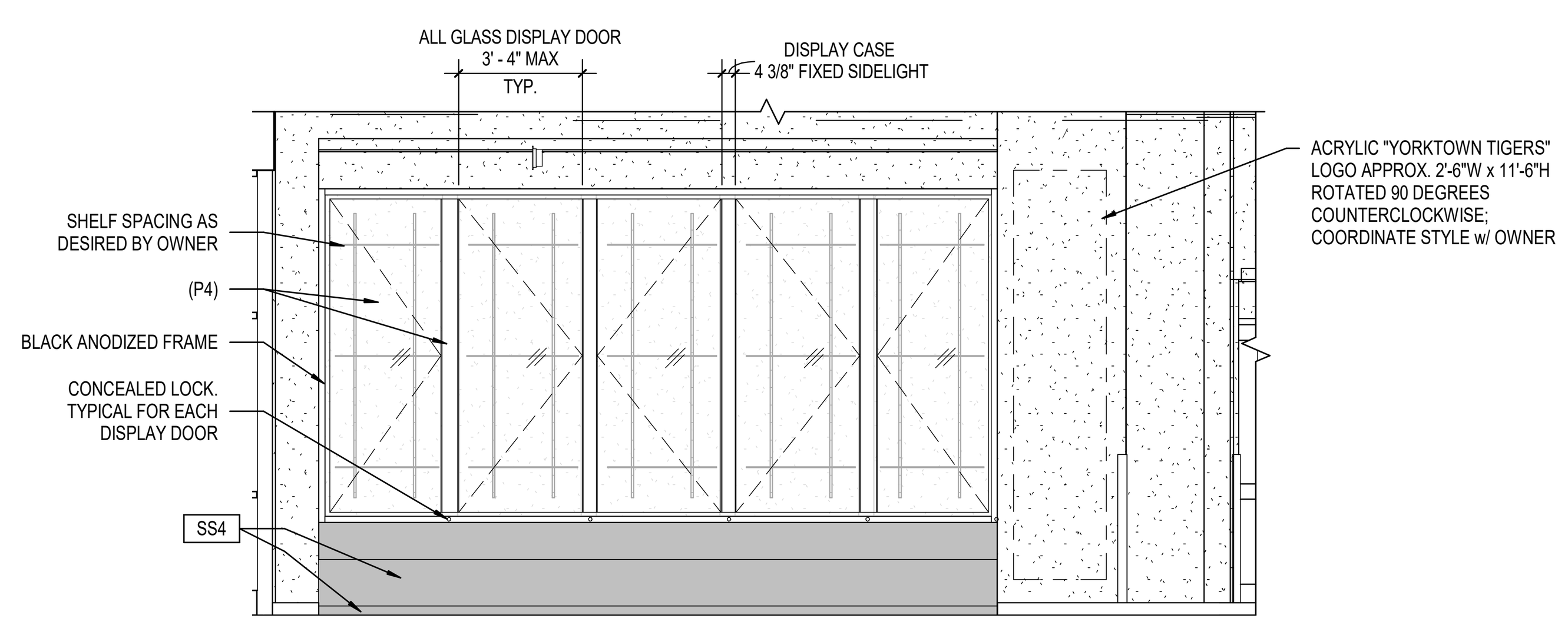
7 A603 WEIGHT ROOM - EAST ELEVATION
SCALE: 1/4" = 1'-0"



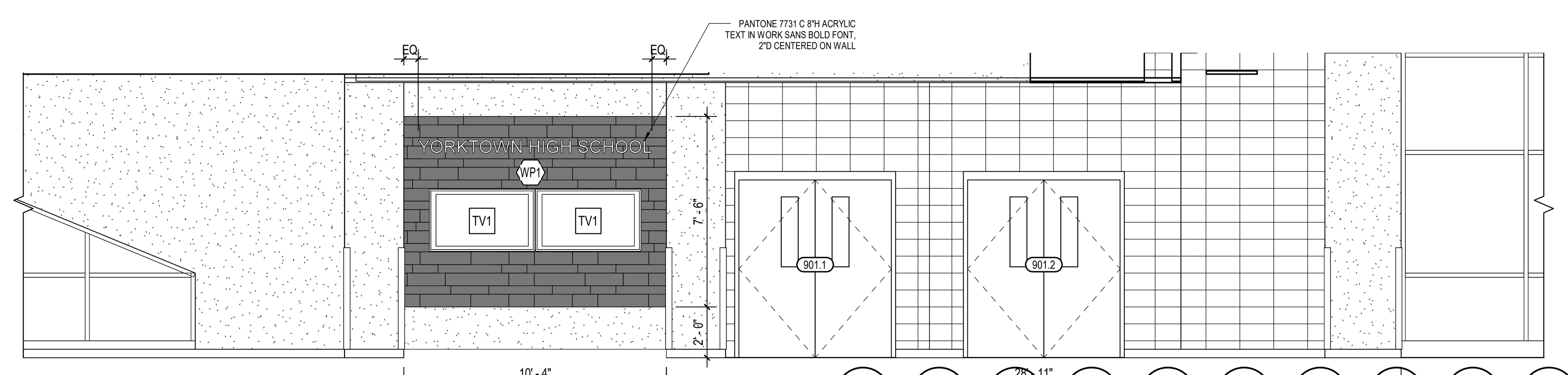
6 A603 WEIGHT ROOM - SOUTH ELEVATION
SCALE: 1/4" = 1'-0"



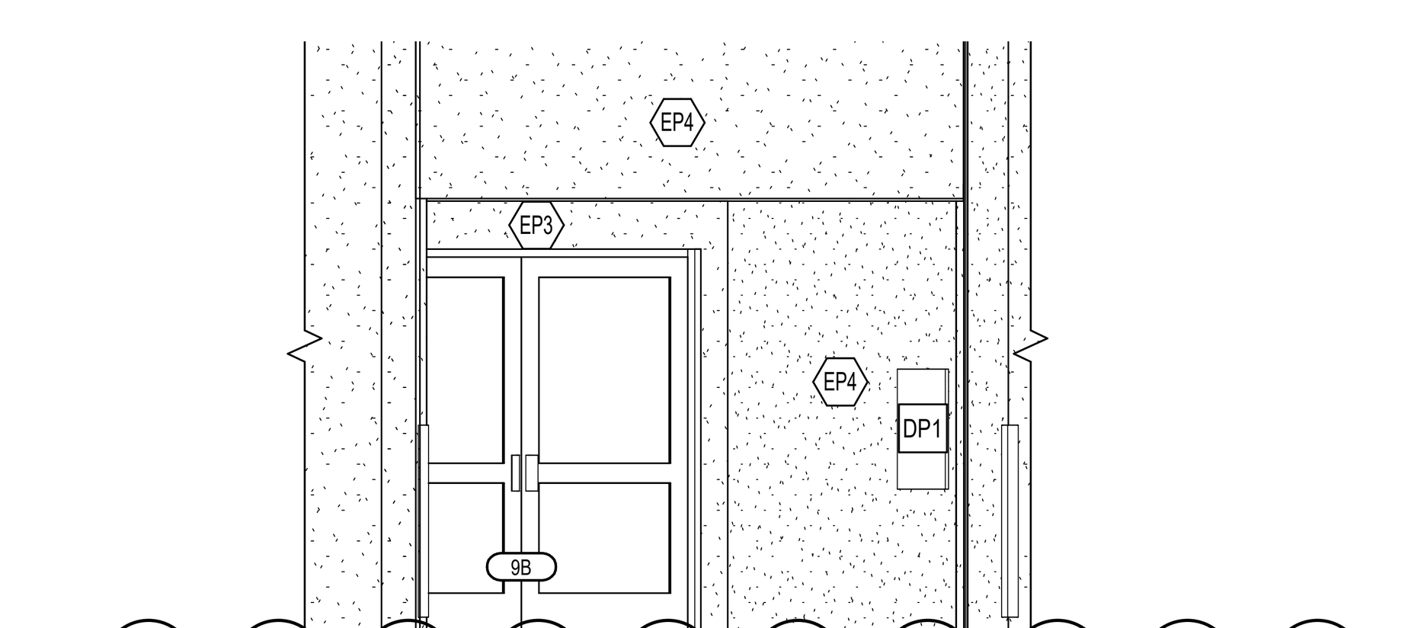
5 A603 FIELDHOUSE INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



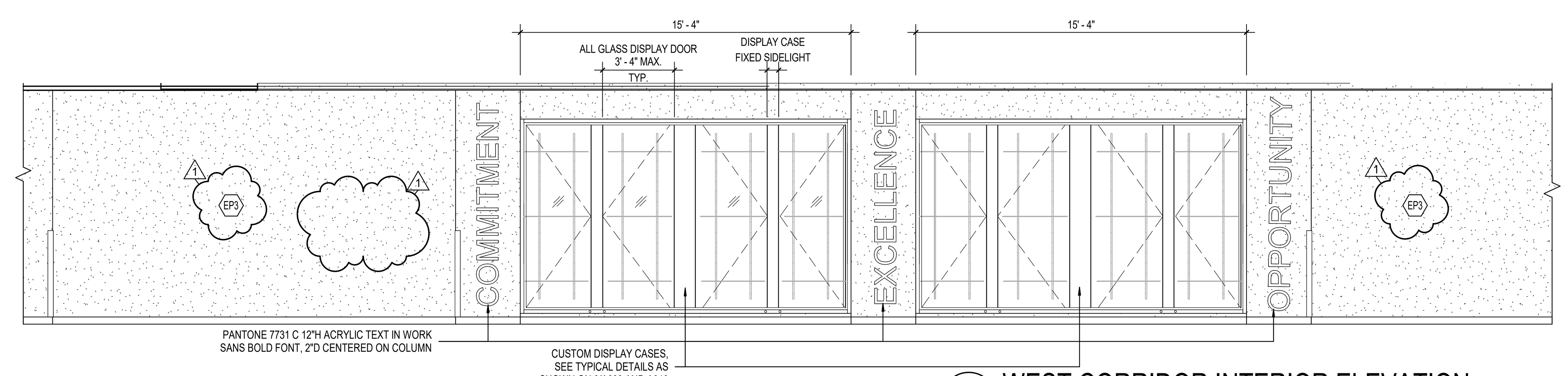
4 A603 DISPLAY CASE ELEVATION
SCALE: 1/4" = 1'-0"



3 A603 EAST CORRIDOR INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



2 A603 WEST CORRIDOR INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"



1 A603 WEST CORRIDOR INTERIOR ELEVATION
SCALE: 1/4" = 1'-0"

ELEVATION NOTES

1 VERTICAL FLUTED WALL SYSTEM, WITH HIDDEN FASTENERS, BY PEMB MANUFACTURER.
2 2" X 6" ALUMINUM STOREFRONT ASSEMBLY W/ 1" INSULATED GLAZING (SPEC)
3 LIME STONE PANEL
4 WIDE STYLE ALUMINUM ENTRY DOOR
5 OVERHEAD COILING DOOR - SEE SCHEDULE
6 MANUFACTURED ALUMINUM GUTTER, 8"x8"
7 MANUFACTURED ALUMINUM DOWNSPOUT, 3.75"x4.75"
8 PREFINISHED METAL COPING SYSTEM
9 THROUGH WALL LOUVER, COORDINATE SIZE / LOCATION WITH MECHANICAL DWGS.
10 LIME STONE PANEL W/ REVELS, SEE SECTION DETAIL, TO MATCH EXISTING ADJACENT
12 INFILL EXISTING GYPSUM WALL BOARD REVELS TO BE SMOOTH AND FLUSH WITH SURROUNDING WALL SURFACE, PAINT.
13 CONCLEAD FASTENER PROFILE METAL WALL AND SOFFIT PANELS, SEE 07 42 13
14 BUILDING EXPANSION JOINT AND COVER
15 ROOF ACCESS LADDER AND WALK THROUGH
16 LOCATION OF WALL MOUNTED LIGHTED SIGNAGE
17 SOLID TOP DOUBLE BULLNOSE BLOCK ON PARTIAL HEIGHT WALL
18 HATCHED AREAS TO RECEIVE SECURITY WINDOW FILM.

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

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:
1 ADDENDUM #1 02-15-24

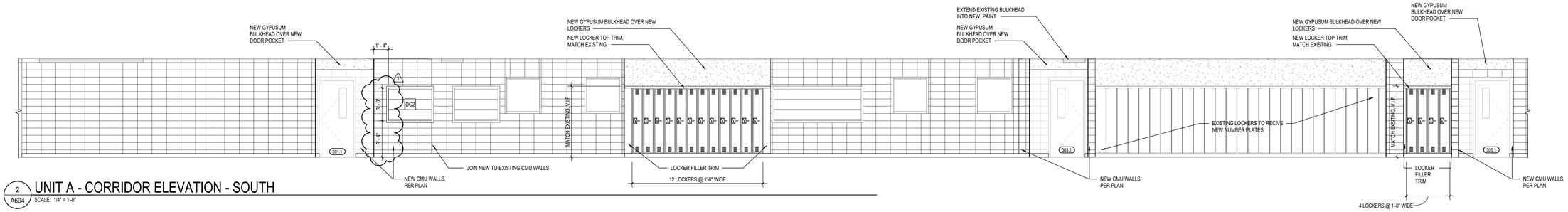
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
INTERIOR ELEVATIONS

CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

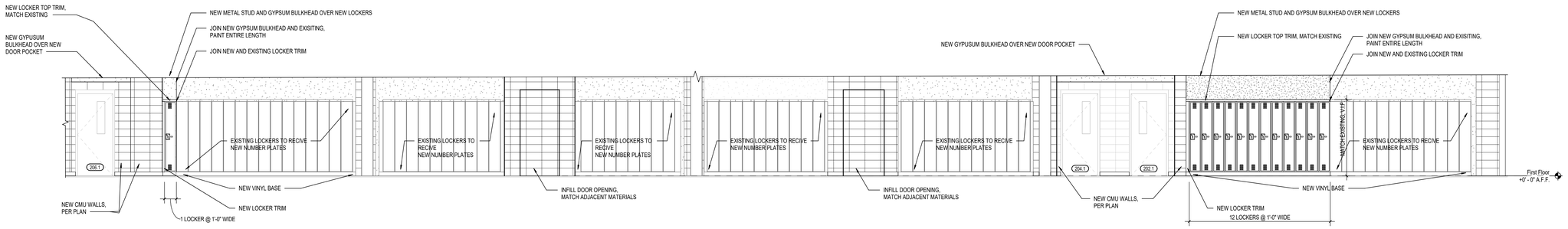
DRAWING NUMBER
A603

PROJECT NUMBER
2022016



2 A604 UNIT A - CORRIDOR ELEVATION - SOUTH

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



1 A604 UNIT A - CORRIDOR ELEVATION - NORTH

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

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PROJECT:

YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS

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1	ADDENDUM #1	02-15-24

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

DRAWING TITLE:

INTERIOR ELEVATIONS

CERTIFIED BY:

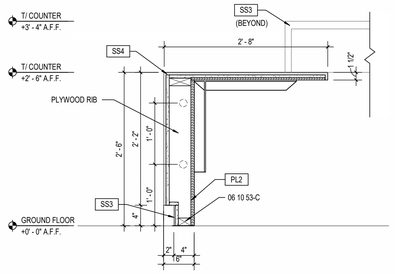
JAMES ROBERT FUNK
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER

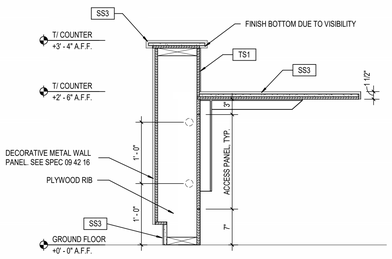
A604

PROJECT NUMBER

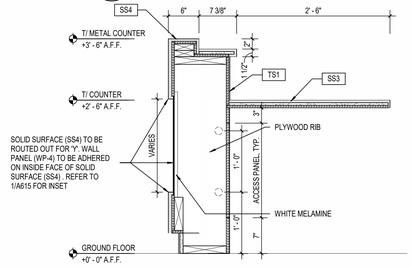
2022016



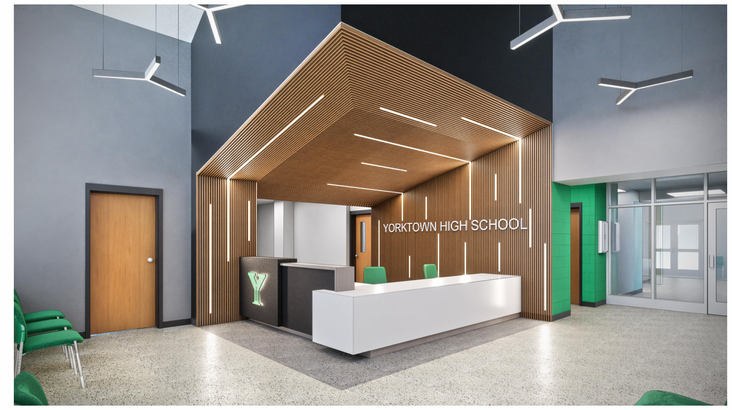
15 A615 ENLARGED MILLWORK SECTION
SCALE: 1" = 1'-0"



14 A615 ENLARGED MILLWORK SECTION
SCALE: 1" = 1'-0"



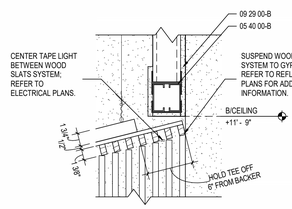
13 A615 ENLARGED MILLWORK SECTION
SCALE: 1" = 1'-0"



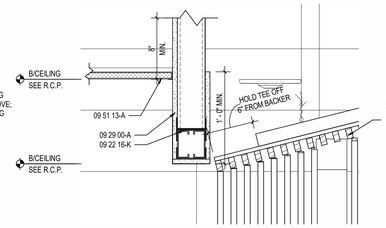
8 A615 ADMIN RENDERING
SCALE: 12" = 1'-0"

GENERAL CASEWORK NOTES

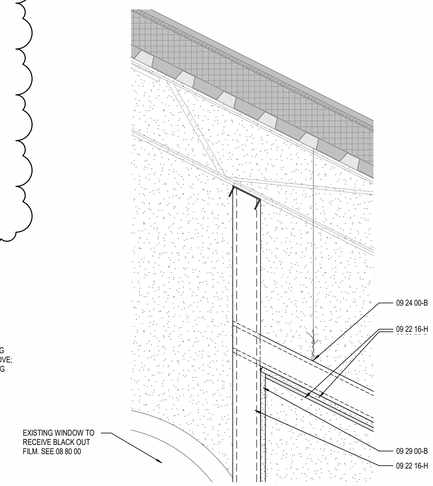
A. ALL CASEWORK TO HAVE LOCKS PROVIDED U.N.O.
B. PROVIDE 1" GROMMETS AND COVER AT EACH OPEN KNEE SPACE TYP. ALL CASEWORK.
C. PROVIDE COUNTERTOP SUPPORTS AT ALL OPEN KNEE SPACE COUNTERTOPS.
D. PROVIDE FINISHED ENDS AT ALL CABINET SIDES PARTIALLY OR FULLY EXPOSED TO VIEW.
E. PROVIDE FILLER PANELS AT ALL LOCATIONS WHERE CASEWORK IS FLANKED BY WALLS AS REQUIRED TO CLOSE OFF SPACE.
F. PROVIDE A NEAT AND WORKMANLIKE INSTALLATION.
G. PROVIDE EQUAL FILLER PANELS.
H. SEE REFLECTED CEILING PLAN FOR MOST ACCURATE CEILING HEIGHTS.
I. ALL CASEWORK SHALL CONFORM TO THE QUALITY STANDARDS OF ARCHITECTURAL WOODWORK INSTITUTE (AWI) PREMIUM GRADE. FABRICATOR SHALL BE FAMILIAR WITH AWI STANDARDS.
J. CONFIRM FIELD DIMENSIONS PRIOR TO FABRICATION.
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.
L. REFER TO FINISH LEGEND, PLANS, AND ELEVATIONS FOR ALL MATERIAL SPECIFICATIONS AND LOCATIONS.
M. CAULK CASEWORK TO ADJOINING FINISHED SURFACES.
N. REFER TO A900 SERIES FOR EQUIPMENT SCHEDULE AND LOCATIONS.



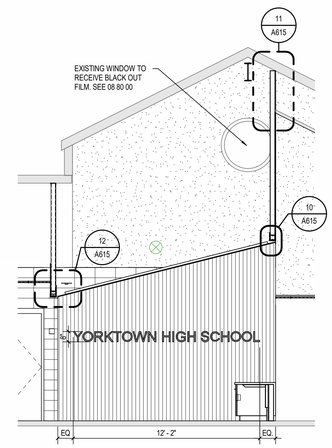
10 A615 SLAT CEILING SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



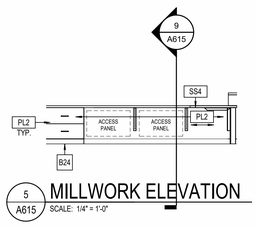
12 A615 SLAT CEILING SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



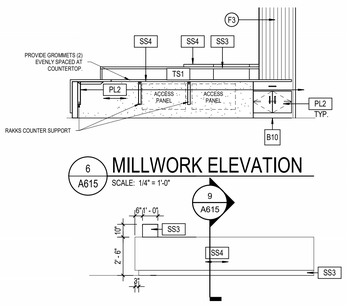
11 A615 SLAT CEILING SECTION DETAIL
SCALE: 1 1/2" = 1'-0"



9 A615 RECEPTION DESK SECTION
SCALE: 1/4" = 1'-0"

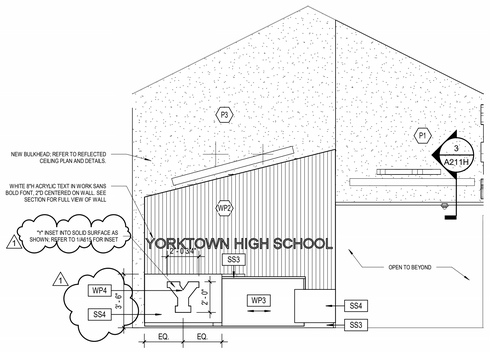


5 A615 MILLWORK ELEVATION
SCALE: 1/4" = 1'-0"

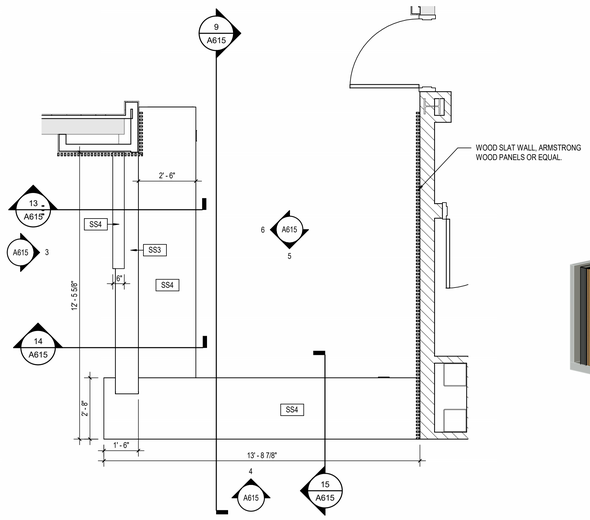


6 A615 MILLWORK ELEVATION
SCALE: 1/4" = 1'-0"

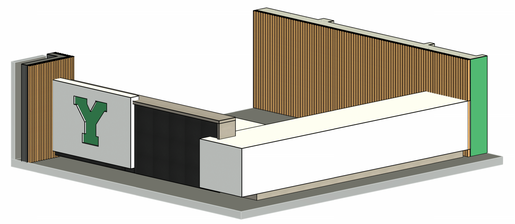
4 A615 MILLWORK ELEVATION
SCALE: 1/4" = 1'-0"



3 A615 MILLWORK ELEVATION
SCALE: 1/4" = 1'-0"



2 A615 ENLARGED RECEPTION DESK PLAN
SCALE: 3/8" = 1'-0"



1 A615 RECEPTION DESK ISO
SCALE:

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

SCOPE DRAWINGS:
These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the basic requirements related to the type of structural, mechanical and electrical systems.
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REVISIONS:
1 ADDENDUM #1 02-15-24

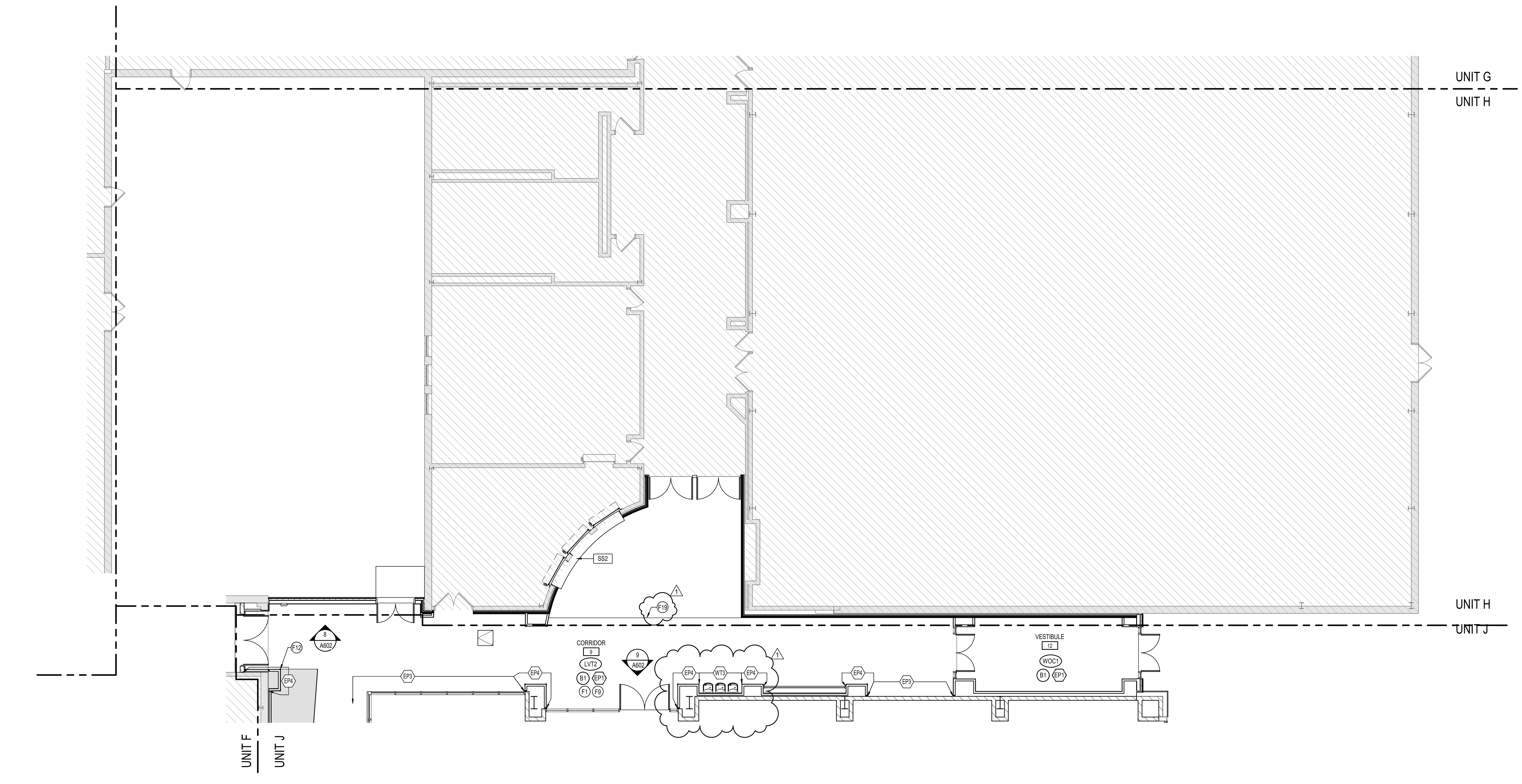
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
ENLARGED MILLWORK PLANS, SECTIONS, AND DETAILS

CERTIFIED BY:
JAMES ROBERT FUNK REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A615

PROJECT NUMBER
2022016



1 A801H FIRST FLOOR FINISH PLAN - UNIT H

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

GENERAL FINISH NOTES

1. 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 OF COLOR.
6. WHEN FLOOR FINISHES TRANSITION AT DOOR OPENING, THE TRANSITION IS TO BE ON CENTER OF THE DOOR PANEL U.N.O.
7. CARPET TO CARPET TRANSITIONS TO BE FEATHERED AS REQUIRED TO PROVIDE SMOOTH TRANSITION FROM FINISH TO FINISH.
8. WHERE CARPET AND LVT TRANSITION, INSTALL FACTORY EDGE OF CARPET TILE 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 INFORMATION.
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.

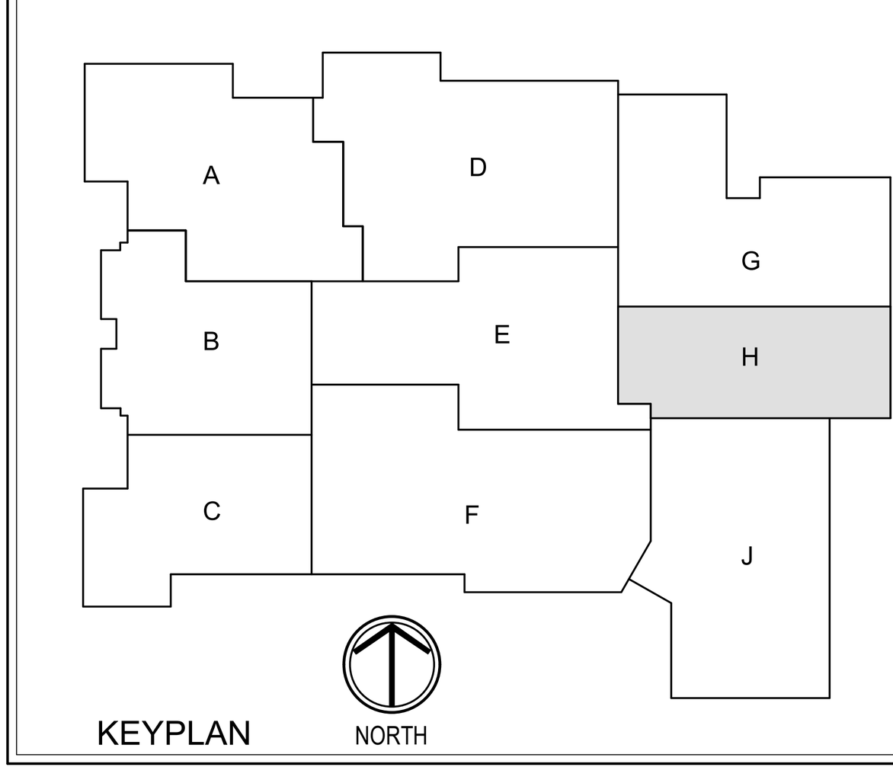
FINISH TAG KEY

XXX	FLOOR FINISH
XX	BASE FINISH
XX	WALL FINISH
XXX / XXX	HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
XXX	COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
XX	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.
F8 ALTERNATE: IN LIEU OF (LVT3) AND (LVT2), FLOORING IN THIS ROOM TO RECEIVE (TZ1) AND (TZ2), RESPECTIVELY. PROVIDE 1/4" ZINC TERRAZZO DIVIDER STRIP WHERE TRANSITION OCCURS.
F9 ALTERNATE: IN LIEU OF (SC2) AND (SC3), FLOORING IN THIS ROOM TO RECEIVE (TZ3) AND (TZ4), RESPECTIVELY, UNO. PROVIDE 1/4" ZINC TERRAZZO DIVIDER STRIP WHERE TRANSITION OCCURS.
F10 FOR ALTERNATE FINISH INFORMATION, REFER TO ELEVATIONS ON SHEET A612.
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.
F16 CENTER FLOORING GRAPHIC ON GLAZING AS INDICATED.
F17 ALTERNATE: IN LIEU OF (SC3), FLOORING GRAPHIC TO RECEIVE (TZ5). PROVIDE 1/4" ZINC TERRAZZO DIVIDER STRIP WHERE TRANSITION OCCURS.
F18 NOT USED.
F19 PROVIDE SMOOTH TRANSITION FROM NEW SLAB TO EXISTING TERRAZZO AS REQUIRED TO RECEIVE (LVT2).

1



KEYPLAN

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PROJECT:

YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

SCOPE DRAWINGS:

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REVISIONS:

1 ADDENDUM #1 02-15-24

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

DRAWING TITLE:

FIRST FLOOR FINISH PLAN - UNIT H

CERTIFIED BY:

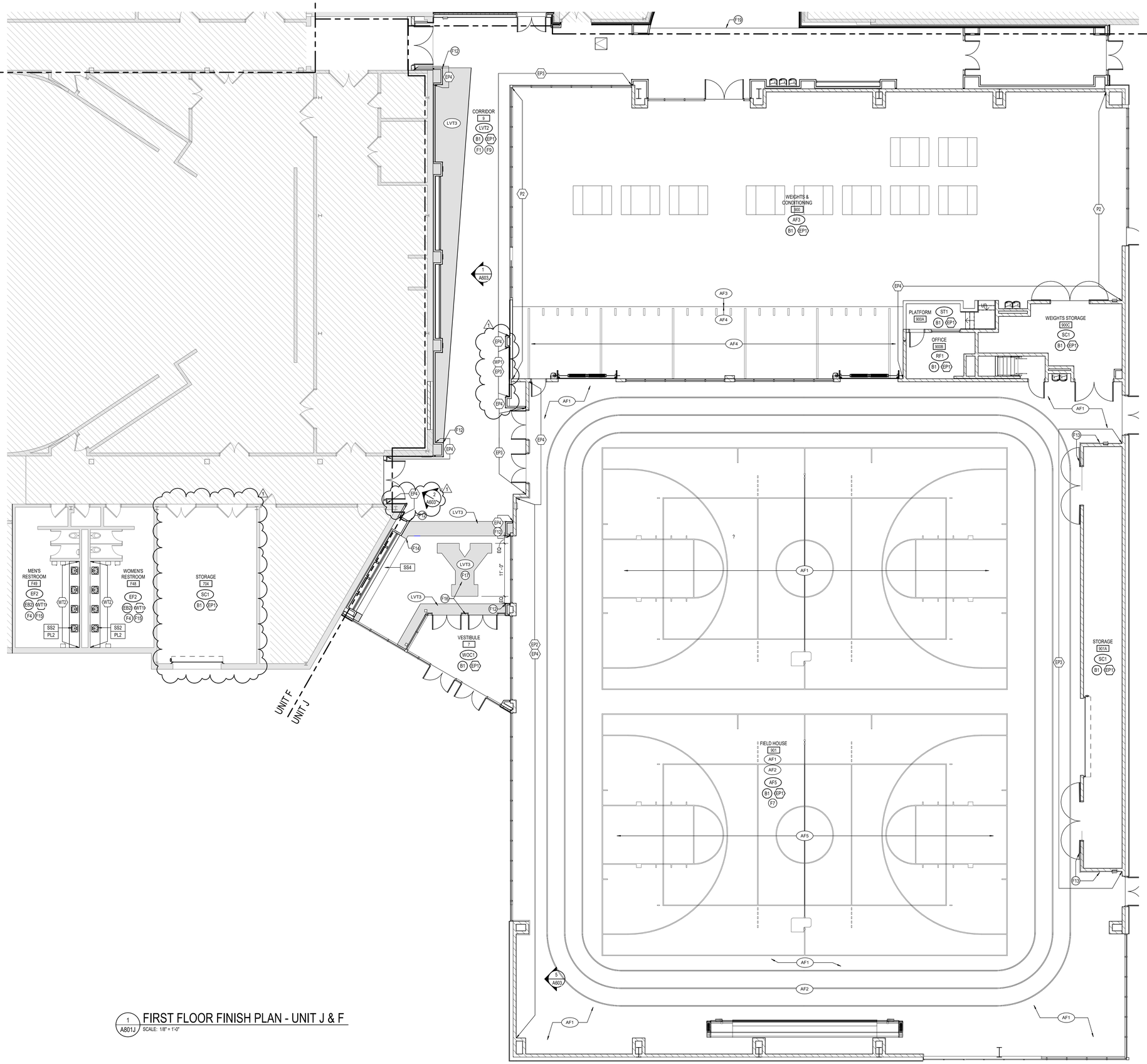
JAMES ROBERT FUNK REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER

A801H

PROJECT NUMBER

2022016



1 A801J FIRST FLOOR FINISH PLAN - UNIT J & F
SCALE: 1/8" = 1'-0"

GENERAL FINISH NOTES

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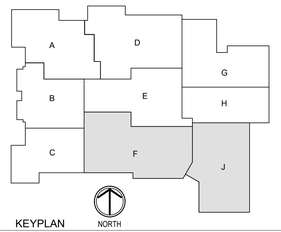
4. CONTRACTOR RESPONSIBLE FOR PROTECTING FINISHED SURFACES AND EXISTING TO REMAIN FINISHES DURING CONSTRUCTION. ALL EXISTING TO REMAIN SURFACES SHALL BE PROPERLY CLEANED.
5. TRANSITION BETWEEN DISSIMILAR FLOORING MATERIALS TO RECEIVE TRANSITION STRIP. TRANSITION TO OCCUR AT DOOR OPENING WHERE APPLICABLE, 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 OF COLOR.
6. WHEN FLOOR FINISHES TRANSITION AT DOOR OPENING, THE TRANSITION IS TO BE ON CENTER OF THE DOOR PANEL U.N.O.
7. CARPET TO CARPET TRANSITIONS TO BE FEATHERED AS REQUIRED TO PROVIDE SMOOTH TRANSITION FROM FINISH TO FINISH.
8. WHERE CARPET AND LVT TRANSITION, INSTALL FACTORY EDGE OF CARPET TILE 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 INFORMATION.
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
- XX — WALL FINISH
- XXX / XXX — HORIZONTAL FINISH (COUNTERTOP) / VERTICAL FINISH (CASEWORK)
- XXX — COUNTERTOP, CASEWORK OR MISCELLANEOUS FINISH ONLY REFER TO FINISH LEGEND
- XX — 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.
F8 ALTERNATE: IN LIEU OF (LVT3) AND (LVT2), FLOORING IN THIS ROOM TO RECEIVE (TZ1) AND (TZ2), RESPECTIVELY. PROVIDE 1/4" ZINC TERRAZZO DIVIDER STRIP WHERE TRANSITION OCCURS.
F9 ALTERNATE: IN LIEU OF (SC2) AND (SC3), FLOORING IN THIS ROOM TO RECEIVE (TZ3) AND (TZ4), RESPECTIVELY. LINO. PROVIDE 1/4" ZINC TERRAZZO DIVIDER STRIP WHERE TRANSITION OCCURS.
F10 FOR ALTERNATE FINISH INFORMATION, REFER TO ELEVATIONS ON SHEET A612.
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.
F16 CENTER FLOORING GRAPHIC ON GLAZING AS INDICATED.
F17 ALTERNATE: IN LIEU OF (SC1), FLOORING GRAPHIC TO RECEIVE (TZ5). PROVIDE 1/4" ZINC TERRAZZO DIVIDER STRIP WHERE TRANSITION OCCURS. 1
F18 NOT USED.
F19 PROVIDE SMOOTH TRANSITION FROM NEW SLAB TO EXISTING TERRAZZO AS REQUIRED TO RECEIVE (LVT2).



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

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 construction and materials required for the work.
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On the basis of the general scope indicated or described, the contractor shall furnish all labor and materials required for the proper execution and completion of the work.

REVISIONS:
1 ADDENDUM #1 02-15-24

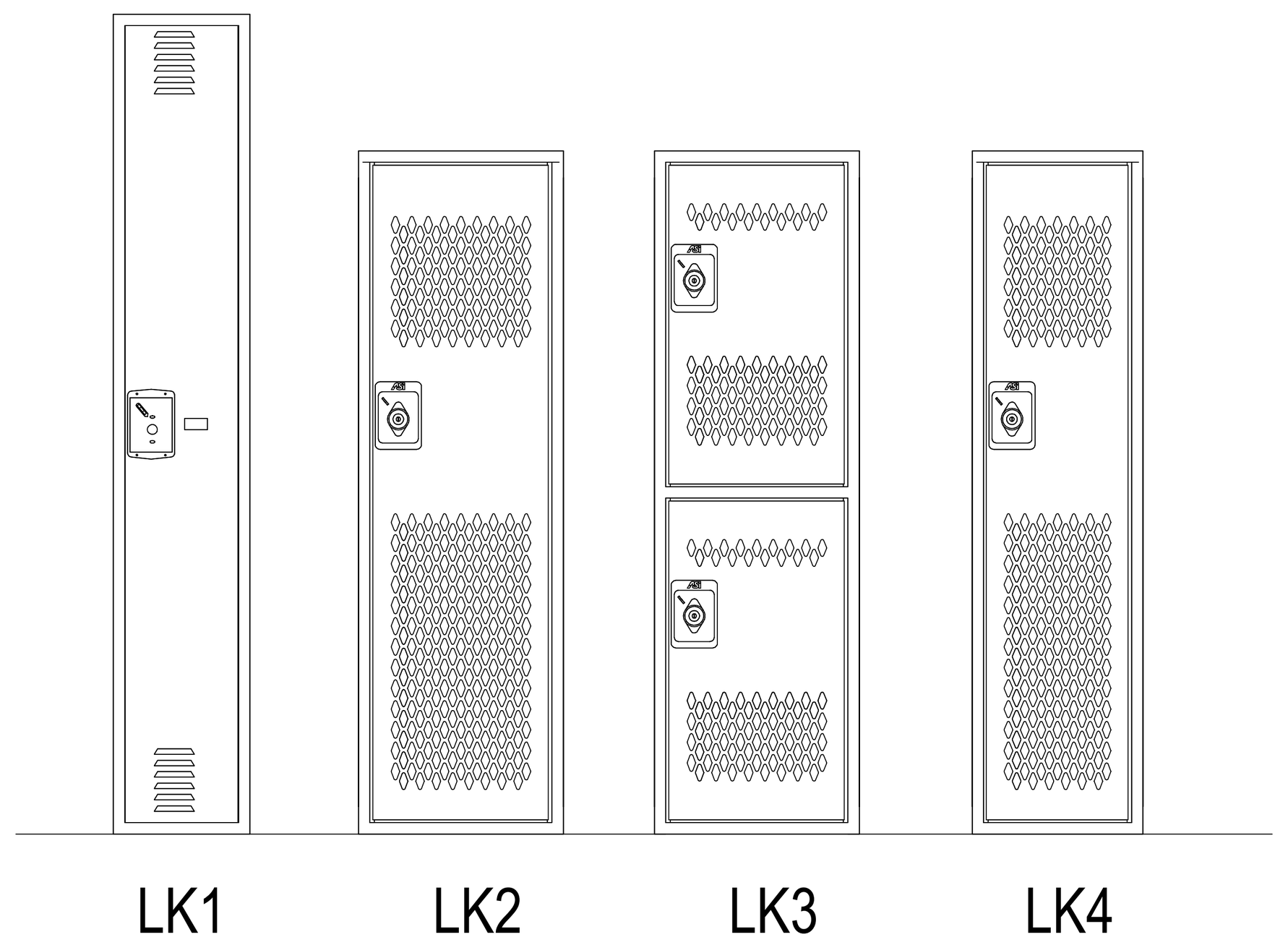
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

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

CERTIFIED BY:
JAMES ROBERT LUNA REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER
A801J

PROJECT NUMBER
2022016

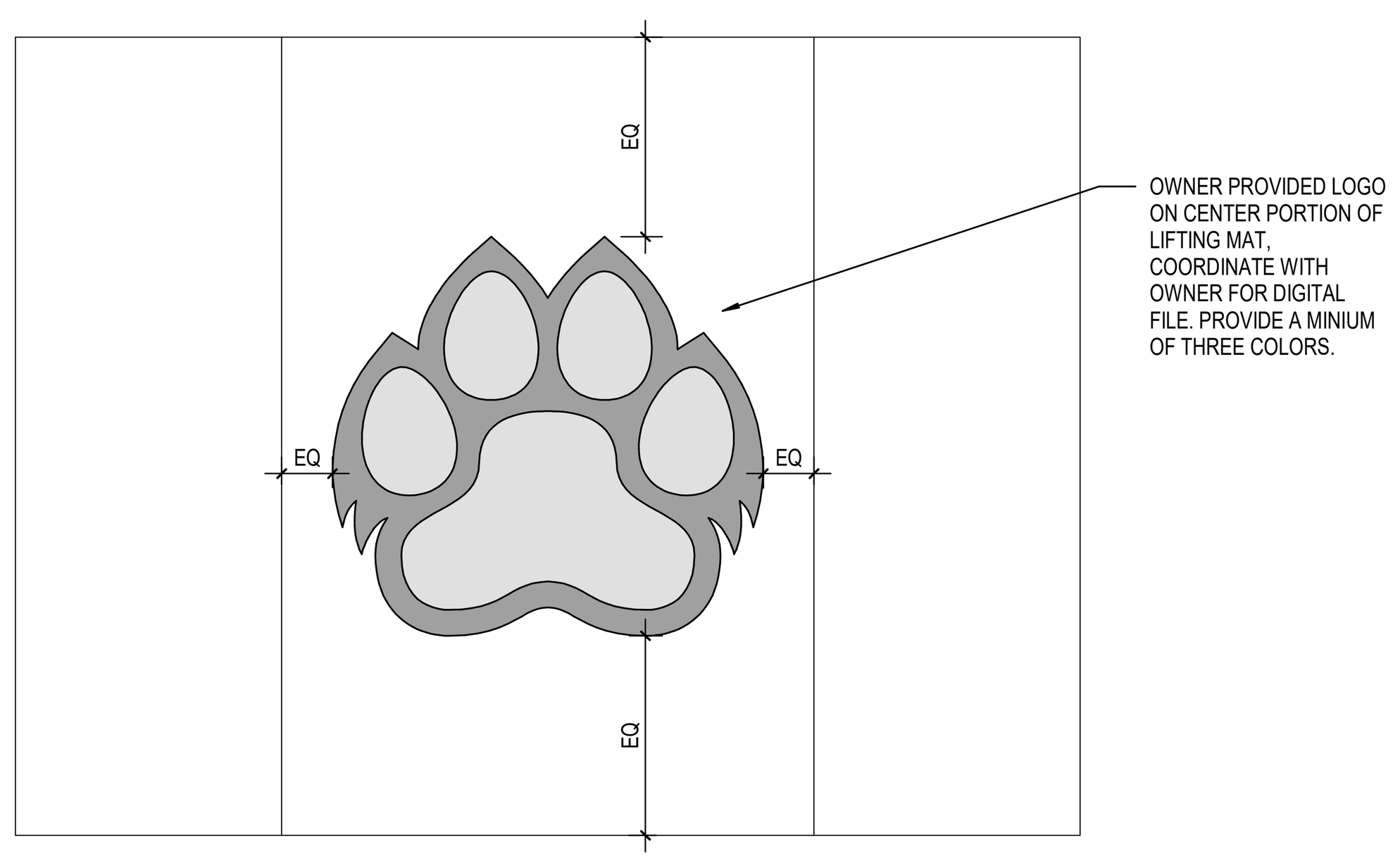


LOCKER ELEVATIONS

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

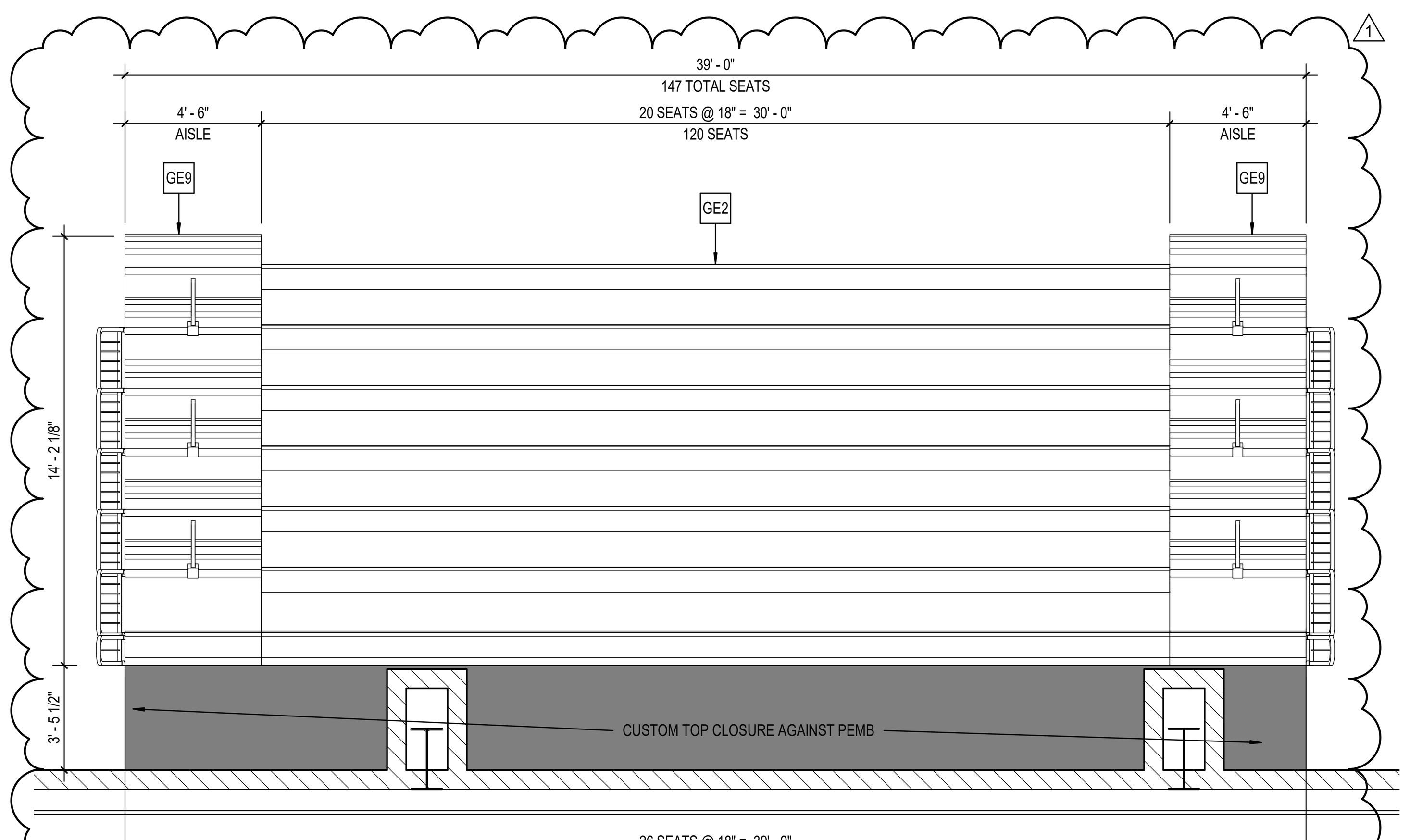
SPECIALTY EQUIPMENT SCHEDULE

TYPE MARK	DESCRIPTION	SPEC SECTION	MANUFACTURER	MODEL NO.	REMARKS	FURNISHED BY	INSTALLED BY
AED	3" ROLLED TRIM FULLY RECESSED AED CABIENT	10 43 13	Activar Construction Products Group	1417	RECESSED AED CABINET AND AED DEVICE	CONTRACTOR	CONTRACTOR
AP1	UNDERCOUNTER ICE MAKER	11 31 00	PERLICK	H80CIMWAD	ADA HEIGHT 34" NUGGET ICE	CONTRACTOR	CONTRACTOR
AP2	REFRIGERATOR	11 31 00	GE	GDE21ESKSS	COORDINATE HOOK-UPS PER ELECTRICAL/PLUMBING DRAWINGS.	CONTRACTOR	CONTRACTOR
AP3	ADA HEIGHT BUILT-IN DISHWASHER	11 31 00	SUMMIT	#DW2435SSADA	COORDINATE HOOK-UPS PER ELECTRICAL/PLUMBING DRAWINGS.	CONTRACTOR	CONTRACTOR
CC1	CUBICLE CURTAIN AND TRACK	10 21 23	SEE SEPC	SEE SPECS		CONTRACTOR	CONTRACTOR
CG1	2 PIECE SURFACE MOUNTED STAINLESS STEEL CORNER GUARD +7'-2" H	10 26 00	C/S GROUP	CO-8	90°	CONTRACTOR	CONTRACTOR
DC2	DISPLAY CASE	10 12 00	CLARIDGE	370 SERIES	4'-0" W x 3'-0" H x 1'-0" D	CONTRACTOR	CONTRACTOR
DP1	DEDICATION PLAQUE	10 14 16	-	-	BUILDING DEDICATION PLAQUE, 24"x30"	CONTRACTOR	CONTRACTOR
EXJ	EXPANSION JOINT	07 95 00	Construction Specialties	SF 200		CONTRACTOR	CONTRACTOR
FC1	SEMI-RECESSED FIRE EXTINGHUSER CABINET	10 44 13	JL INDUSTRIES AMBASSADOR SERIES	C2017V10		CONTRACTOR	CONTRACTOR
FH	FLOOR DOOR	08 31 13	-	-	30"x30" STAINLESS STEEL FLOOR ACCESS HATCH, GAS TIGHT	CONTRACTOR	CONTRACTOR
GE1	SIDE FOLDING BASKETBALL BACKSTOP	12 66 23	DRAPER	TBS-26B	SIDE FOLD BASKETBALL BACKSTOP. COORDINATE WITH MEP DRAWINGS. PROVIDE ALL SUPPORT FOR BASKETBALL BACKSTOPS, UP TO 3000# LOAD ON PEMB PER LOCATION	CONTRACTOR	CONTRACTOR
GE2	GYM BLEACHERS	12 66 00	HUSSEY SEATING	MAXAM	BLEACHERS WITH CUSTOM ATTACHEMENT TO PEMB AT BACK ROW, 24" ROWS 11 5/8" RISE, 7 ROWS	CONTRACTOR	CONTRACTOR
GE3	ELECTRONIC SCOREBOARD	11 66 23	DAKTRONICS	BB-2107	INSTALL 2 SCOREBOARDS, PROVIDE ROUGH INS FOR 4 TOTAL. MOUNT THE BOTTOM OF SCOREBOARD @ 16'-0" AFF	CONTRACTOR	CONTRACTOR
GE4	CEILING SUSPENDED VOLLEYBALL SYSTEM	11 66 23	DRAPER	"OVS"	UP TO 3000# LOAD ON PEMB PER LOCATION	CONTRACTOR	CONTRACTOR
GE5	BUILT-IN LIFT PLATFORM	09 65 66	PLAE	-		CONTRACTOR	CONTRACTOR
GE6	CEILING SUSPENDED, INDOOR CAGE	11 66 23	DRAPER	BOTTOM LIFT CAGE	10'x12'x70' PRATICE CAGE, UP TO 1000# LOAD ON PEMB	CONTRACTOR	CONTRACTOR
GE7	GYM DIVIDER	11 66 23	DRAPER	FOLD-UP GYM DIVIDER	BOTTOM 10' SOLID VINYL, REMAINING HEIGHT TO BE MESH	CONTRACTOR	CONTRACTOR
GE8	WALL PADDING	11 66 23	DRAPER	SEE SPECS	GYM DIVIDER, UP TO 1800# LOAD ON PEMB	CONTRACTOR	CONTRACTOR
GE9	MAXAM Telescopic Gym Bleacher Aisle - Wall Attached		Hussey Seating Company	MAXAM	Bleacher Aisle Unit		
LK1	LOCKER 1 TIER - 12"x15"x72"	10 51 13	DEBOURGH	AS SPECIFIED IN 10 51 13	12"x15"x72", TO MATCH EXISTING, ON METAL Z-BASE	CONTRACTOR	CONTRACTOR
LK2	LOCKER 1 TIER - 18"W x 18"D x 60"H	10 51 13	DEBOURGH	AS SPECIFIED IN 10 51 13	18"W x 18"D x 60"H - 1 TIER	CONTRACTOR	CONTRACTOR
LK3	LOCKER 2 TIER - 18"W x 18"D x 60"H	10 51 13	DEBOURGH	AS SPECIFIED IN 10 51 13	18"x18"x60" - 2 TIER	CONTRACTOR	CONTRACTOR
LK4	LOCKER 1 TIER - 15"W x 15"D x 60"H	10 51 13	DEBOURGH	AS SPECIFIED IN 10 51 13	15"x15"x60" - 1 TIER	CONTRACTOR	CONTRACTOR
LK6	LOCKER FILLER, COLLOR TO MATCH ADJACENT LOCKERS	10 51 13	DEBOURGH	AS SPECIFIED IN 10 51 13	TO MATCH EXISTING, ON METAL Z-BASE	CONTRACTOR	CONTRACTOR
LK7	CORNER LOCKER FILLER, COLOR TO MATCH ADJACENT LOCKERS.	10 51 13	DEBOURGH	-	CORNER LOCKER FILLER AS REQUIRED, INCLUDING TOP FILLER / SLOPE TOP AS REQUIRED.	CONTRACTOR	CONTRACTOR
MB1	4' HIGH x 12' WIDE HIGH MARKER BOARD	10 11 00	CLARIDGE	SERIES 1	MOUNT TOP @ +(7'-0")	CONTRACTOR	CONTRACTOR
MB2	MARKER BOARD 4'-0"W x 4'-0"H	10 11 00	CLARIDGE	SERIES 1	MOUNT TOP @ +(7'-0")	CONTRACTOR	CONTRACTOR
MB3	MARKER BOARD 8'-0"W x 4'-0"H	10 11 00	CLARIDGE	SERIES 1	MOUNT TOP @ +(7'-0")	CONTRACTOR	CONTRACTOR
MB4	4'-0" High Fixed Marker Board	10 11 00	CLARIDGE	SERIES 1	MOUNT TOP @ +(7'-0")	CONTRACTOR	CONTRACTOR
MB5	VERTICAL SLIDING MARKER BOARD 10'-0" W x 5'-0" H	10 11 00	CLARIDGE	VERTICAL SLIDING SYSTEM		CONTRACTOR	CONTRACTOR
RS1	ELECTRONICALLY OPERATED DUAL ROLLER SHADE	12 24 13	MECHO SHADE	SEE SPECS	FULL WIDTH OF WINDOW U.N.O.	CONTRACTOR	CONTRACTOR
RS2	MANUALLY OPERATED SINGLE ROLLER SHADE	12 24 13	MECHO SHADE	SEE SPECS	FULL WIDTH OF WINDOW U.N.O.	CONTRACTOR	CONTRACTOR
T16	24" x 24" ACCESS PANEL	08 31 13	BABCOCK-DAVIS	BNTM-x-S 24"x24"	48" A.F.F.	CONTRACTOR	CONTRACTOR
TB1	4'-0" HIGH FIXED TACK BOARD	10 11 00	CLARIDGE	SEE SPECS	MOUNT TOP @ +(7'-0")	CONTRACTOR	CONTRACTOR
TB2	4'-0" HIGH FIXED TACK BOARD	10 11 00	CLARIDGE	SEE SPECS	MOUNT TOP @ +(7'-0")	CONTRACTOR	CONTRACTOR
TV1	FLAT SCREEN TV	-	-	-	COORDINATE WITH OWNER	OWNER	OWNER



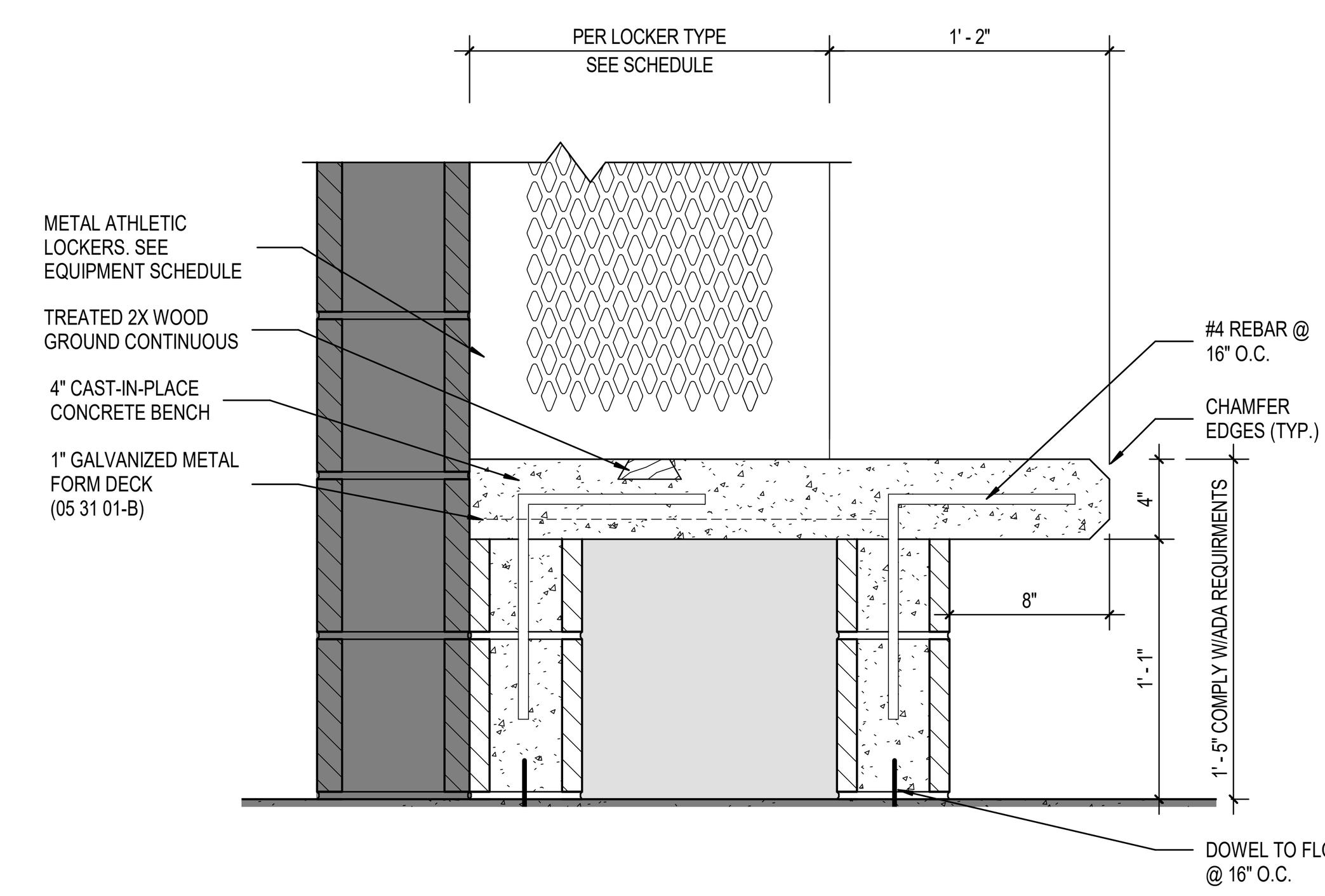
6 A900 CUSTOM LIFTING MAT

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



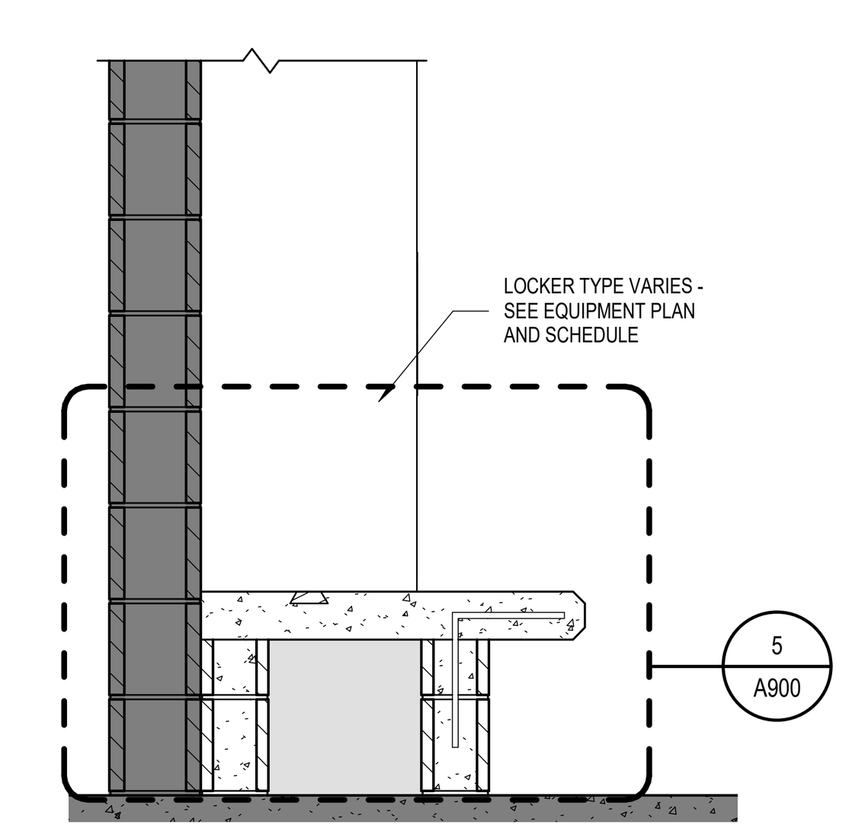
3 A900 BLEACHER LAYOUT

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



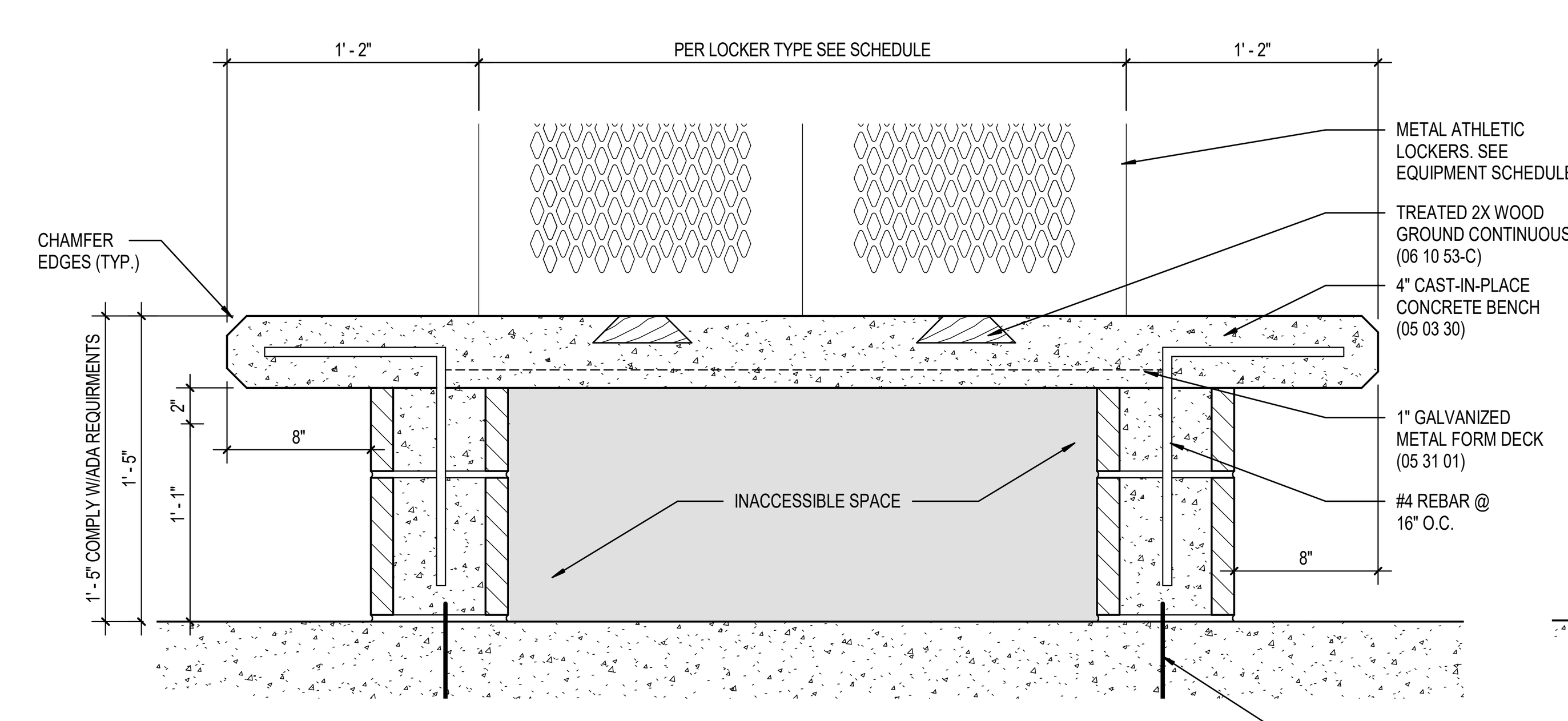
5 A900 LOCKER BENCH DETAIL

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



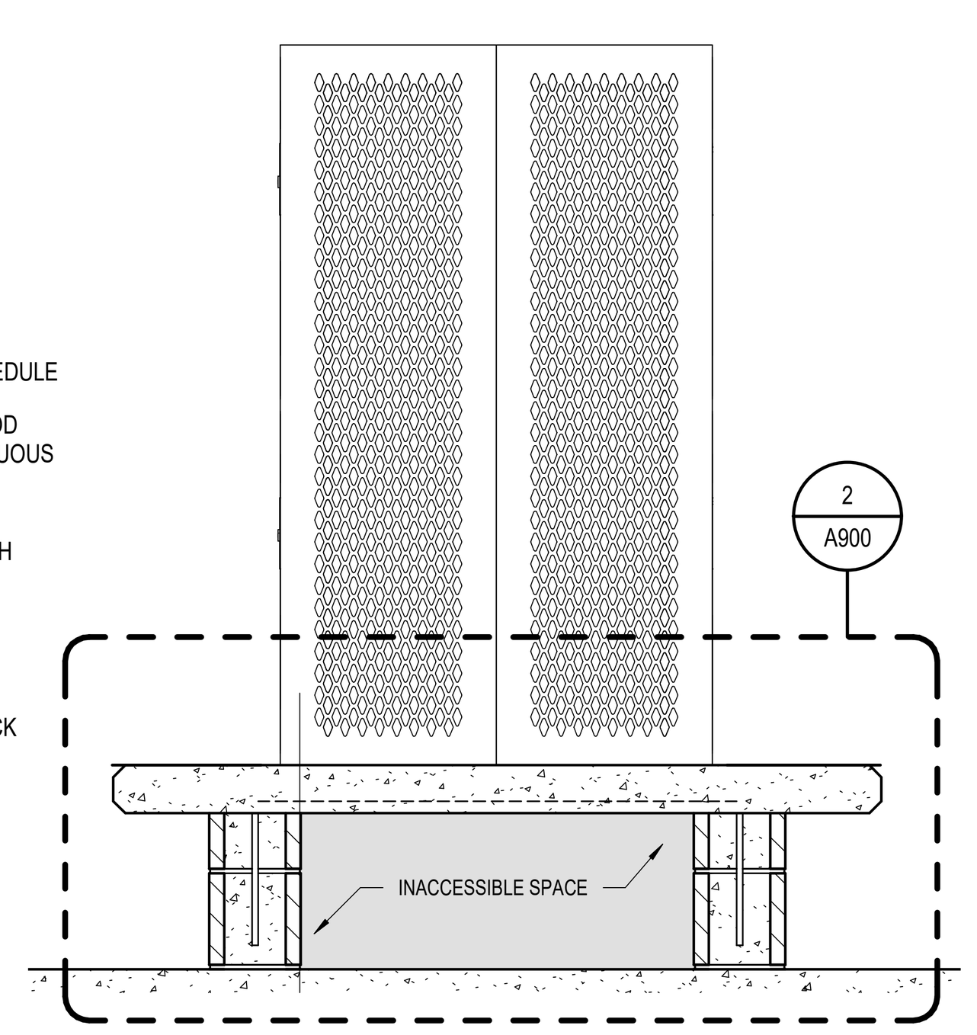
4 A900 LOCKER BENCH

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



2 A900 LOCKER BENCH DETAIL

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



1 A900 BACK-TO-BACK LOCKER BENCH

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

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PROJECT:

YORKTOWN HIGH SCHOOL
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SCOPE DRAWINGS:
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REVISIONS:

1	ADDENDUM #1	02-15-24

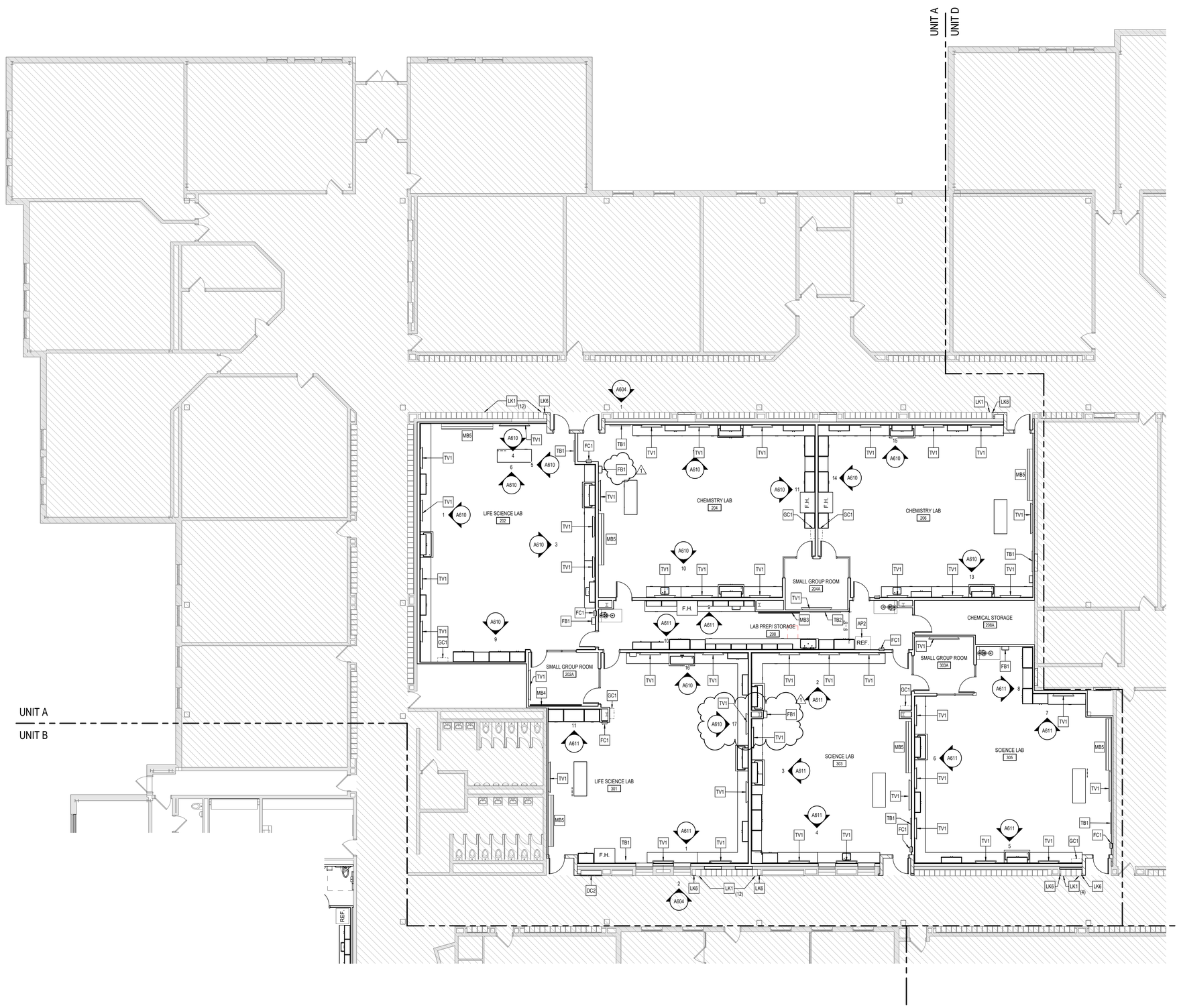
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
EQUIPMENT SCHEDULE AND DETAILS

CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A900

PROJECT NUMBER
2022016



1 A901A FIRST FLOOR EQUIPMENT PLAN - UNIT A
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

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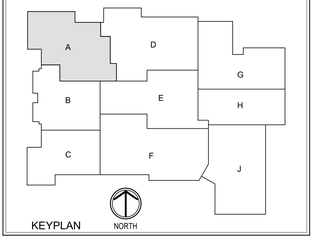

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ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

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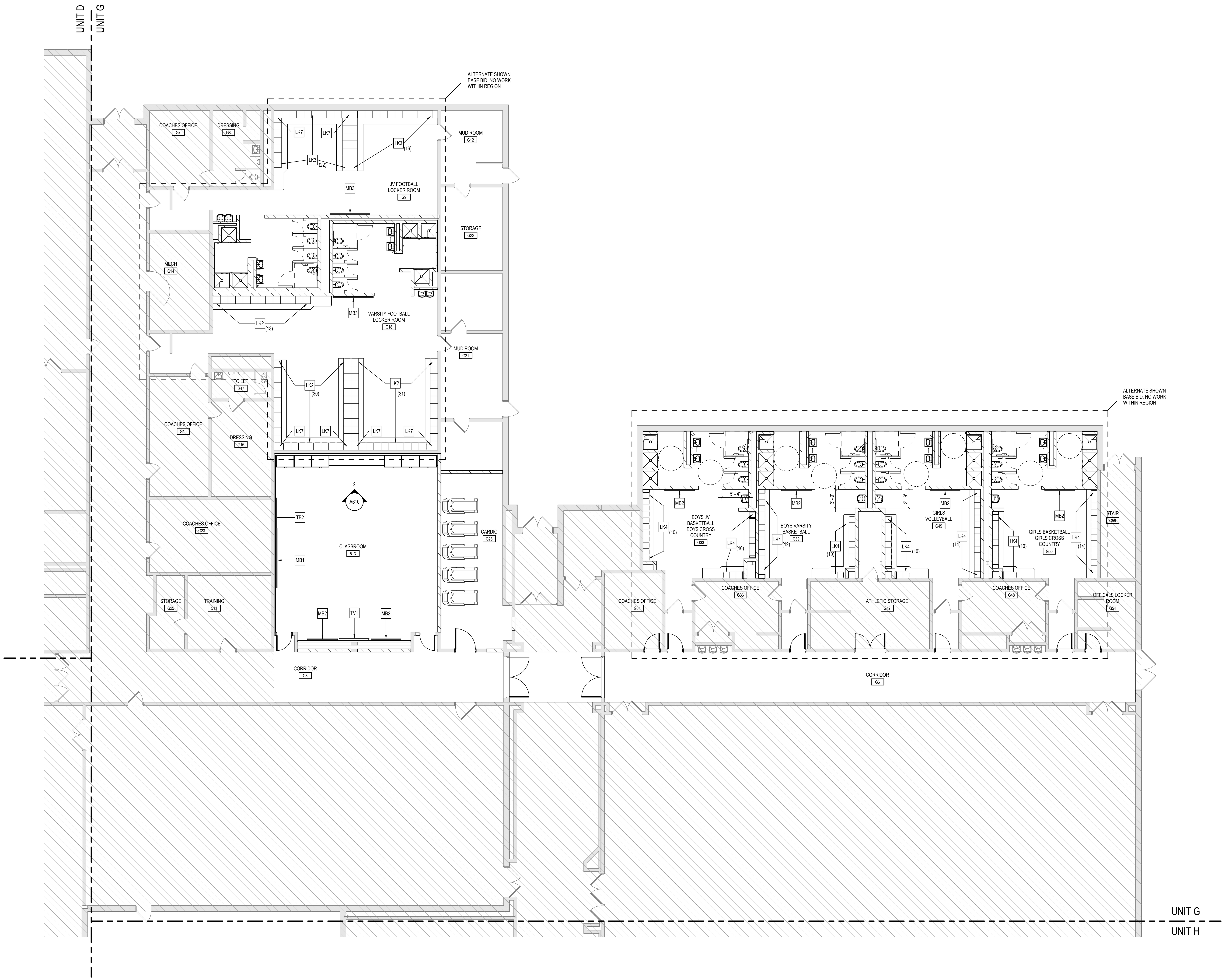
CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A901A

PROJECT NUMBER
2022016



1 A901G **FIRST FLOOR EQUIPMENT PLAN - UNIT G**

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

EQUIPMENT PLAN NOTES

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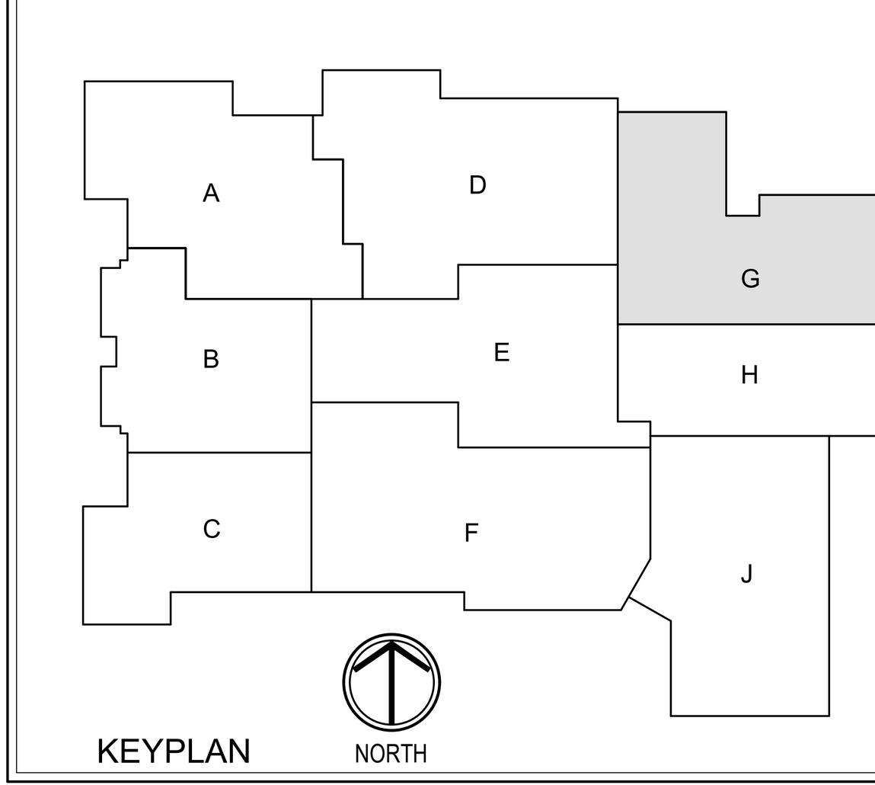

KEYPLAN

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PROJECT:

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REVISIONS:

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

DRAWING TITLE:

FIRST FLOOR EQUIPMENT PLAN - UNIT G

CERTIFIED BY:

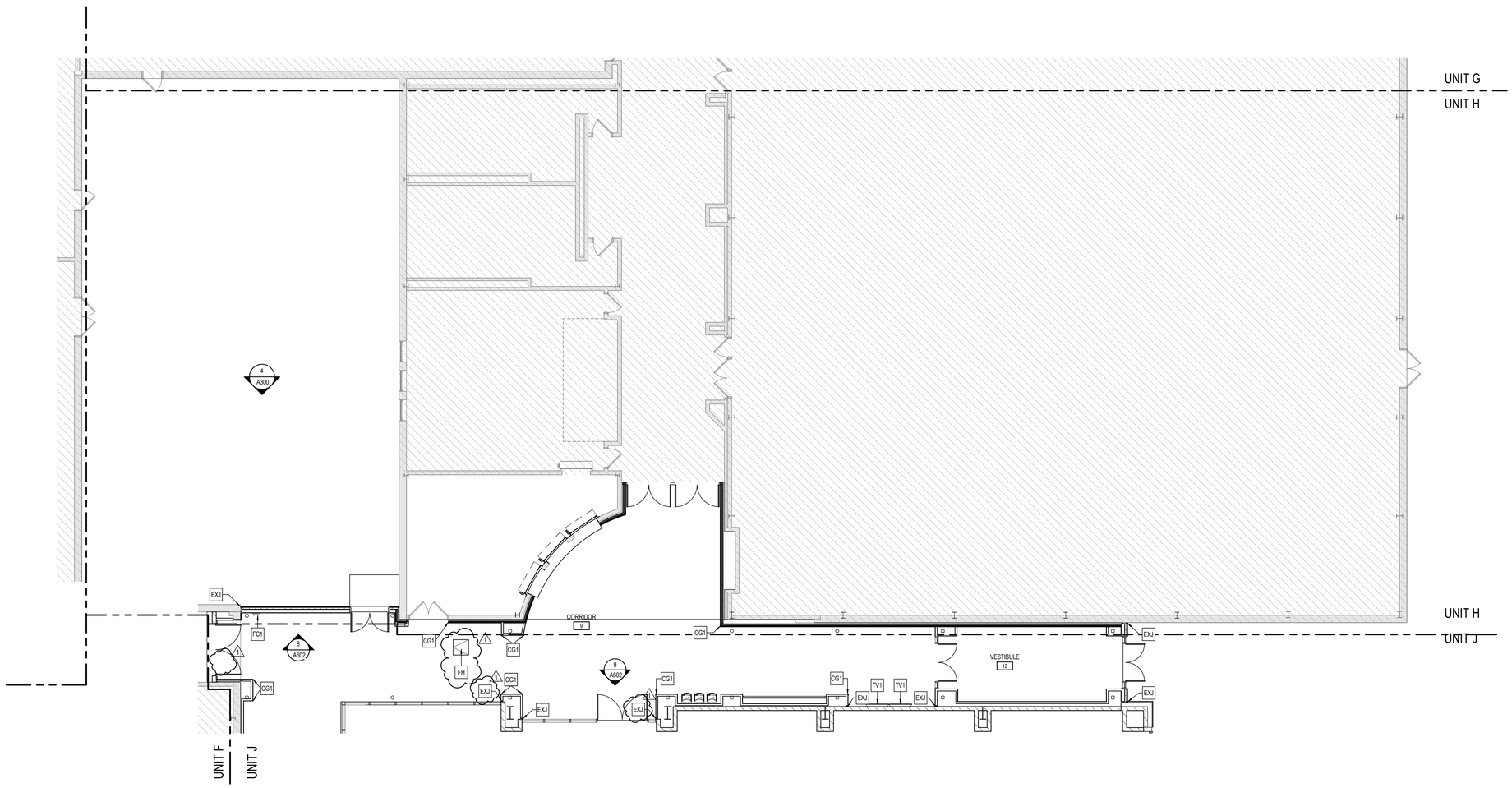
JAMES ROBERT FUNK REGISTERED No. AR00900003 STATE OF INDIANA ARCHITECT

DRAWING NUMBER

A901G

PROJECT NUMBER

2022016



1 A901H FIRST FLOOR EQUIPMENT PLAN - UNIT H
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

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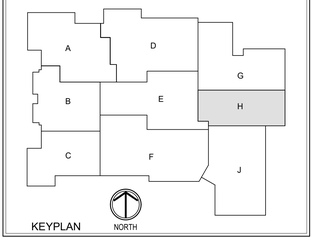

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The Contractor shall furnish additional scope indicated or described, the trade contractors shall furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	ADDENDUM #1	02-15-24

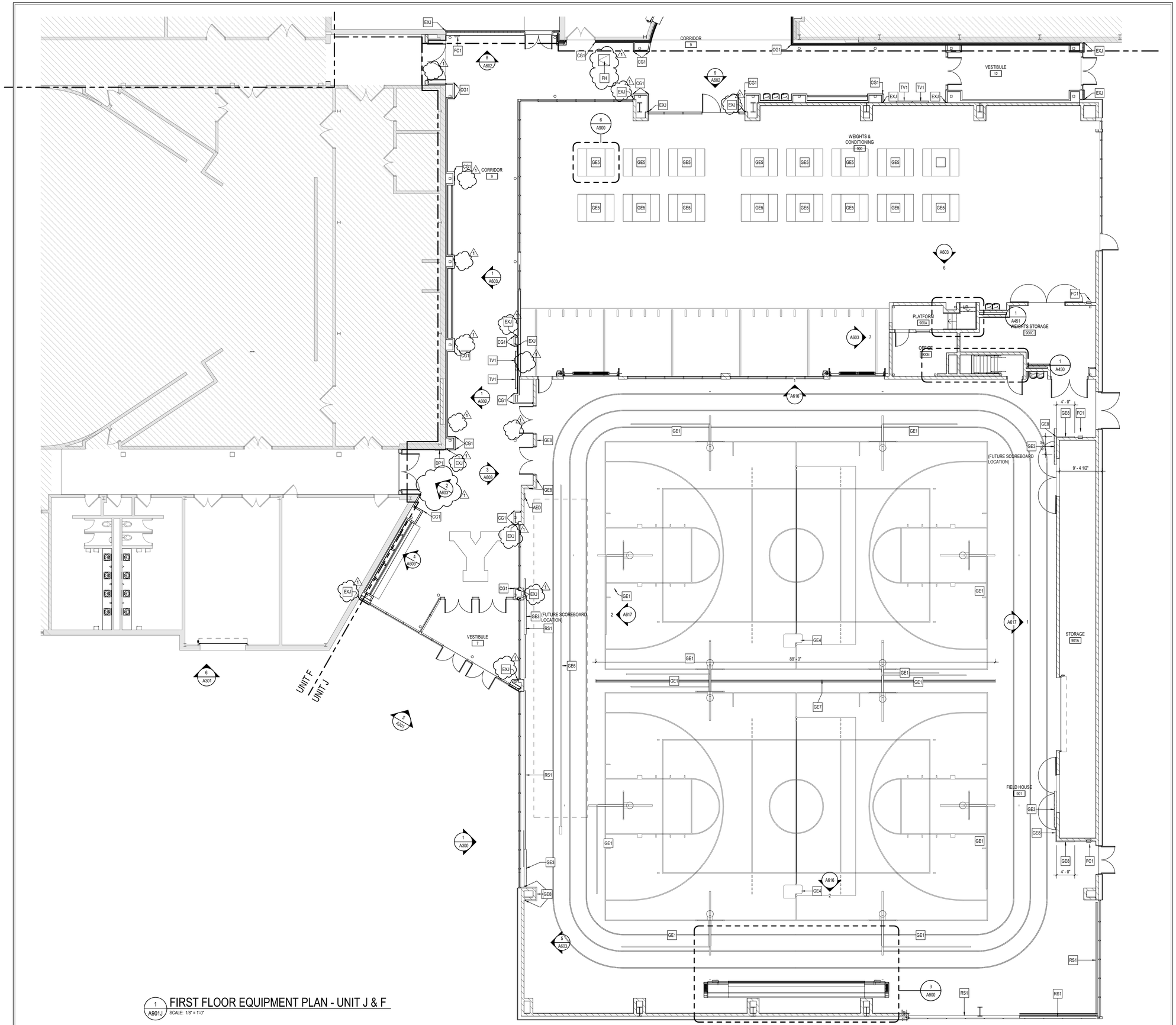
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

DRAWING TITLE:
FIRST FLOOR EQUIPMENT PLAN - UNIT H

CERTIFIED BY:
JAMES ROBERT FINK
REGISTERED No. AR00900003 STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A901H

PROJECT NUMBER
2022016



1 A901J FIRST FLOOR EQUIPMENT PLAN - UNIT J & F
SCALE: 1/8" = 1'-0"

EQUIPMENT PLAN NOTES

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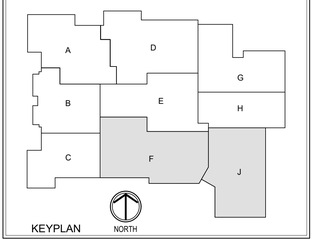

KEYPLAN

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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	02-15-24

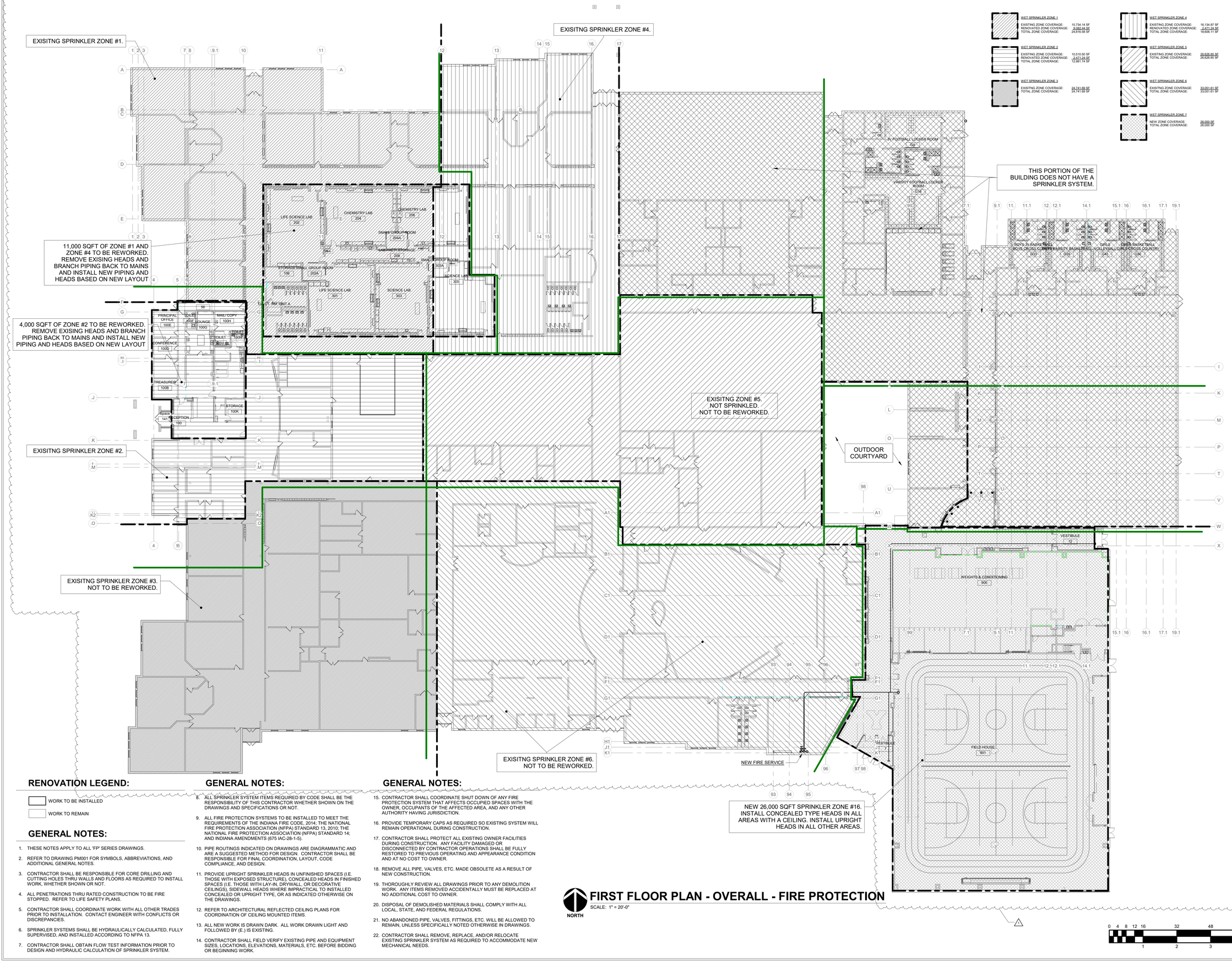
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	KMD	EH

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

CERTIFIED BY:
JAMES ROBERT FUNK
REGISTERED
No. AR00900003
STATE OF INDIANA
ARCHITECT

DRAWING NUMBER
A901J

PROJECT NUMBER
2022016



RENOVATION LEGEND:

- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES:

1. THESE NOTES APPLY TO ALL 'FP' SERIES DRAWINGS.
2. REFER TO DRAWING PM001 FOR SYMBOLS, ABBREVIATIONS, AND ADDITIONAL GENERAL NOTES.
3. CONTRACTOR SHALL BE RESPONSIBLE FOR CORE DRILLING AND CUTTING HOLES THRU WALLS AND FLOORS AS REQUIRED TO INSTALL WORK, WHETHER SHOWN OR NOT.
4. ALL PENETRATIONS THRU RATED CONSTRUCTION TO BE FIRE STOPPED. REFER TO LIFE SAFETY PLANS.
5. CONTRACTOR SHALL COORDINATE WORK WITH ALL OTHER TRADES PRIOR TO INSTALLATION. CONTACT ENGINEER WITH CONFLICTS OR DISCREPANCIES.
6. SPRINKLER SYSTEMS SHALL BE HYDRAULICALLY CALCULATED, FULLY SUPERVISED, AND INSTALLED ACCORDING TO NFPA 13.
7. CONTRACTOR SHALL OBTAIN FLOW TEST INFORMATION PRIOR TO DESIGN AND HYDRAULIC CALCULATION OF SPRINKLER SYSTEM.

GENERAL NOTES:

8. ALL SPRINKLER SYSTEM ITEMS REQUIRED BY CODE SHALL BE THE RESPONSIBILITY OF THIS CONTRACTOR WHETHER SHOWN ON THE DRAWINGS AND SPECIFICATIONS OR NOT.
9. ALL FIRE PROTECTION SYSTEMS TO BE INSTALLED TO MEET THE REQUIREMENTS OF THE INDIANA FIRE CODE, 2014; THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARD 13, 2010; THE NATIONAL FIRE PROTECTION ASSOCIATION (NFPA) STANDARD 14; AND INDIANA AMENDMENTS (675 IAC-28-1-5).
10. PIPE ROUTINGS INDICATED ON DRAWINGS ARE DIAGRAMMATIC AND ARE A SUGGESTED METHOD FOR DESIGN. CONTRACTOR SHALL BE RESPONSIBLE FOR FINAL COORDINATION, LAYOUT, CODE COMPLIANCE, AND DESIGN.
11. PROVIDE UPRIGHT SPRINKLER HEADS IN UNFINISHED SPACES (I.E. THOSE WITH EXPOSED STRUCTURE), CONCEALED HEADS IN FINISHED SPACES (I.E. THOSE WITH LAY-IN, DRYWALL, OR DECORATIVE CEILINGS), SIDEWALL HEADS WHERE IMPRACTICAL TO INSTALLED CONCEALED OR UPRIGHT TYPE, OR AS INDICATED OTHERWISE ON THE DRAWINGS.
12. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR COORDINATION OF CEILING MOUNTED ITEMS.
13. ALL NEW WORK IS DRAWN DARK. ALL WORK DRAWN LIGHT AND FOLLOWED BY (E.) IS EXISTING.
14. CONTRACTOR SHALL FIELD VERIFY EXISTING PIPE AND EQUIPMENT SIZES, LOCATIONS, ELEVATIONS, MATERIALS, ETC. BEFORE BIDDING OR BEGINNING WORK.

GENERAL NOTES:

15. CONTRACTOR SHALL COORDINATE SHUT DOWN OF ANY FIRE PROTECTION SYSTEM THAT AFFECTS OCCUPIED SPACES WITH THE OWNER, OCCUPANTS OF THE AFFECTED AREA, AND ANY OTHER AUTHORITY HAVING JURISDICTION.
16. PROVIDE TEMPORARY CAPS AS REQUIRED SO EXISTING SYSTEM WILL REMAIN OPERATIONAL DURING CONSTRUCTION.
17. CONTRACTOR SHALL PROTECT ALL EXISTING OWNER FACILITIES DURING CONSTRUCTION. ANY FACILITY DAMAGED OR DISCONNECTED BY CONTRACTOR OPERATIONS SHALL BE FULLY RESTORED TO PREVIOUS OPERATING AND APPEARANCE CONDITION AND AT NO COST TO OWNER.
18. REMOVE ALL PIPE, VALVES, ETC. MADE OBSOLETE AS A RESULT OF NEW CONSTRUCTION.
19. THOROUGHLY REVIEW ALL DRAWINGS PRIOR TO ANY DEMOLITION WORK. ANY ITEMS REMOVED ACCIDENTALLY MUST BE REPLACED AT NO ADDITIONAL COST TO OWNER.
20. DISPOSAL OF DEMOLISHED MATERIALS SHALL COMPLY WITH ALL LOCAL, STATE, AND FEDERAL REGULATIONS.
21. NO ABANDONED PIPE, VALVES, FITTINGS, ETC. WILL BE ALLOWED TO REMAIN, UNLESS SPECIFICALLY NOTED OTHERWISE IN DRAWINGS.
22. CONTRACTOR SHALL REMOVE, REPLACE, AND/OR RELOCATE EXISTING SPRINKLER SYSTEM AS REQUIRED TO ACCOMMODATE NEW MECHANICAL NEEDS.

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Fax: (317) 633-4722

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

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. They are not intended to be construction documents describe all work required for full performance and completion of the requirements of the Contract.
Within the limits 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

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	AMB	DED

DRAWING TITLE:
FIRST FLOOR PLAN - FIRE PROTECTION

CERTIFIED BY:
JOSEPH C. BECKER
REGISTERED
No. 10505141
STATE OF INDIANA
PROFESSIONAL ENGINEER
1/ 26/ 2024

DRAWING NUMBER
FP201

PROJECT NUMBER
2022016

DEMOLITION LEGEND:

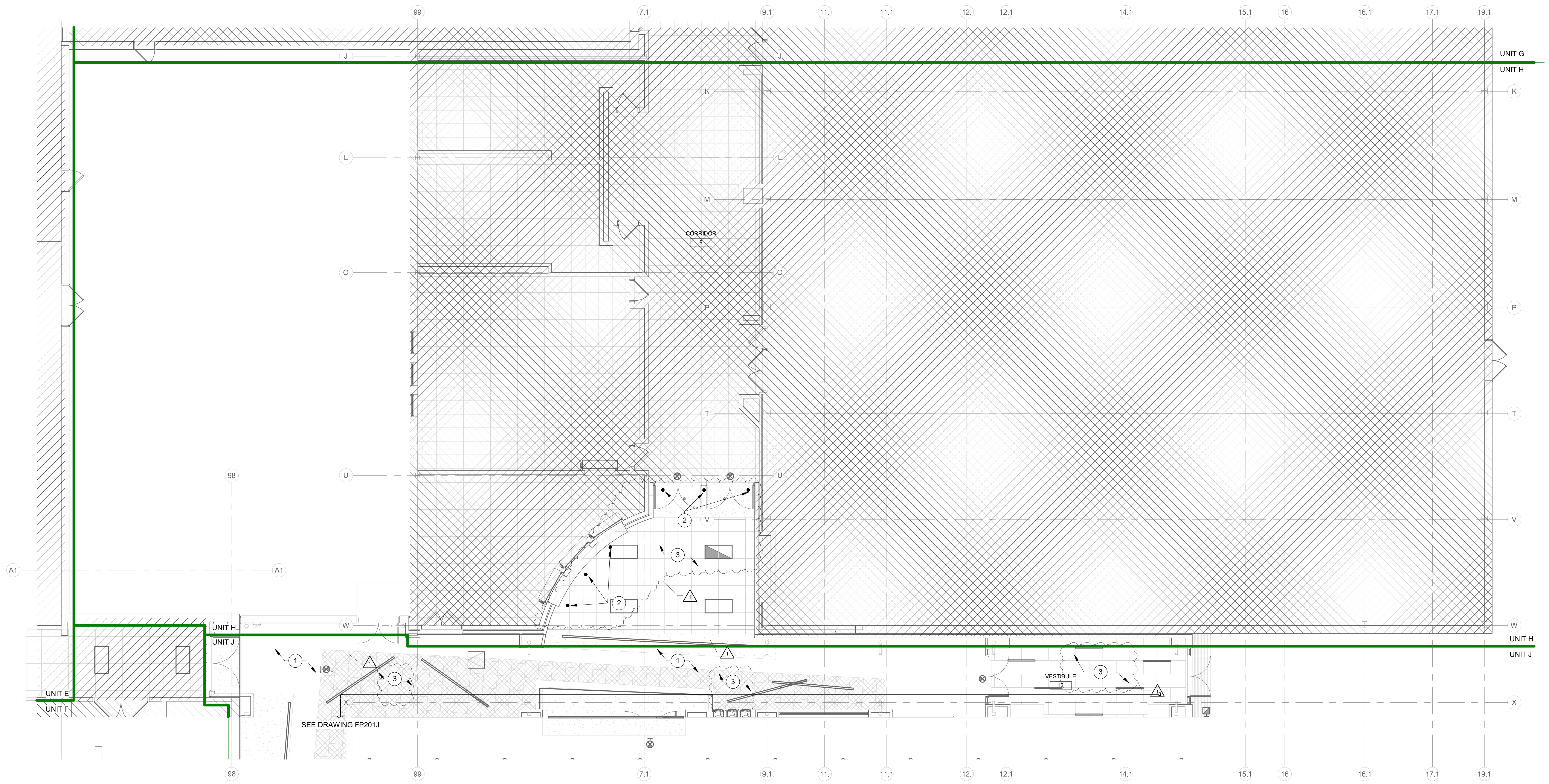
- WORK TO BE REMOVED
- WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

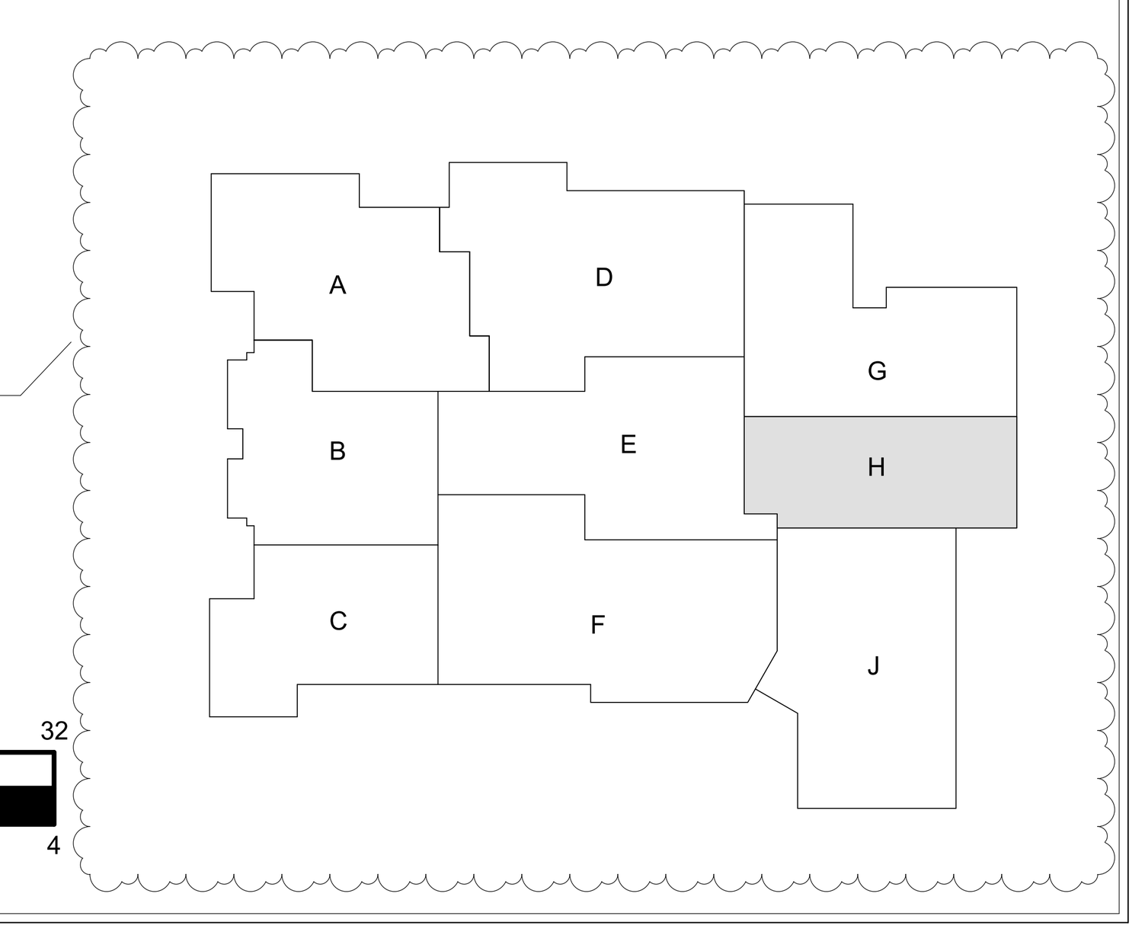
1. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
2. INSTALL WATER CURTAIN IN THIS AREA.
3. INSTALL CONCEALED HEAD IN CEILING INSTALL UPRIGHT HEADS ABOVE CLOUD CEILING.



FIRST FLOOR PLAN - UNIT H - FIRE PROTECTION

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

NORTH



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PROJECT:

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

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

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	AMB	DED

DRAWING TITLE:

FIRST FLOOR PLAN - UNIT H - FIRE PROTECTION

CERTIFIED BY:

JOSEPH C. BECKER REGISTERED No. 10505141 STATE OF INDIANA PROFESSIONAL ENGINEER

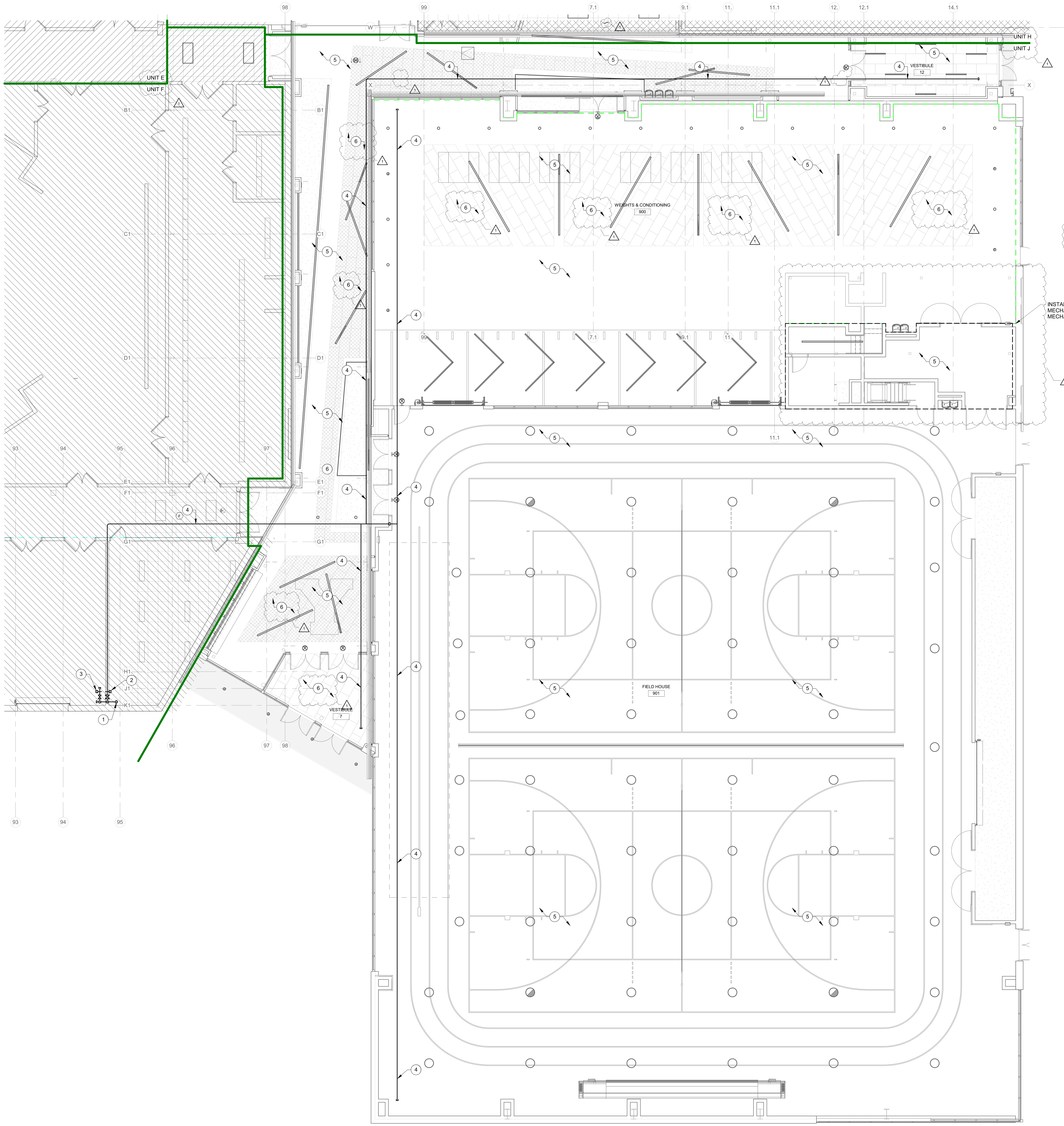
1/ 26/ 2024

DRAWING NUMBER

FP201H

PROJECT NUMBER

2022016



FIRST FLOOR PLAN - UNIT J - FIRE PROTECTION

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

NORTH

DEMOLITION LEGEND:

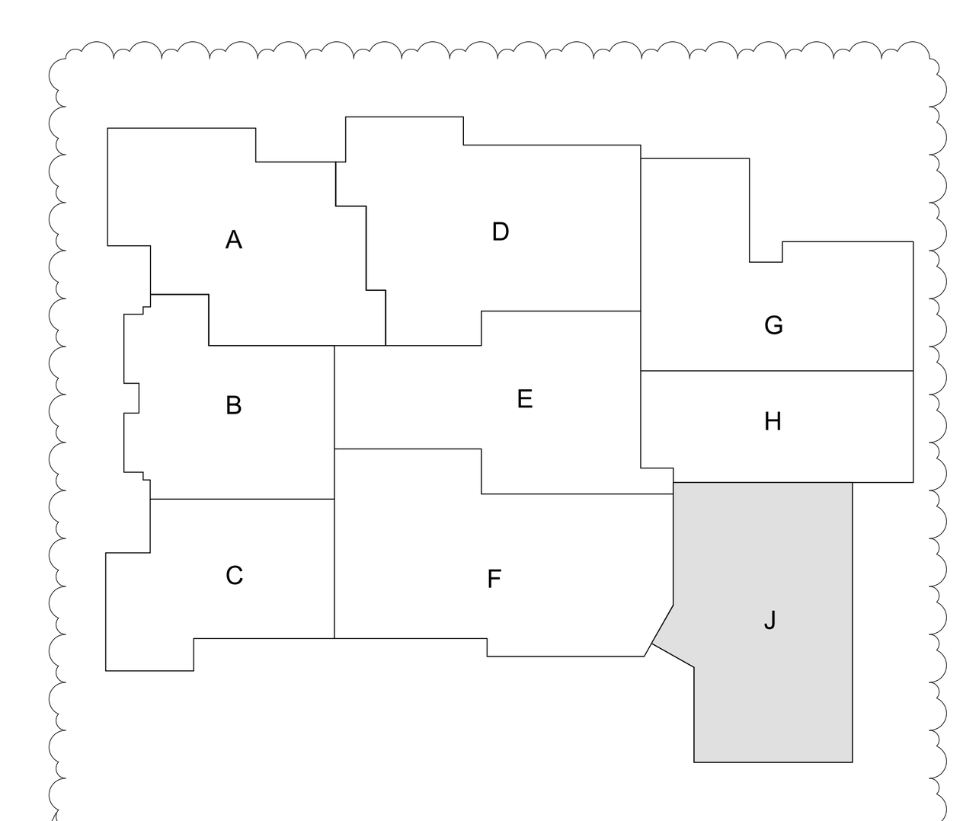
- WORK TO BE REMOVED
- WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 6" FIRE SERVICE FROM BELOW.
2. ZONE CONTROL VALVE WITH TAMPER SWITCH AND FLOW SWITCH.
3. ZONE CONTROL VALVE WITH TAMPER SWITCH AND FLOW SWITCH. CAP 4" FIRE MAIN FOR FUTURE WORK.
4. FIRE MAIN.
5. INSTALL UPRIGHT SPRINKLER HEADS IN THIS AREA. REFER TO ARCHITECTURAL AND STRUCTURAL DRAWINGS FOR ADDITIONAL INFORMATION.
6. INSTALL CONCEALED HEAD IN CEILING INSTALL UPRIGHT HEADS ABOVE CLOUD CEILING.



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PROJECT:

YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

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

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	AMB	DED

DRAWING TITLE:

FIRST FLOOR PLAN - UNIT J - FIRE PROTECTION

CERTIFIED BY:

JOSEPH C. BECKER REGISTERED No. 10505141 STATE OF INDIANA PROFESSIONAL ENGINEER

1/26/2024

DRAWING NUMBER

FP201J

PROJECT NUMBER

2022016

RENOVATION LEGEND:

WORK TO BE INSTALLED

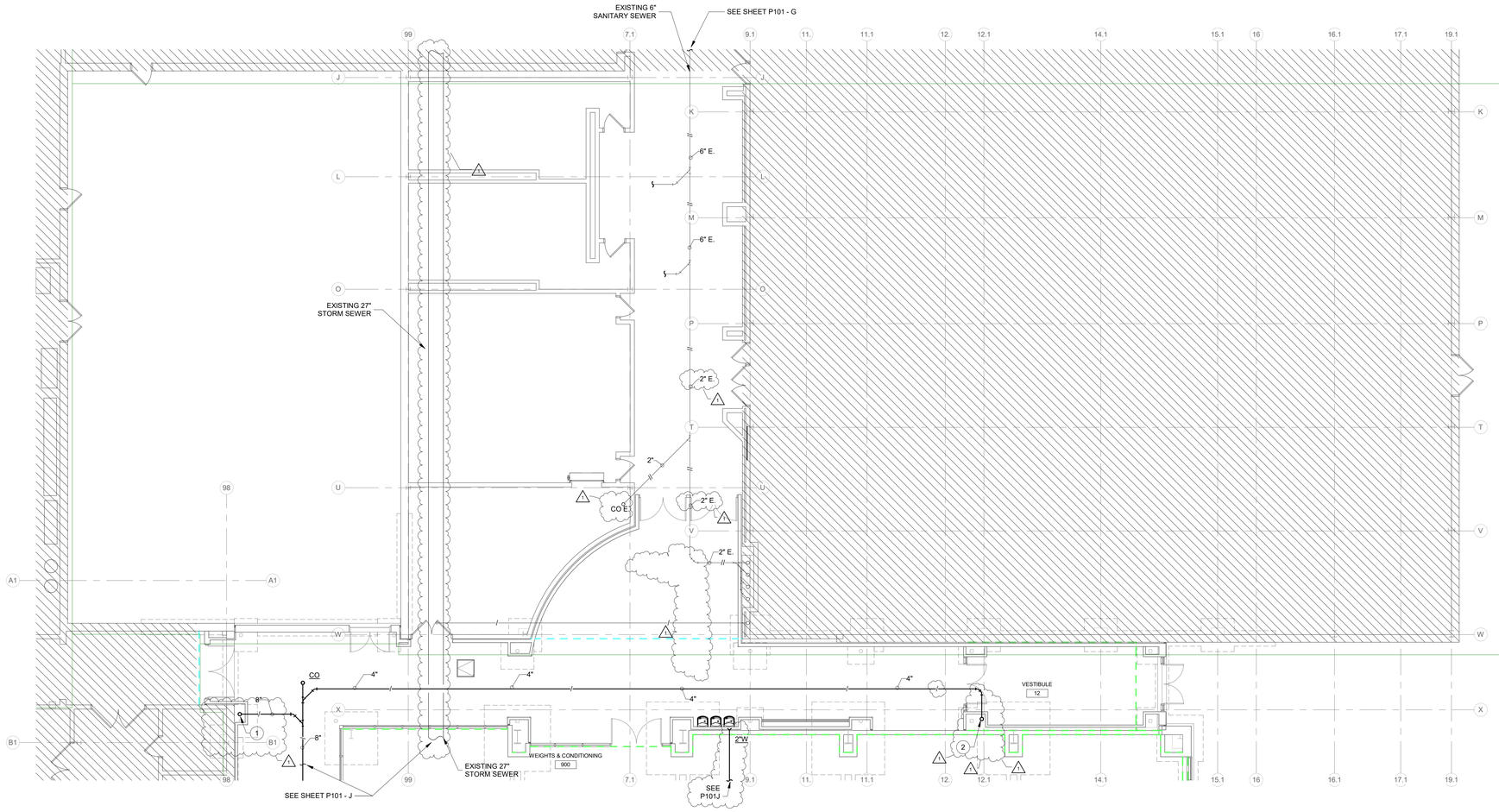
WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

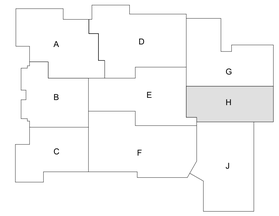
1. CONNECT TO EXISITNG SANITARY PIPING AT THIS POINT.



UNDERSLAB PLAN - UNIT H - PLUMBING

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

NORTH



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PROJECT:

YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

SCOPE DRAWINGS:

These drawings indicate the general scope of the project in terms of architectural design concept, the dimensions of the building, and the architectural character of the type of building, 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.

It is the intent that 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

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	GAC	DED

DRAWING TITLE:

UNDERSLAB PLAN - UNIT H - PLUMBING

CERTIFIED BY:

JOSEPH C. BECKER
REGISTERED
No. 10505141
STATE OF INDIANA
PROFESSIONAL ENGINEER

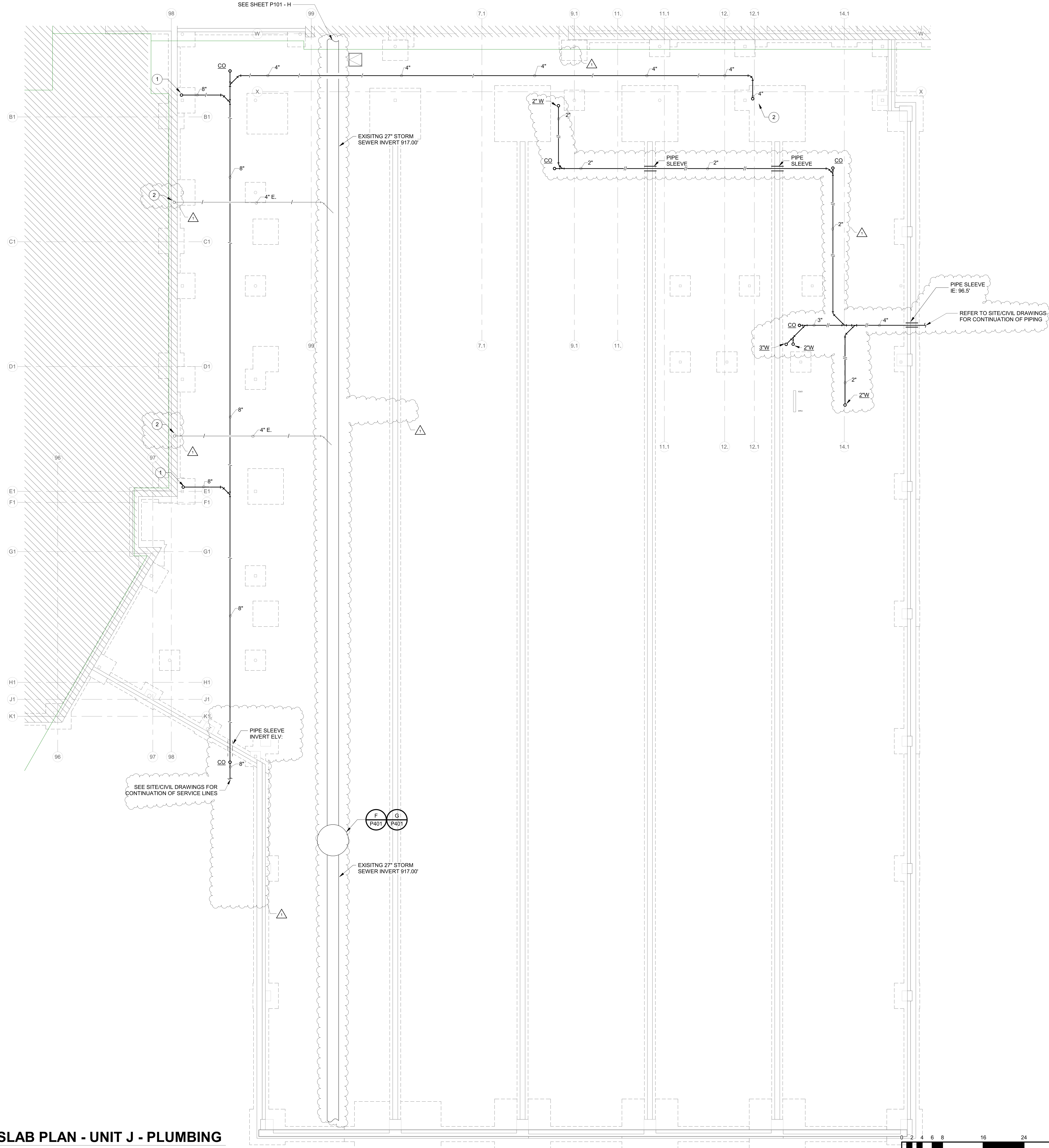
1/26/2024

DRAWING NUMBER

P101H

PROJECT NUMBER

2022016



UNDERSLAB PLAN - UNIT J - PLUMBING

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

NORTH

RENOVATION LEGEND:

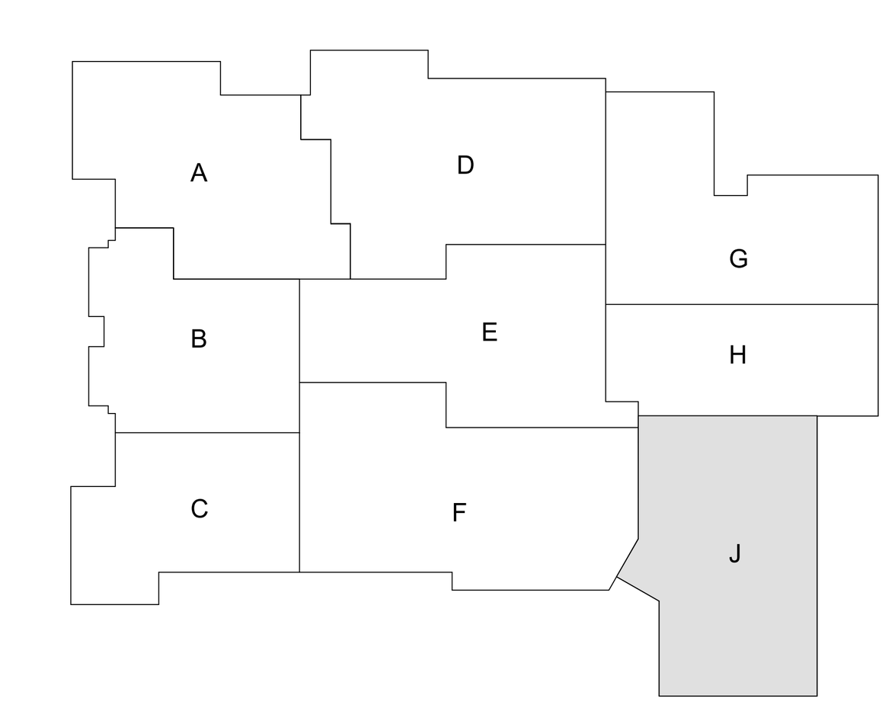
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 8" STORM CONDUCTOR DOWN.
2. 4" STORM CONDUCTOR DOWN.



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

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

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	GAC	DED

DRAWING TITLE:
UNDERSLAB PLAN - UNIT J - PLUMBING

CERTIFIED BY:
JOSEPH C. BECKER
REGISTERED
No. 10505141
STATE OF INDIANA
PROFESSIONAL ENGINEER
1/ 26/ 2024

DRAWING NUMBER
P101J

PROJECT NUMBER
2022016

RENOVATION LEGEND:

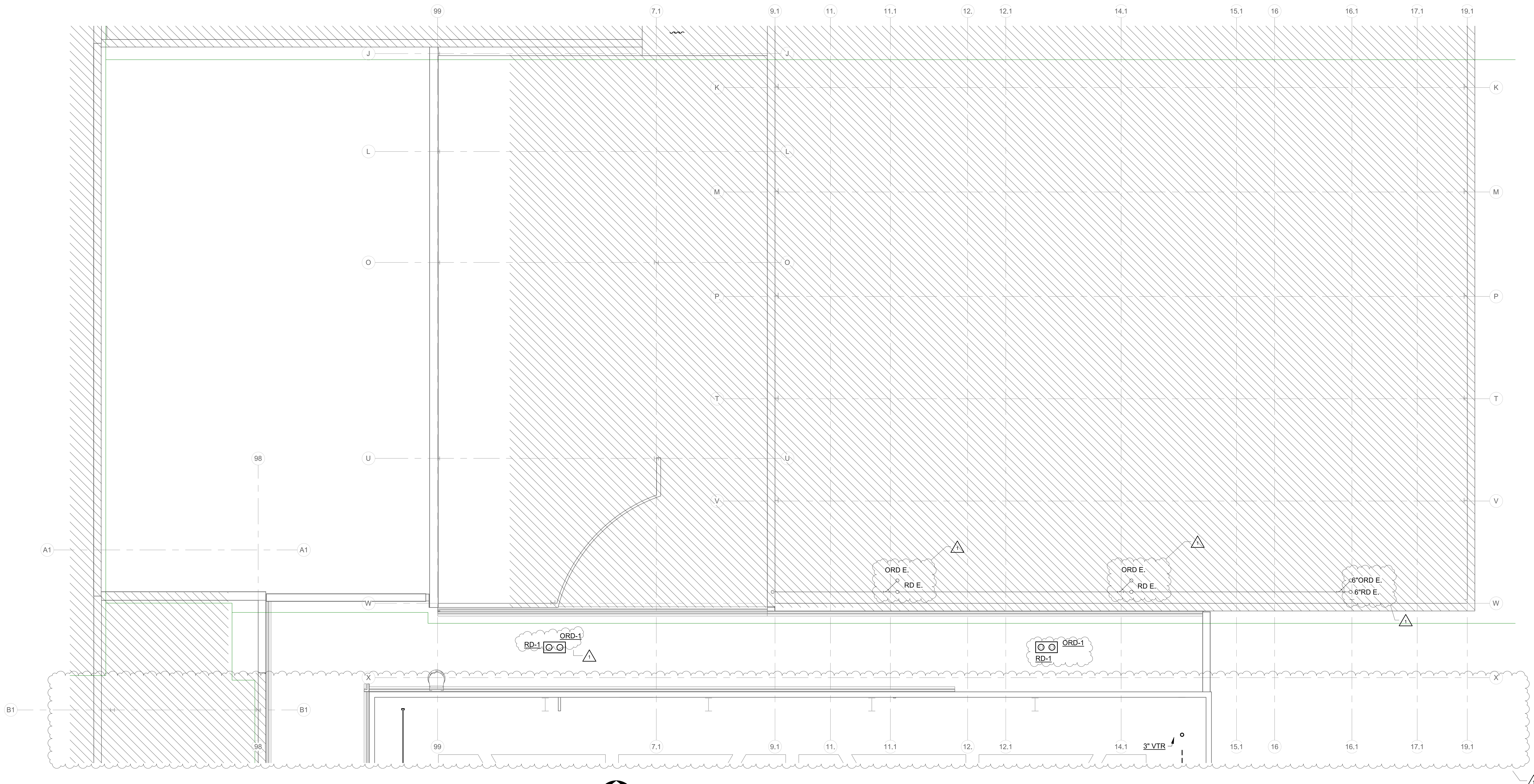
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

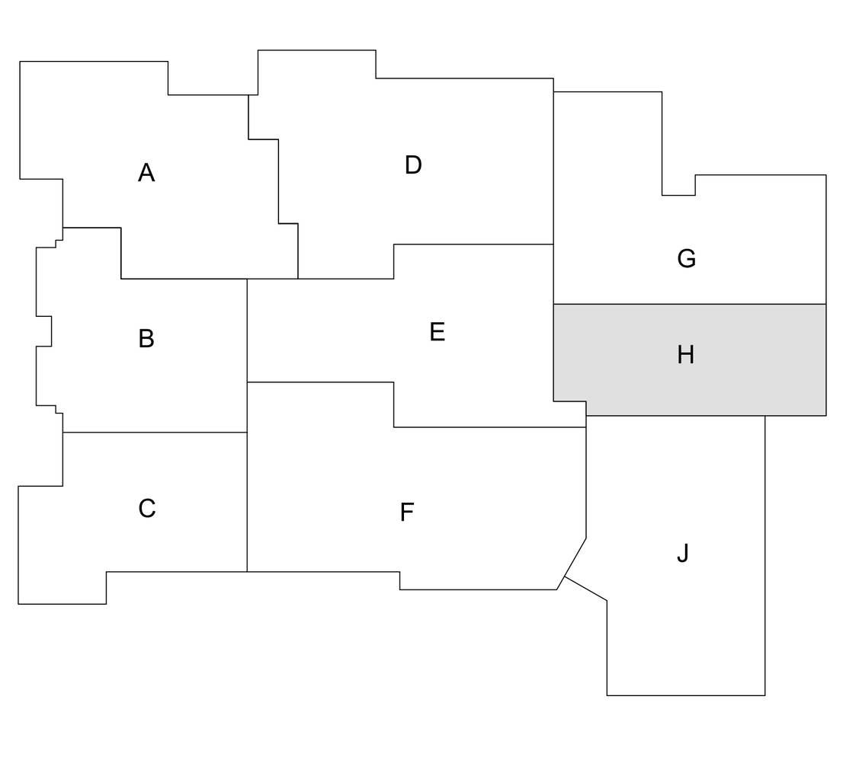
1. 8" STORM CONDUCTOR DOWN.
2. 4" STORM CONDUCTOR DOWN.



FIRST FLOOR PLAN - UNIT H - PLUMBING

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

NORTH



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

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	2024-02-15

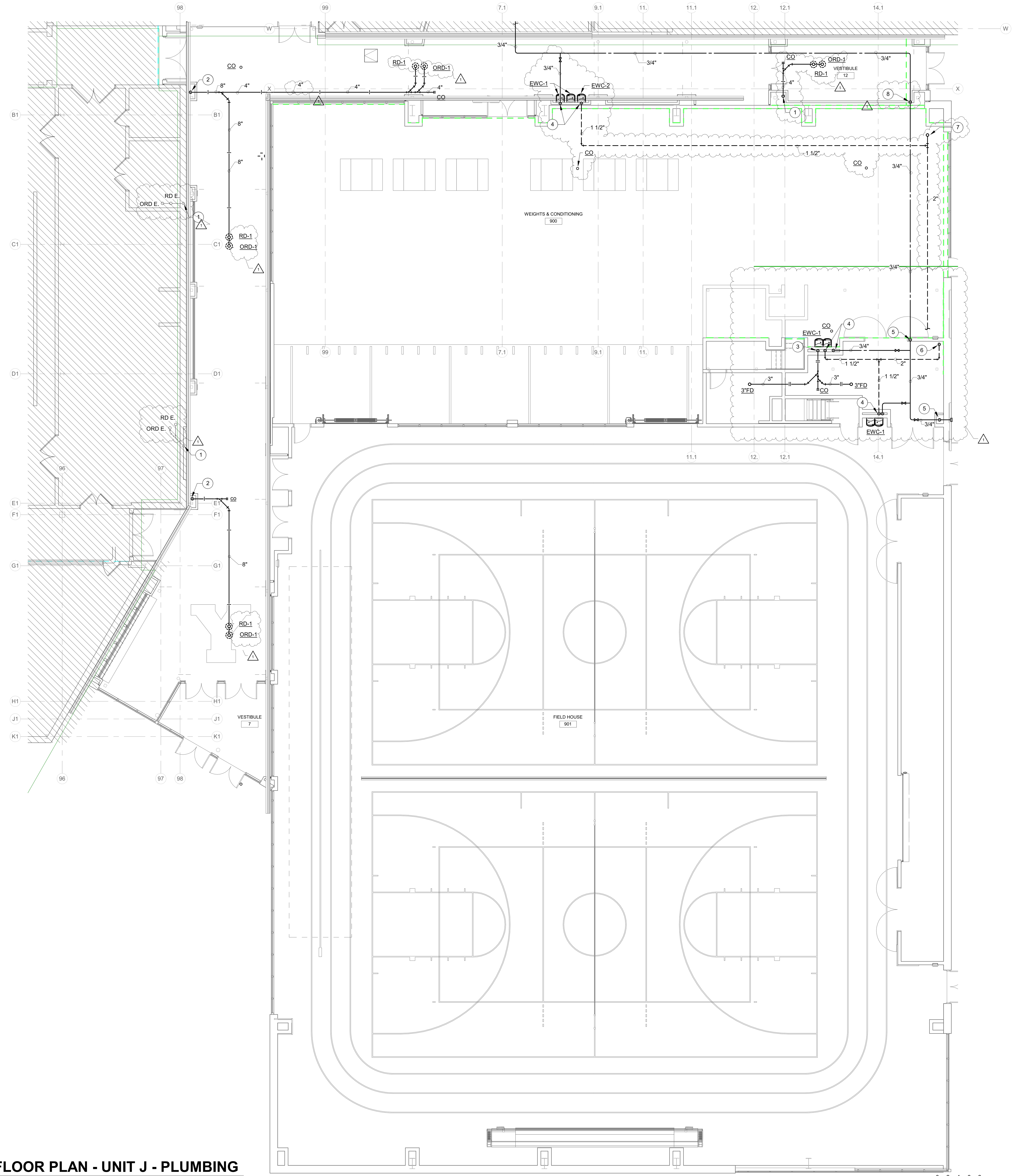
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	GAC	DED

DRAWING TITLE:
FIRST FLOOR PLAN - UNIT H - PLUMBING

CERTIFIED BY:
JOSEPH C. BECKER REGISTERED No. 10505141 STATE OF INDIANA PROFESSIONAL ENGINEER
1/26/2024

DRAWING NUMBER
P201H

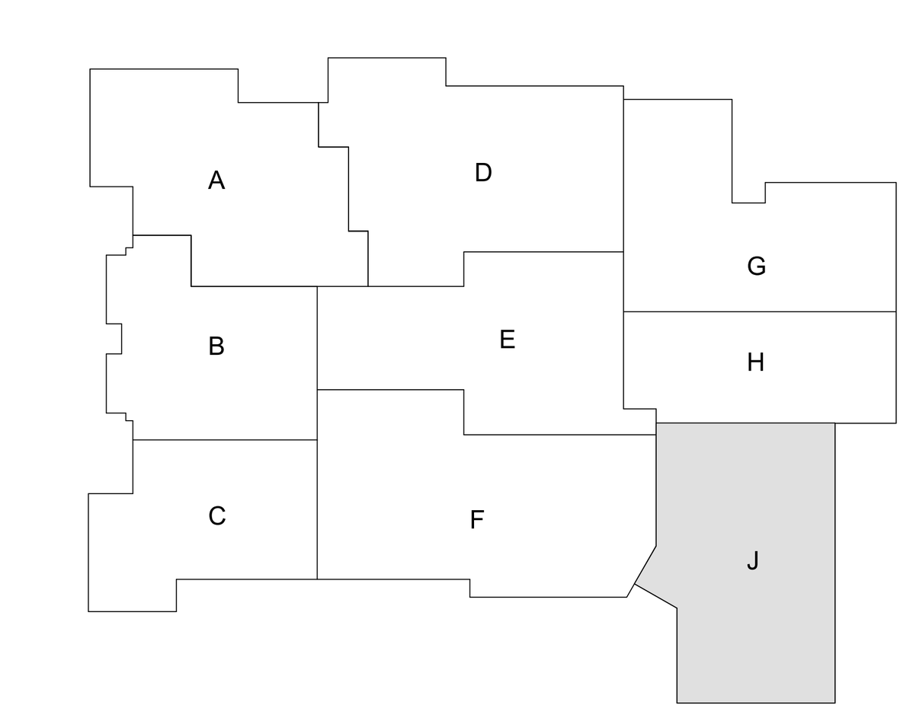
PROJECT NUMBER
2022016



FIRST FLOOR PLAN - UNIT J - PLUMBING

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

NORTH



RENOVATION LEGEND:

- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 4" STORM CONDUCTOR DOWN.
2. 8" STORM CONDUCTOR DOWN.
3. 3" WASTE DOWN.
4. 3/4" COLD WATER, 1 1/2" WASTE DOWN, 1 1/2" VENT UP.
5. 3/4" WATER DOWN
6. 2" VENT UP.
7. 3" VENT THROUGH ROOF.
8. 3/4 COLD WATER UP.

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

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

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	GAC	DED

DRAWING TITLE:
FIRST FLOOR PLAN - UNIT J - PLUMBING

CERTIFIED BY:
JOSEPH C. BECKER
REGISTERED No. 10505141
STATE OF INDIANA
PROFESSIONAL ENGINEER
1/26/2024

DRAWING NUMBER
P201J

PROJECT NUMBER
2022016

RENOVATION LEGEND:

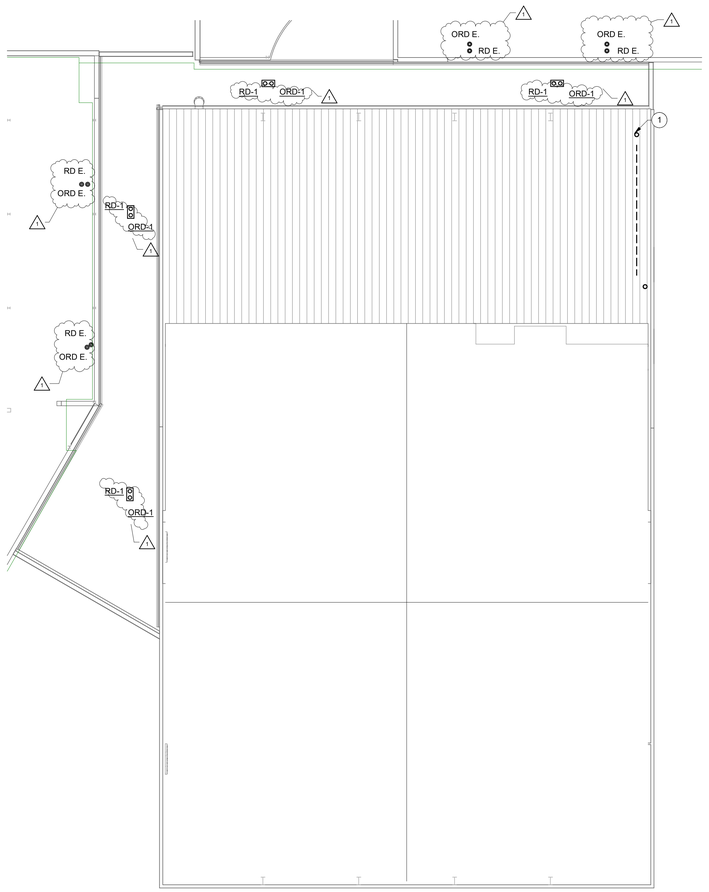
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

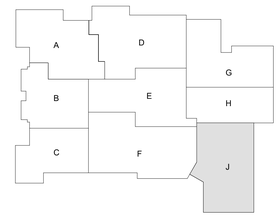
1. 3" VENT THROUGH ROOF.



ROOF PLAN - UNIT J - PLUMBING

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

NORTH



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PROJECT:

YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

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 the satisfactory and complete execution 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

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	Author	Checker

DRAWING TITLE:

PARTIAL ROOF PLAN - PLUMBING

CERTIFIED BY:

JOSEPH C. BECKER
REGISTERED
No. 10505141
STATE OF INDIANA
PROFESSIONAL ENGINEER
1/26/2024

DRAWING NUMBER

P222

PROJECT NUMBER

2022016

RENOVATION LEGEND:

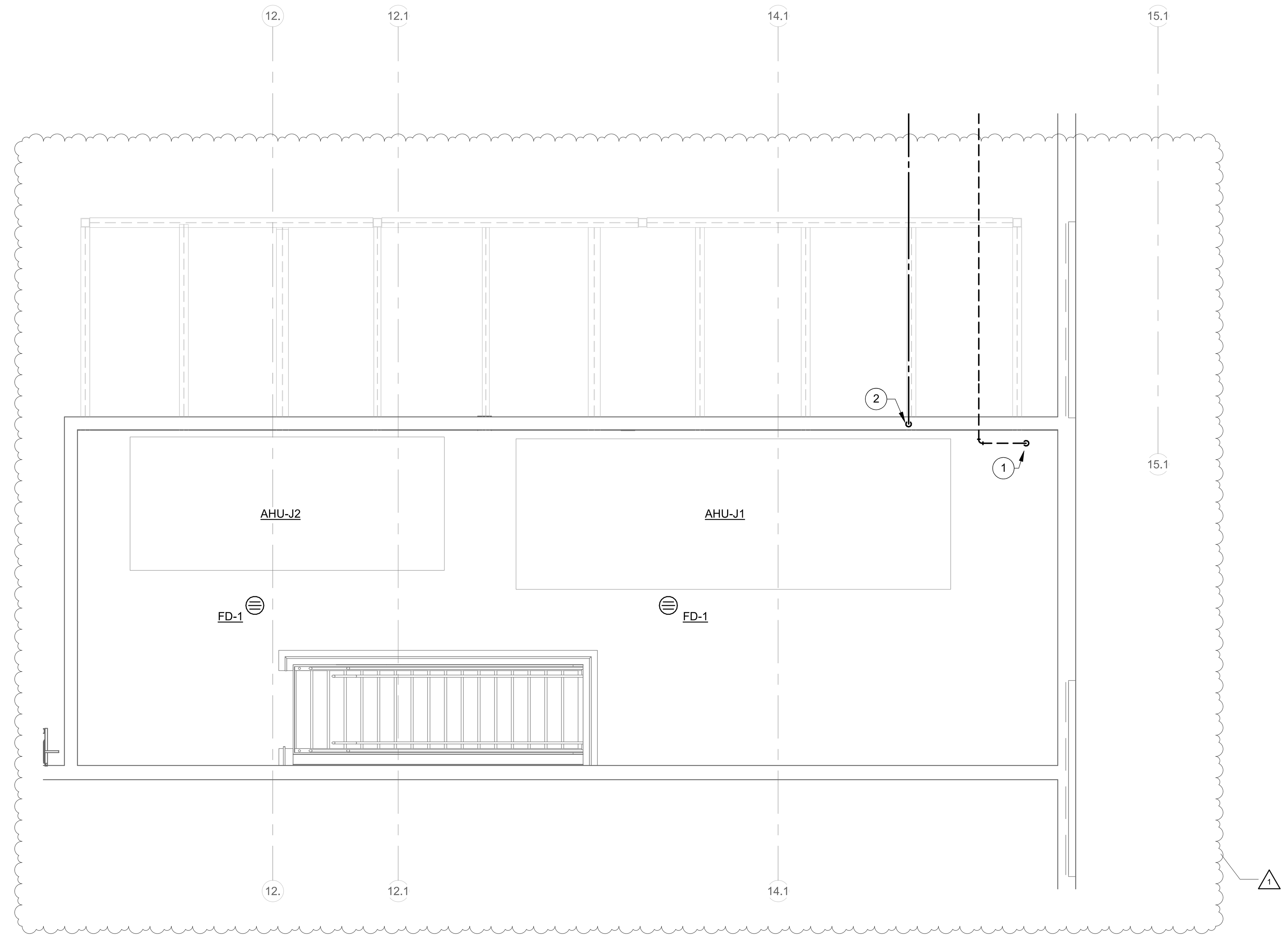
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING PM001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. 2" VENT UP.
2. 3/4" COLD WATER DOWN.



ENLARGED MEZZANINE MECHANICAL ROOM - UNIT J - PLUMBING

NORTH

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

0 2 4 6 8 16 24 32

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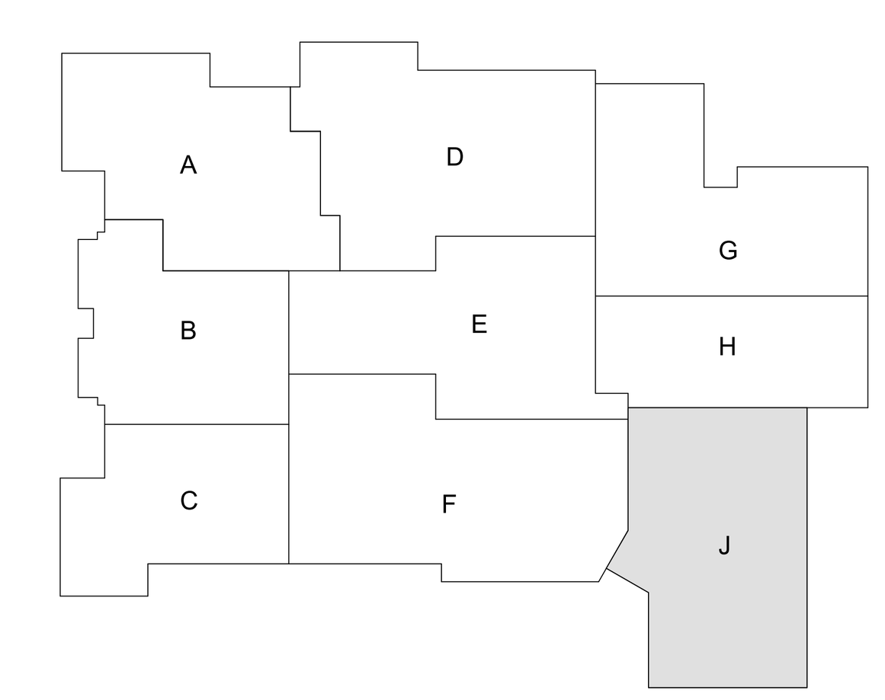

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DA#22043

PROJECT:

YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

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

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	Author	Checker

DRAWING TITLE:

ENLARGED MECHANICAL MEZZANINE ROOM - UNIT J - PLUMBING

CERTIFIED BY:

JOSEPH C. BECKER REGISTERED No. 10505141 STATE OF INDIANA PROFESSIONAL ENGINEER

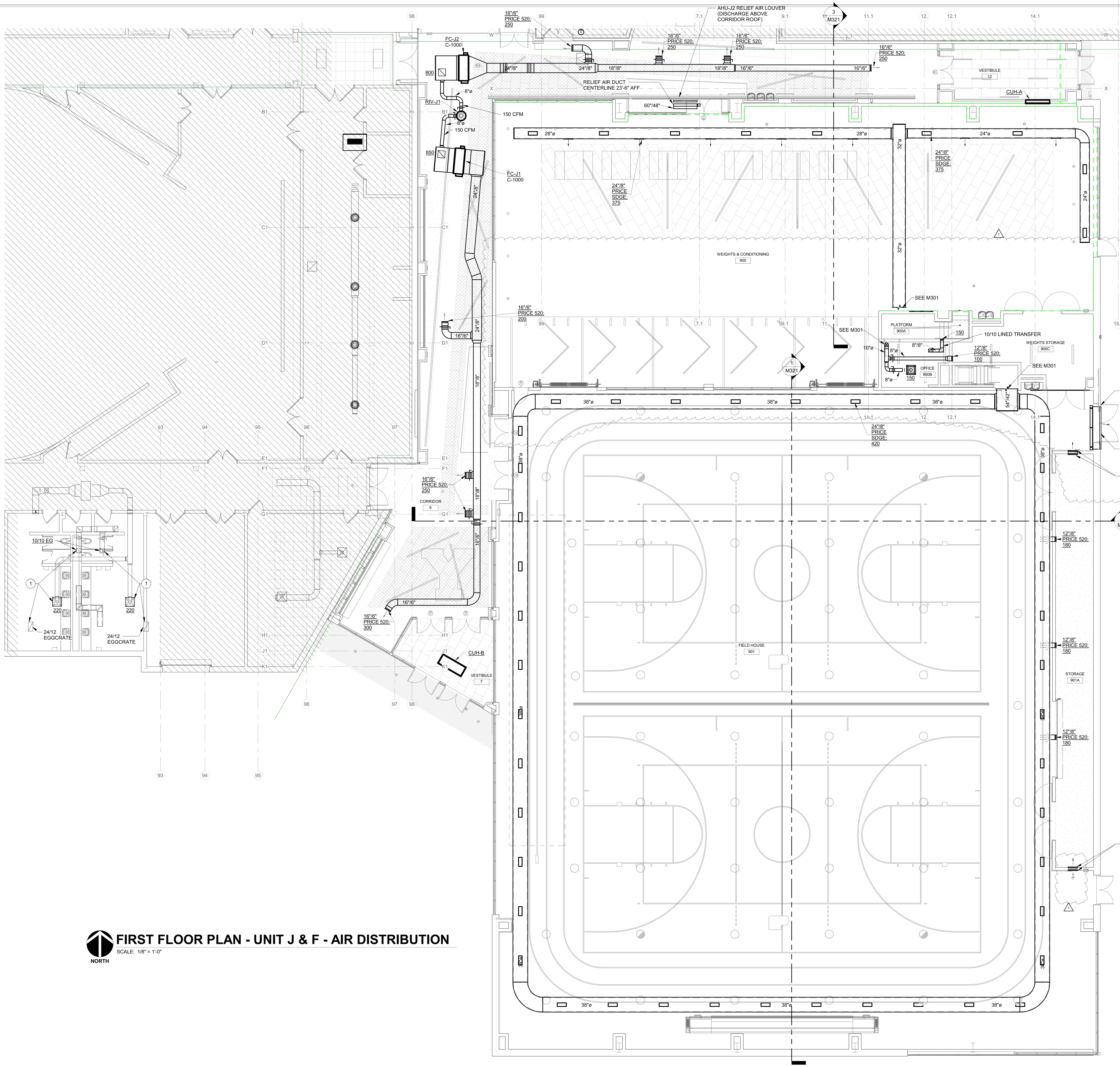
1/26/2024

DRAWING NUMBER

P301J

PROJECT NUMBER

2022016



FIRST FLOOR PLAN - UNIT J & F - AIR DISTRIBUTION

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

NORTH

RENOVATION LEGEND:

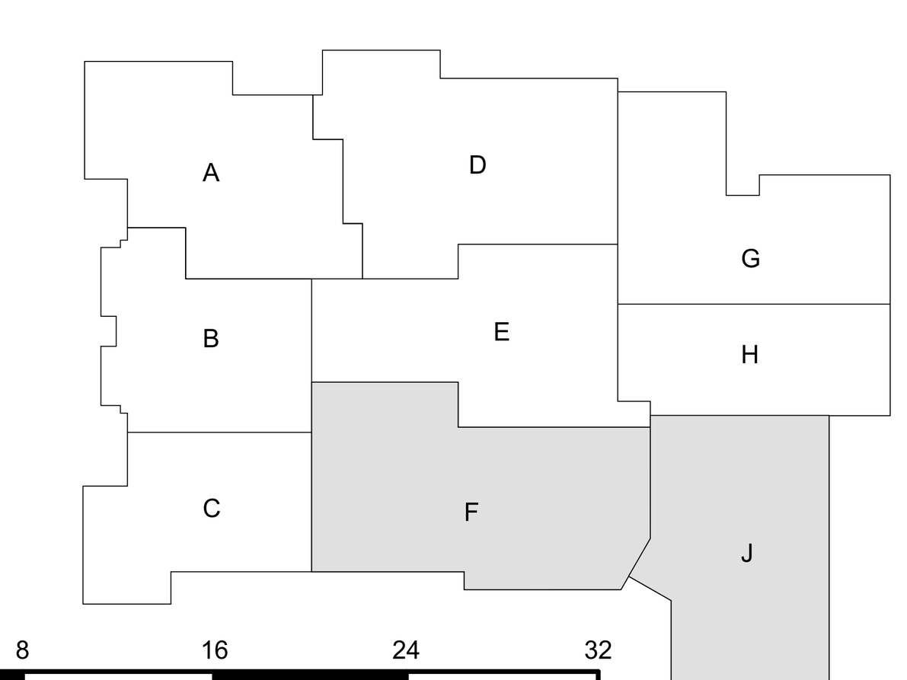
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES - AIR DISTRIBUTION:

1. ALL SUPPLY AIR DUCTWORK WITHIN THE FIELDHOUSE AND WEIGHT ROOM SHALL BE DUAL WALL DUCTWORK WITH PAINTGRIP FINISH.
2. SEE M201A FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. REPLACE EXISTING DIFFUSER/GRILLE WITH NEW DIFFUSER/GRILLE AND RECONNECT TO DUCTWORK.



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1 2 3 4

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DA#22043
R.E. Dimond and Associates, Inc.
Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone: (317) 634-4672
Fax: (317) 638-8725

PROJECT:

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

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

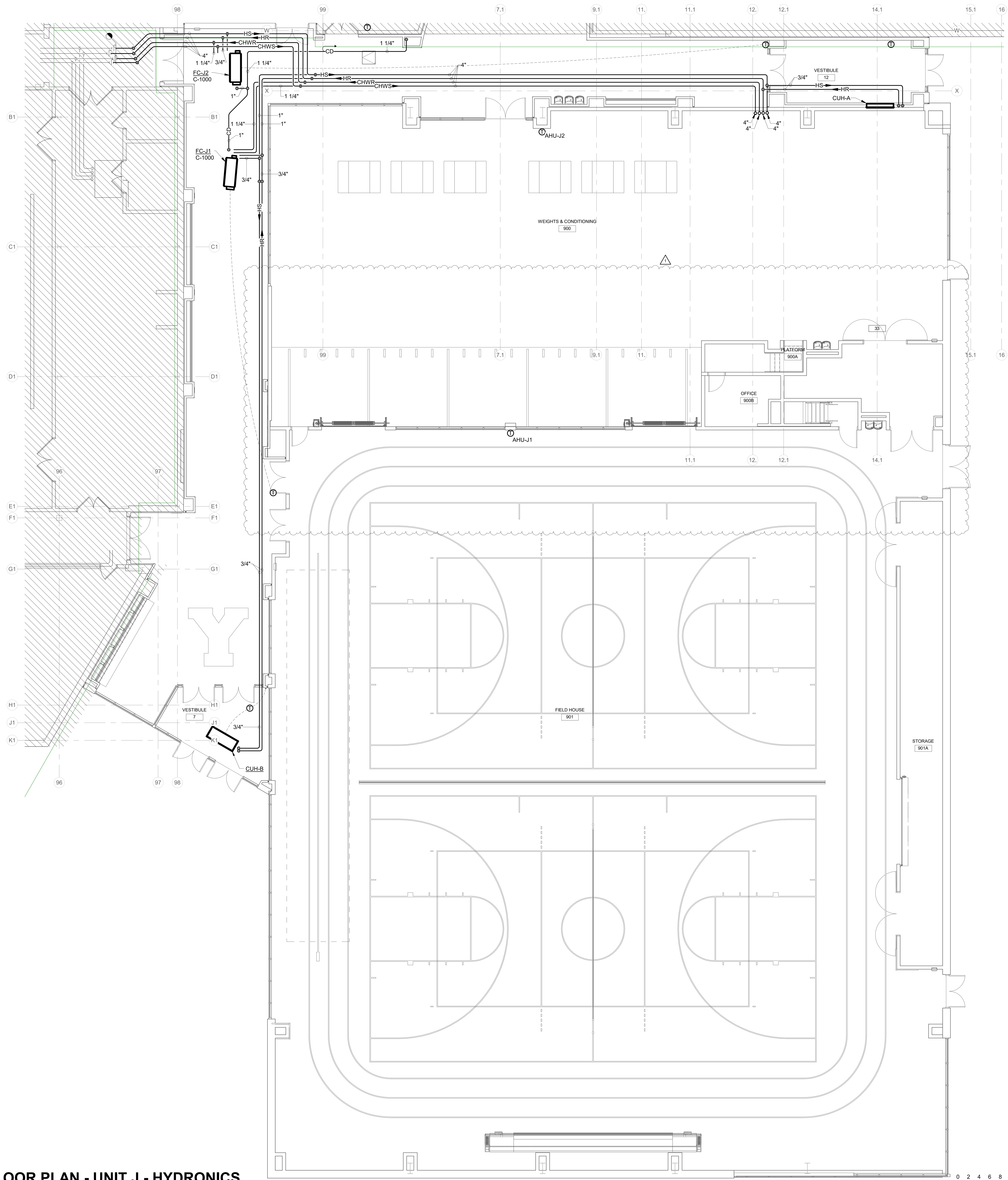
ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	JCB	JCB

DRAWING TITLE:
FIRST FLOOR PLAN - UNIT J & F - AIR DISTRIBUTION

CERTIFIED BY:
JOSEPH C. BECKER
REGISTERED
No. 10505141
STATE OF INDIANA
PROFESSIONAL ENGINEER
1/26/2024

DRAWING NUMBER
M201J

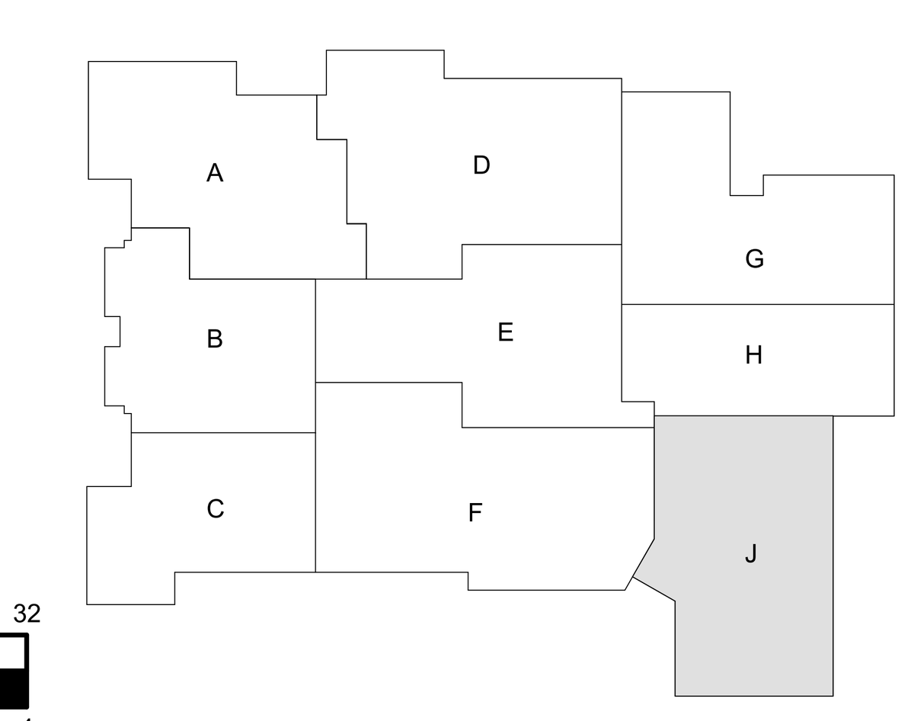
PROJECT NUMBER
2022016



FIRST FLOOR PLAN - UNIT J - HYDRONICS

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

NORTH



RENOVATION LEGEND:

WORK TO BE INSTALLED

WORK TO REMAIN

GENERAL NOTES - HYDRONICS:

1. SEE SHEET M211J FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

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PROJECT:
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REVISIONS:

1	Addendum #1	2024-02-15

ISSUE DATE	DRAWN BY	CHECKED BY
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DRAWING TITLE:
FIRST FLOOR PLAN - UNIT J - HYDRONICS

CERTIFIED BY:
JOSEPH C. BECKER
REGISTERED
No. 10505141
STATE OF INDIANA
PROFESSIONAL ENGINEER
1/26/2024

DRAWING NUMBER
M211J

PROJECT NUMBER
2022016

RENOVATION LEGEND:

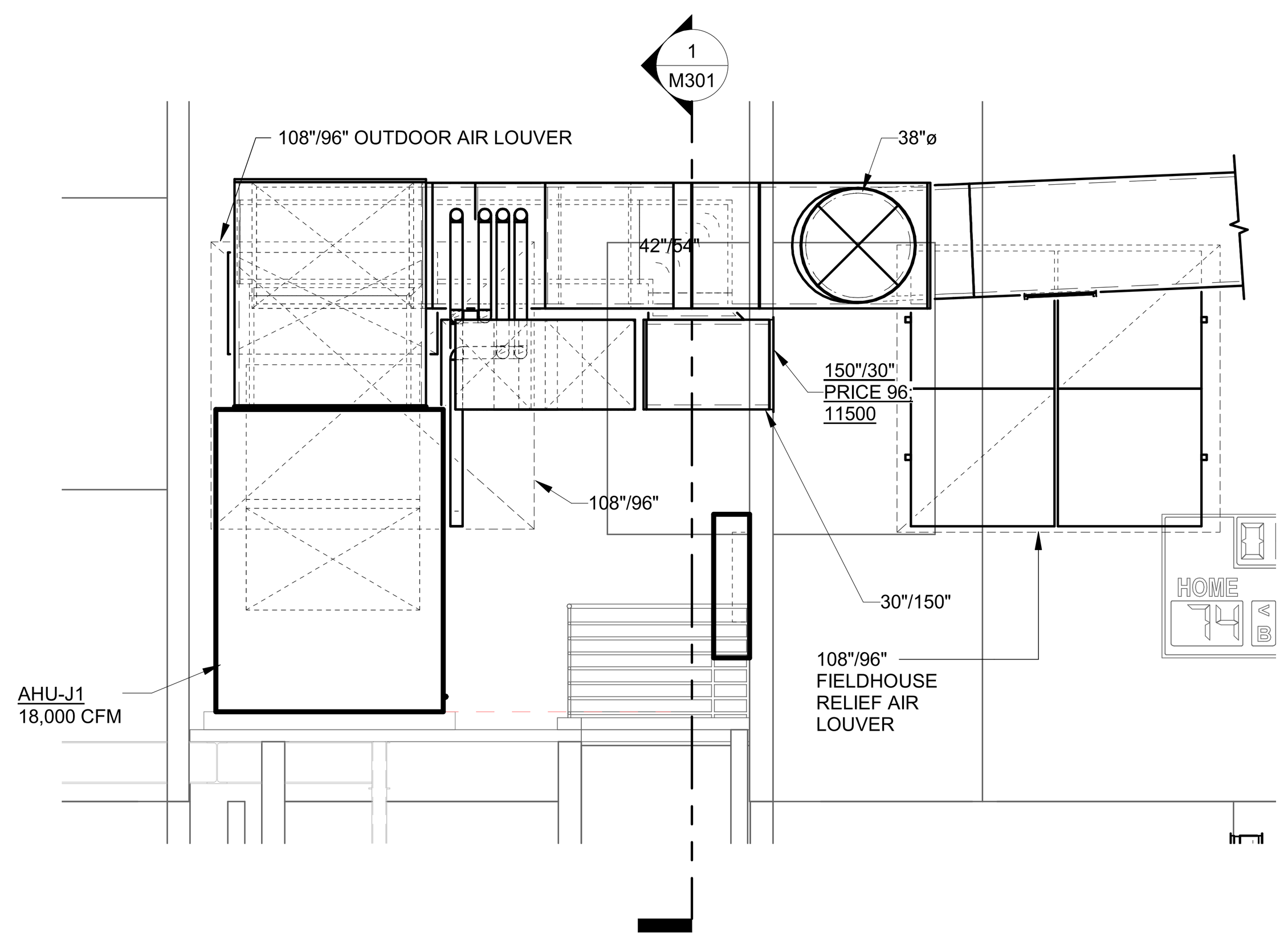
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES:

1. --

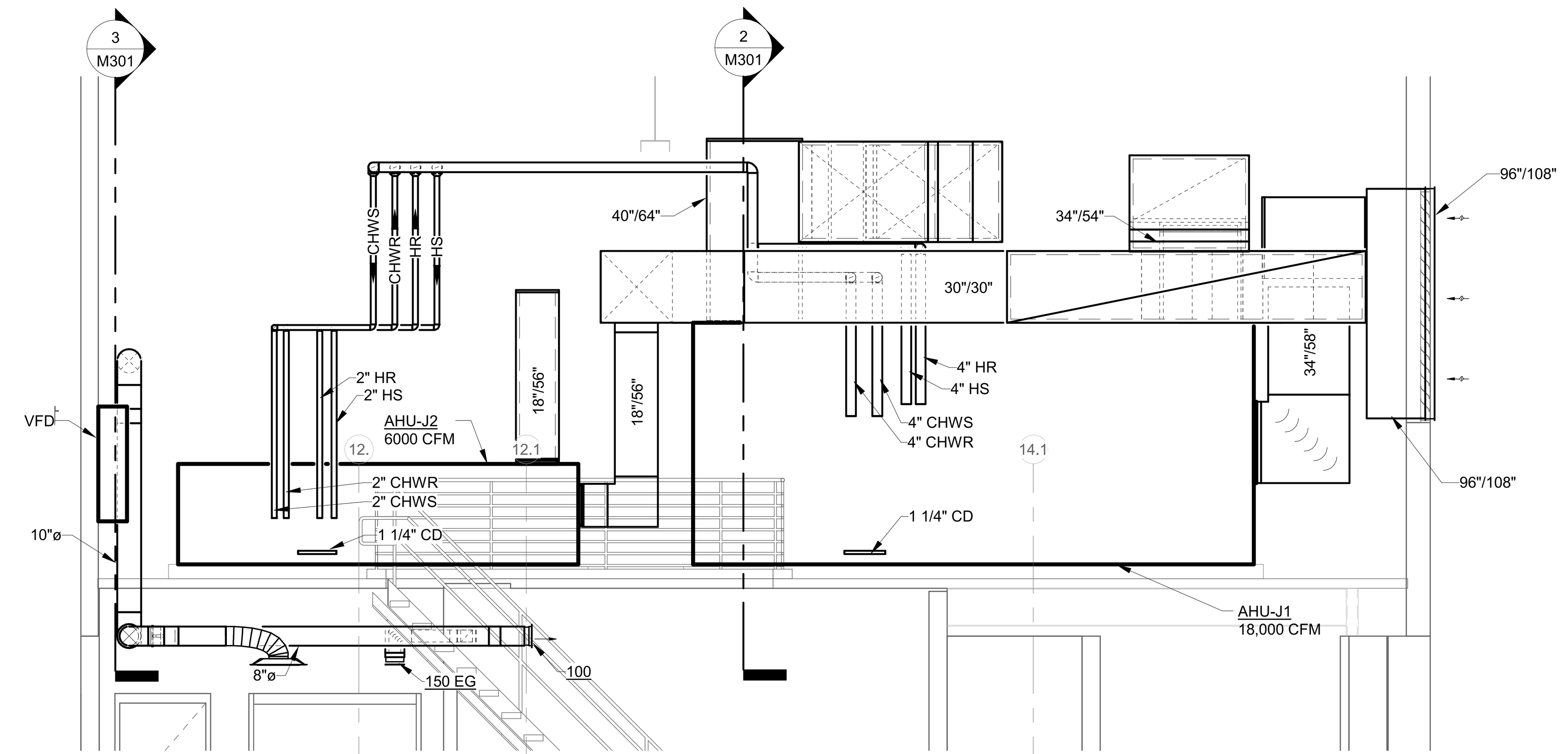
PLAN NOTES:

1. --



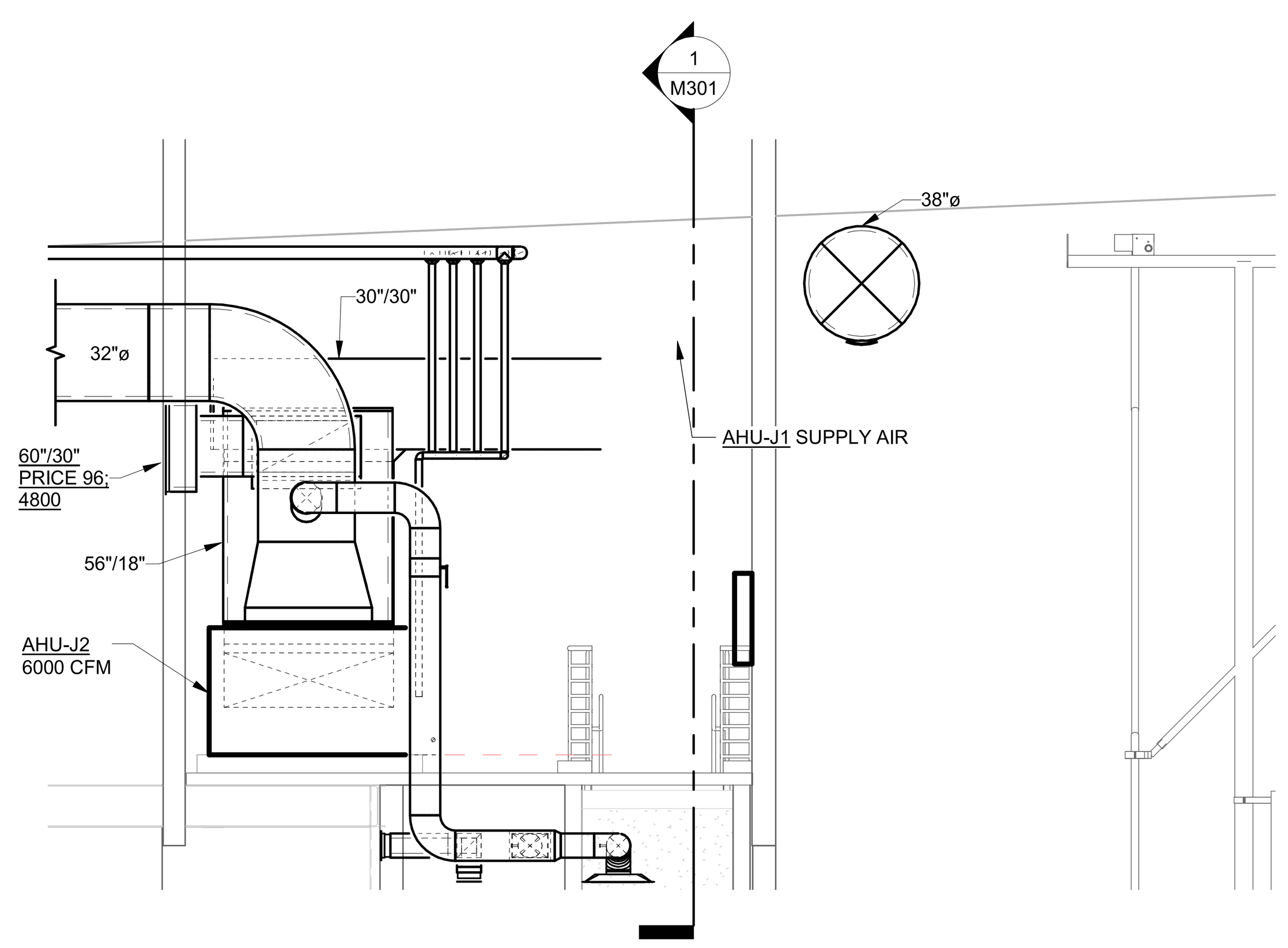
2 MEZZANINE MECHANICAL ROOM SECTION - UNIT J

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



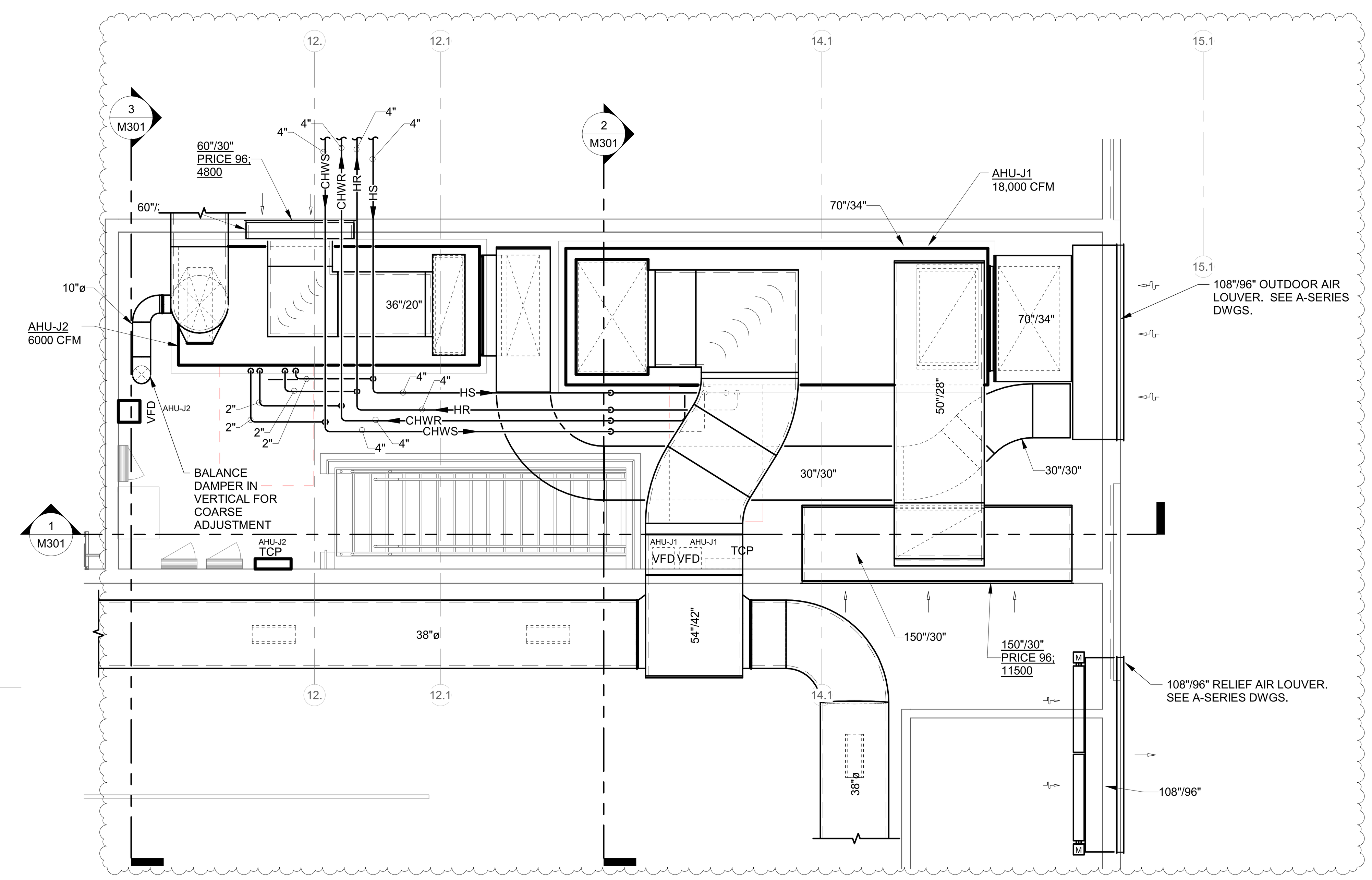
1 MEZZANINE MECHANICAL ROOM SECTION - UNIT J

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



3 MEZZANINE MECHANICAL ROOM SECTION - UNIT J

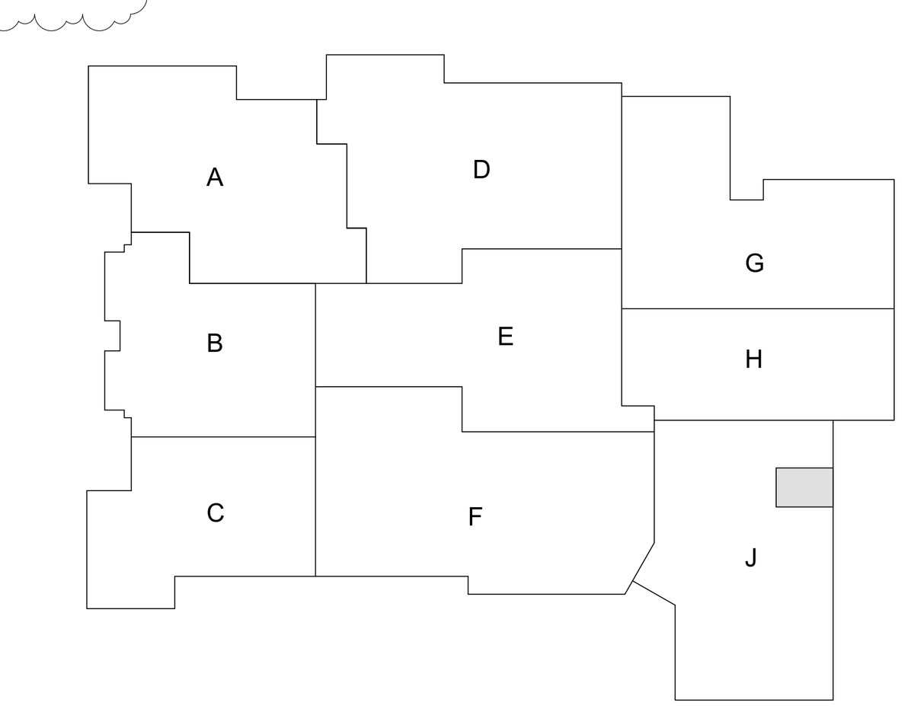
SCALE: 1/4" = 1'-0"



ENLARGED MEZZANINE MECHANICAL ROOM - UNIT J

NORTH

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



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PROJECT:

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

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REVISIONS:

1	Addendum #1	2024-02-15

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

DRAWING TITLE:

ENLARGED MEZZANINE MECHANICAL ROOM - UNIT J - MECHANICAL

CERTIFIED BY:

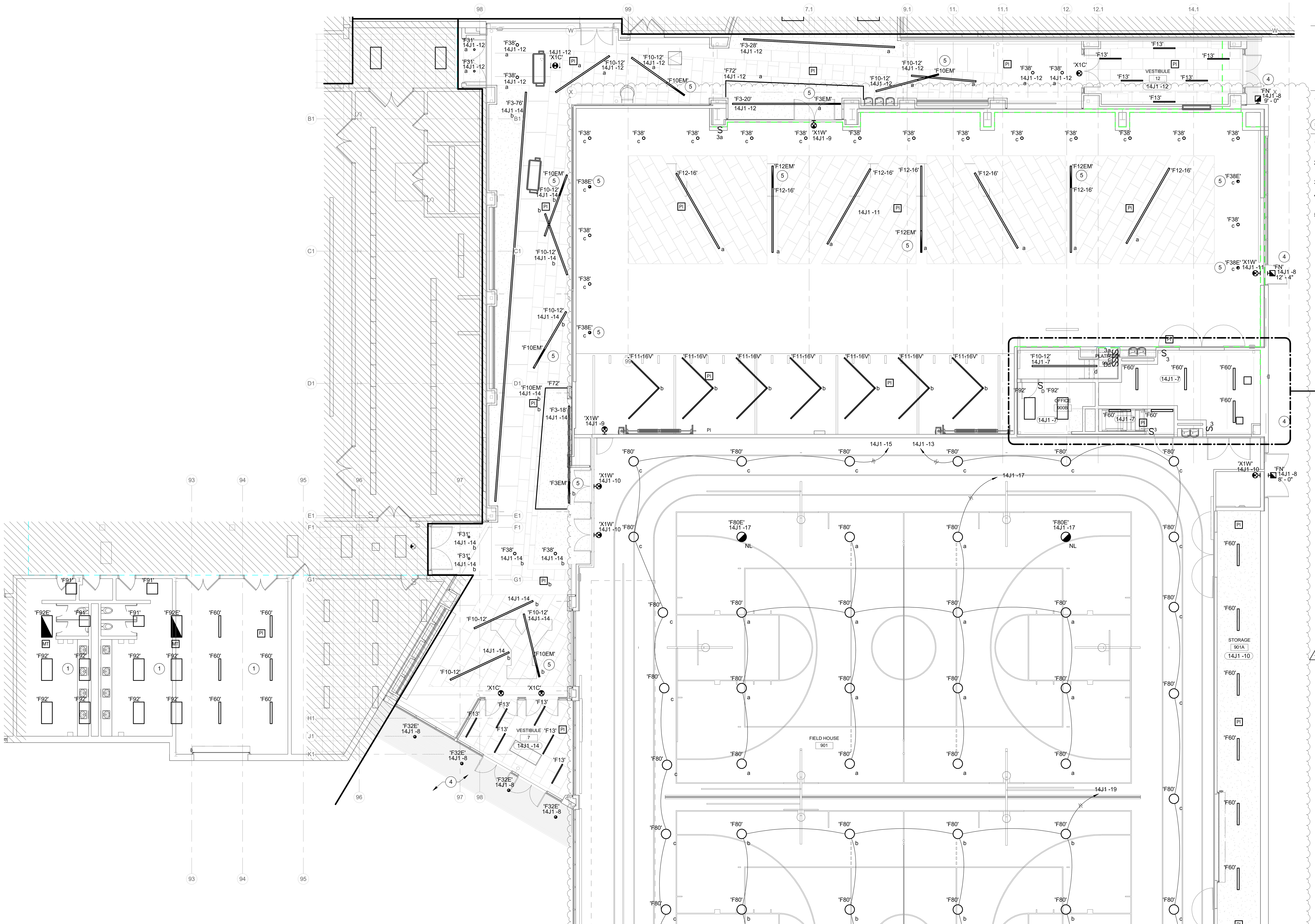
JOSEPH C. BECKER
REGISTERED
No. 10505141
STATE OF
INDIANA
PROFESSIONAL ENGINEER
1/ 26/ 2024

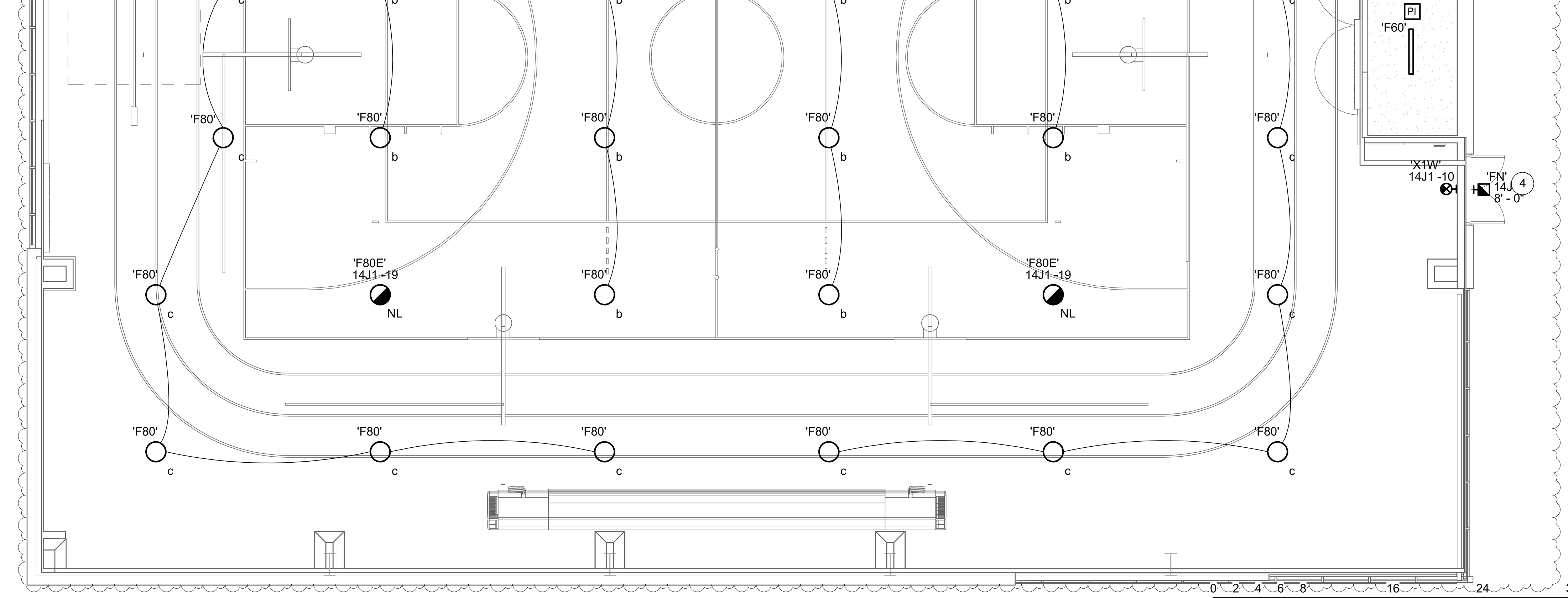
DRAWING NUMBER

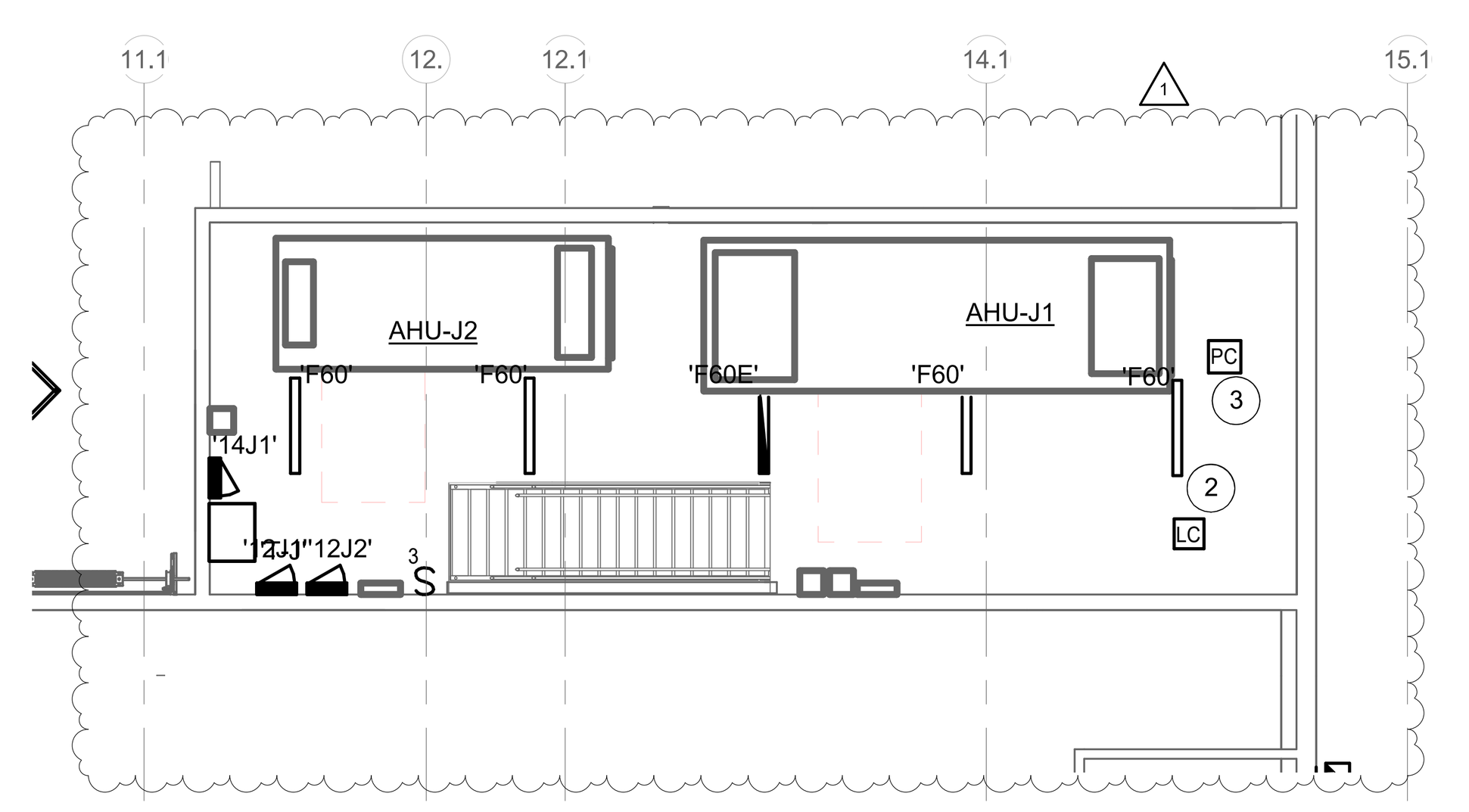
M301

PROJECT NUMBER

2022016







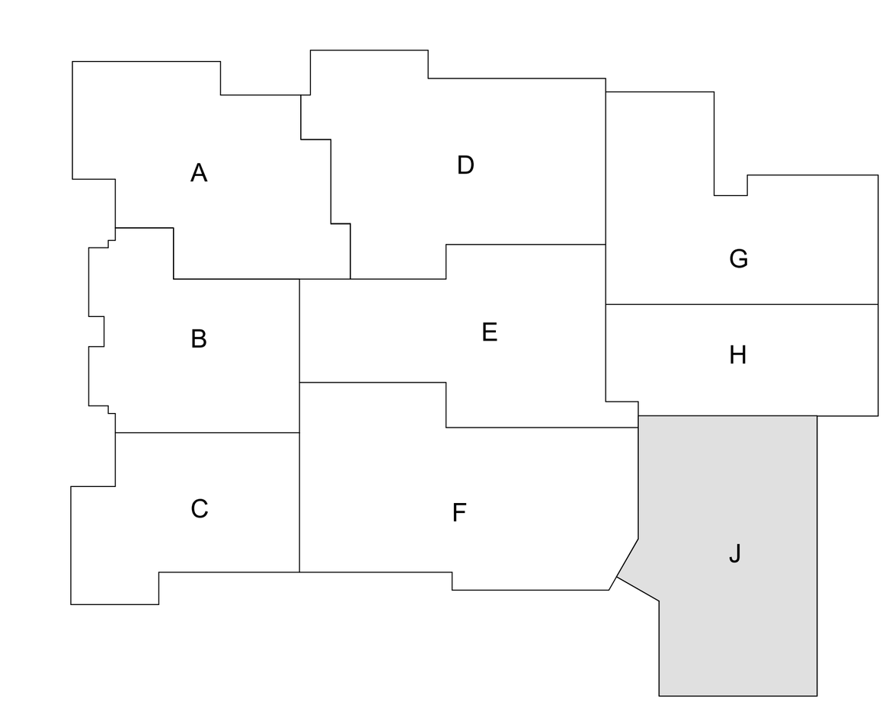
A **MEZZANINE FLOOR PLAN - UNIT J - LIGHTING**

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

FIRST FLOOR PLAN - UNIT J - LIGHTING

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

NORTH



RENOVATION LEGEND:

- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. CONNECT NEW FIXTURES TO EXISTING LIGHTING CIRCUIT IN THIS SPACE.
2. LIGHTING CONTRACTOR FOR EXTERIOR LIGHTING CONTROL. SEE SCHEMATIC ON DRAWING E401.
3. PHOTOCELL ON ROOF TO CONTROL CONTACTOR.
4. EXTERIOR LIGHTING CONTROLLED BY CONTACTOR. CONNECT BATTERY INVERTER TO UNSWITCHED LEG OF CIRCUIT.
5. CONNECT EMERGENCY BATTERY INVERTER TO UNSWITCHED LEG OF CIRCUIT.

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PROJECT:

YORKTOWN HIGH SCHOOL ADDITIONS AND RENOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

SCOPE DRAWINGS:

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REVISIONS:

1	Addendum #1	2024-02-15

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

DRAWING TITLE:

FIRST FLOOR PLAN - UNIT J & F - LIGHTING

CERTIFIED BY:

AARON J. SCHIPP REGISTERED No. PE10504720 STATE OF INDIANA PROFESSIONAL ENGINEER

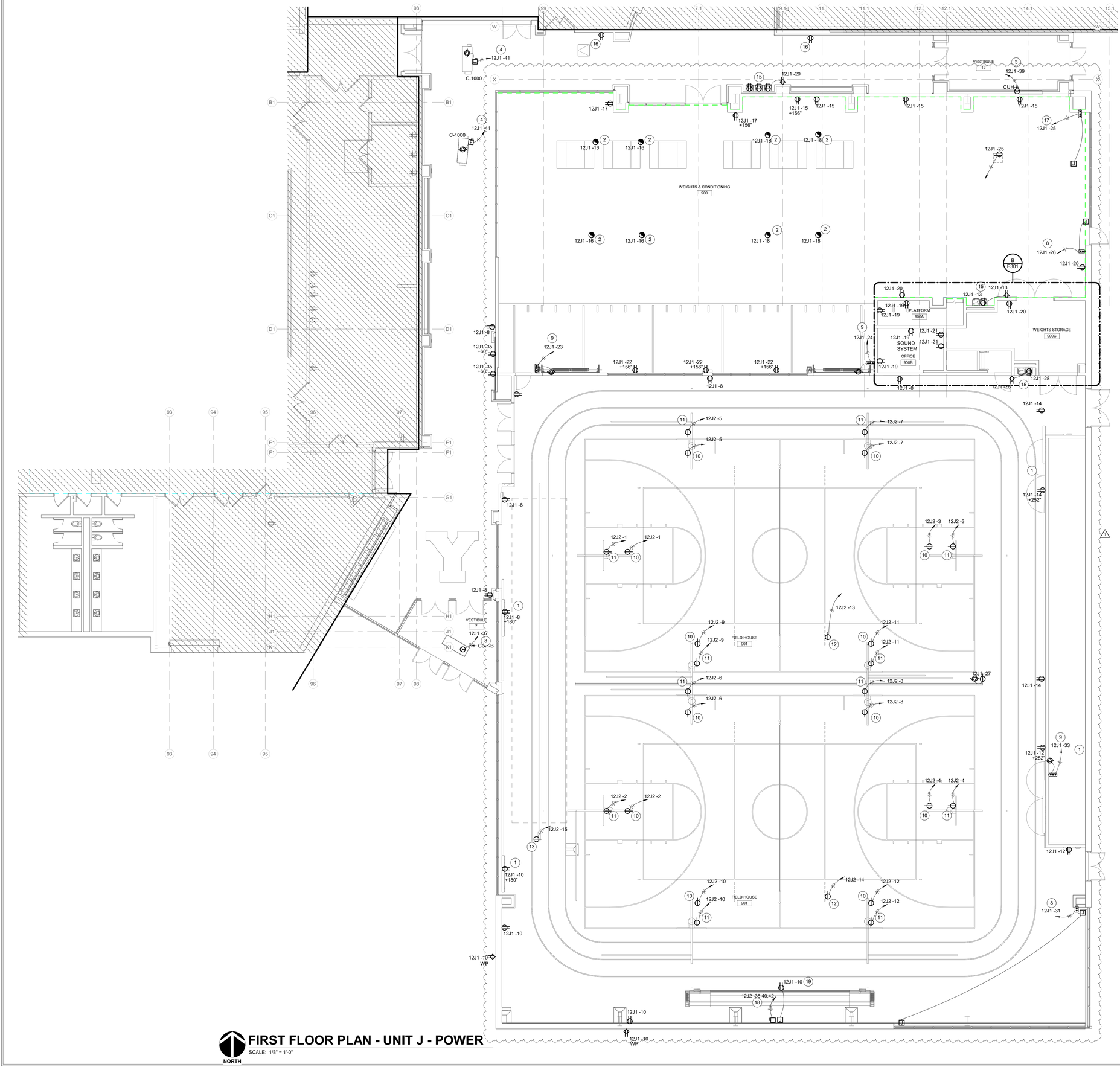
1/26/2024

DRAWING NUMBER

E201J

PROJECT NUMBER

2022016



RENOVATION LEGEND:

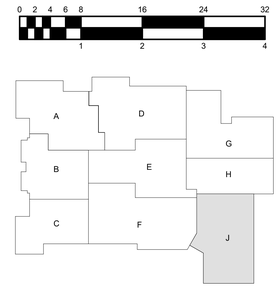
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

PLAN NOTES:

1. PROVIDE RECEPTACLE FOR SCOREBOARD.
2. CORD REEL, SUPPORT FROM STRUCTURE.
3. CONNECT CIRCUIT INDICATED TO MANUFACTURER SUPPLIED DISCONNECT SWITCH.
4. PROVIDE A 120V, 30A FUSED DISCONNECT IN A NEMA 1 ENCLOSURE. FUSE AT 15 AMPS.
5. PROVIDE CIRCUIT INDICATED FOR MECHANICAL UNIT LIGHTS. COORDINATE CONNECTION POINT WITH MANUFACTURER.
6. E.C. TO INSTALL VFD FURNISHED BY TCC.
7. PROVIDE CIRCUIT INDICATED FOR TEMPERATURE CONTROL PANEL.
8. PROVIDE CIRCUIT INDICATED FOR MOTORIZED ROLLER SHADES. COORDINATE CONTROLS WITH SHADE MANUFACTURER.
9. PROVIDE CIRCUIT INDICATED FOR OVERHEAD DOOR. PROVIDE 3/4" CONDUIT TO CONTROL LOCATION.
10. PROVIDE NEMA 14-20R RECEPTACLE FOR HOIST. (3#12, 1#12GND, 3/4"C.).
11. PROVIDE NEMA 14-20R RECEPTACLE FOR HEIGHT ADJUSTMENT. (3#12, 1#12GND, 3/4"C.).
12. PROVIDE NEMA 14-20R RECEPTACLE FOR VOLLEYBALL NET HOIST. (3#12, 1#12GND, 3/4"C.).
13. PROVIDE NEMA 14-20R RECEPTACLE FOR DIVIDER CURTAIN. (3#12, 1#12GND, 3/4"C.).
14. PROVIDE NEMA 14-20R RECEPTACLE FOR BATTING CAGE NET. (3#12, 1#12GND, 3/4"C.).
15. CONNECT RECEPTACLE BEHIND WATER COOLER TO LOAD SIDE OF GFCI RECEPTACLE INDICATED.
16. EXISTING RECEPTACLE RELOCATED TO FACE OF NEW WALL.
17. PROVIDE CONTROLS AND CIRCUIT FOR MOTORIZED PROJECTION SCREEN.
18. PROVIDE A 208V, 30A, 3P FUSED DISCONNECT IN AN NEMA 1 ENCLOSURE FOR MOTORIZED BLEACHERS. FUSE AT 30 AMPS. COORDINATE EXACT LOCATION WITH BLEACHER MANUFACTURER REQUIREMENTS. CONNECT TO CONTROL BOX.
19. INSTALL RECEPTACLE IN FACE OF MOTORIZED BLEACHERS AT LOWEST LEVEL. VERIFY REQUIREMENTS WITH BLEACHERS INSTALLER PRIOR TO ROUGH-IN. PROVIDE PROPER TRAVELING CABLE AND SUPPORT AS REQUIRED.



FIRST FLOOR PLAN - UNIT J - POWER

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

NORTH

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PROJECT:

YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

SCOPE DRAWINGS:

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REVISIONS:

1	Addendum #1	2024-02-15

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

DRAWING TITLE:

FIRST FLOOR PLAN - UNIT J & F - POWER

CERTIFIED BY:

AARON J. SCHIPP
REGISTERED
No. PE10504720
STATE OF INDIANA
PROFESSIONAL ENGINEER
1/26/2024

DRAWING NUMBER

E211J

PROJECT NUMBER

2022016

RENOVATION LEGEND:

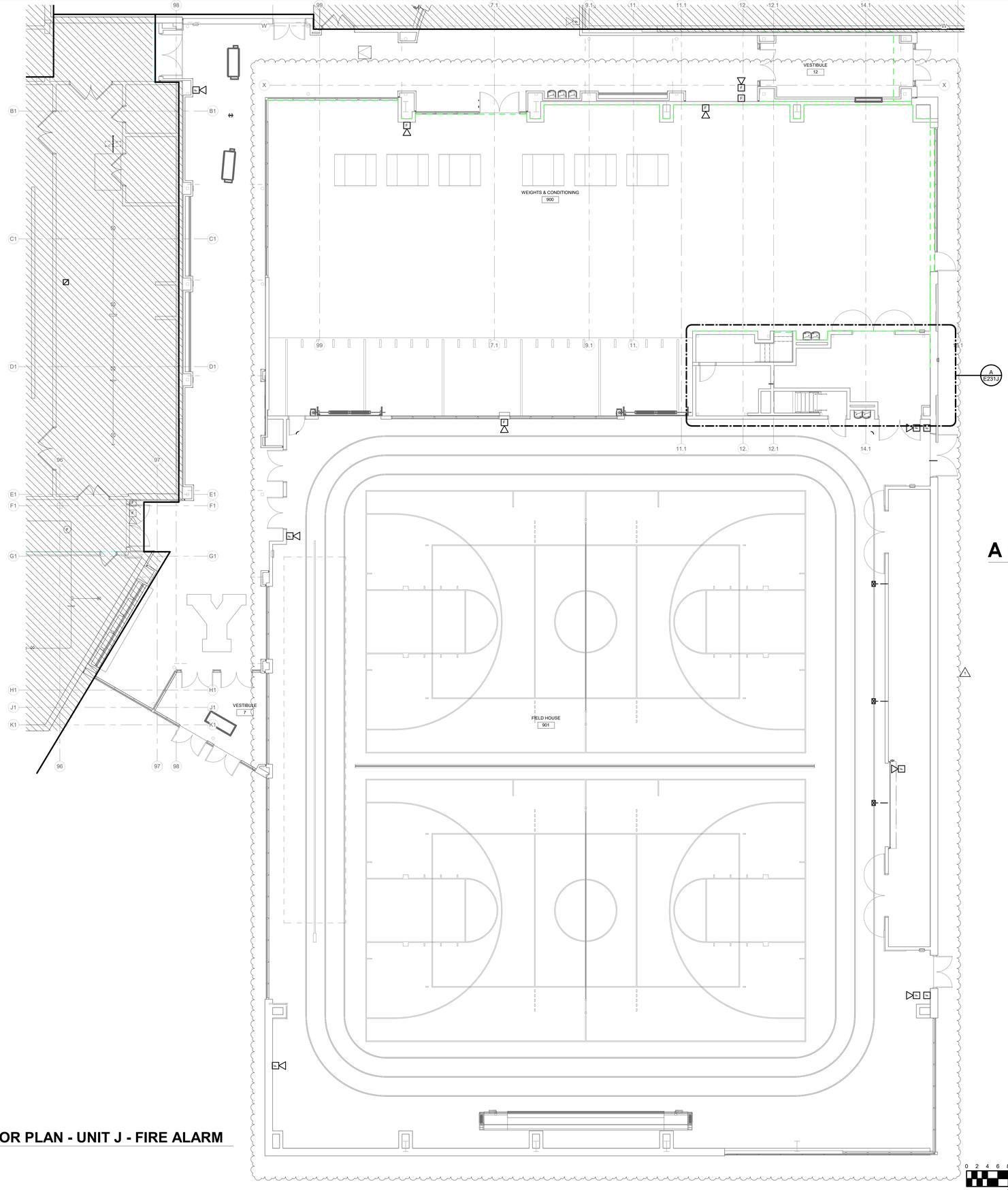
- WORK TO BE INSTALLED
- WORK TO REMAIN

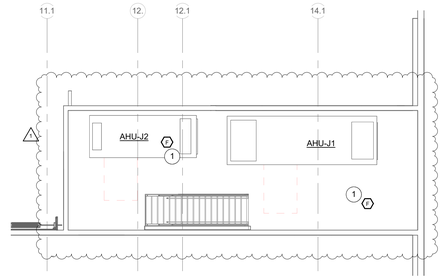
GENERAL NOTES:

1. REFER TO SHEET E001 FOR ADDITIONAL GENERAL NOTES.

(#) PLAN NOTES:

1. INSTALL DUCT DETECTOR IN RETURN DUCT OF AHU.





A MEZZANINE FLOOR PLAN - UNIT J - FIRE ALARM

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

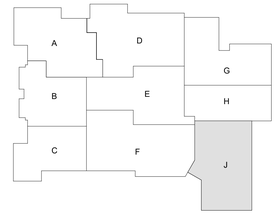
FIRST FLOOR PLAN - UNIT J - FIRE ALARM

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

NORTH

0 2 4 6 8 16 24 32

1 2 3 4



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PROJECT:

YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

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REVISIONS:

1	Addendum #1	2024-02-15

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

DRAWING TITLE:

FIRST FLOOR PLAN - UNIT J - FIRE ALARM

CERTIFIED BY:

AARON J. SCHMIDT REGISTERED No. PE10504720 STATE OF INDIANA PROFESSIONAL ENGINEER

1/26/2024

DRAWING NUMBER

E231J

PROJECT NUMBER

2022016

RENOVATION LEGEND:

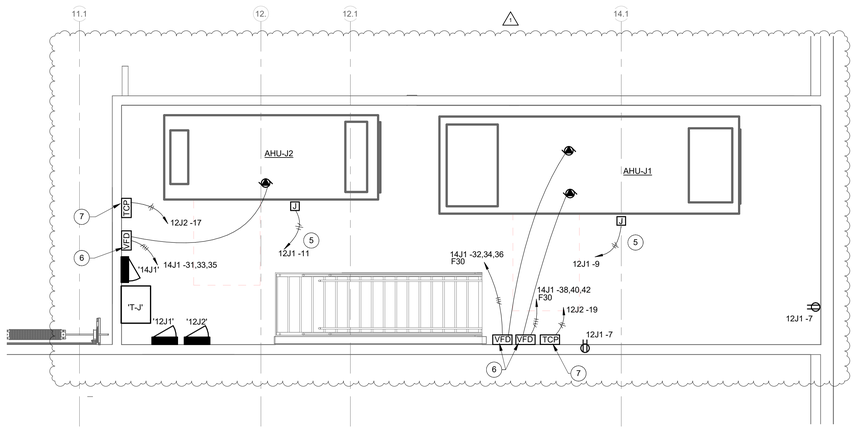
- WORK TO BE INSTALLED
- WORK TO REMAIN

GENERAL NOTES:

1. SEE E001 FOR GENERAL NOTES.

(#) PLAN NOTES:

1. PROVIDE CIRCUIT TO JUNCTION BOX ON UNIT FOR UNIT LIGHTS AND RECEPTACLES.



B MEZZANINE FLOOR PLAN - UNIT J - POWER

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

0 1 2 3 4 8 12 16
1 2 3 4

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PROJECT:

YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS

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REVISIONS:

1	Addendum #1	2024-02-15

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

DRAWING TITLE:

ENLARGED PLANS - ELECTRICAL

CERTIFIED BY:

AARON J. SCHMIDT
REGISTERED
No. PE10504720
STATE OF
INDIANA
PROFESSIONAL ENGINEER
1/26/2024

DRAWING NUMBER

E301

PROJECT NUMBER

2022016

INTERIOR LIGHT FIXTURE SCHEDULE

MARK	DESCRIPTION	MOUNTING	WATTS	CRI	COLOR	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.	RECESSED	48 W	80	3500K	750/FT	120-277V	STARTEK RBEAM-TBX SERIES	F1-8
F1-12	SAME AS TYPE 'F1-8' EXCEPT LENGTH.	RECESSED	72 W	80	3500K	750/FT	120-277V		F1-12
F1-20	SAME AS TYPE 'F1-8' EXCEPT LENGTH.	RECESSED	120 W	80	3500K	750/FT	120-277V		F1-20
F1-22	SAME AS TYPE 'F1-8' EXCEPT LENGTH.	RECESSED	132 W	80	3500K	750/FT	120-277V		F1-22
F1-24	SAME AS TYPE 'F1-8' EXCEPT LENGTH.	RECESSED	144 W	80	3500K	750/FT	120-277V		F1-24
F1-26	SAME AS TYPE 'F1-8' EXCEPT LENGTH.	RECESSED	156 W	80	3500K	750/FT	120-277V		F1-26
F1-32	SAME AS TYPE 'F1-8' EXCEPT LENGTH.	RECESSED	192 W	80	3500K	750/FT	120-277V		F1-32
F1EM	PROVIDE 4' INTEGRAL EMERGENCY BATTERY INVERTER INTO FIXTURE SHOWN.	RECESSED	26 W	80	3500K	750/FT	120-277V		F1EM
F2-2V	LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED VERTICAL 2' LENGTH, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	14 W	80	3500K	725/FT	120-277V	BLAZE X - DIODE LED - CANAL	F2-2V
F2-2V6H	LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED VERTICAL 'L' SHAPED 2' VERTICAL BY 6' HORIZONTAL, WHITE DIFFUSER, WHITE FINISH, 0-10V DIMMING TO 10-PERCENT, VERIFY LENGTHS IN FIELD PRIOR TO ORDERING, NON-IC RATED.	RECESSED	57 W	80	3500K	725/FT	120-277V	BLAZE X - DIODE LED - CANAL	F2-2V6H
F2-4H	LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED HORIZONTAL BY 4' LENGTH, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	28 W	80	3500K	725/FT	120-277V	BLAZE X - DIODE LED - CANAL	F2-4H
F2-4V	LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED VERTICAL BY 4' LENGTH, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	28 W	80	3500K	725/FT	120-277V	BLAZE X - DIODE LED - CANAL	F2-4V
F2-4V4H	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.	RECESSED	57 W	80	3500K	725/FT	120-277V	BLAZE X - DIODE LED - CANAL	F2-4V4H
F2-4V8H	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 PRIOR TO ORDERING, NON-IC RATED.	RECESSED	85 W	80	3500K	725/FT	120-277V	BLAZE X - DIODE LED - CANAL	F2-4V8H
F2-4V10H	LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTED VERTICAL 'L' SHAPED, 4' VERTICAL BY 10' HORIZONTAL, WHITE DIFFUSER, WHITE FINISH, 0-10V DIMMING TO 10-PERCENT, VERIFY LENGTHS IN FIELD PRIOR TO ORDERING, NON-IC RATED.	RECESSED	99 W	80	3500K	725/FT	120-277V	BLAZE X - DIODE LED - CANAL	F2-4V10H
F2-6V	LED TAPE LIGHT IN EXTRUDED ALUMINUM CHANNEL, MOUNTEDVERTICAL BY 6' LENGTH, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	43 W	80	3500K	725/FT	120-277V	BLAZE X - DIODE LED - CANAL	F2-6V
F3-18	LINEAR 2-INCH WIDE BY LENGTH INDICATED, BLACK HOUSING, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	126 W	80	3500K	500/FT	120-277V	STARTEK RSLIM SERIES	F3-18
F3-20	SAME AS TYPE 'F3-18' EXCEPT LENGTH.	RECESSED	140 W	80	3500K	500/FT	120-277V		F3-20
F3-28	SAME AS TYPE 'F3-18' EXCEPT LENGTH.	RECESSED	196 W	80	3500K	500/FT	120-277V		F3-28
F3-76	SAME AS TYPE 'F3-18' EXCEPT LENGTH.	RECESSED	540 W	80	3500K	500/FT	120-277V		F3-76
F3EM	PROVIDE 4' INTEGRAL EMERGENCY BATTERY INVERTER INTO FIXTURE SHOWN.	RECESSED	28 W	80	3500K	500/FT	120-277V		F3EM
F10-4	LINEAR DIRECT 2-INCH WIDE BY LENGTH INDICATED, AIRCRAFT CABLE, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT.	SUSPENDED	28 W	80	3500K	500/FT	120-277V	STARTEK SLIMD SERIES	F10-4
F10-12	SAME AS TYPE 'F10-4' EXCEPT LENGTH.	SUSPENDED	60 W	80	3500K	500/FT	120-277V		F10-12
F10-14	SAME AS TYPE 'F10-4' EXCEPT LENGTH.	SUSPENDED	99 W	80	3500K	500/FT	120-277V		F10-14
F10-22	SAME AS TYPE 'F10-4' EXCEPT LENGTH.	SUSPENDED	156 W	80	3500K	500FT	120-277V		F10-22
F10-24	SAME AS TYPE 'F10-4' EXCEPT LENGTH.	SUSPENDED	170 W	80	3500K	500/FT	120-277V		F10-24
F10-26	SAME AS TYPE 'F10-4' EXCEPT LENGTH.	SUSPENDED	185 W	80	3500K	500/FT	120-277V		F10-26
F10-32	SAME AS TYPE 'F10-4' EXCEPT LENGTH.	SUSPENDED	227 W	80	3500K	500/FT	120-277V		F10-32
F10EM	PROVIDE 4' INTEGRAL EMERGENCY BATTERY INVERTER INTO FIXTURE SHOWN.	SUSPENDED	28 W	80	3500K	500/FT	120-277V		F10EM
F11-16V	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.	SUSPENDED	85 W	80	3500K	750/FT	120-277V	LUMENWERX VIA1.5	F11-16V
F12-16	LINEAR DIRECT 2-INCH WIDE BY LENGTH INDICATED, AIRCRAFT CABLE, WHITE DIFFUSER, 0-10V DIMMING TO 10-PERCENT.	SUSPENDED	128 W	80	3500K	1000/FT	120-277V	STARTEK SLIMD SERIES	F12-16
F12EM	PROVIDE 4' INTEGRAL EMERGENCY BATTERY INVERTER INTO FIXTURE SHOWN.	SUSPENDED	28 W	80	3500K	1000/FT	120-277V		F12EM
F13	LINEAR DIRECT 2-INCH X 4 -FOOT, WHITE RAISED TOP DIFFUSER, WHITE BOTTOM DIFFUSER, 0-10V DIMMING TO 10-PERCENT.	SUSPENDED	28 W	80	3500K	1600	120-277V	ARON EZT SERIES	F13
F31	OPEN DOWNLIGHT, 4-INCH DIAMETER APERTURE, CLEAR SEMI-SPECULAR REFLECTOR, SELF FLANGED, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	14 W	80	3500K	1100	120-277V	HALO COMMERCIAL HC4 SERIES LITHONIA LDN4 SERIES PRESCOLITE LC4 SERIES	F31
F32	OPEN DOWNLIGHT, 6-INCH DIAMETER APERTURE, CLEAR SEMI-SPECULAR REFLECTOR, SELF FLANGED, 0-10V DIMMING TO 10-PERCENT, NON-IC RATED.	RECESSED	20 W	80	3500K	2300	120-277V	HALO COMMERCIAL HC6 SERIES LITHONIA LDN6 SERIES PRESCOLITE LC6 SERIES	F32
F32E	SAME AS FIXTURE TYPE 'F32,' EXCEPT EMERGENCY BATTERY INVERTER.	RECESSED	20 W	80	3500K	2300	120-277V	CONTECH CYL6 SERIES	F32E
F35	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	14 W	80	3000K	1000	120-277V	HALO PRS4 LED SERIES	F35
F38	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	120-277V	CONTECH CYL6 SERIES	F38
F38E	SAME AS FIXTURE TYPE 'F38,' EXCEPT WITH EMERGENCY BATTERY INVERTER.	SURFACE	20 W	80	3500K	2300	120-277V	CONTECH CYL6 SERIES	F38E
F41	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	120-277V	KUZCO BUTE WS8324	F41
F60	4-FOOT LENSED INDUSTRIAL, FORMED STEEL HOUSING, WHITE FINISH, SEMI-FROST ACRYLIC DIFFUSER.	SURFACE/ CHAIN HUNG	48 W	80	3500K	5000	120-277V	COLUMBIA MPS SERIES CREE LS4 SERIES LITHONIA ZL1D SERIES METALUX SNLED SERIES	F60
F60E	SAME AS TYPE 'F60' EXCEPT INTEGRAL EMERGENCY BATTERY INVERTER.	SURFACE/ CHAIN HUNG	48 W	80	3500K	5000	120-277V		F60E
F72	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 MANUFACTURER'S STANDARD COLORS.	SURFACE	8 W	80	3300K	96/FT	120-277V	LUMINII KENDO	F72
F76	LED PENDANT IN "Y" CONFIGURATION, WHITE HOUSING, 24" SIDES.	PENDANT	80 W	LED	3500K		120-277V	ALLURE CV-Y2	F76
F80	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	HUBBELL LBX SERIES METALUX UHBS SERIES HOLOPHANE PHZ SERIES	F80
F80E	SAME AS FIXTURE TYPE 'F80,' EXCEPT INTEGRAL EMERGENCY BATTERY INVERTER.	SUSPENDED	122 W	80	4000K	18000	120-277V	HUBBELL LBX SERIES METALUX UHBS SERIES HOLOPHANE PHZ SERIES	F80E
F81	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.	SURFACE	16 W	80	3500K	1032	120-277V	PRESCOLITE LBSLEDA10L SERIES HALO SLD612 SERIES JUNO 6RLS SERIES ELITE RL678 SERIES	F81
F82	4-FOOT INDUSTRIAL, WET-LOCATION LISTED, GASKETED, NON-METALLIC HOUSING, RIBBED FROSTED ACRYLIC SHIELDING, STAINLESS STEEL LATCHES.	SURFACE/ SURFACE WALL	47 W	80	3500K	4850	120-277V	COLUMBIA LXEM SERIES METALUX 4VT2 SERIES LITHONIA FEM SERIES MERCURY L501 SERIES	F82
F82E	SAME AS TYPE 'F82' EXCEPT INTEGRAL EMERGENCY BATTERY INVERTER.	SURFACE/ SURFACE WALL	47 W	80	3500K	4850	120-277V		F82E
F91	2 BY 2-FOOT FLAT PANEL, ACRYLIC LENS, BACK-LIT, 0-10V DIMMING TO 10-PERCENT	RECESSED	32 W	80	3500K	3500	120-277V	TGS EA-P SERIES	F91
F91E	SAME AS TYPE 'F91' EXCEPT INTEGRAL EMERGENCY BATTERY INVERTER.	RECESSED	32 W	80	3500K	3500	120-277V		F91E
F92	2 BY 4-FOOT FLAT PANEL, ACRYLIC LENS, BACK-LIT, 0-10V DIMMING TO 10-PERCENT	RECESSED	51 W	80	3500K	6000	120-277V	TGS EA-P SERIES	F92
F92E	SAME AS TYPE 'F92' EXCEPT INTEGRAL EMERGENCY BATTERY INVERTER.	RECESSED	51 W	80	3500K	6000	120-277V		F92E
FN	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
X1C	THERMOPLASTIC EXIT SIGN, WHITE HOUSING, SELF POWERED, SELF DIAGNOSTIC.	SURFACE CEILING	5 W	80	GREEN	N/A	120-277V	DUAL-LITE SE SERIES SURE-LITES CX SERIES LITHONIA LE SERIES MULE MD SERIES	X1C
X1W	THERMOPLASTIC EXIT SIGN, WHITE HOUSING, SELF POWERED, SELF DIAGNOSTIC.	SURFACE WALL	5 W	80	GREEN	N/A	120-277V	DUAL-LITE SE SERIES SURE-LITES CX SERIES LITHONIA LE SERIES MULE MD SERIES	X1W

1

1 TYPE F23 REMOVED FROM SCHEDULE.

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

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

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

DRAWING TITLE:
SCHEDULES - ELECTRICAL

CERTIFIED BY:
AARON J. SCHIPP
REGISTERED
No. PE10504720
STATE OF INDIANA
PROFESSIONAL ENGINEER
1/26/2024

DRAWING NUMBER
E601

PROJECT NUMBER
2022016

14J1 — PANELBOARD SCHEDULE

LOCATION : MECHANICAL PLATFOR... | **SCCR (AMPS RMS SYMM):** 35,000 | **SERVICE :** 480Y/277V 3Φ 4-Wire+Ground | **AMP :** 400 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	LIGHTING		20 A	1	689 / 240			1	20 A		EXTERIOR LIGHTING	8
9	LIGHTING		20 A	1		10 / 356		1	20 A		LIGHTING STORAGE 901A	10
11	LIGHTING		20 A	1			1640 / 881	1	20 A		LIGHTING CORRIDOR 9	12
13	LIGHTING		20 A	1	1586 / 1296			1	20 A		LIGHTING FIELDHOUSE STORAGE	14
15	LIGHTING		20 A	1		1708 / 0						16
17	LIGHTING		20 A	1			1952 / 0					18
19	LIGHTING		20 A	1	1952 / 0							20
21												22
23												24
25												26
27												28
29												30
31					3047 / 9446							32
33	AHU-J2		20 A	3		3047 / 9446		3	25 A		AHU-J1	34
35							3047 / 9446					36
37					17720 / 9446							38
39	TRANSFORMER T-J		125 A	3		18010 / 9446		3	25 A		AHU-J1	40
41							14990 / 9446					42

TOTALS : 45421 VA | 42022 VA | 41402 VA

TOTAL CONNECTED LOAD (VA) : 128845 VA | **TOTAL CONNECTED LOAD (AMPS) :** 155 A

REMARKS:

NOTES:

12J1 — PANELBOARD SCHEDULE

LOCATION : MECHANICAL PLATFOR... | **SCCR (AMPS RMS SYMM):** 22,000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	1	0 / 0			1	20 A		SPARE	2
3	SPARE		20 A	1		0 / 0		1	20 A		SPARE	4
5	SPARE		20 A	1			0 / 0	1	20 A		SPARE	6
7	RECEPT MEZZANINE		20 A	1	360 / 1080			1	20 A		RECEPT FIELD HOUSE 36, SCOREBOARD	8
9	AHU-J1 LIGHTS		20 A	1		180 / 1260		1	20 A		RECEPT FIELD HOUSE 36, SCOREBOARD	10
11	AHU-J2 LIGHTS		20 A	1			180 / 360	1	20 A		RECEPT FIELD HOUSE 36, SCOREBOARD	12
13	RECEPT Room 900		20 A	1	360 / 540			1	20 A		RECEPT FIELD HOUSE 36, SCOREBOARD	14
15	RECEPT Room 900, 900A-2		20 A	1		720 / 1440		1	20 A		Other WEIGHTS & CONDITIONING 900	16
17	RECEPT WEIGHTS & CONDITIONING 900		20 A	1			360 / 1440	1	20 A		Other WEIGHTS & CONDITIONING 900	18
19	RECEPT OFFICE 900B		20 A	1	720 / 540			1	20 A		RECEPT Room 900, 900C-1	20
21	RECEPT OFFICE 900B		20 A	1		360 / 1050		1	20 A		SOUTH TELEVISIONS PLATFORM-2 900A-2	22
23	OVERHEAD DOOR WEIGHTS & CONDITIONING...		20 A	1			1000 / 1000	1	20 A		OVERHEAD DOOR WEIGHTS & CONDITIONING...	24
25	PROJECTOR WEIGHTS & CONDITIONING 900		20 A	1	680 / 600			1	20 A		MOTORIZED SHADES - WEIGHTS & COND. 900	26
27	HOIST FIELD HOUSE 36		20 A	1		1656 / 360		1	20 A		WATER COOLER RECEPT FIELD HOUSE 901	28
29	WATER COOLERS CORRIDOR 9		20 A	1			1290 / 0	1	20 A		SPARE	30
31	MOTORIZED SHADES FIELD HOUSE 901		20 A	1	1200 / 0			1	20 A		SPARE	32
33	STORAGE 901A		20 A	1		1000 / 0		1	20 A		SPARE	34
35	RECEPT CORRIDOR 9		20 A	1			360 / 0	1	20 A		SPARE	36
37	CUH SOUTH VESTIBULE		20 A	1	264 / 0			1	20 A		SPARE	38
39	CUH EAST VESTIBULE		20 A	1		264 / 0		1	20 A		SPARE	40
41	FCU - HALL OF CHAMPIONS		20 A	1			936 / 0	1	20 A		SPARE	42

TOTALS : 6344 VA | 8290 VA | 6926 VA

TOTAL CONNECTED LOAD (VA) : 21560 VA | **TOTAL CONNECTED LOAD (AMPS) :** 60 A

REMARKS:

NOTES:

12J2 — PANELBOARD SCHEDULE

LOCATION : MECHANICAL PLATFOR... | **SCCR (AMPS RMS SYMM):** 22,000 | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	WEST GOAL N COURT HOIST FIELD HOUSE 901		20 A	1	1296 / 1296			1	20 A		WEST GOAL S COURT HOIST FIELD HOUSE 901	2
3	EAST GOAL N COURT HOIST FIELD HOUSE 901		20 A	1		1296 / 1296		1	20 A		EAST GOAL S COURT HOIST FIELD HOUSE 901	4
5	NW GOAL N COURT HOIST FIELD HOUSE 901		20 A	1			1296 / 1296	1	20 A		NW GOAL S COURT HOIST FIELD HOUSE 901	6
7	NE GOAL N COURT HOIST FIELD HOUSE 901		20 A	1	1296 / 1296			1	20 A		NE GOAL S COURT HOIST FIELD HOUSE 901	8
9	SW GOAL N COURT HOIST FIELD HOUSE 901		20 A	1		1296 / 1296		1	20 A		SW GOAL S COURT HOIST FIELD HOUSE 901	10
11	SE GOAL N COURT HOIST FIELD HOUSE 901		20 A	1			1296 / 1296	1	20 A		SE GOAL S COURT HOIST FIELD HOUSE 901	12
13	VOLLEYBALL N COURT HOIST FIELD HOUSE 901		20 A	1	1656 / 1656			1	20 A		VOLLEYBALL S COURT HOIST FIELD HOUSE 901	14
15	HOIST FIELD HOUSE 36		20 A	1		1656 / 0		1	20 A		SPARE	16
17	TEMP CONTROL PANEL		20 A	1			0 / 0	1	20 A		SPARE	18
19	TEMP CONTROL PANEL		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	SPARE		20 A	1			0 / 0	1	20 A		SPARE	24
25	SPARE		20 A	1	0 / 0			1	20 A		SPARE	26
27	SPARE		20 A	1		0 / 0		1	20 A		SPARE	28
29	SPARE		20 A	1			0 / 0	1	20 A		SPARE	30
31	SPARE		20 A	1	0 / 0			1	20 A		SPARE	32
33	SPARE		20 A	1		0 / 0		1	20 A		SPARE	34
35	SPARE		20 A	1			0 / 0	1	20 A		SPARE	36
37	SPARE		20 A	1	0 / 2880							38
39	SPARE		20 A	1		0 / 2880		3	30 A		MOTORIZED BLEACHERS	40
41	SPARE		20 A	1			0 / 2880					42

TOTALS : 11376 VA | 9720 VA | 8064 VA

TOTAL CONNECTED LOAD (VA) : 29160 VA | **TOTAL CONNECTED LOAD (AMPS) :** 81 A

REMARKS:

NOTES:

2CDA — PANELBOARD SCHEDULE

LOCATION : STORAGE G25 | **SCCR (AMPS RMS SYMM):** | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	EX. CIRCUIT		20 A	1	0 / 0			1	20 A		EX. CIRCUIT	2
3	EX. CIRCUIT		20 A	1		0 / 0		1	20 A		EX. CIRCUIT	4
5	EX. CIRCUIT		20 A	1			0 / 0	1	20 A		EX. CIRCUIT	6
7	EX. CIRCUIT		20 A	1	0 / 0			1	20 A		EX. CIRCUIT	8
9	EX. CIRCUIT		20 A	1		0 / 0		1	20 A		EX. CIRCUIT	10
11	EX. CIRCUIT		20 A	1			0 / 0	1	20 A		EX. CIRCUIT	12
13	EX. CIRCUIT		20 A	1	0 / 0			1	20 A		EX. CIRCUIT	14
15	EX. CIRCUIT		20 A	1		0 / 0		1	20 A		EX. CIRCUIT	16
17	SPARE		20 A	1			0 / 0	1	20 A		EX. CIRCUIT	18
19	EX. CIRCUIT		20 A	1	0 / 0			1	20 A		EX. CIRCUIT	20
21	SPARE		20 A	1		0 / 1200		1	20 A	1	TREADMILL STORAGE G28	22
23	SPARE		20 A	1			0 / 1200	1	20 A	1	TREADMILL STORAGE G28	24
25	EX. CIRCUIT		20 A	1	0 / 1200			1	20 A	1	TREADMILL STORAGE G28	26
27	SPARE		20 A	1		0 / 1200		1	20 A	1	TREADMILL STORAGE G28	28
29	RECEPT CLASSROOM 513		20 A	1			660 / 1200	1	20 A	1	TREADMILL STORAGE G28	30
31												32
33												34
35												36
37												38
39												40
41												42

TOTALS : 1200 VA | 2400 VA | 3060 VA

TOTAL CONNECTED LOAD (VA) : 6660 VA | **TOTAL CONNECTED LOAD (AMPS) :** 18 A

REMARKS:
BOLD TEXT INDICATES NEW LOAD AND/OR CIRCUIT BREAKER

NOTES:

AB — PANELBOARD SCHEDULE

LOCATION : ATHLETIC STORAGE G42 | **SCCR (AMPS RMS SYMM):** | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	2	0 / 0			2	20 A		SPARE	2
3						0 / 0						4
5	SPARE		20 A	2			0 / 0	2	20 A		SPARE	6
7					0 / 0							8
9	SPARE		20 A	2		0 / 0		2	20 A		SPARE	10
11							0 / 0					12
13	SPARE		20 A	2	0 / 0			2	20 A		SPARE	14
15						0 / 0						16
17	RECEPT GIRLS BASKETBALL...		20 A	1			458 / 458	1	20 A		RECEPT Room G45, G48	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23	RECEPT Room G39, G36		20 A	1			458 / 458	1	20 A		RECEPT Room G33, G31	24
25	EX. CIRCUIT HAND DRYER BOYS LOCKER		20 A	1	0 / 0			1	20 A		EX. CIRCUIT HAND DRYER BOYS LOCKER	26
27												28
29												30
31	EX. CIRCUIT HAND DRYER BOYS LOCKER		20 A	1	0 / 0			1	20 A		EX. CIRCUIT HAND DRYER BOYS LOCKER	32
33	EX. CIRCUIT HAND DRYER BOYS LOCKER		20 A	1		0 / 0		1	20 A		EX. CIRCUIT HAND DRYER BOYS LOCKER	34
35												36
37	EX. CIRCUIT BLEACHERS		20 A	1	0 / 0			1	20 A		EX. CIRCUIT RECEPT WEST GYM	38
39	EX. CIRCUIT BLEACHERS		20 A	1		0 / 0		1	20 A		EX. CIRCUIT PRV-Y1, EF-5	40
41	EX. CIRCUIT BATHROOM HTR, PRV-U1, EF-6		20 A	1			0 / 0	1	20 A		EX. CIRCUIT PRV-X1, ENTRY HTR, EF-7	42

TOTALS : 0 VA | 0 VA | 1832 VA

TOTAL CONNECTED LOAD (VA) : 1832 VA | **TOTAL CONNECTED LOAD (AMPS) :** 5 A

REMARKS:
BOLD TEXT INDICATES NEW LOAD AND/OR CIRCUIT BREAKER

NOTES:

AC — PANELBOARD SCHEDULE

LOCATION : ATHLETIC STORAGE G42 | **SCCR (AMPS RMS SYMM):** | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MCB | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	SPARE		20 A	2	0 / 0			2	20 A		SPARE	2
3						0 / 0						4
5	SPARE		20 A	2			0 / 0	2	20 A		SPARE	6
7					0 / 0							8
9	SPARE		20 A	2		0 / 0		2	20 A		SPARE	10
11							0 / 0					12
13	SPARE		20 A	2	0 / 0			2	20 A		SPARE	14
15						0 / 0						16
17	SPACE		--	1			0 / 0	1	--		SPACE	18
19	SPARE		20 A	1	0 / 0			1	20 A		SPARE	20
21	SPARE		20 A	1		0 / 0		1	20 A		SPARE	22
23												24
25												26
27												28
29												30
31												32
33												34
35												36
37												38
39												40
41												42

TOTALS : 0 VA | 0 VA | 0 VA

TOTAL CONNECTED LOAD (VA) : 0 VA | **TOTAL CONNECTED LOAD (AMPS) :** 0 A

REMARKS:

NOTES:

L1 — PANELBOARD SCHEDULE

LOCATION : MECH G14 | **SCCR (AMPS RMS SYMM):** | **SERVICE :** 208Y/120V 3Φ 4-Wire+Ground | **AMP :** 225 A | **MAIN :** MLO | **NEMA:** Type 1 | **MOUNTING :** SURFACE

CKT	DESCRIPTION	NOTE	AMP	POLE	A	B	C	POLE	AMP	NOTE	DESCRIPTION	CKT
1	EX. CIRCUIT		20 A	1	0 / 180			1	20 A		RECEPT JV LOCKER ROOM G9	2
3	EX. CIRCUIT		20 A	1		0 / 720		1	20 A		RECEPT JV LOCKER ROOM G9	4
5	EX. CIRCUIT		20 A	1			0 / 720	1	20 A		RECEPT VARSITY LOCKER ROOM G12, G9, G22	6
7	EX. CIRCUIT		20 A	1	0 / 360			1	20 A		RECEPT VARSITY LOCKER ROOM G18	8
9	EX. CIRCUIT		20 A	1		0 / 1080		1	20 A		RECEPT VARSITY LOCKER ROOM G21, G18	10
11	EX. CIRCUIT		20 A	1			0 / 0	1	20 A		SPARE	12
13	EX. CIRCUIT		20 A	1	0 / 0			1	20 A		SPARE	14
15	RECEPT CLASSROOM		20 A	1		360 / 0		1	20 A		SPARE	16
17	EX. CIRCUIT		20 A	1			0 / 0	1	20 A		SPARE	18
19	EX. CIRCUIT		20 A	1	0 / 0			1	20 A		SPARE	20
21	EX. CIRCUIT		20 A	1		0 / 0		1	20 A		SPARE	22
23	EX. CIRCUIT		20 A	1			0 / 0	1	20 A		SPARE	24
25	EX. CIRCUIT		20 A	1	0 / 0			1	20 A		SPARE	26
27	EX. CIRCUIT		20 A	1		0 / 0		1	20 A		SPARE	28
29	EX. CIRCUIT		20 A	1			0 / 0	1	20 A		SPARE	30
31												32
33												34
35												36
37												38
39	EX. CIRCUIT		20 A	2		0 / 0						40
41							0 / 0					42

TOTALS : 540 VA | 2160 VA | 720 VA

TOTAL CONNECTED LOAD (VA) : 3420 VA | **TOTAL CONNECTED LOAD (AMPS) :** 9 A

REMARKS:
BOLD TEXT INDICATES NEW LOAD AND/OR CIRCUIT BREAKER.

NOTES:
1. PROVIDE NEW 20A/1P CIRCUIT BREAKER, MATCH EXISTING AIC RATING OF EXISTING CIRCUIT BREAKERS.

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DA#22043

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Consulting Engineers
732 North Capitol Avenue
Indianapolis, IN 46204
Phone (317) 634-4672
Fax (317) 633-8725

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

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 to the satisfactory execution 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

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

DRAWING TITLE:
SCHEDULES - PANELBOARDS

CERTIFIED BY:
AARON J. SCHMIDT REGISTERED No. PE10504720 STATE OF INDIANA PROFESSIONAL ENGINEER
1/26/2024

DRAWING NUMBER
E612

PROJECT NUMBER
2022016

RENOVATION LEGEND:

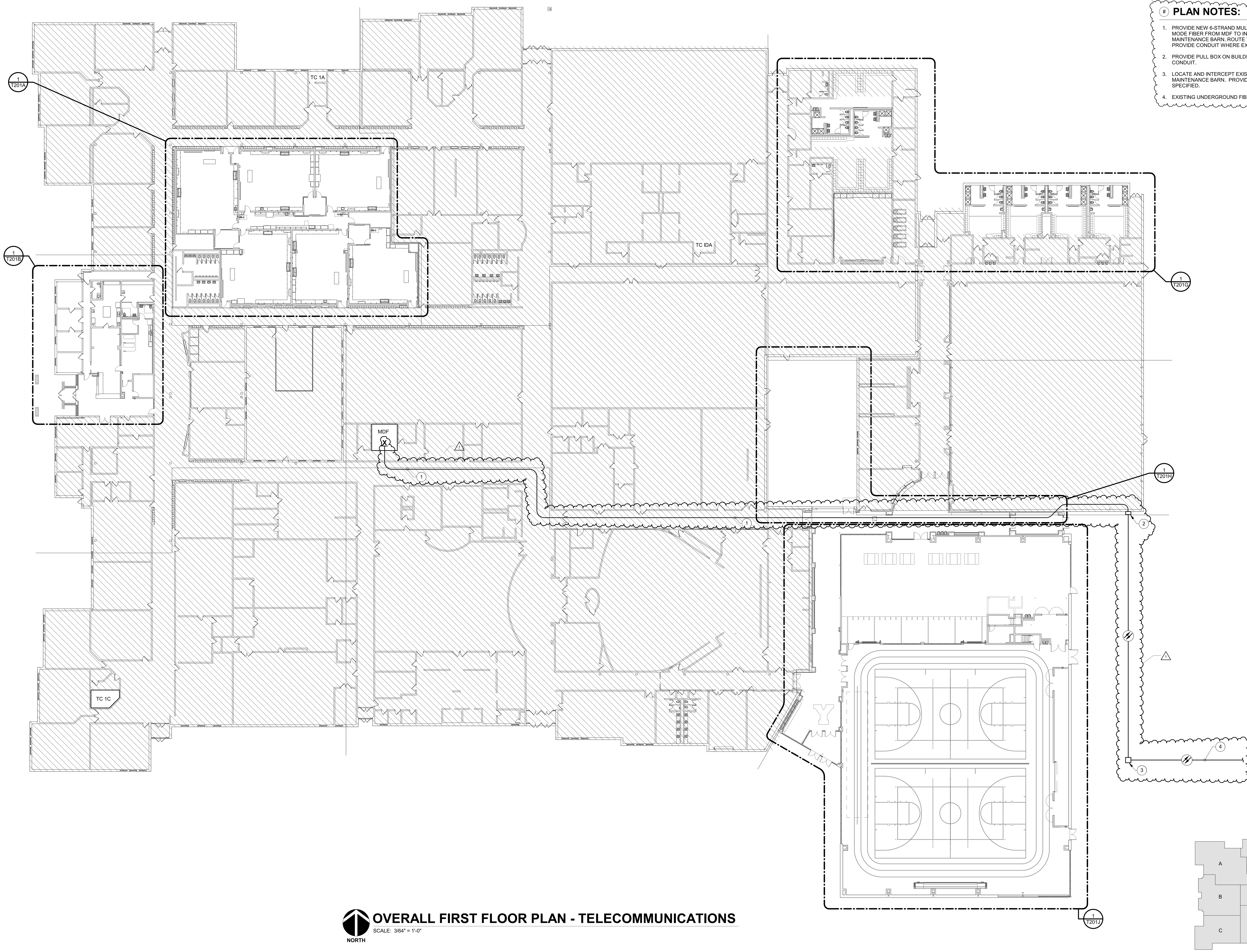
- WORK TO BE INSTALLED
- WORK TO REMAIN

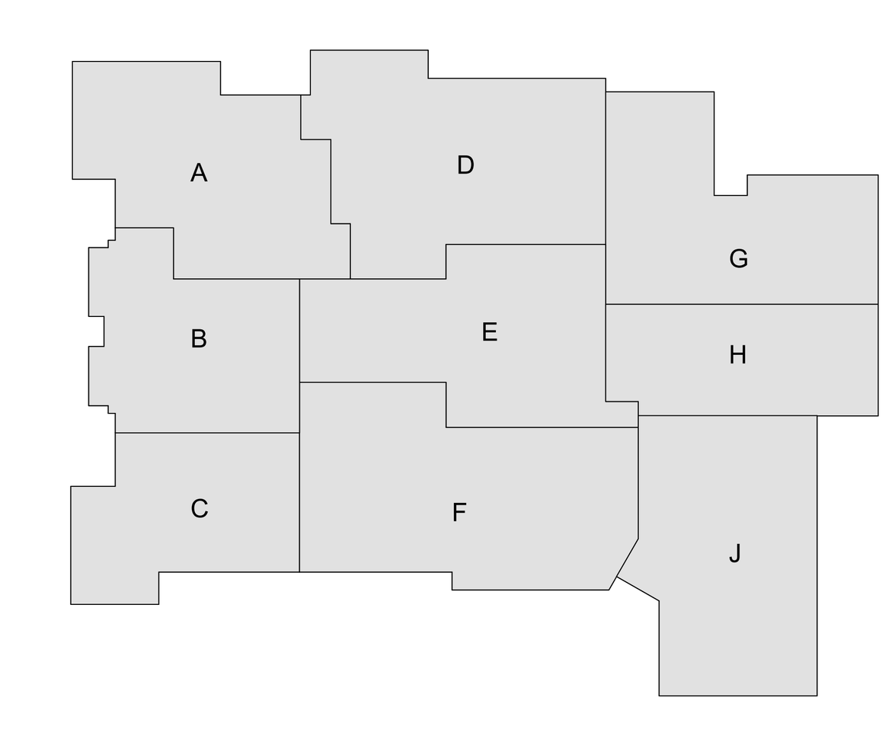
GENERAL NOTES:

1. REFER TO DRAWING T001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. PROVIDE NEW 6-STRAND MULTIMODE OM4 AND 6-STRAND SINGLE MODE FIBER FROM MDF TO INTERCEPT OF EXISTING FIBER TO MAINTENANCE BARN. ROUTE THROUGH CEILING SPACE AND PROVIDE CONDUIT WHERE EXPOSED TO PUBLIC VIEW.
2. PROVIDE PULL BOX ON BUILDING EXTERIOR FOR FIBER CABLING AND CONDUIT.
3. LOCATE AND INTERCEPT EXISTING UNDERGROUND FIBER FEEDING MAINTENANCE BARN. PROVIDE NEW MAINTENANCE HOLE AS SPECIFIED.
4. EXISTING UNDERGROUND FIBER CABLE TO MAINTENANCE BARN.





OVERALL FIRST FLOOR PLAN - TELECOMMUNICATIONS

SCALE: 3/64" = 1'-0"

NORTH

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Consulting Engineers
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Indianapolis, IN 46204
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Fax: (317) 638-8725

PROJECT:

YORKTOWN HIGH SCHOOL ADDITIONS AND RENNOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

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:

1	Addendum #1	2024-02-15

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	Author	Checker

DRAWING TITLE:

OVERALL FIRST FLOOR PLAN - TELECOM.

CERTIFIED BY:

BICSI Registered Communications Distribution Designer
James A Darnell
BICSI ID # 101926
Expires 12-31-24
RCDD
1/26/2024

DRAWING NUMBER

T150

PROJECT NUMBER

2022016

RENOVATION LEGEND:

WORK TO BE INSTALLED

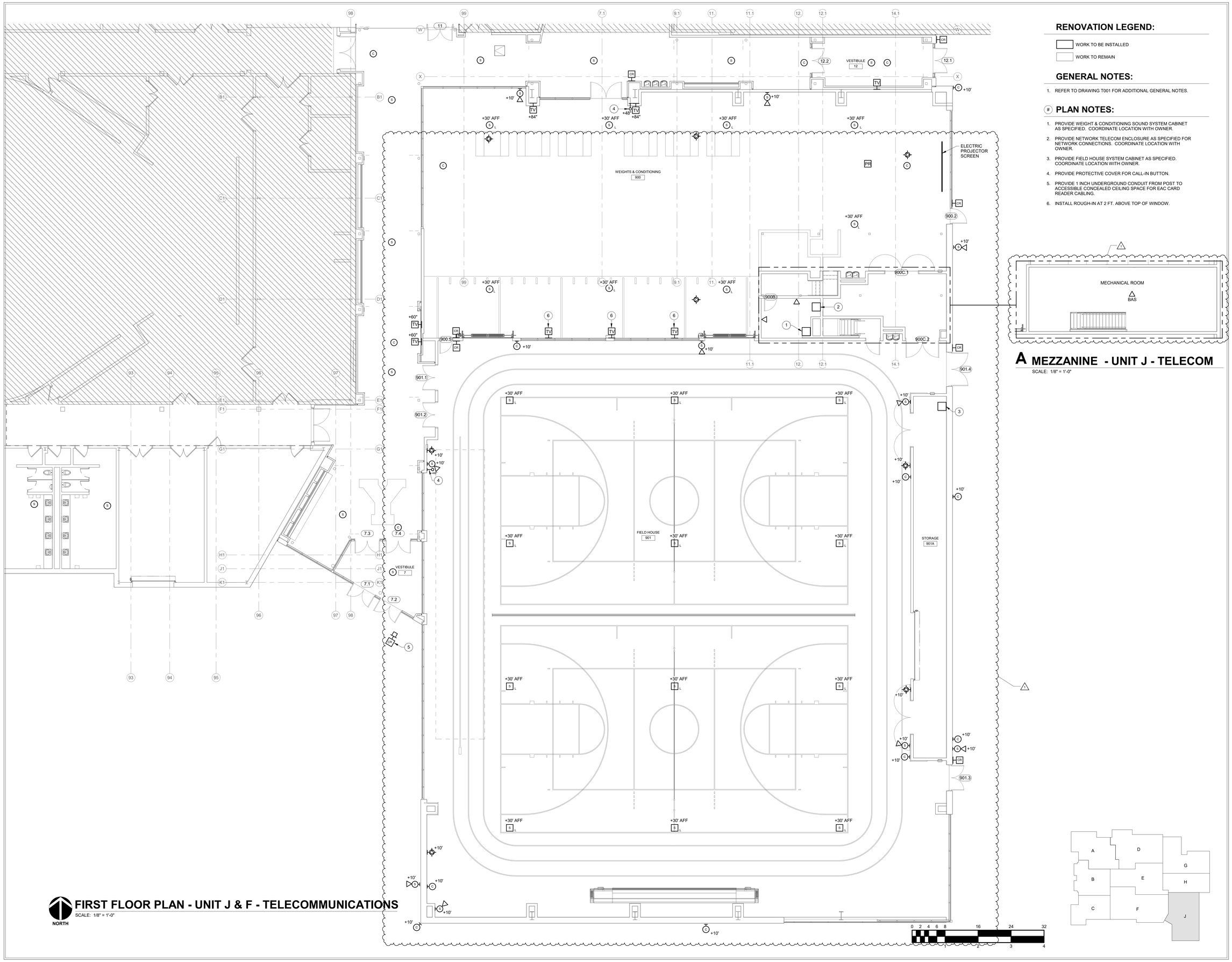
WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING T001 FOR ADDITIONAL GENERAL NOTES.

PLAN NOTES:

1. PROVIDE WEIGHT & CONDITIONING SOUND SYSTEM CABINET AS SPECIFIED. COORDINATE LOCATION WITH OWNER.
2. PROVIDE NETWORK TELECOM ENCLOSURE AS SPECIFIED FOR NETWORK CONNECTIONS. COORDINATE LOCATION WITH OWNER.
3. PROVIDE FIELD HOUSE SYSTEM CABINET AS SPECIFIED. COORDINATE LOCATION WITH OWNER.
4. PROVIDE PROTECTIVE COVER FOR CALL-IN BUTTON.
5. PROVIDE 1 INCH UNDERGROUND CONDUIT FROM POST TO ACCESSIBLE CONCEALED CEILING SPACE FOR EAC CARD READER CABLING.
6. INSTALL ROUGH-IN AT 2 FT. ABOVE TOP OF WINDOW.



A MEZZANINE - UNIT J - TELECOM

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

FIRST FLOOR PLAN - UNIT J & F - TELECOMMUNICATIONS

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

NORTH

0 2 4 6 8 16 24 32

1 2 3 4

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PROJECT:

YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

SCOPE DRAWINGS:

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On the basis of the general scope indicated or described, the Contractor shall furnish all labor and materials required for the proper execution and completion of the work.

REVISIONS:

1	Addendum #1	2024-02-15

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	VH	JD

DRAWING TITLE:

FIRST FLOOR PLAN - UNIT J & F - TELECOM.

CERTIFIED BY:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER

BICSI

James A Darnell
BICSI ID # 101926
EXPIRES 12-31-24
RCDD

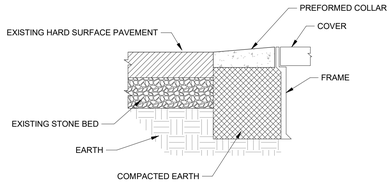
1/ 26/ 2024

DRAWING NUMBER

T201J

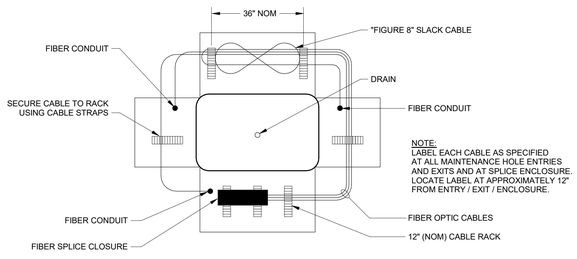
PROJECT NUMBER

2022016



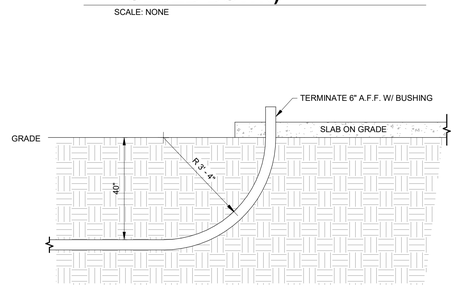
G MAINTENANCE HOLE INSTALLATION HARD SURFACE PAVEMENT

SCALE: NONE



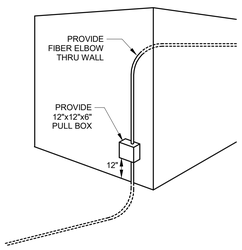
H MAINTENANCE HOLE CABLE INSTALLATION WITH FIBER SPLICE (TOP VIEW, WALLS FOLDED DOWN)

SCALE: NONE



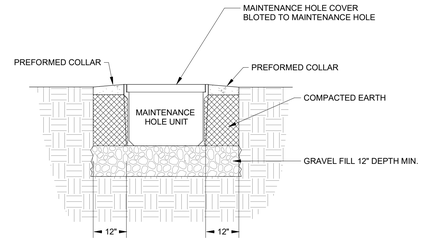
J SLAB ON GRADE PENETRATION DETAIL

SCALE: NONE



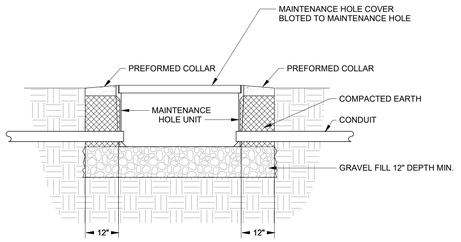
K ELEVATION FOR EXISTING BUILDING TYPICAL

SCALE: NONE



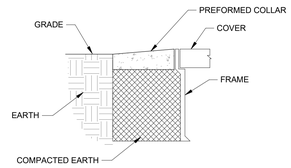
D TYPICAL SECTION THRU MAINTENANCE HOLE

SCALE: NONE



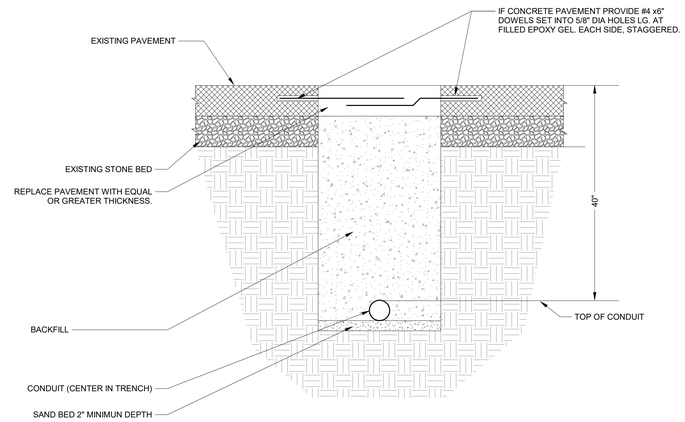
E TYPICAL SECTION THRU MAINTENANCE HOLE

SCALE: NONE



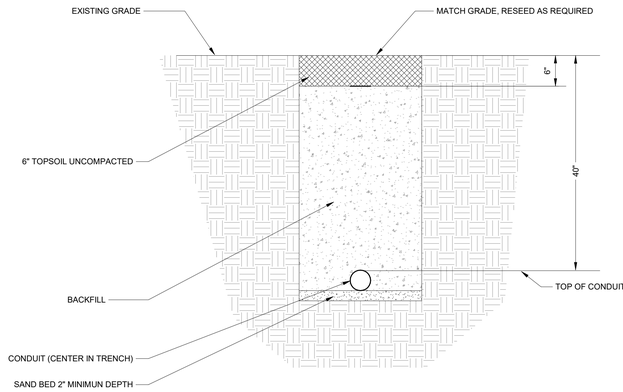
F MAINTENANCE HOLE INSTALLATION COMPACTED EARTH

SCALE: NONE



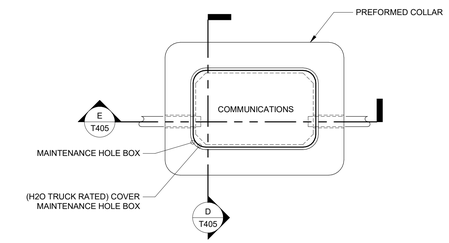
A TRENCH IN PAVEMENT (CONCRETE, ASPHALTIC, BRICK, ETC.)

SCALE: NONE



B TRENCH IN SOIL

SCALE: NONE



C TYPICAL MAINTENANCE HOLE (PLAN VIEW)

SCALE: NONE

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REVISIONS:

1	Addendum #1	2024-02-15

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	VH	JD

DRAWING TITLE:
OSP DETAILS - TELECOM.

CERTIFIED BY:

DRAWING NUMBER
T405

PROJECT NUMBER
2022016

DEMOLITION LEGEND:

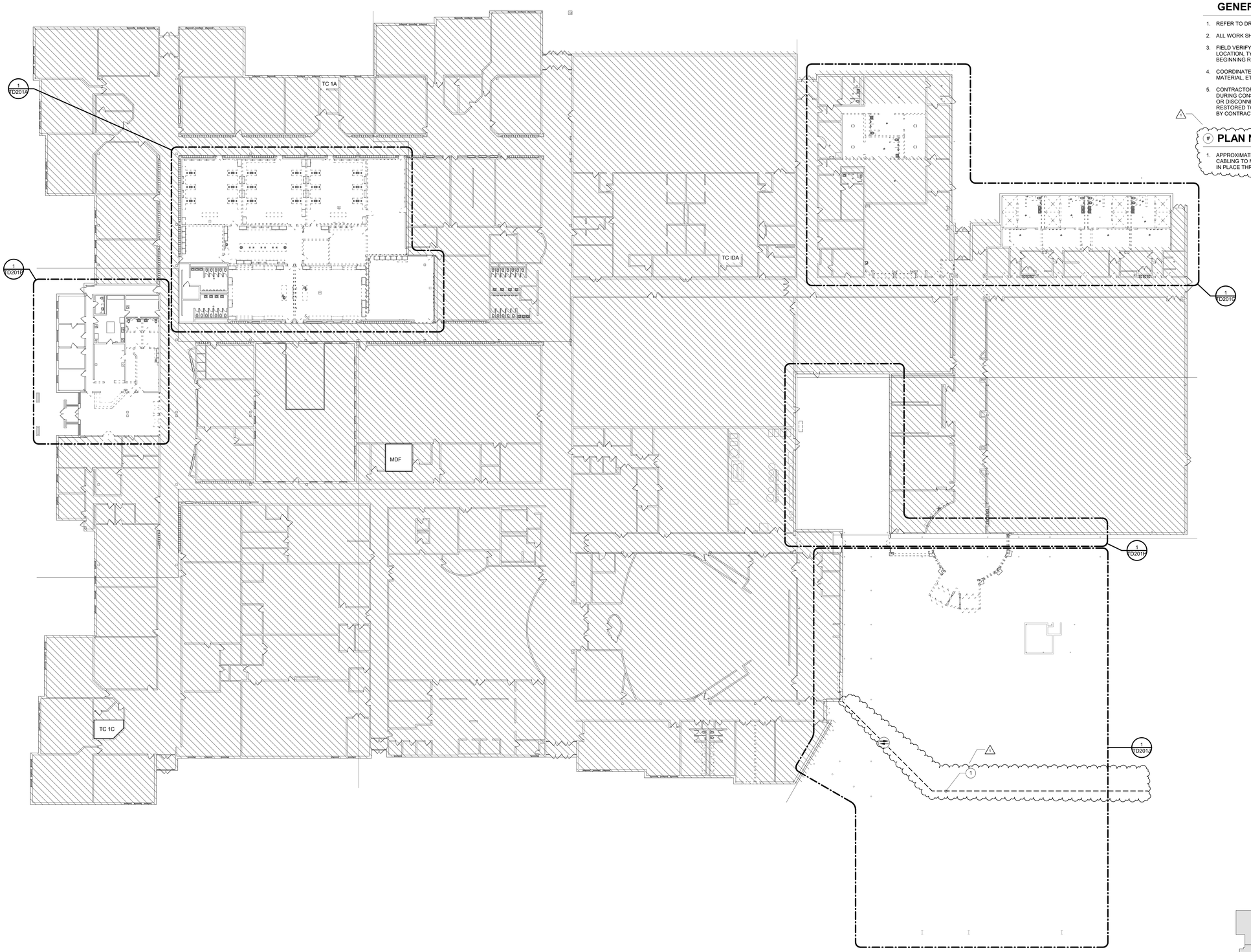
- WORK TO BE REMOVED
- WORK TO REMAIN

GENERAL NOTES:

1. REFER TO DRAWING T001 FOR ADDITIONAL GENERAL NOTES.
2. ALL WORK SHALL REMAIN UNLESS SPECIFICALLY NOTED OTHERWISE.
3. FIELD VERIFY ALL EXISTING CONDITIONS AS TO EXACT SERVICE, LOCATION, TYPE OF MATERIAL, ETC. BEFORE BIDDING AND BEFORE BEGINNING RENOVATION WORK.
4. COORDINATE ALL SHUT-DOWNS, DELIVERY AND STORAGE OF MATERIAL, ETC. WITH OWNER'S REPRESENTATIVE.
5. CONTRACTORS SHALL PROTECT ALL EXISTING OWNER FACILITES DURING CONSTRUCTION. ANY AND ALL OWNER FACILITES DAMAGED OR DISCONNECTED BY CONTRACTOR OPERATIONS SHALL BE FULLY RESTORED TO PREVIOUS OPERATING AND APPEARANCE CONDITION BY CONTRACTOR.

PLAN NOTES:

1. APPROXIMATE LOCATION OF EXISTING UNDERGROUND FIBER CABLING TO MAINTENANCE BARN. SEE DRAWING C100. ABANDON IN PLACE THROUGH CONSTRUCTION AREA.

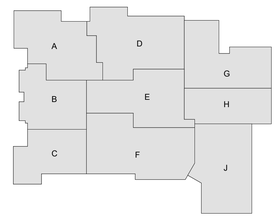


OVERALL FIRST FLOOR PLAN - TELECOMMUNICATIONS DEMOLITION

SCALE: 3/64" = 1'-0"

NORTH

0 2 4 6 8 16 24 32
1 2 3 4



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PROJECT:

YORKTOWN HIGH SCHOOL
ADDITIONS AND RENNOVATIONS

1100 S Tiger Dr, Yorktown, IN 47396

SCOPE DRAWINGS:

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Incorporate the following general scope indicated or described, the trade contractor will still furnish all items required for the proper execution and completion of the work.

REVISIONS:

1	Addendum #1	2024-02-15

ISSUE DATE	DRAWN BY	CHECKED BY
1/26/2024	VH	JD

DRAWING TITLE:

OVERALL FIRST FLOOR PLAN - TELECOM DEMOLITION

CERTIFIED BY:

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
BICSI
James A Darnell
BICSI ID # 101926
EXPIRES 12-31-24
RCDD

1/26/2024

DRAWING NUMBER

TD150

PROJECT NUMBER

2022016