

# ADDENDUM NO. 2

August 23, 2024

Carmel High School Football Stadium  
Additions and Renovations  
2390 E. Smoky Row  
Carmel, IN 46032

## **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 July 26, 2024, by Fanning/Howey. 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 ADD 2-1 – ADD 2-3, and Fanning/Howey Addendum No. Addendum No. 2, consisting of 27 items, 7 pages, New Project Manual Section: 07 11 13 – Bituminous Dampproofing, Revised Project Manual Section: 08 33 13 – Coiling Counter Doors, New Drawing Sheets: A10.07 – Vertical Circulation, M6.01 – Temperature Control Diagrams, M6.02 – AHU Temperature Control Diagrams, and M6.03 – Heating System Temperature Control Diagram Revised Drawing Sheets: INDEX A, INDEX B, GD0.2, GD1.0, GD1.1, GD1.2, G1.1, G1.2, G2.1, G2.2, G4.1, G4.2, SU1.1, SU1.2, SU1.3, SU2.2, L1.1, L2.0, S0.01, S1.01, S1.02, S1.03, S1.04, S2.01, S2.02, S2.03, S2.05, S2.06, S2.07, S3.01, S3.04, S5.05, S5.10, A0.01, AD0.01, A1.01, A1.03, A1.04, A1.05, A1.06, A1.07, A1.09, A2.01, A2.02, A2.03, A3.03, S3.05, A5.01, A5.02, A5.03, A5.05, A5.06, A6.01, A6.02, A6S.01, A7.01, A7.02, A7.05, A7.06, A7S.01, A8.05, A9.01, A9.02, A10.01, A10.02, A10.03, A10.04, A10.05, A10.06, PD.02, PFP.02, P1.01, P2.01, P2.02, P2.03, P2.04, P3.01, P3.03, P4.01, M2.01, M2.02, M2.03, M3.01, M3.02, M3.03, M4.01, M5.01, M5.02, M5.03, M5.04, ED.01, E1.02, E2.01, E3.01, E3.02, E3.03, E3.05, E4.01, E4.02, E4.03, E4.04, E4.05, E5.01, E5.02, E5.03, E5.04, E5.05, E6.01, E6.02, E6.05, E8.01, E8.02, T3.01, T3.02, T3.03 and T3.05.

**A. SPECIFICATION SECTION 01 12 00 – MULTIPLE CONTRACT SUMMARY**

**3.03 Bid Categories**

**A. Bid Category No 1 General Trades**

Add Section 07 11 13 – Bituminous Dampproofing

General Trades Clarifications

Replace the following:

7. Waterproofing to be completed by one subcontractor. This only includes the following spec sections (07 13 00) and (07 14 16)
21. Responsible for providing the following protection on top of the concourse after waterproofing system is completed. (Provide 1” Rigid Insulation and ¾” Plywood on concourse for protection to facilitate remaining construction activities) This protection will be placed one time and removed one time. Assume a quantity of 6,000sf.

Add the following:

22. Include install, removal, and 12 months of rental for a scaffold stair tower for use by all trades to gain access from the concourse to the 1st level of the press box.
23. Bollards shown on sheet G4.2F and Note #18 on G1.1 are to be provided and installed by this contractor.
24. The concrete remediation and repairs called out on sheets AD0.03 and AD0.05 on the existing field side of the precast bleachers will be addressed out of the contingency allowance.
25. In regards to plan note #27 shown on the demo plans, this contractor is responsible for patching the adjacent surface to receive new finishes.
26. Any cleaning or powerwashing required of the existing concrete structures on both the home and visitor side bleachers are by this contractor.
27. Epoxy coated WWF is to be used in all sidewalks.
28. In regards to Plaza Deck Pavers in (07 14 16) these will be provided and installed by the Bid Category No. 5 Roofing Contractor.

**C. Bid Category No. 3 – Masonry Clarifications**

Add the following:

6. Patching of existing masonry and any masonry restoration will be addressed within the contingency allowance.

**D. Bid Category No. 4 – Structural Steel Clarifications**

Add the following:

4. Bollards shown on sheet G4.2F and Note #18 on G1.1 are to be provided and installed by the Bid Category No. 1 General Trades Contractor.

**E. Bid Category No. 5 – Roofing**

Add the following:

Section 07 55 56

Section 07 14 16

Clarifications

Add the following:

4. Bid Category No. 1 General Trades to provide protection over fluid applied roof membrane and to coordinate install and removal with this contractor.
5. In regards to Plaza Deck Pavers in (07 14 16) these are to be provided and installed by this contractor.

**L. Bid Category No. 12 – Electrical and Technology Clarifications**

Add the following:

10. Include (2) footings as follows for the 2 west sports light poles. (4' x 18' steel reinforced)

ADDENDUM NO. 2

Carmel High School Stadium Grandstand Renovation Project

Carmel Clay Schools  
Carmel, Indiana

Project No. 222154.00

Index of Contents

Addendum No. 2, 27 items, 7 pages

New Project Manual Section: 07 11 13 – Bituminous Dampproofing

Revised Project Manual Section: 08 33 13 – Coiling Counter Doors

New Drawing Sheets: A10.07 – Vertical Circulation, M6.01 – Temperature Control Diagrams, M6.02 – AHU Temperature Control Diagrams, and M6.03 – Heating System Temperature Control Diagram

Revised Drawing Sheets: INDEX A, INDEX B, GD0.2, GD1.0, GD1.1, GD1.2, G1.1, G1.2, G2.1, G2.2, G4.1, G4.2, SU1.1, SU1.2, SU1.3, SU2.2, L1.1, L2.0, S0.01, S1.01, S1.02, S1.03, S1.04, S2.01, S2.02, S2.03, S2.05, S2.06, S2.07, S3.01, S3.04, S5.05, S5.10, A0.01, AD0.01, A1.01, A1.03, A1.04, A1.05, A1.06, A1.07, A1.09, A2.01, A2.02, A2.03, A3.03, S3.05, A5.01, A5.02, A5.03, A5.05, A5.06, A6.01, A6.02, A6S.01, A7.01, A7.02, A7.05, A7.06, A7S.01, A8.05, A9.01, A9.02, A10.01, A10.02, A10.03, A10.04, A10.05, A10.06, PD.02, PFP.02, P1.01, P2.01, P2.02, P2.03, P2.04, P3.01, P3.03, P4.01, M2.01, M2.02, M2.03, M3.01, M3.02, M3.03, M4.01, M5.01, M5.02, M5.03, M5.04, ED.01, E1.02, E2.01, E3.01, E3.02, E3.03, E3.05, E4.01, E4.02, E4.03, E4.04, E4.05, E5.01, E5.02, E5.03, E5.04, E5.05, E6.01, E6.02, E6.05, E8.01, E8.02, T3.01, T3.02, T3.03 and T3.05

August 23, 2024

I hereby certify that this Addendum was prepared by me or under my direct supervision and that I am a duly registered Architect/Engineer under the Laws of the State of Indiana.

FANNING/HOWEY ASSOCIATES, INC.  
ARCHITECTS/ENGINEERS/CONSULTANTS



Paul A. Miller, License No. AR10800161  
Expiration Date: 12/31/2025

TO: ALL BIDDERS OF RECORD

ADDENDUM NO. 2 to Drawings and Project Manual, dated July 26, 2024, for the Carmel High School Stadium Grandstand Renovation Project for Carmel Clay Schools, 5201 E. Main St., Carmel, Indiana 46033; as prepared by Fanning/Howey Associates, Inc., Indianapolis, Indiana.

This Addendum shall hereby be and become a part of the Contract Documents the same as if originally bound thereto.

The following clarifications, amendments, additions, revisions, changes, and modifications change the original Contract Documents only in the amount and to the extent hereinafter specified in this Addendum.

Each bidder shall acknowledge receipt of this Addendum in his proposal or bid.

NOTE: Bidders are responsible for becoming familiar with every item of this Addendum. (This includes miscellaneous items at the very end of this Addendum.)

RE: ALL BIDDERS

ITEM NO. 1. PROJECT MANUAL, TABLE OF CONTENTS

- A. Book 2, page 00 01 10 -1, DIVISION 07: Add Section 07 11 13 – Bituminous Dampproofing.

ITEM NO. 2. NEW PROJECT MANUAL SECTION

- A. New Project Manual Section 07 11 13 – Bituminous Dampproofing is included with and hereby made a part of this Addendum.

ITEM NO. 3. REVISED PROJECT MANUAL SECTION

- A. Section 08 33 13 – Coiling Counter Doors has been revised, dated 8/23/24, and is included with and hereby made a part of this Addendum.

ITEM NO. 4. PROJECT MANUAL, SECTION 03 30 00 – CAST-IN-PLACE CONCRETE

- A. Article 2.7, E.: Add “Integral Water Repellant” after “Permeability-Reducing Admixtures” at beginning of paragraph.
- B. Add 3.16, B., 4., as follows:
- “4. Apply two coats at a uniform coverage of floor sealer material to exposed concrete benches.”

ITEM NO. 5. PROJECT MANUAL, SECTION 05 51 00 – METAL STAIRS

- A. Replace 2.8, B., 1., as follows:
- “1. Fabricate stringers of steel channels and steel plates. Provide continuous weld and ground smooth at channel to plate weld.
- a. Stringer Size: As required to comply with “Performance Requirements” article.
  - b. Provide closures for exposed ends of channels.
  - c. Exterior locations shall be fabricated using steel channels and steel plates for a fully enclosed member.

- d. Finish: Ship primed and galvanized.
- e. Stringers shall be provided around perimeter of exterior stair landing where landing framing is part of structural steel work as indicated on Drawings.”

B. Article 2.8, B., 2.: Replace “or tube” with “and plate” at beginning of paragraph.

C. Article 2.8, B., 2., a.: Delete “and rectangular tube framing” from end of sentence.

ITEM NO. 6. PROJECT MANUAL, SECTION 05 52 13 – PIPE AND TUBE RAILINGS

A. Add 1.1, A., 2., as follows:

“2. Floor Mounted Pipe Rail assembly at pressbox camera locations.”

B. Replace 2.8, C., 1., as follows:

“1. Color: Black.”

C. Add 3.3, E. as follows:

“E. Anchor posts to surfaces with oval flanges, angle type, or floor type as required by conditions, connected to posts and to supporting members as follows:

- 1. For aluminum pipe railings, attach posts using fittings designed and engineered for this purpose.
- 2. Anchor posts with expansion anchors or other fastener type appropriate for substrate.

ITEM NO. 7. PROJECT MANUAL, SECTION 05 73 00 – DECORATIVE METAL RAILINGS

A. Add 2.7, J., 2., as follows:

“2. Handrails, aisle handrails, and handrail extensions shall have radius ends when turning down to a vertical orientation and when horizontal extension returns to verticals.”

B. Add 2.7, N., 7., as follows:

“7. Round Base Flange: For mounting to horizontal concrete surface where core drilling not acceptable. Aluminum casting with round base flange and extension for acceptance of railing vertical. Four mounting holes for anchorage to substrate and openings for fastening verticals into base flange.

- a. Basis of Design: No. 42 Round Base Flange by Hollaender.”

C. Add 2.9, B., 2., as follows:

“2. Location: All guardrail and picket infill locations except for handrail locations noted to be clear anodic finish.”

D. Add 3.4, F., as follows:

“F. Anchor posts to substrate with base flange utilizing expansion or epoxy anchors. Provide four 3/4 inch diameter bolts at each post, unless otherwise indicated.”

ITEM NO. 8. PROJECT MANUAL, SECTION 06 61 16 – SOLID SURFACE FABRICATIONS

A. Add 1.1, A., 4., as follows:

“4. Lavatory Shelf.”

B. Article 2.2, A., 3.: Add “Lavatory Shelf” after “Tops/Shelves” at beginning of paragraph.

ITEM NO. 9. PROJECT MANUAL, SECTION 07 24 23 – DIRECT APPLIED EXTERIOR FINISH SYSTEM

A. Add 2.3, C., as follows:

“C. Soffit Vent: Minimum 0.019-inch thick aluminum with insect screen. Unless otherwise indicated, provide 2 inches wide by 8 feet long minimum lengths with a net free area of 11 square inches per foot. Vents shall be prefinished in color as selected by A/E from manufacturers standards.

ITEM NO. 10. PROJECT MANUAL, SECTION 07 42 13.13 – FORMED METAL WALL PANELS

A. Add 2.6, A., 1., as follows:

“1. Provide manufacturer’s standard clip attachments system”

B. Article 2.6, B., 1.: Within paragraph change “HWP” to “HWPC”.

C. Add 2.7, A., 4., as follows:

“4. Accessories and their fasteners shall be capable of resisting the specified design wind uplift forces and shall allow for thermal movement of the wall panel system.”

D. Add 2.8, D., 1., as follows:

“1. Outside Corners: Factory fabricated mitered and welded panel corners.”

ITEM NO. 11. PROJECT MANUAL, SECTION 07 71 00 – ROOF SPECIALTIES

A. Add Article 2.10 as follows:

“2.10 ROOF EDGE SPECIALTIES

A. Metal Drip Edge/Roof Edge Fascia: Manufactured, “L” shaped with continuous cleat with pre-slotted fastening holes. Provide matching corners and splice plates.

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

- a. Metal Era
- b. OMG Edge Systems (fka Hickman Co., W.P).
- c. Architectural Products Co.
- d. Applied Fabricators, Inc.
- e. Drip Edge; Dimensional Metals
- f. Drip Edge Fascia; ATAS International

2. Fabricate from the following exposed metal:

- a. Formed Aluminum: Thickness as required to meet performance requirements and NRCA guidelines, minimum 0.040 inch.

3. Corners: Factory mitered and continuously welded or mechanically clinched and seal watertight.
4. Color: As selected by A/E from manufacturer's full range."

ITEM NO. 12. PROJECT MANUAL, SECTION 08 41 13 – ALUMINUM-FRAMED ENTRANCES AND STOREFRONTS

A. Add 2.4, D., 1., as follows:

- "1. Provide backer plates or head receptor to fully enclose framing member at frame head condition where frame is positioned beyond face of wall surface."

ITEM NO. 13. PROJECT MANUAL, SECTION 08 44 13 – GLAZED ALUMINUM CURTAIN WALLS

A. Add 2.4, A., 10., as follows:

- "10. Where indicated, provide three-track sliding window assembly for installation within Curtain Wall System. Thermally broken aluminum frames, 1-5/16 inch rails and stiles with 6-15/16" system depth. All other components and features shall match Dual Sliding Window Assembly as specified herein."

B. Replace 2.7, F., 1., as follows:

- "1. Depth: 6 inch – 6-1/2 inch and 7 inch to 7-1/2 inch."

ITEM NO. 14. PROJECT MANUAL, SECTION 08 80 00 - GLAZING

A. Article 1.2, E., 1.: Replace "0.40" with "specified values.", at end of first sentence.

B. Replace 2.2, E., 5, a., as follows:

- "a. Solar Heat Gain Coefficient: As specified within Glass Usage Article."

Note: Subparagraph 1) is also deleted.

ITEM NO. 15. PROJECT MANUAL, SECTION 09 65 19 – RESILIENT TILE FLOORING

A. Add 1.1, A., 2., as follows:

- "2. Solid vinyl floor tile.
  - a. Luxury Vinyl Tile (LVT)."

B. Replace 1.5, A., as follows:

- "A. Leave, at Project where directed, any remaining full size pieces of each type, color, pattern, and size for Owner's maintenance."

C. Add Article 2.6, as follows:

"2.6 SOLID VINYL FLOOR TILE

- A. Luxury Vinyl Tile (LVT): Composite construction built with a solid homogeneous calendared layers reinforced with non-woven glass fiber combined with a polymeric base and heavy commercial wearlayer.



- B. Tile Standard: ASTM F1700
  - 1. Class: Class I monolithic vinyl tile and Class III, printed film vinyl tile.
  - 2. Type: Type A, smooth surface and Type B, embossed surface.
- C. Thickness: approximately 6.0 mm.
- D. Applied Finish: Manufacturer's, factory-applied, permanent, UV-cured.
  - 1. Polyurethane surface treatment.
- E. Seaming Method: Standard.
- F. Size, Color, and Patterns: As indicated on Drawings and List of Finishes.

ITEM NO. 16. PROJECT MANUAL, SECTION 09 68 13 – TILE CARPETING

- A. Add 3.2, E., as follows:

- “E. Ceramic Tile and other tile substrates: Thoroughly clean, grind or shot blast surface to remove all glaze and create a rough textured profile. Delaminated or poorly adhered tile must be removed and void filled with tile, patching material or epoxy surfacing.
  - 1. Use self-leveling underlayment materials to level tile surface if required and infill grout joints to avoid telegraphing of existing grout joints through system.”

ITEM NO. 17. PROJECT MANUAL, SECTION 09 67 23 – DECORATIVE RESINOUS FLOORING

- A. Replace 3.3, C., 2., as follows:

- “2. Apply waterproofing membrane at concessions and all restroom areas on levels above the lowest floor level.”

ITEM NO. 18. PROJECT MANUAL, SECTION 09 96 00 – HIGH PERFORMANCE COATINGS

- A. Add 3.9, 2., d., 3) as follows:

- “3) Steel framing for metal roof screens.”

- B. Add 3.10, B., 1., d., 3), as follows:

- “3) Existing ladders and existing stairs assemblies and railings.”

- C. Add 3.10, C., 1., d., 3), as follows:

- “3) Existing ladders and existing stairs assemblies and railings.”

ITEM NO. 19. PROJECT MANUAL, SECTION 12 32 16 – MANUFACTURED PLASTIC-LAMINATE-FACED (EDUCATIONAL) CASEWORK

- A. Add 2.8, P., as follows:

- “P. Power Units:
  - 1. Countertop mounted flip-up power units with electrical devices and USB receptacles, model number and manufacturer as indicated on Drawings.”

ITEM NO. 20. PROJECT MANUAL, SECTION 12 48 26.01 – ENTRANCE CARPET TILE

A. Add 3.1, C., as follows:

- “C. Ceramic Tile and other tile substrates: Thoroughly clean, grind or shot blast surface to remove all glaze and create a rough textured profile. Delaminated or poorly adhered tile must be removed and void filled with tile, patching material or epoxy surfacing.
1. Use self-leveling underlayment materials to level tile surface if required and infill grout joints to avoid telegraphing of existing grout joints through system.”

ITEM NO. 21. PROJECT MANUAL, SECTION 13 34 17 – ANGLE FRAME BLEACHERS

A. Article 1.1, A., 1: Add “guardrails” between “substructure” and “railings” within the paragraph listing.

ITEM NO. 22. PROJECT MANUAL, SECTION 13 34 40 – FABRICATED STRUCTURES

A. Replace 2.2, E., 3., as follows:

- “3. Provide one fixed window, size as indicated on Drawings.”

B. Article 2.2, I., 2.: Change “18 inches” to “12 inches”.

ITEM NO. 23. PROJECT MANUAL, SECTION 32 31 13 – CHAIN LINK FENCES AND GATES

A. Article 2.1, A., 2., c.: Replace “2a” with “2B” within sentence.

B. Replace 2.1, A., 2., c., 1), as follows:

- “1) Color: Black.”

ITEM NO. 24. ACCEPTABLE MANUFACTURERS

The following manufacturers are to be considered acceptable manufacturers (suppliers and fabricators) for the Sections of the Specifications listed. Listed manufacturers are required to bid on products equal in type and design, size, function, and quality to that originally specified. Final decision as to equality of products specified versus those proposed shall be made by the Architect.

Section 26 24 16 – Panelboards

- General Electric Company
- ABB Ltd.

Section 26 28 16 – Enclosed Switches and Circuit Breakers

- General Electric Company
- ABB Ltd.

Section 26 29 13 – Enclosed Controllers

- General Electric Company
- Abb Ltd.

ITEM NO. 25. NEW DRAWING SHEETS

- A. Drawing Sheet No's.: A10.07 – Vertical Circulation, M6.01 – Temperature Control Diagrams, M6.02 – AHU Temperature Control Diagrams, and M6.03 – Heating System Temperature Control Diagram are included with and hereby made a part of this Addendum.

ITEM NO. 26. REVISED DRAWING SHEETS

- A. Drawing Sheets: INDEX A, INDEX B, GD0.2, GD1.0, GD1.1, GD1.2, G1.1, G1.2, G2.1, G2.2, G4.1, G4.2, SU1.1, SU1.2, SU1.3, SU2.2, L1.1, L2.0, S0.01, S1.01, S1.02, S1.03, S1.04, S2.01, S2.02, S2.03, S2.05, S2.06, S2.07, S3.01, S3.04, S5.05, S5.10, A0.01, AD0.01, A1.01, A1.03, A1.04, A1.05, A1.06, A1.07, A1.09, A2.01, A2.02, A2.03, A3.03, S3.05, A5.01, A5.02, A5.03, A5.05, A5.06, A6.01, A6.02, A6S.01, A7.01, A7.02, A7.05, A7.06, A7S.01, A8.05, A9.01, A9.02, A10.01, A10.02, A10.03, A10.04, A10.05, A10.06, PD.02, PFP.02, P1.01, P2.01, P2.02, P2.03, P2.04, P3.01, P3.03, P4.01, M2.01, M2.02, M2.03, M3.01, M3.02, M3.03, M4.01, M5.01, M5.02, M5.03, M5.04, ED.01, E1.02, E2.01, E3.01, E3.02, E3.03, E3.05, E4.01, E4.02, E4.03, E4.04, E4.05, E5.01, E5.02, E5.03, E5.04, E5.05, E6.01, E6.02, E6.05, E8.01, E8.02, T3.01, T3.02, T3.03 and T3.05 have been revised, dated 8/23/24, and is included with and hereby made a part of this Addendum. These Drawings supersede the original documents.

ITEM NO. 27. DRAWING SHEETS A0.01 THRU A10.06

- A. Change any references from “Modular” size of brick to “Norman” size of brick. Thus, matching the brick identified in the Project Manual.

END OF ADDENDUM





# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
5201 E. Main Street, Carmel, IN 46033  
317-944-9991

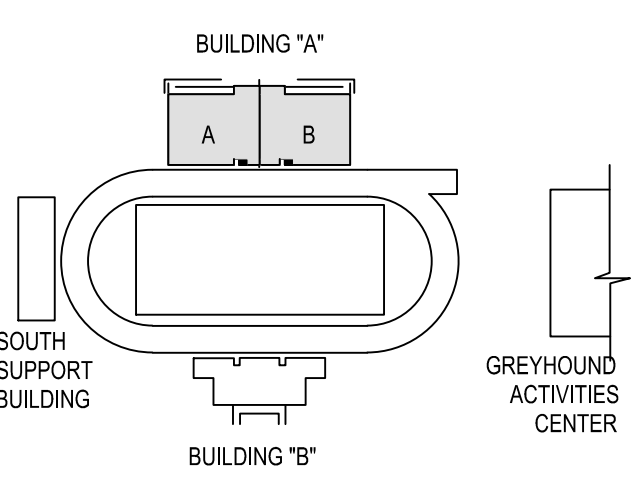


ARCHITECT



317.848.0966 WWW.FHAI.COM  
350 E. NEW YORK ST., SUITE 300, INDIANAPOLIS IN 46204

CONSULTANT



## KEY PLAN

100% CONSTRUCTION DOCUMENTS

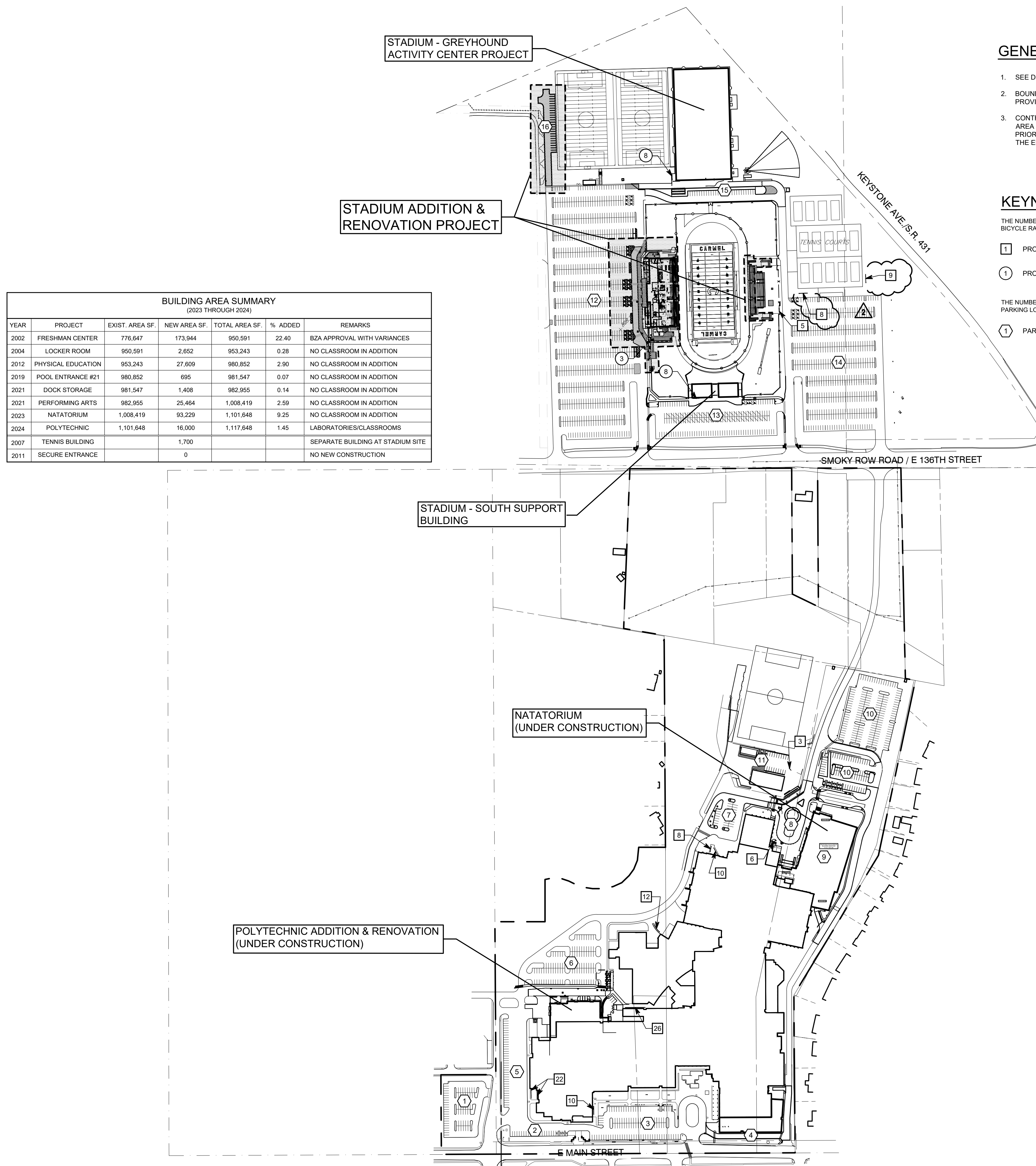


PROJECT MANAGER: PMR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

MASTER PARKING PLAN

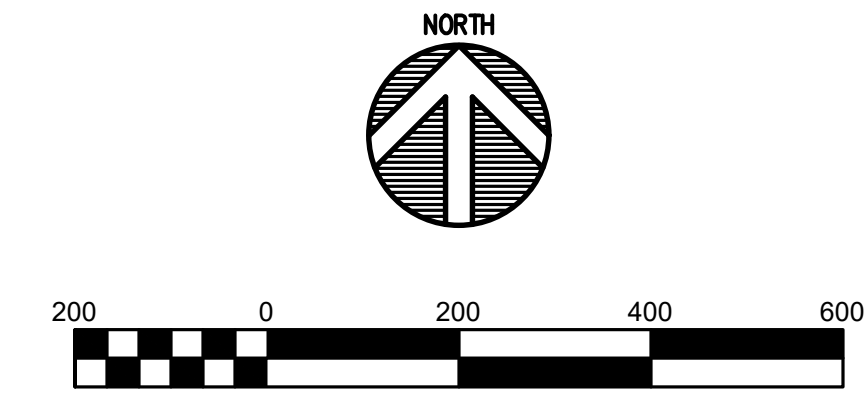
# GD0.2



YEAR	PROJECT	EXIST. AREA SF	NEW AREA SF	TOTAL AREA SF	% ADDED	REMARKS
2002	FRESHMAN CENTER	776,647	173,944	950,591	22.40	BZA APPROVAL WITH VARIANCES
2004	LOCKER ROOM	950,591	2,852	953,443	0.28	NO CLASSROOM IN ADDITION
2012	PHYSICAL EDUCATION	953,243	27,609	980,852	2.90	NO CLASSROOM IN ADDITION
2019	POOL ENTRANCE #21	980,852	695	981,547	0.07	NO CLASSROOM IN ADDITION
2021	DOCK STORAGE	981,547	1,408	982,955	0.14	NO CLASSROOM IN ADDITION
2021	PERFORMING ARTS	982,955	25,464	1,008,419	2.59	NO CLASSROOM IN ADDITION
2023	NATATORIUM	1,008,419	93,229	1,101,648	9.25	NO CLASSROOM IN ADDITION
2024	POLYTECHNIC	1,101,648	16,000	1,117,648	1.45	LABORATORIES/CLASSROOMS
2007	TENNIS BUILDING		1,700			SEPARATE BUILDING AT STADIUM SITE
2011	SECURE ENTRANCE		0			NO NEW CONSTRUCTION

## GENERAL NOTES

- SEE DRAWING GD0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
- BOUNDARY AND TOPOGRAPHIC SURVEY INFORMATION SHOWN WERE PROVIDED BY CIVIL ENVIRONMENTAL CONSULTANTS, INC.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE PROJECT AREA INCLUDING UNDERGROUND UTILITY CONDITIONS, LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.



## KEYNOTES

THE NUMBERS SHOWN IN THE SYMBOLS BELOW INDICATE THE QUANTITY OF BICYCLE RACKS PROPOSED IN A PARTICULAR AREA.

- 1 PROPOSED BICYCLE RACKS MOUNTED TO EXISTING SIDEWALKS
- 1 PROPOSED BICYCLE RACKS MOUNTED TO NEW SIDEWALKS

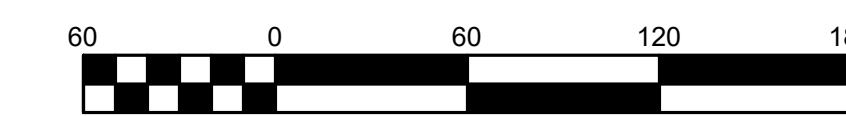
THE NUMBERS SHOWN IN THE SYMBOL BELOW INDICATE DESIGNATED PARKING LOT IDENTIFICATION.

- 1 PARKING LOT IDENTIFICATION NUMBER

LOCATION	BICYCLE RACKS
MAIN BUILDING	94
FOOTBALL STADIUM	24
TENNIS COURTS	17
MURRAY STADIUM	3
<b>TOTAL BICYCLE RACKS</b>	<b>138</b>
<b>TOTAL BICYCLE PARKING SPACES</b>	<b>276</b>
THE ABOVE BICYCLE RACKS ACCOMMODATE 5,520 STUDENTS	
BICYCLE SPACES REQUIRED = 1 PER 20 STUDENTS = 274	

LOT NO.	LOT NAME	STANDARD SPACE		ADA SPACE		POLICE SPACE		BUS SPACE		TOTAL SPACES	
		EXIST.	PROPOSED	EXIST.	PROPOSED	EXIST.	PROPOSED	EXIST.	PROPOSED	EXIST.	PROPOSED
1	OLD SENIOR LOT	65	65	0	0	0	0	0	0	65	65
2	DOOR 7	19	19	4	4	0	0	0	0	23	23
3	FRONT LOT	103	103	7	7	3	3	0	0	113	113
4	AUDITORIUM LOT	0	0	0	0	0	0	0	0	0	0
5	WEST LOT	69	69	0	0	0	0	0	0	69	69
6	FRESHMAN CENTER LOT	114	114	6	6	1	1	0	0	121	121
7	FIELDHOUSE LOT	29	29	0	0	0	0	0	0	29	29
8	FITNESS CENTER LOT	0	0	0	0	0	0	0	0	0	0
9	POOL LOT	0	0	0	0	0	0	0	0	0	0
10	TRAIL LOT	221	221	7	7	1	1	4	4	229	229
11	MURRAY FIELD LOT	14	14	2	2	0	0	0	0	16	16
SUBTOTAL		634	634	28	28	5	5	4	4	665	665
12	FOOTBALL HOME LOT	942	908	18	18	0	0	0	0	960	926
13	FOOTBALL SOUTH LOT	162	162	4	4	0	0	20 = 40	20 = 40	166	166
14	FOOTBALL VISITOR LOT	536	510	6	6	0	0	0	0	542	516
15	FOOTBALL NORTH LOT	29	29	0	0	0	0	0	0	29	29
16	FOOTBALL NORTHWEST LOT	0	25	0	0	0	0	0	0	0	25
SUBTOTAL		1,969	1,634	28	28	0	0	20 = 40	20 = 40	1,997	1,682
TOTAL										2,362	2,300
PERMIT PARKING SPACES = 1334 (STUDENTS) + 583 (EMPLOYEES) = 1,917											
CITY OF CARMEL REQUIRED PARKING SPACES (174 CLASSROOMS x 10) + (583 EMPLOYEES) = 2,323											

- NOTES:
- THE CARMEL HIGH SCHOOL PARKING POLICY IS BASED ON PERMIT ISSUED PARKING. THERE ARE 1,917 PERMITS ISSUED.
  - ENROLLMENT IS EXPECTED TO DROP BY 75 STUDENTS IN 2022 AND REMAIN LEVEL THROUGH 2025.
  - BUS PARKING AT THE FOOTBALL STADIUM IS CURRENTLY 21 SPACES. THESE SPACES CAN ALSO BE USED FOR STUDENT PARKING AT TWO (2) STANDARD VEHICLE SPACES FOR EACH BUS SPACE. THE 21 BUS PARKING SPACES ALLOWS FOR 42 STUDENT PARKING SPACES.
  - THE CLASSROOM COUNT OF 174 EXCLUDES LABS AND OTHER EXTENDED LEARNING AREAS AS THE LATTER ARE SUPPLEMENTAL TO CLASSROOMS, AND ARE NOT OCCUPIED AT THE SAME TIME AS CLASSROOMS.



**GENERAL NOTES**

- SEE DRAWING GD0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
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**DEMOLITION KEYNOTES**

- 3** REMOVE ORNAMENTAL OR CHAIN LINK FENCES, POSTS & FOUNDATIONS
- 31** REMOVE 4" CHAINLINK FENCE GATES, POSTS & FOUNDATIONS, PROTECT TRACK SURFACE TO REMAIN (ALTERNATE BID)

**DEMOLITION LEGEND**

- APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL
- APPROXIMATE LIMITS OF ASPHALT PAVEMENT REMOVAL
- APPROXIMATE LIMITS OF RAMPS, RETAINING WALLS, AND BUILDING STRUCTURE REMOVAL
- TREE PROTECTION REQUIRED
- APPROXIMATE LIMITS OF CONSTRUCTION
- APPROXIMATE LIMITS OF UTILITY LINE REMOVAL

**EROSION CONTROL LEGEND**

- SEDIMENT BAG INLET PROTECTION
- APPROXIMATE LIMITS OF CONSTRUCTION ENTRANCE
- SILT FENCE

**EROSION CONTROL NOTES**

- EROSION CONTROL MEASURES SHOWN ON THIS PLAN SHALL BE INSTALLED PRIOR TO DEMOLITION.
- SEE EROSION CONTROL PLANS ON SHEETS G3.1 & G3.2
- SEE EROSION CONTROL DETAILS ON SHEET G3.4

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
5301 E. Main Street, Carmel, IN 46033  
317-944-9961

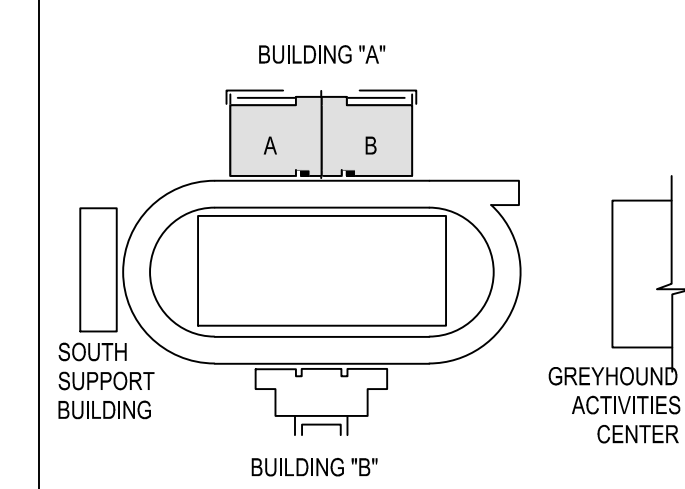
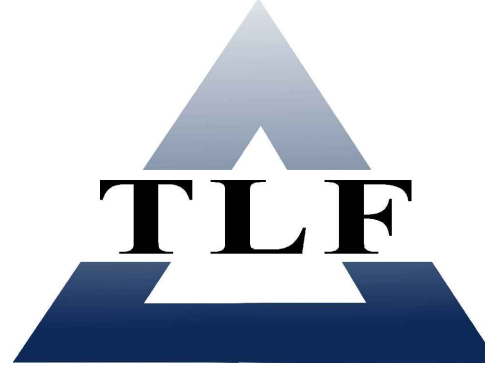


ARCHITECT



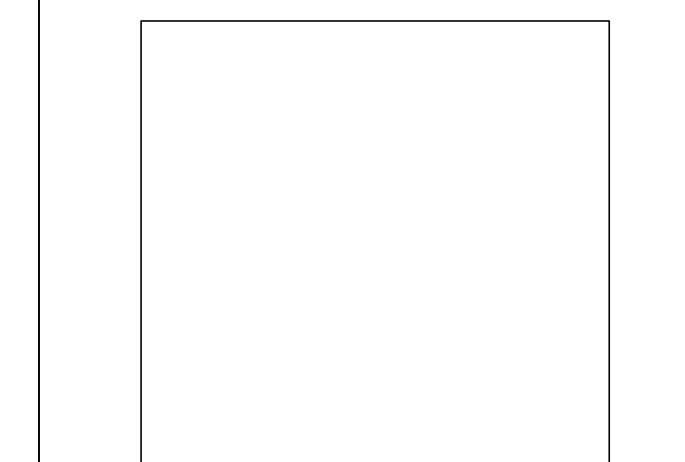
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**KEY PLAN**

100% CONSTRUCTION DOCUMENTS

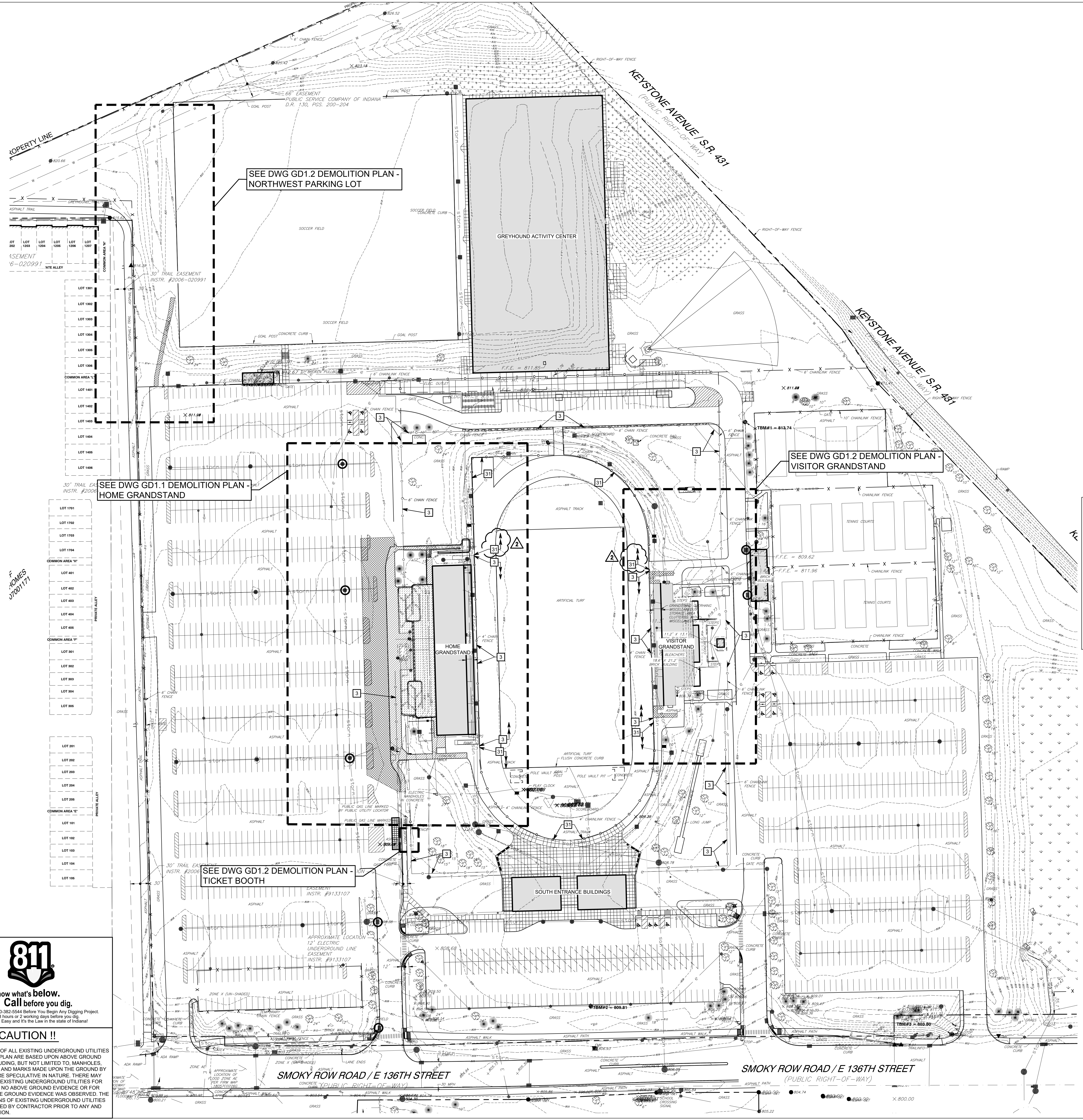


PROJECT MANAGER: PWR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

OVERALL DEMOLITION PLAN

# GD1.0



SEE DWG GD1.2 DEMOLITION PLAN - NORTHWEST PARKING LOT

SEE DWG GD1.2 DEMOLITION PLAN - VISITOR GRANDSTAND

SEE DWG GD1.1 DEMOLITION PLAN - HOME GRANDSTAND

SEE DWG GD1.2 DEMOLITION PLAN - TICKET BOOTH



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Drawing Path: P:\2023\2003\214\CAD\Civil\222154\_00\_222154\_00.dwg - Overall Demolition Plan.dwg  
Printed By: smasher Time of Print: 8/22/24 - 4:09pm Last Edited: 8/22/24 - 3:49pm

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

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2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
5301 E. Main Street, Carmel, IN 46033  
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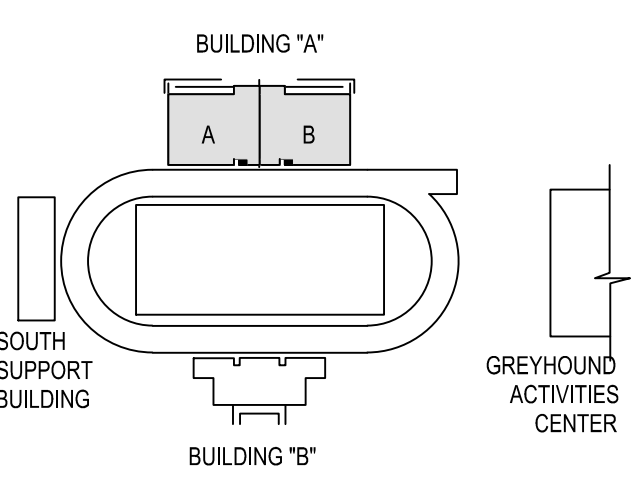
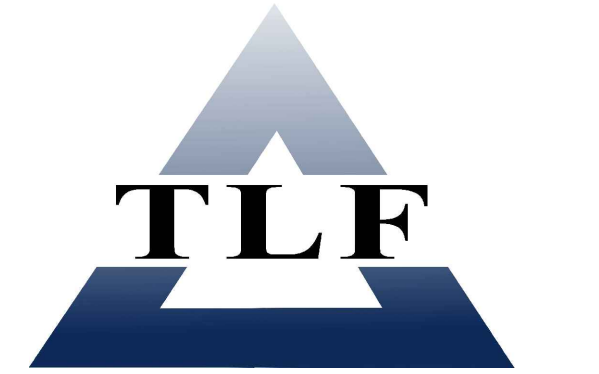


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### KEY PLAN

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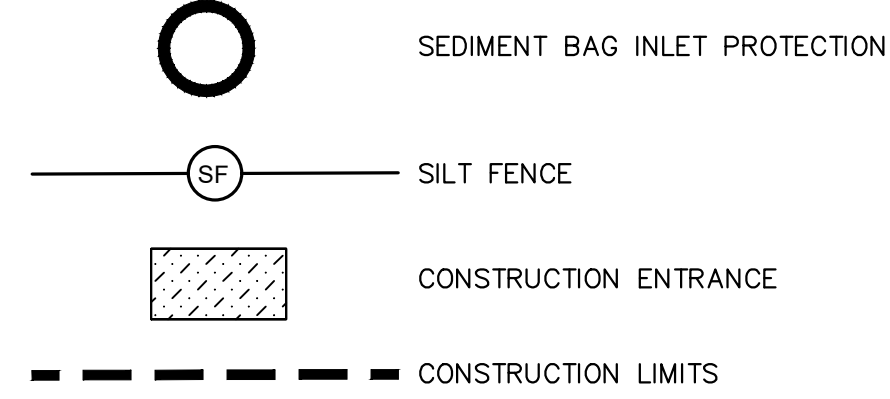
PROJECT MANAGER: PWR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

DEMOLITION PLAN - HOME GRANDSTAND

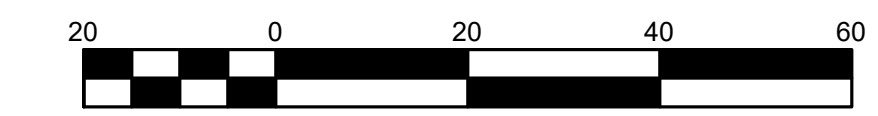
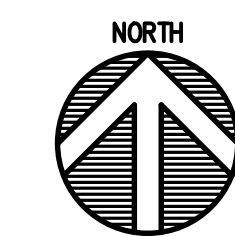
# GD1.1

### EROSION CONTROL LEGEND



#### EROSION CONTROL NOTES

1. EROSION CONTROL MEASURES SHOWN ON THIS PLAN SHALL BE INSTALLED PRIOR TO DEMOLITION.
2. SEE EROSION CONTROL PLANS ON SHEETS G3.1 & G3.2
3. SEE EROSION CONTROL DETAILS ON SHEET G3.4



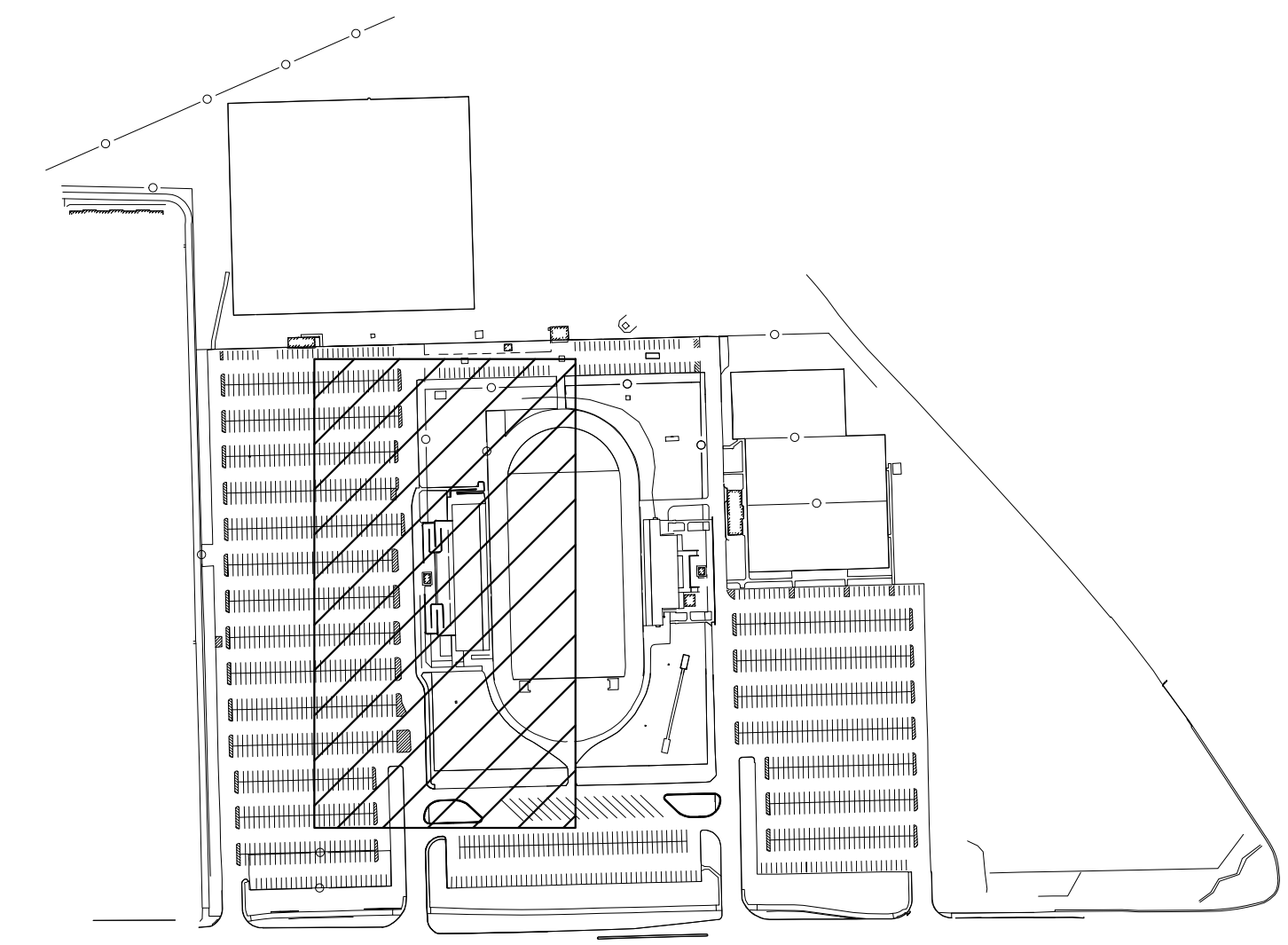
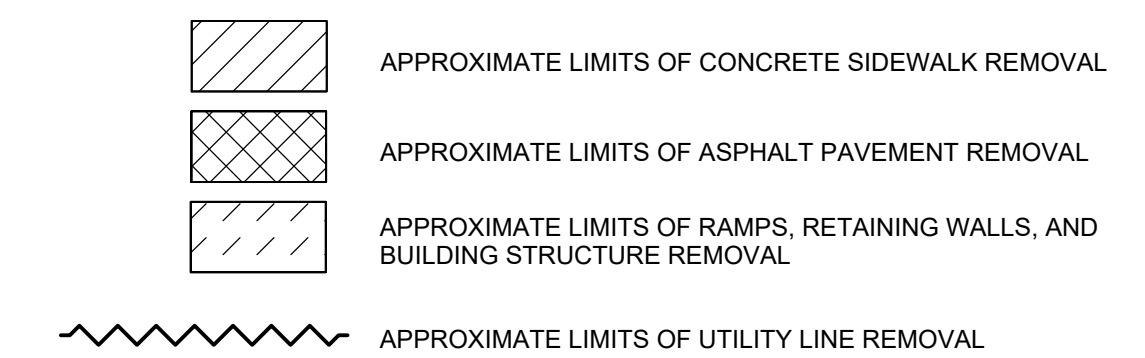
### GENERAL NOTES

1. SEE DRAWING G00.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
2. TOPOGRAPHIC CONDITIONS AND EXISTING UTILITIES SHOWN WERE PROVIDED BY CEC CIVIL & ENVIRONMENTAL CONSULTANTS DATED MAY 17, 2022. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
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### DEMOLITION KEYNOTES

- 1 REMOVE ASPHALT PAVEMENT
- 2 REMOVE CONCRETE SIDEWALK
- 3 REMOVE ORNAMENTAL OR CHAIN LINK FENCES, POSTS & FOUNDATIONS & REPAIR/PATCH CONCRETE TO REMAIN
- 4 REMOVE BRICK BUILDING STRUCTURE IN ITS ENTIRETY, INCLUDING FOUNDATIONS
- 5 REMOVE RAMPS, RETAINING WALLS, AND BUILDING STRUCTURE AS REQUIRED. COORDINATE WITH ARCHITECTURAL AND STRUCTURAL DRAWINGS
- 6 REMOVE/RELOCATE ELECTRICAL AND MECHANICAL EQUIPMENT ALONG WITH FENCING
- 7 REMOVE TREE
- 8 BLACK OUT PAVEMENT STRIPING
- 9 REMOVE ALUMINUM WALKWAY/PLATFORM AND GRAVEL UNDERNEATH WALKWAY/PLATFORM
- 10 PROTECT CONCRETE RAMP, STAIRS, WALLS, AND FOUNDATIONS
- 11 PROTECT STORM STRUCTURE/LINE TO REMAIN
- 12 PROTECT SANITARY STRUCTURE/LINE TO REMAIN
- 13 SAWCUT ASPHALT/CONCRETE
- 14 REMOVE 4" CHAINLINK FENCE, GATES, POSTS & FOUNDATIONS. PROTECT TRACK SURFACE TO REMAIN (ALTERNATE BID)
- 15 PROTECT STAIRS TO REMAIN
- 16 REMOVE RAMP. SEE ARCHITECTURAL PLANS
- 17 PROTECT GAS LINE TO REMAIN
- 18 PROTECT WATER LINE TO REMAIN
- 19 PROTECT ASPHALT/CONCRETE TO REMAIN
- 20 REMOVE LIGHT POLE, COORDINATE RELOCATION WITH ELECTRICAL PLANS
- 21 REMOVE CONCRETE CURB
- 22 MODIFY EXISTING STORM STRUCTURE - PER DRAWING SU1.1 & DETAIL GIG4.3
- 23 REMOVE GATE
- 24 REMOVE ADA RAMP
- 25 RELOCATE SPORTS LIGHT POLE TO LOCATION SHOWN ON G1.1. REMOVE CONCRETE FOOTING TO A MINIMUM OF 4" BELOW FINISHED GRADES. REFER TO ELECTRICAL DRAWINGS
- 26 REMOVE 3" DIA. GAS LINE. COORDINATE REMOVALS AND GAS METER RELOCATION WITH CENTERPOINT ENERGY (GAS COMPANY)
- 27 REMOVE AND RELOCATE GAS METER. COORDINATE RELOCATION WITH CENTERPOINT ENERGY (GAS COMPANY)
- 28 APPROXIMATE POINT OF REMOVAL. COORDINATE WITH SHEET SU1.2 AND GAS COMPANY REQUIREMENTS
- 29 REMOVE CONCRETE STAIRS
- 30 REMOVE 4" DOMESTIC WATER LINE TO BE RELOCATED AROUND NEW CONSTRUCTION
- 31 REMOVE STORM STRUCTURE AND LINE. REFER TO SITE UTILITY PLAN
- 32 PROTECT TREE - PER DETAIL F.I.2.0
- 33 REMOVE STONE SURFACE AS REQUIRED TO INSTALL NEW SIDEWALKS AND PLATFORM FOUNDATION SUPPORTS PER DETAILS 'D' THROUGH 'K' ON SHEET G4.3

### DEMOLITION LEGEND



### LEGEND



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# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5301 E. Main Street, Carmel, IN 46033  
317-844-9991

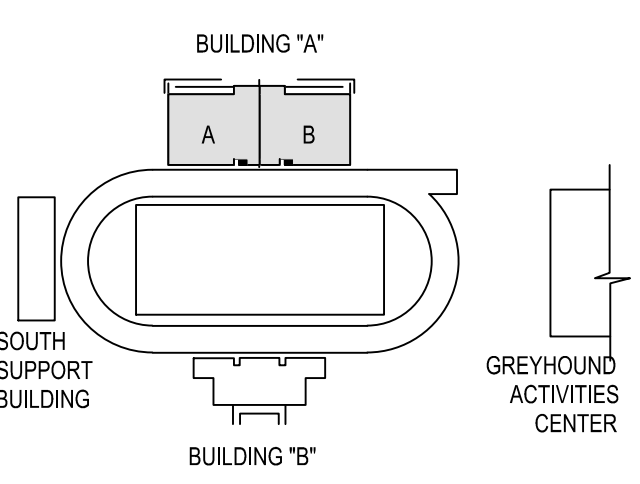


## ARCHITECT

# FANNING HOWEY

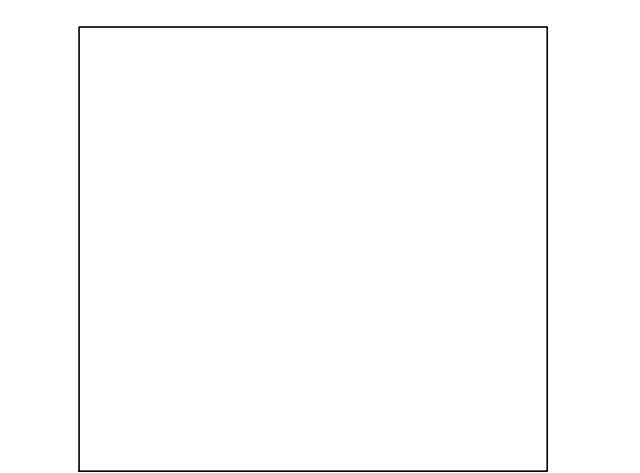
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## KEY PLAN

### 100% CONSTRUCTION DOCUMENTS

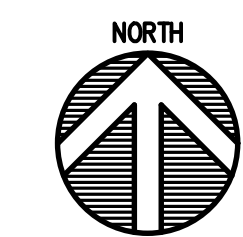


PROJECT MANAGER: PMR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

## DEMOLITION PLAN - VISITOR GRANDSTAND & NORTHWEST PARKING LOT

# GD1.2



## GENERAL NOTES

- SEE DRAWING GD0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
- TOPOGRAPHIC CONDITIONS AND EXISTING UTILITIES SHOWN WERE PROVIDED BY CEC CIVIL & ENVIRONMENTAL CONSULTANTS DATED MAY 17, 2022. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
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## DEMOLITION KEYNOTES

- 1 REMOVE ASPHALT PAVEMENT
- 2 REMOVE CONCRETE SIDEWALK
- 3 REMOVE ORNAMENTAL OR CHAIN LINK FENCES, POSTS & FOUNDATIONS & REPAIR/PATCH CONCRETE TO REMAIN
- 11 PROTECT STORM STRUCTURE/LINE TO REMAIN
- 12 PROTECT SANITARY STRUCTURE/LINE TO REMAIN
- 13 SAWCUT ASPHALT/CONCRETE
- 14 REMOVE 4' CHAINLINK FENCE, GATES, POSTS & FOUNDATIONS, PROTECT TRACK SURFACE TO REMAIN (ALTERNATE BID)
- 17 PROTECT GAS LINE TO REMAIN
- 18 PROTECT WATER LINE TO REMAIN
- 19 PROTECT ASPHALT/CONCRETE TO REMAIN
- 22 MODIFY EXISTING STORM STRUCTURE - PER DRAWING SU1.3 & G/G4.3
- 23 REMOVE GATE
- 29 REMOVE BUILDING IN ITS ENTIRETY, INCLUDING FOUNDATIONS
- 30 REMOVE LIGHT POLE & CONCRETE FOOTING TO A MINIMUM OF 4' BELOW FINISHED GRADES, COORDINATE WITH ELECTRICAL PLANS
- 32 PROTECT TREE - PER DETAIL FL2.0
- 33 REMOVE STONE SURFACE AS REQUIRED TO INSTALL NEW SIDEWALKS AND PLATFORM FOUNDATION SUPPORTS PER DETAILS 'D' THROUGH 'K' ON SHEET G4.3

## DEMOLITION LEGEND

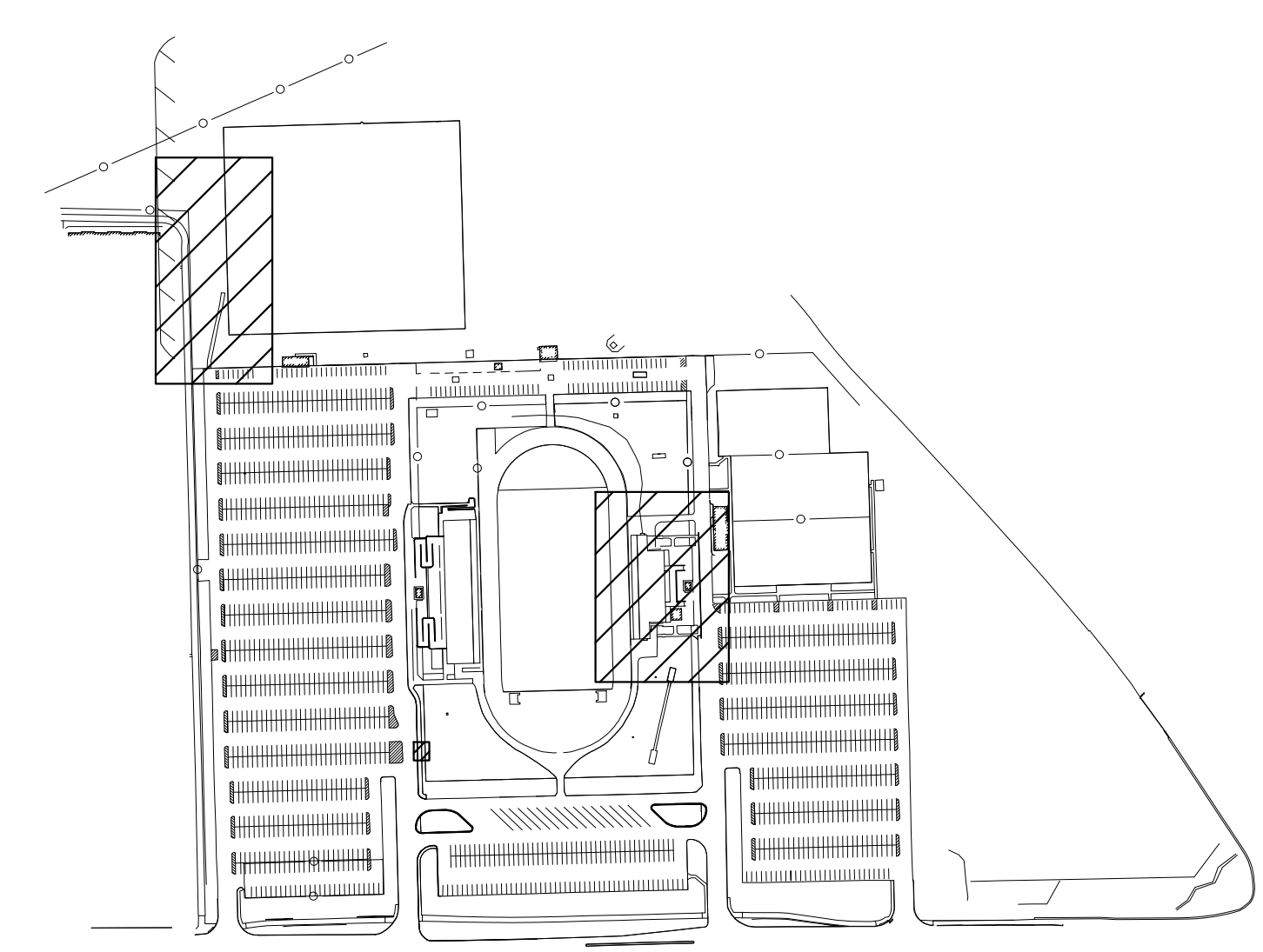
- APPROXIMATE LIMITS OF CONCRETE SIDEWALK REMOVAL
- APPROXIMATE LIMITS OF ASPHALT PAVEMENT REMOVAL
- APPROXIMATE LIMITS OF RAMPS, RETAINING WALLS, AND BUILDING STRUCTURE REMOVAL

## EROSION CONTROL LEGEND

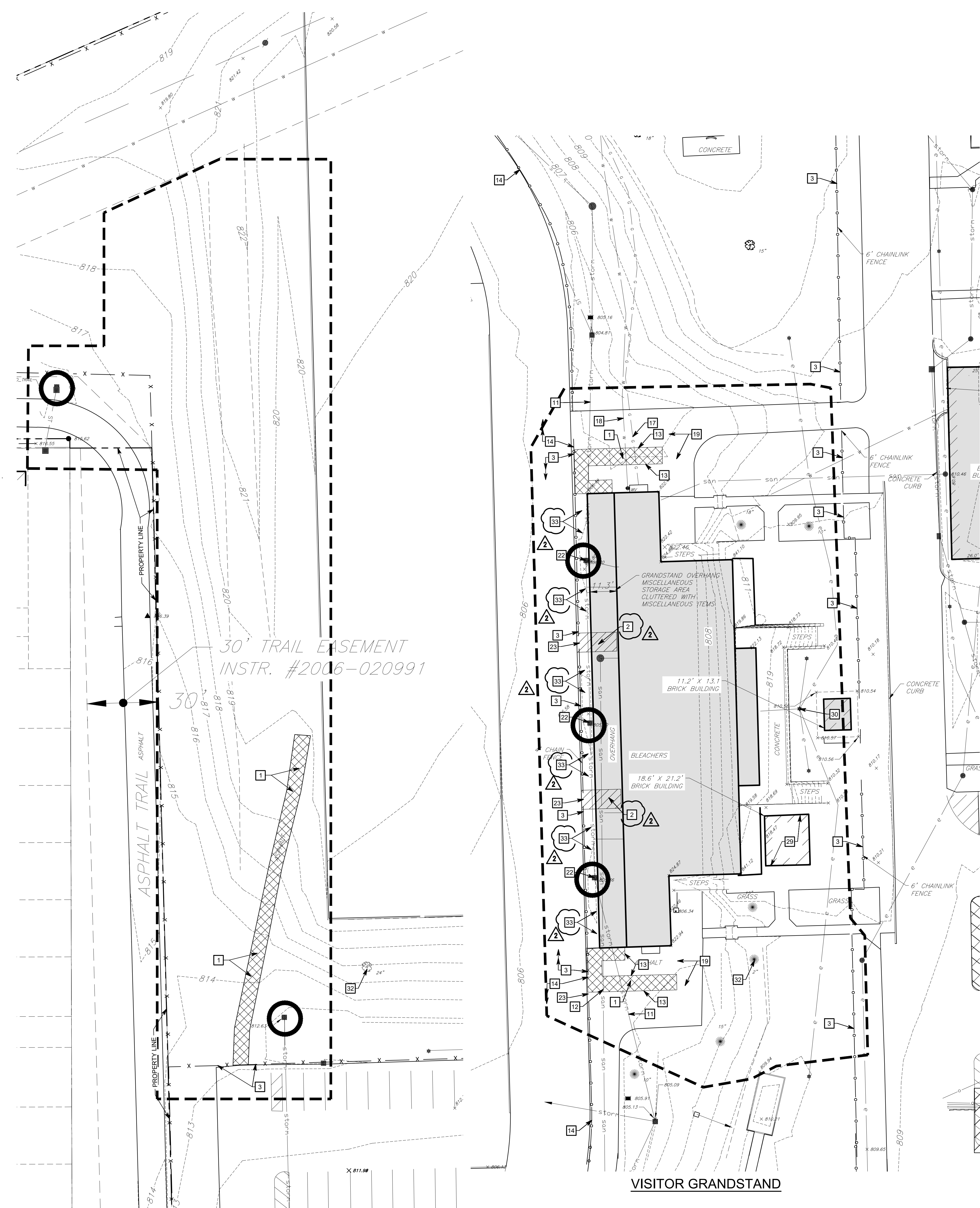
- SEDIMENT BAG INLET PROTECTION
- SILT FENCE
- CONSTRUCTION ENTRANCE
- CONSTRUCTION LIMITS

### EROSION CONTROL NOTES

- EROSION CONTROL MEASURES SHOWN ON THIS PLAN SHALL BE INSTALLED PRIOR TO DEMOLITION.
- SEE EROSION CONTROL PLANS ON SHEETS G3.1 & G3.2
- SEE EROSION CONTROL DETAILS ON SHEET G3.4

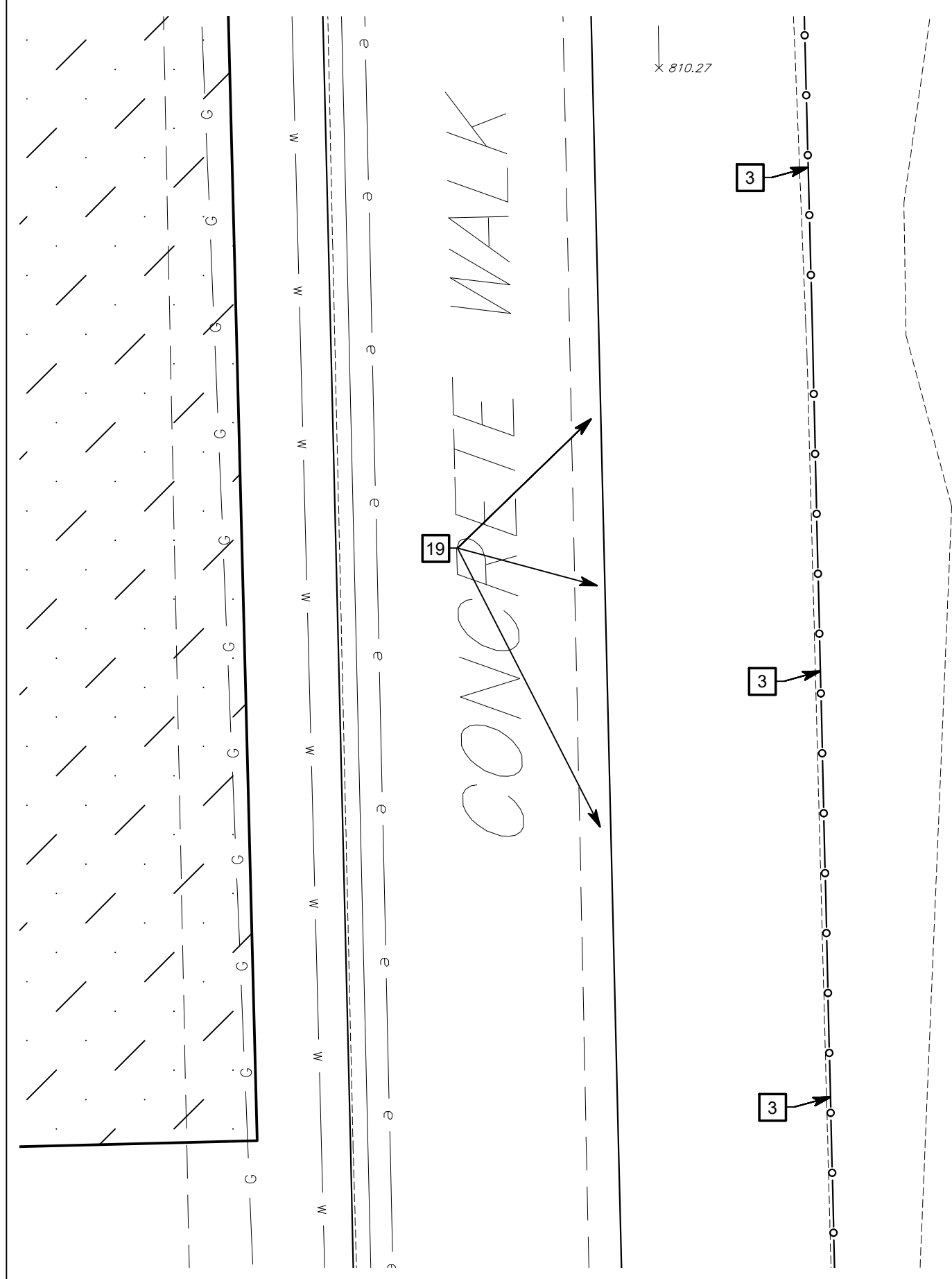


## LEGEND



## NORTHWEST PARKING LOT

## VISITOR GRANDSTAND



## TICKET BOOTH

SCALE 1" = 4'-0"



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Drawing Path: P:\2023\200\314\CAD\Civil\2024\05\_2024-214 - GD1.1 - 001.2 - Demolition Plans.dwg  
 Plotted By: cmahler Time of Plot: 8/22/24 - 4:03pm Last Edited: 8/22/24 - 3:51pm



# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

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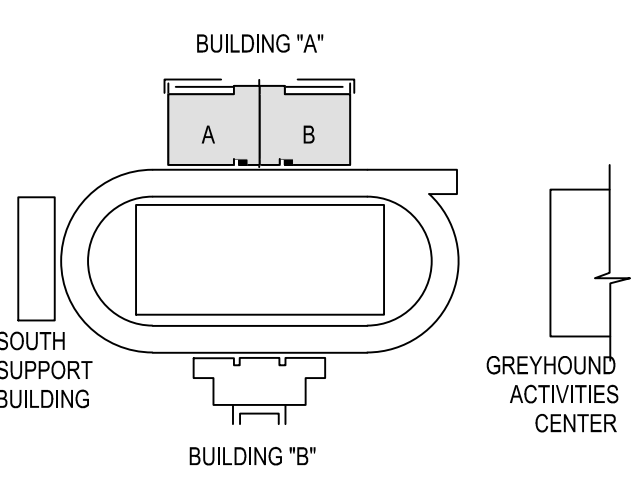


ARCHITECT

## FANNING HOWEY

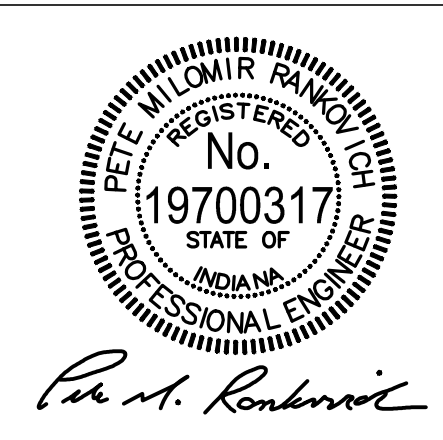
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### KEY PLAN

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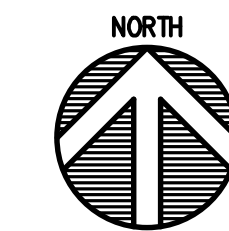


PROJECT MANAGER: PMR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

**SITE PLAN - VISITOR  
GRANDSTAND & NORTHWEST  
PARKING LOT**

# G1.2



### GENERAL NOTES

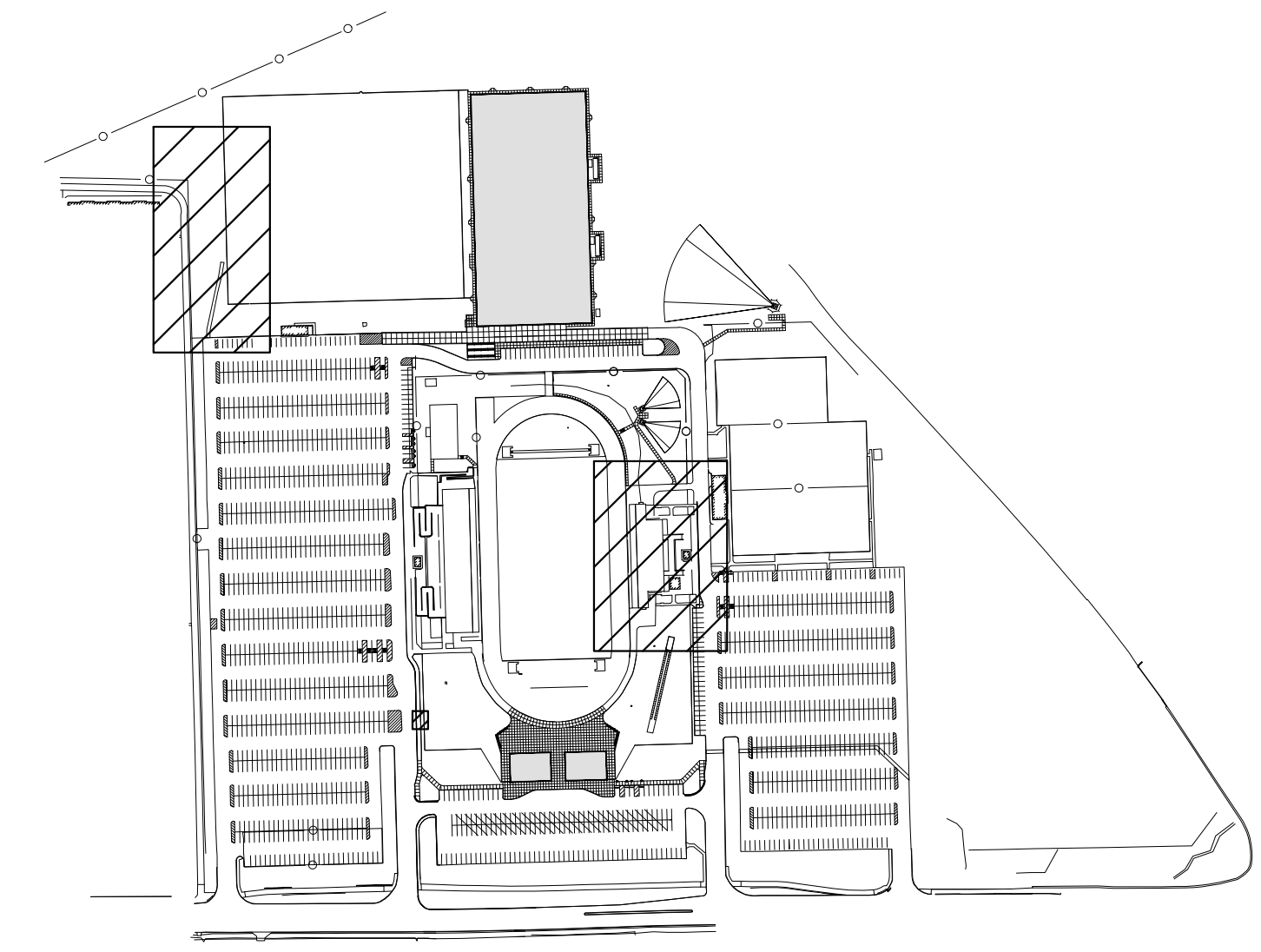
- SEE DRAWING GD0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
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### SITE KEYNOTES

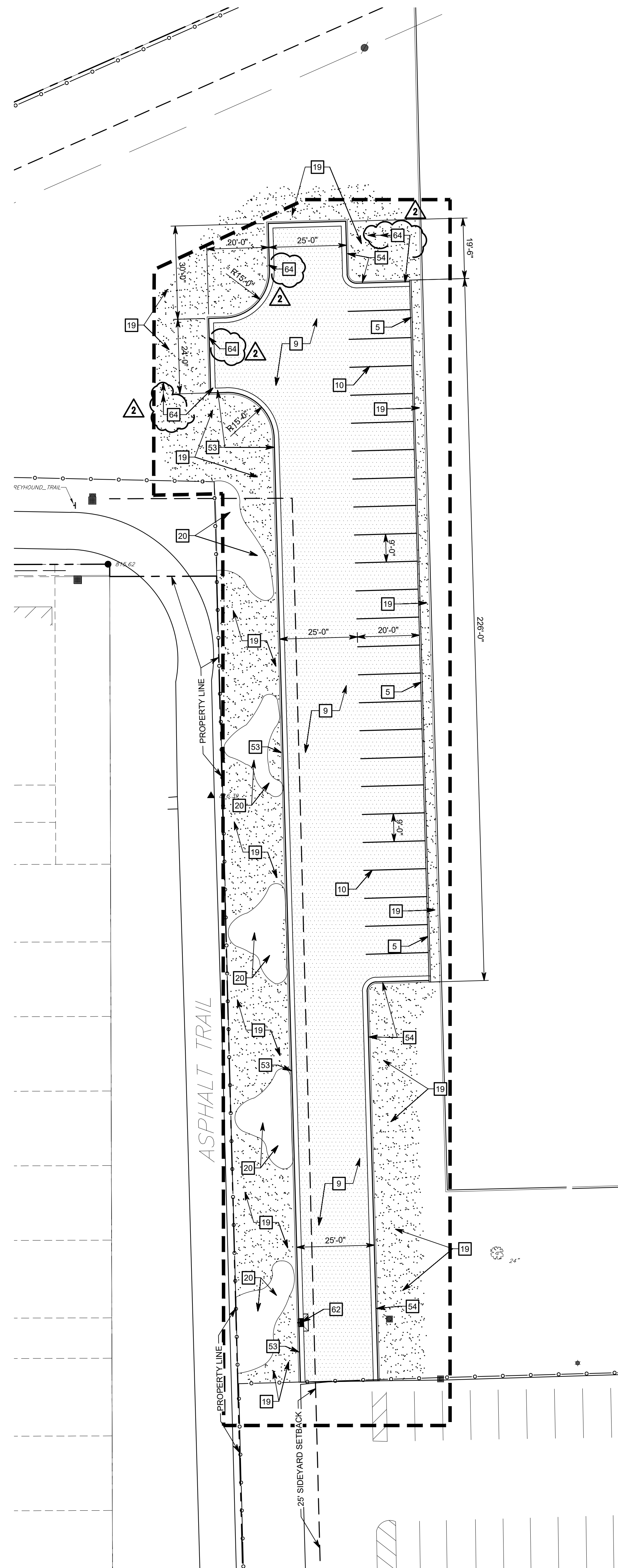
- 1 MASONRY COLUMNS (2X2) - SEE DETAIL G/G4.2
- 2 CONCRETE SIDEWALK - SEE DETAIL A/G4.1
- 5 CONCRETE STRAIGHT CURB - SEE DETAIL H/G4.1
- 9 ASPHALT PAVEMENT - SEE DETAIL S/G4.1
- 10 4" WIDE WHITE PAVEMENT MARKING - SEE SPECIFICATIONS
- 19 LAWN AREA - SEE LANDSCAPE PLAN
- 20 LANDSCAPE AREA - SEE LANDSCAPE PLAN
- 21 8' HT. ORNAMENTAL FENCE - SEE DETAIL J/G4.2
- 25 ORNAMENTAL FENCE 4' MANGATE - SEE DETAIL K/G4.2
- 29 ORNAMENTAL FENCE DOUBLE SWING (TWO 8' GATES) - SEE DETAIL H/G4.2
- 35 BIKE RACK - SEE DETAIL L/G4.2
- 37 TICKET BOOTH STRUCTURE (SEE ARCHITECTURAL PLANS) W/ FOOTING PER DETAIL A/G4.3
- 38 EXISTING CONCRETE TO PROPOSED CONCRETE CONNECTION - SEE DETAIL F/G4.1
- 39 ELEVATED ALUMINUM WALKWAY WITH CONCRETE SURFACE UNDER, SEE ARCHITECTURAL/STRUCTURAL PLANS
- 40 ALUMINUM RAMP 1, SEE ARCHITECTURAL/STRUCTURAL PLANS
- 41 ALUMINUM RAMP 2, SEE ARCHITECTURAL/STRUCTURAL PLANS
- 42 ALUMINUM STEPS 1, SEE ARCHITECTURAL/STRUCTURAL PLANS
- 43 ALUMINUM STEPS 2, SEE ARCHITECTURAL/STRUCTURAL PLANS
- 44 CONCRETE RAMP 2 W/ HANDRAILS BOTH SIDES OF RAMP, FOR RAILINGS REFER TO A10.5 & DETAIL V/G4.1
- 45 CONCRETE RAMP 3 W/ HANDRAILS BOTH SIDES OF RAMP, FOR RAILINGS REFER TO A10.5 & DETAIL V/G4.1
- 50 MOWSTRIP - SEE DETAIL G & H/L2.0
- 51 4' HT. ORNAMENTAL FENCE (ALTERNATE BID) - SEE DETAIL J/G4.2
- 53 CONCRETE CURB & GUTTER (CHAIRBACK) - SEE DETAIL K/G4.1
- 54 CONCRETE CURB & GUTTER (REVERSE CHAIRBACK) - SEE DETAIL J/G4.1
- 57 4' HT. ORNAMENTAL FENCE SLIDING GATE FOR 8' OPENING (ALTERNATE BID)
- 58 4' HT. ORNAMENTAL FENCE SLIDING GATE FOR 12' OPENING (ALTERNATE BID)
- 62 CONCRETE COLLAR - PER DETAIL P/G4.1
- 64 ROLL CURB - PER DETAIL M/G4.2
- 66 CONTROL JOINT - SEE DETAIL B/G4.1
- 67 EXPANSION JOINT - SEE DETAIL B/G4.1

### PROPOSED SITE LEGEND

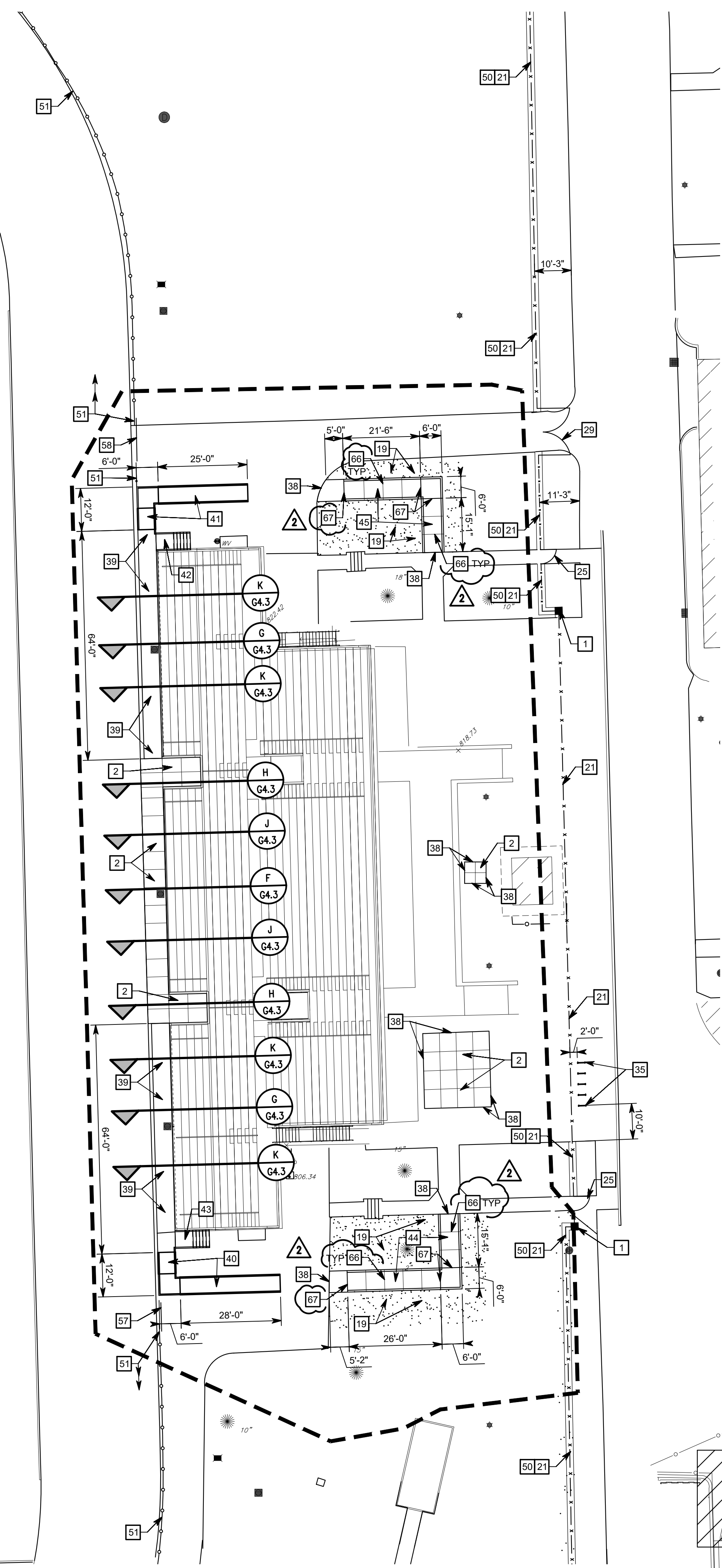
- - - APPROXIMATE LIMITS OF CONSTRUCTION
- [Solid Grey] BUILDING
- [Dotted Grey] CONCRETE SIDEWALK/PAVEMENT
- [Stippled Grey] ASPHALT PAVEMENT
- [Dotted Green] SEEDED LAWN
- (SJ) CONTROL JOINT - SEE DETAIL B/G4.1
- (EJ) EXPANSION JOINT - SEE DETAIL B/G4.1
- (IJ) ISOLATION JOINT - SEE DETAIL N/G4.1



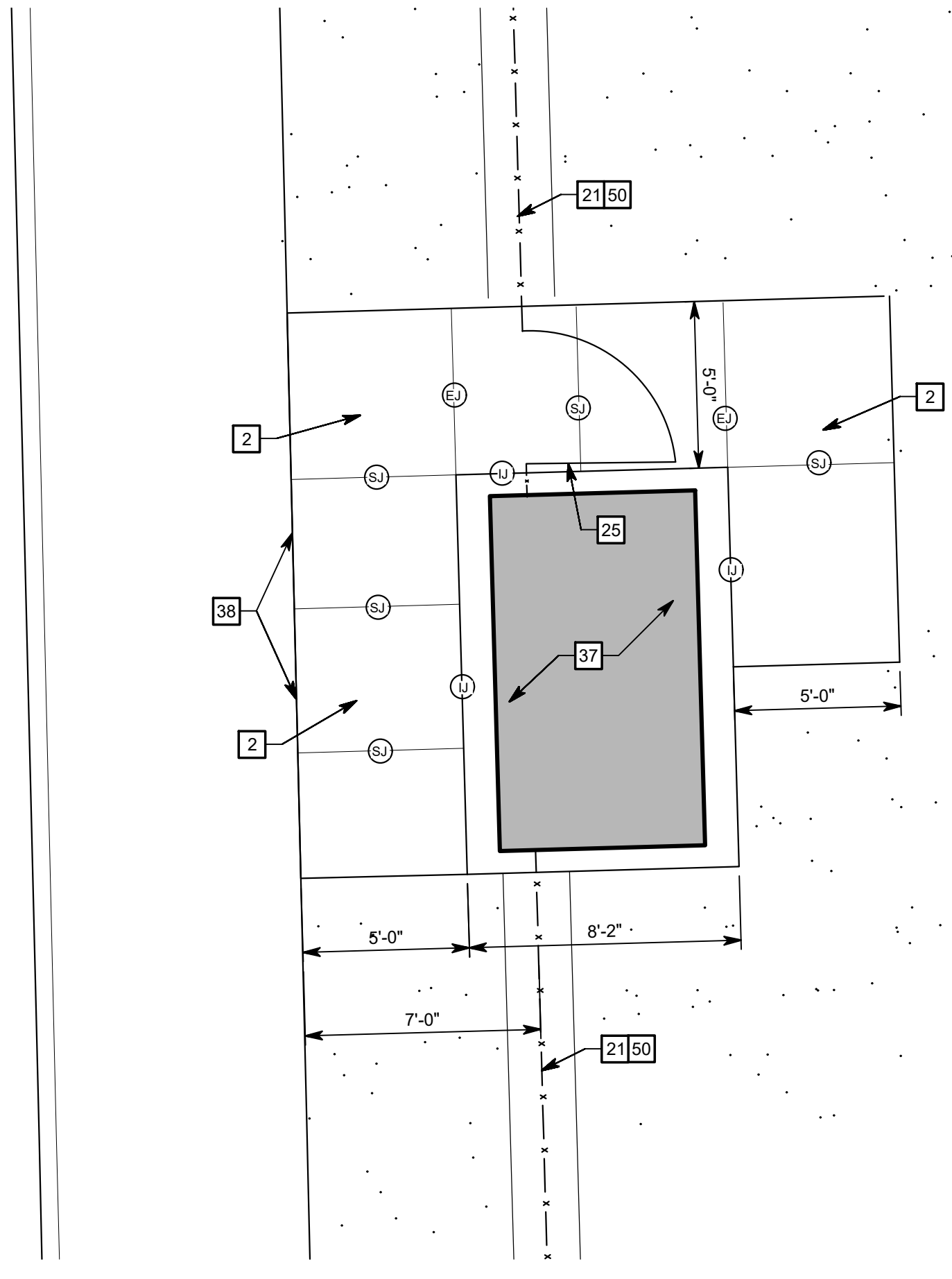
### LEGEND



**NORTHWEST PARKING LOT**



**VISITOR GRANDSTAND**



**TICKET BOOTH**  
1" = 4'-0"



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Drawings Path: P:\2023\2003\214\CA\01\Arch\A07\_2023-214 - C11 - 01.2 - Site Plan.dwg  
Printed By: smailer Time of Plot: 8/22/24 - 4:03pm Last Edited: 8/22/24 - 3:53pm

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E Main Street, Carmel, IN 46033  
317-944-0991

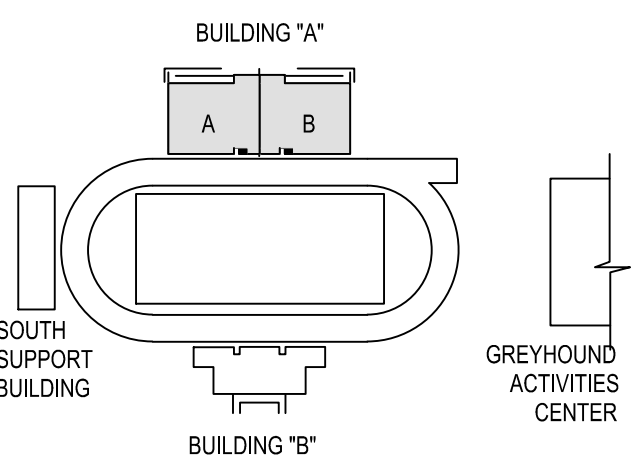
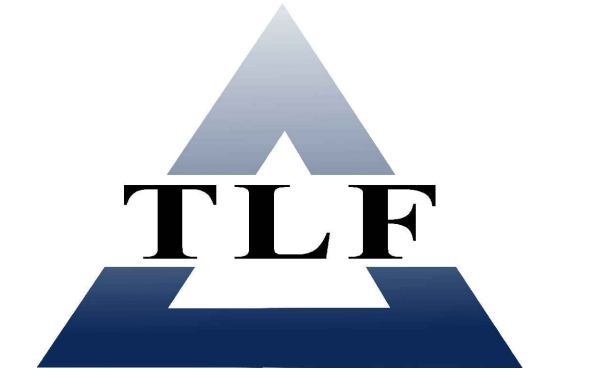


## ARCHITECT



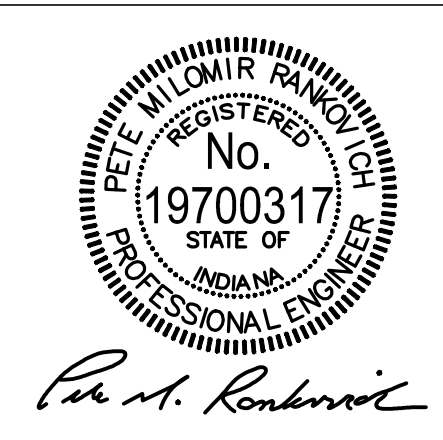
317.848.0966 WWW.FHAI.COM  
300 E NEW YORK ST, SUITE 300, INDIANAPOLIS IN 46204

## CONSULTANT



## KEY PLAN

## 100% CONSTRUCTION DOCUMENTS

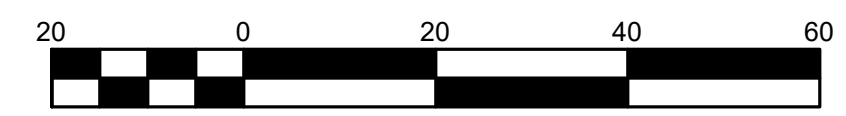
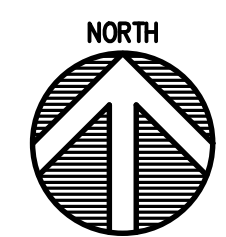


PROJECT MANAGER: PWR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

## GRADING PLAN - HOME GRANDSTAND

# G2.1



## GRADING PLAN LEGEND

- EXISTING BUILDING
- PROPOSED BUILDING ADDITION
- 100% CLOGGED INLET GRATE PONDING
- PROPOSED CONTOUR W/ ELEVATION
- PROPOSED SPOT ELEVATION
- PROPOSED CURB ELEVATION
- MATCH EXISTING GRADE
- TOP OF CURB
- BOTTOM OF CURB
- EDGE OF PAVEMENT
- FLOWLINE
- TOP OF WALL
- EXISTING SPOT ELEVATION
- EXISTING CONTOUR W/ ELEVATION
- EXISTING STORM SEWER
- EXISTING SANITARY SEWER
- EXISTING WATER LINE
- EXISTING ELECTRIC LINE
- PROPOSED STORM SEWER
- PROPOSED STORM MANHOLE
- PROPOSED NYLOPLAST STRUCTURE
- PROPOSED STORM / SANITARY CLEANOUT
- PROPOSED SANITARY SEWER
- PROPOSED SANITARY MANHOLE
- APPROXIMATE LIMITS OF CONSTRUCTION
- TREE PROTECTION

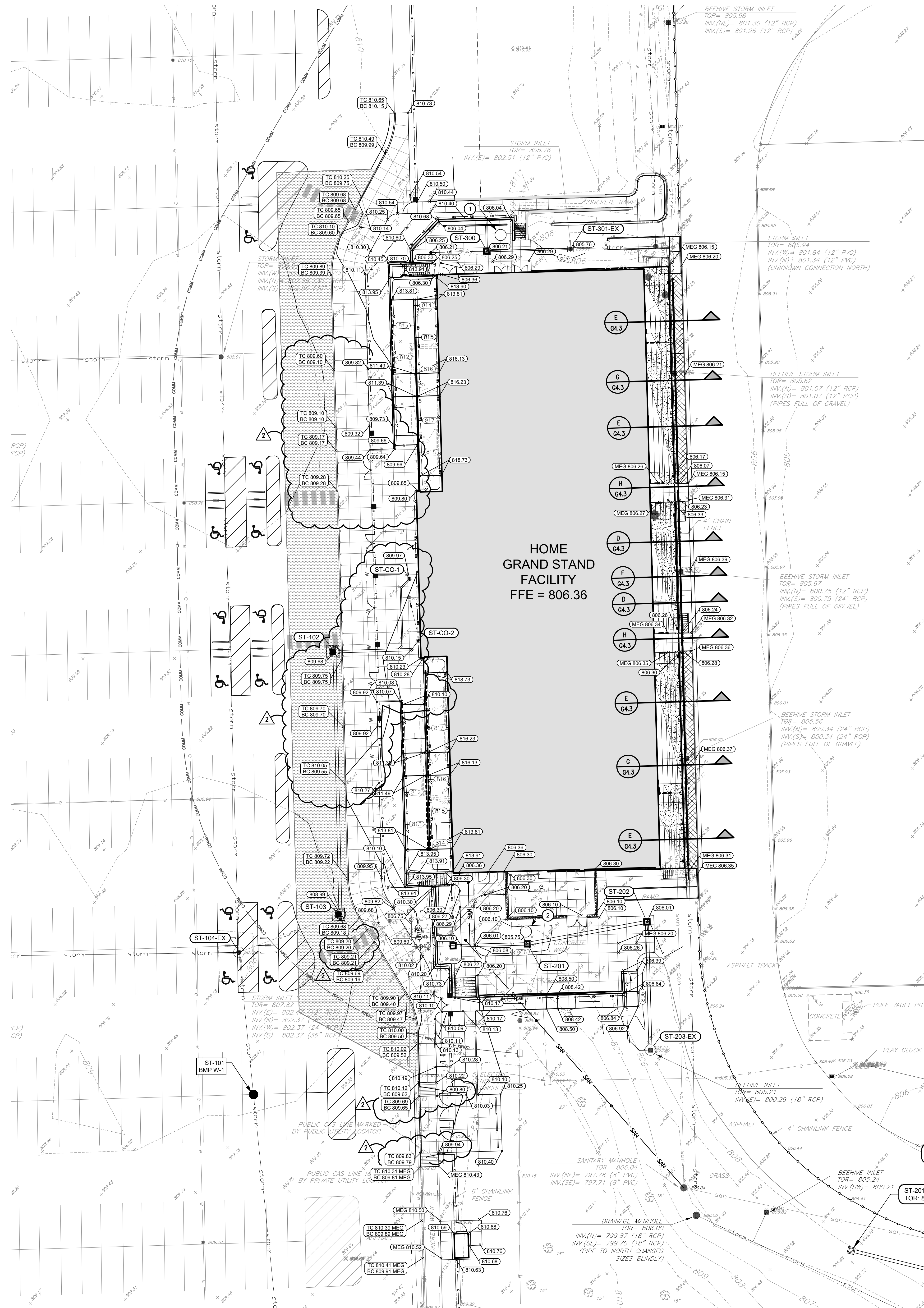
SEE SURVEY SHEET FOR ADDITIONAL LEGEND INFORMATION

## GENERAL NOTES

- SEE DRAWING GD0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
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- SEE STORM STRUCTURE TABLE ON SHEET SU1.2 FOR PIPE SIZES, MATERIAL AND INVERTS OF STORM SEWER.
- ALL EXISTING PERIMETER ROAD DRAINAGE STRUCTURES AND BRIDGES ACROSS THE FRONTAGE OF THIS DEVELOPMENT ARE INDICATED ON THE PLANS. PROVISIONS HAVE BEEN MADE TO IMPROVE OR REPLACE ANY DRAINAGE STRUCTURES AND BRIDGES AS NECESSARY OR AS REQUEST BY THE CITY TO ACCOMMODATE THE PAVEMENT WIDENING, AUXILIARY LANES, MULTI-USE PATH, AND ANY OTHER REQUIRED IMPROVEMENTS TO THE PROPERTY OR THE ROADWAY. THE COST TO IMPROVE OR REPLACE ANY DRAINAGE STRUCTURES AND BRIDGES WILL BE BORNE BY THE DEVELOPER.
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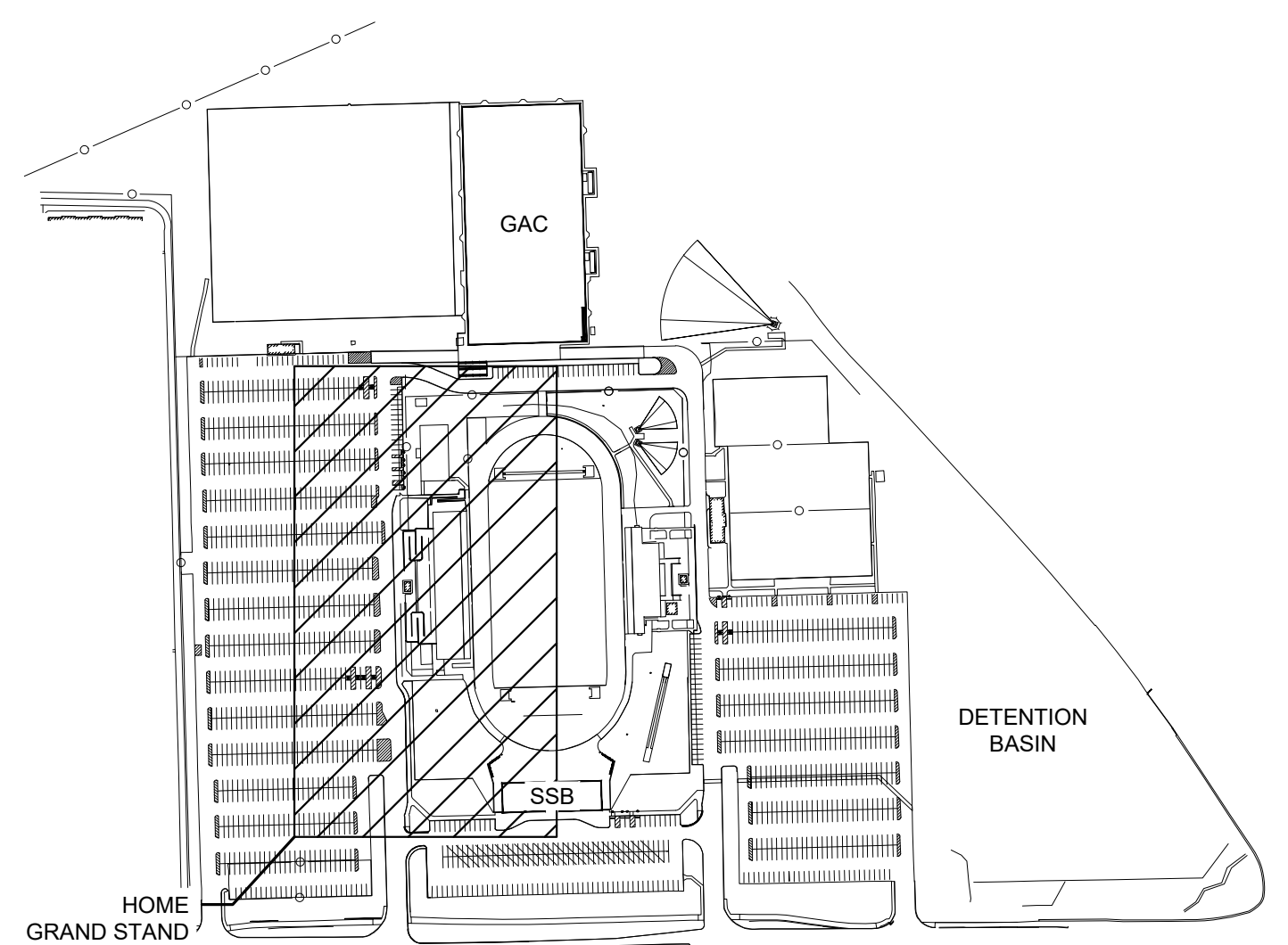
## GRADING KEYNOTES

- TOP OF NEW NORTH SPORTS LIGHT POLE FOUNDATION/PIER ELEVATION = 808.12.
- TOP OF NEW SOUTH SPORTS LIGHT POLE FOUNDATION/PIER ELEVATION = 809.12.



HOME GRAND STAND  
FFE = 806.36

## LEGEND



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5201 E. Main Street, Carmel, IN 46033  
317-944-9961

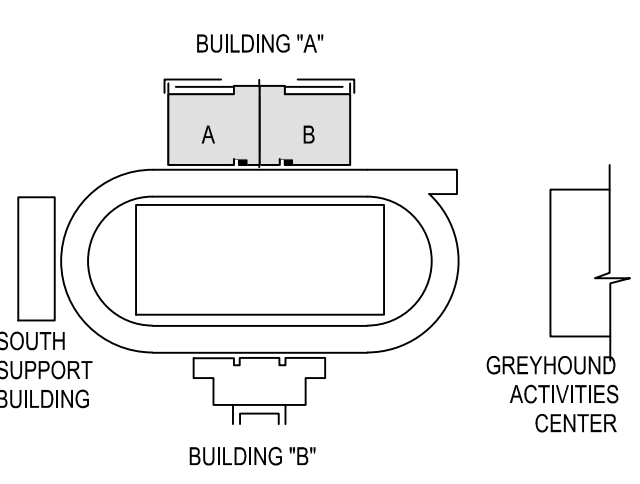


ARCHITECT



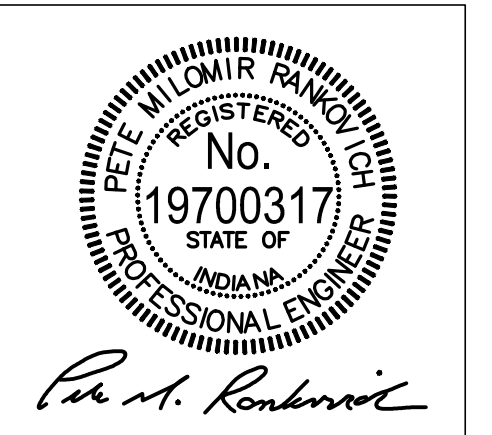
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KEY PLAN

100% CONSTRUCTION DOCUMENTS

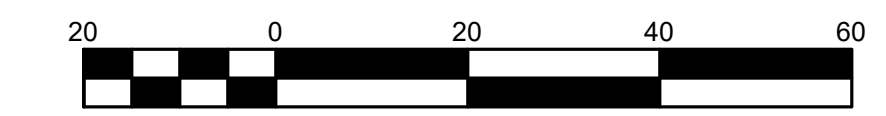
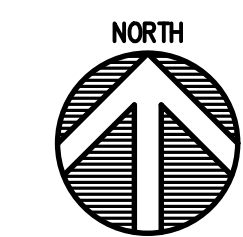


PROJECT MANAGER: PWR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

GRADING PLAN - VISITOR  
GRANDSTAND & NORTHWEST  
PARKING LOT

# G2.2

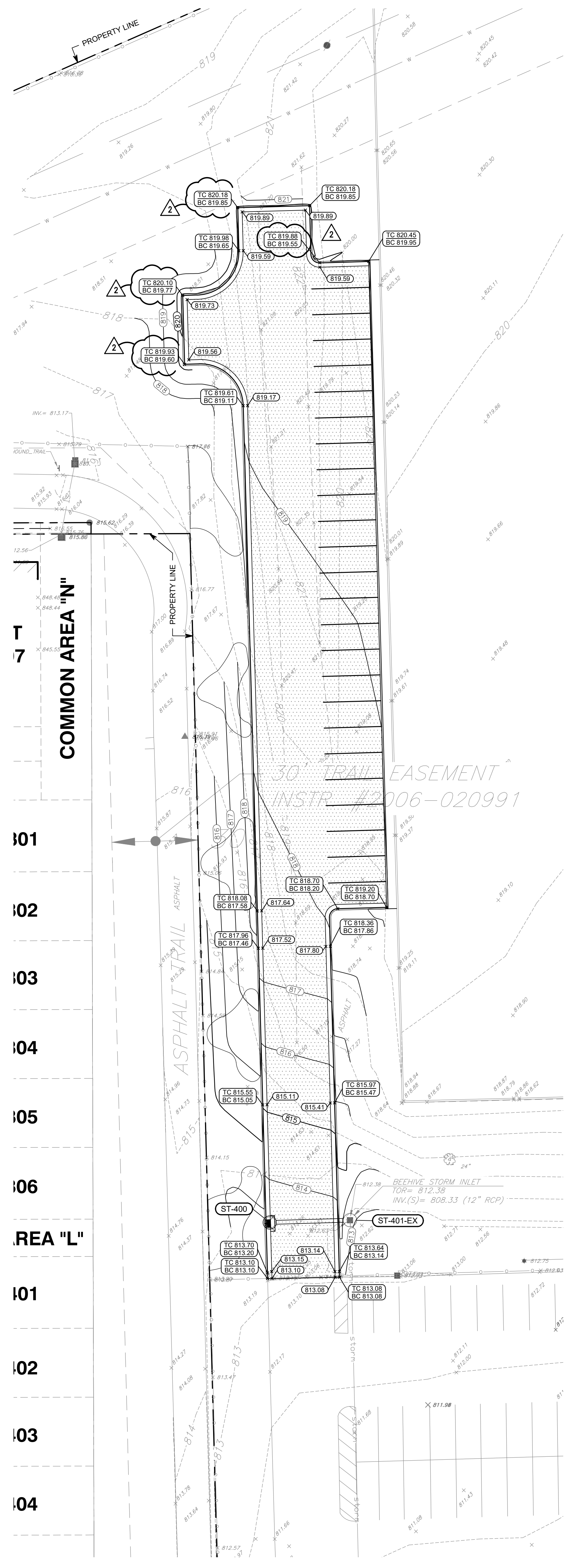


### GRADING PLAN LEGEND

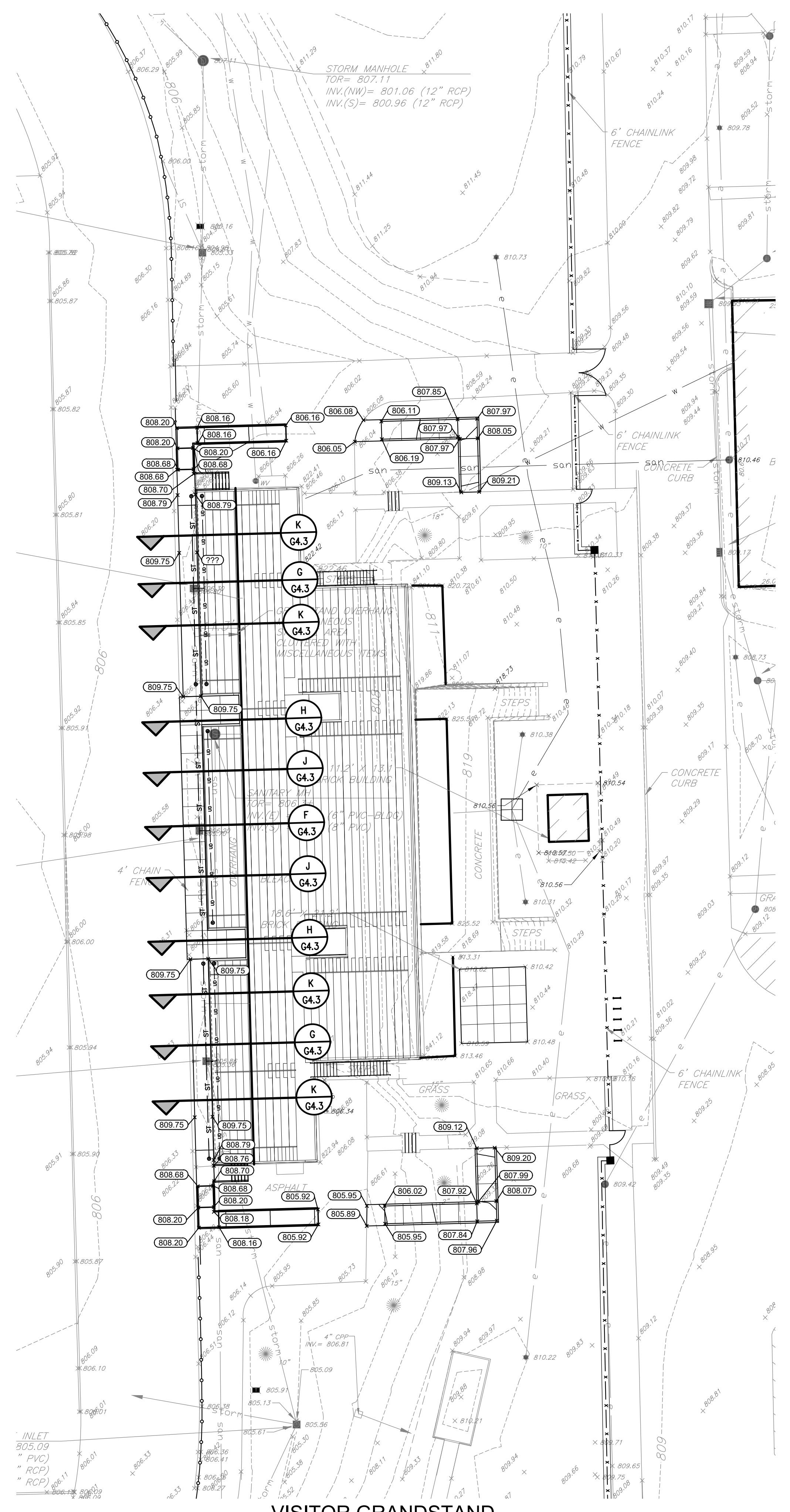
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  - PROPOSED BUILDING ADDITION
  - 100% CLOGGED INLET GRATE PONDING
  - PROPOSED CONTOUR W/ ELEVATION
  - PROPOSED SPOT ELEVATION
  - PROPOSED CURB ELEVATION
  - MEG MATCH EXISTING GRADE
  - TC TOP OF CURB
  - BC BOTTOM OF CURB
  - EP EDGE OF PAVEMENT
  - FL FLOWLINE
  - TW TOP OF WALL
  - EXISTING SPOT ELEVATION
  - EXISTING CONTOUR W/ ELEVATION
  - ST EXISTING STORM SEWER
  - S EXISTING SANITARY SEWER
  - W EXISTING WATER LINE
  - E EXISTING ELECTRIC LINE
  - PROPOSED STORM SEWER
  - PROPOSED STORM MANHOLE
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NORTHWEST PARKING LOT

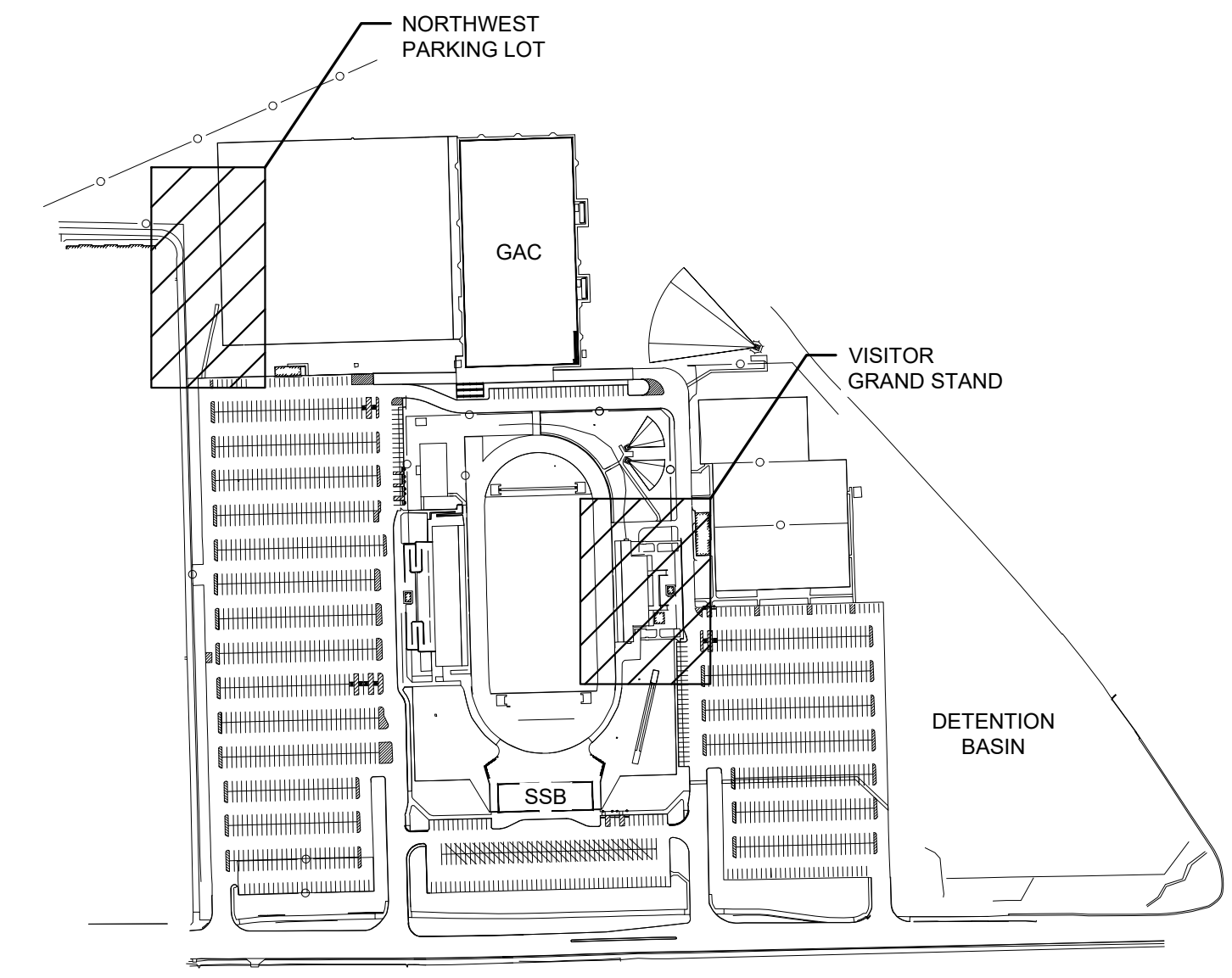


VISITOR GRANDSTAND

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LEGEND

Drawing Path: P:\2023\2001\214\CA\01\Grading\Plan\G2.2 - Stadium Grading Plan.dwg  
Printed By: cshaller Time of Print: 8/22/24 - 4:05pm Last Edited: 8/22/24 - 3:59pm

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

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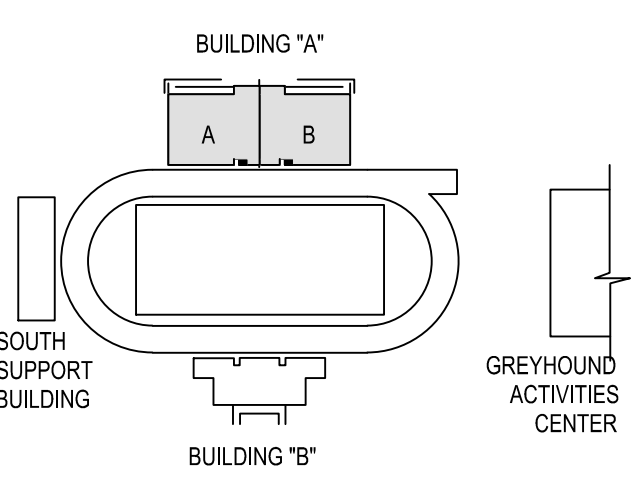


ARCHITECT



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KEY PLAN

100% CONSTRUCTION DOCUMENTS

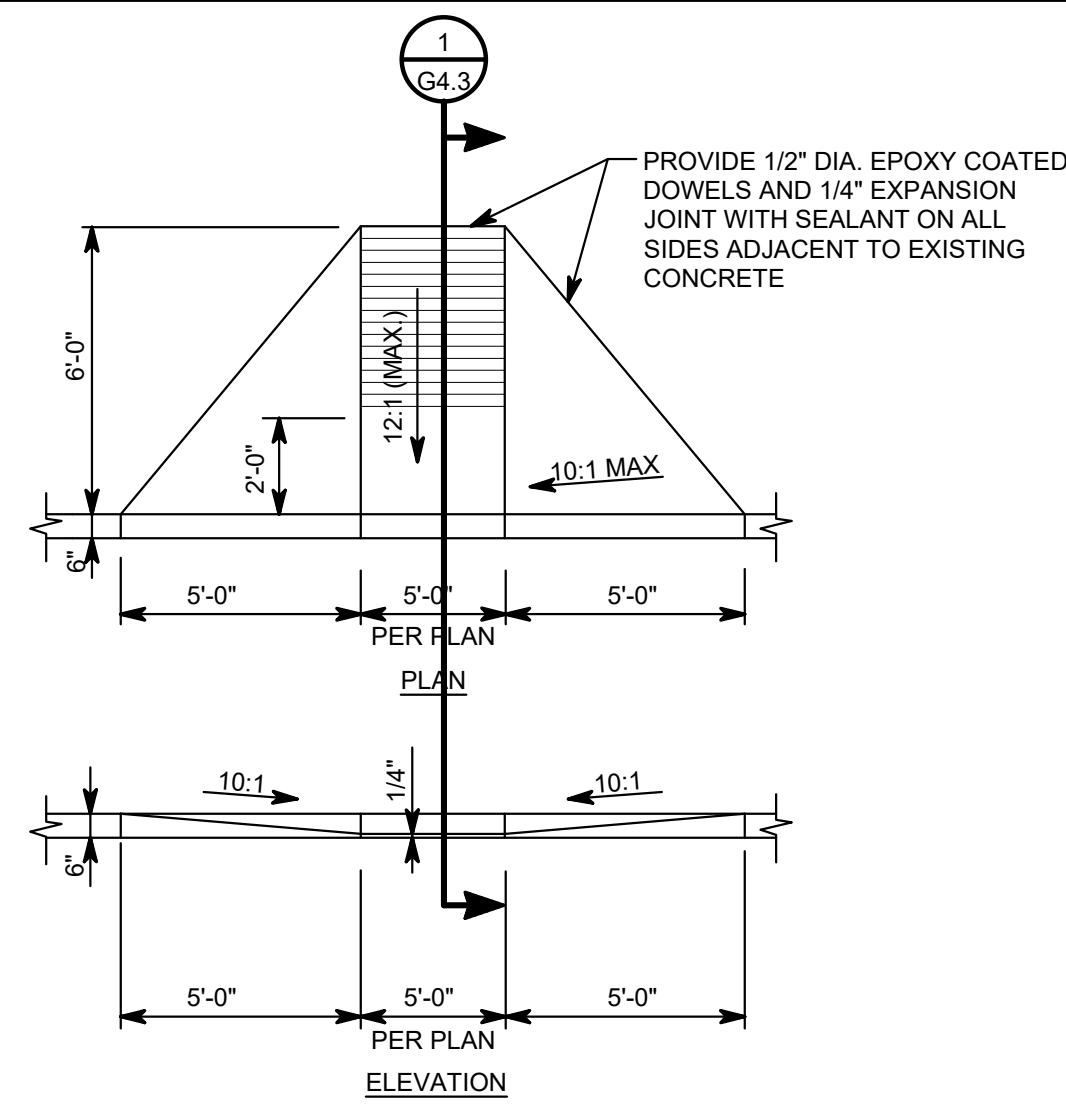


PROJECT MANAGER: PWR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

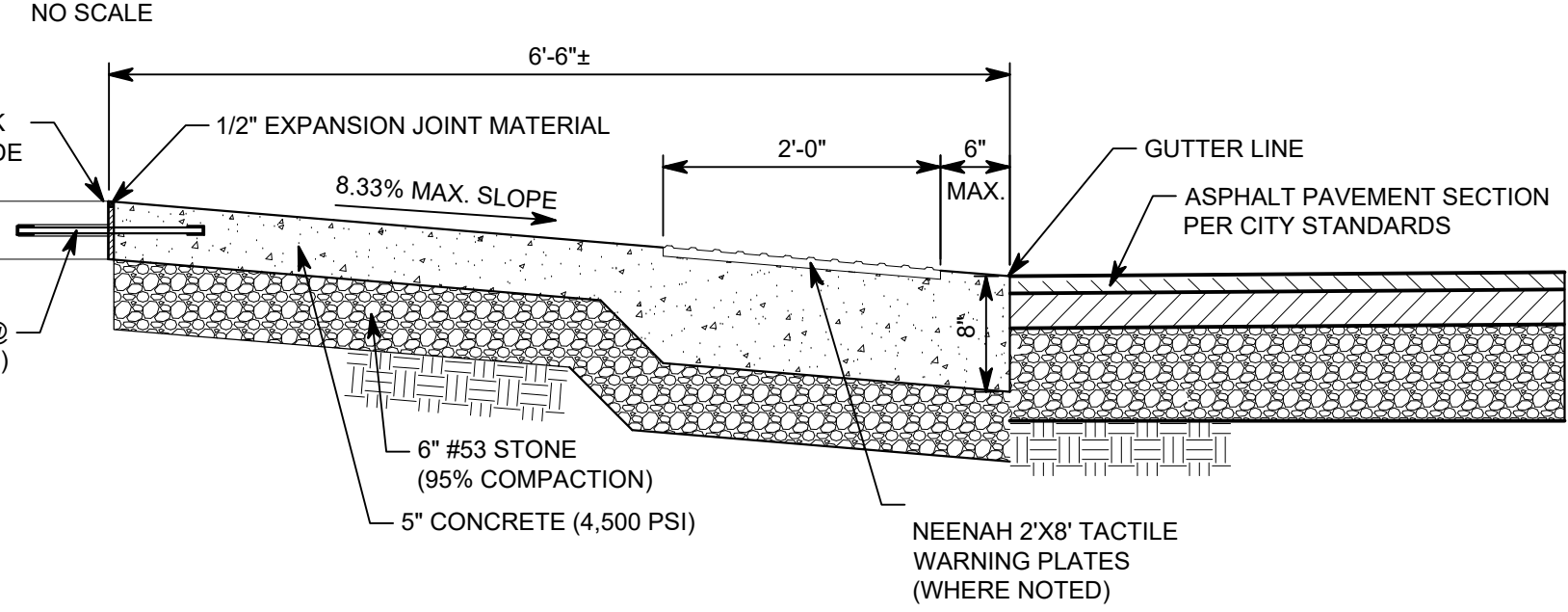
REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
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SITE DETAILS

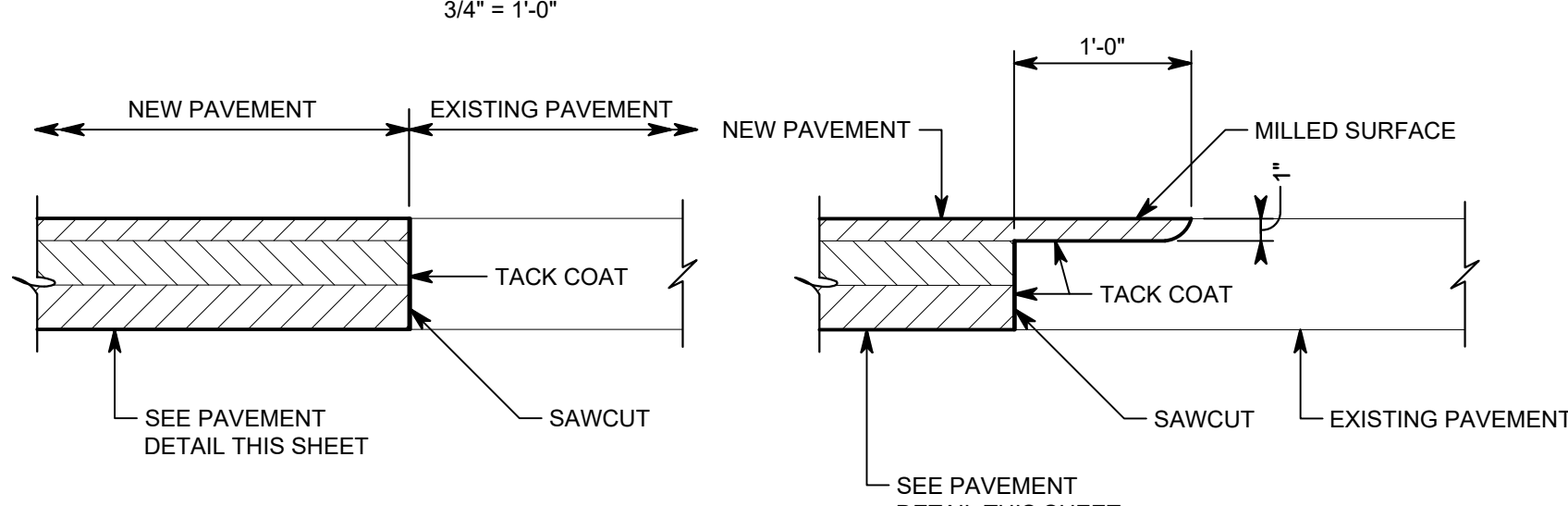
# G4.1



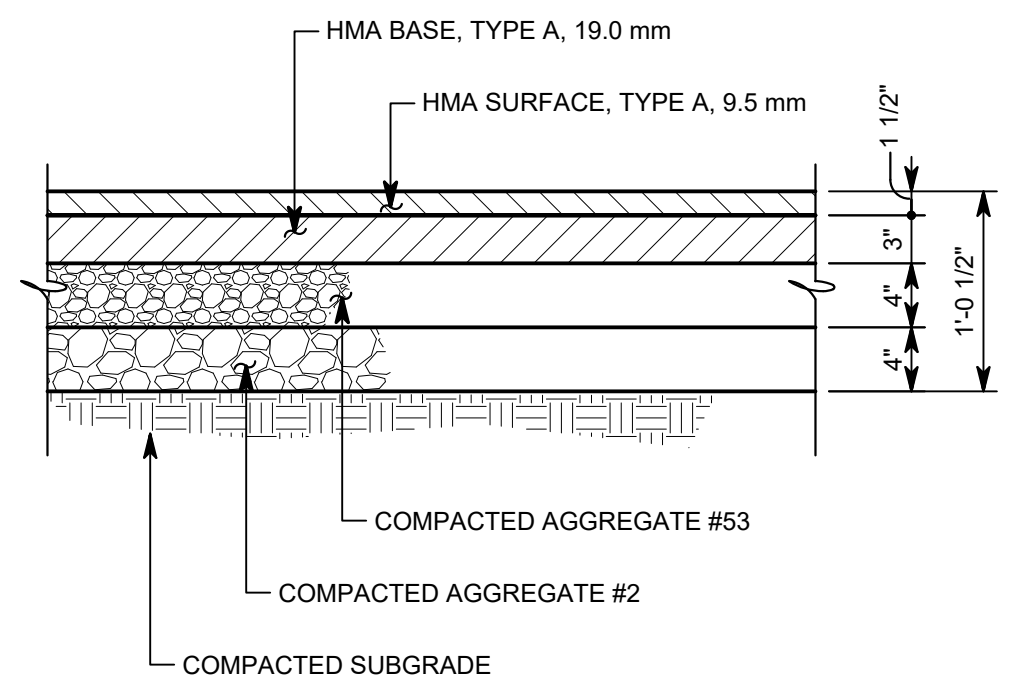
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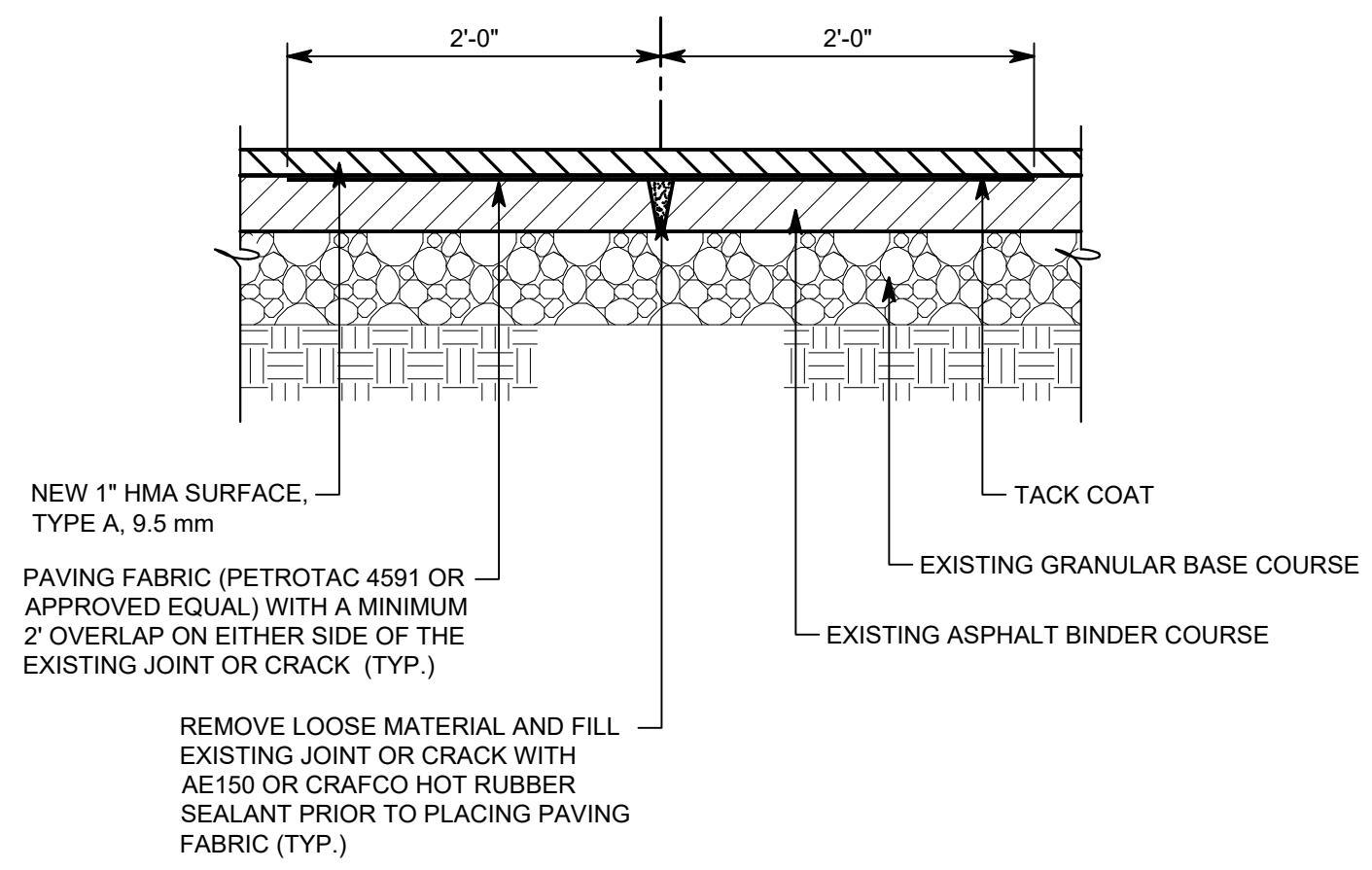
### SIDEWALK RAMP - SECTION 1



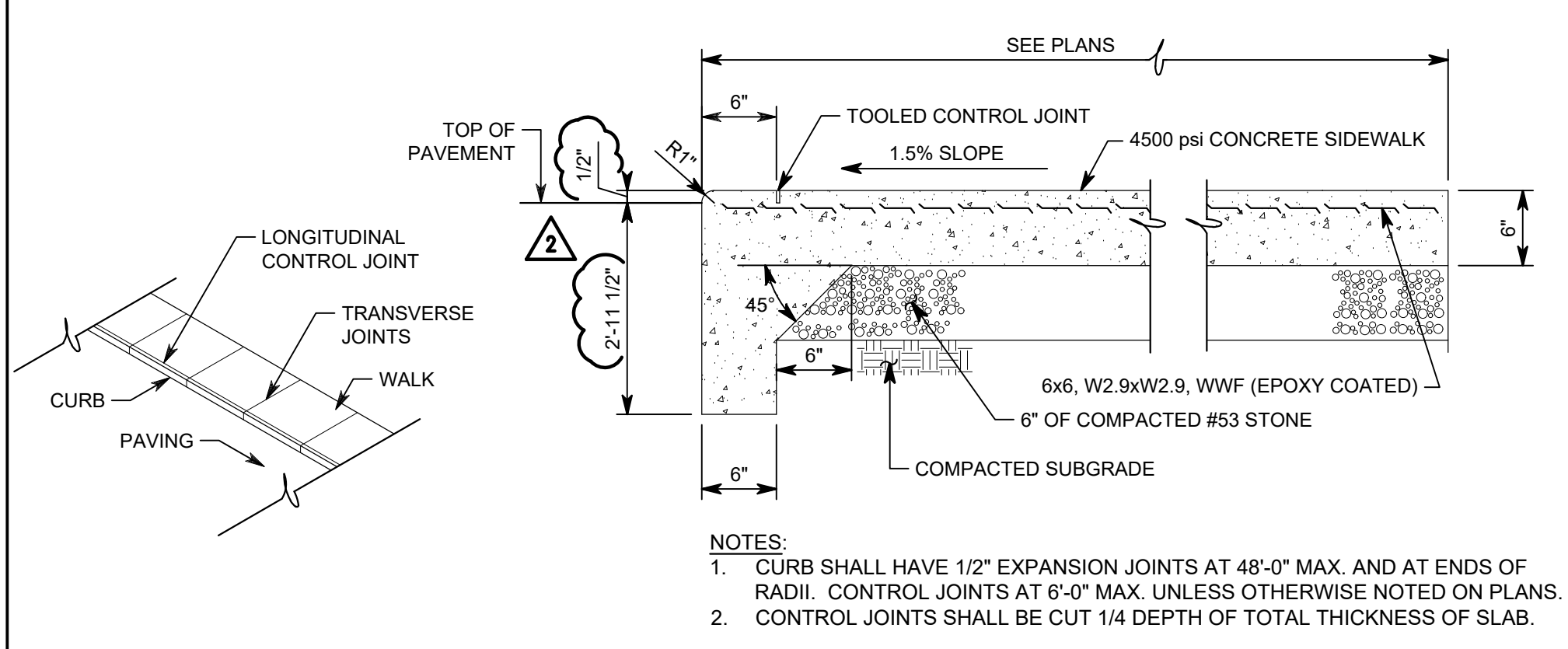
### PAVEMENT INTERFACE - DETAIL R



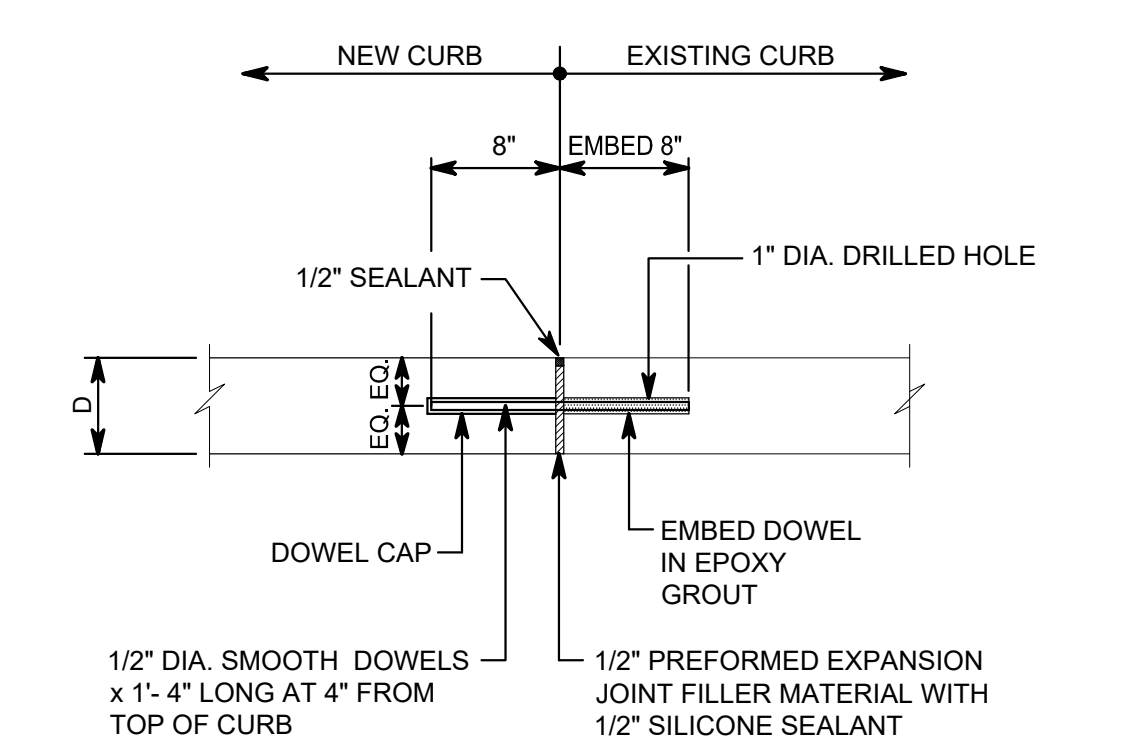
### MEDIUM DUTY ASPHALT PAVEMENT - DETAIL S



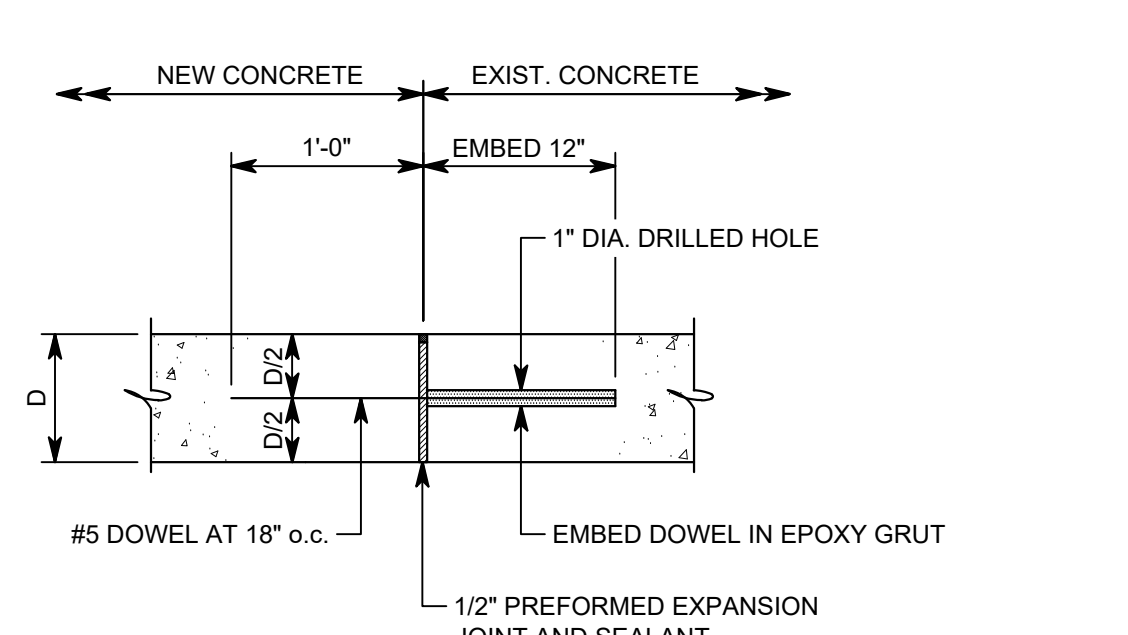
### PAVEMENT OVERLAY - DETAIL T



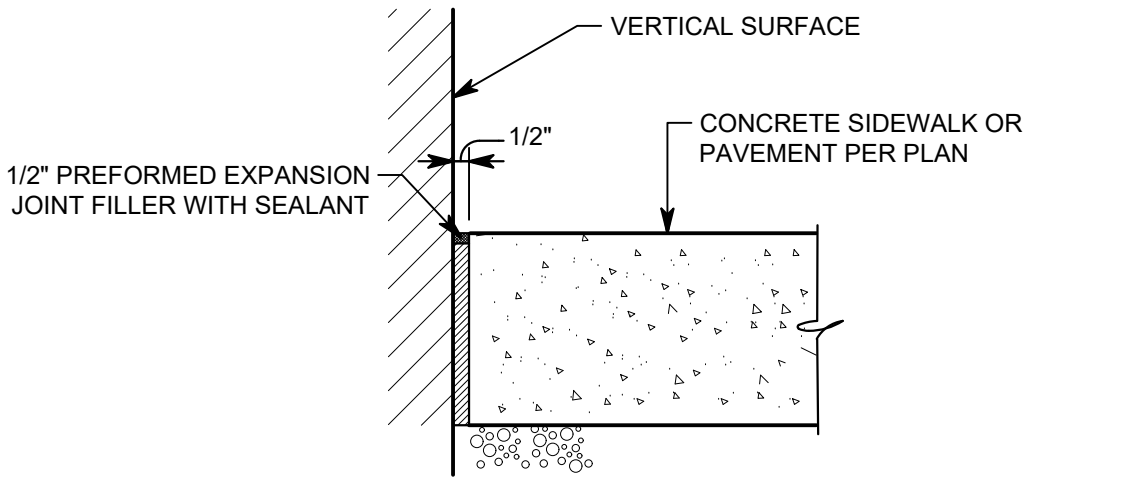
### LOW PROFILE MONOLITHIC CURB AND WALK - DETAIL U



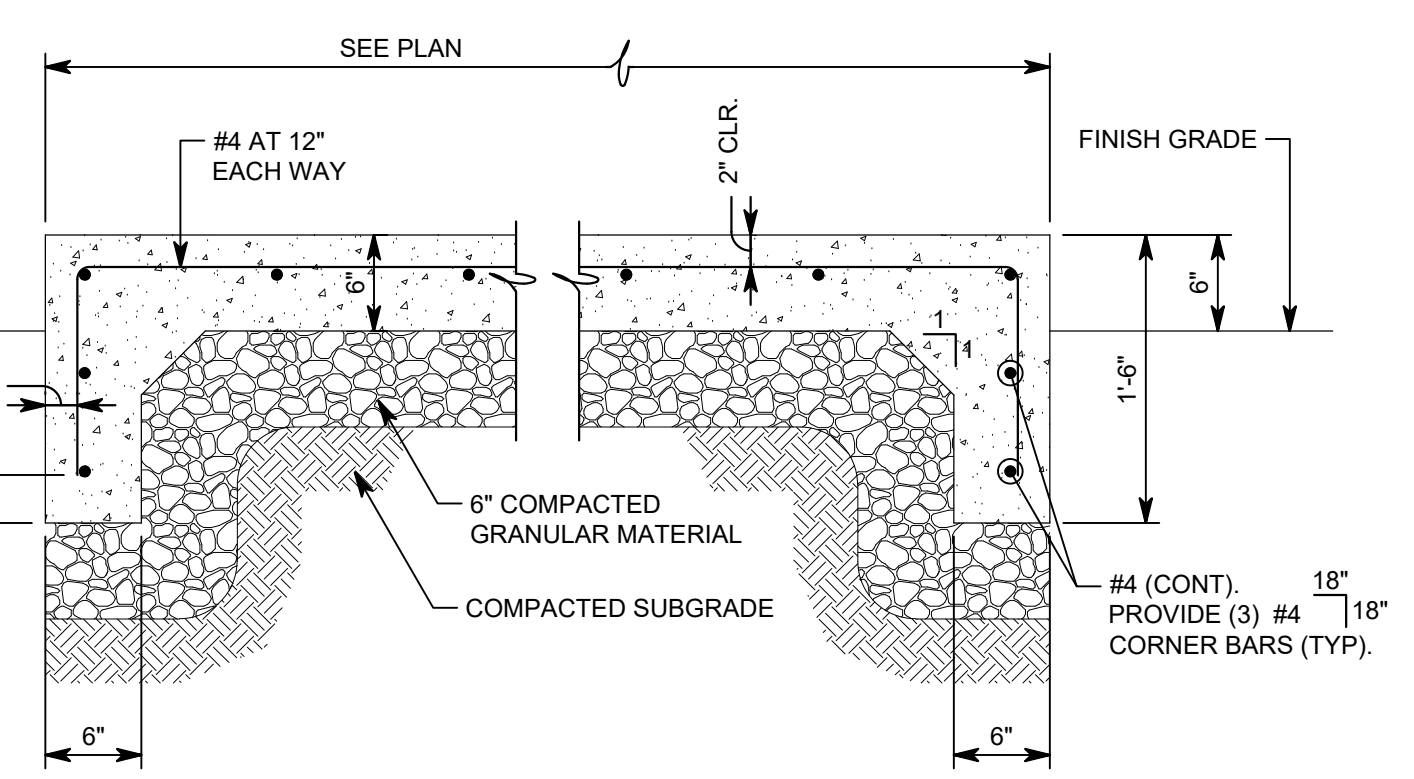
### CONCRETE CURB CONNECTION - DETAIL M



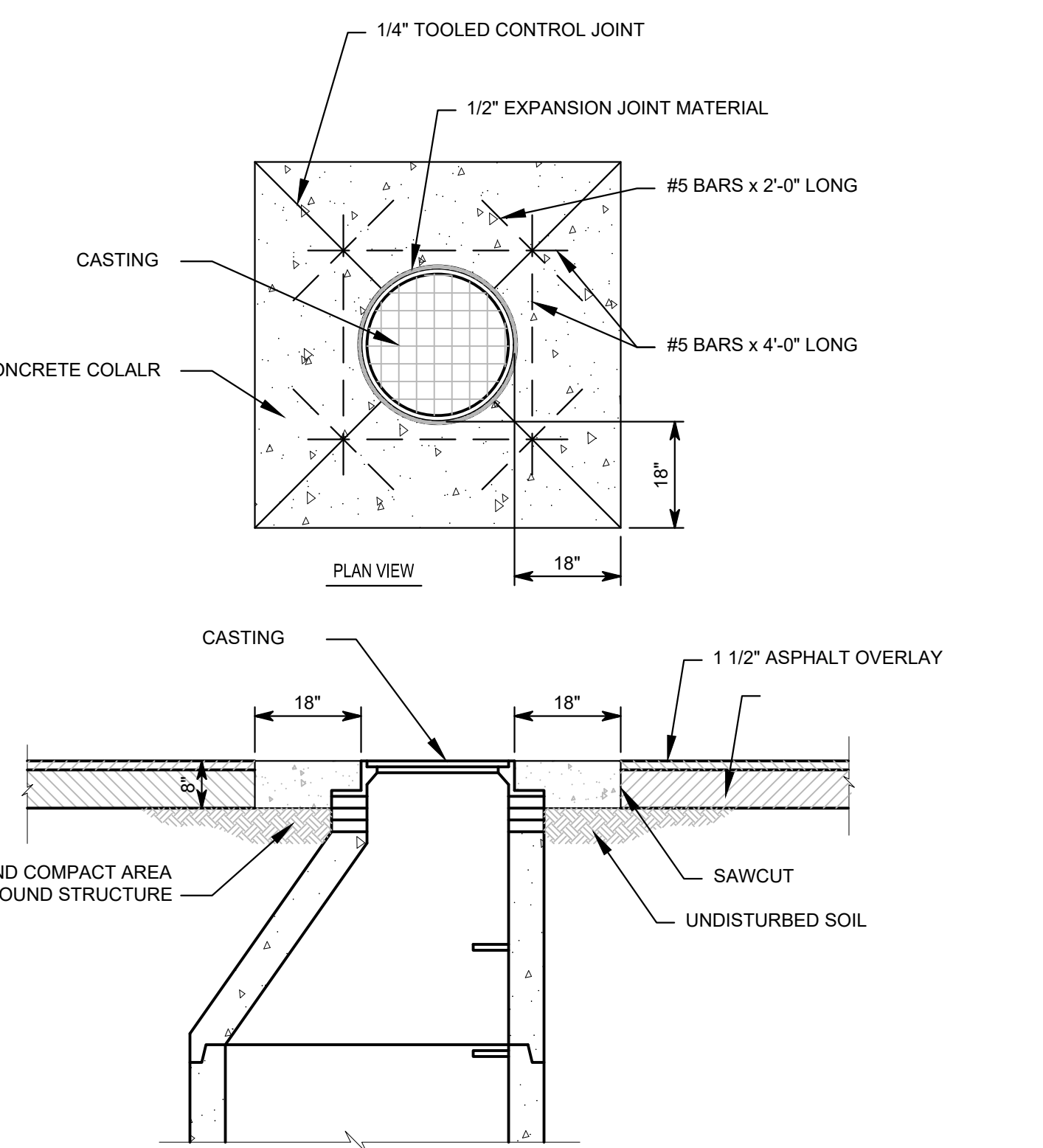
### CONCRETE CONNECTION - DETAIL F



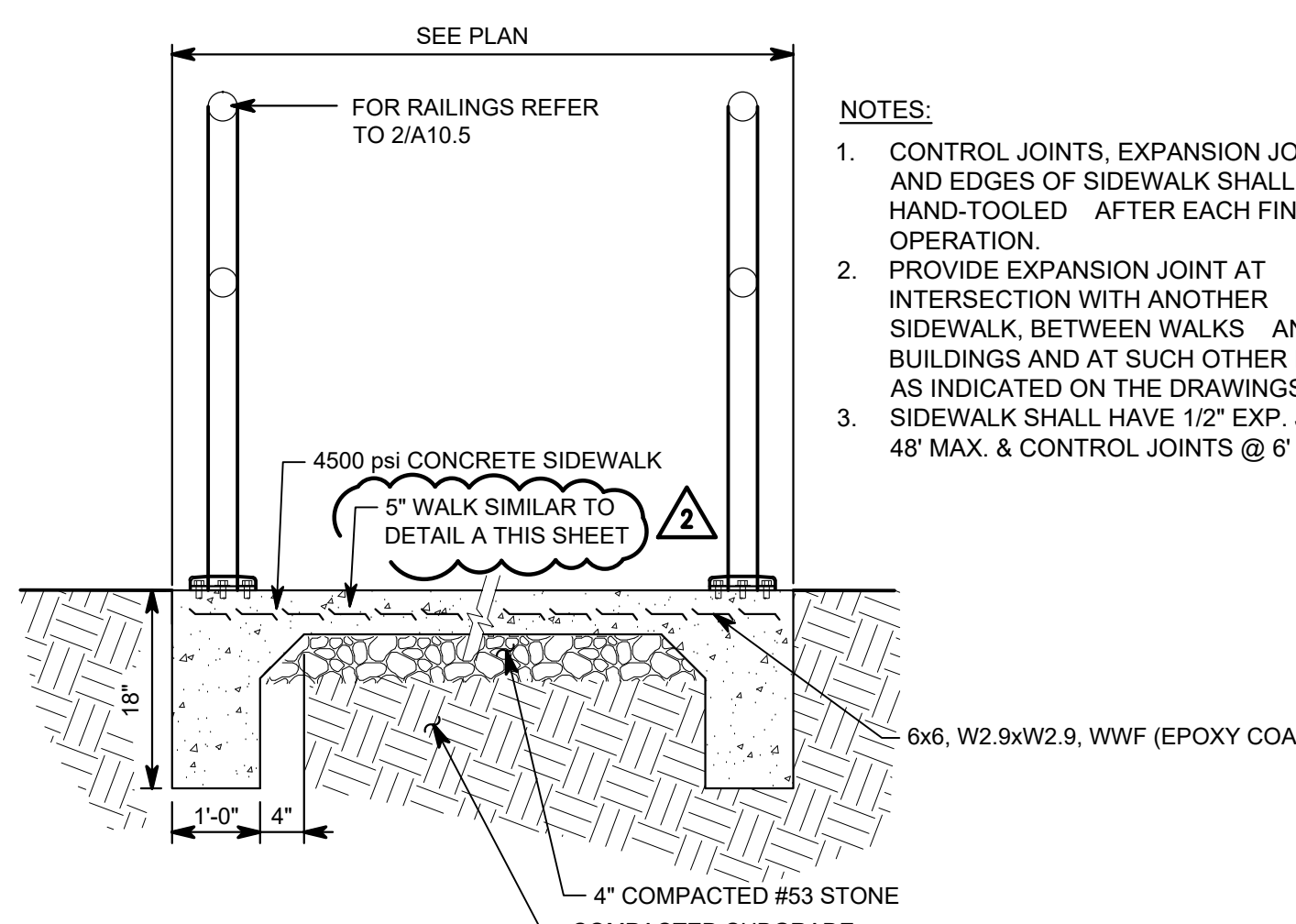
### PAVEMENT ISOLATION JOINT - DETAIL N



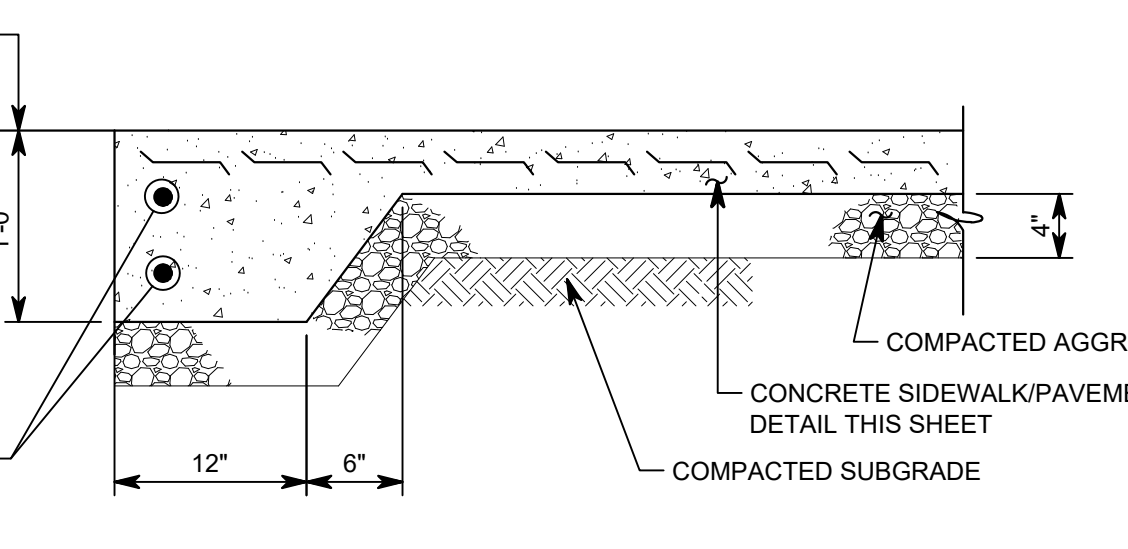
### CONCRETE EQUIPMENT PAD - DETAIL O



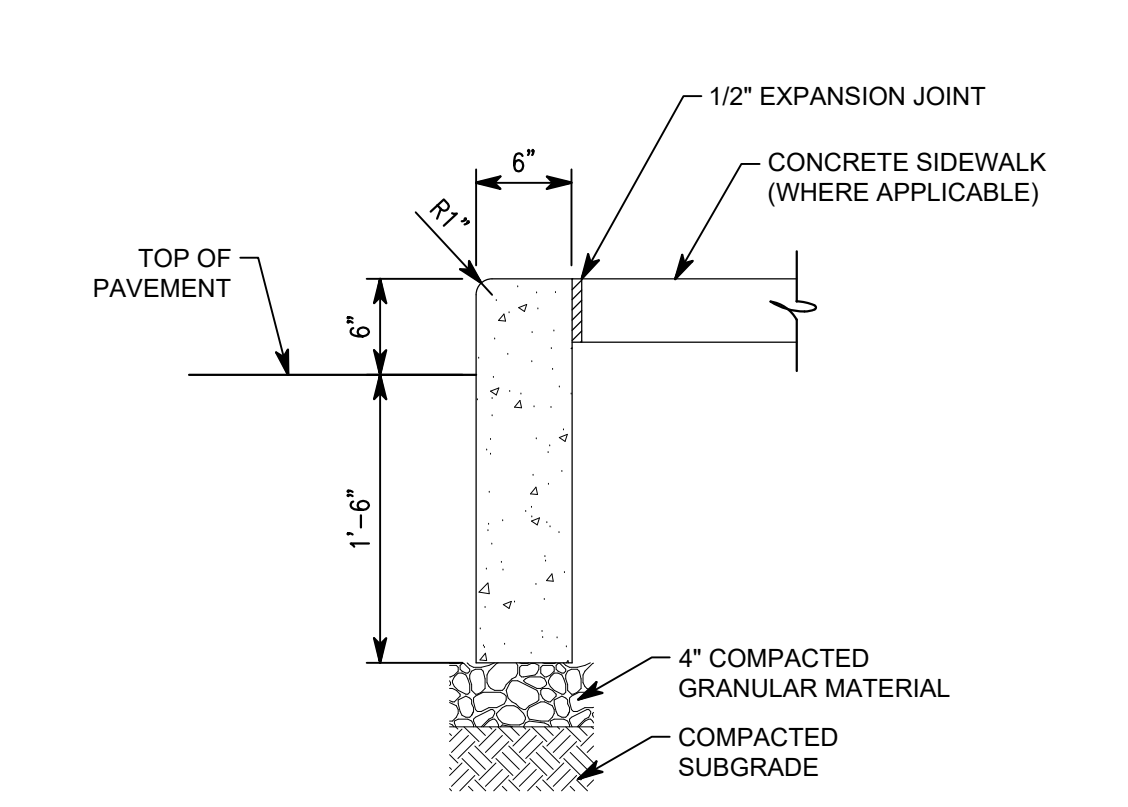
### CONCRETE COLLAR - DETAIL P



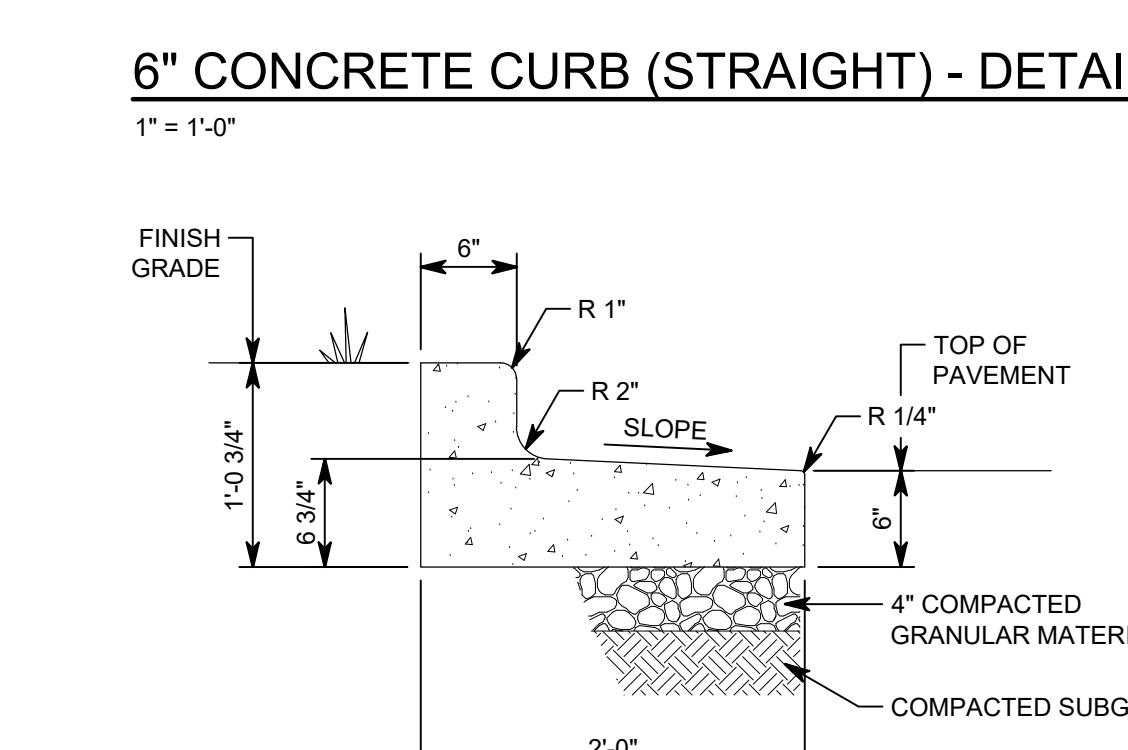
### RAMP W/ HANDRAIL - DETAIL V



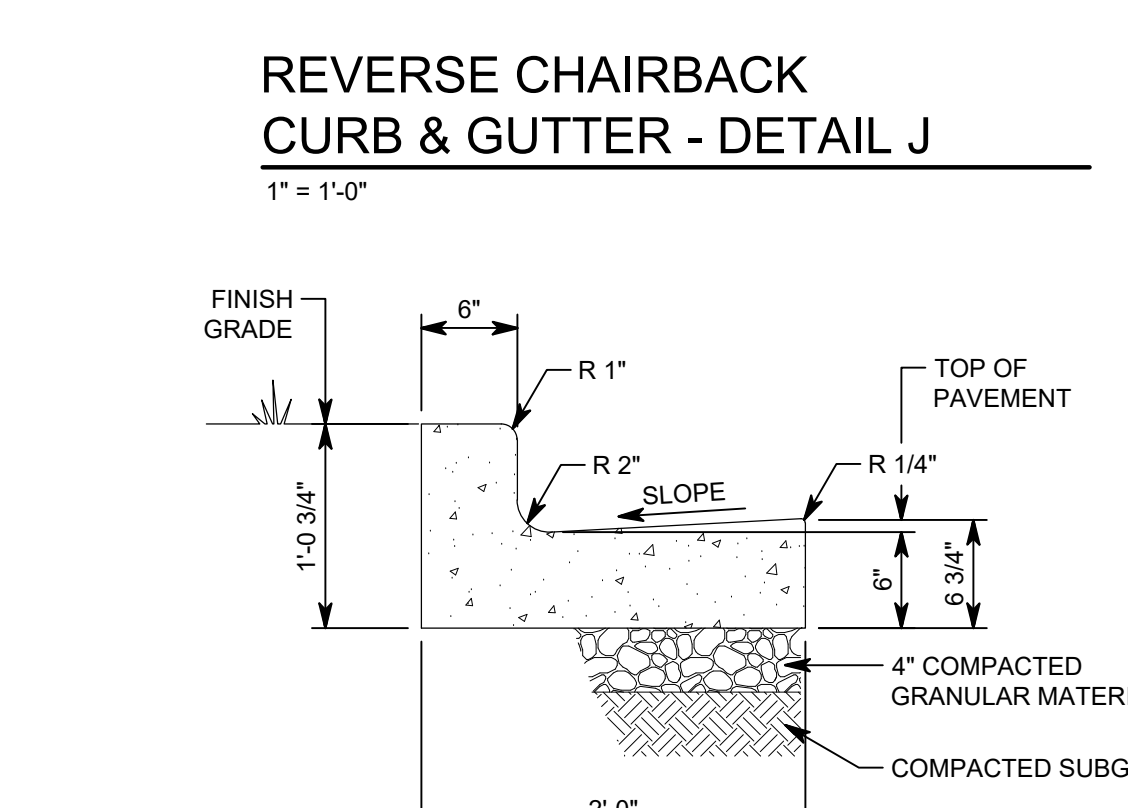
### CONCRETE / ASPHALT PAVEMENT INTERFACE - DETAIL G



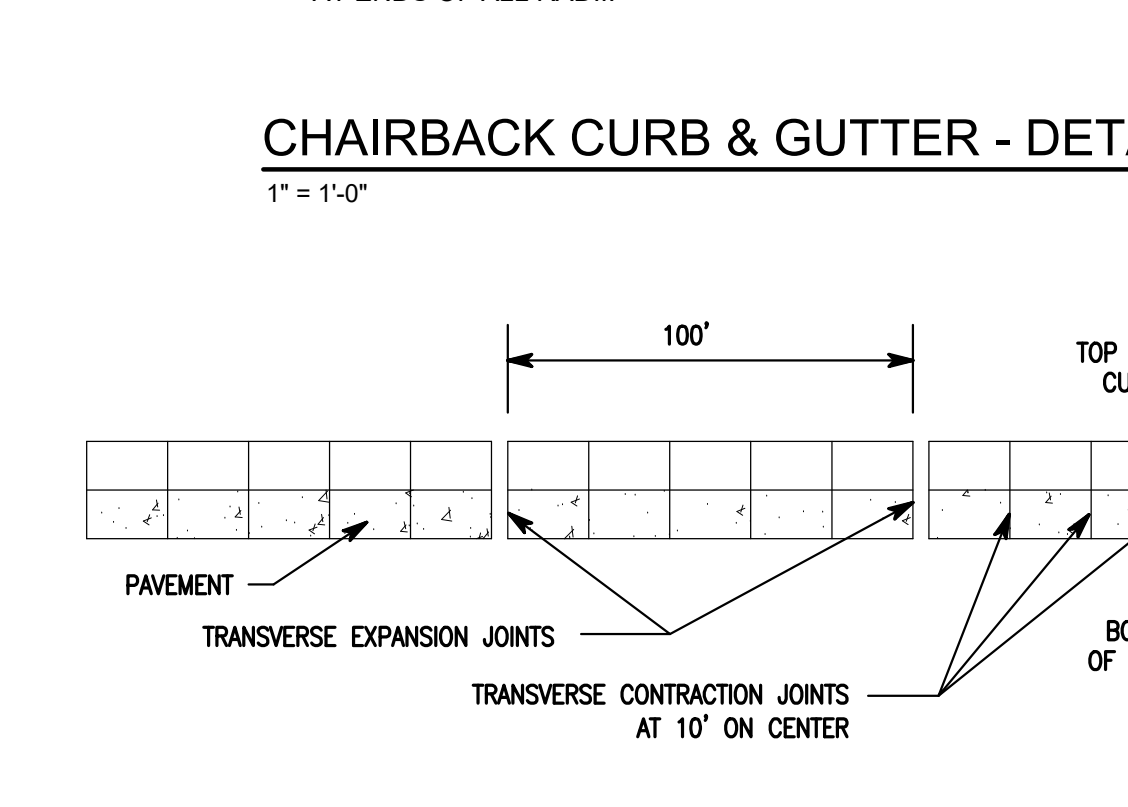
### 6" CONCRETE CURB (STRAIGHT) - DETAIL H



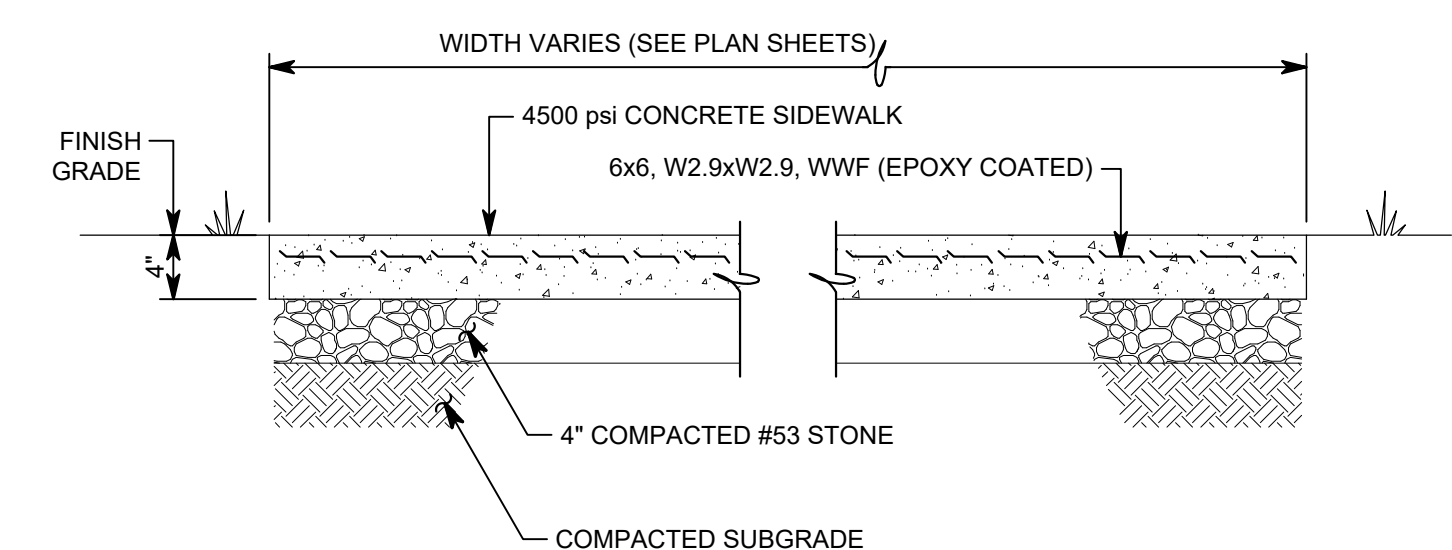
### REVERSE CHAIRBACK CURB & GUTTER - DETAIL J



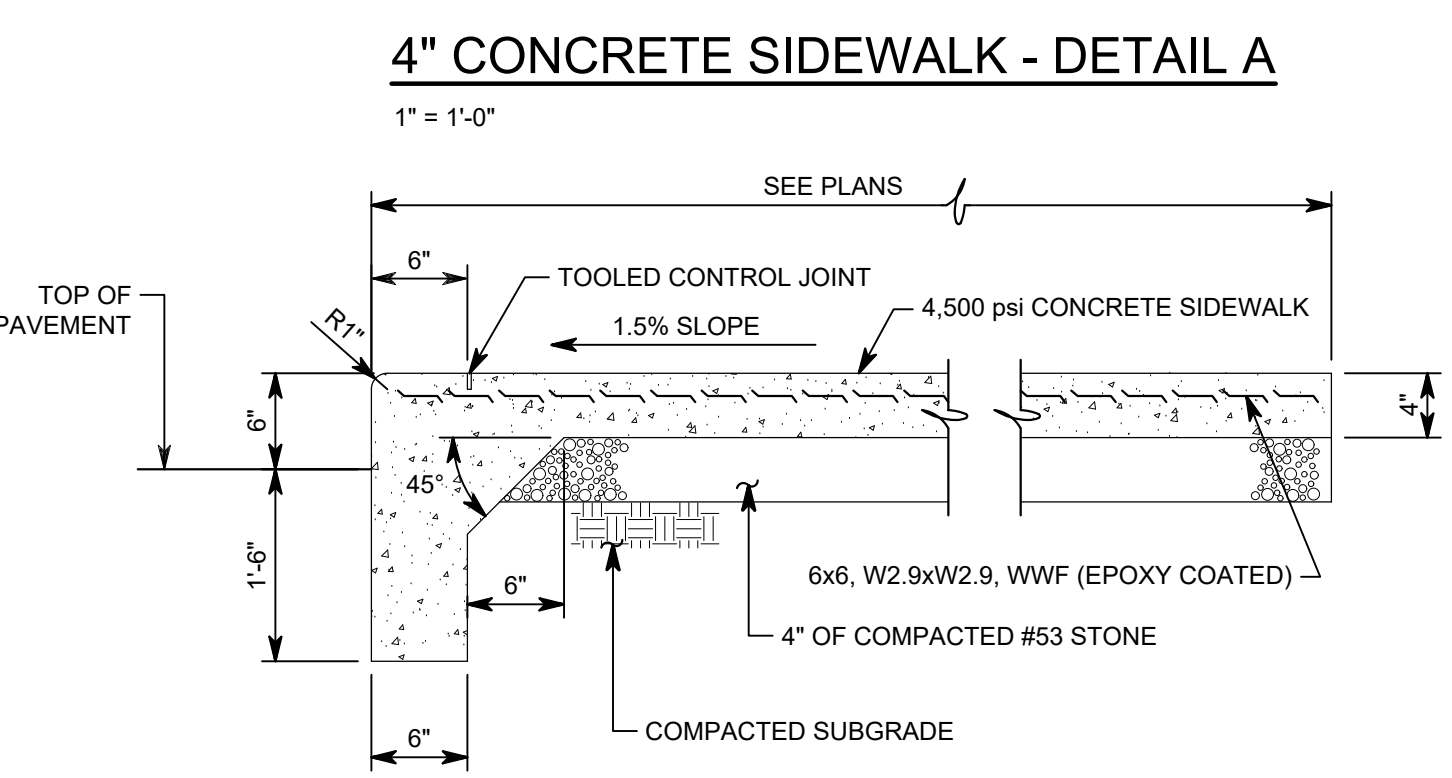
### CHAIRBACK CURB & GUTTER - DETAIL K



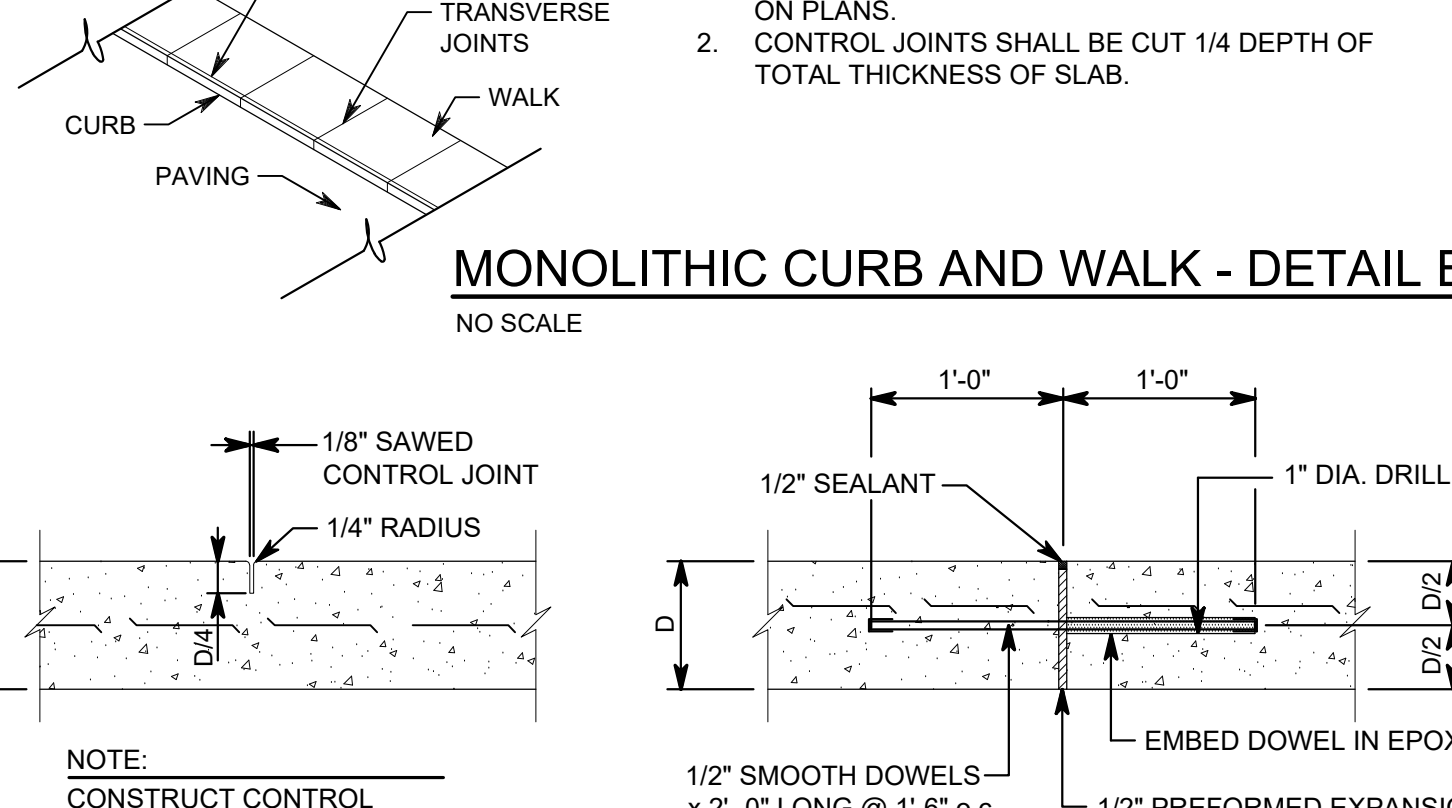
### CURB JOINT - DETAIL L



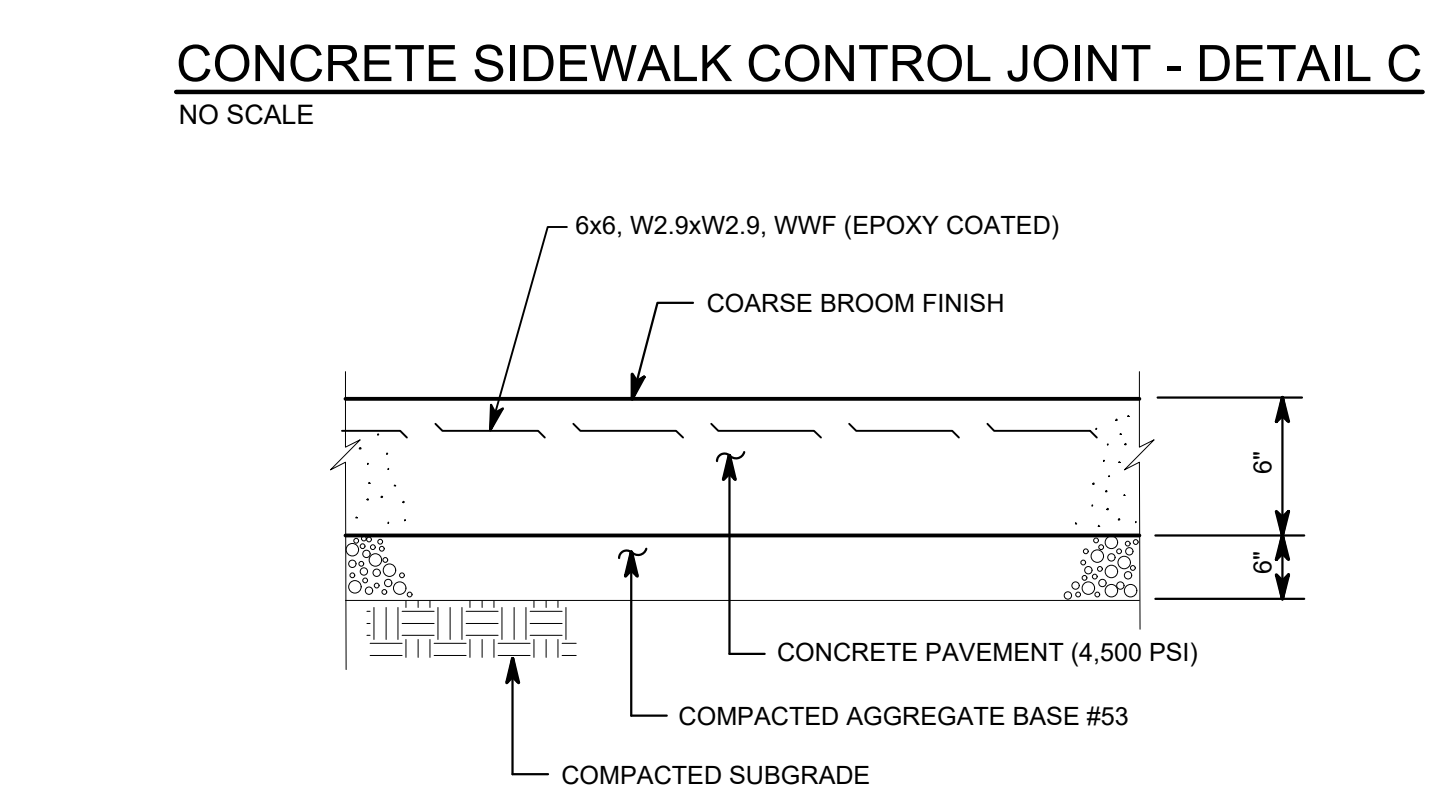
### 4" CONCRETE SIDEWALK - DETAIL A



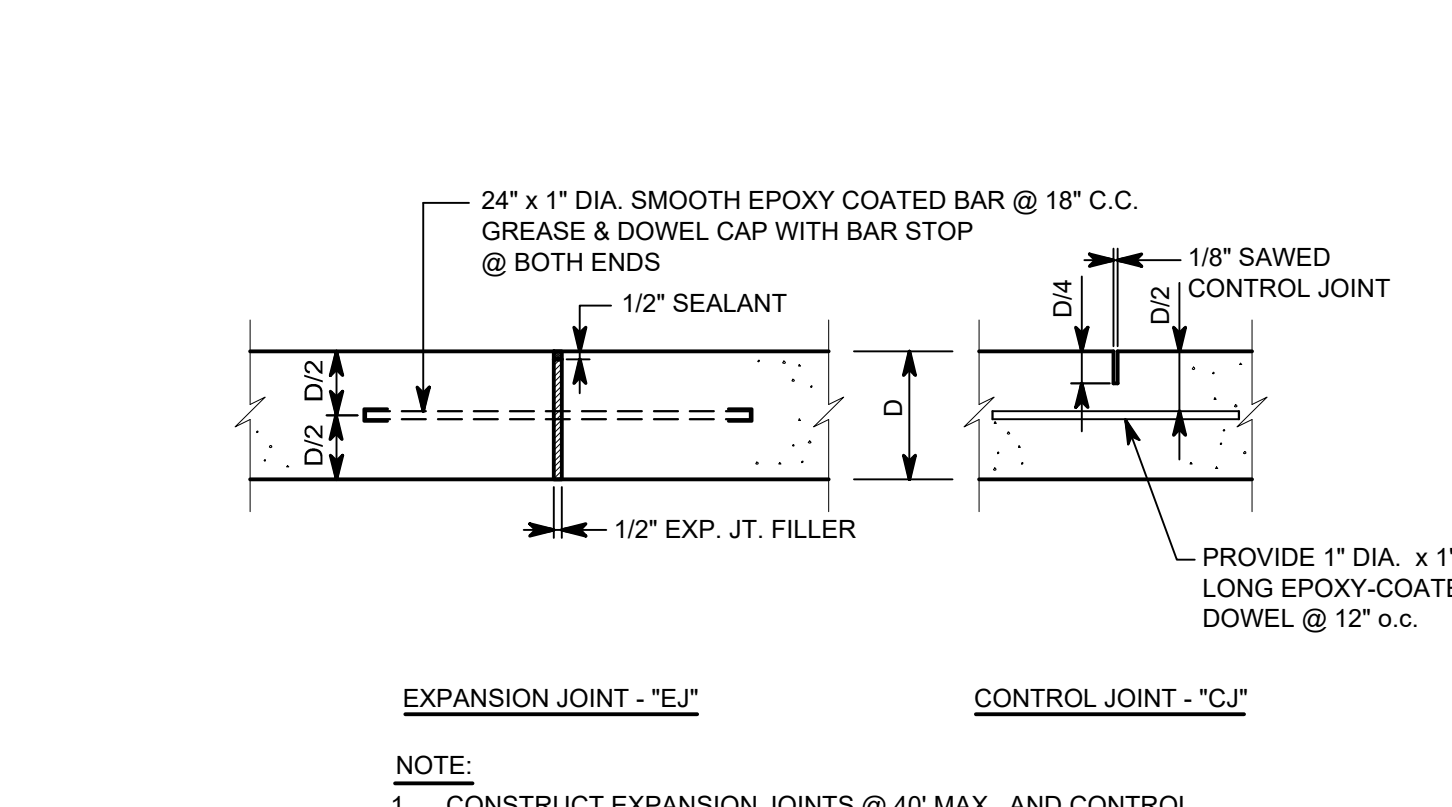
### MONOLITHIC CURB AND WALK - DETAIL B



### CONCRETE SIDEWALK CONTROL JOINT - DETAIL C

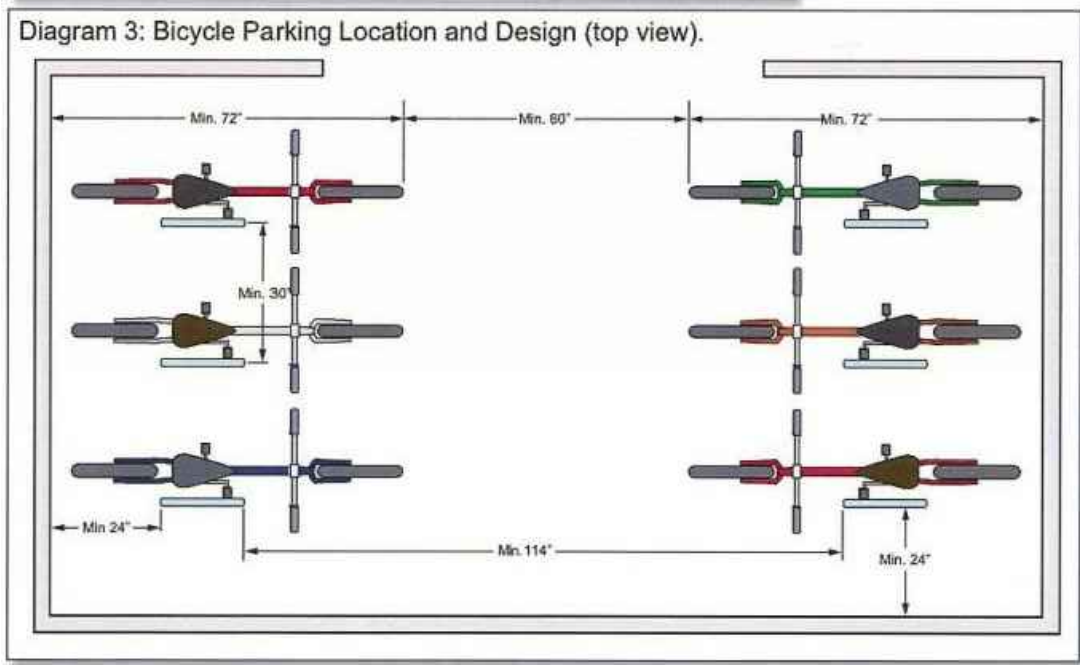
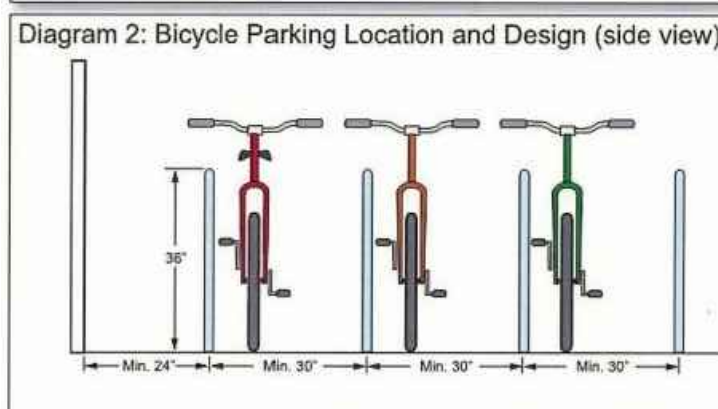
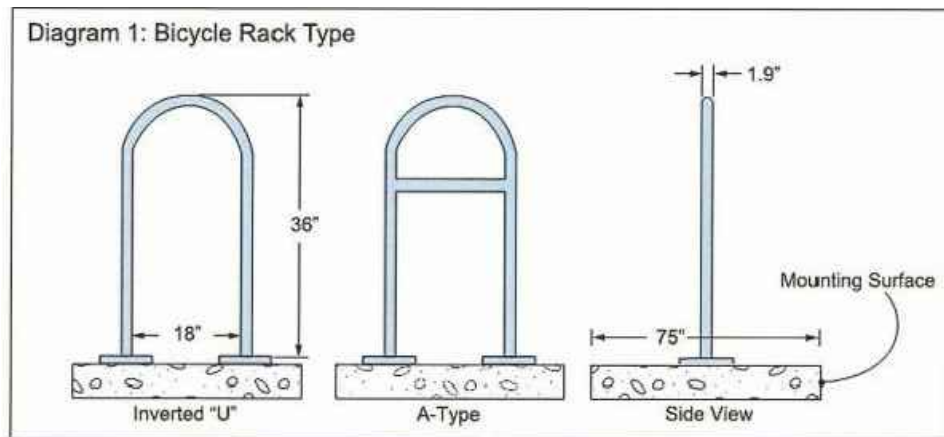


### 6" CONCRETE PAVEMENT - DETAIL D



### CONCRETE PAVEMENT JOINT - DETAIL E

Drawing Date: 8/13/2023 3:40 PM (Auto) C:\Users\ars\OneDrive\Documents\222154 - C4.1\_Site\_Details.dwg  
Printed By: arshall Time of Plot: 8/22/24 - 4:07pm Last Edited: 8/22/24 - 3:57pm

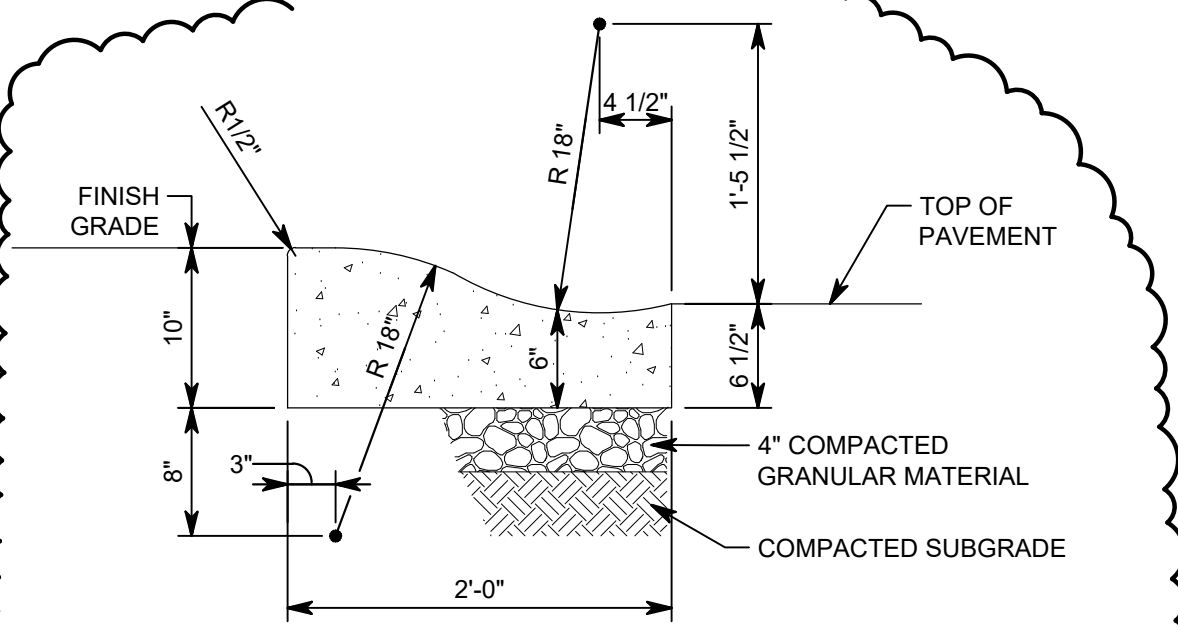


**NOTE:**

- BIKE RACKS TO BE APEX INVERTED U BIKE RACK AVAILABLE FROM SITESCAPES (888-331-9464) P.O. BOX 22326 LINCOLN, NE 68542. COLOR TO BE SELECTED BY OWNER.
- BIKE RACKS TO BE SURFACE MOUNTED.

**BIKE RACK - DETAIL L**

NO SCALE

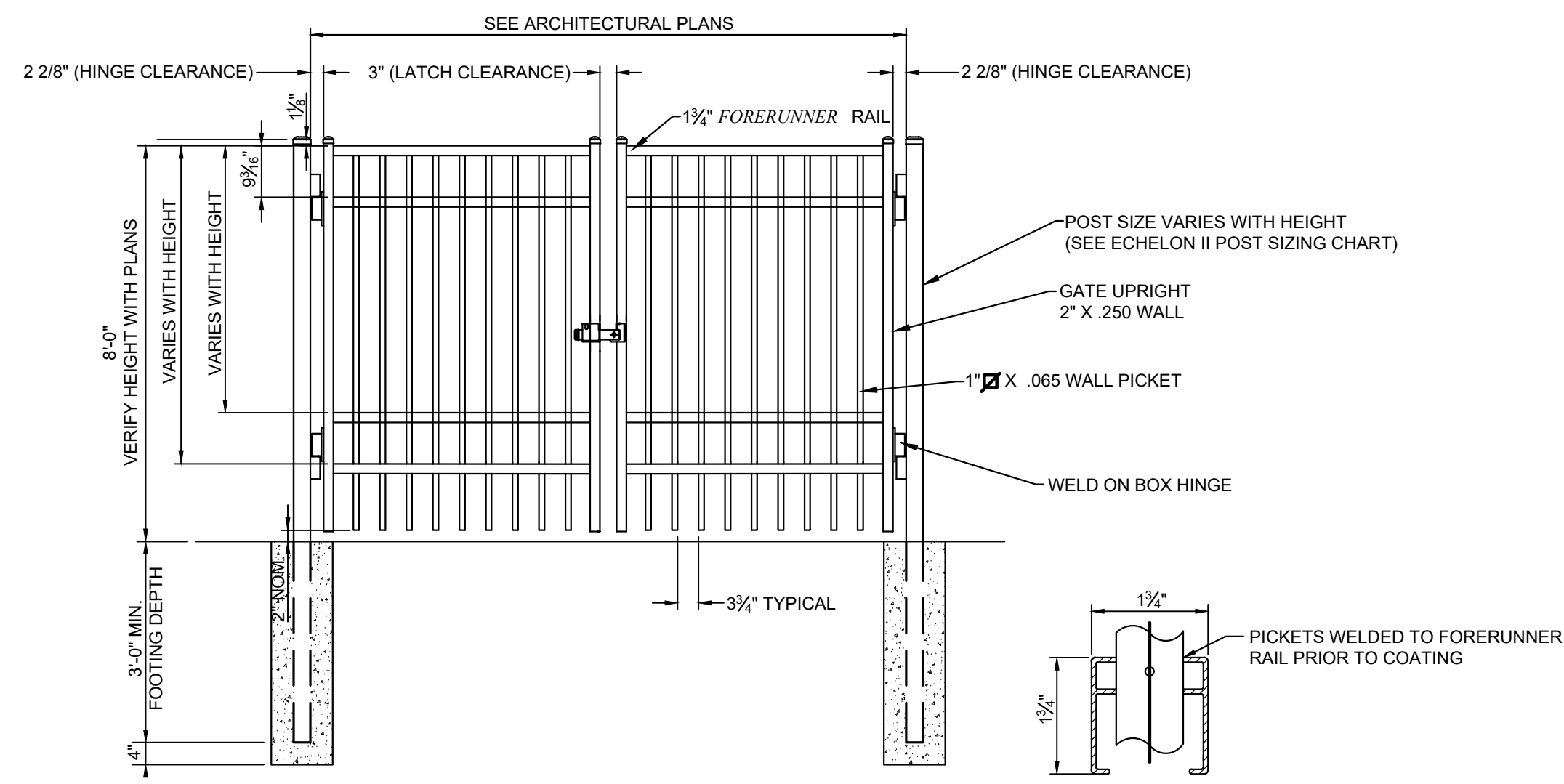


**NOTE:**

1. PROVIDE CONTROL JOINTS AT 10' MAX. SPACING.
2. PROVIDE EXPANSION JOINTS AT 80' MAX. SPACING AND AT ENDS OF ALL RADII.

**ROLL CURB & GUTTER - DETAIL M**

1" = 1'-0"

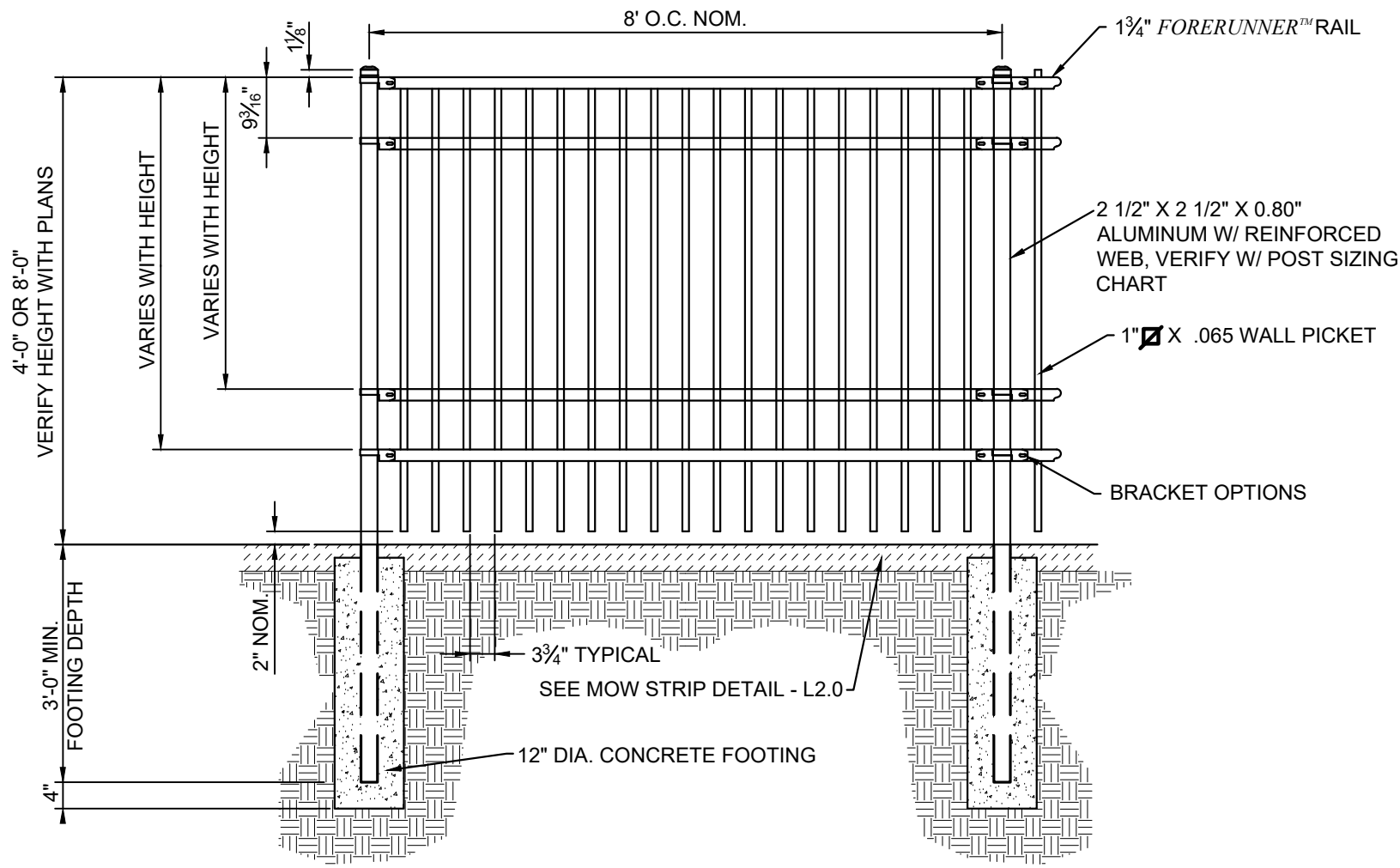


**NOTE:**

1. VERIFY POST SIZING W/ MANUFACTURERS POST SIZING CHART.
2. GATE TO BE 4 RAIL ECHELON II MAJESTIC GATE AVAILABLE FROM AMERISTAR FENCE, OR APPROVED EQUAL.
3. ADDITIONAL STYLES OF GATE HARDWARE ARE AVAILABLE ON REQUEST. THIS COULD CHANGE THE LATCH & HINGE CLEARANCE.
4. COLOR TO BE SELECTED BY OWNER.
5. VALUES SHOWN ARE NOMINAL, AND NOT TO BE USED FOR INSTALLATION PURPOSES. SEE PRODUCT SPECIFICATION FOR INSTALLATION REQUIREMENTS.

**ORNAMENTAL DOUBLE SWING GATE - DETAIL H**

1/2" = 1'-0"

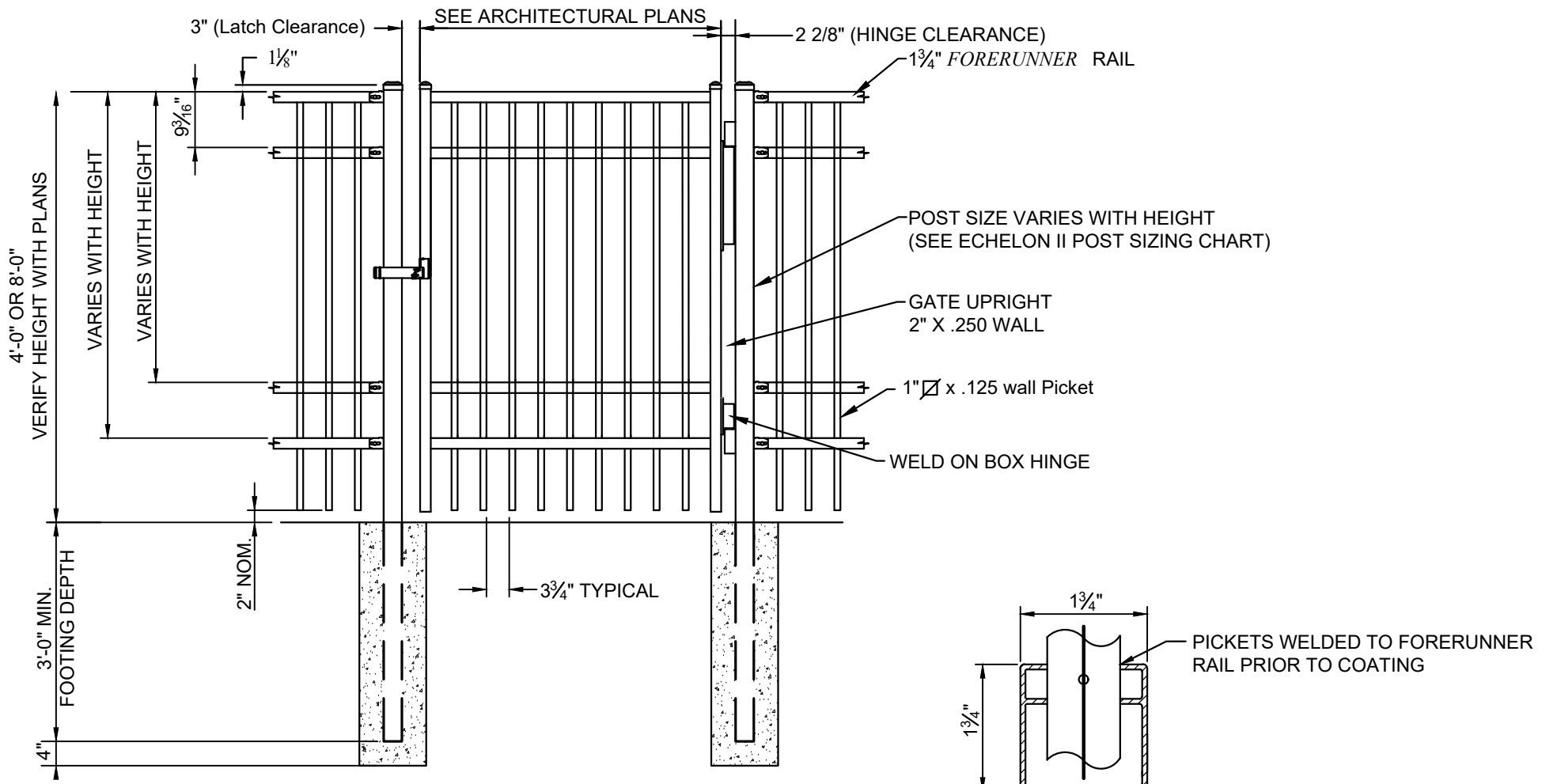


**NOTE:**

1. VERIFY POST SIZING W/ MANUFACTURERS POST SIZING CHART.
2. FENCE TO BE 4 RAIL ECHELON II MAJESTIC FENCE AVAILABLE FROM AMERISTAR FENCE, OR APPROVED EQUAL.
3. COLOR TO BE SELECTED BY OWNER.

**ORNAMENTAL FENCE - DETAIL J**

1/2" = 1'-0"

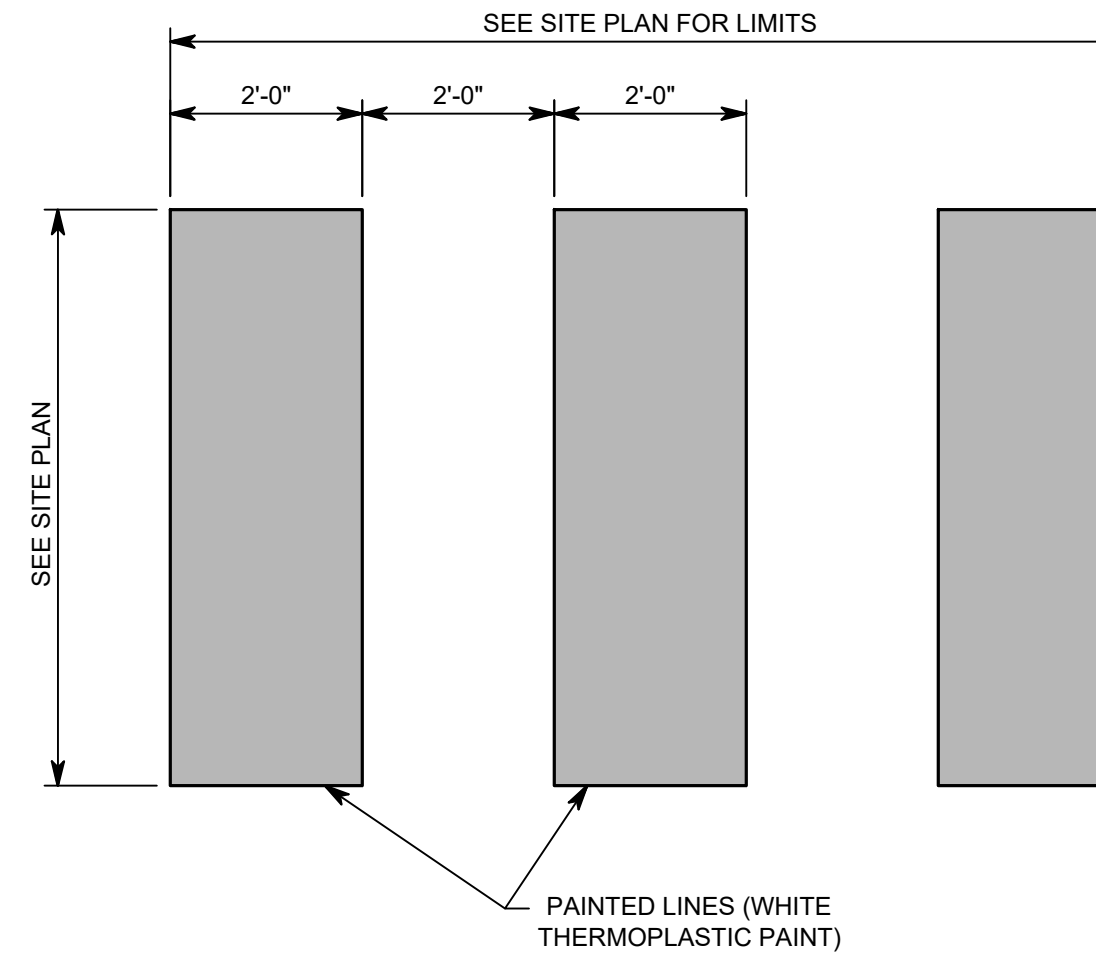


**NOTE:**

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2. GATE TO BE 4 RAIL ECHELON II MAJESTIC GATE AVAILABLE FROM AMERISTAR FENCE, OR APPROVED EQUAL.
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4. COLOR TO BE SELECTED BY OWNER.
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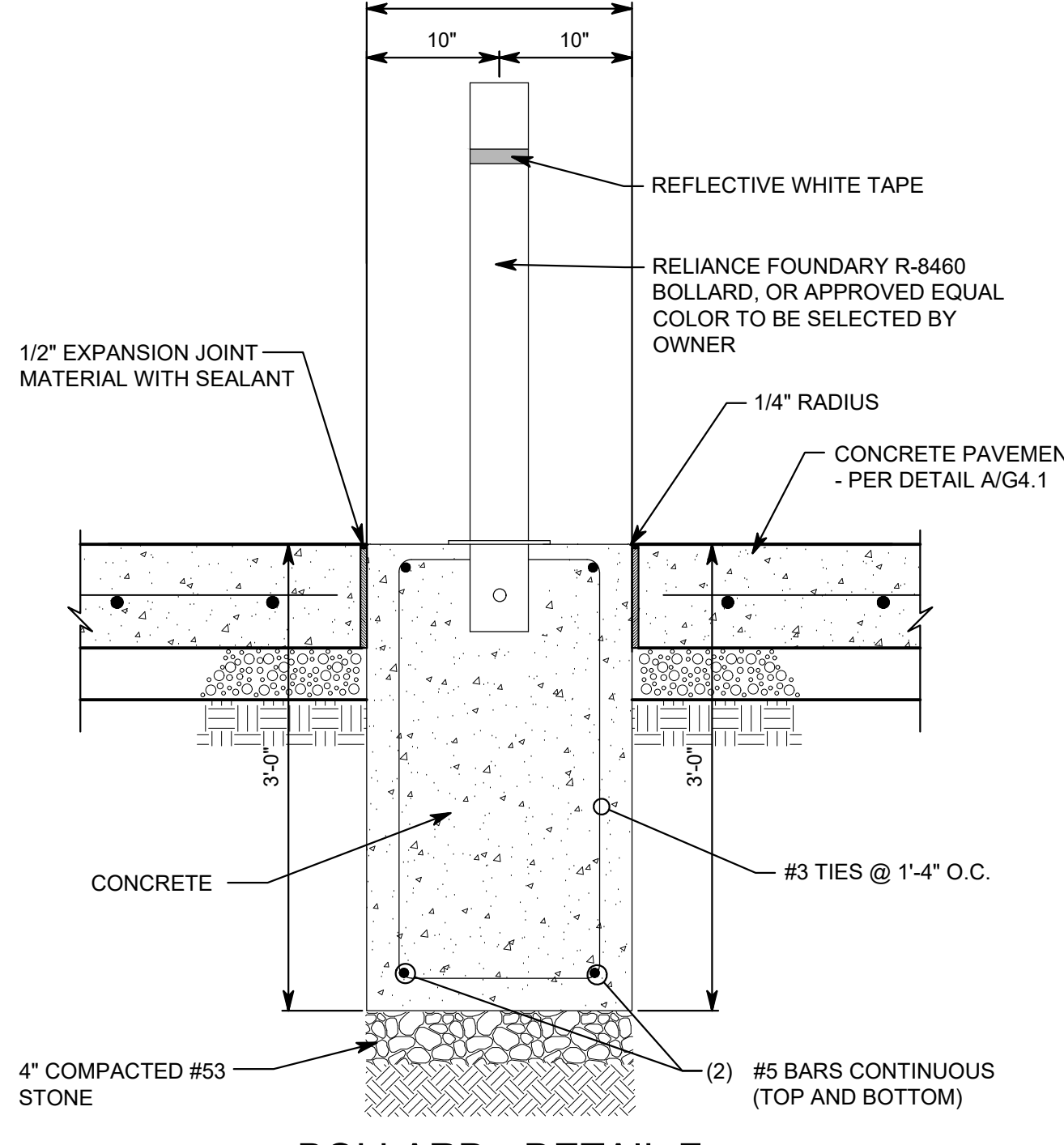
**ORNAMENTAL SINGLE SWING GATE - DETAIL K**

1/2" = 1'-0"



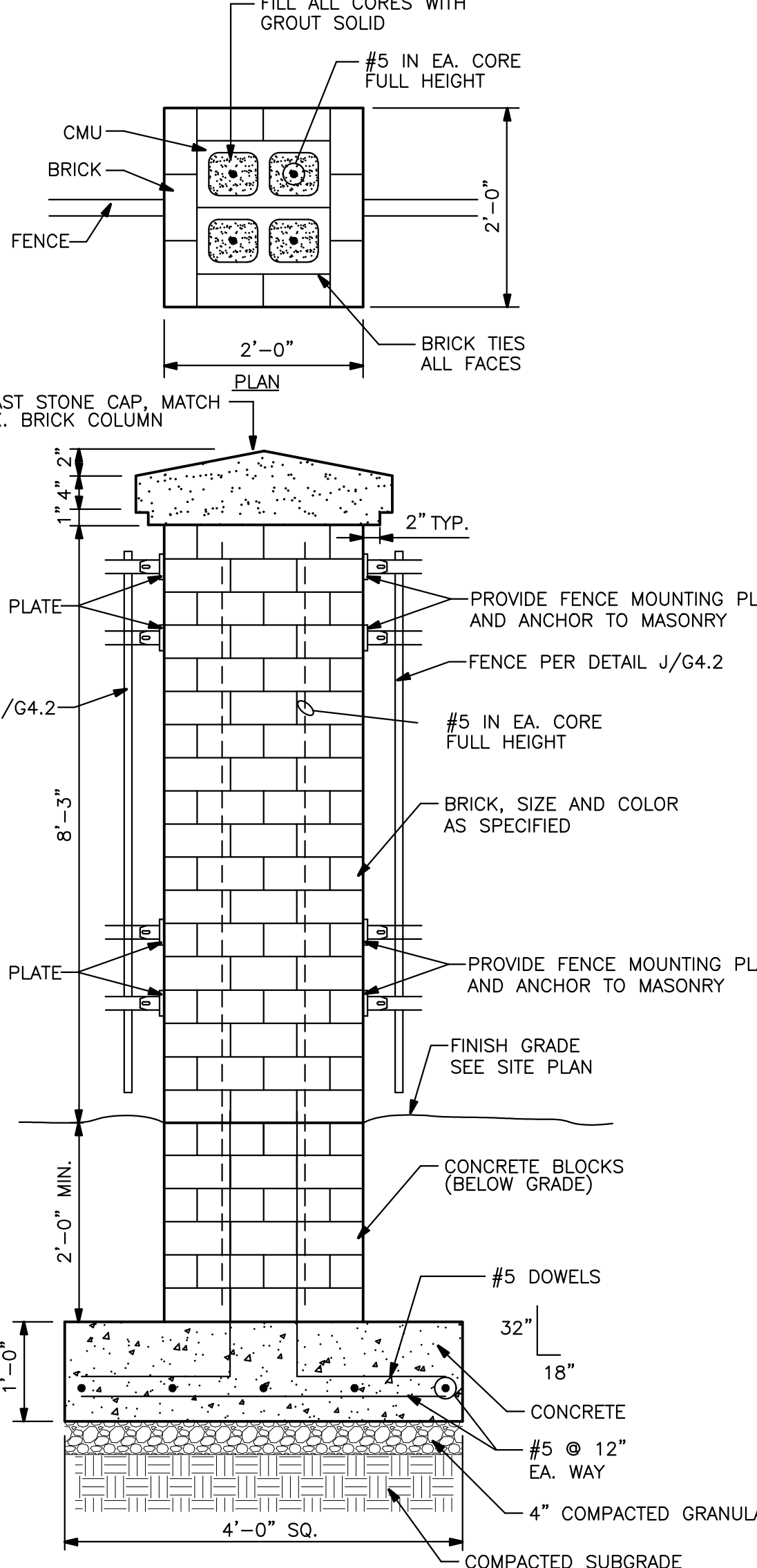
**CROSSWALK STRIPE - DETAIL E**

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



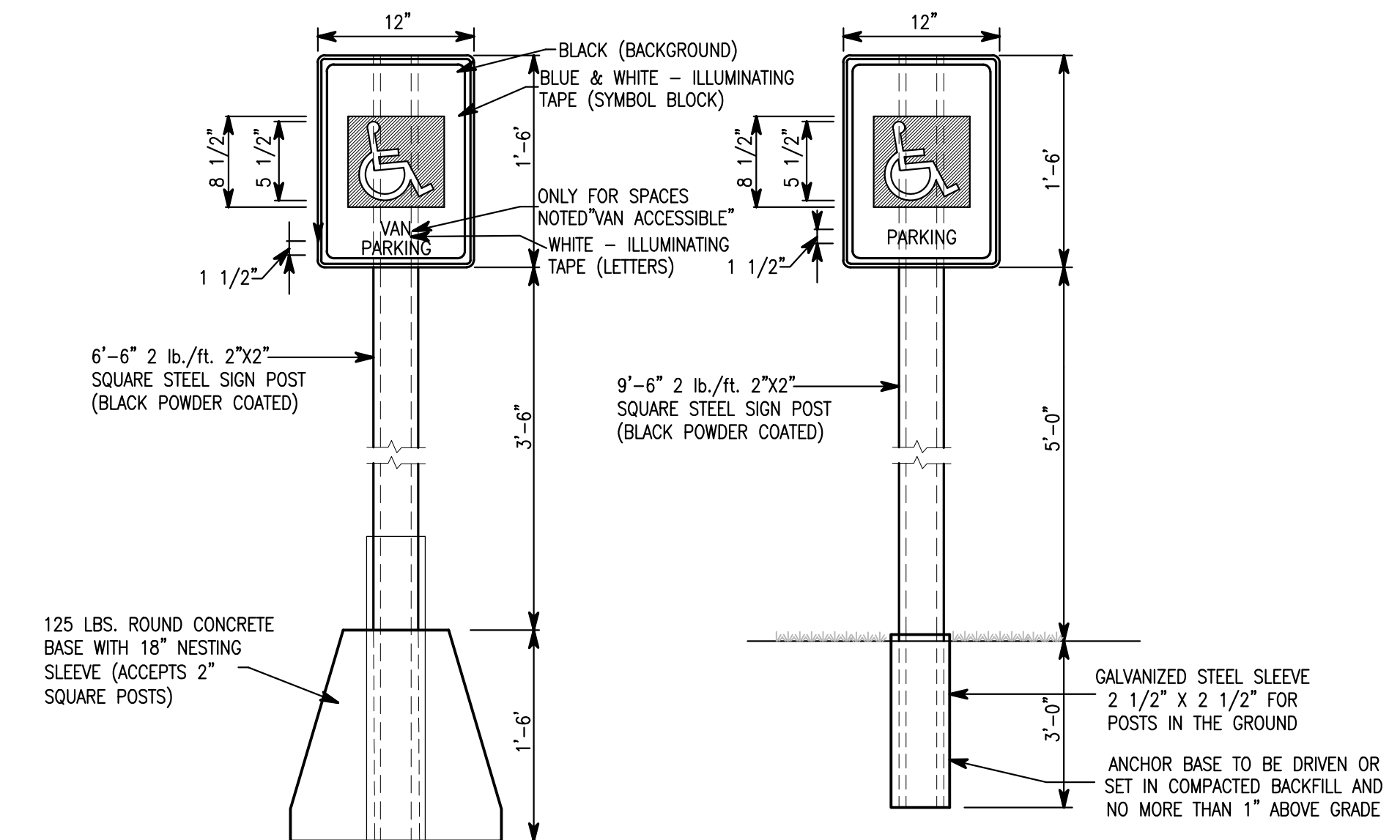
**BOLLARD - DETAIL F**

1" = 1'-0"



**BRICK COLUMN - DETAIL G**

3/4" = 1'-0"



**NOTES:**

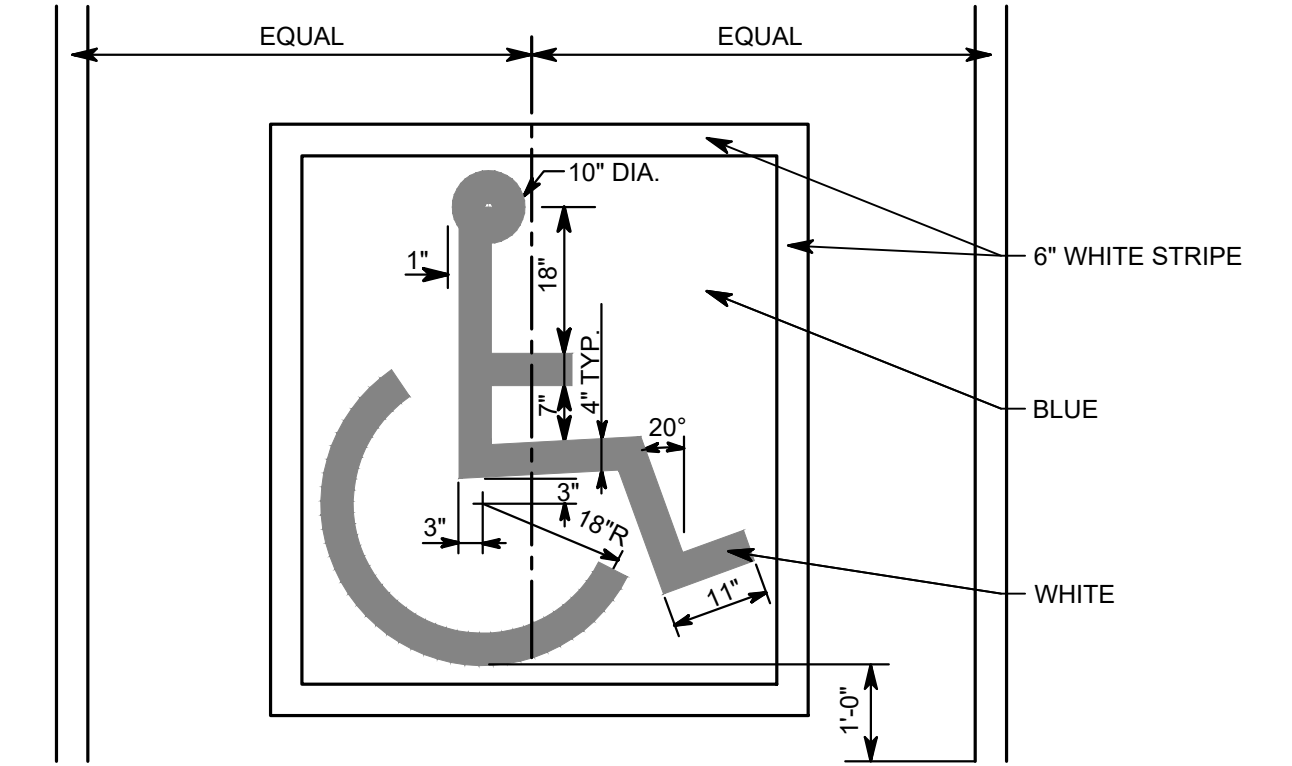
1. 18" DIAMETER CONICAL BASE WITH 18" X 2 1/4" SQUARE POST SLEEVE EMBEDDED
2. RESISTS HIGH WIND GUSTS
3. ROLLS INTO PLACE
4. FOR SIGNS UP TO 24" X 24"
5. USE WITH 2" SQUARE POSTS UP TO 6' TALL
6. INCLUDED: SLEEVE ONLY. POST NOT INCLUDED

**FOR POSTS LOCATED IN LANDSCAPE AND LAWN AREAS**

1. USE A VAN ACCESSIBLE SIGN FOR VAN ACCESSIBLE DESIGNATED PARKING SPACES
2. BACK OF SIGNS TO BE BLACK

**ADA PARKING SIGN - DETAIL A**

NO SCALE

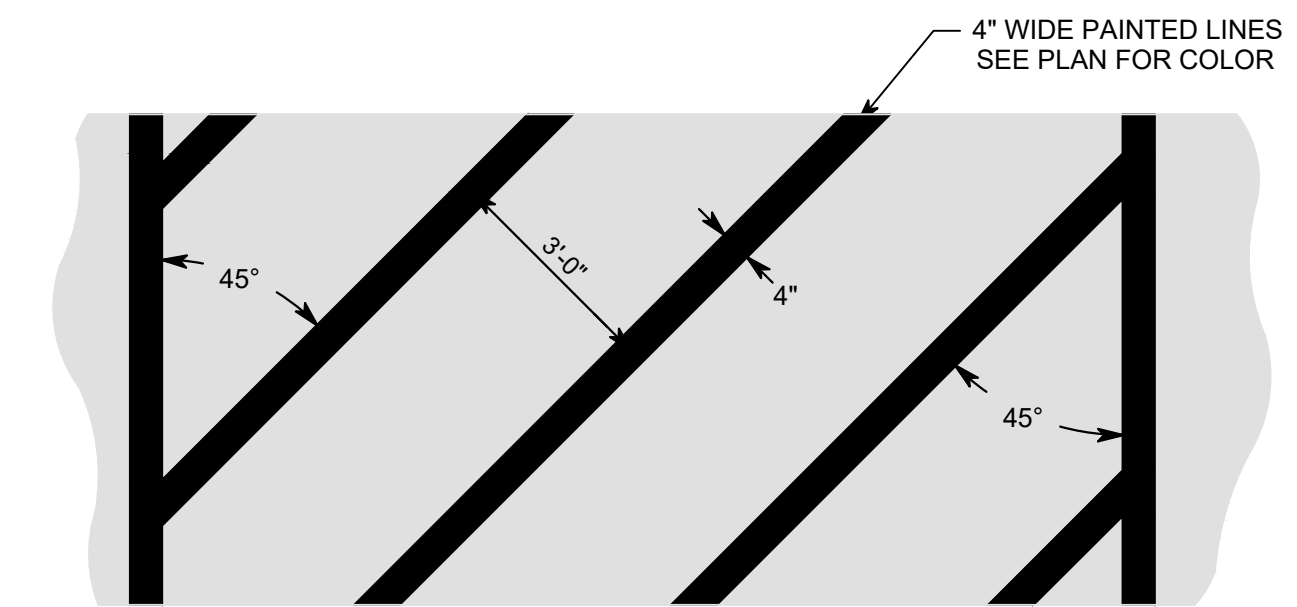


**NOTE:**

1. SEE SPECIFICATIONS SECTION 321273 FOR PAINT REQUIREMENTS.

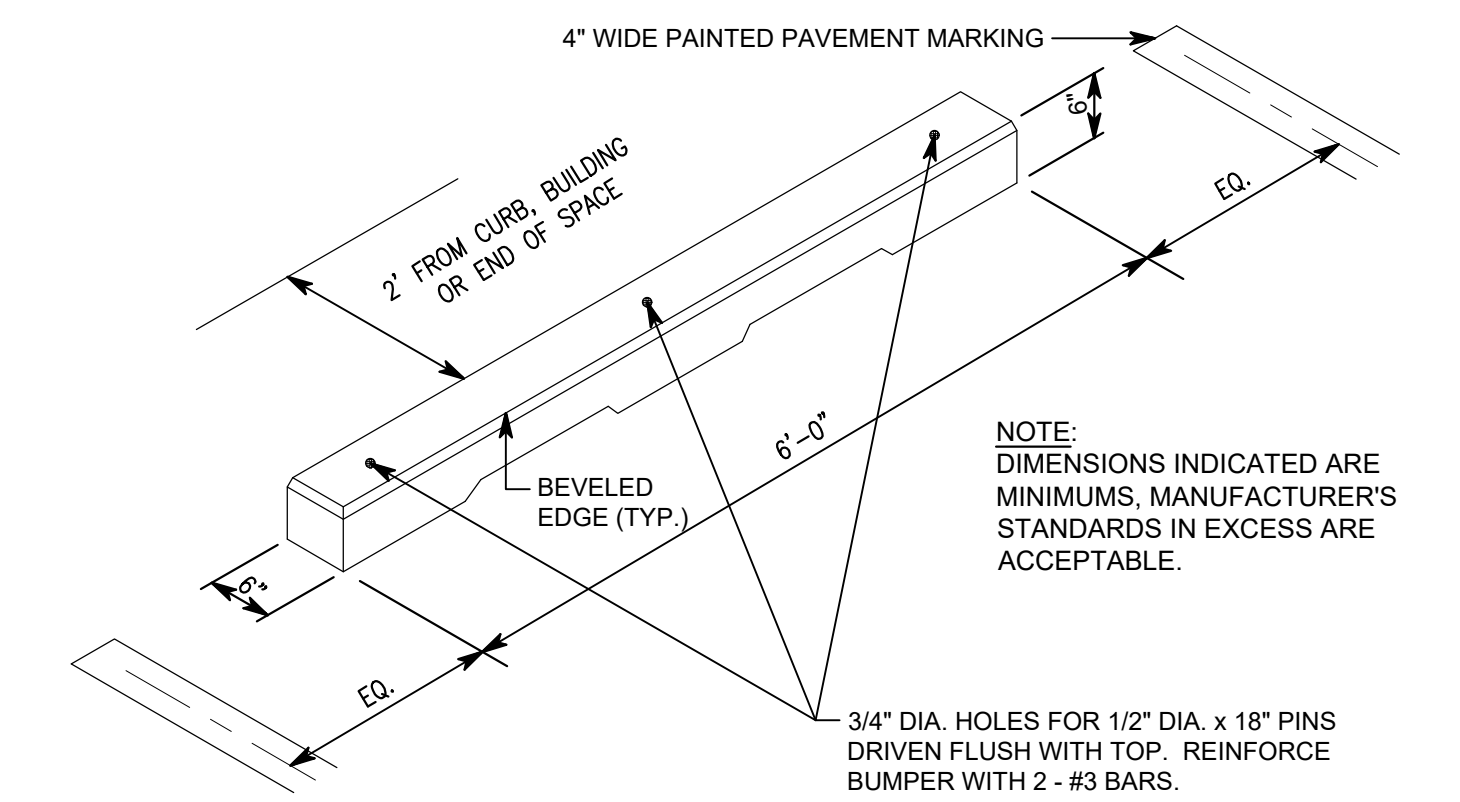
**PAINTED A.D.A. SYMBOL - DETAIL B**

NO SCALE



**PAINTED PARKING ISLANDS - DETAIL C**

NO SCALE



**PARKING BUMPER - DETAIL D**

NO SCALE

**222154.00  
CARMEL HIGH  
SCHOOL STADIUM  
GRANDSTAND  
RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
5301 E Main Street, Carmel, IN 46033  
317-944-9991

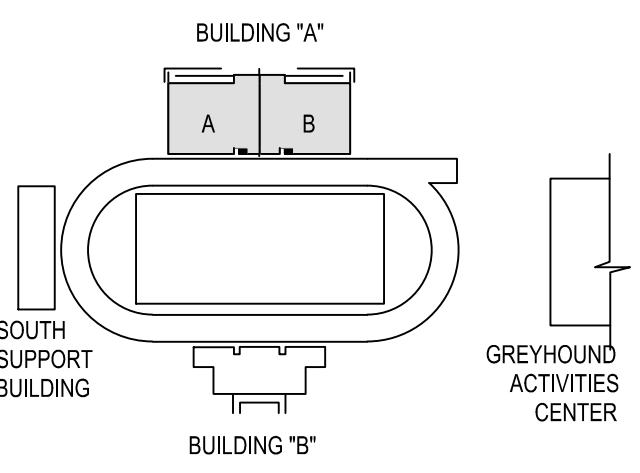


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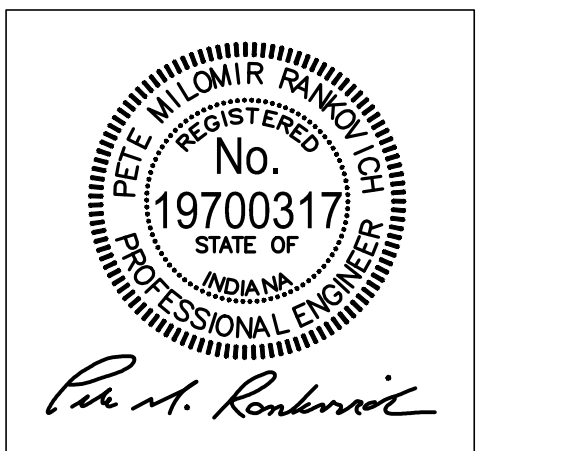
317.848.0966 WWW.FHAI.COM  
350 E NEW YORK ST., SUITE 300, INDIANAPOLIS IN 46204

CONSULTANT



**KEY PLAN**

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: PAIR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

SITE DETAILS

**G4.2**

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
5201 E Main Street, Carmel, IN 46033  
317-944-9991

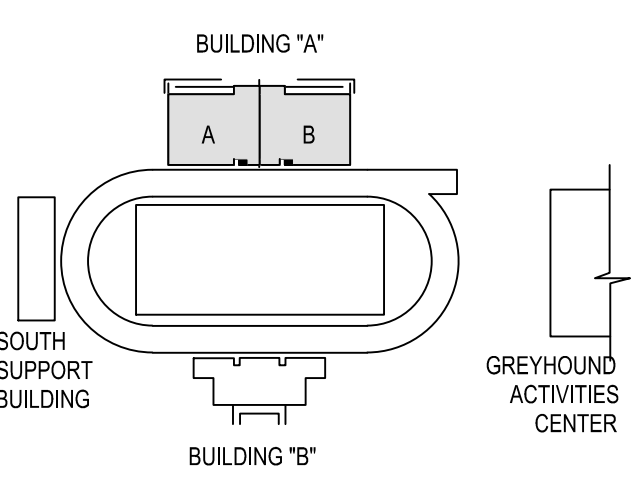
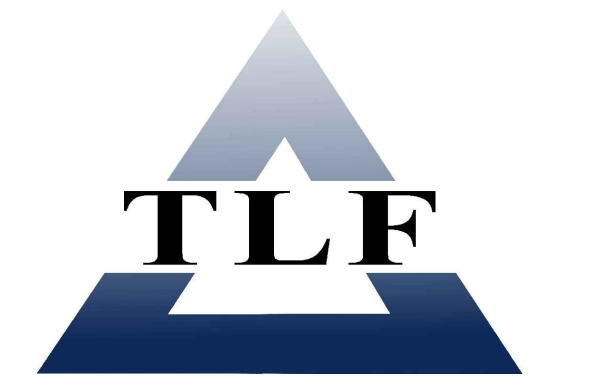


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### KEY PLAN

100% CONSTRUCTION DOCUMENTS

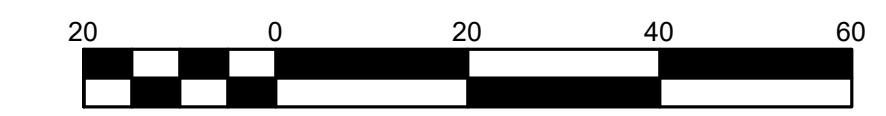
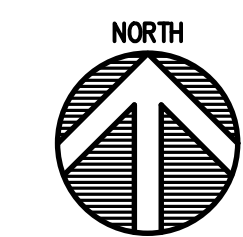


PROJECT MANAGER: PWR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

SITE UTILITY PLAN -  
STORM SEWERS

# SU1.1



### GENERAL NOTES

- SEE DRAWING GD0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
- TOPOGRAPHIC CONDITIONS AND EXISTING UTILITIES SHOWN WERE PROVIDED BY GEC CIVIL & ENVIRONMENTAL CONSULTANTS DATED MAY 17, 2022. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE PROJECT AREA INCLUDING UNDERGROUND UTILITY CONDITIONS. LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- SEE SHEET SU1.2 FOR NEW SANITARY SEWER LATERAL, FIRE PROTECTION, DOMESTIC WATER, GAS, ELECTRICAL/POWER AND TELECOMMUNICATION INFORMATION.
- THE PROPOSED STORM SEWER SYSTEM FOR THIS PROJECT WILL BE PRIVATE OWNED.
- NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORM WATER MANAGEMENT PERMIT.
- UTILITY RELOCATIONS REQUIRED BY THE PROJECT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. UTILITY LINE RELOCATIONS REQUIRED FOR ROAD PROJECTS THAT RESULT IN A CONFLICT WITH PROPOSED DEVELOPMENT SHALL BE THE DEVELOPER'S RESPONSIBILITY TO RESOLVE WITH THE UTILITY. EXISTING POLE LINES REQUIRED TO BE RELOCATED TO WITHIN ONE FOOT OF PROPOSED RIGHT-OF-WAY LINE.
- DAMAGE TO THE EXISTING RIGHT-OF-WAY SHALL RESTORED/REPAIRED TO THE SATISFACTION OF THE CITY AT THE COMPLETION OF THE PROJECT. THE CONTRACTOR IS ENCOURAGED TO INSPECT THE RIGHT-OF-WAY WITH THE CITY PRIOR TO THE START OF CONSTRUCTION TO DOCUMENT THE EXISTING CONDITION OF THE RIGHT-OF-WAY. SEE SHEET G0.1 FOR ADDITIONAL INFORMATION ON THE CITY OF CARMEL'S PAVING AND CURB POLICIES.
- ALL PAVING WITHIN THE EXISTING AND PROPOSED CITY RIGHT-OF-WAY SHALL CONFORM TO THE REQUIREMENTS OF THE DEPARTMENT OF ENGINEERING. THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF ENGINEERING TO SCHEDULE A PRE-CONSTRUCTION MEETING TO REVIEW THE DEPARTMENT'S CONSTRUCTION REQUIREMENTS, STAFF NOTIFICATION REQUIREMENTS, REQUIRED INSPECTIONS FOR CERTAIN STAGES OF THE WORK AND TO REVIEW THE AUTHORITY OF THE DEPARTMENT AS IT RELATES TO WORK WITHIN THE EXISTING AND PROPOSED RIGHT-OF-WAY.

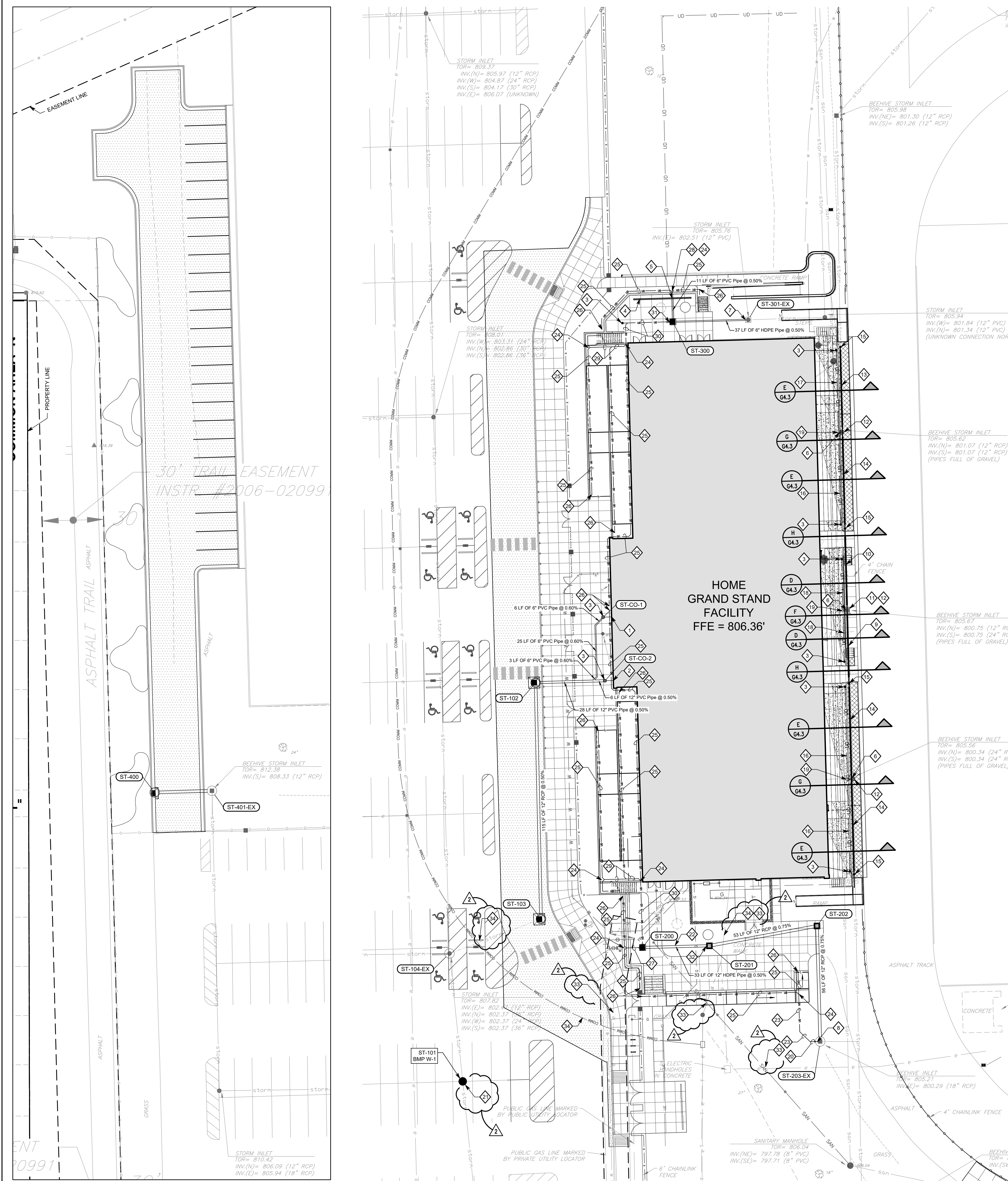
### UTILITY LEGEND

- COMM — EXISTING COMMUNICATION LINE
- UE — PROPOSED ELECTRICAL LINE
- FP — PROPOSED FIRE PROTECTION LINE
- G — PROPOSED GAS LINE
- SAN — PROPOSED SANITARY SEWER LINE
- ST — PROPOSED STORM SEWER LINE
- W — PROPOSED WATER LINE
- ⊕ PROPOSED FIRE HYDRANT
- ⊕ PROPOSED FIRE DEPARTMENT CONNECTION
- ⊕ PROPOSED POST INDICATOR VALVE
- ⊕ PROPOSED STORM STRUCTURE
- ⊕ PROPOSED CLEANOUT

SEE SURVEY FOR ADDITIONAL EXISTING LEGEND ITEMS

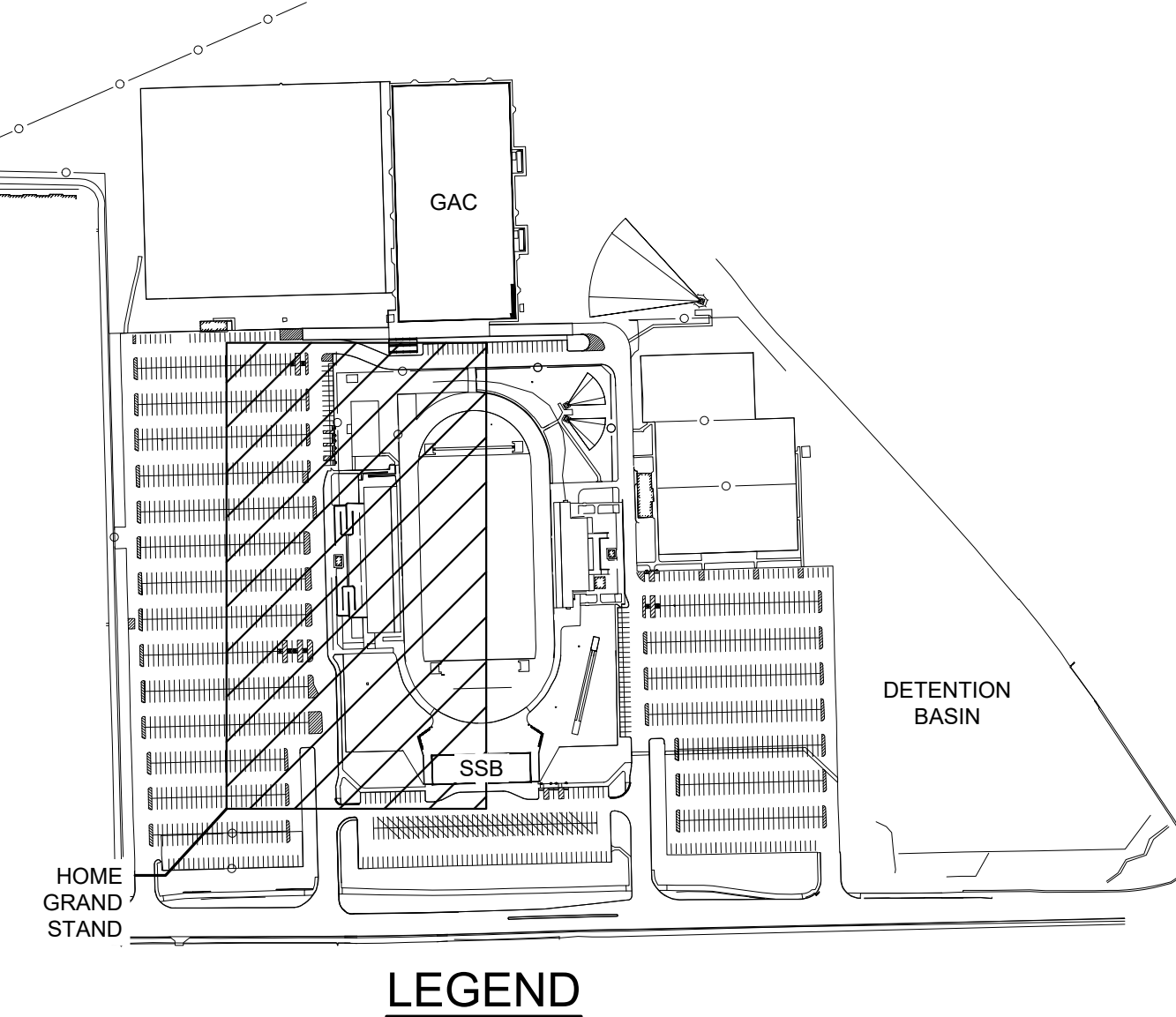
### UTILITY KEYNOTES

- NEW BUILDING STORM LATERAL @ INVERT ELEV. = 803.75'. COORDINATE PIPE LOCATION, SIZE, DEPTH AND MATERIAL WITH SHEET P2.01
- NEW BUILDING STORM LATERAL @ INVERT ELEV. = 803.58'. COORDINATE PIPE LOCATION, SIZE, DEPTH AND MATERIAL WITH SHEET P2.01
- STORM SEWER CLEANOUT, PER DETAIL JSU2.2
- K100 (4") ACO TRENCH DRAIN WITH ADA GRATE (26.25', 8 SECTIONS).
- K1-908 IN-LINE CATCH BASIN
- CONNECT (CORE) NEW 6" DIA. PVC TO EXISTING STORM INLET AT INVERT ELEV. = 802.00'
- CORE EXISTING STORM STRUCTURE AT INVERT ELEV. = 802.86'
- CORE EXISTING STORM STRUCTURE TO CONNECT NEW STORM PIPE AT INVERT ELEV. = 800.39'
- ACO TRENCH DRAIN "TD-H1" WITH ADA GRATE (32.5', 10 SECTIONS)
- ACO TRENCH DRAIN "TD-H2" WITH ADA GRATE (32.5', 10 SECTIONS)
- REPLACE EXISTING BEEHIVE CASTING WITH FLAT GRATE
- RAISE EXISTING STORM STRUCTURE WITH ADJUSTING RINGS
- 40' OF SLOTTED DRAIN
- 45' OF SLOTTED DRAIN
- NEW CLEANOUT AT SLOTTED DRAIN - SEE DETAIL JSU2.2
- 45' OF 6" PERFORATED HDPE PIPE UNDERDRAIN @ 0.20% SLOPE
- 40' OF 6" PERFORATED HDPE PIPE UNDERDRAIN @ 0.20% SLOPE
- 25' OF 6" PERFORATED HDPE PIPE UNDERDRAIN @ 0.20% SLOPE
- TEE FITTING (HDPE)
- CONNECT NEW PIPE TO EXISTING MANHOLE STRUCTURE @ INVERT ELEV. = 800.39'
- NEW STORM WATER QUALITY UNIT "W-1". AQUA-SWIRL-XC-12. SEE DETAIL K/SU2.2
- 30' OF 12" HDPE N-12 PIPE @ 0.50% SLOPE
- 32' OF 6" HDPE N-12 PIPE @ 2.00% SLOPE
- HDPE FITTING CONNECTING FOOTING UNDERDRAINS TO 6" HDPE N-12 SOLID PIPE
- 4" DIA. PERFORATED HDPE N-12 PIPE FOUNDATION DRAIN SLOPED AT 0.20% SLOPE
- FOOTING DRAIN AT HIGH POINT
- 8' OF 6" HDPE N-12 SOLID PIPE @ 2.00% SLOPE
- CONNECT FOOTING UNDERDRAINS TO ACO TRENCH DRAIN INLET ON NORTH SIDE OF STRUCTURE.
- 6" DIA. PERFORATED HDPE N-12 PIPE FOUNDATION DRAIN @ 2.00% SLOPE.
- 30' OF 8" DIA. HDPE N-12 SOLID PIPE @ 2.00% SLOPE
- CONNECT NEW FOOTING UNDERDRAIN SYSTEM TO STORM STRUCTURE AT INVERT ELEV. = 803.14'
- CONNECT NEW FOOTING UNDERDRAIN SYSTEM TO STORM STRUCTURE AT INVERT ELEV. = 801.41'
- FIELD VERIFY LOCATION AND DEPTH OF EXISTING ELECTRICAL LINE. SUPPORT/SHORE DURING CONSTRUCTION OF NEW UTILITY AS REQUIRED.
- FIELD VERIFY LOCATION AND DEPTH OF EXISTING TELECOMM LINE. SUPPORT/SHORE DURING CONSTRUCTION OF NEW UTILITY AS REQUIRED.



**811**  
Know what's below.  
Call before you dig.  
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**CAUTION !!**  
THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.



### LEGEND

Drawing Path: P:\2023\2003\214\CAD\Civil\222154-00 - SU1.1 - Site Utility Plan.dwg  
Printed By: cmahler Time of Plot: 8/22/24 - 4:09pm Last Edited: 8/22/24 - 2:29pm



# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
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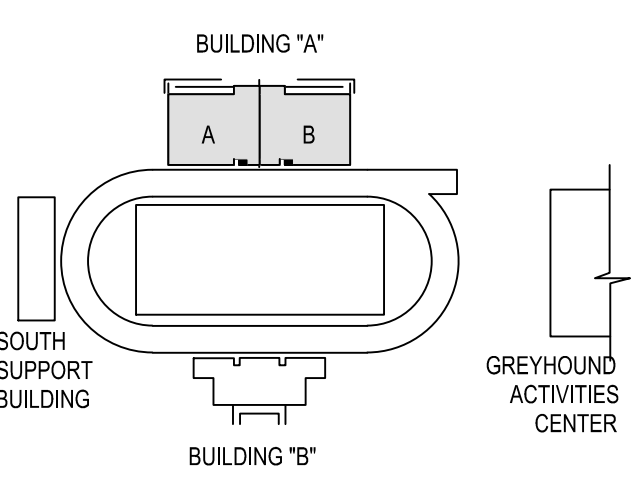
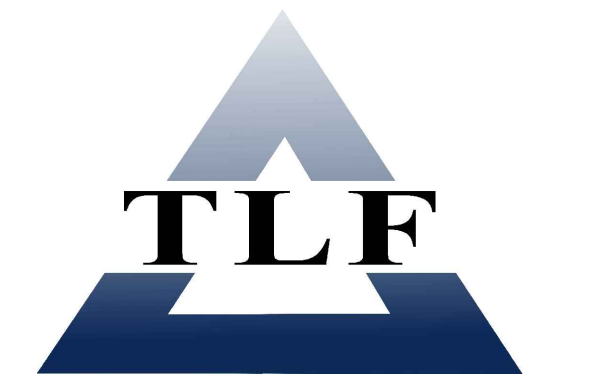


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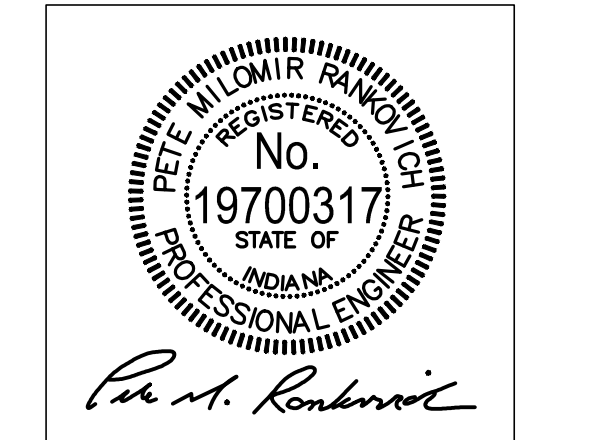
317.848.0966 WWW.FHAI.COM  
350 E NEW YORK ST, SUITE 300, INDIANAPOLIS IN 46204

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### KEY PLAN

100% CONSTRUCTION DOCUMENTS

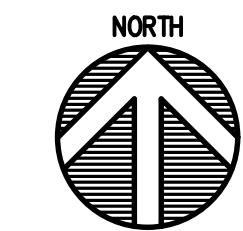


PROJECT MANAGER: PWR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

SITE UTILITY PLAN -  
SANITARY, WATER, GAS,  
ELECTRIC, COMM.

## SU1.2



### GENERAL NOTES

- SEE DRAWING GD0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
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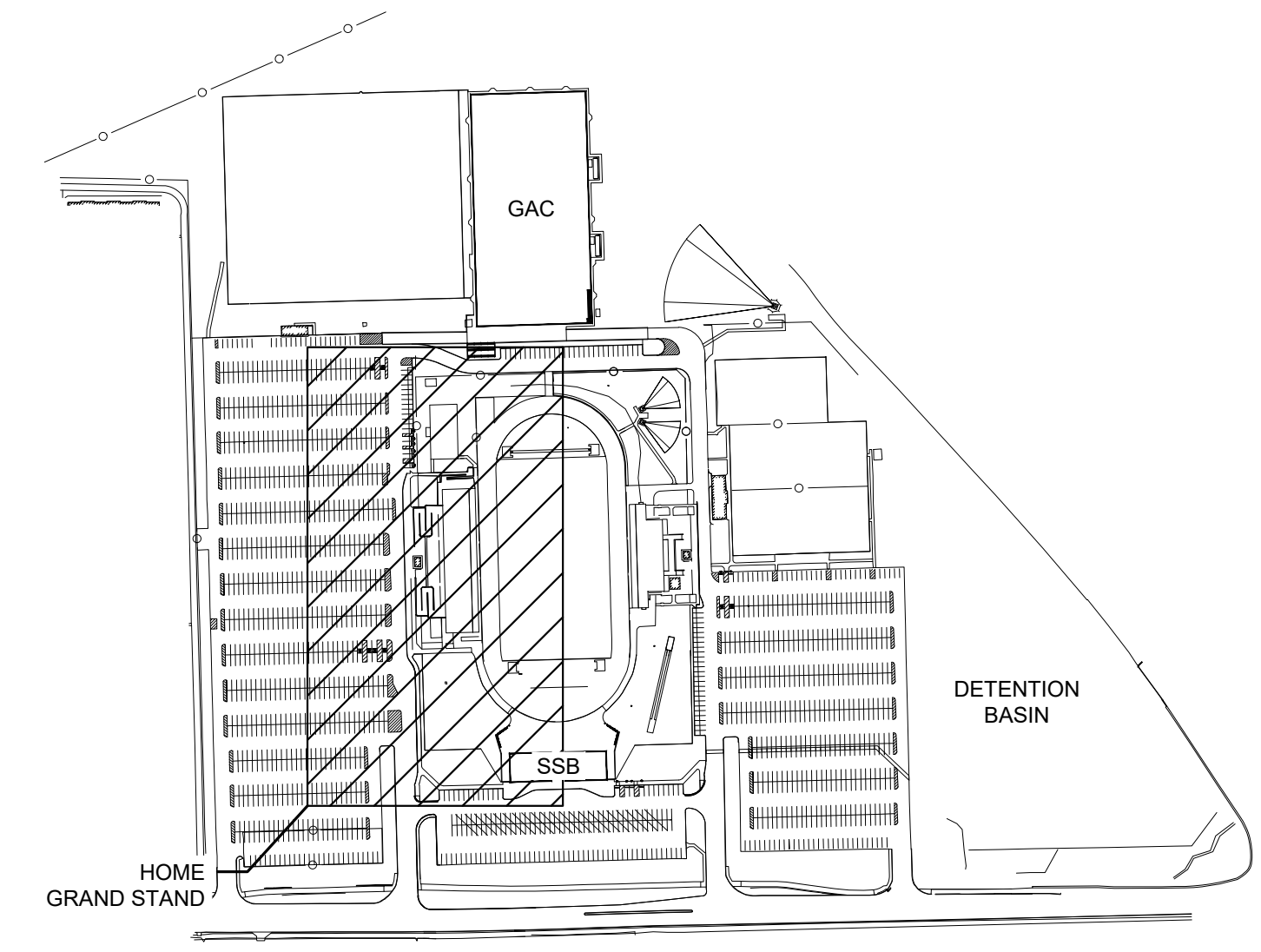
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- ⊙ PROPOSED STORM STRUCTURE
- ⊙ PROPOSED CLEANOUT

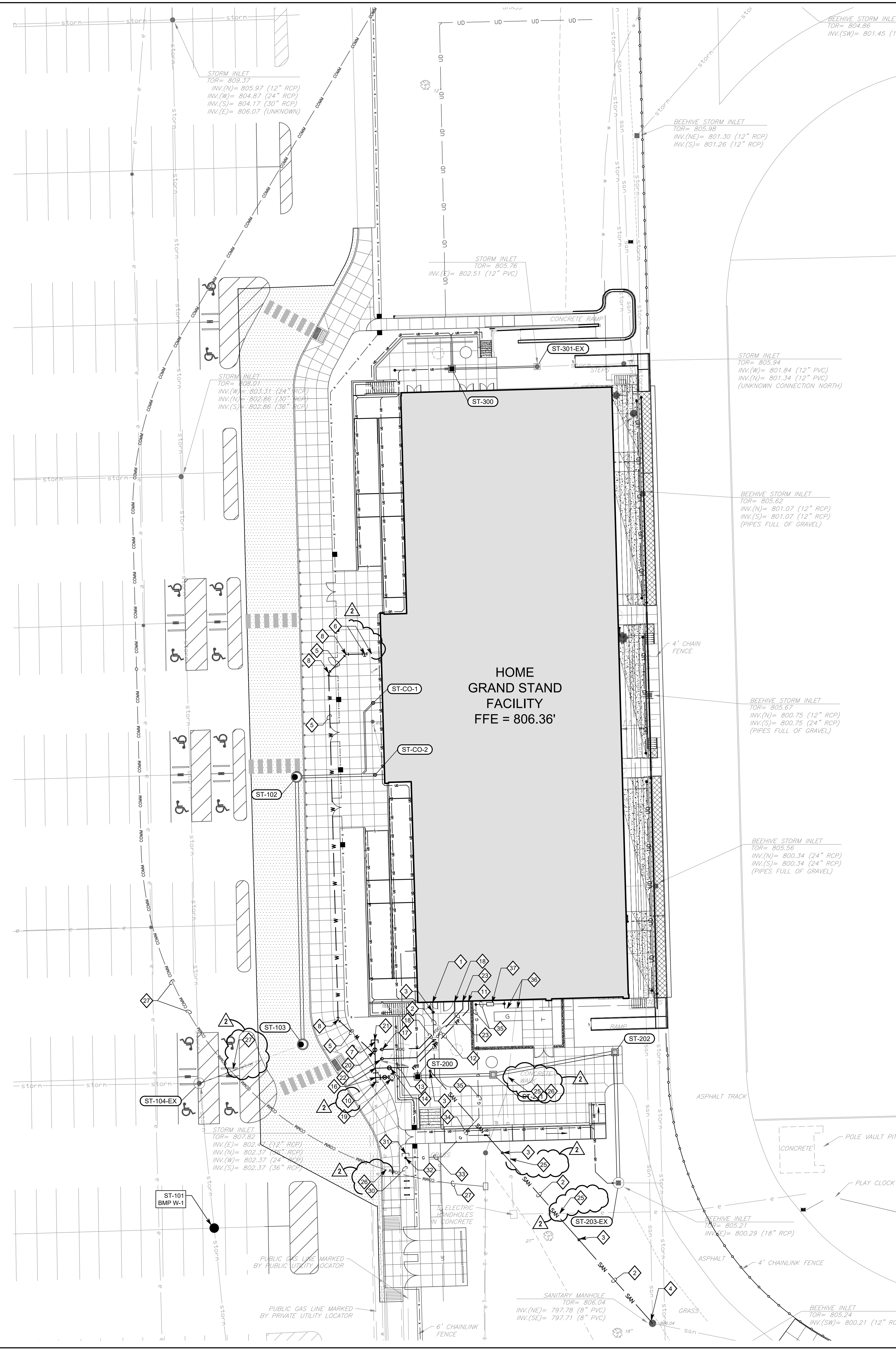
SEE SURVEY FOR ADDITIONAL EXISTING LEGEND ITEMS

### UTILITY KEYNOTES

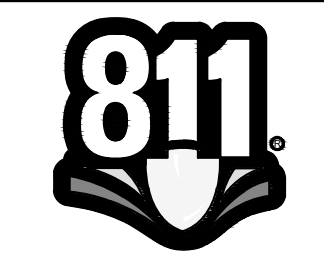
- NEW 6" SANITARY BUILDING LATERAL INVERT ELEV. = 802.20'. COORDINATE PIPE LOCATION, SIZE AND MATERIAL WITH SHEET P2.01.
- 160' OF 6" PVC SDR-35 PIPE @ 1.04% SLOPE
- CLEANOUT, PER DETAIL DSU2.1
- CONNECT SANITARY LATERAL TO EXISTING MANHOLE @ INVERT ELEV. = 799.00'. SEE DETAIL ASU2.1
- NEW 4" PVC C900 DOMESTIC WATER SERVICE LATERAL @ 4' DEPTH (MIN.) TOP OF PIPE ELEV. = 805.00'
- CONNECT NEW DOMESTIC WATER LINE LATERAL TO EXISTING DOMESTIC LATERAL - COORDINATE WITH MEP DRAWINGS
- CONNECT NEW 4" DOMESTIC WATER LINE LATERAL TO EXISTING WATER SERVICE LINE AT THIS LOCATION, COORDINATE SHUT-OFF AT NEAREST VALVE. CAP EXISTING LINE TO THE NORTH.
- PROVIDE PVC C900 FITTINGS WITH THRUST BLOCK AT THIS LOCATION
- NOTE NOT USED
- FIRE PROTECTION LATERAL POINT OF CONNECTION. FIELD VERIFY EXISTING PIPE LOCATION, PIPE SIZE, DEPTH AND MATERIAL.
- FIRE PROTECTION RISER (6" DIP, T) PIPE ELEV. = 799.00' COORDINATE LOCATION AND DEPTH WITH SHEET P2.01
- FIRE PROTECTION LATERAL, 42' OF 6" DIP. TOP OF PIPE ELEV. = 799.00'
- FIRE PROTECTION LATERAL, 12' OF 6" DIP. TOP OF PIPE ELEV. = 799.00' AT NE END SLOPED UP TO 804.00' AT THE WEST END. FIELD VERIFY EXISTING MAIN ELEVATION
- POST INDICATOR VALVE, PER DETAIL F/SU2.4
- NOT USED
- THRUST BLOCKS, PER DETAIL USU2.4
- NEW FIRE DEPARTMENT CONNECTION (FDC), PER DETAIL J/SU2.4
- 45' OF NEW 4" STEEL FDC LINE. COORDINATE PIPE LOCATION AND DEPTH WITH SHEET P2.01. TOP OF PIPE ELEVATION = 799.00' AT THE BUILDING AND SOUTHWEST AT LOWER CONCOURSE ELEVATIONS. TOP OF PIPE AT THE FDC SHALL BE 805.00'. TOP OF PIPE SHALL HAVE A MINIMUM OF 5' OF COVER.
- NEW FIRE HYDRANT ASSEMBLY. SEE DETAIL ASU2.4
- PROVIDE SECTIONAL VALVE. SEE DETAIL G/SU2.4
- PROVIDE FLANGED CAP ON FIRE PROTECTION MAIN, 5' NORTH OF THE SECTIONAL VALVE.
- NEW "DRY" FIRE DEPARTMENT CONNECTION (DRY-FDC), PER DETAIL K/SU2.4.
- 48' OF 4" STEEL "DRY" FDC LINE. COORDINATE PIPE LOCATION, SIZE AND DEPTH WITH SHEET P2.01. TOP OF PIPE ELEVATION = 799.00' AT THE BUILDING AND SOUTHWEST AT LOWER CONCOURSE. TOP OF PIPE ELEVATION AT FDC SHALL BE 805.00'. TOP OF PIPE SHALL HAVE A MINIMUM OF 5' OF COVER.
- NOT USED
- FIELD VERIFY LOCATION AND DEPTH OF EXISTING ELECTRICAL LINE. SUPPORT/SHORE DURING CONSTRUCTION OF NEW UTILITY AS REQUIRED.
- FIELD VERIFY LOCATION AND DEPTH OF EXISTING TELECOMM LINE. SUPPORT/SHORE DURING CONSTRUCTION OF NEW UTILITY AS REQUIRED.
- APPROXIMATE LOCATION OF EXISTING TELECOMMUNICATIONS LINE. FIELD VERIFY DEPTH OF CONDUIT IS AT 4'-0" BELOW EXISTING GRADES (APPROX. 804.50±)
- NOT USED
- NOT USED
- APPROXIMATE LOCATION OF PROPOSED GAS LINE (TOP OF PIPE ELEVATION SHALL BE AT -3'. FIELD VERIFY ACTUAL DEPTH).
- CAP EXISTING GAS SERVICE LINE PER GAS COMPANY REQUIREMENTS.
- TAP EXISTING GAS SERVICE LINE AT THIS LOCATION. (COORDINATE WITH GAS UTILITY COMPANY)
- NEW GAS SERVICE LINE RE-ROUTED TO RELOCATED (NEW) METER TOP OF PIPE ELEV. = 807.00'
- NEW GAS SERVICE LINE RE-ROUTED TO RELOCATED (NEW) METER TOP OF PIPE SLOPES FROM ELEV. = 807.00' AT SOUTHWEST TO ELEV. 803.00' AT NORTHEAST
- NEW GAS SERVICE LINE RE-ROUTED TO RELOCATED (NEW) METER TOP OF PIPE ELEV. = 803.00'
- CONNECT NEW GAS METER AND SERVICE TO EXISTING GAS SERVICE LINE AT THIS LOCATION. COORDINATE WITH GAS UTILITY COMPANY.
- NEW GAS METER, PER GAS UTILITY COMPANY



### LEGEND



HOME GRAND STAND FACILITY  
FFE = 806.36'



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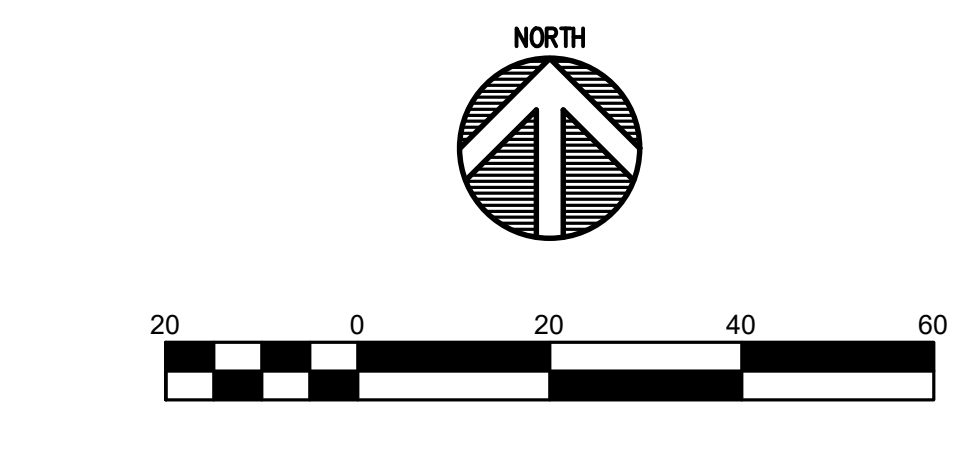
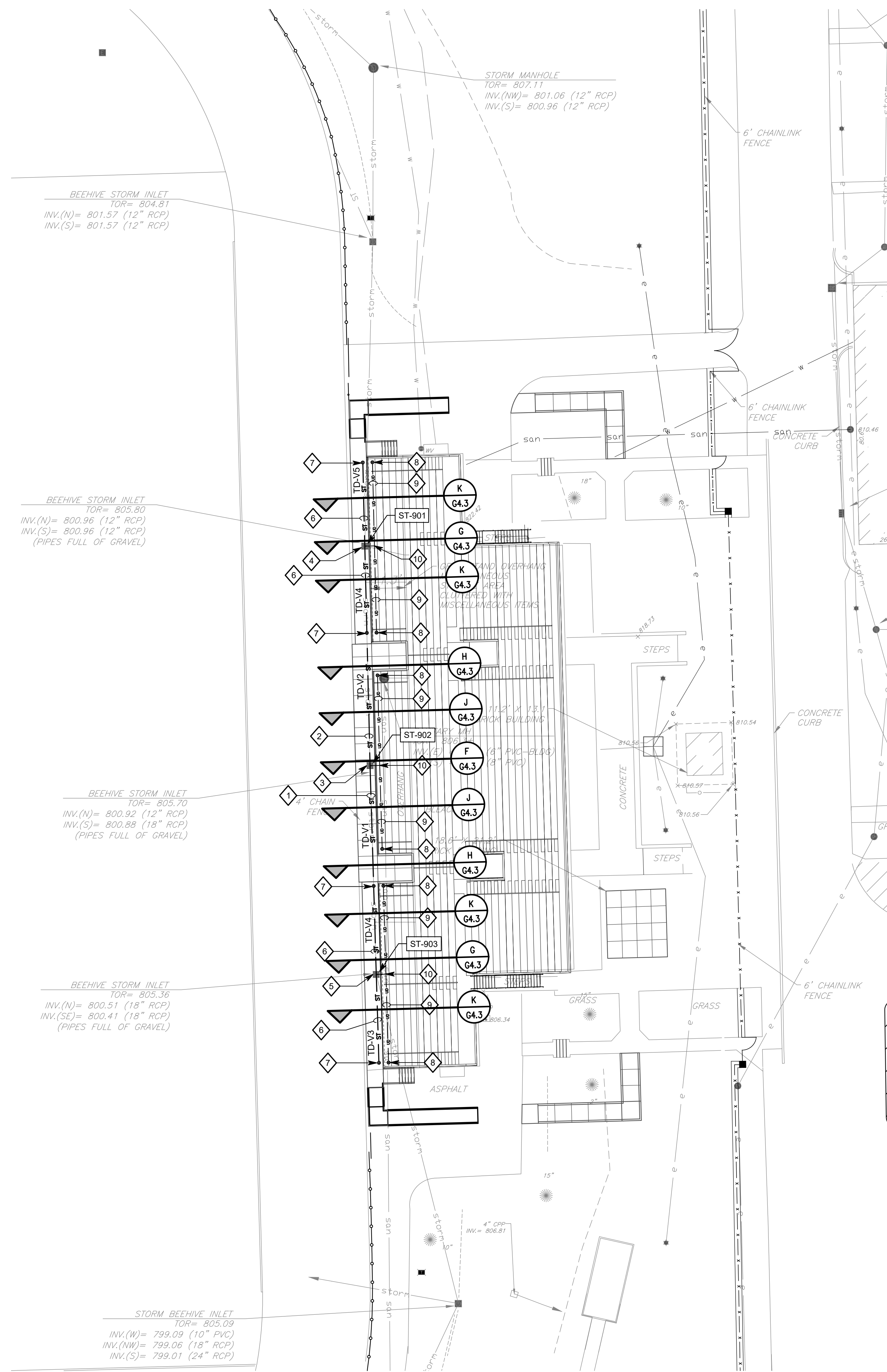
### CAUTION !!

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND BY OTHERS) AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE GROUND EVIDENCE OR FOR WHICH NO ABOVE GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.

STORM STRUCTURE TABLE										
STR. NO.	STRUCTURE	CASTING TYPE	RIM	INCOMING PIPE DATA (DIRECTION) [FROM STR]	OUTGOING PIPE DATA (DIRECTION) [TO STR]	OUTGOING PIPE L.F.	OUTGOING PIPE SIZE	OUTGOING GRADE	CONNECT TO STR.	REMARKS
102	Type "C" Manhole	R-2502	809.68	12" PVC Pipe 803.41 (E) [CO-2]	12" RCP 803.31 (S) [103]	115'	12"	0.50%	103	-
103	Type "C" Manhole	R-2502	808.99	12" RCP 802.73 (N) [102]	15" RCP 802.63 (W) [104-EX]	48'	15"	0.55%	104-EX	-
200	Inlet Type "A"	R-3405	806.26	6" HDPE Pipe 801.67 (W) [ ] 6" HDPE Pipe 801.67 (N) [ ]	12" HDPE Pipe 801.57 (E) [201]	33'	12"	0.50%	201	-
201	Inlet Type "A"	R-3405	805.75	12" HDPE Pipe 801.41 (W) [200]	12" RCP 801.31 (E) [202]	53'	12"	0.75%	202	-
202	Inlet Type "A"	R-3405	806.01	12" RCP 800.91 (W) [201]	12" RCP 800.81 (S) [203-EX]	56'	12"	0.75%	203-EX	-
203-EX	Existing	Existing	805.36	12" RCP 800.39 (N) [202] 6" HDPE Pipe 800.39 (W) [ ]	18" RCP 800.29 (E) [ ]	-	18"	-	-	-
300	Inlet Type "A"	R-1800-C	806.21	6" PVC Pipe 803.14 (N) [ ] 6" HDPE Pipe 803.14 (W) [ ]	6" HDPE Pipe 803.04 (E) [301-EX]	37'	6"	0.50%	301-EX	-
301-EX	Existing	R-3405	805.76	6" HDPE Pipe 802.86 (W) [300]	12" PVC Pipe 802.76 (E) [ ]	-	12"	-	-	-
400	Type "C" Manhole	R-3286-BV	813.35	-	12" RCP 808.58 (E) [401-EX]	28'	12"	0.50%	401-EX	-
401-EX	Existing	Existing	813.46	12" RCP 808.44 (W) [400]	12" RCP 808.33 (S) [ ]	-	12"	-	-	-

- NOTE:
- DIRECTIONAL NOTES FOR PIPES ARE BASED ON TRUE NORTH.
  - ALL STORM SEWER CASTINGS (OPEN LIDS AND SOLID LIDS) SHALL HAVE AN ENVIRONMENTAL LOGO SUCH AS "DUMP NO WASTE, DRAINS TO WATERWAYS" EMBOSSED (STAMPED) INTO CASTING. IN ADDITION, A SYMBOL OF A FISH SHALL ALSO BE CAST WITH THE LETTERING. NO "ADD-ON" PLATES OR STICKERS (DECALS) WILL BE PERMITTED.
  - ALL STORM SEWER MANHOLE COVERS SHALL HAVE THE WORDS "STORM SEWER" CAST IN RECESSED LETTERS TWO INCHES IN HEIGHT.
  - PIPE LENGTHS SHOWN IN THE TABLE ARE TO CENTER OF STRUCTURE.
  - CASTINGS AND FRAMES SHOWN IN TABLE REFER TO NEEHAH FOUNDRY MODELS MAY BE SUBSTITUTED WITH AN APPROVED EQUIVALENT CASTING ONLY WITH ENGINEER APPROVAL.
  - PVC PIPE LISTED IN THE STORM STRUCTURE TABLE SHALL BE SDR-35 UNLESS NOTED OTHERWISE.

STRUCTURE TABLE LEGEND  
 RCP REINFORCED CONCRETE PIPE  
 PVC POLYVINYL CHLORIDE PIPE  
 HDPE HIGH DENSITY POLYETHYLENE PIPE (N-12)



**GENERAL NOTES**

- SEE DRAWING GD0.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
- TOPOGRAPHIC CONDITIONS AND EXISTING UTILITIES SHOWN WERE PROVIDED BY GEC CIVIL & ENVIRONMENTAL CONSULTANTS DATED MAY 17, 2022. THE ENGINEER MAKES NO GUARANTEES THAT THE UNDERGROUND UTILITIES SHOWN COMPRISE ALL SUCH UTILITIES IN THE AREA, EITHER IN SERVICE OR ABANDONED.
- CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE PROJECT AREA INCLUDING UNDERGROUND UTILITY CONDITIONS, LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- SEE SHEET SU1.2 FOR NEW SANITARY SEWER LATERAL, FIRE PROTECTION, DOMESTIC WATER, GAS, ELECTRICAL/POWER AND TELECOMMUNICATION INFORMATION.
- THE PROPOSED STORM SEWER SYSTEM FOR THIS PROJECT WILL BE PRIVATE OWNED.
- NO EARTH DISTURBING ACTIVITY MAY COMMENCE WITHOUT AN APPROVED STORM WATER MANAGEMENT PERMIT.
- UTILITY RELOCATIONS REQUIRED BY THE PROJECT SHALL BE THE RESPONSIBILITY OF THE DEVELOPER. UTILITY LINE RELOCATIONS REQUIRED FOR ROAD PROJECTS THAT RESULT IN A CONFLICT WITH PROPOSED DEVELOPMENT SHALL BE THE DEVELOPER'S RESPONSIBILITY TO RESOLVE WITH THE UTILITY. EXISTING POLE LINES REQUIRED TO BE RELOCATED TO WITHIN ONE FOOT OF PROPOSED RIGHT-OF-WAY LINE.
- DAMAGE TO THE EXISTING RIGHT-OF-WAY SHALL RESTORED/REPAIRED TO THE SATISFACTION OF THE CITY AT THE COMPLETION OF THE PROJECT. THE CONTRACTOR IS ENCOURAGED TO INSPECT THE RIGHT-OF-WAY WITH THE CITY PRIOR TO THE START OF CONSTRUCTION TO DOCUMENT THE EXISTING CONDITION OF THE RIGHT-OF-WAY. SEE SHEET GD.1 FOR ADDITIONAL INFORMATION ON THE CITY OF CARMEL'S PAVING AND CURB POLICIES.
- ALL PAVING WITHIN THE EXISTING AND PROPOSED CITY RIGHT-OF-WAY SHALL CONFORM TO THE REQUIREMENTS OF THE DEPARTMENT OF ENGINEERING. THE CONTRACTOR SHALL CONTACT THE DEPARTMENT OF ENGINEERING TO SCHEDULE A PRE-CONSTRUCTION MEETING TO REVIEW THE DEPARTMENT'S CONSTRUCTION REQUIREMENTS, STAFF NOTIFICATION REQUIREMENTS, REQUIRED INSPECTIONS FOR CERTAIN STAGES OF THE WORK AND TO REVIEW THE AUTHORITY OF THE DEPARTMENT AS IT RELATES TO WORK WITHIN THE EXISTING AND PROPOSED RIGHT-OF-WAY.

**UTILITY KEYNOTES**

- 32"-6" OF TRENCH DRAIN "TD-V1", PER DETAIL D/G4.3 AND D/SU2.2.
- 32"-6" OF TRENCH DRAIN "TD-V2", PER DETAIL D/G4.3 AND D/SU2.2.
- RAISE EXISTING STORM STRUCTURE "ST-902" TRIM ELEV. FROM 805.70' TO 806.27' WITH PRECAST ADJUSTING RINGS. REPLACE EXISTING BEE-HIVE GRATE WITH NEEHAH R-2540 (OR SIMILAR) FLAT GRATE (FIELD VERIFY GRATE SIZE). CONNECT NEW 4" PVC PIPES AT INVERT ELEV. 805.00' (NORTH & SOUTH). CONNECT (CORE) NEW 6" DIA. HDPE UNDERDRAIN AT INVERT ELEV. = 804.00' (EAST).
- RAISE EXISTING STORM STRUCTURE "ST-901" TRIM ELEV. FROM 805.80' TO 806.27' WITH PRECAST ADJUSTING RINGS. REUSE EXISTING GRATE. CONNECT NEW 6" SLOTTED DRAIN AT INVERT ELEV. 805.00' (NORTH & SOUTH). CONNECT (CORE) NEW 6" DIA. HDPE UNDERDRAIN AT INVERT ELEV. = 804.00' (EAST).
- RAISE EXISTING STORM STRUCTURE "ST-903" TRIM ELEV. FROM 805.36' TO 806.27' WITH PRECAST ADJUSTING RINGS. REUSE EXISTING GRATE. CONNECT (CORE) NEW 6" SLOTTED DRAIN DIA. AT INVERT ELEV. 805.00' (NORTH & SOUTH). CONNECT (CORE) NEW 6" DIA. HDPE UNDERDRAIN AT INVERT ELEV. = 804.00' (EAST).
- 25" OF 6" DIA. SLOTTED DRAIN. PER DETAILS B & D/G4.3 AND SHEET SU3.2
- CLEANOUT, PER DETAIL J/SU2.2. INVERT ELEV. = 805.27'
- CLEANOUT, PER DETAIL J/SU2.2. INVERT ELEV. = 804.14'
- 28" OF 6" DIA. PERFORATED HDPE UNDERDRAIN PIPE @ 0.50% SLOPE, PER DETAILS D & E/G4.3
- PROVIDE HDPE 6" x 6" x 6" TEE-FITTING AND CONNECT TO EXISTING STORM STRUCTURE

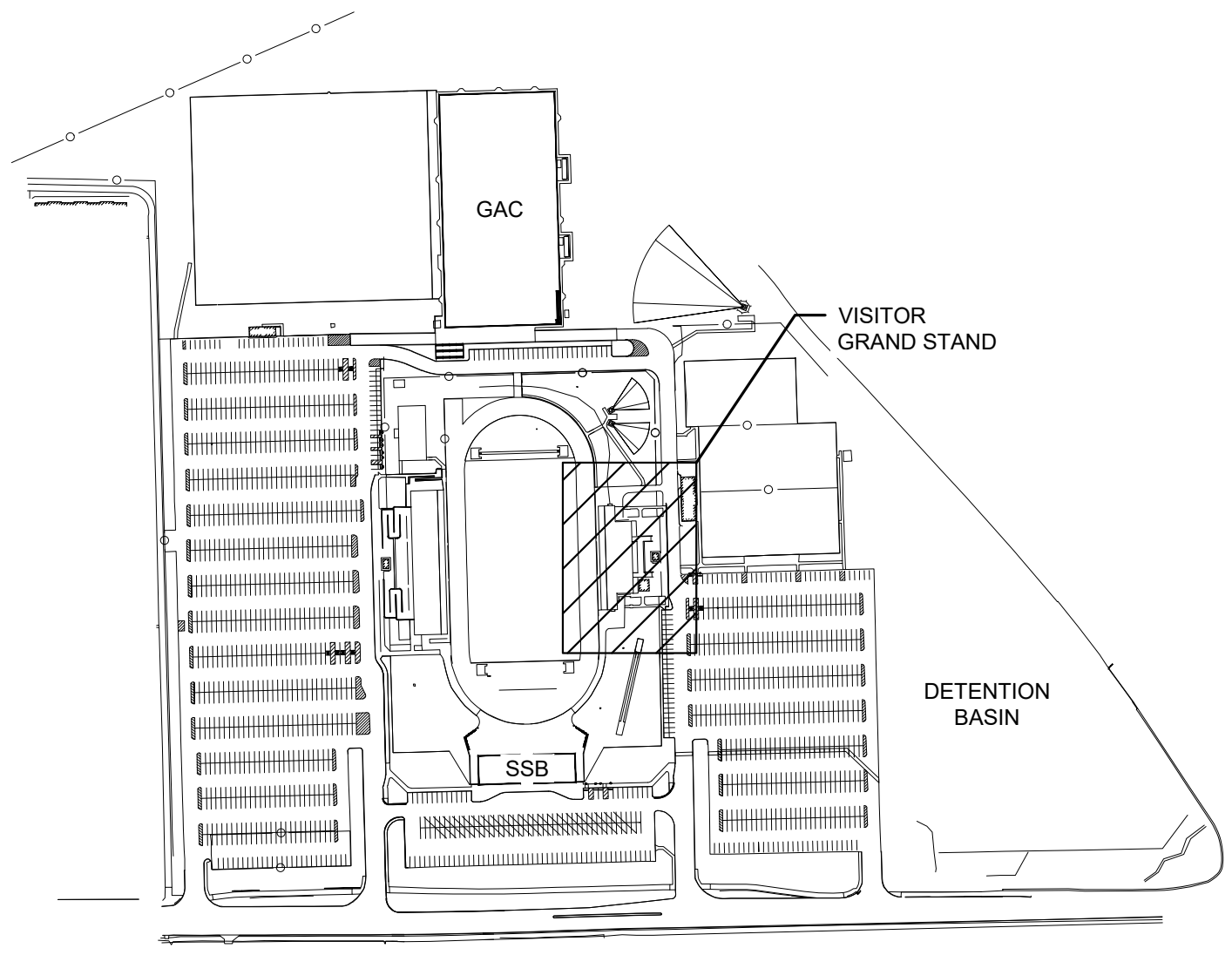
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**UTILITY LEGEND**

- COMM — EXISTING COMMUNICATION LINE
  - UE — PROPOSED ELECTRICAL LINE
  - FP — PROPOSED FIRE PROTECTION LINE
  - G — PROPOSED GAS LINE
  - SAN — PROPOSED SANITARY SEWER LINE
  - ST — PROPOSED STORM SEWER LINE
  - W — PROPOSED WATER LINE
  - ⊕ PROPOSED FIRE HYDRANT
  - ⊕ PROPOSED FIRE DEPARTMENT CONNECTION
  - ⊕ PROPOSED POST INDICATOR VALVE
  - ⊕ PROPOSED STORM STRUCTURE
  - ⊕ PROPOSED CLEANOUT
- SEE SURVEY FOR ADDITIONAL EXISTING LEGEND ITEMS



**LEGEND**

**222154.00  
 CARMEL HIGH SCHOOL STADIUM  
 GRANDSTAND RENOVATION  
 PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
 2450 E. SMOKY ROW (VISITOR SIDE)  
 CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

5201 E Main Street, Carmel, IN 46033  
 317-964-9991

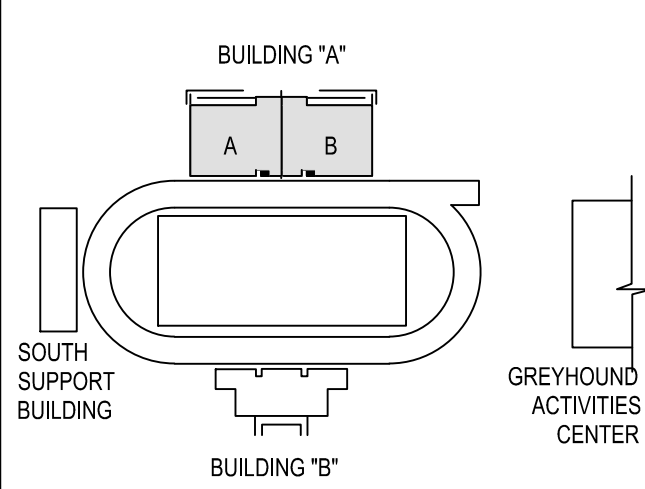
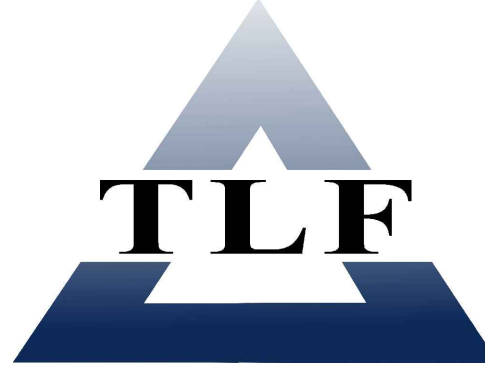


ARCHITECT

**FANNING  
 HOWEY**

317.848.0966 WWW.FHAI.COM  
 350 E NEW YORK ST, SUITE 300, INDIANAPOLIS IN 46204

CONSULTANT



**KEY PLAN**

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: PWR  
 DRAWN BY: ARS  
 PROJECT NUMBER: 222154.00  
 PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

**SITE UTILITY PLAN**

**SU1.3**

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

CARMEL CLAY SCHOOLS  
3201 E. Main Street, Carmel, IN 46033  
317-944-9991

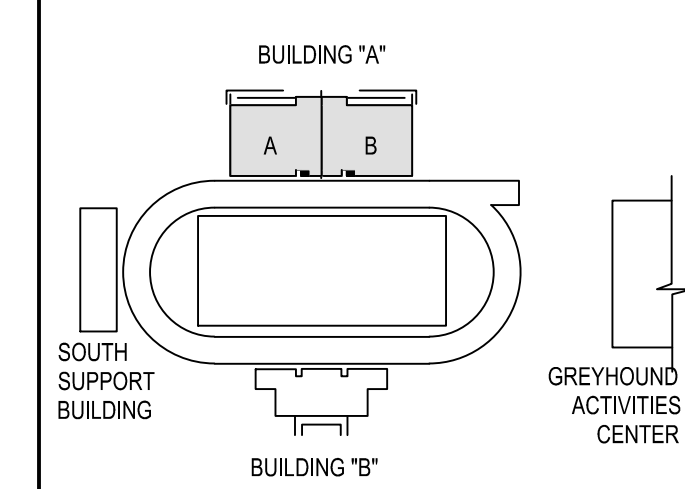
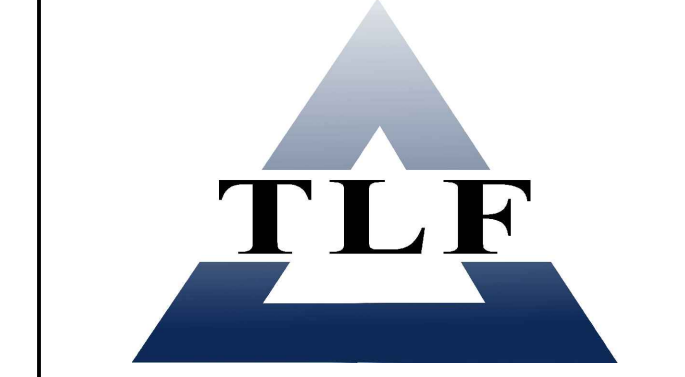


ARCHITECT



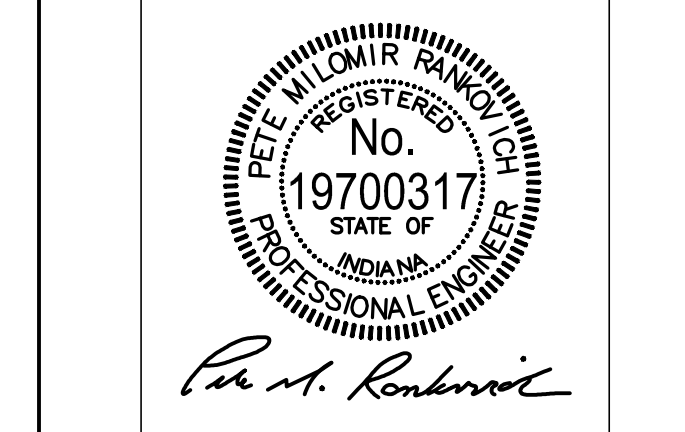
317.848.0966 WWW.FHAI.COM  
350 E. NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204

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### KEY PLAN

100% CONSTRUCTION DOCUMENTS

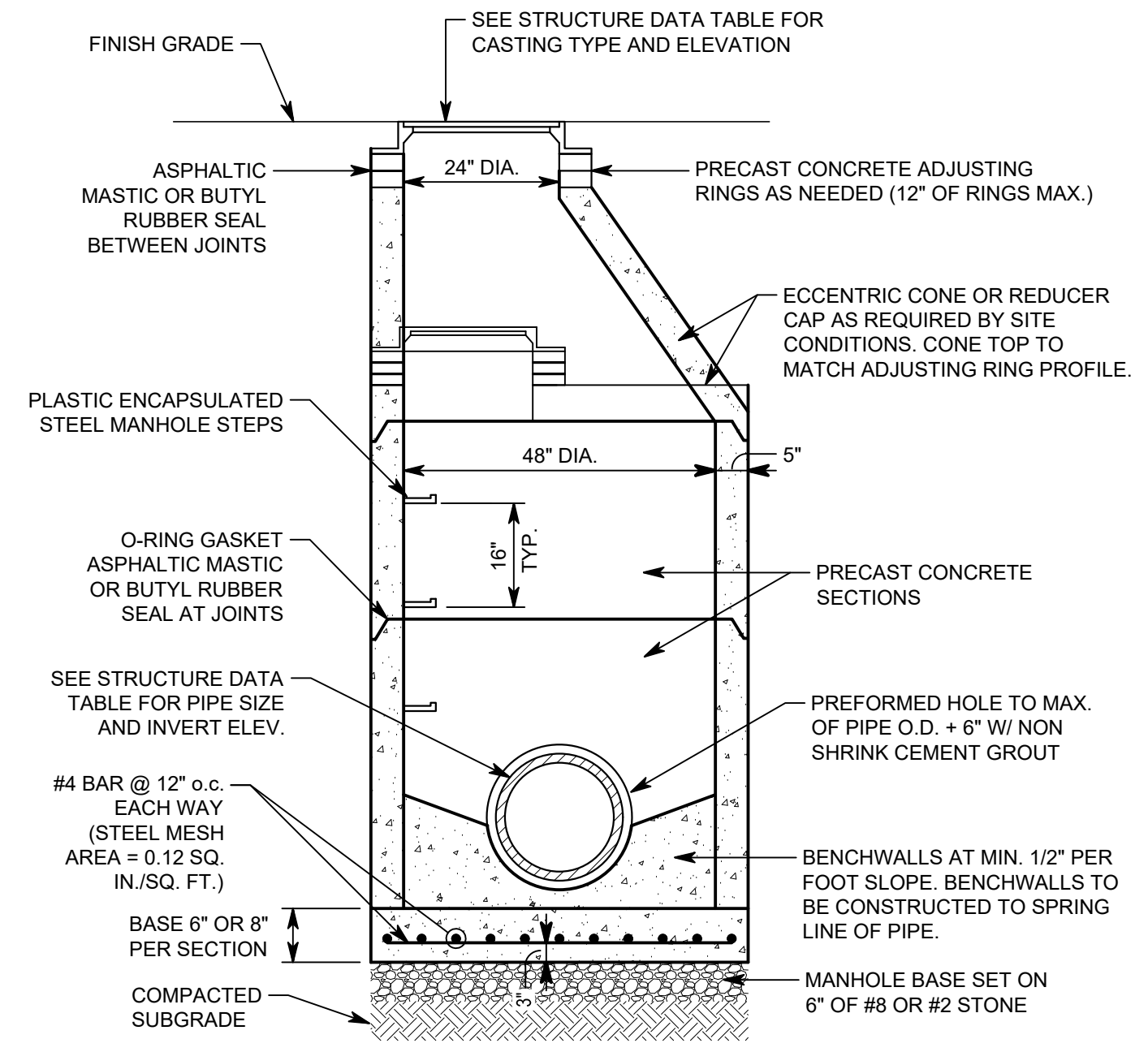


PROJECT MANAGER: PAIR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

### SITE UTILITY DETAILS

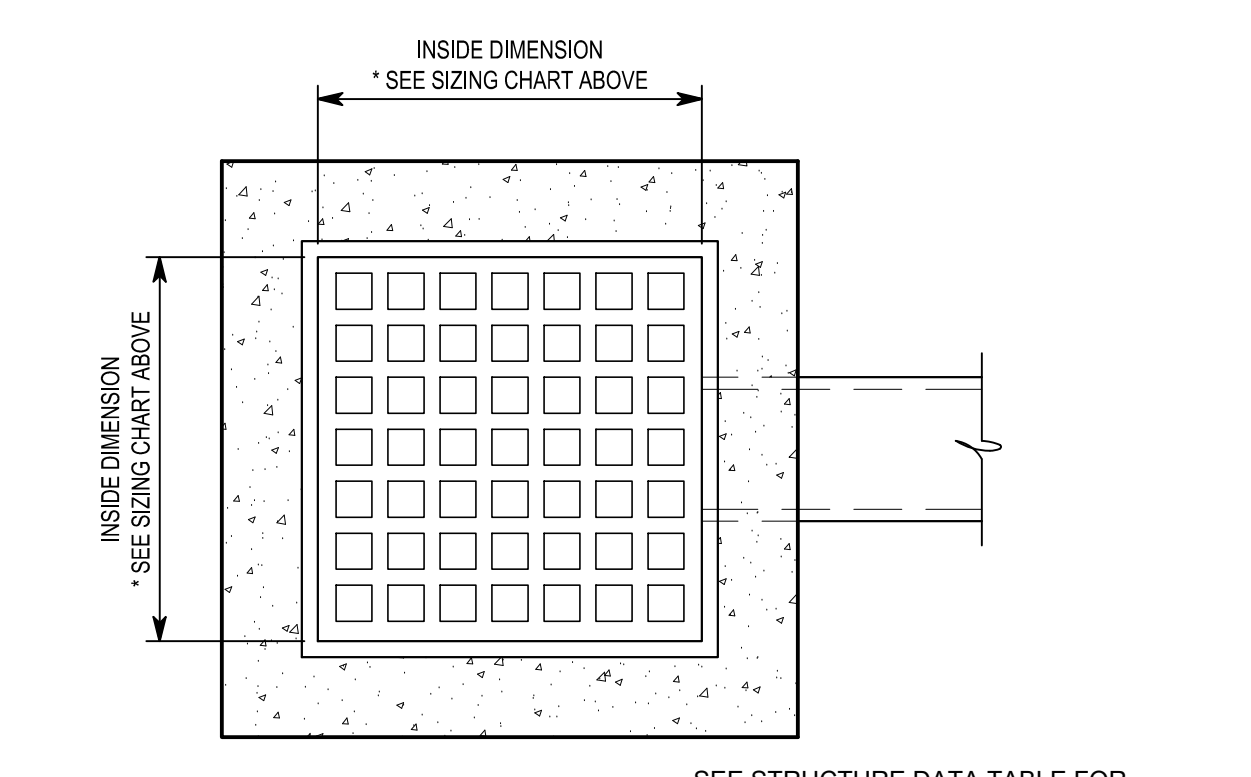
# SU2.2



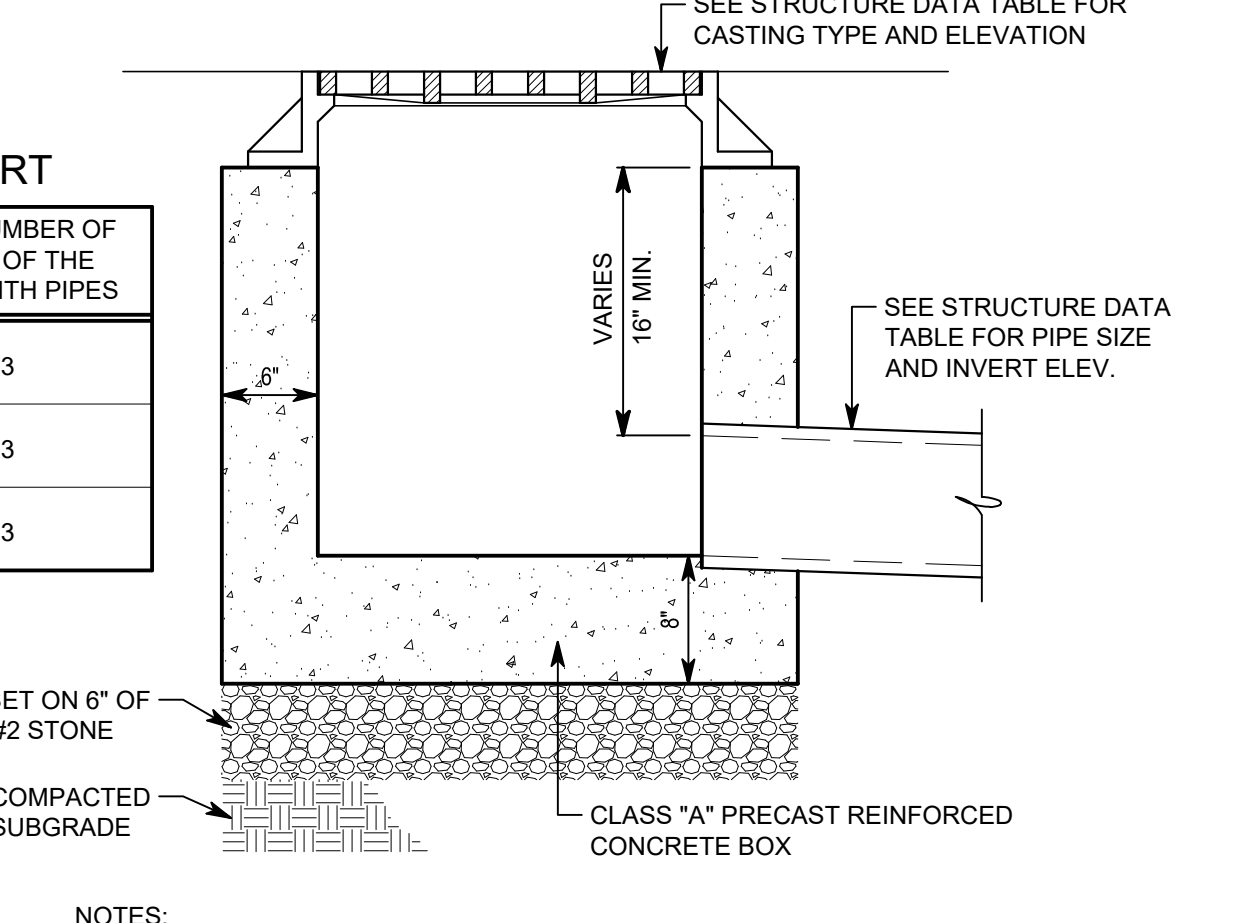
- MANHOLE CONFORMS TO ASTM C478. JOINTS CONFORM TO ASTM C443.
- ALL STORM SEWER CASTINGS SHALL BE MARKED "DUMP NO WASTE DRAINS TO WATERWAYS".
- SEE UTILITY PLAN FOR STORM SEWER STRUCTURE DATA TABLE.

### STORM MANHOLE TYPE "C" - DETAIL A

1/2" = 1'-0"



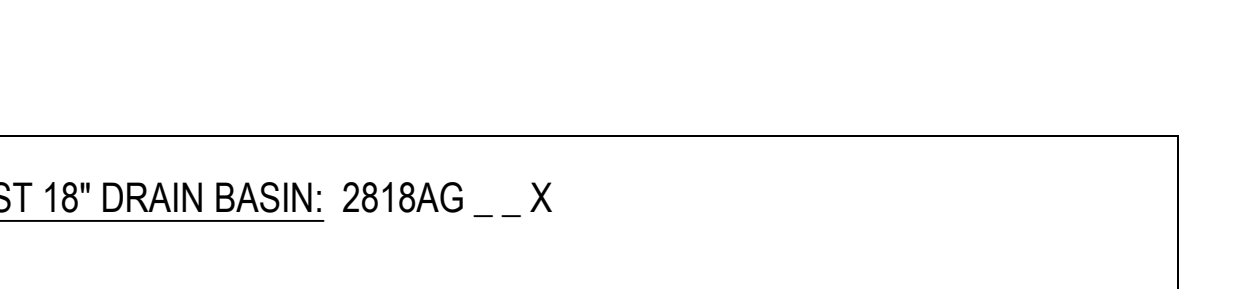
INSIDE DIMENSIONS	INLET TYPE	PIPE SIZE	MAX. NUMBER OF SIDES OF INLET WITH PIPES
24" X 24"	"A"	12" TO 15"	3
30" X 30"	"F"	15" TO 18"	3
24" X 36"	"M"	18" TO 24"	3



- ALL STORM SEWER CASTINGS SHALL BE MARKED "DUMP NO WASTE DRAINS TO WATERWAYS".
- SEE UTILITY PLAN FOR STORM SEWER STRUCTURE DATA TABLE.

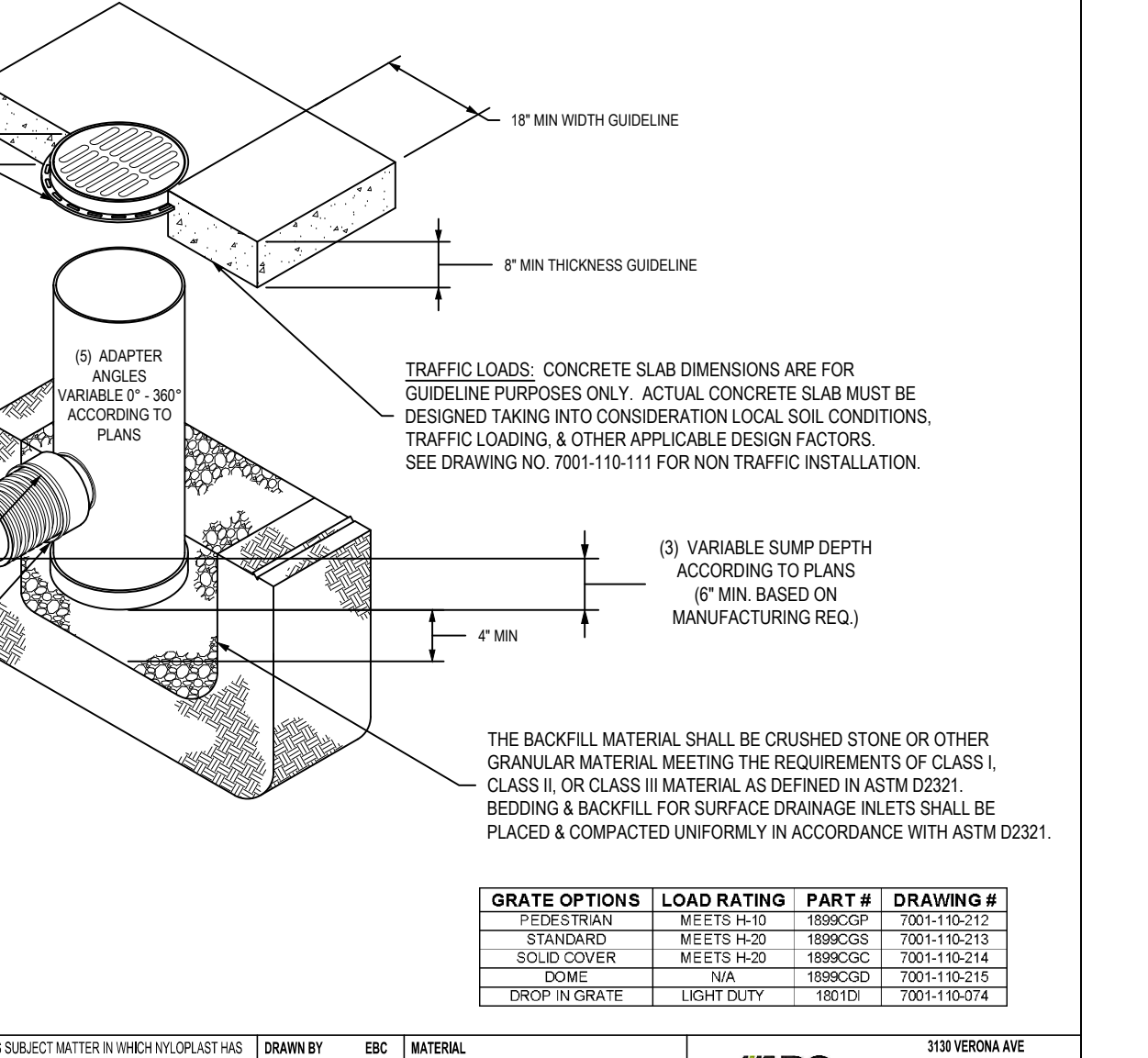
### STORM INLET - DETAIL B

1" = 1'-0"



### UNDERDRAIN - DETAIL E

1 1/2" = 1'-0"

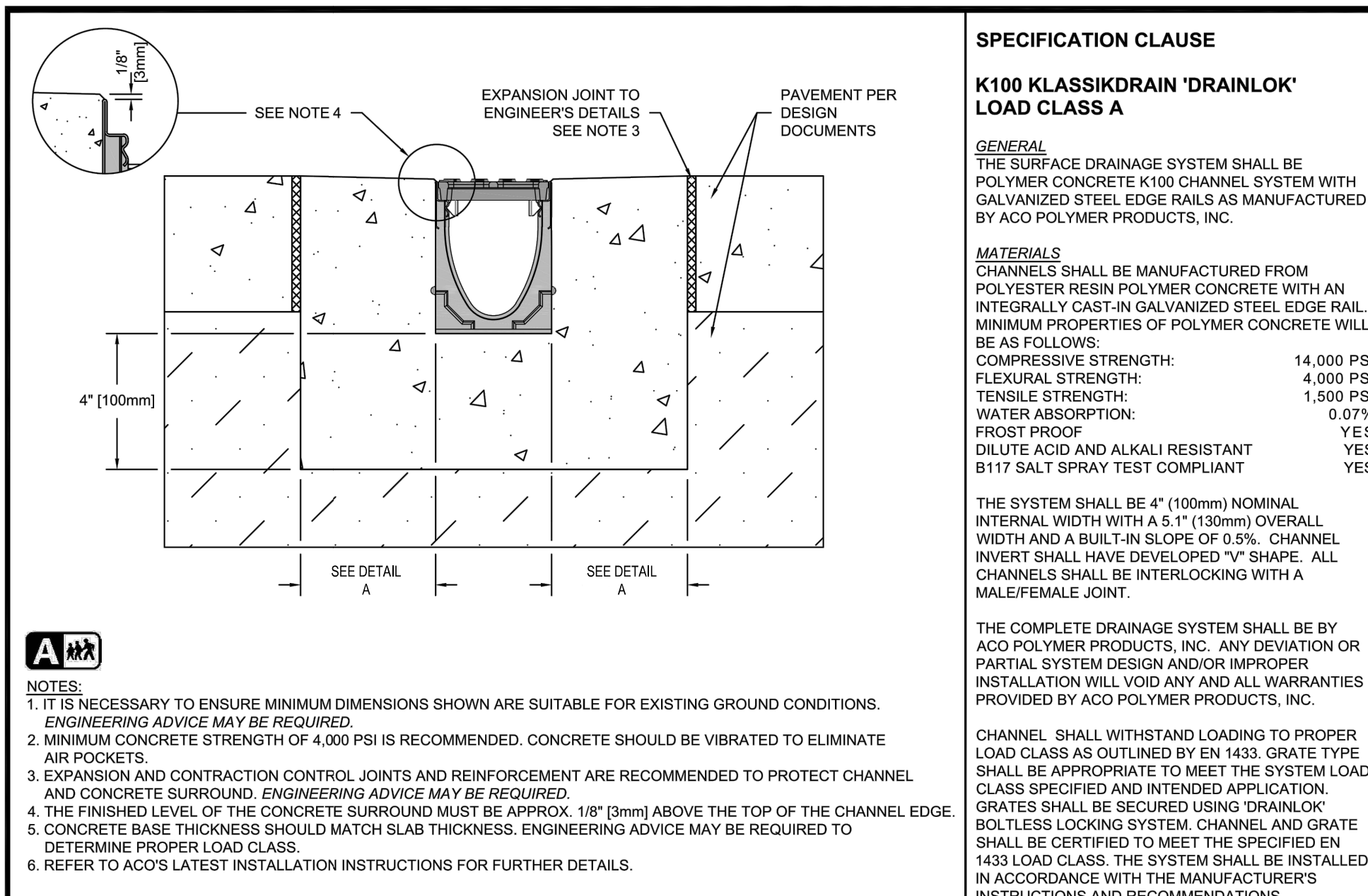


GRADE OPTIONS	LOAD RATING	PART #	DRAWING #
PIPE/FRAM	MEETS H-20	1880CIP	1001110217
STANDARD	MEETS H-20	1880COC	1001110217
SOLID COVER	MEETS H-20	1880COC	1001110214
SOAK	N/A	1880COC	1001110212
CRCP TO SOAK	18T10	18T10	1001110214

1. GRATES/SOLID COVER SHALL BE DUCTILE IRON PER ASTM A836 GRADE 70-50-05.  
2. FRAMES SHALL BE DUCTILE IRON PER ASTM A836 GRADE 70-50-05.  
3. DRAIN BASIN TO BE CUSTOM MANUFACTURED ACCORDING TO PLAN DETAILS.  
4. RISERS ARE REQUIRED FOR BASINS OVER 4' TO 6' TO SHIPPING RESTRICTIONS.  
5. SEE DRAWING NO. 2001-110-110-110 FOR NON TRAFFIC INSTALLATION.  
6. THE PART OR AN EQUIVALENT CONTAINED HEREIN OR IN ANY DRAWING IS HEREBY REFERRED TO AS THE SPECIFICATION TO WHICH IT IS REFERRED EXCEPT BY SPECIFIC WRITTEN PERMISSION FROM IADS.

### NYLOPLAST STRUCTURE - DETAIL C

NO SCALE



**SPECIFICATION CLAUSE**  
**K100 KLASIKRAIN 'DRAINLOK' LOAD CLASS A**

**GENERAL**  
THE SURFACE DRAINAGE SYSTEM SHALL BE POLYMER CONCRETE K100 CHANNEL SYSTEM WITH GALVANIZED STEEL EDGE RAILS AS MANUFACTURED BY ACO POLYMER PRODUCTS, INC.

**MATERIALS**  
CHANNELS SHALL BE MANUFACTURED FROM POLYESTER RESIN POLYMER CONCRETE WITH AN INTERNALLY CAST-IN GALVANIZED STEEL EDGE RAIL. MINIMUM PROPERTIES OF POLYMER CONCRETE WILL BE AS FOLLOWS:  
COMPRESSIVE STRENGTH: 14,000 PSI  
FLEXURAL STRENGTH: 4,000 PSI  
TENSILE STRENGTH: 1,500 PSI  
WATER ABSORPTION: 0.07%  
FROST PROOF: YES  
DILUTE ACID AND ALKALI RESISTANT: YES  
B117 SALT SPRAY TEST COMPLIANT: YES

THE SYSTEM SHALL BE 4" (100mm) NOMINAL INTERNAL WIDTH WITH A 4.1" (105mm) OVERALL WIDTH AND A BUILT-IN SLOPE OF 0.2%. CHANNEL INVERT SHALL HAVE DEVELOPED "V" SHAPE. ALL CHANNELS SHALL BE INTERLOCKING WITH A MALE/FEMALE JOINT.

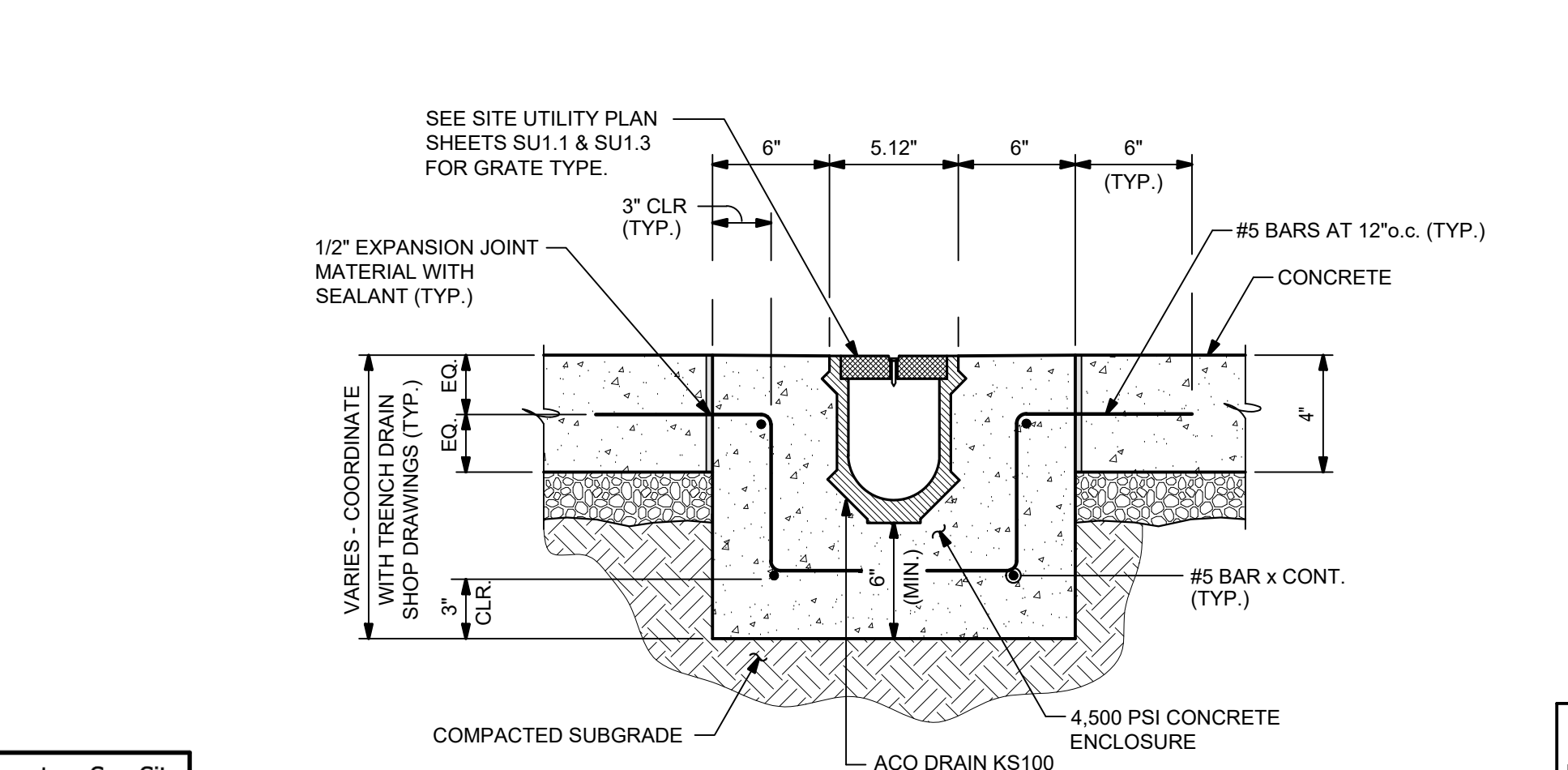
THE COMPLETE DRAINAGE SYSTEM SHALL BE BY ACO POLYMER PRODUCTS, INC. ANY DEVIATION OR PARTIAL SYSTEM DESIGN AND/OR IMPROPER INSTALLATION WILL VOID ANY AND ALL WARRANTIES PROVIDED BY ACO POLYMER PRODUCTS, INC.

CHANNEL SHALL WITHSTAND LOADS TO PROPER LOAD CLASS AS OUTLINED BY EN 1433. GRATE TYPE SHALL BE APPROPRIATE TO MEET THE SYSTEM LOAD CLASS SPECIFIED AND INTENDED APPLICATION. GRATES SHALL BE SECURED USING DRAINLOK SCREWLESS LOCKING SYSTEM CHANNEL AND GRATE SHALL BE CERTIFIED TO MEET THE SPECIFIED EN 1433 LOAD CLASS. THE SYSTEM SHALL BE INSTALLED IN ACCORDANCE WITH THE MANUFACTURER'S INSTRUCTIONS AND RECOMMENDATIONS.

K100-A-ECP	<b>K100 - KLASIKRAIN - LOAD CLASS: A</b> Exposed Concrete Pavement	<b>ACO Polymer Products, Inc.</b> 825 W. Beachcraft St Columbus, OH 43061 Tel: 520-421-9999 Fax: 520-421-8899	9470 Pinacott Dr. Mentor, OH 44060 Tel: 440-639-7230 Fax: 440-639-7235	4211 Pleasant Rd. Fort Mill, SC 29708 Tel: 440-639-7230 Fax: 803-802-1093
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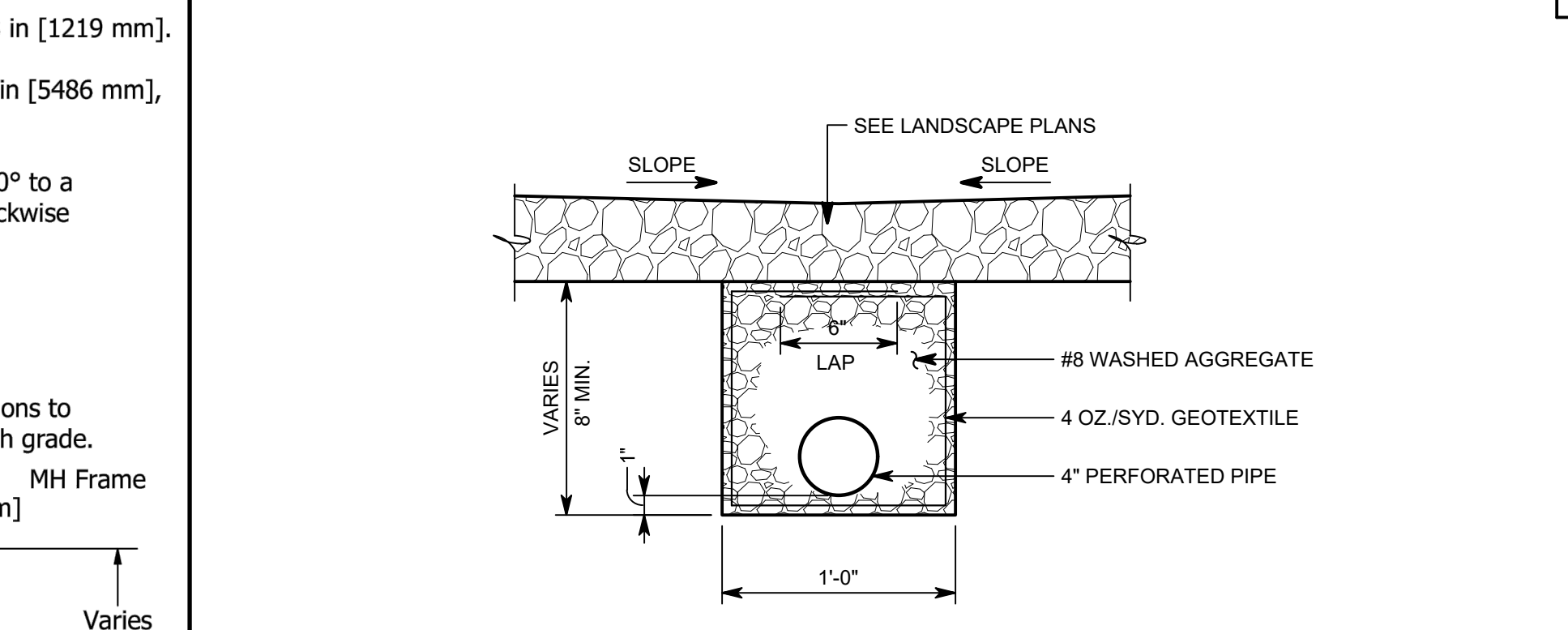
### KS100 ACO TRENCH DRAIN

NO SCALE



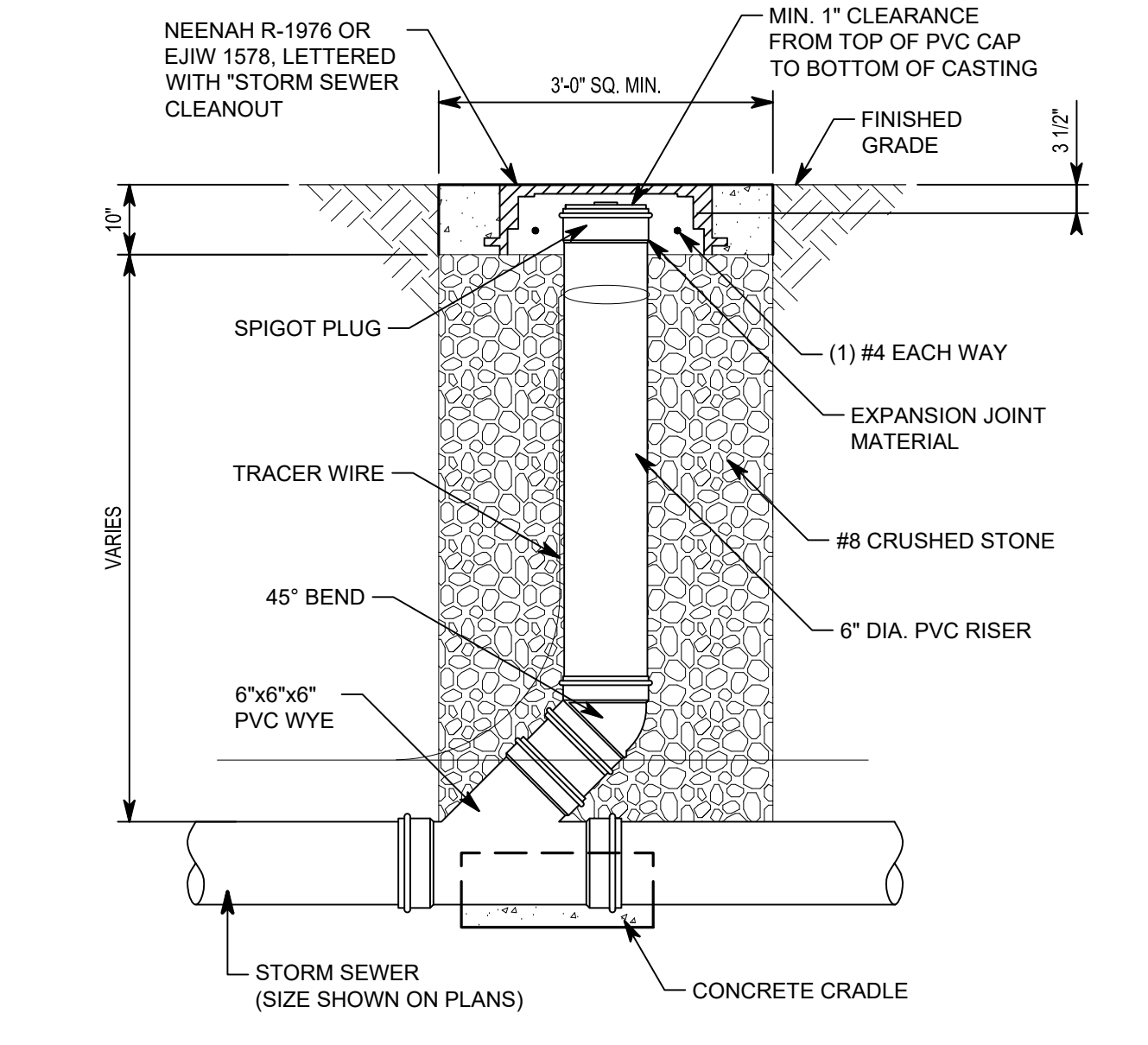
### KS100 ACO TRENCH DRAIN - DETAIL D

NO SCALE



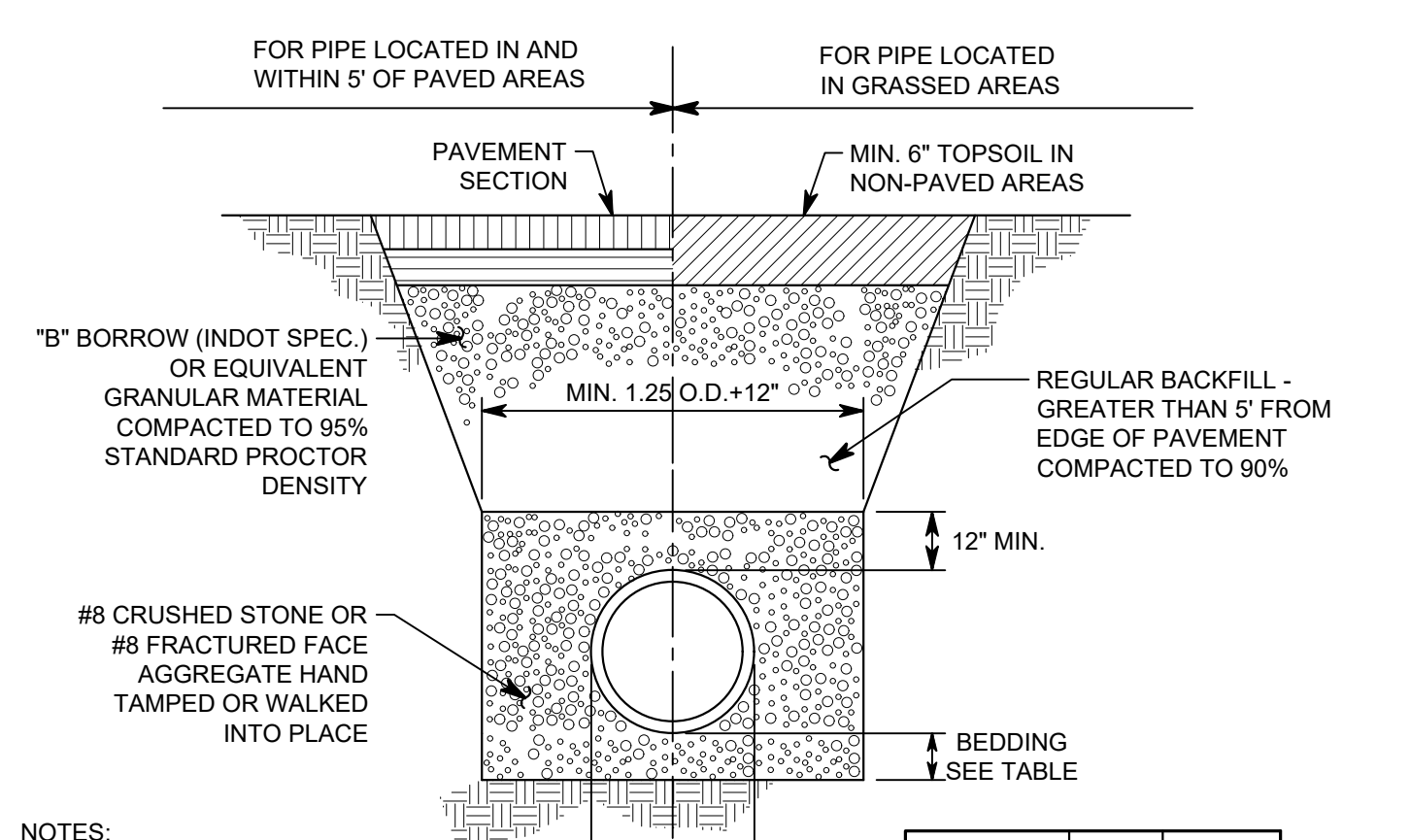
### STORM SEWER / WATER LINE CROSSING - DETAIL G

NO SCALE



### EXTERIOR CLEANOUT TYPE 1 - DETAIL J

NO SCALE

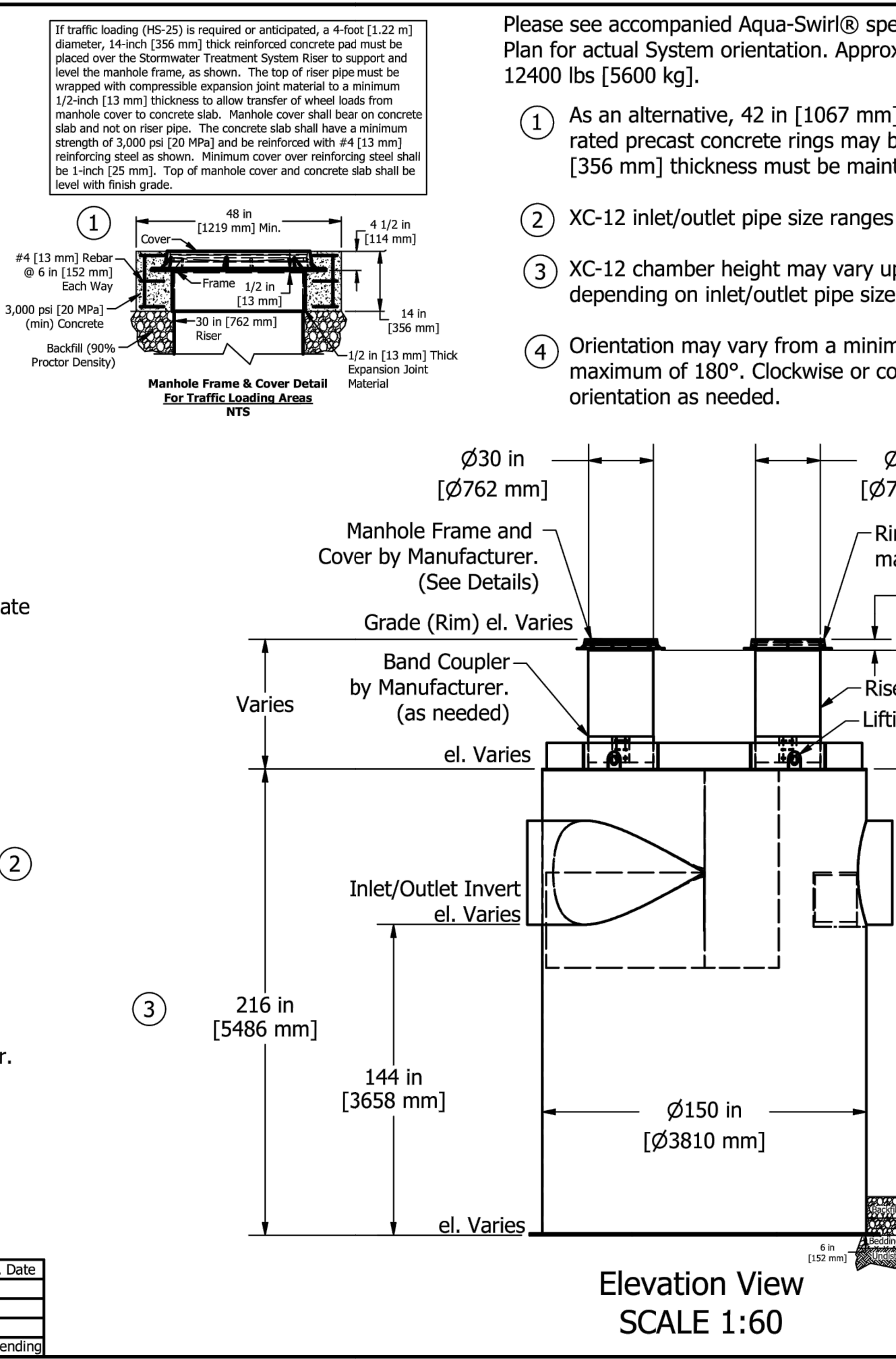
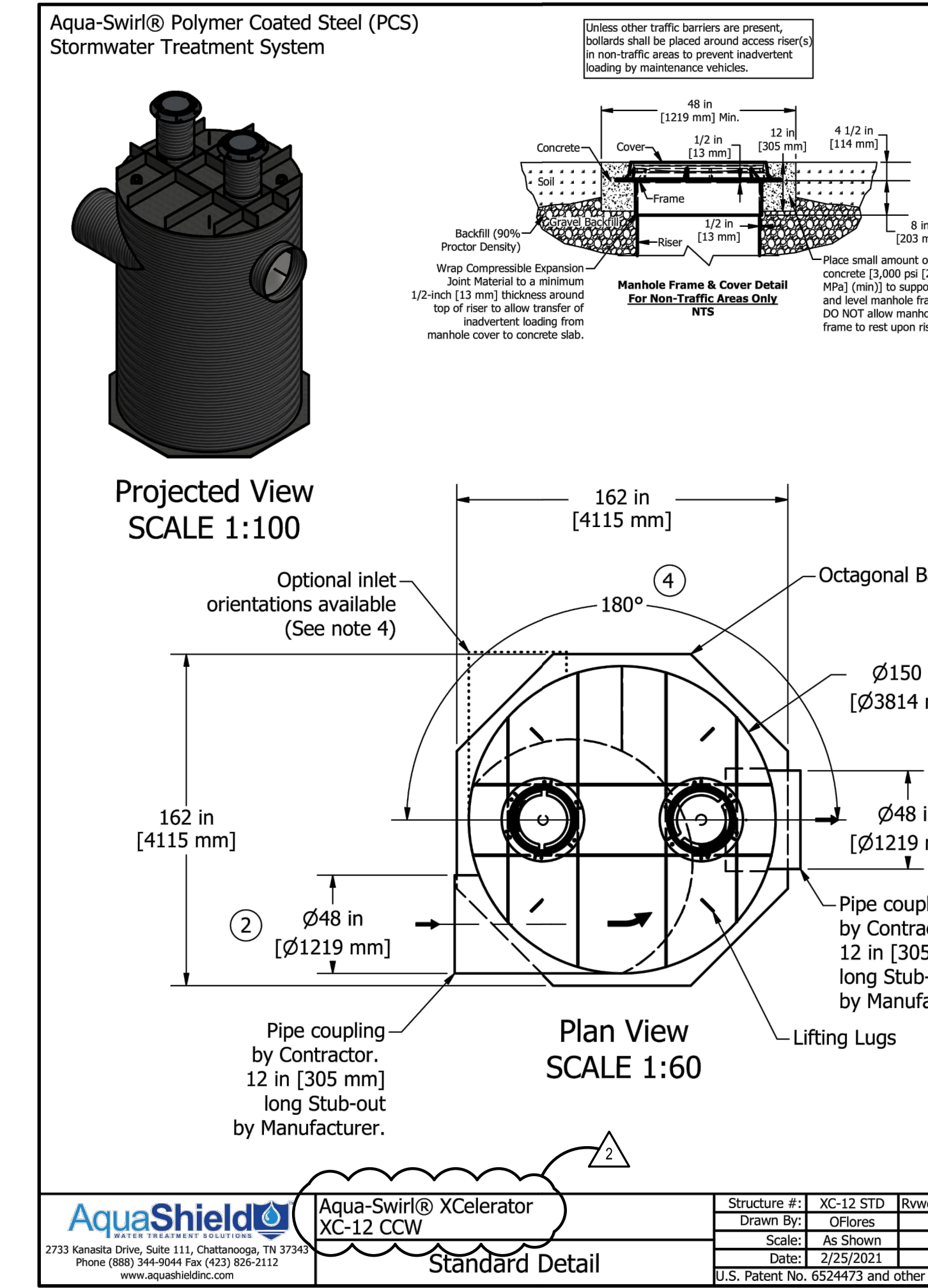


### SANITARY SEWER PVC PIPE TRENCH - DETAIL H

NO SCALE

PIPE SIZE	UP TO 15" AND OVER
BEDDING BELOW THE PIPE BARREL	OD/4 MIN = 4" MAX = 8"

NOTES:  
1. ALL BEDDING & INITIAL BACKFILL SHALL BE INSTALLED IN 6" TO 12" BALANCED LIFTS.  
2. A MIN. 9" CLEARANCE SHALL BE PROVIDED ON EACH SIDE OF THE INSTALLED PIPE.



### BMP STORMWATER QUALITY UNIT - DETAIL K

NO SCALE

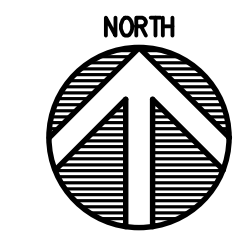
Please see accompanied Aqua-Swirl® specification notes. See Site Plan for actual System orientation. Approximate dry (pick) weight: 12400 lbs [5600 kg].

- As an alternative, 42 in [1067 mm] diameter, HS-20/25 rated precast concrete rings may be substituted. 14 in [356 mm] thickness must be maintained.
- XC-12 inlet/outlet pipe size ranges up to 48 in [1219 mm].
- XC-12 chamber height may vary up to 216 in [5486 mm], depending on inlet/outlet pipe size.
- Orientation may vary from a minimum of 90° to a maximum of 180°. Clockwise or counterclockwise orientation as needed.

### AquaShield Aqua-Swirl® XCelerator XC-12 CCW Standard Detail

Structure #	XC-12 STD	Revised	Rev. Date
Drawn By	ARCS		
Scale	As Shown		
Date	2/29/2021		

U.S. Patent No. 6,524,273 and other Patent Pending



**GENERAL NOTES**

- 1. SEE DRAWING GDO.1 FOR GENERAL NOTES AND ADDITIONAL LEGEND.
- 2. CONTRACTOR SHALL VERIFY ALL EXISTING CONDITIONS IN THE PROJECT AREA INCLUDING UNDERGROUND UTILITY CONDITIONS, LOCATION AND DEPTH PRIOR TO ANY OTHER SITE CONSTRUCTION. REPORT ANY DISCREPANCIES TO THE ENGINEER.
- 3. LANDSCAPING MUST BE PLANTED ACCORDING TO THE DETAILS A & B ON SHEET L2.0. WIRE BASKET, BURLAP AND TWINE MUST BE REMOVED FROM ROOTBALL.
- 4. TREES PLANTED IN LAWN AREAS TO HAVE A SHREDDED HARDWOOD MULCH TREE RING PER DETAIL.
- 5. SEE PLANT SCHEDULE ON DWG L2.0 FOR PLANT TYPE AND SIZE.

**KEYNOTES**

- 1 SEEDED LAWN - PER SPECIFICATIONS
- 2 TRENCH BED EDGE - SEE DETAIL C/L2.0
- 3 PROTECT TREES TO REMAIN - SEE DETAIL FL2.0
- 4 SHREDDED HARDWOOD MULCH BED - PER SPECIFICATIONS
- 5 MULCH-TREE RING - SEE DETAIL A/L2.0 NOT USED THIS SHEET
- 6 CRUSHED STONE BED - SEE DETAIL D/L2.0
- 7 MOWSTRIP - SEE DETAIL G & H/L2.0

**PROPOSED LANDSCAPE LEGEND**

- 
- EVERGREEN TREE (6' - 8' HT.)
- ORNAMENTAL TREE (1 1/2\"/>
- SHRUB (3 GAL. CONTAINER)
- ORNAMENTAL GRASS (1 GAL. CONTAINER)
- SHRUB (3 GAL. CONTAINER)
- SEEDED LAWN

**222154.00  
CARMEL HIGH  
SCHOOL STADIUM  
GRANDSTAND  
RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
5201 E. Main Street, Carmel, IN 46033  
317-844-9991

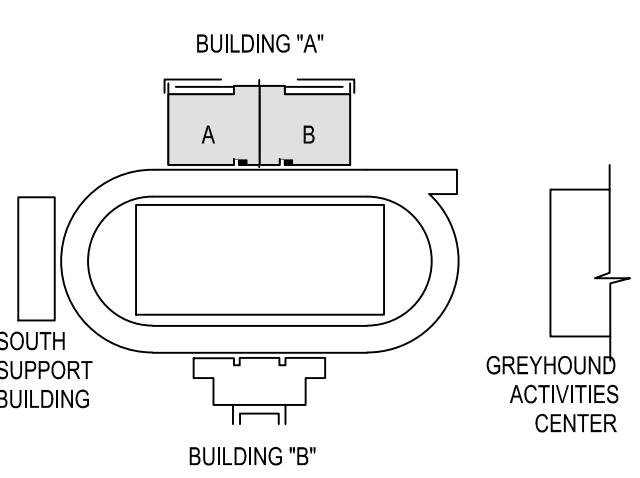


ARCHITECT

**FANNING  
HOWEY**

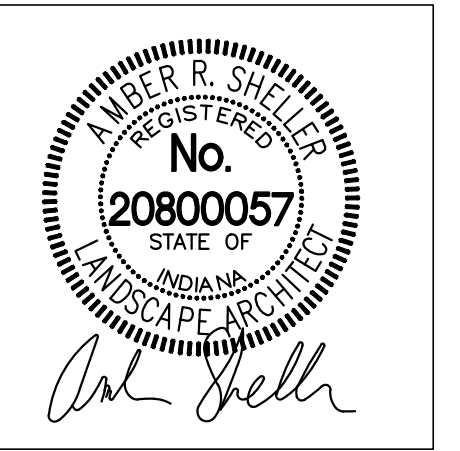
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350 E NEW YORK ST., SUITE 300, INDIANAPOLIS IN 46204

CONSULTANT



**KEY PLAN**

100% CONSTRUCTION DOCUMENTS

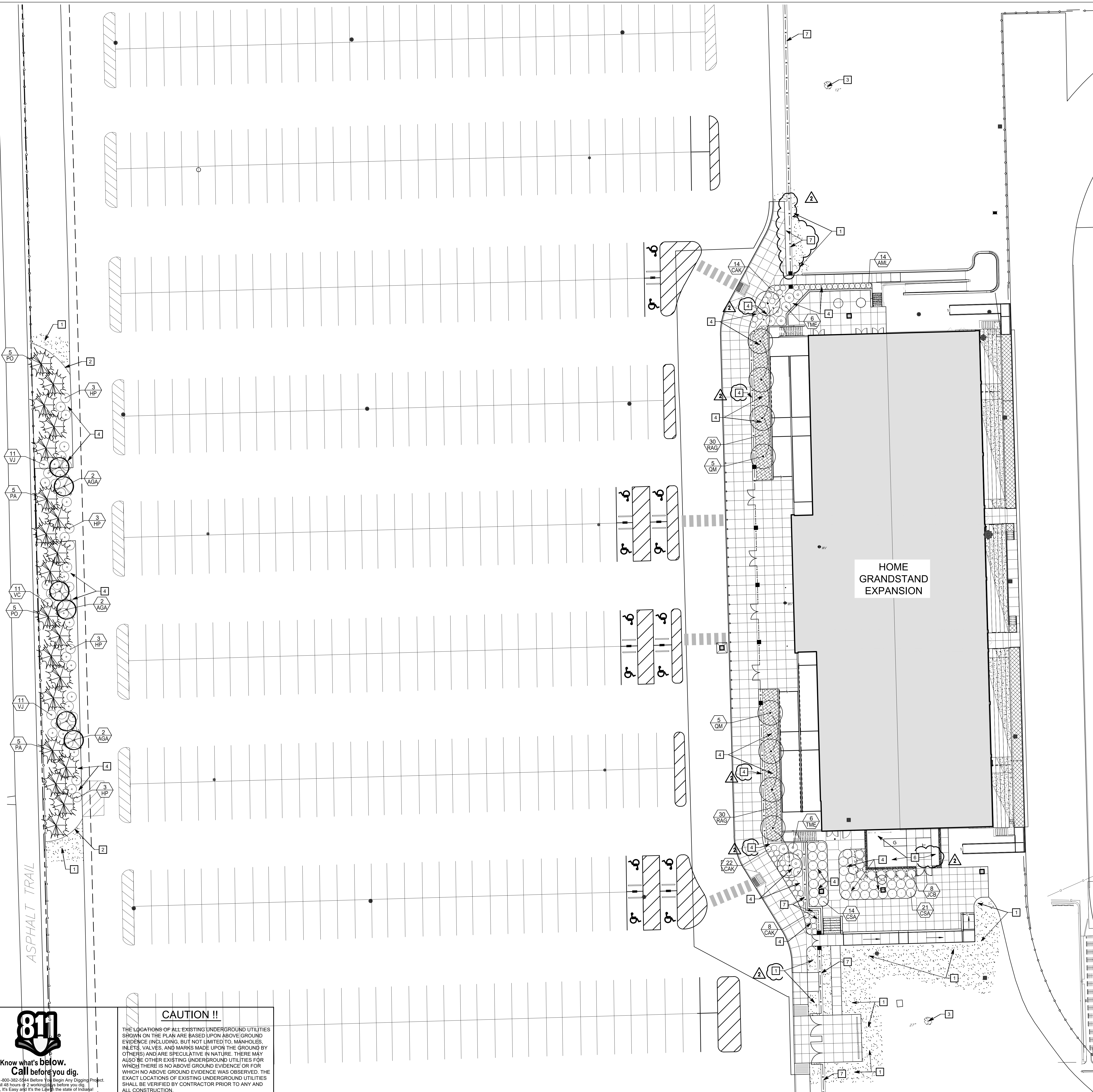


PROJECT MANAGER: PMR  
DRAWN BY: ARS  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	CITY SUBMITTAL	08-14-2024
2	ADDENDUM NO. 2	08.23.2024

LANDSCAPE PLAN -  
HOME GRANDSTAND

**L1.1**



**LEGEND**

**CAUTION !!**

THE LOCATIONS OF ALL EXISTING UNDERGROUND UTILITIES SHOWN ON THE PLAN ARE BASED UPON ABOVE-GROUND EVIDENCE (INCLUDING, BUT NOT LIMITED TO, MANHOLES, INLETS, VALVES, AND MARKS MADE UPON THE GROUND) BY OTHERS AND ARE SPECULATIVE IN NATURE. THERE MAY ALSO BE OTHER EXISTING UNDERGROUND UTILITIES FOR WHICH THERE IS NO ABOVE-GROUND EVIDENCE OR FOR WHICH NO ABOVE-GROUND EVIDENCE WAS OBSERVED. THE EXACT LOCATIONS OF EXISTING UNDERGROUND UTILITIES SHALL BE VERIFIED BY CONTRACTOR PRIOR TO ANY AND ALL CONSTRUCTION.



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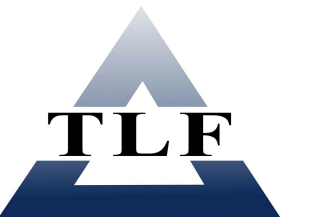


ARCHITECT

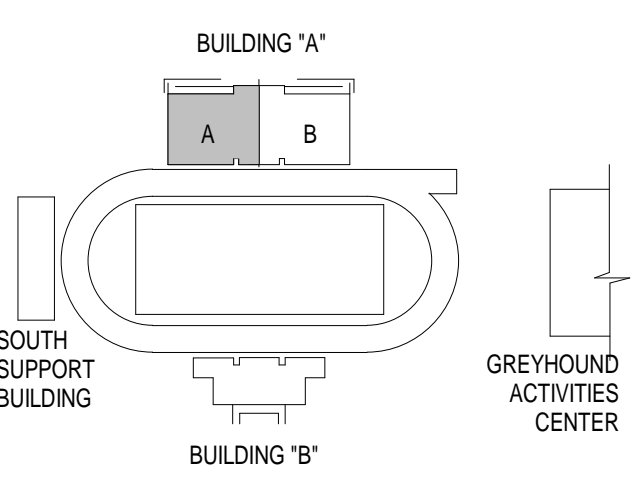


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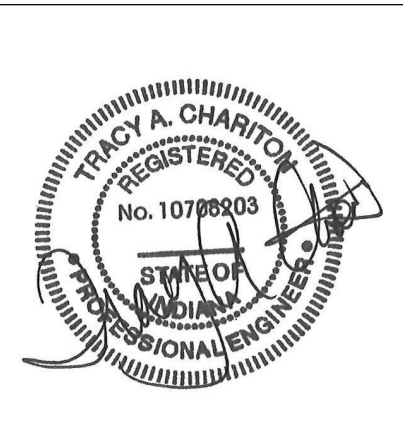


**TLF, INC.**  
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**KEY PLAN**

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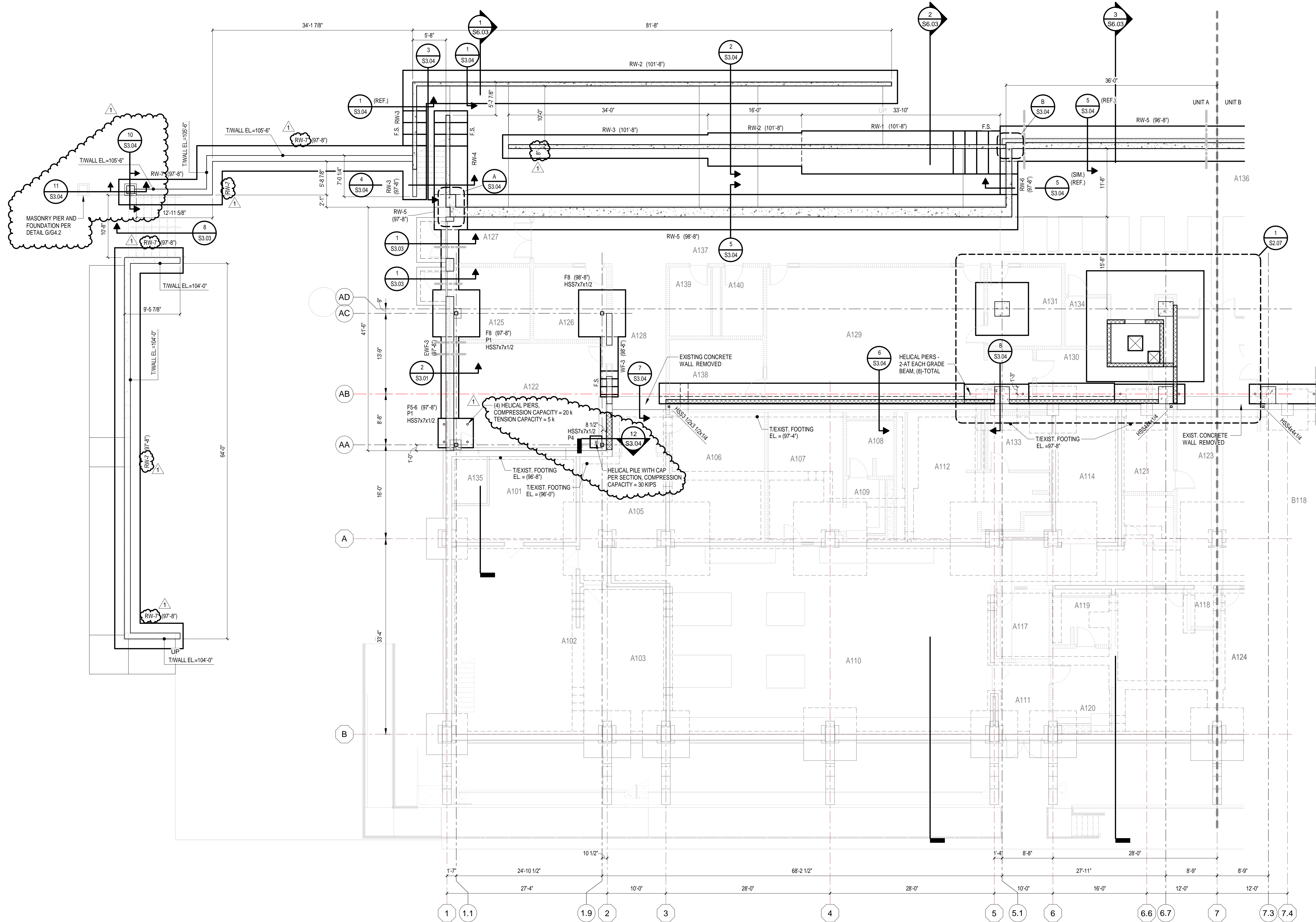


DRAWN BY: TLF  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

**BUILDING A - FOUNDATION PLAN - UNIT A**

**S1.01**



**BUILDING A - FOUNDATION PLAN - UNIT A**  
1/8" = 1'-0"

- PLAN NOTES:**
- REFERENCE ELEVATION = TOP OF EXISTING FINISH FLOOR = 100'-0" (XXXX' U.S.G.S.).
  - TOP OF FOOTING (T.FOOTING) ELEVATION = 98'-8" (U.O.N.).
  - TOP OF PIER (T.PIER) ELEVATION = 99'-4" (U.O.N.).
  - (XXX'-X") INDICATES TOP OF FOOTING OR PIER ELEVATION.

- FOUNDATION PLAN NOTES:**
- SEE SHEET S0.01 FOR GENERAL NOTES.
  - SEE S3.01 THROUGH S3.03 FOR FOUNDATION DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT APPLY UNLESS OTHERWISE NOTED.
  - CENTER WALL FOOTINGS UNDER WALLS UNLESS NOTED OTHERWISE.
  - EW-F-X INDICATES EXTERIOR FOUNDATION EW-F-X. SEE FOUNDATION SCHEDULE ON S3.01.
  - WF-X INDICATES INTERIOR WALL FOOTING WF-X. TYPICAL INTERIOR WALL FOOTING DETAIL ON S3.01.
  - RWF-X INDICATES RETAINING WALL FOOTING RWF-X. SEE TYPICAL RETAINING WALL DETAIL ON S3.01.
  - GB-X INDICATES GRADE BEAM GB-X. SEE TYPICAL GRADE BEAM DETAIL ON S3.01.
  - P1, P2, ETC. INDICATES CONCRETE PIER. SEE TYPICAL PIER DETAIL ON S3.01. TOP OF PIER ELEVATION = 99'-4" (U.O.N.).
  - MP1, MP2, ETC. INDICATES MASONRY PLASTER. SEE MASONRY PLASTER (MP). SEE S3.01 FOR TYPICAL INTERIOR COLUMN FOOTING DETAIL.
  - SEE S3.01 FOR TYPICAL ANCHORAGE DETAIL.
  - SEE S3.01 FOR TYPICAL BASE PLATE.
  - FOOTINGS MAY BE EARTH-FORMED WHERE COHESIVE SOILS EXIST AT FOUNDATION ELEVATION. REFER TO THE PROJECT MANUAL AND CONSULT GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL INCLUDE IN HIS BID FORMING OF FOOTINGS WHERE REVIEW OF THE GEOTECHNICAL ENGINEERING REPORT INDICATES EARTH-FORMING MAY NOT BE POSSIBLE.
  - VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND PLUMBING LINES AND UTILITIES. SEE SHEET S3.02 FOR REQUIREMENTS WHEN PLUMBING LINES CROSS FOUNDATIONS AT ALL ELEVATIONS.
  - SEE ARCHITECTURAL PLANS FOR RAISED LOCKER BASES.
  - F.S. INDICATES STEPPED FOOTING. SEE S3.01 FOR DETAILS.
  - LEGEND:**  
- - - - - INDICATES UNDERGROUND PLUMBING OR UTILITY LINE. VERIFY LOCATION AND ELEVATIONS. SEE S3.02 FOR REQUIREMENTS WHEN PLUMBING LINES CROSS FOUNDATIONS AT ALL ELEVATIONS.

**222154.00  
CARMEL STADIUM  
GRAND STAND  
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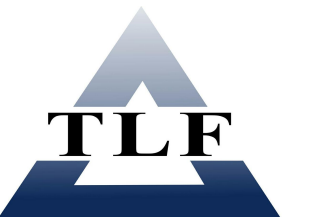


ARCHITECT

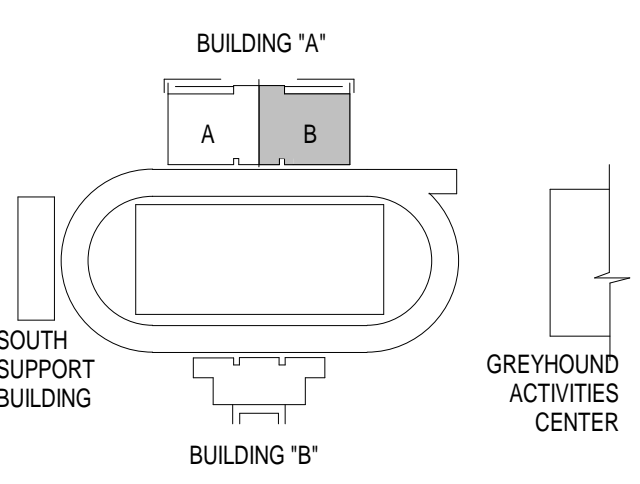


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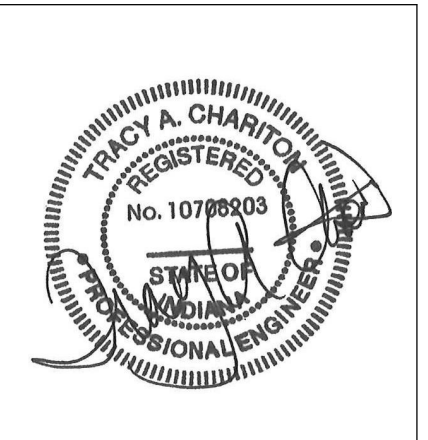


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TLF Job No: 2023-234



**KEY PLAN**

100% CONSTRUCTION DOCUMENTS

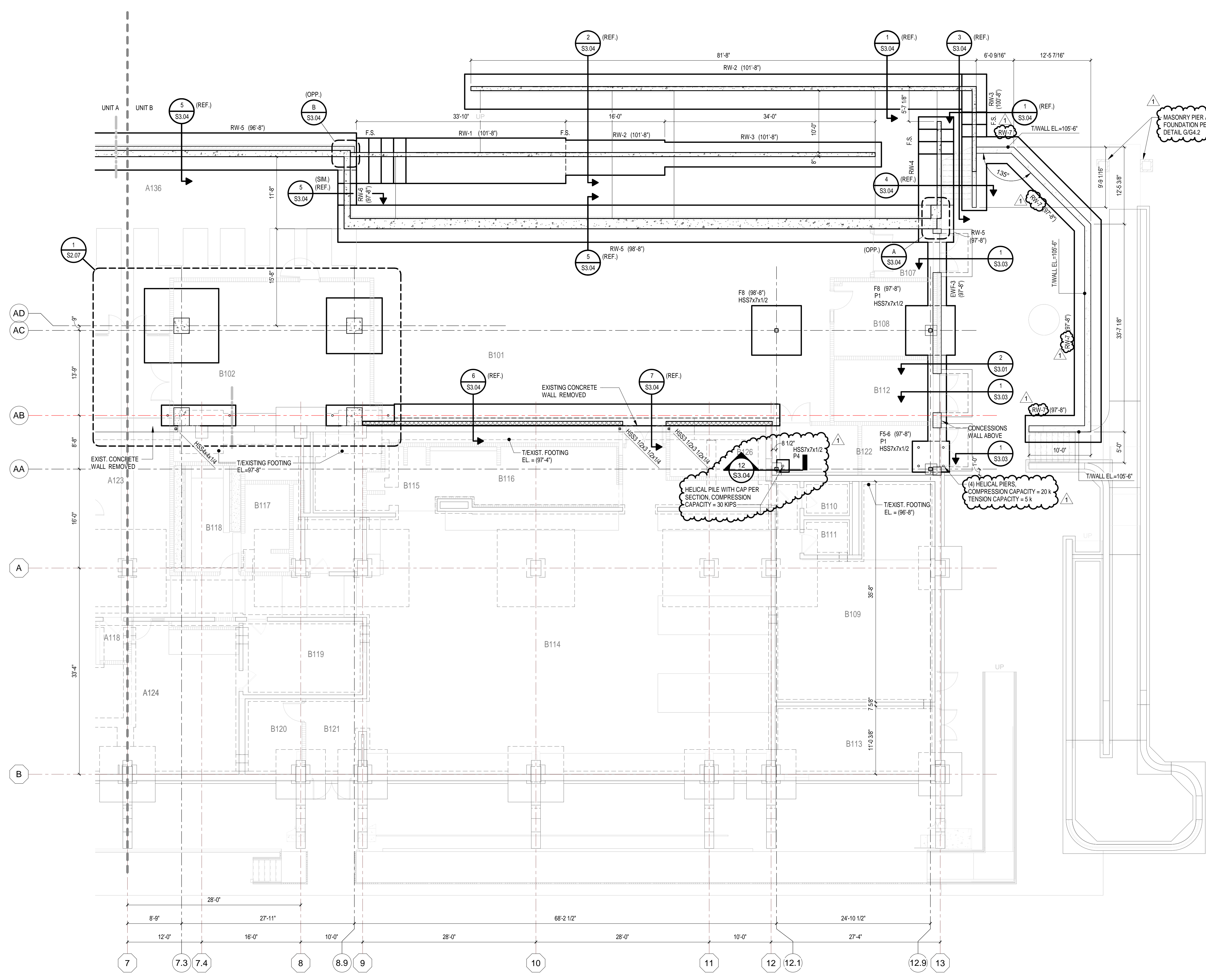


DRAWN BY: TLF  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

**BUILDING A - FOUNDATION PLAN - UNIT B**

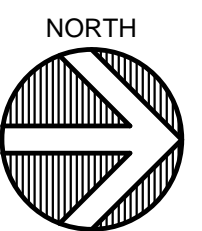
**S1.02**



- FOUNDATION PLAN NOTES:**
- SEE SHEET S0.01 FOR GENERAL NOTES.
  - SEE S3.01 THROUGH S3.03 FOR FOUNDATION DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT APPLY UNLESS OTHERWISE NOTED.
  - CENTER WALL FOOTINGS UNDER WALLS UNLESS NOTED OTHERWISE.
  - EW-F-X INDICATES EXTERIOR WALL FOOTING EW-F-X. SEE FOUNDATION SCHEDULE ON S3.01.
  - WF-X INDICATES INTERIOR WALL FOOTING WF-X. TYPICAL INTERIOR WALL FOOTING DETAIL ON S3.01.
  - RWF-X INDICATES RETAINING WALL FOOTING RWF-X. SEE TYPICAL RETAINING WALL DETAIL ON S3.01.
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  - P1, P2, ETC. INDICATES CONCRETE PIER. SEE TYPICAL PIER DETAIL ON S3.01. TOP OF PIER ELEVATION = 99'-4" (U.O.N.).
  - MP1, MP2, ETC. INDICATES MASONRY PILASTER. SEE MASONRY PILASTER (MP). SEE S3.01 FOR TYPICAL INTERIOR COLUMN FOOTING DETAIL.
  - SEE S3.01 FOR TYPICAL ANCHORAGE DETAIL.
  - SEE S3.01 FOR TYPICAL BASE PLATE.
  - FOOTINGS MAY BE EARTH-FORMED WHERE COHESIVE SOILS EXIST AT FOUNDATION ELEVATION. REFER TO THE PROJECT MANUAL AND CONSULT GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL INCLUDE IN HIS BID FORMING OF FOOTINGS WHERE REVIEW OF THE GEOTECHNICAL ENGINEERING REPORT INDICATES EARTH-FORMING MAY NOT BE POSSIBLE.
  - VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND PLUMBING LINES AND UTILITIES. SEE SHEET S3.02 FOR REQUIREMENTS WHEN PLUMBING LINES CROSS FOUNDATIONS AT ALL ELEVATIONS.
  - SEE ARCHITECTURAL PLANS FOR RAISED LOCKER BASES.
  - F.S. INDICATES STEPPED FOOTING. SEE S3.01 FOR DETAILS.
- LEGEND:**
- INDICATES UNDERGROUND PLUMBING OR UTILITY LINE. VERIFY LOCATION AND ELEVATIONS. SEE S3.02 FOR REQUIREMENTS WHEN PLUMBING LINES CROSS FOUNDATIONS AT ALL ELEVATIONS.

**BUILDING A - FOUNDATION PLAN - UNIT B**  
1/8" = 1'-0"

- PLAN NOTES:**
- REFERENCE ELEVATION = TOP OF EXISTING FINISH FLOOR = 100'-0" (XXXX' U.S.G.S.).
  - TOP OF FOOTING (T.FOOTING) ELEVATION = 98'-8" (U.O.N.).
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  - (XXX'-X") INDICATES TOP OF FOOTING OR PIER ELEVATION.





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CARMEL STADIUM  
GRAND STAND  
RENOVATION  
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CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
5201 E Main Street, Carmel, IN 46033  
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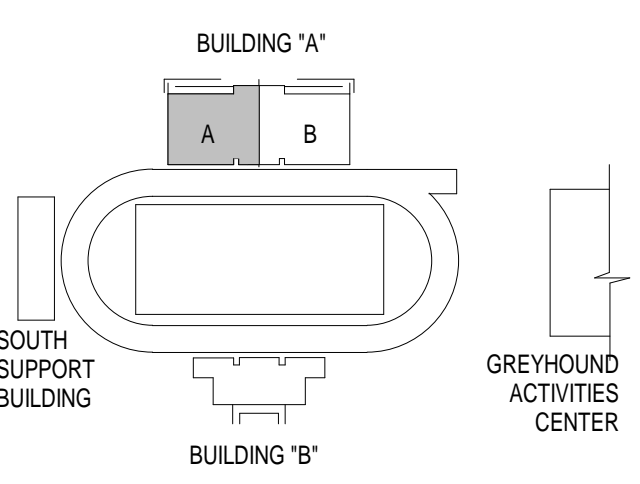


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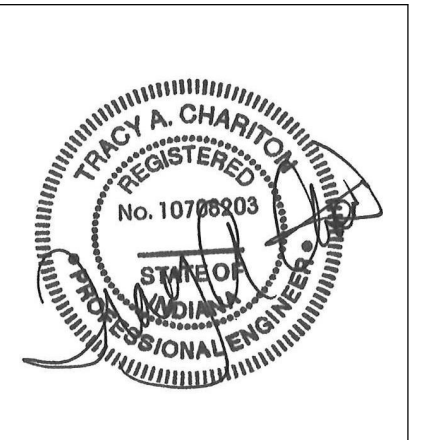


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Phone: 317-334-1500  
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**KEY PLAN**

100% CONSTRUCTION DOCUMENTS



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PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

**BUILDING A - SLAB AND MASONRY  
PLAN - UNIT A**

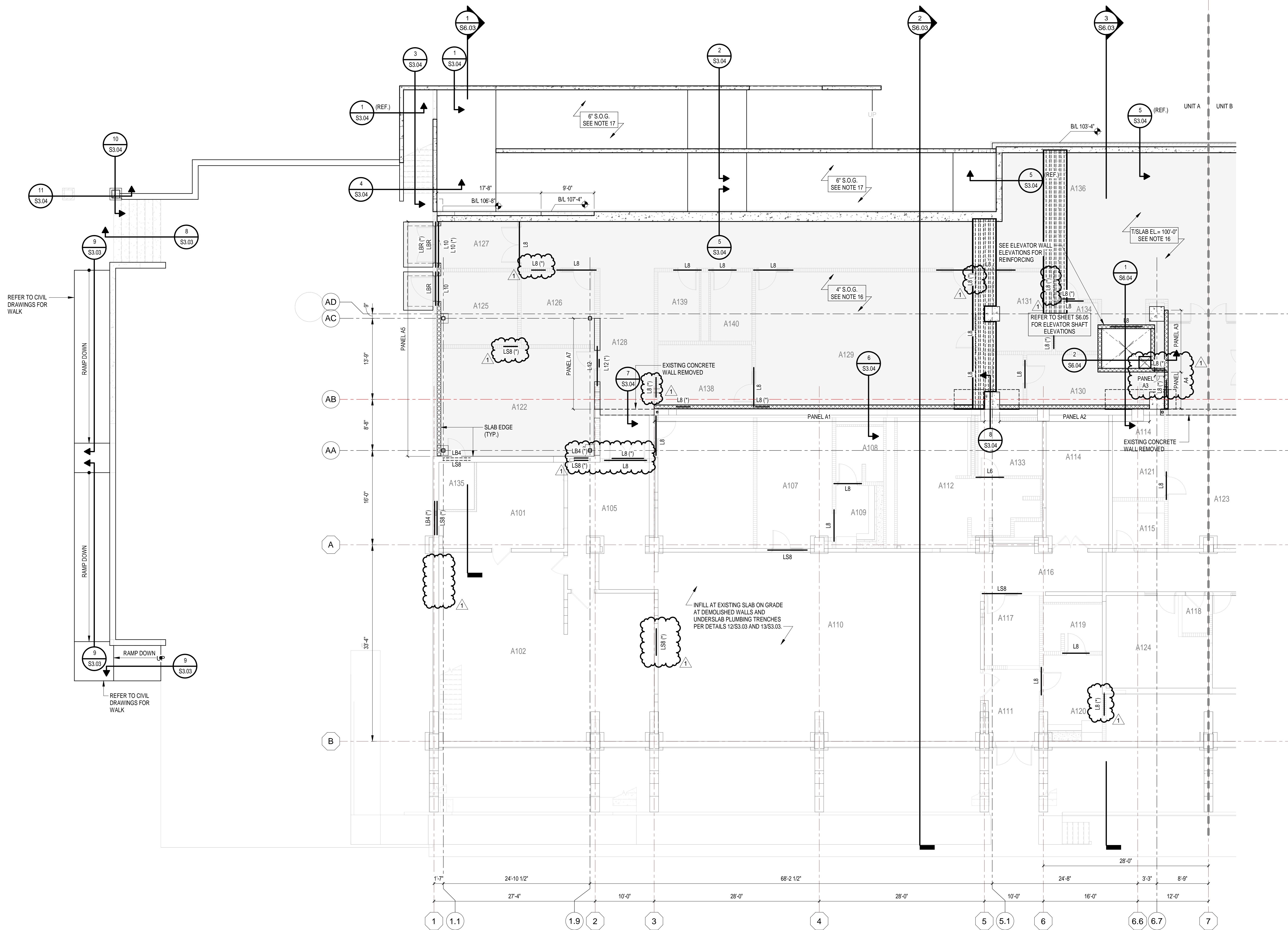
**S1.03**

**SLAB AND MASONRY PLAN NOTES:**

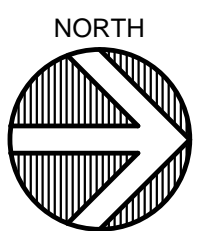
- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE S3.03 AND S4.01 THROUGH S4.03 FOR TYPICAL SLAB AND MASONRY DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT APPLY UNLESS OTHERWISE NOTED.
- REFERENCE ELEVATION = TOP OF EXISTING LOWER LEVEL FINISH FLOOR = 100'-0" (806.36' U.S.G.S.).
- L, ML, SML INDICATES MASONRY LINTEL. SEE SHEET S4.03.
- LBX, LSX, LHSX INDICATES STEEL ANGLE LINTEL. SEE SHEET S4.03.
- BPX INDICATES BEARING PLATE REQUIRED. SEE S5.01.
- BL INDICATES BRICK LEDGE ELEVATION.
- CJ INDICATES CONTROL JOINT IN CMU. COORDINATE LOCATION WITH BONDING PATTERN AND WALL ELEVATION (SEE S4.02).
- INDICATES LINTEL REQUIRED FOR MECHANICAL OPENING. ONLY A PORTION OF THESE LINTELS REQUIRED FOR MASONRY OPENINGS ARE SHOWN ON THE PLANS. THE CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL LINTELS REQUIRED FOR MECHANICAL OPENINGS WHETHER OR NOT SHOWN ON THE PLANS. COORDINATE NUMBER, SIZE, ELEVATION, AND LOCATION OF ALL LINTELS FOR MECHANICAL OPENINGS.  
SEE 1-S4.03 AND 2-S4.03 FOR LINTELS IN NON-BEARING WALLS. SUBMIT SHOP DRAWINGS FOR REVIEW FOR LINTELS REQUIRED AT MECHANICAL OPENINGS IN BEARING WALLS AND OUTSIDE LIMITS OF 1-S4.03 AND 2-S4.03.
- FOR MULTI-SPAN CONTINUOUS LINTELS, MAINTAIN 18" MINIMUM CMU BETWEEN OPENINGS (U.O.N.).
- SEE S4.01 FOR MASONRY WALL BRACING REQUIREMENTS.
- SEE THE PROJECT MANUAL FOR CONSTRUCTION AND CONSTRUCTION JOINT SPACING. THE CONTRACTOR IS ENCOURAGED TO SUBMIT A SLAB PLAN SHOWING ALTERNATE SPACINGS AND LOCATIONS THAT ADAPTS TO THEIR PLANNED CONSTRUCTION SEQUENCE.
- SEE ARCHITECTURAL PLANS FOR RAISED LOCKER BASES.
- PROVIDE LINTEL AT RECESSED FIRE EXTINGUISHER CABINET. SEE TYPICAL CMU WALL OPENING AT RECESSED EQUIPMENT ON S4.02.
- PROVIDE LINTEL AT RECESSED ELECTRICAL PANEL BOARD. SEE TYPICAL CMU WALL OPENING AT RECESSED EQUIPMENT ON S4.02.
- SLAB SHALL BE 4" CONCRETE SLAB ON GRADE WITH 6#6-W2.1xW2.1 WWF (SHEETS ONLY) OVER VAPOR BARRIER AND 6" MIN. COMPACTED DRAINAGE FILL.
- RAMP SLAB SHALL BE 6" CONCRETE SLAB ON GRADE WITH 6#6-W2.9xW2.9 WWF (SHEETS ONLY) OVER VAPOR BARRIER AND 6" MIN. COMPACTED DRAINAGE FILL.
- HOLLOW CORE PLANKS SHALL HAVE A SLOPED LIGHTWEIGHT CONCRETE TOPPING SLAB. TOPPING SLAB THICKNESS TO BE 2" MINIMUM AT DRAINS AND SLOPE PER ARCHITECTURAL REINFORCE TOPPING SLAB WITH EPOXY COATED 6#6-W1.4xW1.4 WELDED WIRE FABRIC (SHEETS ONLY).

**LEGEND:**

- INDICATES SLAB DEPRESSION FROM FINISHED FLOOR ELEVATION. SEE THE PROJECT MANUAL FOR REQUIRED DEPRESSION.
- INDICATES MASONRY WALL SUPPORTED ON FOOTING. SEE S4.01 FOR MASONRY WALL PANEL SCHEDULE.
- INDICATES THICKENED SLAB. SEE 6C-S3.03.



**BUILDING A - SLAB AND MASONRY PLAN - UNIT A**  
1/8" = 1'-0"



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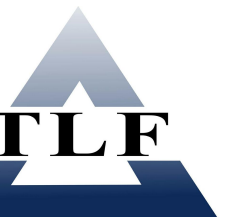
**ARCHITECT**



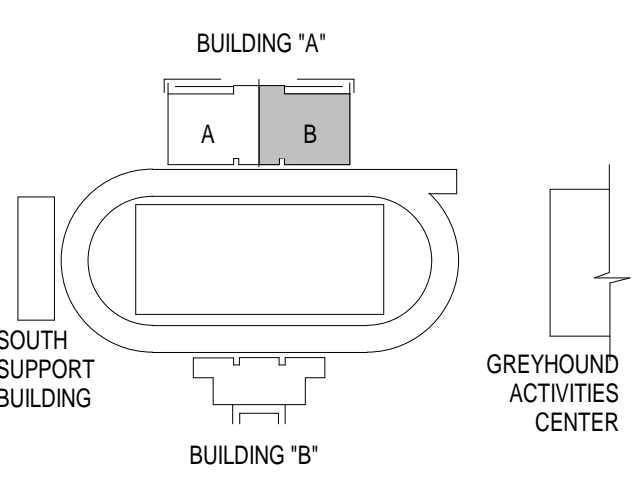
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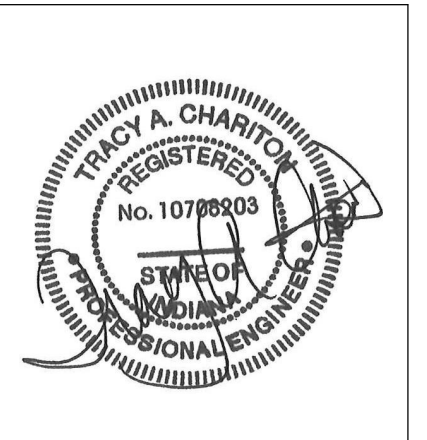


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T.L.F. Job No: 2023-294



**KEY PLAN**

**100% CONSTRUCTION DOCUMENTS**



DRAWN BY: TLF

PROJECT NUMBER: 222154.00

PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

**BUILDING A - SLAB AND MASONRY  
PLAN - UNIT B**

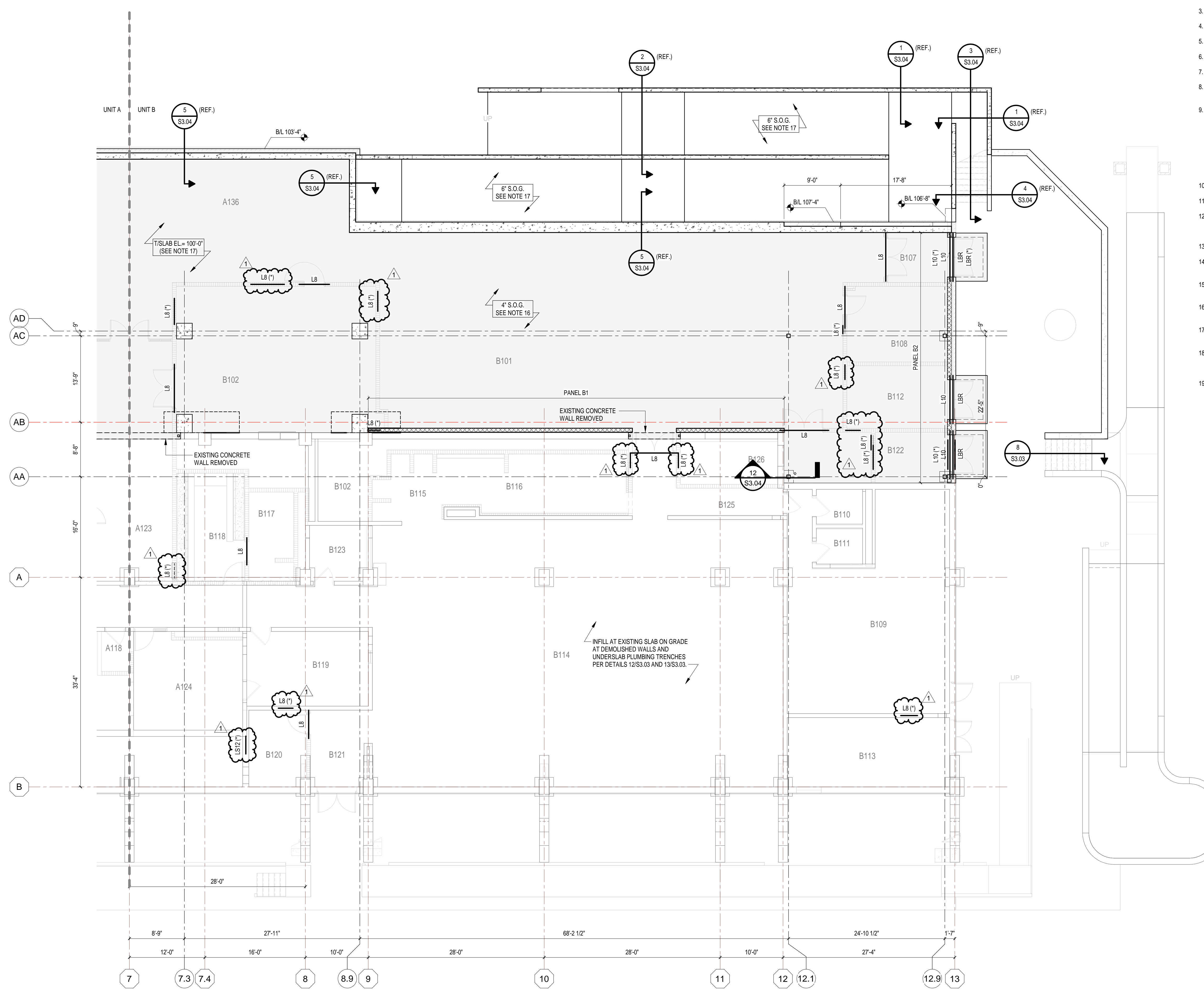
**S1.04**

**SLAB AND MASONRY PLAN NOTES:**

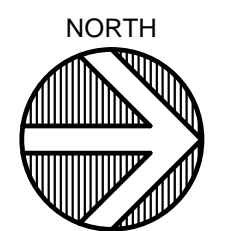
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**BUILDING A - SLAB AND MASONRY PLAN - UNIT B**  
1/8" = 1'-0"



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GRAND STAND  
RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
5201 E Main Street, Carmel, IN 46033  
317-944-9961

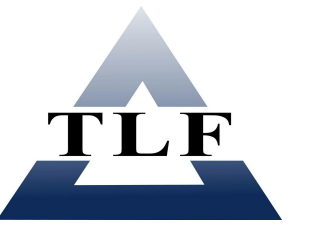


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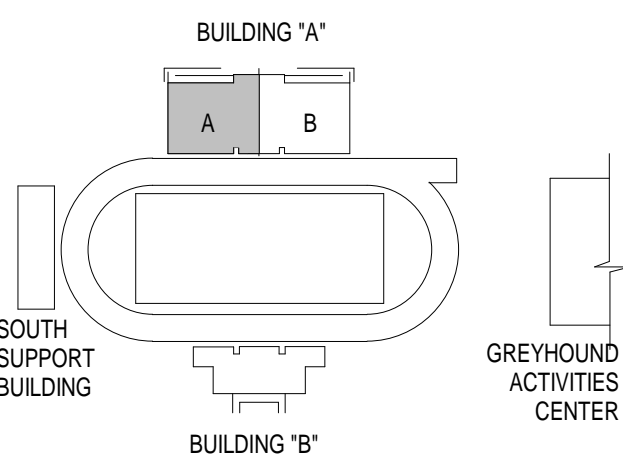


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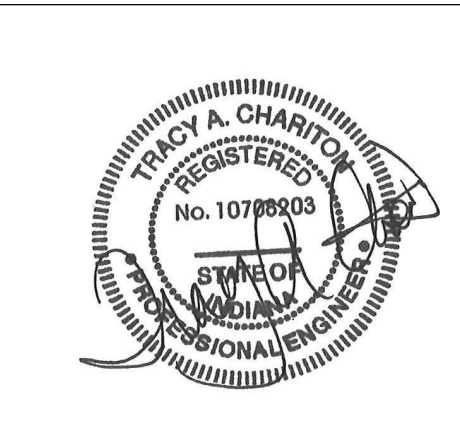


**TLF, INC.**  
3901 West 86th Street, Suite 200  
Indianapolis, Indiana 46268  
Phone: 317-334-1500  
Fax: 317-334-1552  
TLF Job No: 2023-234



**KEY PLAN**

100% CONSTRUCTION DOCUMENTS



DRAWN BY: TLF  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

**BUILDING A - SECOND FLOOR  
FRAMING PLAN - UNIT A**

**S2.01**

**FRAMING PLAN NOTES:**

- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE DRAWINGS S5.01 THROUGH S5.02 FOR STEEL FRAMING DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS BUT APPLY UNLESS OTHERWISE NOTED.
- SEE S5.01 FOR TYPICAL STEEL FRAMING CONNECTIONS.
- SEE S4.01 FOR MASONRY WALL BRACING REQUIREMENTS.
- PROVIDE MINIMUM 1/4"x1/4" (U.O.N.) ROOF EDGE SUPPORT ANGLES AT ALL ROOF EDGES AND ROOF EXPANSION JOINTS.

**BEAM LEGEND:**

- (7) INDICATES DECK SUPPORT REQUIRED BETWEEN JOISTS. SEE EDGE OF DECK SUPPORT.
- (E) INDICATES EXISTING FRAMING MEMBER.
- BP INDICATES BEARING PLATE. SEE BEARING PLATE SCHEDULE.
- (T) INDICATES TRANSFER BEAM - A BEAM WHICH SPANS BETWEEN TWO POINTS OF SUPPORT AND SUPPORTS ANOTHER BEAM OR COLUMN.
- RV INDICATES FRAME REQUIRED FOR ROOF VENT. SEE TYP. OPENING FRAME (RV). (VERIFY LOCATION WITH ROOF PLAN)
- RD INDICATES FRAME REQUIRED FOR ROOF DRAIN. SEE TYP. OPENING FRAME (RD). (VERIFY LOCATION WITH ROOF PLAN)
- RH INDICATES FRAME REQUIRED FOR ROOF HATCH. SEE TYP. OPENING FRAME (RH).
- FO INDICATES FRAME REQUIRED FOR FLOOR OPENING. SEE TYP. OPENING FRAME (FO).
- PB INDICATES FRAME REQUIRED FLOOR FOUR BOX OPENING.
- PTA, PTC, ETC. INDICATES POST - A COLUMN WHICH BEARS ON TOP OF A BEAM.
- HGA, HGB, ETC. INDICATES HANGER - A COLUMN WHICH IS SUPPORTED FROM THE BOTTOM OF A BEAM.
- F4 INDICATES DIRECTION OF FLOOR DECK SPAN (4' COMP. CONC., U.O.N.).
- R INDICATES DIRECTION OF 1/2" ROOF DECK SPAN (WR20, U.O.N.).
- INDICATES BEAM MOMENT CONNECTION.

INDICATES THAT THE W12x16 BEAM IS LEVEL WITH THE TOP FLANGE AT ELEVATION 110'-8 1/2" WITH A 10 KP REACTION AT EACH END.

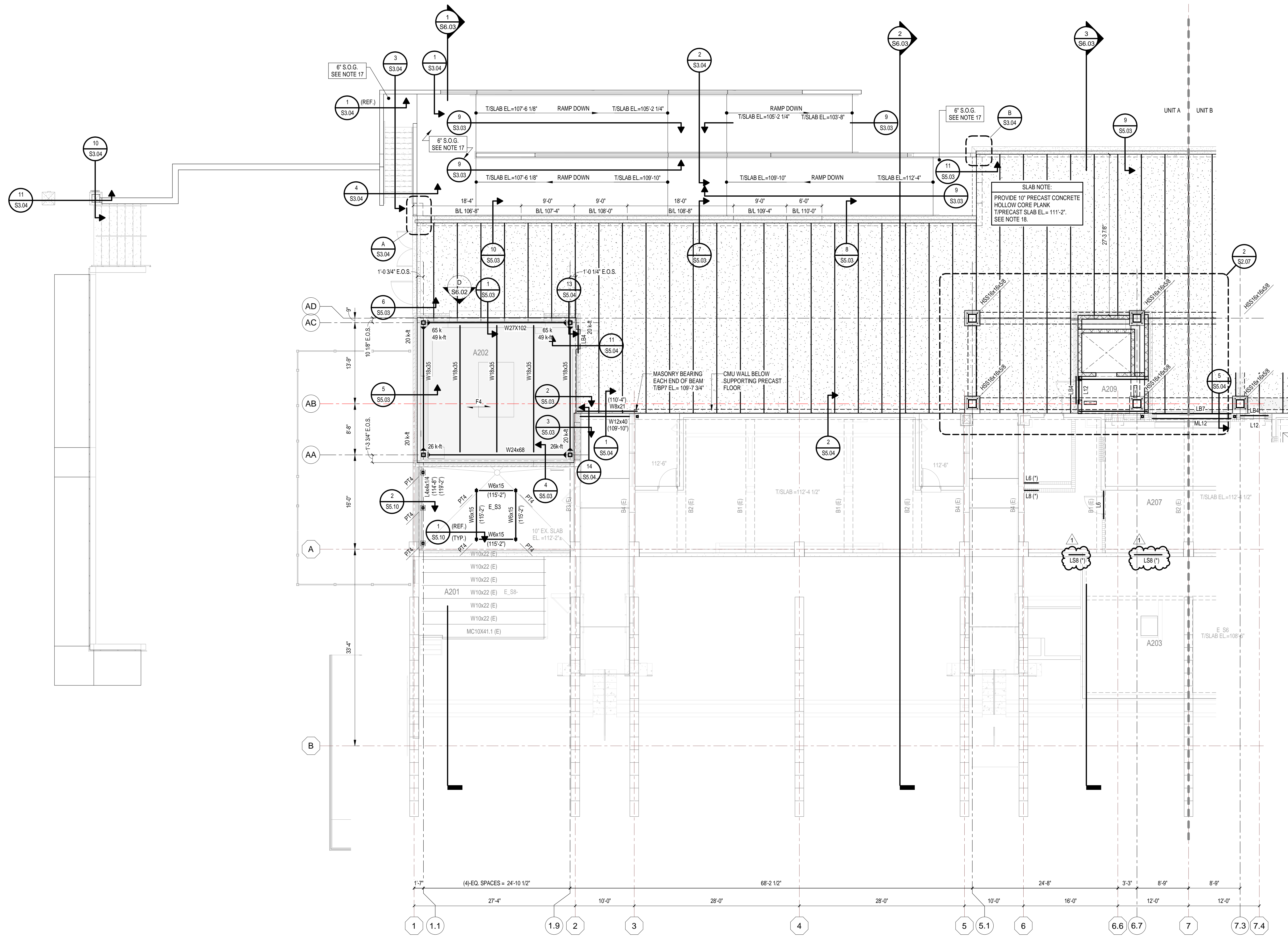
THE PT4 INDICATES A POST, A COLUMN BEARING ON THE TOP FLANGE OF THE BEAM BELOW. THE HGA INDICATES A HANGER, A COLUMN BOLTED TO THE BOTTOM FLANGE OF THE BEAM INDICATED. SEE PLANS FOR POST AND HANGER MARKS.

INDICATES THAT THE W12x18 IS SLOPED WITH THE TOP OF ITS FLANGE AT ELEVATION 110'-0" AND ELEVATION 110'-11" RESPECTIVELY AT THE CENTERLINE OF THE TWO COLUMNS. THE BEAM FRAMES OVER THE TOP OF THE RIGHT COLUMN AND INTO THE SIDE OF THE LEFT COLUMN.

**SLAB AND MASONRY PLAN NOTES:**

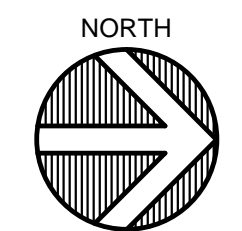
- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE S3.03 AND S4.01 THROUGH S4.03 FOR TYPICAL SLAB AND MASONRY DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT APPLY UNLESS OTHERWISE NOTED.
- REFERENCE ELEVATION = TOP OF EXISTING LOWER LEVEL FINISH FLOOR = 100'-0" (806.36' U.S.G.S.).
- L, ML, SML INDICATES MASONRY LINTEL. SEE SHEET S4.03.
- LBX, LSX, LSHX INDICATES STEEL ANGLE LINTEL. SEE SHEET S4.03.
- BPX INDICATES BEARING PLATE REQUIRED. SEE S5.01.
- BL INDICATES BRICK LEDGE ELEVATION.
- CJ INDICATES CONTROL JOINT IN CMU. COORDINATE LOCATION WITH BONDING PATTERN AND WALL ELEVATION (SEE S4.02).
- INDICATES LINTEL REQUIRED FOR MECHANICAL OPENING. ONLY A PORTION OF THESE LITELS IS REQUIRED FOR MASONRY OPENINGS. SEE SHOWING ON THE PLANS. THE CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL LITELS REQUIRED FOR MECHANICAL OPENINGS WHETHER OR NOT SHOWN ON THE PLANS. COORDINATE NUMBER, SIZE, ELEVATION, AND LOCATION OF ALL LITELS FOR MECHANICAL OPENINGS. SEE S-54.03 AND S-54.03 FOR LITELS IN NON-BEARING WALLS. SUBMIT SHOP DRAWINGS FOR REVIEW FOR LITELS REQUIRED AT MECHANICAL OPENINGS IN BEARING WALLS AND OUTSIDE LIMITS OF S-54.03 AND S-54.03.
- FOR MULTI-SPAN CONTINUOUS LITELS, MAINTAIN 16" MINIMUM CMU BETWEEN OPENINGS (U.O.N.).
- SEE S4.01 FOR MASONRY WALL BRACING REQUIREMENTS.
- SEE THE PROJECT MANUAL FOR CONTRACTION AND CONSTRUCTION JOINT SPACING. THE CONTRACTOR IS ENCOURAGED TO SUBMIT A SLAB PLAN SHOWING ALTERNATE SPACINGS AND LOCATIONS THAT ADAPTS TO THEIR PLANNED CONSTRUCTION SEQUENCE.
- SEE ARCHITECTURAL PLANS FOR RAISED LOCKER BASES.
- PROVIDE LINTEL AT RECESSED FIRE EXTINGUISHER CABINET. SEE TYPICAL CMU WALL OPENING AT RECESSED EQUIPMENT ON S4.02.
- PROVIDE LINTEL AT RECESSED ELECTRICAL PANEL BOARD. SEE TYPICAL CMU WALL OPENING AT RECESSED EQUIPMENT ON S4.02.
- SLAB SHALL BE 4" CONCRETE SLAB ON GRADE WITH 6#6-W2.1xW2.1 WWF (SHEETS ONLY) OVER VAPOR BARRIER AND 6" MIN. COMPACTED DRAINAGE FILL.
- RAMP SLAB SHALL BE 6" CONCRETE SLAB ON GRADE WITH 6#6-W2.9xW2.9 WWF (SHEETS ONLY) OVER VAPOR BARRIER AND 6" MIN. COMPACTED DRAINAGE FILL.
- HOLLOW CORE PLANKS SHALL HAVE A SLOPED LIGHTWEIGHT CONCRETE TOPPING SLAB. TOPPING SLAB THICKNESS TO BE 2" MINIMUM AT DRAINS AND SLOPE PER ARCHITECTURAL REINFORCE TOPPING SLAB WITH EPOXY COATED 6#6-W1.4xW1.4 WELDED WIRE FABRIC (SHEETS ONLY).
- LEGEND:

- INDICATES SLAB DEPRESSION FROM FINISHED FLOOR ELEVATION. SEE THE PROJECT MANUAL FOR REQUIRED DEPRESSION.
- PANEL XX INDICATES MASONRY WALL SUPPORTED ON FOOTING. SEE S4.01 FOR MASONRY WALL PANEL SCHEDULE.
- INDICATES THICKENED SLAB. SEE 6C-S3.03.



**BUILDING A - SECOND FLOOR FRAMING PLAN - UNIT A**  
1/8" = 1'-0"

- PLAN NOTES:**
- REFERENCE ELEVATION = TOP OF EXISTING FINISH FLOOR = 100'-0" (806.36' U.S.G.S.).
  - TOP OF STEEL (T/STEEL) ELEVATION SHALL BE AS NOTED ON PLAN.



# 222154.00 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

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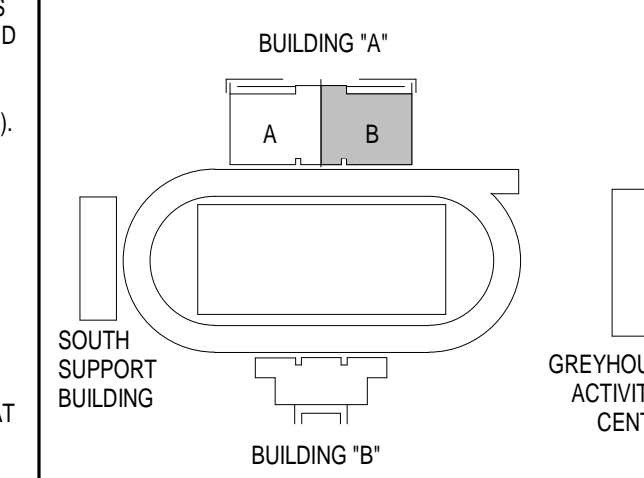


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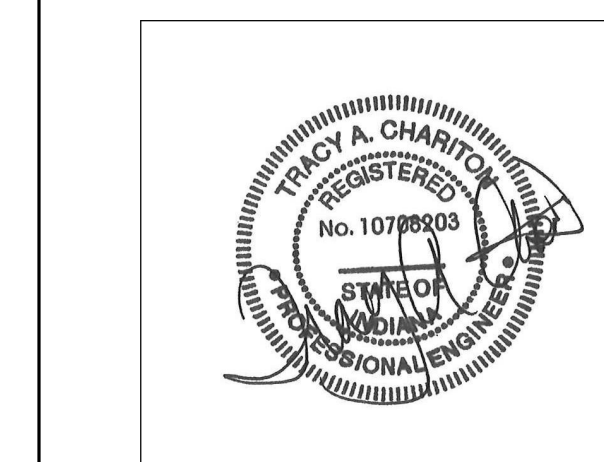


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### KEY PLAN

100% CONSTRUCTION DOCUMENTS



DRAWN BY: TLF

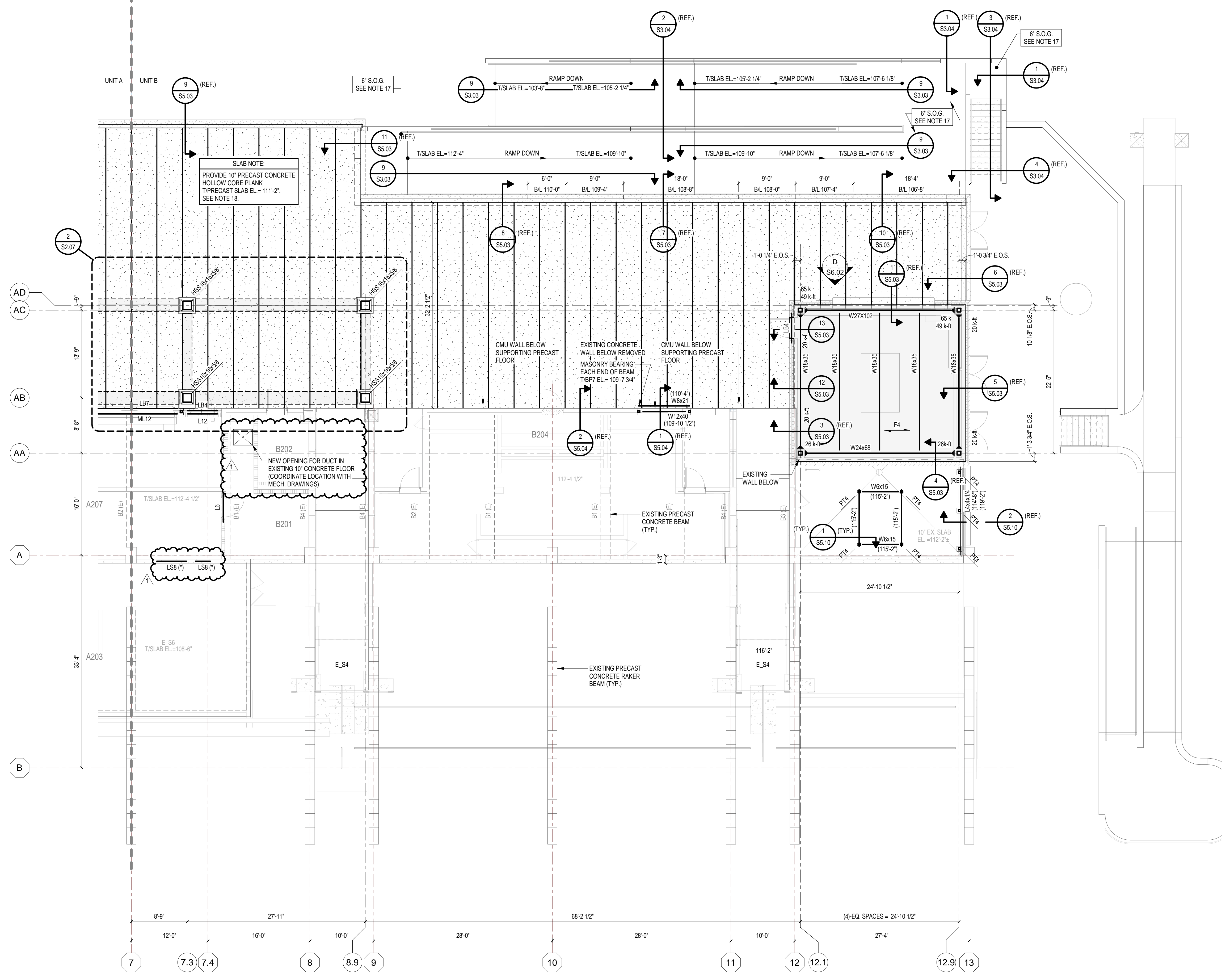
PROJECT NUMBER: 222154.00

PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

**BUILDING A - SECOND FLOOR  
FRAMING PLAN - UNIT B**

# S2.02



#### FRAMING PLAN NOTES:

- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE DRAWINGS S5.01 THROUGH S5.02 FOR STEEL FRAMING DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS BUT APPLY UNLESS OTHERWISE NOTED.
- SEE S5.01 FOR TYPICAL STEEL FRAMING CONNECTIONS.
- SEE S4.01 FOR MASONRY WALL BRACING REQUIREMENTS
- PROVIDE MINIMUM 1.5x3x1/4 (U.O.N.) ROOF EDGE SUPPORT ANGLES AT ALL ROOF EDGES AND ROOF EXPANSION JOINTS.

#### BEAM LEGEND:

- (7) INDICATES DECK SUPPORT REQUIRED BETWEEN JOISTS. SEE EDGE OF DECK SUPPORT.
- (E) INDICATES EXISTING FRAMING MEMBER.
- BP INDICATES BEARING PLATE. SEE BEARING PLATE SCHEDULE.
- (T) INDICATES TRANSFER BEAM - A BEAM WHICH SPANS BETWEEN TWO POINTS OF SUPPORT AND SUPPORTS ANOTHER BEAM OR COLUMN.
- RV INDICATES FRAME REQUIRED FOR ROOF VENT. SEE TYP. OPENING FRAME (RV). (VERIFY LOCATION WITH ROOF PLAN)
- RD INDICATES FRAME REQUIRED FOR ROOF DRAIN. SEE TYP. OPENING FRAME (RD). (VERIFY LOCATION WITH ROOF PLAN)
- RH INDICATES FRAME REQUIRED FOR ROOF HATCH. SEE TYP. OPENING FRAME (RH).
- FO INDICATES FRAME REQUIRED FOR FLOOR OPENING. SEE TYP. OPENING FRAME (FO).
- PB INDICATES FRAME REQUIRED FLOOR FOUR BOX OPENING.
- PTA, PTC, ETC. INDICATES POST - A COLUMN WHICH BEARS ON TOP OF A BEAM.
- HG4, HG8, ETC. INDICATES HANGER - A COLUMN WHICH IS SUPPORTED FROM THE BOTTOM OF A BEAM.
- F4 INDICATES DIRECTION OF FLOOR DECK SPAN (4" COMP. CONC., U.O.N.).
- R INDICATES DIRECTION OF 1 1/2" ROOF DECK SPAN (WR20, U.O.N.).
- INDICATES BEAM MOMENT CONNECTION.

- INDICATES THAT THE W12x16 BEAM IS LEVEL WITH THE TOP FLANGE AT ELEVATION 110'-8 1/2" WITH A 10 KIP REACTION AT EACH END.
- THE PT4 INDICATES A POST, A COLUMN BEARING ON THE TOP FLANGE OF THE BEAM BELOW. THE HG4 INDICATES A HANGER, A COLUMN BOLTED TO THE BOTTOM FLANGE OF THE BEAM INDICATED. SEE PLANS FOR POST AND HANGER MARKS.
- INDICATES THAT THE W12x16 BEAM IS SLOPED WITH THE TOP OF ITS FLANGE AT ELEVATION 110'-0" AND ELEVATION 110'-11" RESPECTIVELY AT THE CENTERLINE OF THE TWO COLUMNS. THE BEAM FRAMES OVER THE TOP OF THE RIGHT COLUMN AND INTO THE SIDE OF THE LEFT COLUMN.

#### SLAB AND MASONRY PLAN NOTES:

- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE S3.03 AND S4.01 THROUGH S4.03 FOR TYPICAL SLAB AND MASONRY DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT APPLY UNLESS OTHERWISE NOTED.
- REFERENCE ELEVATION = TOP OF EXISTING LOWER LEVEL FINISH FLOOR = 100'-0" (806.36' U.S.G.S.)
- L, ML, SML INDICATES MASONRY LINTEL. SEE SHEET S4.03.
- LBX, LSX, LHX INDICATES STEEL ANGLE LINTEL. SEE SHEET S4.03.
- BPX INDICATES BEARING PLATE REQUIRED. SEE S5.01.
- BL INDICATES BRICK LEDGE ELEVATION.
- CJ INDICATES CONTROL JOINT IN CMU. COORDINATE LOCATION WITH BONDING PATTERN AND WALL ELEVATION (SEE S4.02).
- INDICATES LINTEL REQUIRED FOR MECHANICAL OPENING. ONLY A PORTION OF THESE LINTELS IS REQUIRED FOR MASONRY OPENINGS. SEE SHOWING ON THE PLANS. THE CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL LINTELS REQUIRED FOR MECHANICAL OPENINGS WHETHER OR NOT SHOWN ON THE PLANS. COORDINATE NUMBER, SIZE, ELEVATION, AND LOCATION OF ALL LINTELS FOR MECHANICAL OPENINGS. SEE S4.03 AND S4.04 FOR LINTELS IN NON-BEARING WALLS. SUBMIT SHOP DRAWINGS FOR REVIEW FOR LINTELS REQUIRED AT MECHANICAL OPENINGS IN BEARING WALLS AND OUTSIDE LIMITS OF S4.03 AND S4.04.
- FOR MULTI-SPAN CONTINUOUS LINTELS, MAINTAIN 16" MINIMUM CMU BETWEEN OPENINGS (U.O.N.).
- SEE S4.01 FOR MASONRY WALL BRACING REQUIREMENTS.
- SEE THE PROJECT MANUAL FOR CONTRACTION AND CONSTRUCTION JOINT SPACING. THE CONTRACTOR IS ENCOURAGED TO SUBMIT A SLAB PLAN SHOWING ALTERNATE SPACINGS AND LOCATIONS THAT ADAPTS TO THEIR PLANNED CONSTRUCTION SEQUENCE.
- SEE ARCHITECTURAL PLANS FOR RAISED LOCKER BASES.
- PROVIDE LINTEL AT RECESSED FIRE EXTINGUISHER CABINET. SEE TYPICAL CMU WALL OPENING AT RECESSED EQUIPMENT ON S4.02.
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- SLAB SHALL BE 4" CONCRETE SLAB ON GRADE WITH 6#6-W2.1xW2.1 WWF (SHEETS ONLY) OVER VAPOR BARRIER AND 6" MIN. COMPACTED DRAINAGE FILL.
- RAMP SLAB SHALL BE 6" CONCRETE SLAB ON GRADE WITH 6#6-W2.9xW2.9 WWF (SHEETS ONLY) OVER VAPOR BARRIER AND 6" MIN. COMPACTED DRAINAGE FILL.
- HOLLOW CORE PLANKS SHALL HAVE A SLOPED LIGHTWEIGHT CONCRETE TOPPING SLAB. TOPPING SLAB THICKNESS TO BE 2" MINIMUM AT DRAINS AND SLOPE PER ARCHITECTURAL REINFORCE TOPPING SLAB WITH EPOXY COATED 6#6-W1.4xW1.4 WELDED WIRE FABRIC (SHEETS ONLY).

#### LEGEND:

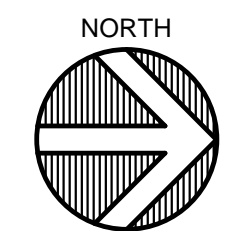
- INDICATES SLAB DEPRESSION FROM FINISHED FLOOR ELEVATION. SEE THE PROJECT MANUAL FOR REQUIRED DEPRESSION.
- PANEL XX
- INDICATES MASONRY WALL SUPPORTED ON FOOTING. SEE S4.01 FOR MASONRY WALL PANEL SCHEDULE
- INDICATES THICKENED SLAB. SEE 6C-S3.03.

### BUILDING A - SECOND FLOOR FRAMING PLAN - UNIT B

1/8" = 1'-0"

#### PLAN NOTES:

- REFERENCE ELEVATION = TOP OF EXISTING FINISH FLOOR = 100'-0" (806.36' U.S.G.S.)
- TOP OF STEEL (T/STEEL) ELEVATION SHALL BE AS NOTED ON PLAN.



# 222154.00 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

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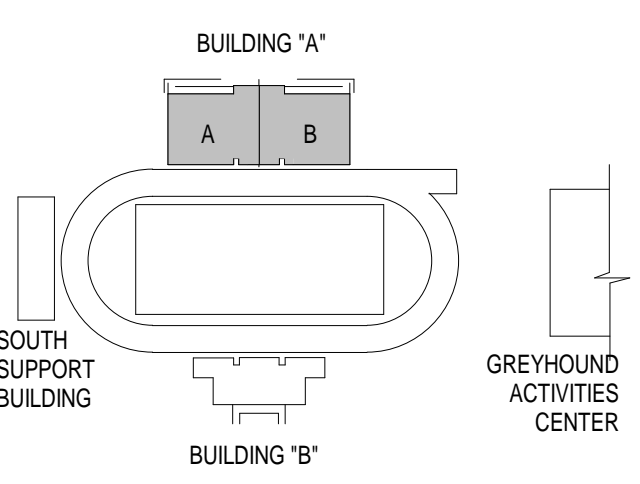
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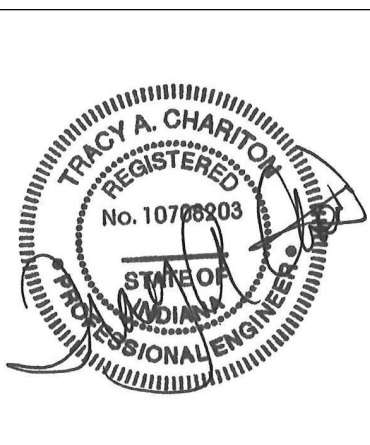
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## KEY PLAN

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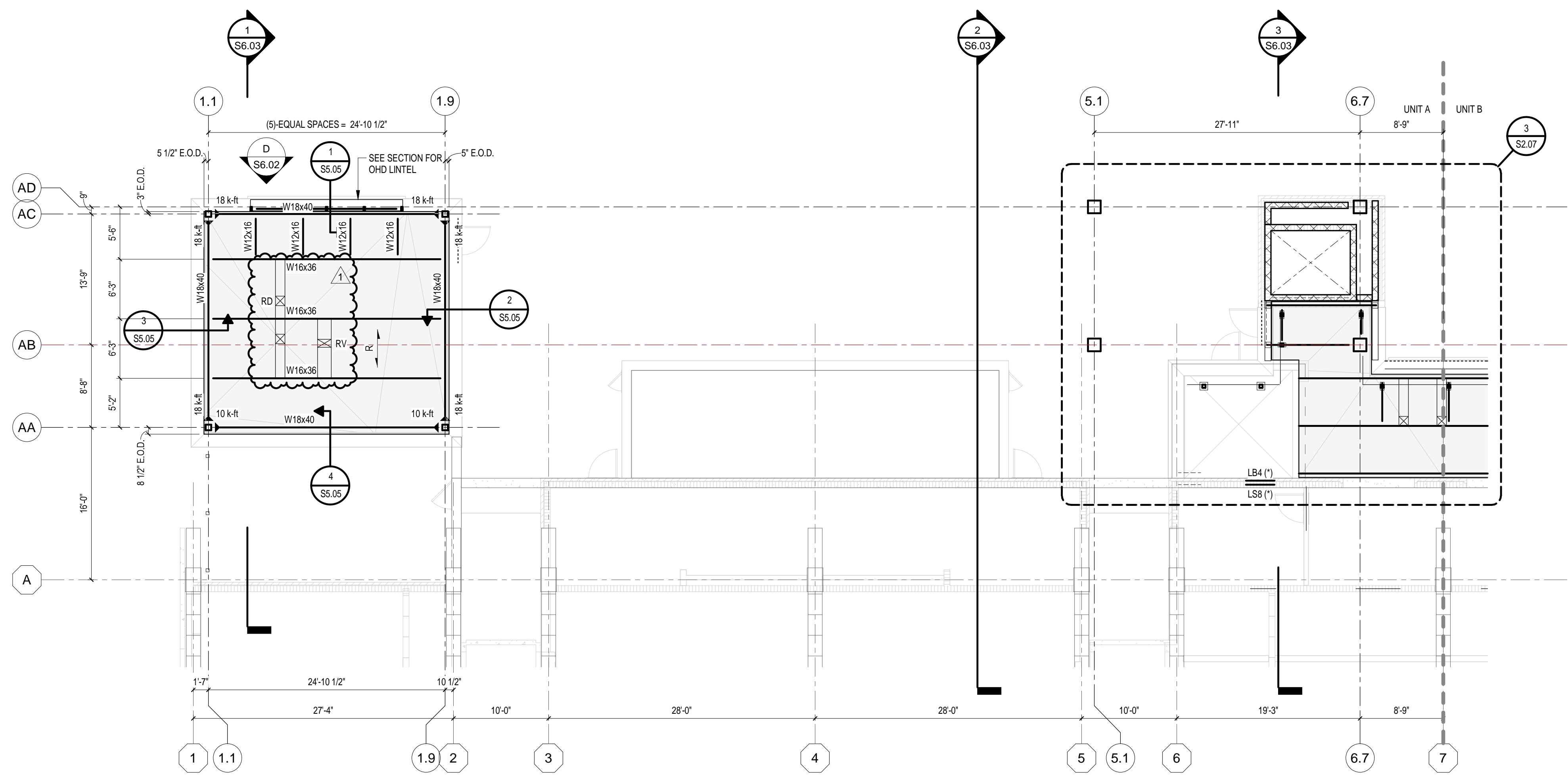
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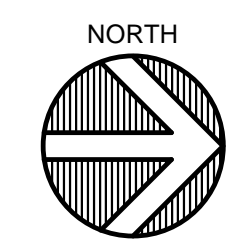
BUILDING A - CONCOURSE ROOF  
FRAMING PLANS - UNIT A AND B

# S2.03



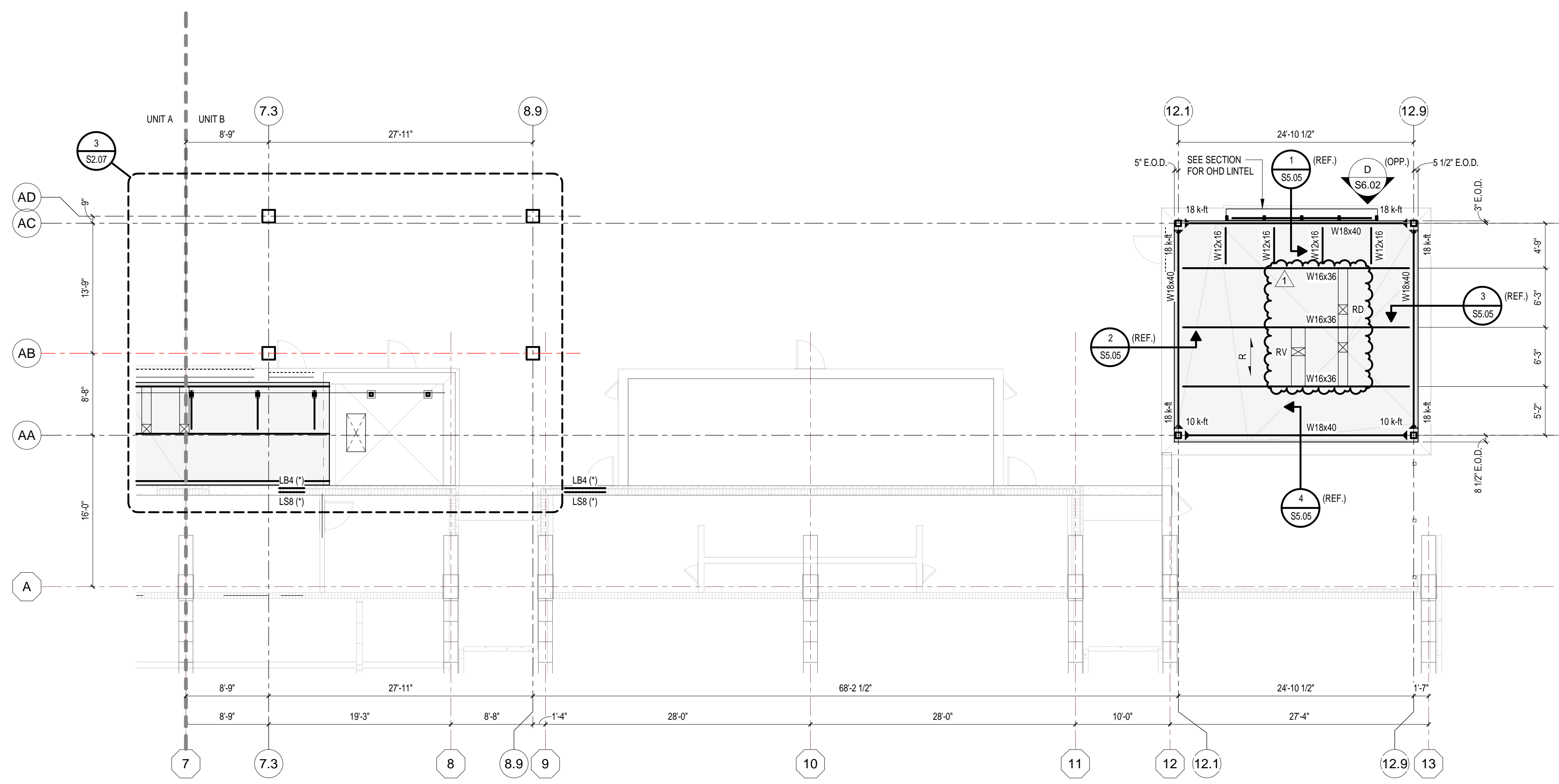
## CONCESSIONS ROOF FRAMING - UNIT A

1/8" = 1'-0"



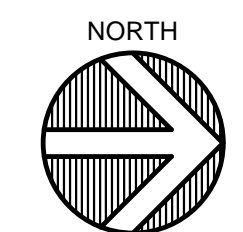
### PLAN NOTES:

- REFERENCE ELEVATION = TOP OF EXISTING FINISH FLOOR = 100'-0" (806.36' U.S.G.S.).
- TOP OF STEEL (I/STEEL) ELEVATION = 123'-8" (U.O.N.).



## CONCESSIONS ROOF FRAMING - UNIT B

1/8" = 1'-0"



### PLAN NOTES:

- REFERENCE ELEVATION = TOP OF EXISTING FINISH FLOOR = 100'-0" (806.36' U.S.G.S.).
- TOP OF STEEL (I/STEEL) ELEVATION = 123'-8" (U.O.N.).

### FRAMING PLAN NOTES:

- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE DRAWINGS S5.01 THROUGH S5.02 FOR STEEL FRAMING DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS BUT APPLY UNLESS OTHERWISE NOTED.
- SEE S5.01 FOR TYPICAL STEEL FRAMING CONNECTIONS.
- SEE S4.01 FOR MASONRY WALL BRACING REQUIREMENTS.
- PROVIDE MINIMUM 1.5x3x1/4 (U.O.N.) ROOF EDGE SUPPORT ANGLES AT ALL ROOF EDGES AND ROOF EXPANSION JOINTS.

### BEAM LEGEND:

- (7) INDICATES DECK SUPPORT REQUIRED BETWEEN JOISTS. SEE EDGE OF DECK SUPPORT.
- (E) INDICATES EXISTING FRAMING MEMBER.
- BP INDICATES BEARING PLATE. SEE BEARING PLATE SCHEDULE.
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- F4 INDICATES DIRECTION OF FLOOR DECK SPAN (4' COMP. CONC., U.O.N.).
- R INDICATES DIRECTION OF 1/2" ROOF DECK SPAN (WR20, U.O.N.).
- INDICATES BEAM MOMENT CONNECTION.

- 10k W12x16 (110-8 1/2) INDICATES THAT THE W12x16 BEAM IS LEVEL WITH THE TOP FLANGE AT ELEVATION 110'-8 1/2" WITH A 10 KIP REACTION AT EACH END.
- PT4 W12x16 (110-0) THE PT4 INDICATES A POST, A COLUMN BEARING ON THE TOP FLANGE OF THE BEAM BELOW. THE HG4 INDICATES A HANGER, A COLUMN BOLTED TO THE BOTTOM FLANGE OF THE BEAM INDICATED. SEE PLANS FOR POST AND HANGER MARKS.
- W12x18 (S) (110-0) INDICATES THAT THE W12x18 BEAM IS SLOPED WITH THE TOP OF ITS FLANGE AT ELEVATION 110'-0" AND ELEVATION 110'-11" RESPECTIVELY AT THE CENTERLINE OF THE TWO COLUMNS. THE BEAM FRAMES OVER THE TOP OF THE RIGHT COLUMN AND INTO THE SIDE OF THE LEFT COLUMN.

### SLAB AND MASONRY PLAN NOTES:

- SEE SHEET S0.01 FOR GENERAL NOTES.
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- L, ML, SML INDICATES MASONRY LINTEL. SEE SHEET S4.03.
- LBX, LSX, LHX INDICATES STEEL ANGLE LINTEL. SEE SHEET S4.03.
- BPX INDICATES BEARING PLATE REQUIRED. SEE S5.01.
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- CJ INDICATES CONTROL JOINT IN CMU. COORDINATE LOCATION WITH BONDING PATTERN AND WALL ELEVATION (SEE S4.02).
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- SEE THE PROJECT MANUAL FOR CONTRACTION AND CONSTRUCTION JOINT SPACING. THE CONTRACTOR IS ENCOURAGED TO SUBMIT A SLAB PLAN SHOWING ALTERNATE SPACINGS AND LOCATIONS THAT ADAPTS TO THEIR PLANNED CONSTRUCTION SEQUENCE.
- SEE ARCHITECTURAL PLANS FOR RAISED LOCKER BASES.
- PROVIDE LINTEL AT RECESSED FIRE EXTINGUISHER CABINET. SEE TYPICAL CMU WALL OPENING AT RECESSED EQUIPMENT ON S4.02.
- PROVIDE LINTEL AT RECESSED ELECTRICAL PANEL BOARD. SEE TYPICAL CMU WALL OPENING AT RECESSED EQUIPMENT ON S4.02.
- SLAB SHALL BE 4" CONCRETE SLAB ON GRADE WITH 6#6-W2.1xW2.1 WWF (SHEETS ONLY) OVER VAPOR BARRIER AND 6" MIN. COMPACTED DRAINAGE FILL.
- RAMP SLAB SHALL BE 6" CONCRETE SLAB ON GRADE WITH 6#6-W2.0xW2.9 WWF (SHEETS ONLY) OVER VAPOR BARRIER AND 6" MIN. COMPACTED DRAINAGE FILL.
- HOLLOW CORE PLANKS SHALL HAVE A SLOPED LIGHTWEIGHT CONCRETE TOPPING SLAB. TOPPING SLAB THICKNESS TO BE 2" MINIMUM AT DRAINS AND SLOPE PER ARCHITECTURAL REINFORCE TOPPING SLAB WITH EPOXY COATED 6#6-W1.4xW1.4 WELDED WIRE FABRIC (SHEETS ONLY).

- LEGEND:
- INDICATES SLAB DEPRESSION FROM FINISHED FLOOR ELEVATION. SEE THE PROJECT MANUAL FOR REQUIRED DEPRESSION.
  - PANEL XX INDICATES MASONRY WALL SUPPORTED ON FOOTING. SEE S4.01 FOR MASONRY WALL PANEL SCHEDULE.
  - INDICATES THICKENED SLAB. SEE 6C-S3.03.

# 222154.00 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
5201 E Main Street, Carmel, IN 46033  
317-844-9961

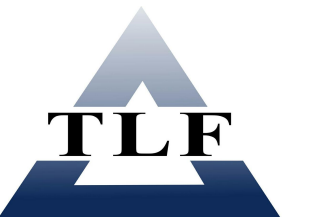


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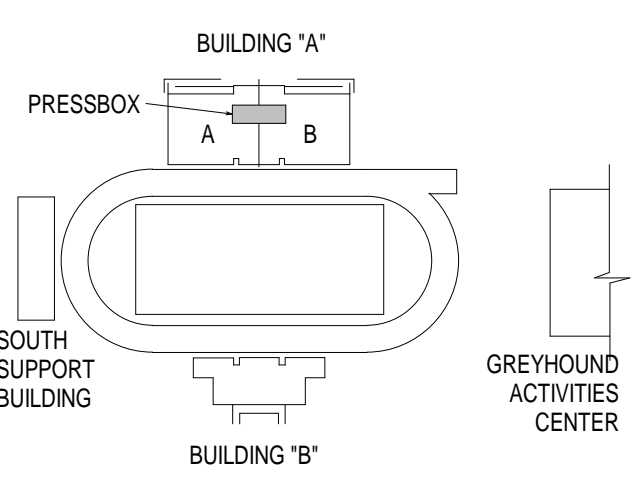


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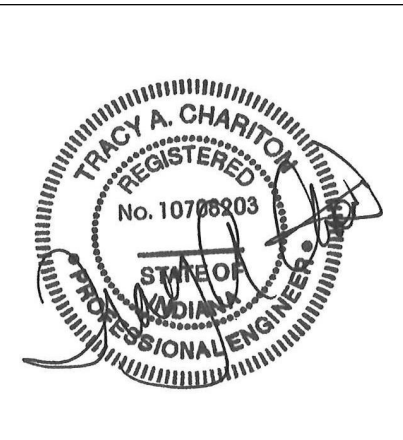


**TLF, INC.**  
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TLF Job No: 2023-234



## KEY PLAN

100% CONSTRUCTION DOCUMENTS

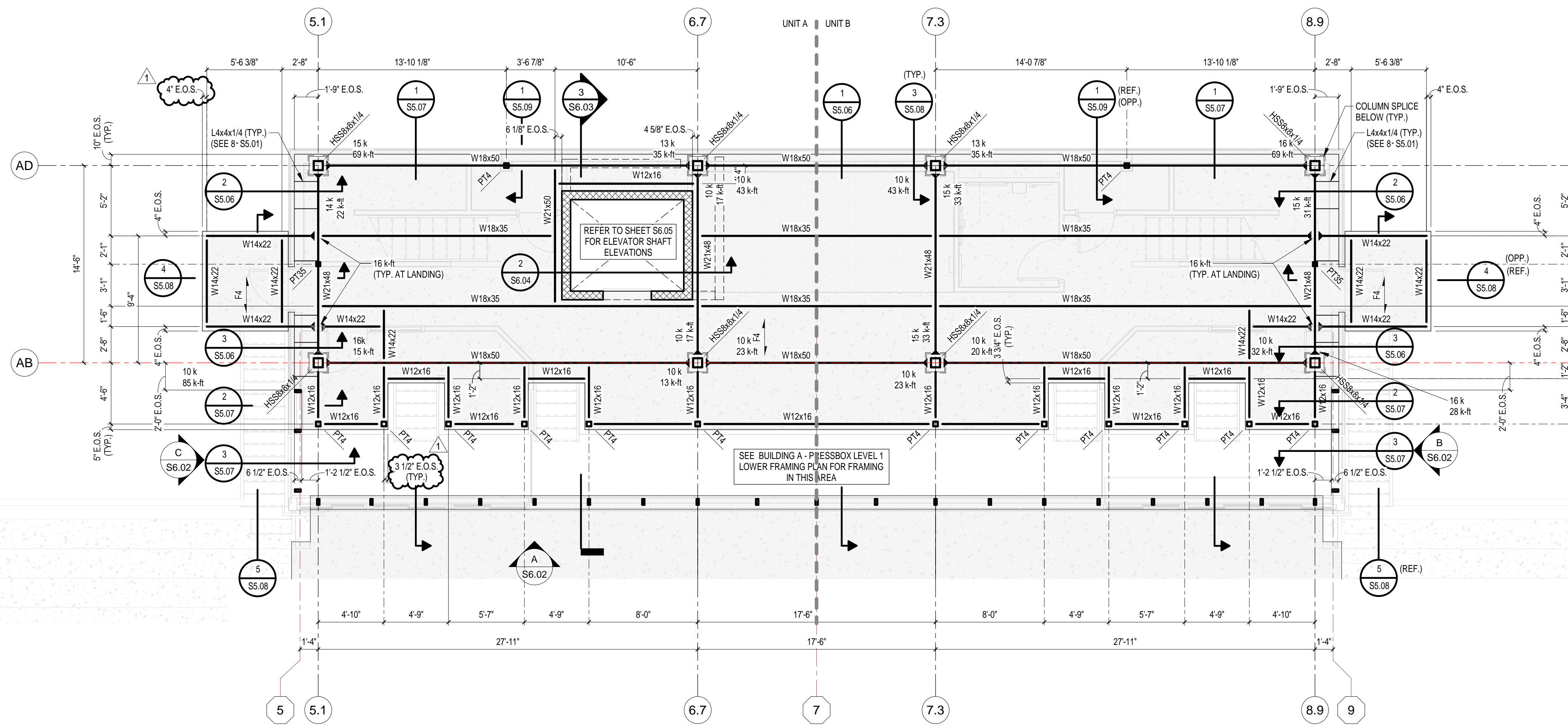


DRAWN BY: TLF  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

**BUILDING A - PRESSBOX FRAMING PLANS**

# S2.05



**BUILDING A - PRESSBOX LEVEL 1  
UPPER FRAMING PLAN**  
3/16" = 1'-0"

- PLAN NOTES:**
- REFERENCE ELEVATION = TOP OF EXISTING FINISH FLOOR = 100'-0" (806.36 U.S.G.S.).
  - TOP OF STEEL (T/STEEL) ELEVATION = 142'-8" (U.O.N.).

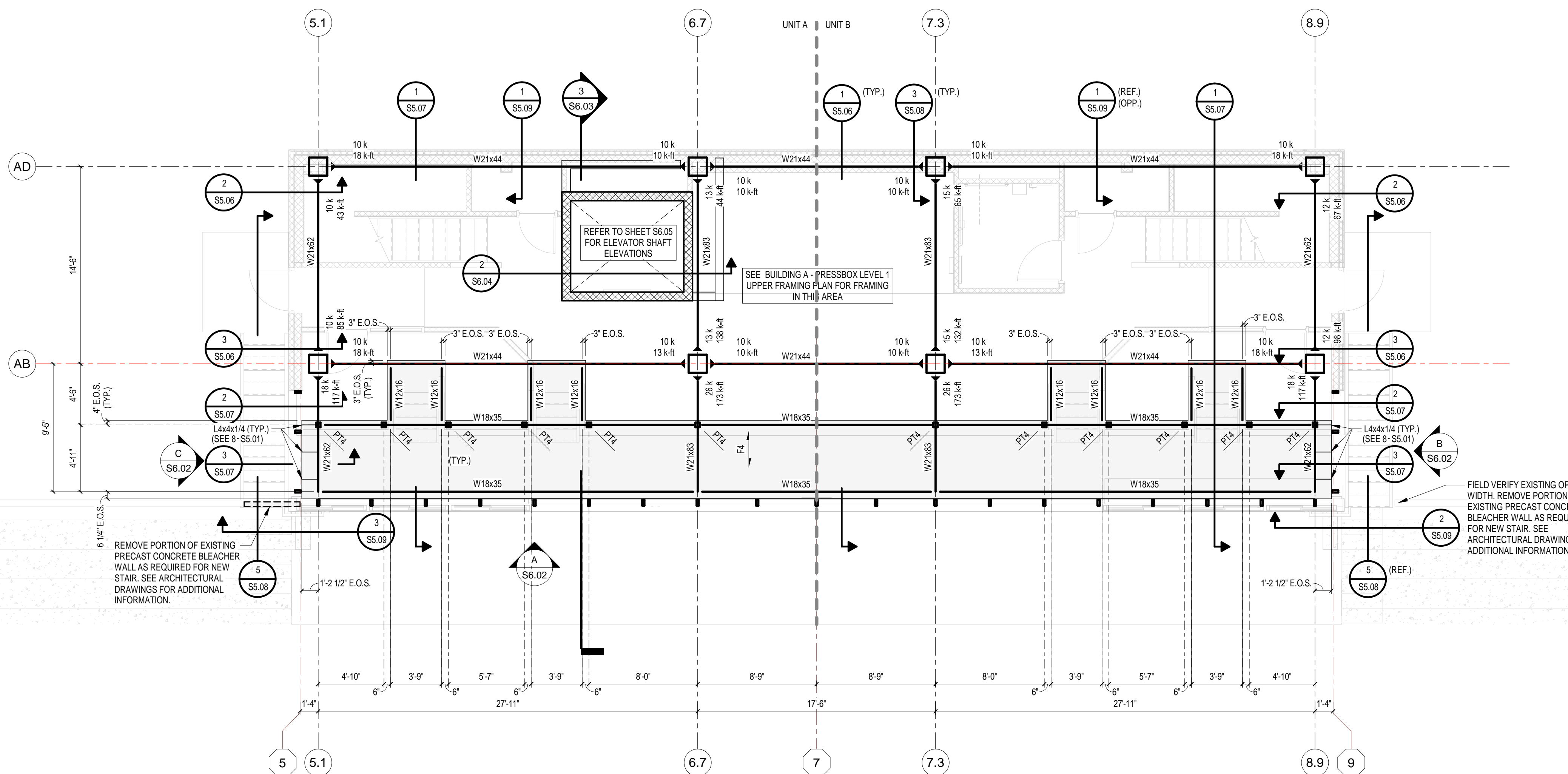
**FRAMING PLAN NOTES:**

- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE DRAWINGS S5.01 THROUGH S5.02 FOR STEEL FRAMING DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS BUT APPLY UNLESS OTHERWISE NOTED.
- SEE S5.01 FOR TYPICAL STEEL FRAMING CONNECTIONS.
- SEE S4.01 FOR MASONRY WALL BRACING REQUIREMENTS.
- PROVIDE MINIMUM 1/4"x1/4" (U.O.N.) ROOF EDGE SUPPORT ANGLES AT ALL ROOF EDGES AND ROOF EXPANSION JOINTS.

**BEAM LEGEND:**

- (7) INDICATES DECK SUPPORT REQUIRED BETWEEN JOISTS. SEE EDGE OF DECK SUPPORT.
- (E) INDICATES EXISTING FRAMING MEMBER.
- BP INDICATES BEARING PLATE. SEE BEARING PLATE SCHEDULE.
- (T) INDICATES TRANSFER BEAM - A BEAM WHICH SPANS BETWEEN TWO POINTS OF SUPPORT AND SUPPORTS ANOTHER BEAM OR COLUMN.
- RV INDICATES FRAME REQUIRED FOR ROOF VENT. SEE TYP. OPENING FRAME (RV). (VERIFY LOCATION WITH ROOF PLAN)
- RD INDICATES FRAME REQUIRED FOR ROOF DRAIN. SEE TYP. OPENING FRAME (RD). (VERIFY LOCATION WITH ROOF PLAN)
- RH INDICATES FRAME REQUIRED FOR ROOF HATCH. SEE TYP. OPENING FRAME (RH).
- FO INDICATES FRAME REQUIRED FOR FLOOR OPENING. SEE TYP. OPENING FRAME (FO).
- PB INDICATES FRAME REQUIRED FOR FOUR BOX OPENING.
- PTA, PTE, ETC. INDICATES POST - A COLUMN WHICH BEARS ON TOP OF A BEAM.
- HG4, HG8, ETC. INDICATES HANGER - A COLUMN WHICH IS SUPPORTED FROM THE BOTTOM OF A BEAM.
- F4 INDICATES DIRECTION OF FLOOR DECK SPAN (4' COMP. CONC., U.O.N.).
- R INDICATES DIRECTION OF 1/2" ROOF DECK SPAN (WR20, U.O.N.).
- INDICATES BEAM MOMENT CONNECTION.

- 10k W12x16 (110-8 1/2) INDICATES THAT THE W12x16 BEAM IS LEVEL WITH THE TOP FLANGE AT ELEVATION 110'-8 1/2" WITH A 10 KIP REACTION AT EACH END.
- PT4 W12x16 (110-8 1/2) THE PT4 INDICATES A POST, A COLUMN BEARING ON THE TOP FLANGE OF THE BEAM BELOW. THE HG4 INDICATES A HANGER, A COLUMN BOLTED TO THE BOTTOM FLANGE OF THE BEAM INDICATED. SEE PLANS FOR POST AND HANGER MARKS.
- W12x18 (S) (110-9) INDICATES THAT THE W12x18 BEAM IS SLOPED WITH THE TOP OF ITS FLANGE AT ELEVATION 110'-0" AND ELEVATION 110'-11" RESPECTIVELY AT THE CENTERLINE OF THE TWO COLUMNS. THE BEAM FRAMES OVER THE TOP OF THE RIGHT COLUMN AND INTO THE SIDE OF THE LEFT COLUMN.



**BUILDING A - PRESSBOX LEVEL 1  
LOWER FRAMING PLAN**  
3/16" = 1'-0"

- PLAN NOTES:**
- REFERENCE ELEVATION = TOP OF EXISTING FINISH FLOOR = 100'-0" (806.36 U.S.G.S.).
  - TOP OF STEEL (T/STEEL) ELEVATION = 139'-4" (U.O.N.).

# 222154.00 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

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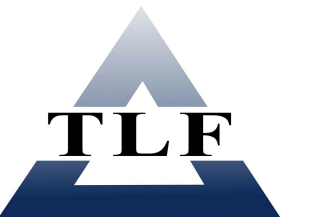


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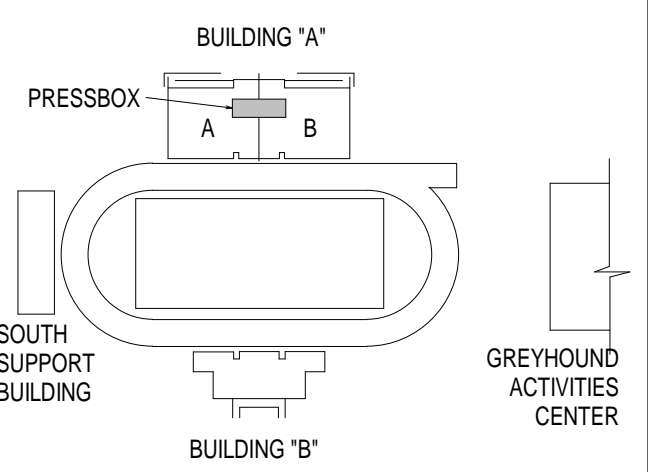


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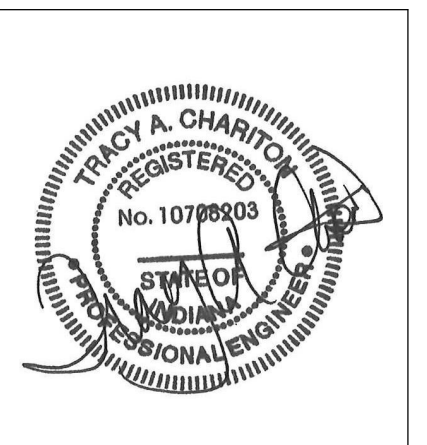


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T.L.F. Job No: 2023-234



KEY PLAN

100% CONSTRUCTION DOCUMENTS



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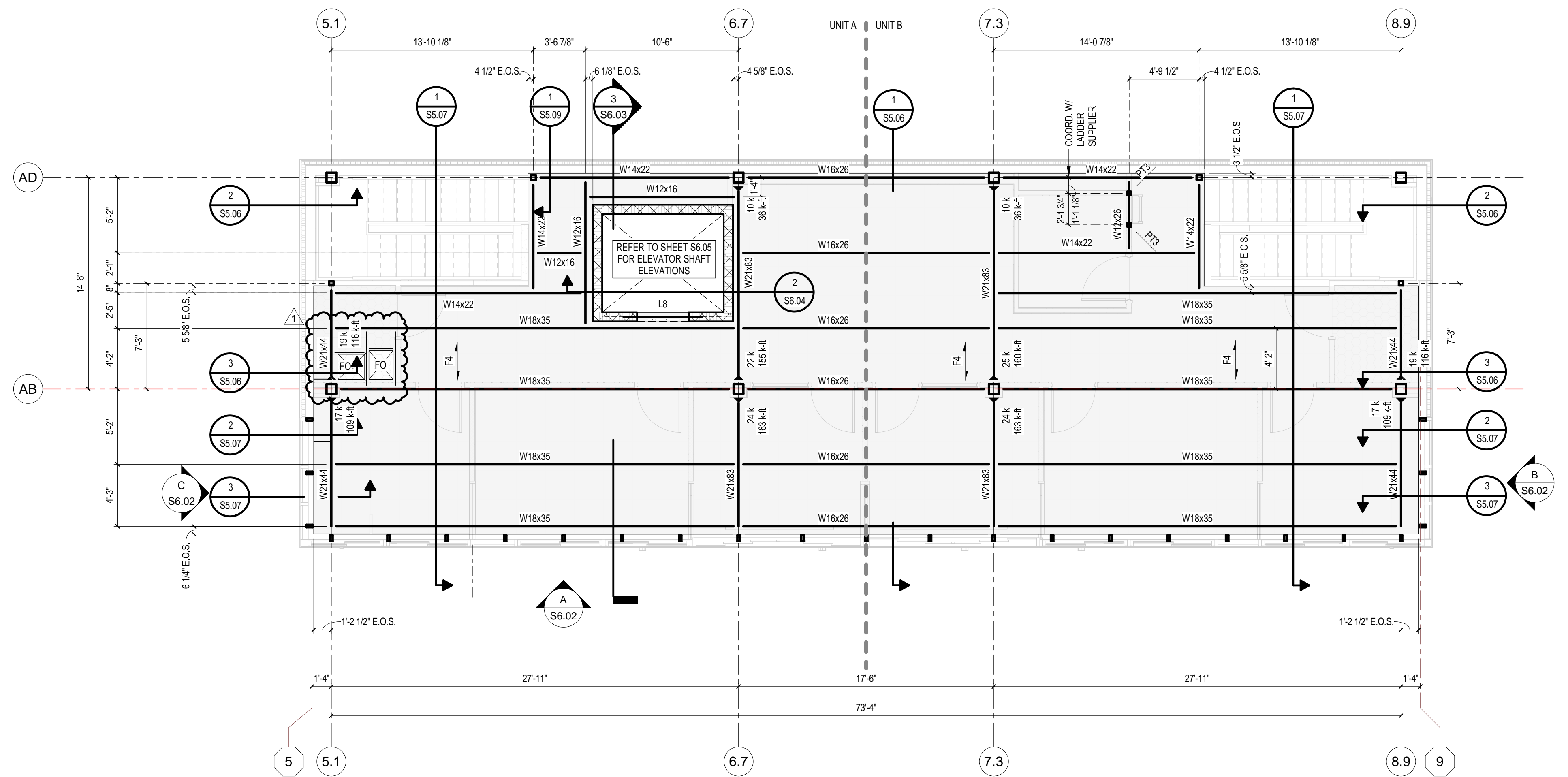
PROJECT NUMBER: 222154.00

PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

BUILDING A - PRESSBOX FRAMING PLANS

## S2.06



**BUILDING A - PRESSBOX LEVEL 2  
FRAMING PLAN**  
3/16" = 1'-0"

- PLAN NOTES:**
- REFERENCE ELEVATION = TOP OF EXISTING FINISH FLOOR = 100'-0" (806.36' U.S.G.S.).
  - TOP OF STEEL (1'STEEL) ELEVATION = 154'-8" (U.O.N.).

**FRAMING PLAN NOTES:**

- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE DRAWINGS S5.01 THROUGH S5.02 FOR STEEL FRAMING DETAILS. TYPICAL DETAILS MAY NOT BE SHOWN ON PLANS BUT APPLY UNLESS OTHERWISE NOTED.
- SEE S5.01 FOR TYPICAL STEEL FRAMING CONNECTIONS.
- SEE S4.01 FOR MASONRY WALL BRACING REQUIREMENTS.
- PROVIDE MINIMUM L3x3x1/4 (U.O.N.) ROOF EDGE SUPPORT ANGLES AT ALL ROOF EDGES AND ROOF EXPANSION JOINTS.

**BEAM LEGEND:**

- (7) INDICATES DECK SUPPORT REQUIRED BETWEEN JOISTS. SEE EDGE OF DECK SUPPORT.
- (E) INDICATES EXISTING FRAMING MEMBER.
- BP INDICATES BEARING PLATE. SEE BEARING PLATE SCHEDULE.
- (T) INDICATES TRANSFER BEAM - A BEAM WHICH SPANS BETWEEN TWO POINTS OF SUPPORT AND SUPPORTS ANOTHER BEAM OR COLUMN.
- RV INDICATES FRAME REQUIRED FOR ROOF VENT. SEE TYP. OPENING FRAME (RV). (VERIFY LOCATION WITH ROOF PLAN).
- RD INDICATES FRAME REQUIRED FOR ROOF DRAIN. SEE TYP. OPENING FRAME (RD). (VERIFY LOCATION WITH ROOF PLAN).
- RH INDICATES FRAME REQUIRED FOR ROOF HATCH. SEE TYP. OPENING FRAME (RH).
- FO INDICATES FRAME REQUIRED FOR FLOOR OPENING. SEE TYP. OPENING FRAME (FO).
- PB INDICATES FRAME REQUIRED FOR FOUR BOX OPENING.
- PTA, PTC, ETC. INDICATES POST - A COLUMN WHICH BEARS ON TOP OF A BEAM.
- HG4, HG6, ETC. INDICATES HANGER - A COLUMN WHICH IS SUPPORTED FROM THE BOTTOM OF A BEAM.
- F4 INDICATES DIRECTION OF FLOOR DECK SPAN (4' COMP. CONC., U.O.N.).
- R INDICATES DIRECTION OF 1 1/2" ROOF DECK SPAN (WR20, U.O.N.).
- INDICATES BEAM MOMENT CONNECTION.

10k W12x16 10k (110-8 1/2")

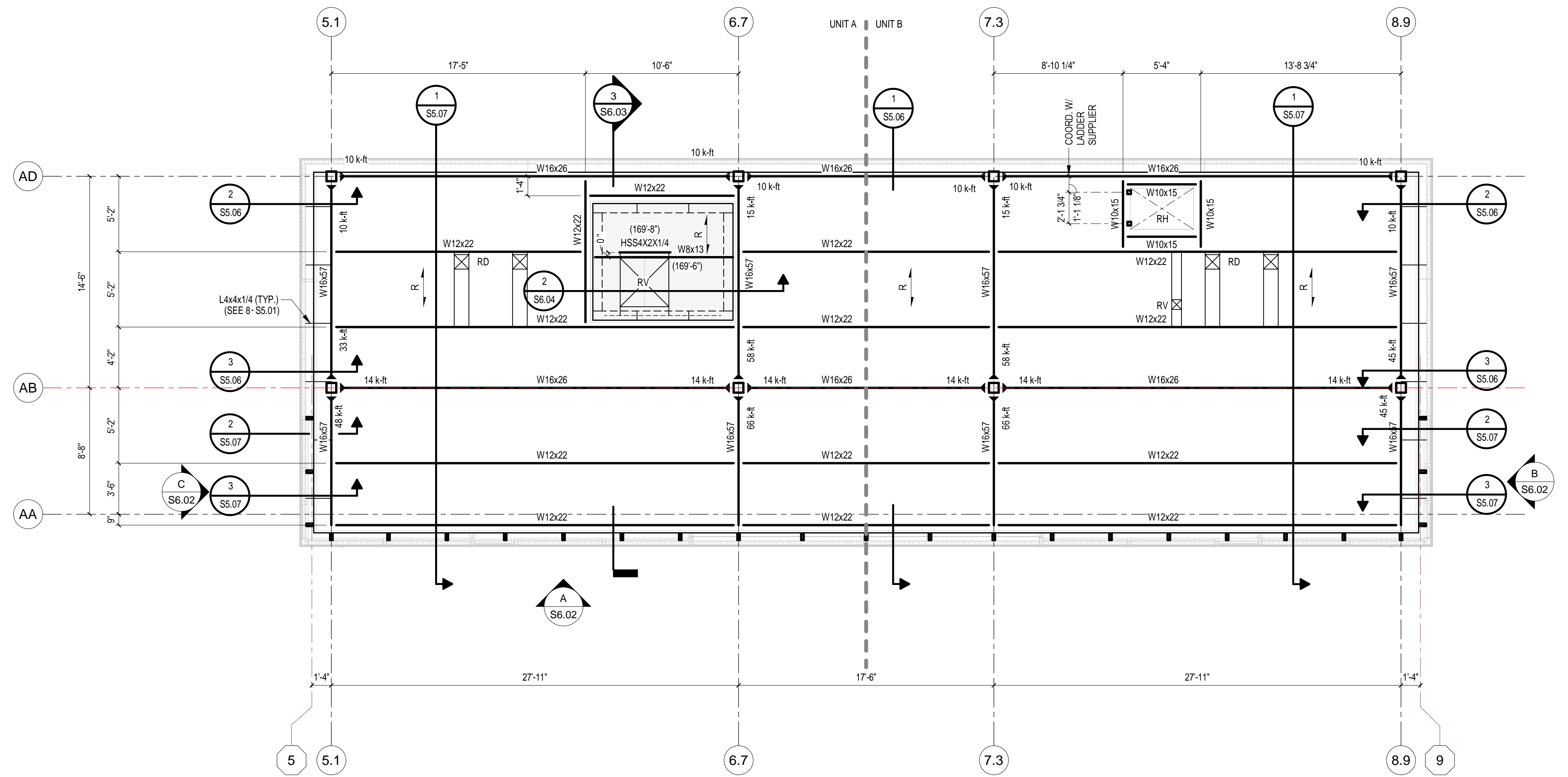
INDICATES THAT THE W12x16 BEAM IS LEVEL WITH THE TOP FLANGE AT ELEVATION 110'-8 1/2" WITH A 10 KIP REACTION AT EACH END.

PTA W12x16

THE PTA INDICATES A POST, A COLUMN BEARING ON THE TOP FLANGE OF THE BEAM BELOW. THE HG4 INDICATES A HANGER, A COLUMN BOLTED TO THE BOTTOM FLANGE OF THE BEAM INDICATED. SEE PLANS FOR POST AND HANGER MARKS.

W12x18 (S) (110-9) (110-11)

INDICATES THAT THE W12x18 BEAM IS SLOPED WITH THE TOP OF ITS FLANGE AT ELEVATION 110'-9" AND ELEVATION 110'-11", RESPECTIVELY AT THE CENTERLINE OF THE TWO COLUMNS. THE BEAM FRAMES OVER THE TOP OF THE RIGHT COLUMN AND INTO THE SIDE OF THE LEFT COLUMN.



**BUILDING A - PRESSBOX ROOF  
FRAMING PLAN**  
3/16" = 1'-0"

- PLAN NOTES:**
- REFERENCE ELEVATION = TOP OF EXISTING FINISH FLOOR = 100'-0" (806.36' U.S.G.S.).
  - TOP OF STEEL (1'STEEL) ELEVATION = 167'-4" (U.O.N.).

# 222154.00 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

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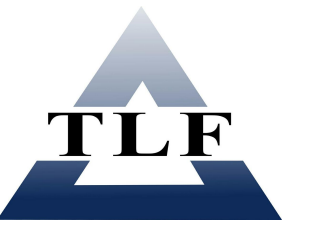
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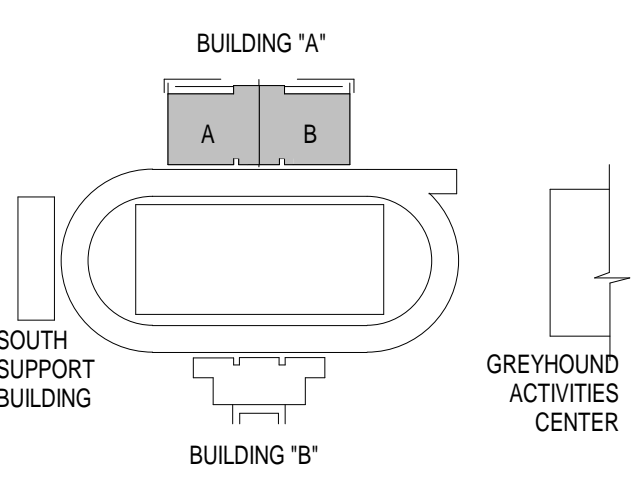
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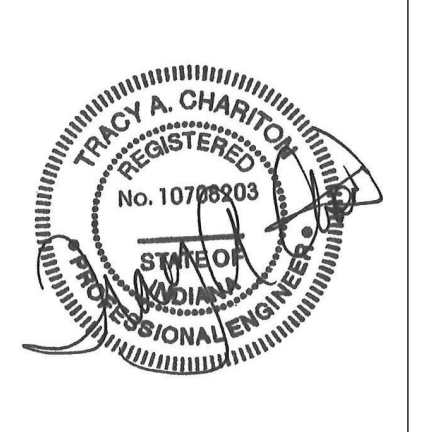


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## KEY PLAN

## 100% CONSTRUCTION DOCUMENTS



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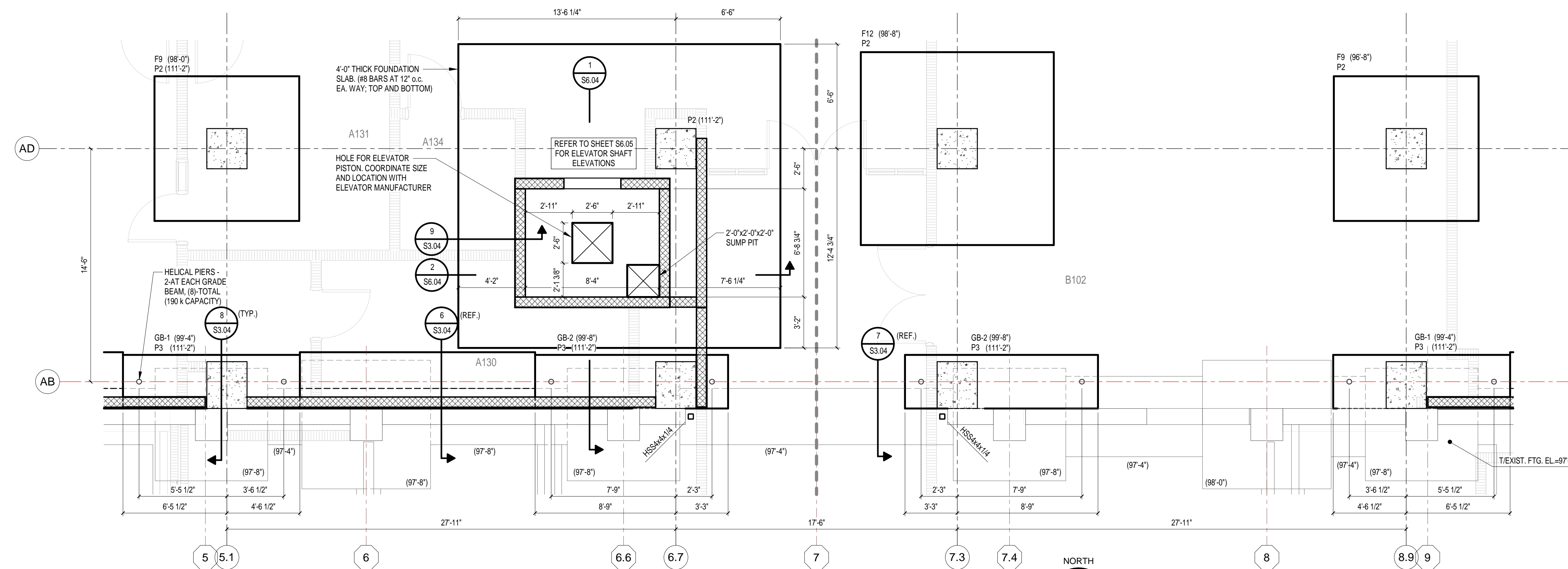
PROJECT NUMBER: 222154.00

PROJECT ISSUE DATE: 7.26.2024

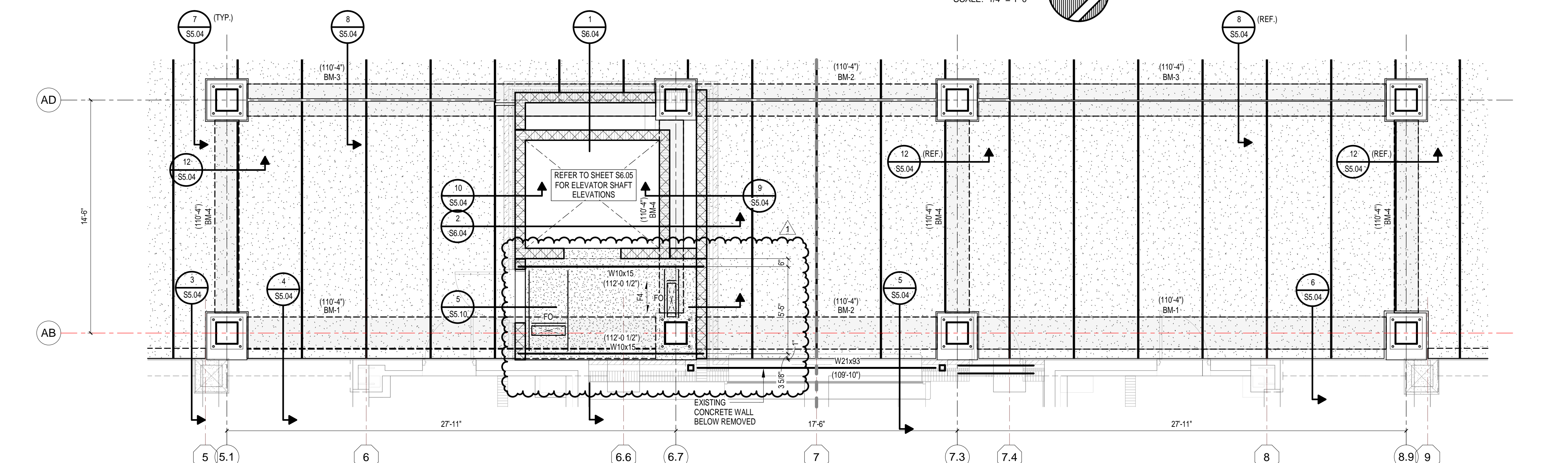
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

BUILDING A - ENLARGED PLANS

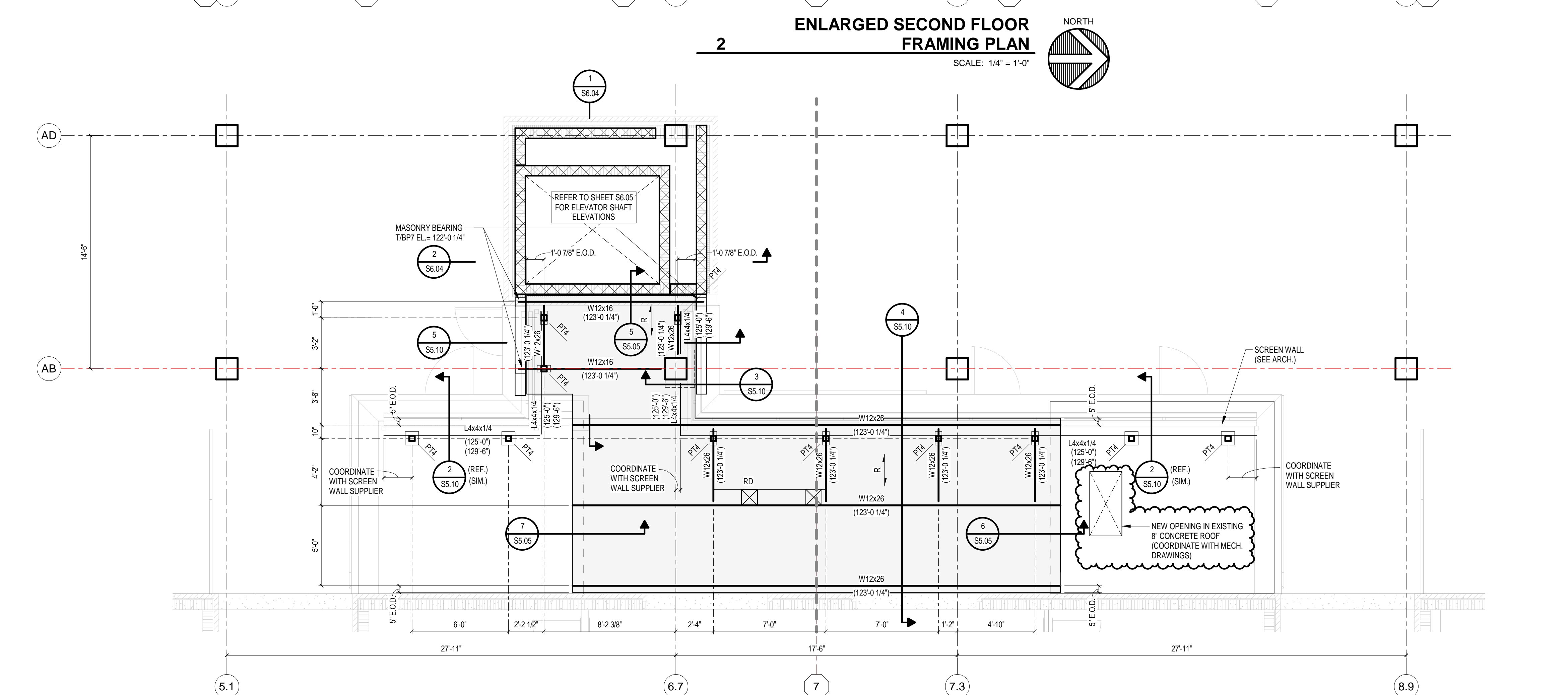
# S2.07



**1 ENLARGED FOUNDATION PLAN**  
SCALE: 1/4" = 1'-0"



**2 ENLARGED SECOND FLOOR FRAMING PLAN**  
SCALE: 1/4" = 1'-0"



**3 ENLARGED SPIRIT SHOP ROOF FRAMING PLAN**  
SCALE: 1/4" = 1'-0"

### FOUNDATION PLAN NOTES:

- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE S3.01 THROUGH S3.03 FOR FOUNDATION DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT APPLY UNLESS OTHERWISE NOTED.
- CENTER WALL FOOTINGS UNDER WALLS UNLESS NOTED OTHERWISE.
- EW-F-X INDICATES EXTERIOR FOUNDATION EW-F-X. SEE FOUNDATION SCHEDULE ON S3.01.
- WF-X INDICATES INTERIOR WALL FOOTING WF-X. TYPICAL INTERIOR WALL FOOTING DETAIL ON S3.01.
- RWF-X INDICATES RETAINING WALL FOOTING RWF-X. SEE TYPICAL RETAINING WALL DETAIL ON S3.01.
- GB-X INDICATES GRADE BEAM GB-X. SEE TYPICAL GRADE BEAM DETAIL ON S3.01.
- P1, P2, ETC. INDICATES CONCRETE PIER. SEE TYPICAL PIER DETAIL ON S3.01. TOP OF PIER ELEVATION = 99'-4" (U.O.N.).
- MP1, MP2, ETC. INDICATES MASONRY PILASTER. SEE MASONRY PLASTER (MP).
- SEE S3.01 FOR TYPICAL INTERIOR COLUMN FOOTING DETAIL.
- SEE S-5-S3.01 FOR TYPICAL ANCHORAGE DETAIL.
- SEE S-3-S3.01 FOR TYPICAL BASE PLATE.
- FOOTINGS MAY BE EARTH-FORMED WHERE COHESIVE SOILS EXIST AT FOUNDATION ELEVATION. REFER TO THE PROJECT MANUAL AND CONSULT GEOTECHNICAL ENGINEER. THE CONTRACTOR SHALL INCLUDE IN HIS BID FORMING OF FOOTINGS WHERE REVIEW OF THE GEOTECHNICAL ENGINEERING REPORT INDICATES EARTH-FORMING MAY NOT BE POSSIBLE.
- VERIFY LOCATION AND ELEVATION OF ALL UNDERGROUND PLUMBING LINES AND UTILITIES. SEE SHEET S3.02 FOR REQUIREMENTS WHEN PLUMBING LINES CROSS FOUNDATIONS AT ALL ELEVATIONS.
- SEE ARCHITECTURAL PLANS FOR RAISED LOCKER BASES.
- F.S. INDICATES STEPPED FOOTING. SEE S3.01 FOR DETAILS.
- LEGEND:

### FRAMING PLAN NOTES:

- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE DRAWINGS S5.01 THROUGH S5.02 FOR STEEL FRAMING DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS BUT APPLY UNLESS OTHERWISE NOTED.
- SEE S5.01 FOR TYPICAL STEEL FRAMING CONNECTIONS.
- SEE S4.01 FOR MASONRY WALL BRACING REQUIREMENTS.
- PROVIDE MINIMUM L3x3x1/4 (U.O.N.) ROOF EDGE SUPPORT ANGLES AT ALL ROOF EDGES AND ROOF EXPANSION JOINTS.

### BEAM LEGEND:

- (7) INDICATES DECK SUPPORT REQUIRED BETWEEN JOISTS. SEE EDGE OF DECK SUPPORT.
- (E) INDICATES EXISTING FRAMING MEMBER.
- BP INDICATES BEARING PLATE. SEE BEARING PLATE SCHEDULE.
- (T) INDICATES TRANSFER BEAM - A BEAM WHICH SPANS BETWEEN TWO POINTS OF SUPPORT AND SUPPORTS ANOTHER BEAM OR COLUMN. (VERIFY LOCATION WITH ROOF PLAN)
- RV INDICATES FRAME REQUIRED FOR ROOF VENT. SEE TYP. OPENING FRAME (RV). (VERIFY LOCATION WITH ROOF PLAN)
- RD INDICATES FRAME REQUIRED FOR ROOF DRAIN. SEE TYP. OPENING FRAME (RD). (VERIFY LOCATION WITH ROOF PLAN)
- RH INDICATES FRAME REQUIRED FOR ROOF HATCH. SEE TYP. OPENING FRAME (RH).
- FO INDICATES FRAME REQUIRED FOR FLOOR OPENING. SEE TYP. OPENING FRAME (FO).
- PB INDICATES FRAME REQUIRED FOR FLOOR POUR BOX OPENING.
- PTL, PTL, ETC. INDICATES POST - A COLUMN WHICH BEARS ON TOP OF A BEAM.
- HG4, HG6, ETC. INDICATES HANGER - A COLUMN WHICH IS SUPPORTED FROM THE BOTTOM OF A BEAM.
- F4 INDICATES DIRECTION OF FLOOR DECK SPAN (4" COMP. CONC., U.O.N.).
- R INDICATES DIRECTION OF 1 1/2" ROOF DECK SPAN (WR20, U.O.N.).
- INDICATES BEAM MOMENT CONNECTION.

- INDICATES THAT THE W12x16 BEAM IS LEVEL WITH THE TOP FLANGE AT ELEVATION 110'-8 1/2" WITH A 10 KIP REACTION AT EACH END.
- THE PTL INDICATES A POST, A COLUMN BEARING ON THE TOP FLANGE OF THE BEAM BELOW. THE HG4 INDICATES A HANGER, A COLUMN BOLTED TO THE BOTTOM FLANGE OF THE BEAM INDICATED. SEE PLANS FOR POST AND HANGER MARKS.
- INDICATES THAT THE W12x16 BEAM IS SLOPED WITH THE TOP OF ITS FLANGE AT ELEVATION 110'-0" AND ELEVATION 110'-11" RESPECTIVELY AT THE CENTERLINE OF THE TWO COLUMNS. THE BEAM FRAMES OVER THE TOP OF THE RIGHT COLUMN AND INTO THE SIDE OF THE LEFT COLUMN.

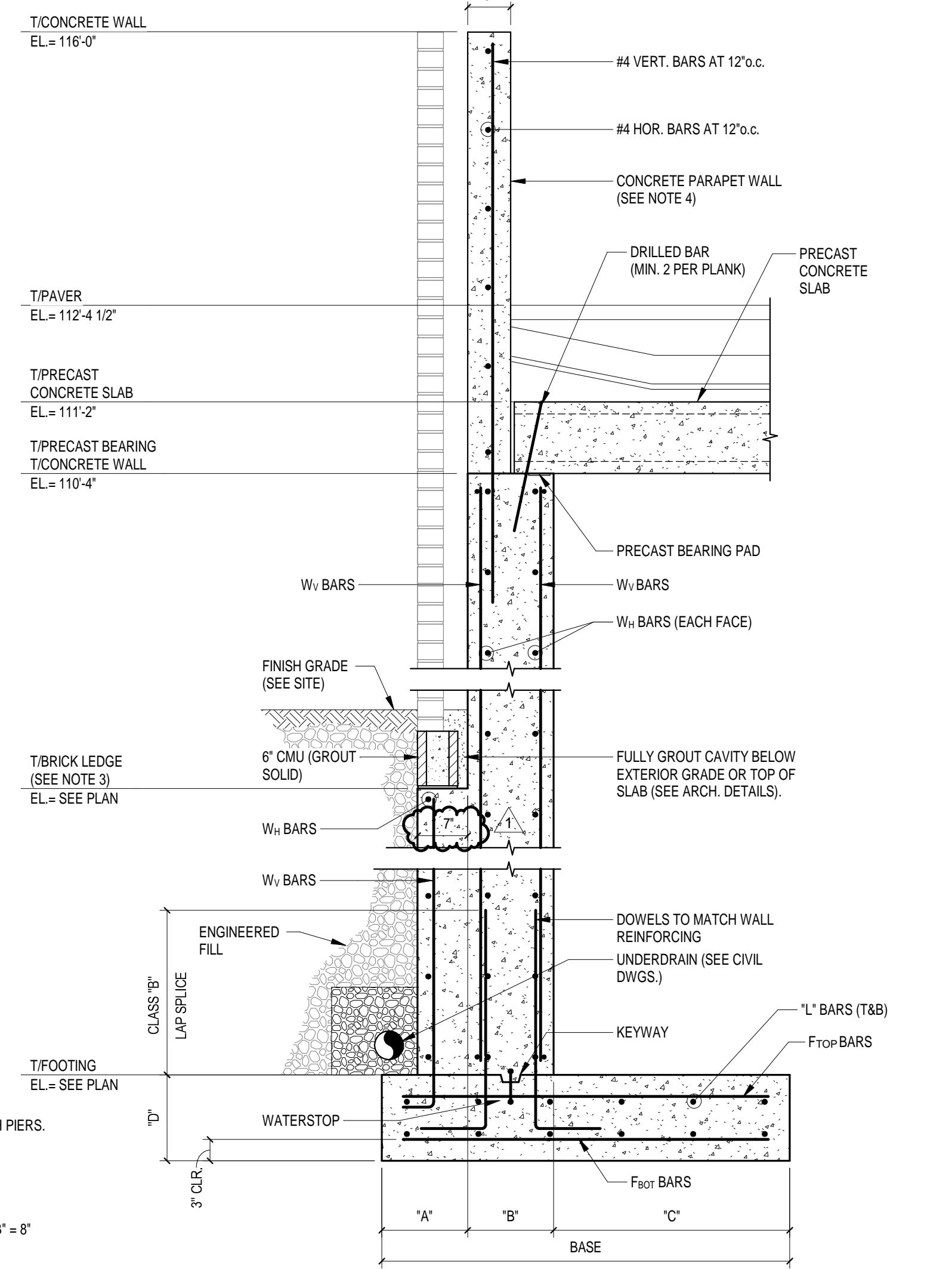
### SLAB AND MASONRY PLAN NOTES:

- SEE SHEET S0.01 FOR GENERAL NOTES.
- SEE S3.03 AND S4.01 THROUGH S4.03 FOR TYPICAL SLAB AND MASONRY DETAILS. TYPICAL DETAILS MAY NOT BE CUT ON PLANS, BUT APPLY UNLESS OTHERWISE NOTED.
- REFERENCE ELEVATION = TOP OF EXISTING LOWER LEVEL FINISH FLOOR = 100'-0" (806.36' U.S.G.S.).
- L.MI, SML INDICATES MASONRY LINTEL. SEE SHEET S4.03.
- LSX, LSX, LHX INDICATES STEEL ANGLE LINTEL. SEE SHEET S4.03.
- BPX INDICATES BEARING PLATE REQUIRED. SEE S5.01.
- BL INDICATES BRICK LEDGE ELEVATION.
- CJ INDICATES CONTROL JOINT IN CMU. COORDINATE LOCATION WITH BONDING PATTERN AND WALL ELEVATION (SEE S4.02).
- INDICATES LINTEL REQUIRED FOR MECHANICAL OPENING. ONLY A PORTION OF THESE LINTELS REQUIRED FOR MASONRY OPENINGS ARE SHOWN ON THE PLANS. THE CONTRACTOR IS REQUIRED TO FURNISH AND INSTALL LINTELS REQUIRED FOR MECHANICAL OPENINGS WHETHER OR NOT SHOWN ON THE PLANS. COORDINATE NUMBER, SIZE, ELEVATION, AND LOCATION OF ALL LINTELS FOR MECHANICAL OPENINGS.
- SEE S-5-S4.03 AND S-5-S4.03 FOR LINTELS IN NON-BEARING WALLS. SUBMIT SHOP DRAWINGS FOR REVIEW FOR LINTELS REQUIRED AT MECHANICAL OPENINGS IN BEARING WALLS AND OUTSIDE LIMITS OF 1'-54.03 AND 2'-54.03.
- FOR MULTI-SPAN CONTINUOUS LINTELS, MAINTAIN 16" MINIMUM CMU BETWEEN OPENINGS (U.O.N.).
- SEE S4.01 FOR MASONRY WALL BRACING REQUIREMENTS.
- SEE THE PROJECT MANUAL FOR CONSTRUCTION JOINT SPACING. THE CONTRACTOR IS ENCOURAGED TO SUBMIT A SLAB PLAN SHOWING ALTERNATE SPACINGS AND LOCATIONS THAT ADAPTS TO THEIR PLANNED CONSTRUCTION SEQUENCE.
- SEE ARCHITECTURAL PLANS FOR RAISED LOCKER BASES.
- PROVIDE LINTEL AT RECESSED FIRE EXTINGUISHER CABINET. SEE TYPICAL CMU WALL OPENING AT RECESSED EQUIPMENT ON S4.02.
- PROVIDE LINTEL AT RECESSED ELECTRICAL PANEL BOARD. SEE TYPICAL CMU WALL OPENING AT RECESSED EQUIPMENT ON S4.02.
- SLAB SHALL BE 4" CONCRETE SLAB ON GRADE WITH 6#W2-1/W2-1 WWF (SHEETS ONLY) OVER VAPOR BARRIER AND 1" MIN. COMPACTED DRAINAGE FILL.
- RAMP SLAB SHALL BE 6" CONCRETE SLAB ON GRADE WITH 6#W2-2/W2-2 WWF (SHEETS ONLY) OVER VAPOR BARRIER AND 1" MIN. COMPACTED DRAINAGE FILL.
- HOLLOW CORE PLANKS SHALL HAVE A SLOPED LIGHTWEIGHT CONCRETE TOPPING SLAB. TOPPING SLAB THICKNESS TO BE 2" MINIMUM AT DRAINS AND SLOPE PER ARCHITECTURAL. REINFORCE TOPPING SLAB WITH EPOXY COATED 6#W1.4/W1.4 WELDED WIRE FABRIC (SHEETS ONLY).
- LEGEND:

- INDICATES SLAB DEPRESSION FROM FINISHED FLOOR ELEVATION. SEE THE PROJECT MANUAL FOR REQUIRED DEPRESSION.
- PANEL XX
- INDICATES MASONRY WALL SUPPORTED ON FOOTING. SEE S4.01 FOR MASONRY WALL PANEL SCHEDULE.
- INDICATES THICKENED SLAB. SEE EC-S3.03.

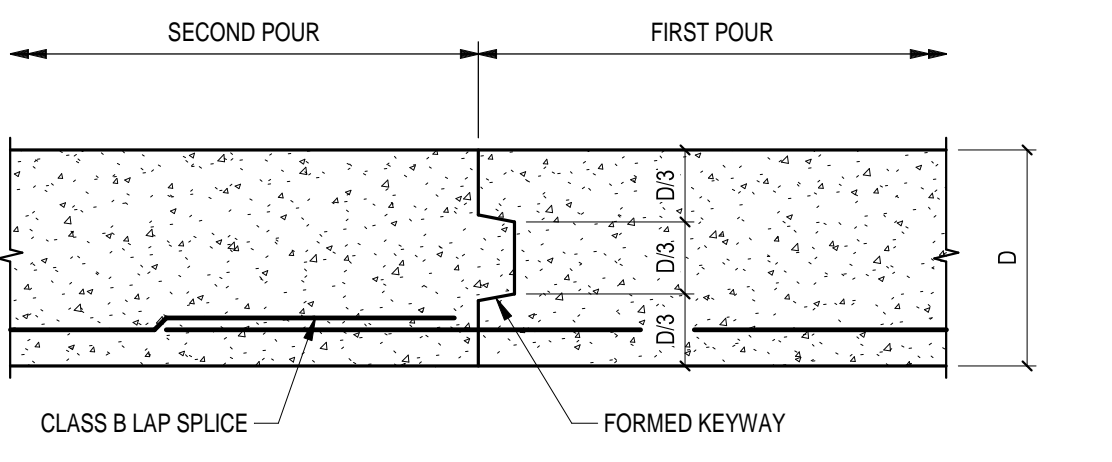


RETAINING WALL SCHEDULE										
MARK	BASE	"A"	"B"	"C"	"D"	"L" BARS	W <sub>v</sub> BARS	W <sub>w</sub> BARS	F <sub>TOP</sub> BARS	F <sub>OT</sub> BARS
RW-1	7'-4"	2'-4"	8"	4'-4"	1'-3"	(6) #6	#6 AT 6"	#4 AT 12"	#6 AT 12"	#6 AT 12"
RW-2	5'-8"	2'-0"	8"	3'-0"	1'-0"	(5) #6	#6 AT 6"	#4 AT 12"	#6 AT 12"	#6 AT 12"
RW-3	4'-0"	1'-8"	8"	1'-8"	1'-0"	(4) #6	#4 AT 12"	#4 AT 12"	#6 AT 12"	#6 AT 12"
RW-4	5'-8"	2'-0"	8"	3'-0"	1'-0"	(5) #6	#6 AT 10"	#4 AT 12"	#6 AT 12"	#6 AT 12"
RW-5	6'-0"	2'-10"	12"	2'-2"	1'-3"	(5) #6	#6 AT 12"	#4 AT 12"	#6 AT 12"	#6 AT 12"
RW-6	3'-0"	1'-0"	12"	1'-0"	1'-3"	(3) #6	#6 AT 12"	#4 AT 12"	#6 AT 12"	#6 AT 12"
RW-7	4'-4"	1'-8"	12"	1'-8"	1'-0"	(4) #6	#4 AT 12"	#4 AT 12"	#6 AT 12"	#6 AT 12"

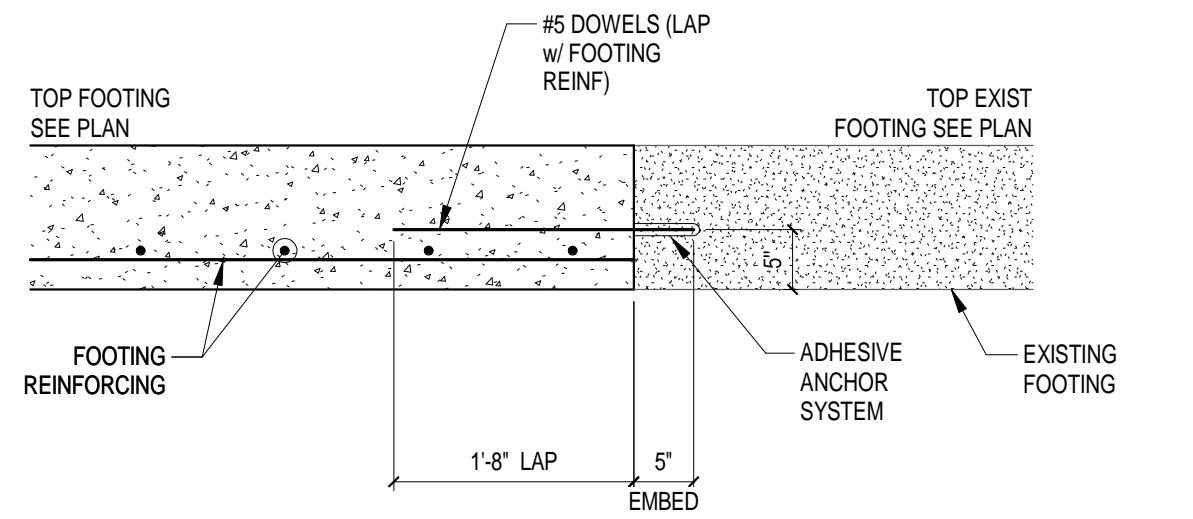


- NOTES:**
- PROVIDE 2 INCHES OF CLEAR COVER U.O.N.
  - WALL REBAR SHALL RUN CONTINUOUSLY THROUGH PIERS.
  - BRICK LEDGE NOT AT ALL LOCATIONS.
  - PARAPET WALL NOT AT ALL LOCATIONS.
  - PROVIDE SINGLE LAYER OF W<sub>v</sub> AND W<sub>w</sub> BARS FOR "B" = 8" OR LESS.
  - DO NOT PLACE BACKFILL UNTIL PRECAST CONCRETE SLAB AND/OR SOIL COVER IS IN PLACE.

10 TYPICAL RETAINING WALL  
N.T.S.



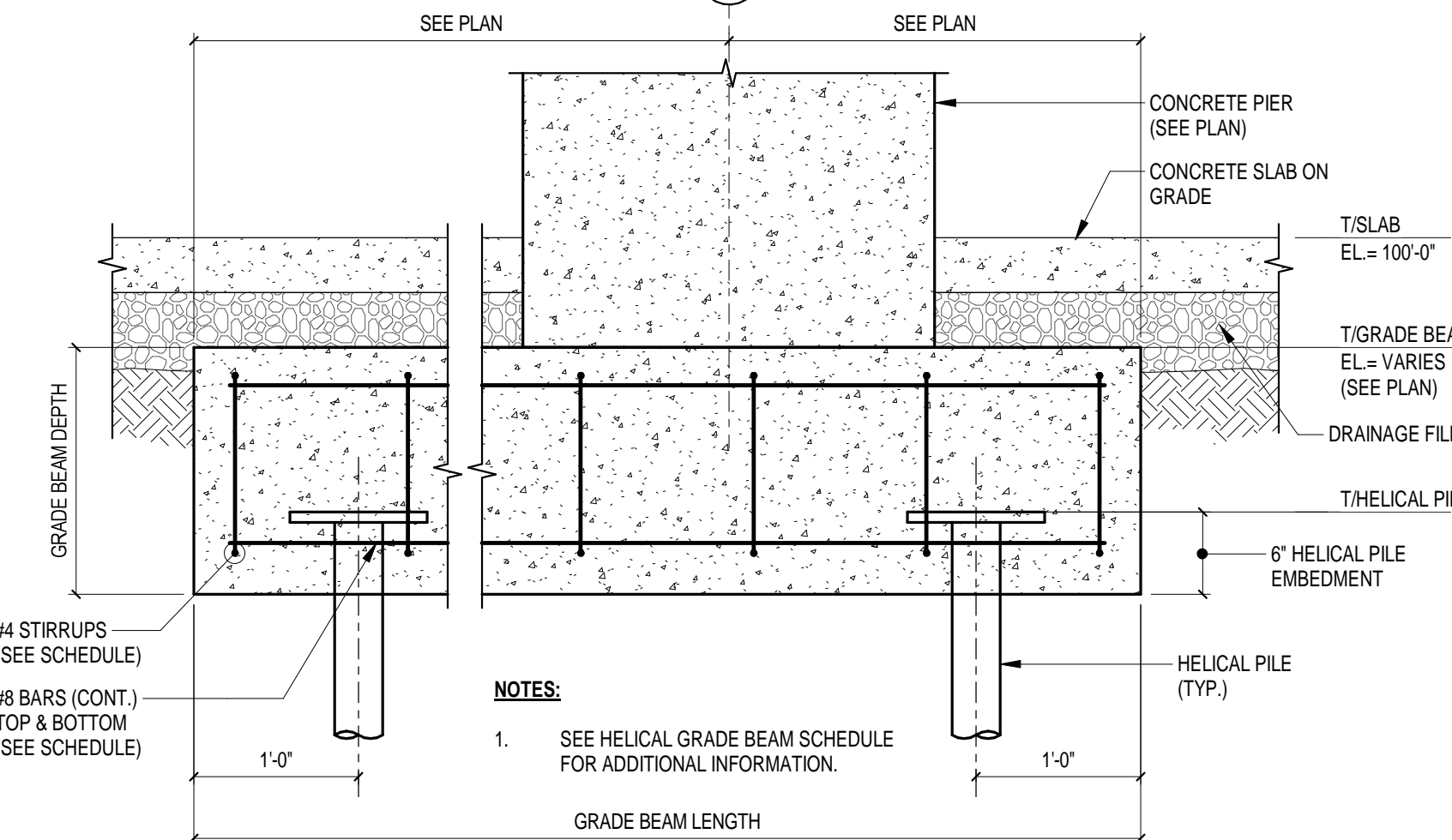
11 TYPICAL WALL FOOTING CONSTRUCTION JOINT  
N.T.S.



12 FOOTING AT EXISTING  
N.T.S.

CONCRETE GRADE BEAM SCHEDULE						
MARK	SIZE W' x D'	REINFORCEMENT		STIRRUPS		REMARKS
		TOP	BOTT.	SIZE	SPACING	
GB-1	3'-4" x 1'-6"	(3) #6	(10) #8	#4	6" o.c.	
GB-2	3'-4" x 1'-10"	(4) #6	(10) #8	#4	4" o.c.	

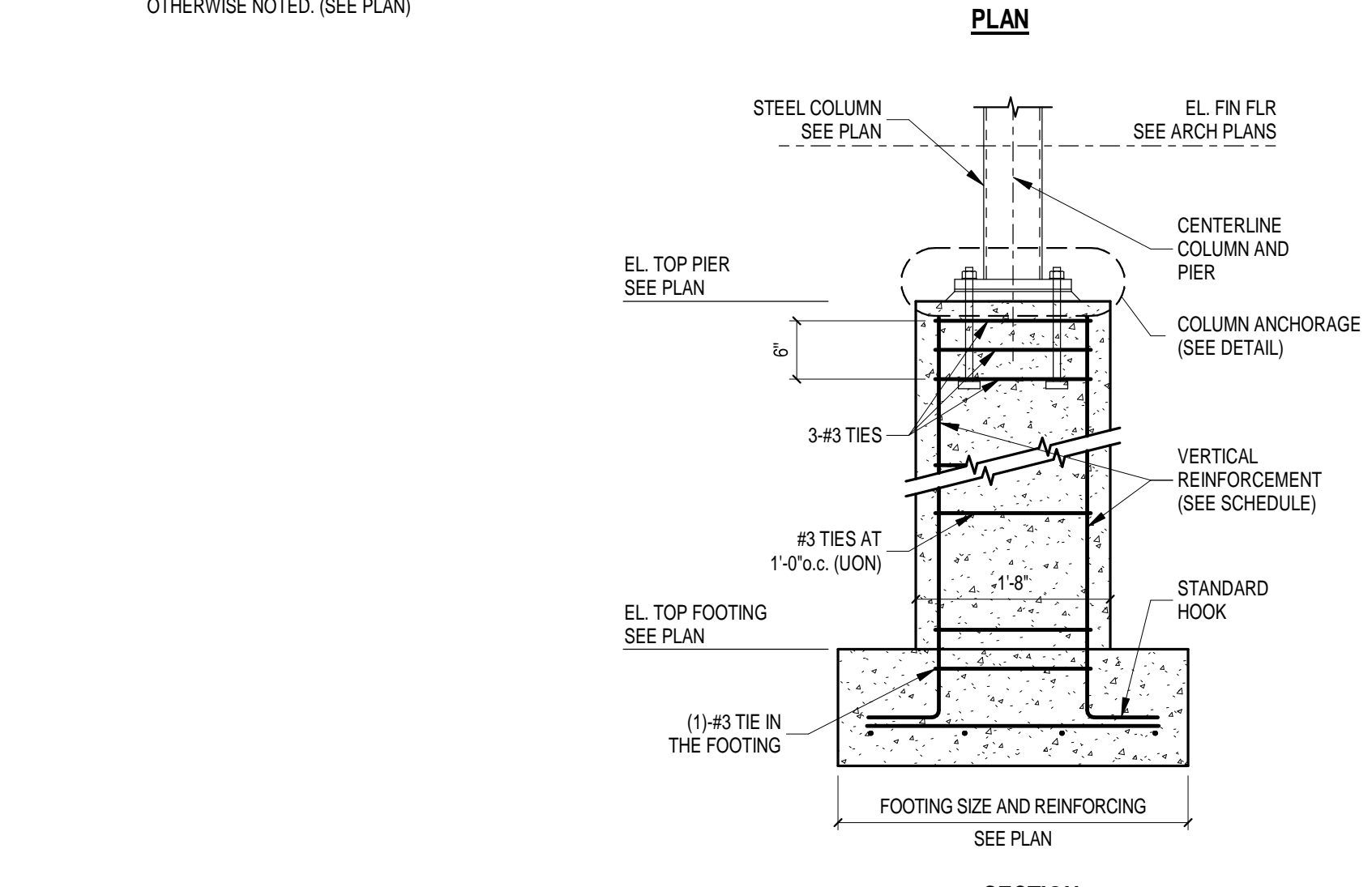
- CONCRETE BEAM SCHEDULE NOTES:**
- EXTEND ALL BARS TO FAR FACE OF FOOTING OR PIER. TERMINATE TOP AND BOTTOM BARS WITH STANDARD 90° HOOKS.
  - STAGGER LAP SPLICES SO THAT NOT MORE THAN 1/2 OF THE TOTAL NUMBER OF BARS IN A GRADE BEAM ARE BEING SPLICED AT ANY ONE LOCATION.
  - STIRRUPS OR EQUIVALENT DOWELS SHALL BE PLACED FULL DEPTH INTO FOOTINGS AT GRADE BEAM INTERFACES.
  - SCHEDULED SIDE REINFORCING IS IN ADDITION TO SCHEDULED TOP AND BOTTOM REINFORCING BARS.
  - ALL CONCRETE GRADE BEAMS SHALL BE CLASS 'B' CONCRETE.



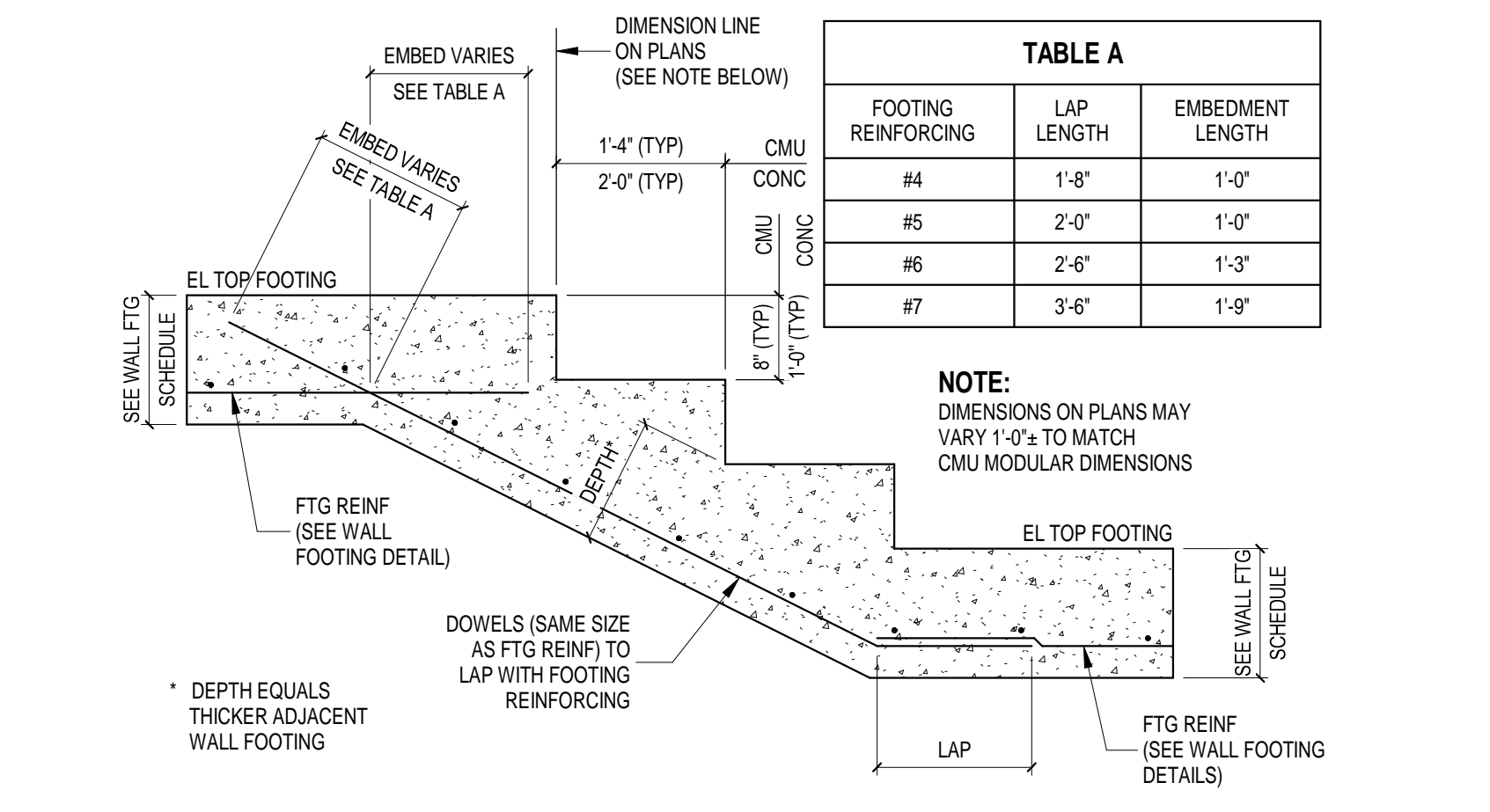
7 GRADE BEAM DETAIL  
N.T.S.

COLUMN SIZE	MARK	VERTICAL REINFORCING		REMARKS
		A	B	
P1	1'-10 5/8"	1'-8"	(8) #6	ALIGN FIPER WITH EXTERIOR F.C.M.U.
P2	2'-6"	2'-6"	(12) #8	
P3	2'-6"	2'-11"	(12) #8	
P4	1'-6"	2'-0"	(6) #6	

- NOTES:**
- CENTER PIER ON COLUMN UNLESS OTHERWISE NOTED. (SEE PLAN)

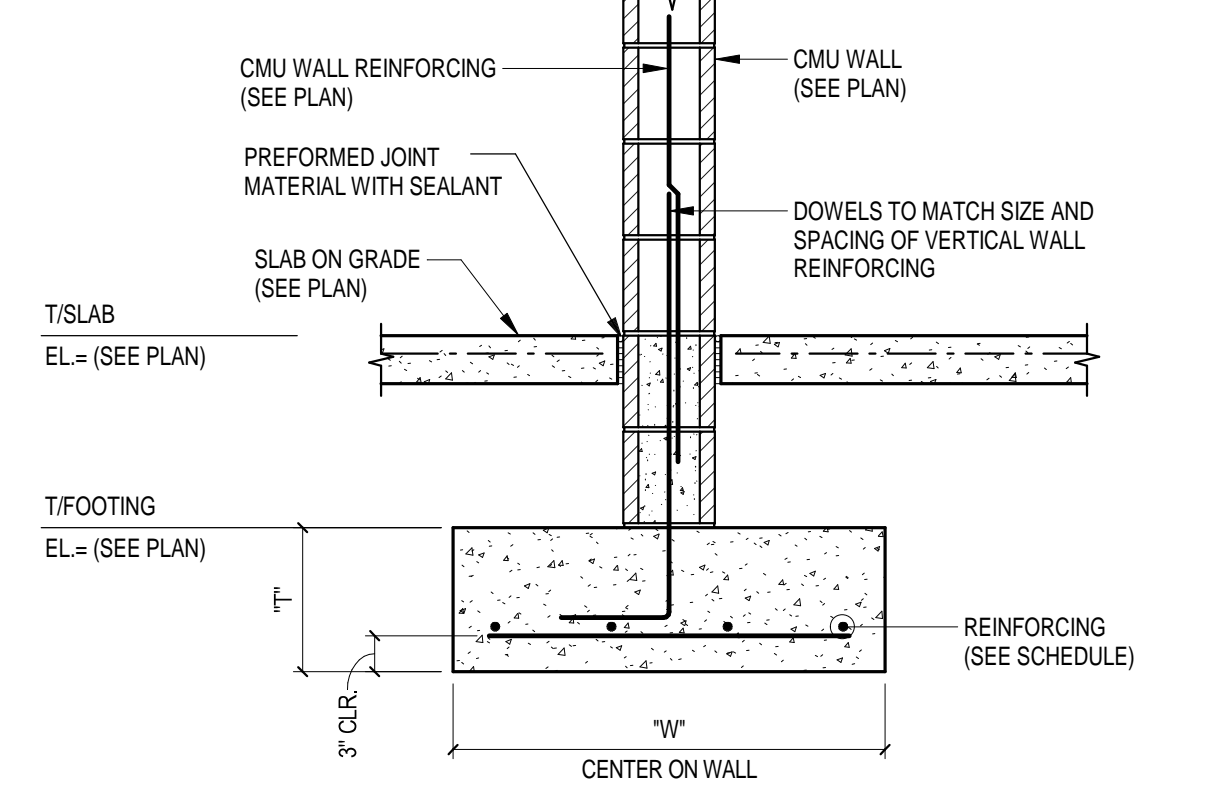


8 TYPICAL PIER DETAIL  
SCALE: 3/4" = 1'-0"



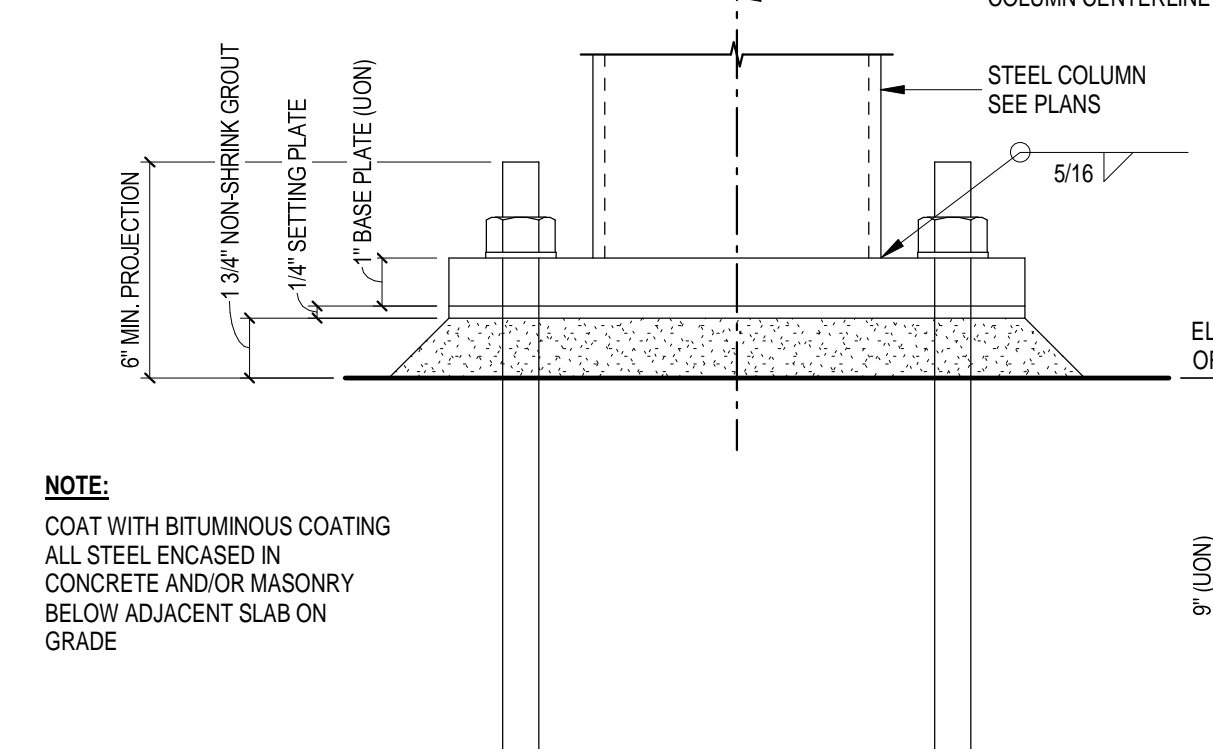
9 TYPICAL STEPPED FOOTING  
N.T.S.

INTERIOR WALL FOOTING SCHEDULE				
FTG MARK	DIMENSIONS		REINFORCING	
	"W"	"T"	LONGITUDINAL	TRANSVERSE
WF-2	2'-0"	1'-0"	(3) #5 BARS CONT.	#4 BARS AT 24" o.c.
WF-2.5	2'-6"	1'-0"	(4) #5 BARS CONT.	#4 BARS AT 24" o.c.
WF-3	3'-0"	1'-2"	(4) #5 BARS CONT.	#4 BARS AT 24" o.c.
WF-4	4'-0"	1'-4"	(5) #5 BARS CONT.	#5 BARS AT 24" o.c.

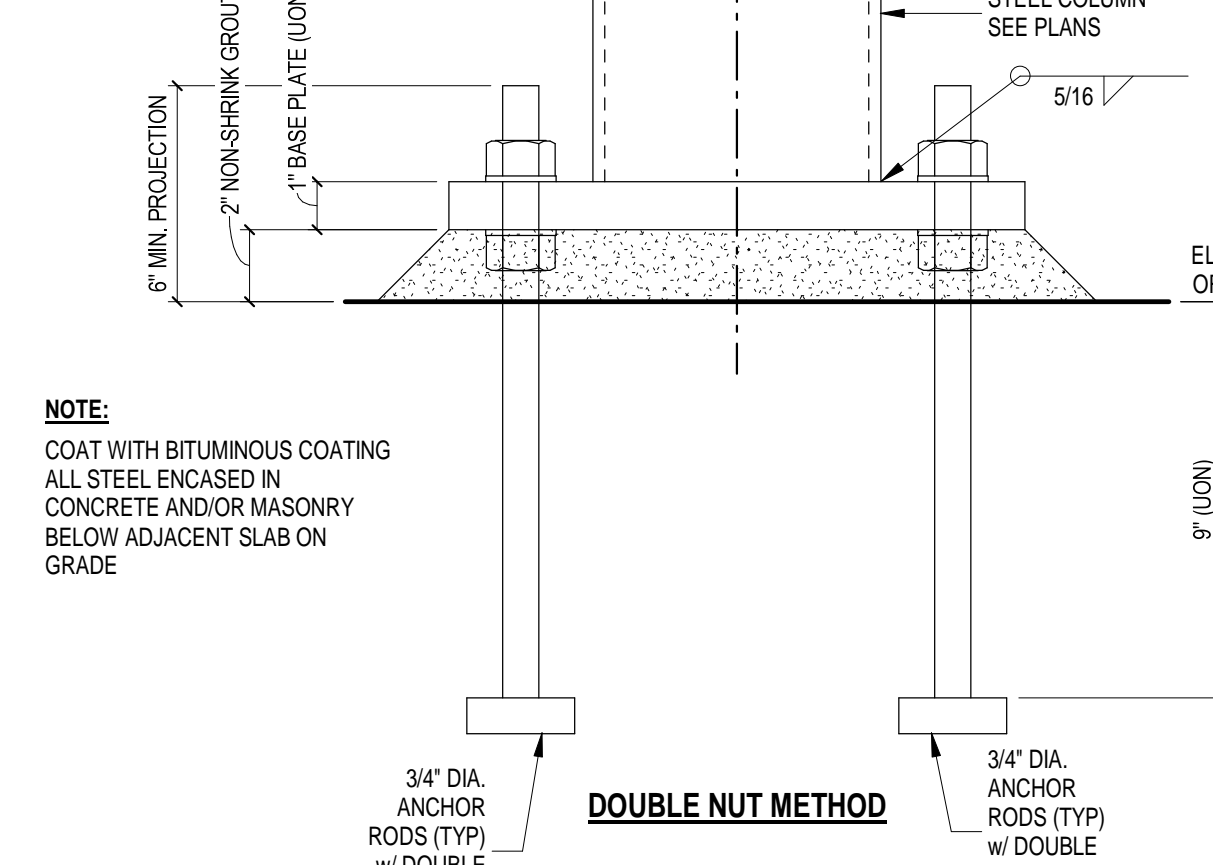


- NOTES:**
- PROVIDE PARTIAL HEIGHT STARTER COURSE AS REQUIRED.
  - MASONRY COURSING SHALL MATCH TOP OF SLAB ELEVATION UNLESS OTHERWISE NOTED.
  - FULLY GROUT ALL MASONRY CELLS BELOW THE TOP OF SLAB ELEVATION.

4 TYPICAL INTERIOR WALL FOOTING DETAIL  
SCALE: 3/4" = 1'-0"



5 TYPICAL STEEL COLUMN ANCHORAGE  
SCALE: 3" = 1'-0"



6 TYPICAL INTERIOR COLUMN FOOTING DETAIL  
SCALE: 3/4" = 1'-0"

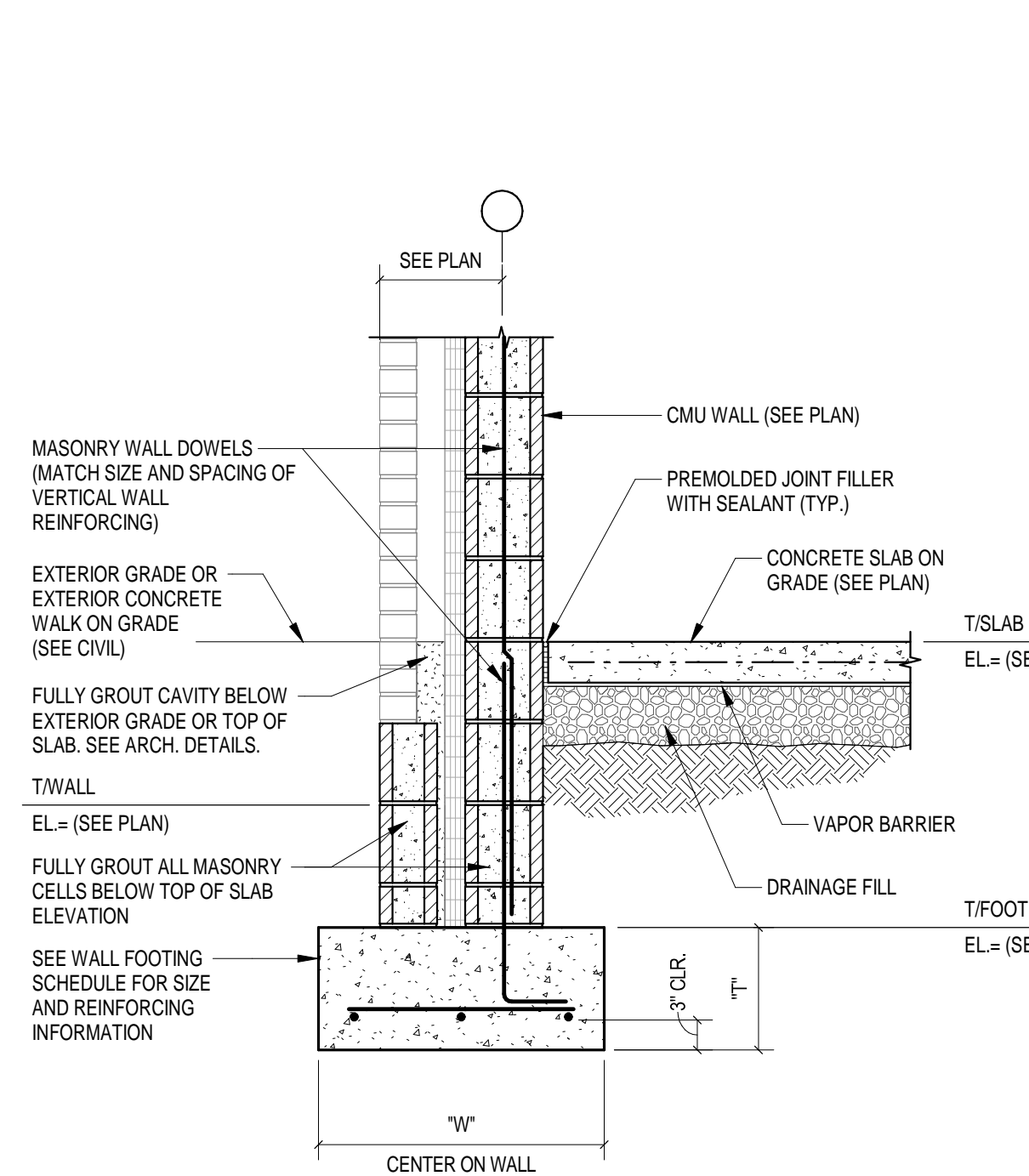
FOOTING SCHEDULE			
MARK	SIZE (L x W x H)	REINFORCING STEEL	REMARKS
F8	8'-0" x 8'-0" x 1'-0"	(9) #6 EACH WAY	-
F9	9'-0" x 9'-0" x 1'-6"	(10) #6 EACH WAY	-
F12	12'-0" x 12'-0" x 2'-0"	(11) #6 EACH WAY	-



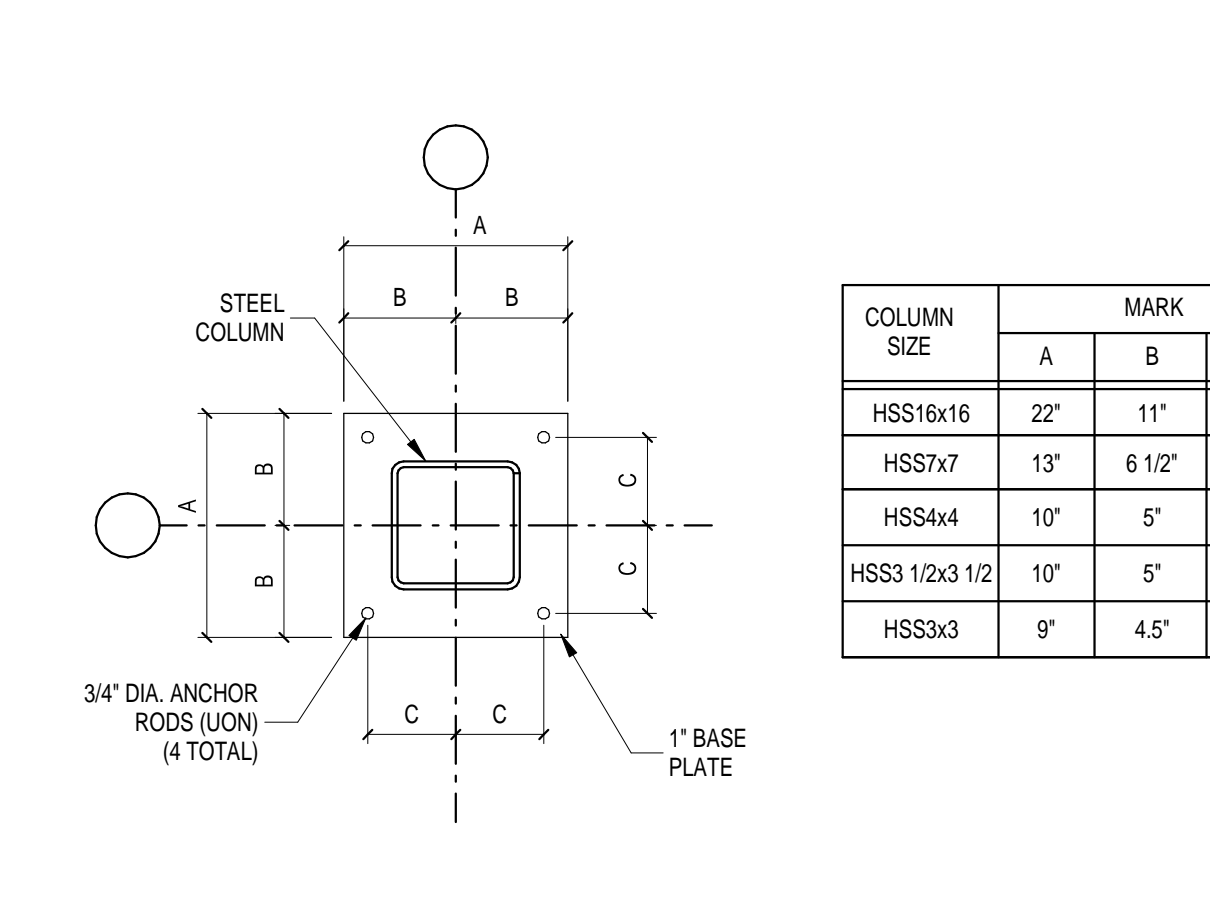
- FOUNDATION SCHEDULE NOTES:**
- ALL FOUNDATIONS SHALL BE CLASS 'B' CONCRETE.
  - SEE CONCRETE COLUMN AND/OR PIER SCHEDULES FOR DOWELS AT COLUMNS.
  - SEE TYPICAL SECTIONS FOR WALL REINFORCEMENT DOWELS.

1 FOUNDATION SCHEDULE  
N.T.S.

EXTERIOR WALL FOOTING SCHEDULE				
FTG MARK	DIMENSIONS		REINFORCING	
	"W"	"T"	LONGITUDINAL	TRANSVERSE
EW2	2'-0"	1'-0"	3-#5 CONT.	#4 AT 24" o.c.
EW2.5	2'-6"	1'-0"	4-#5 CONT.	#4 AT 24" o.c.
EW3	3'-0"	1'-2"	4-#5 CONT.	#4 AT 24" o.c.
EW3.5	3'-6"	1'-2"	4-#6 CONT.	#5 AT 24" o.c.
EW4	4'-0"	1'-4"	5-#6 CONT.	#5 AT 24" o.c.



2 TYPICAL EXTERIOR WALL FOOTING DETAIL  
N.T.S.



3 TYPICAL BASE PLATE  
SCALE: 1" = 1'-0"

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# 222154.00 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

CARMEL CLAY SCHOOLS  
5201 E. Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

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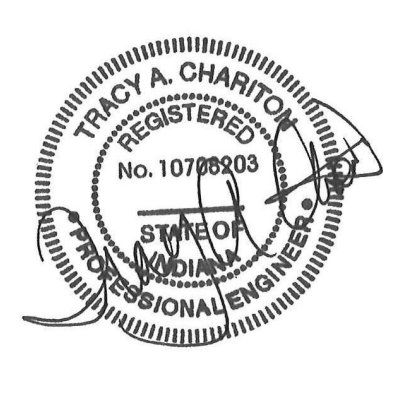
317-848-0966 WWW.FHAI.COM

CONSULTANT



TLF, INC.  
3901 West 86th Street, Suite 200  
Indianapolis, Indiana 46268  
Phone: 317-334-1500  
Fax: 317-334-1552  
TLF Job No: 2003-294

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PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

FOUNDATION DETAILS

# S3.01

# 222154.00 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
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CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E Main Street, Carmel, IN 46033  
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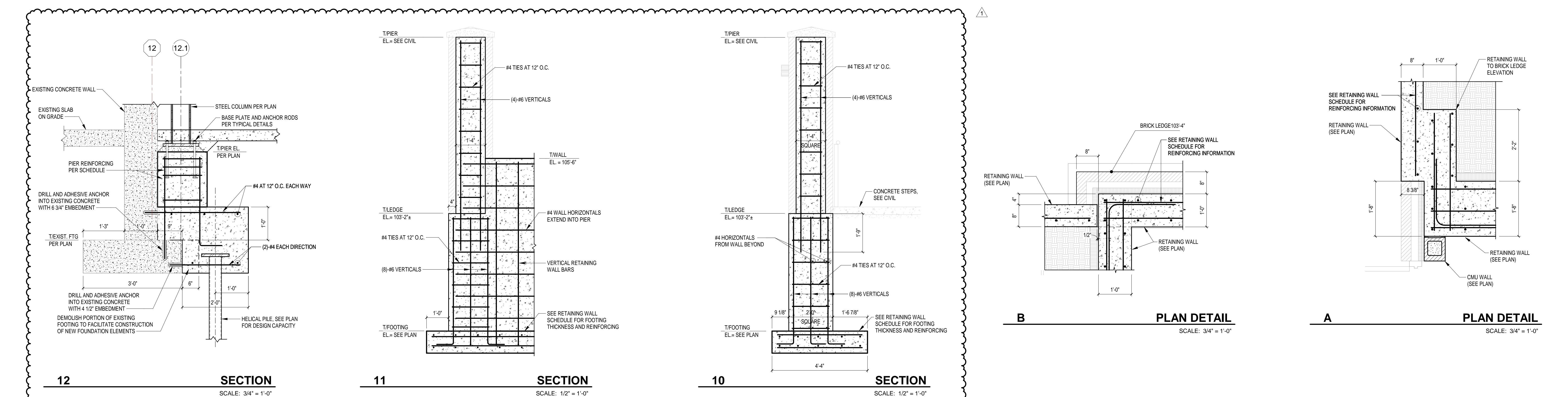
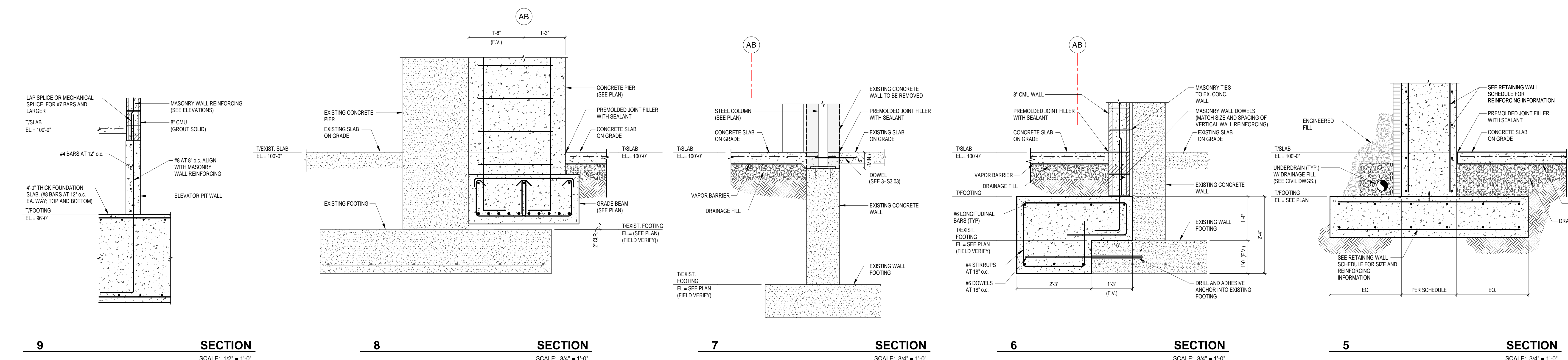
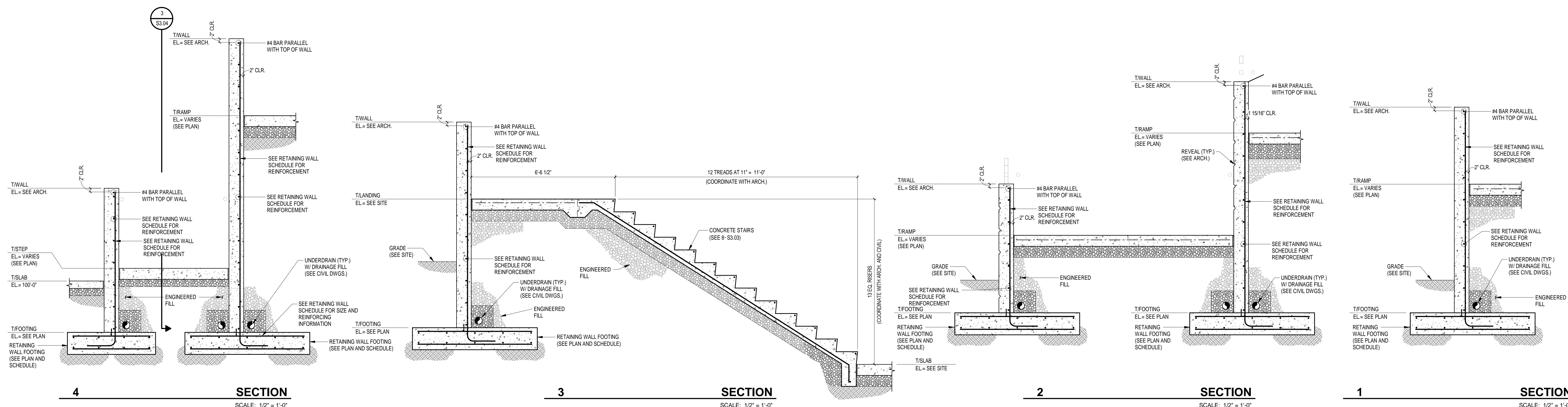
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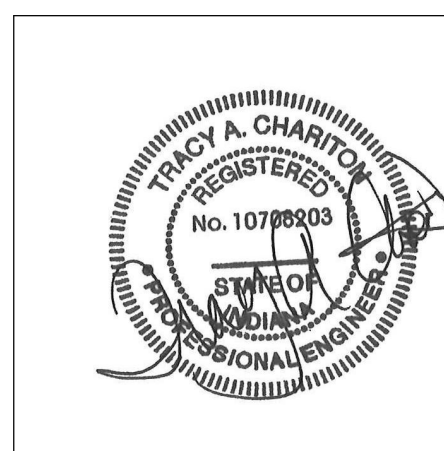
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REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

SECTIONS AND DETAILS

# S3.04

**222154.00  
CARMEL STADIUM  
GRAND STAND  
RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

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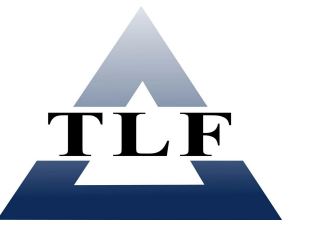
ARCHITECT



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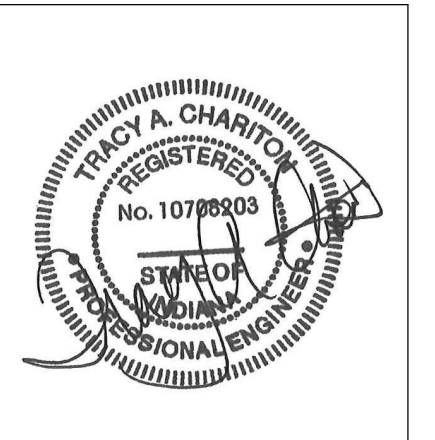
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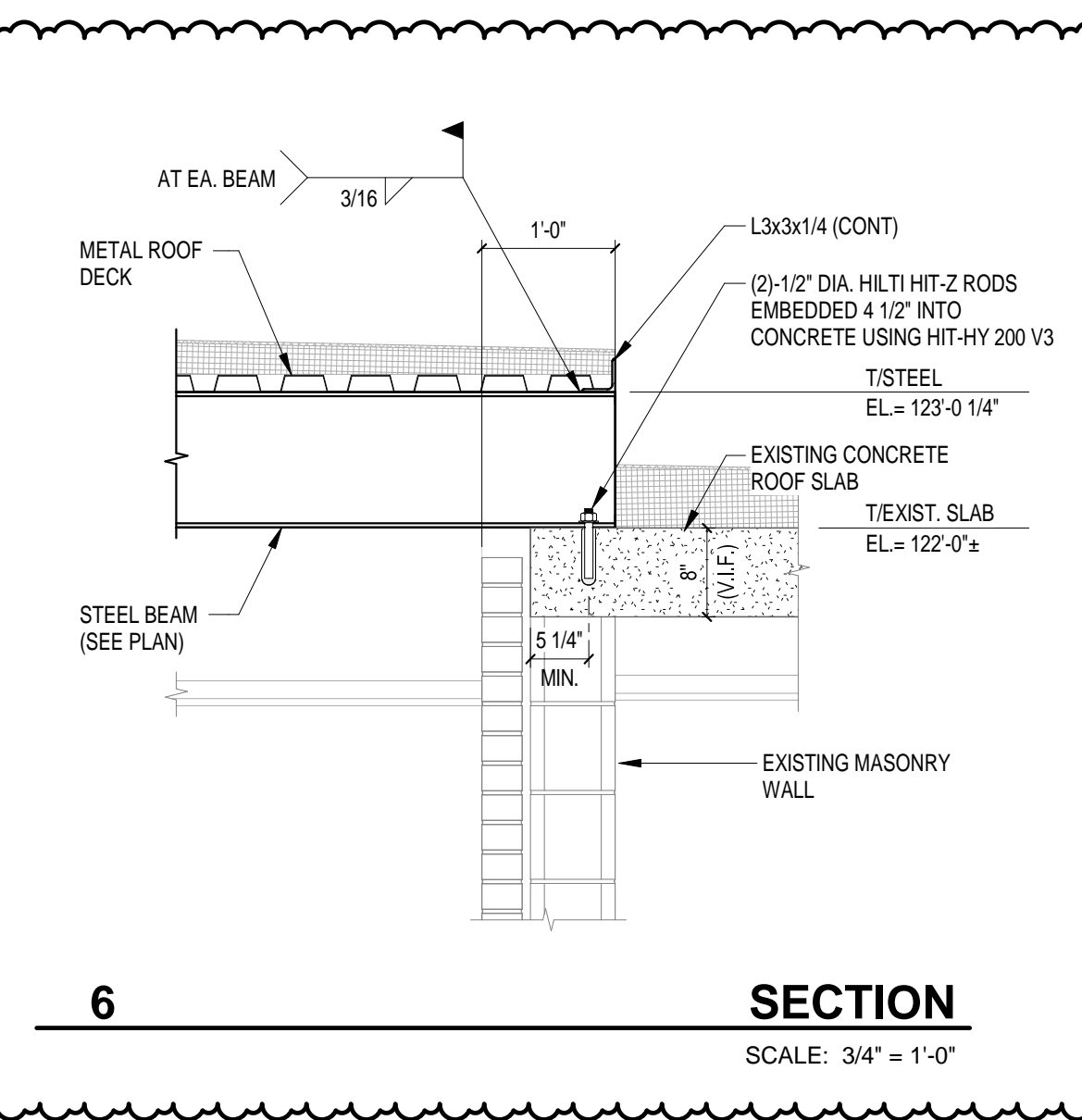
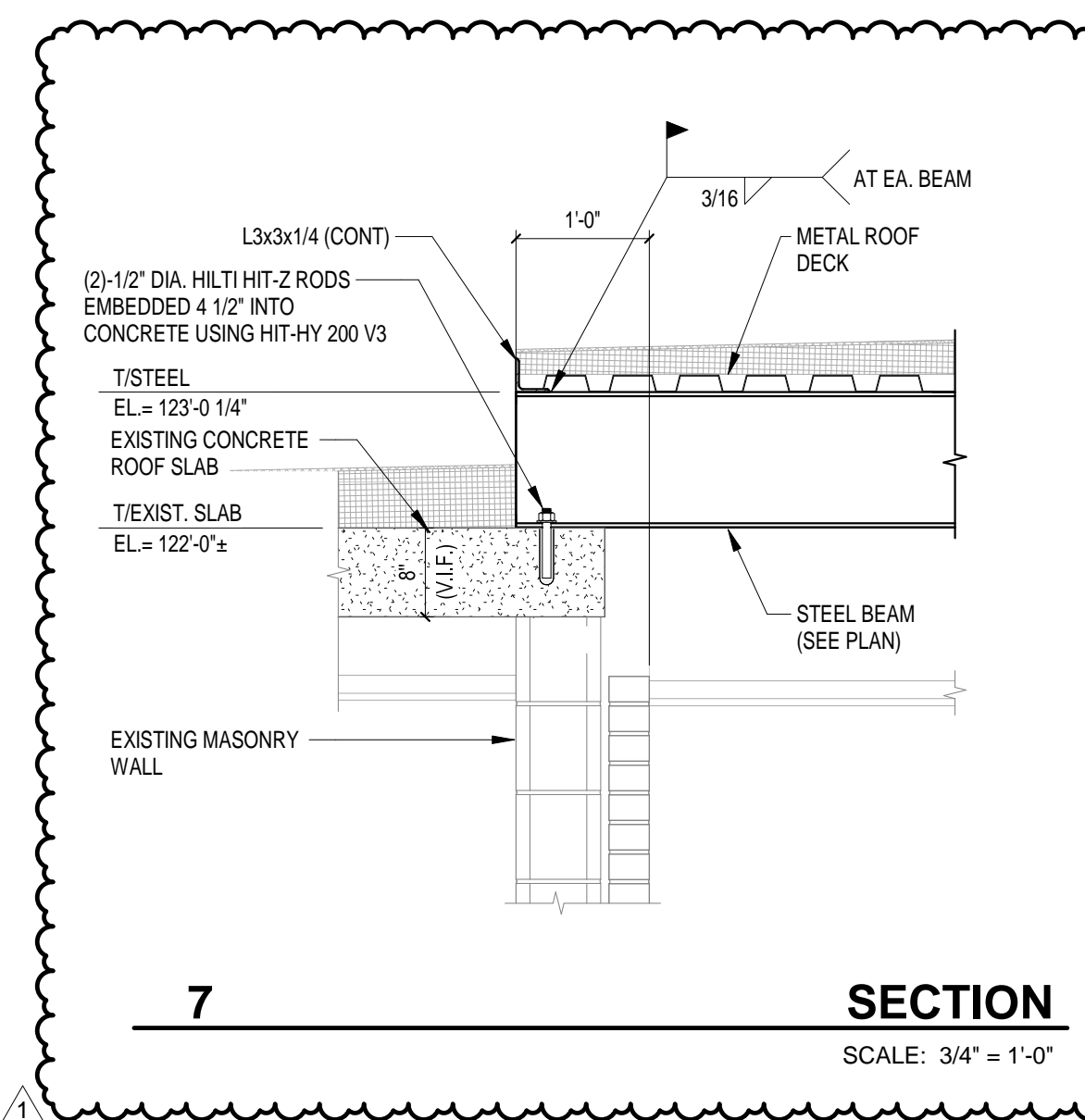
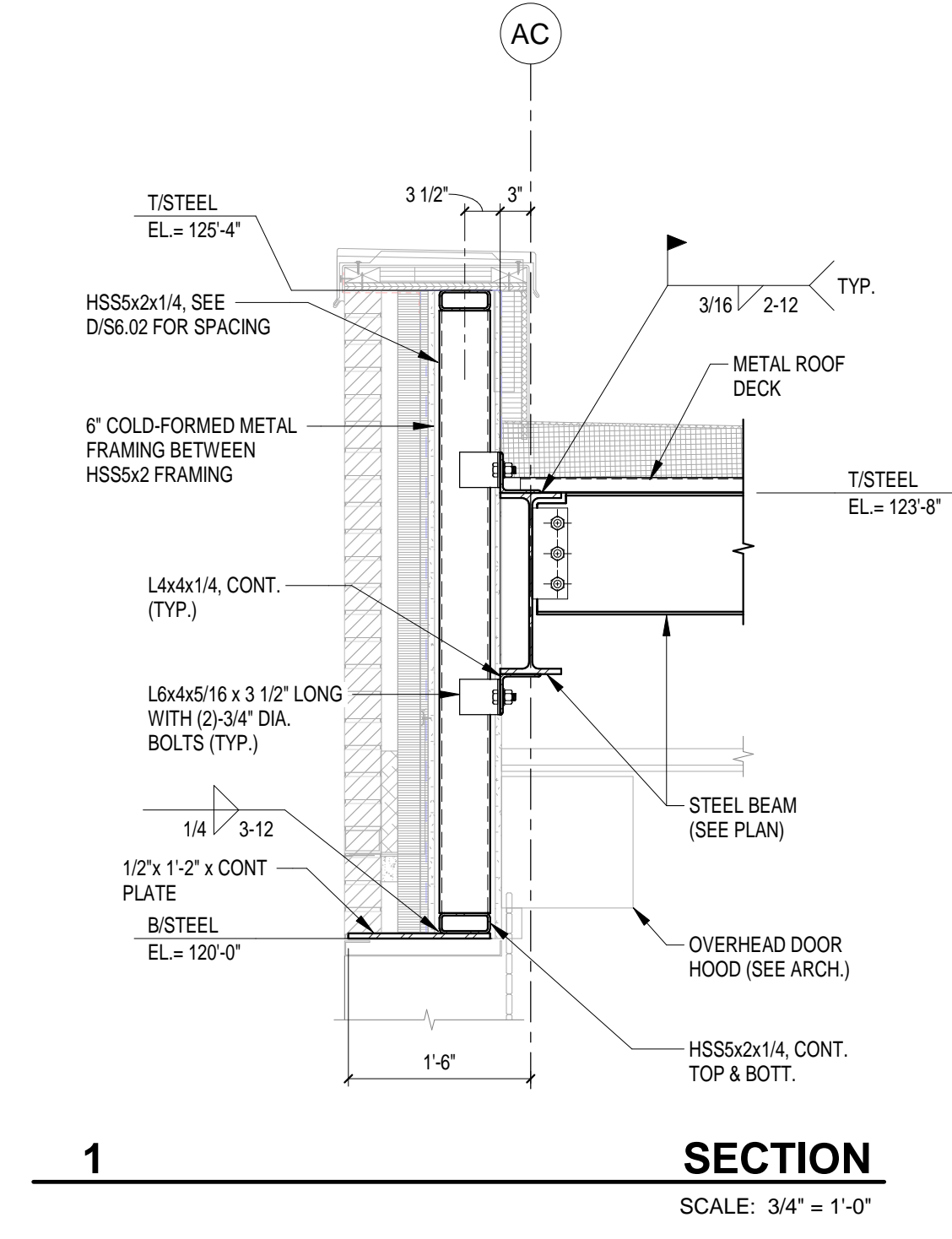
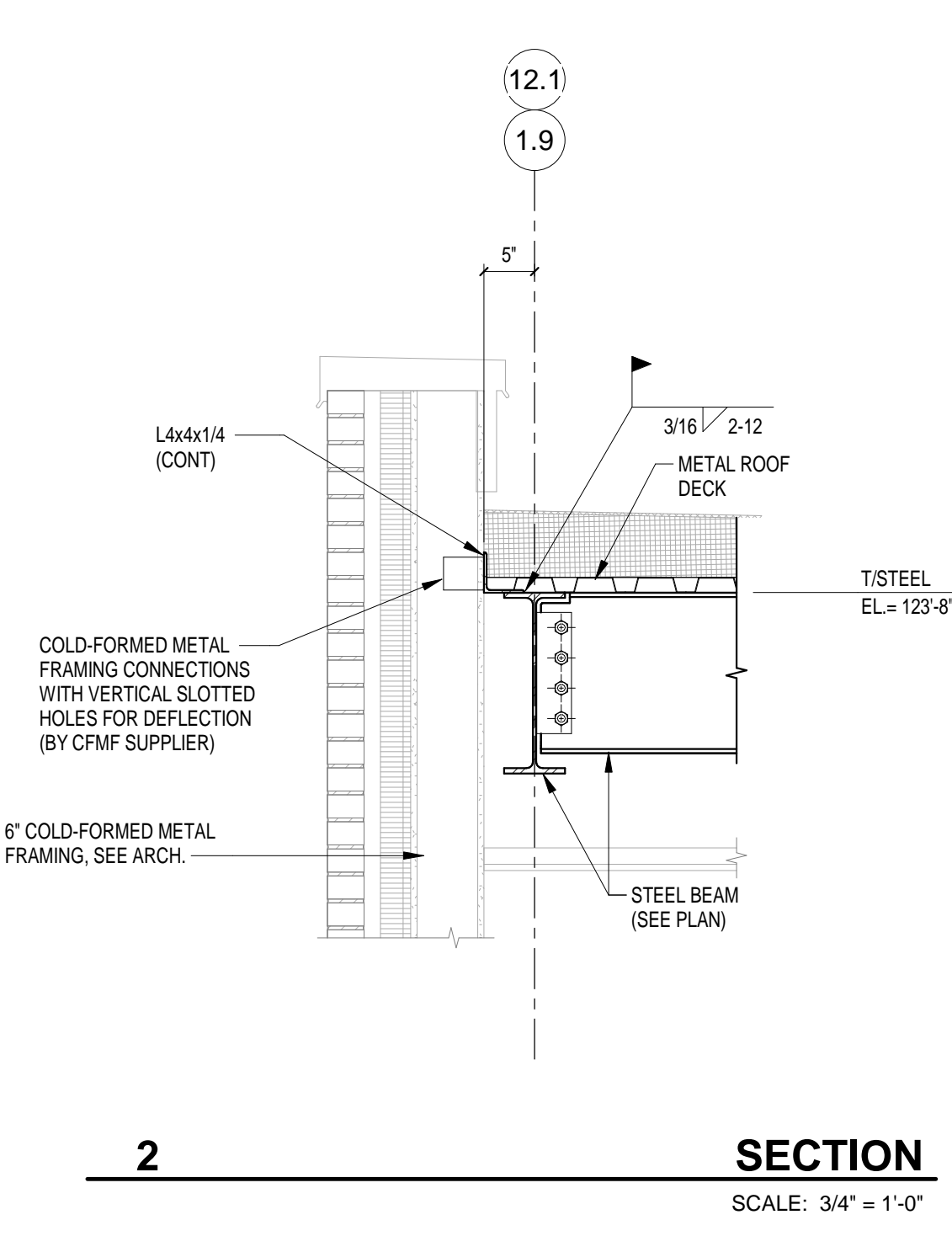
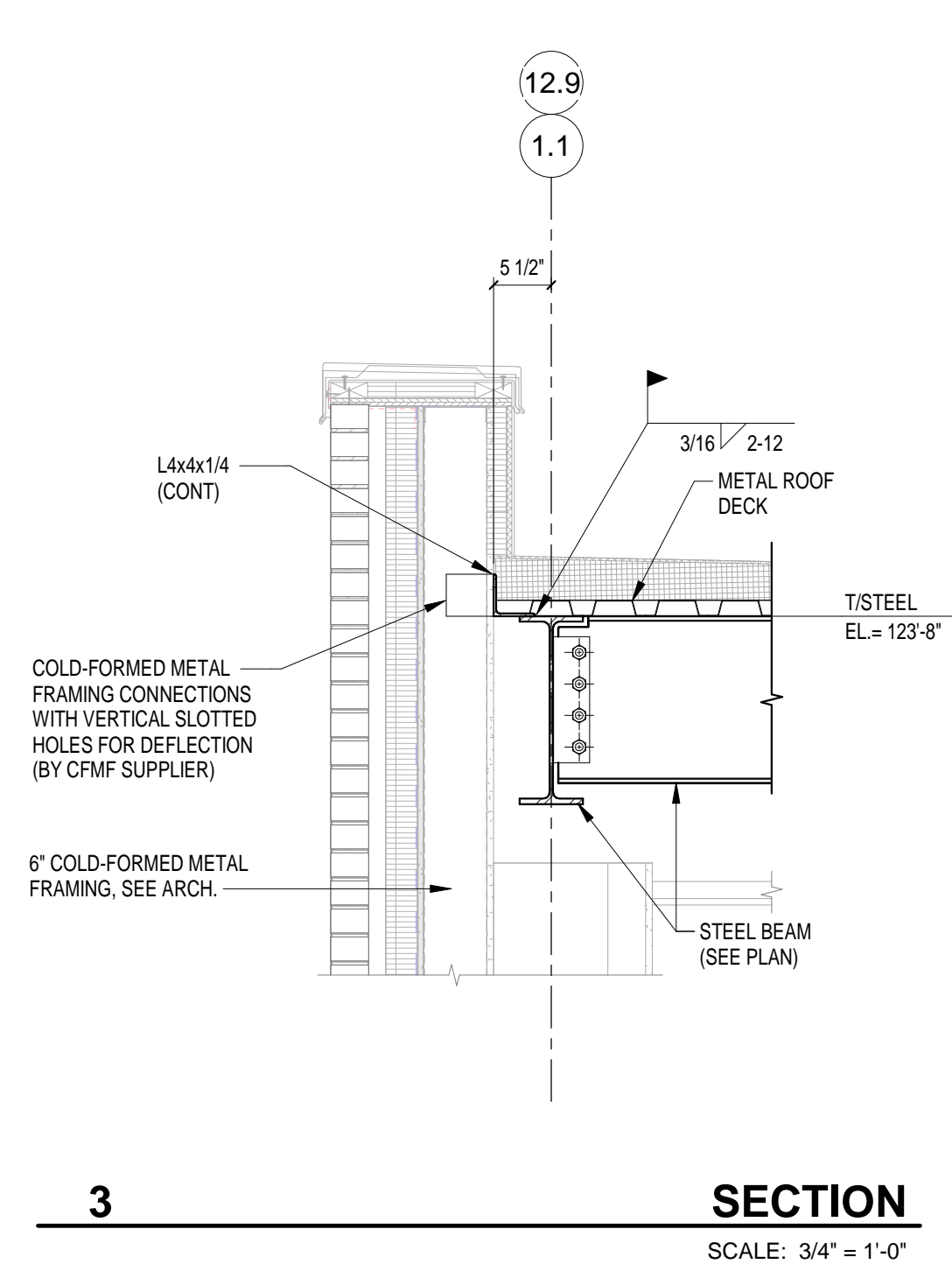
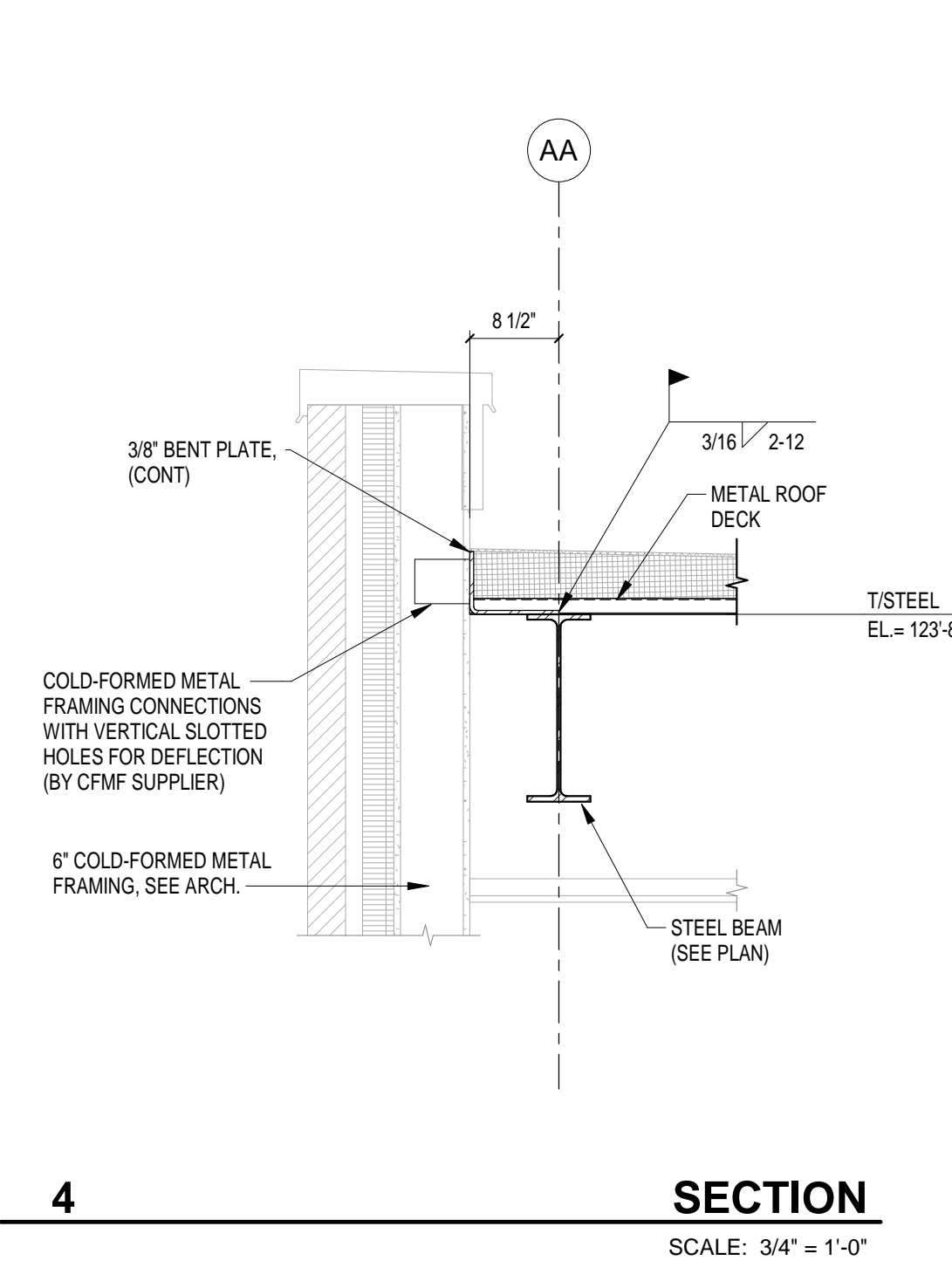
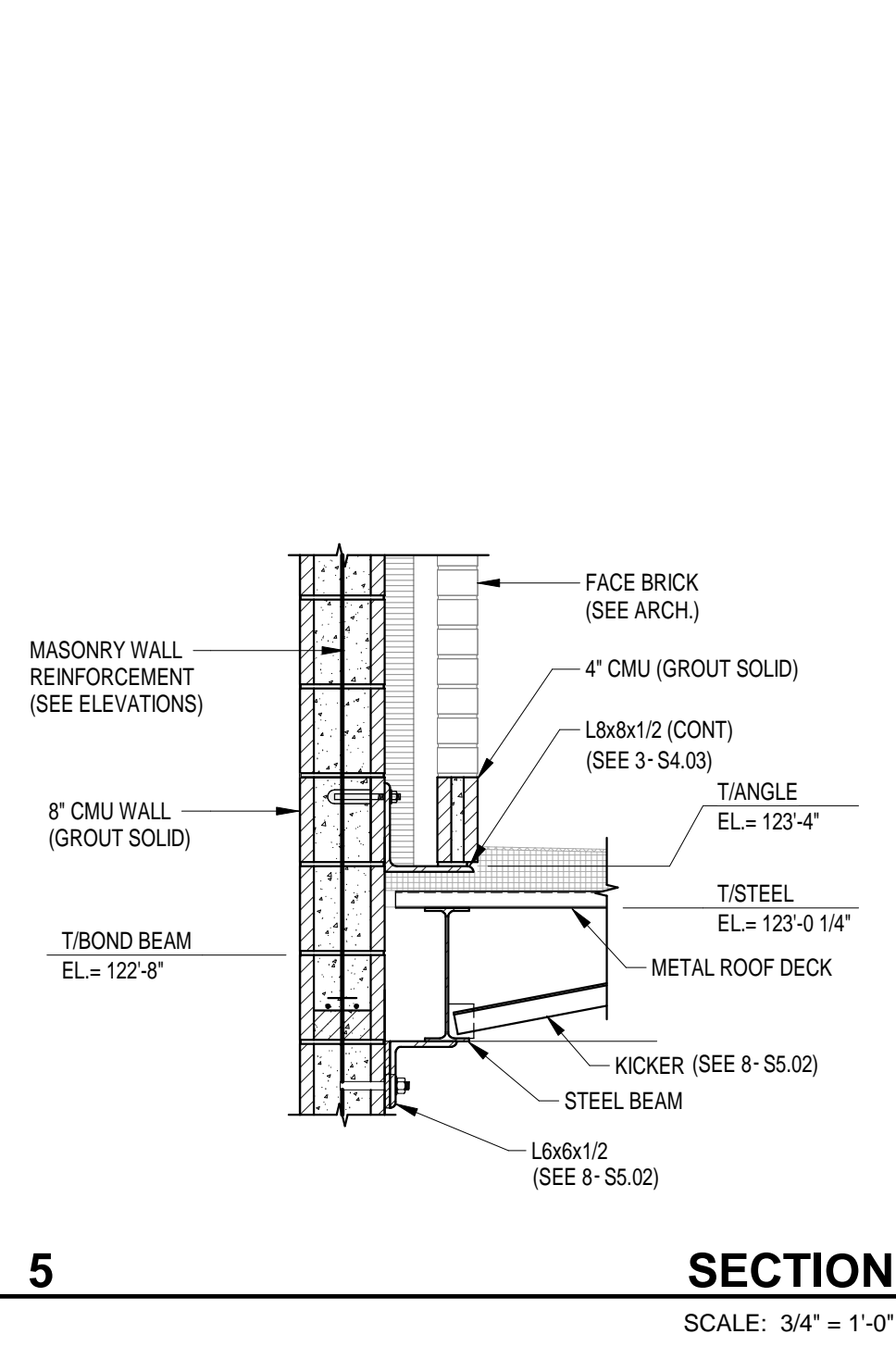
PROJECT NUMBER: 222154.00

PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

SECTIONS AND DETAILS

**S5.05**



### 222154.00 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
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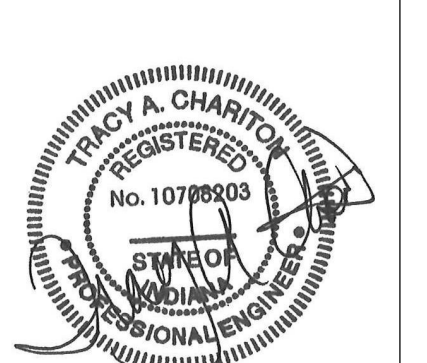
CONSULTANT



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Indianapolis, Indiana 46268  
Phone: 317-334-1500  
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TLF Job No: 2003-234

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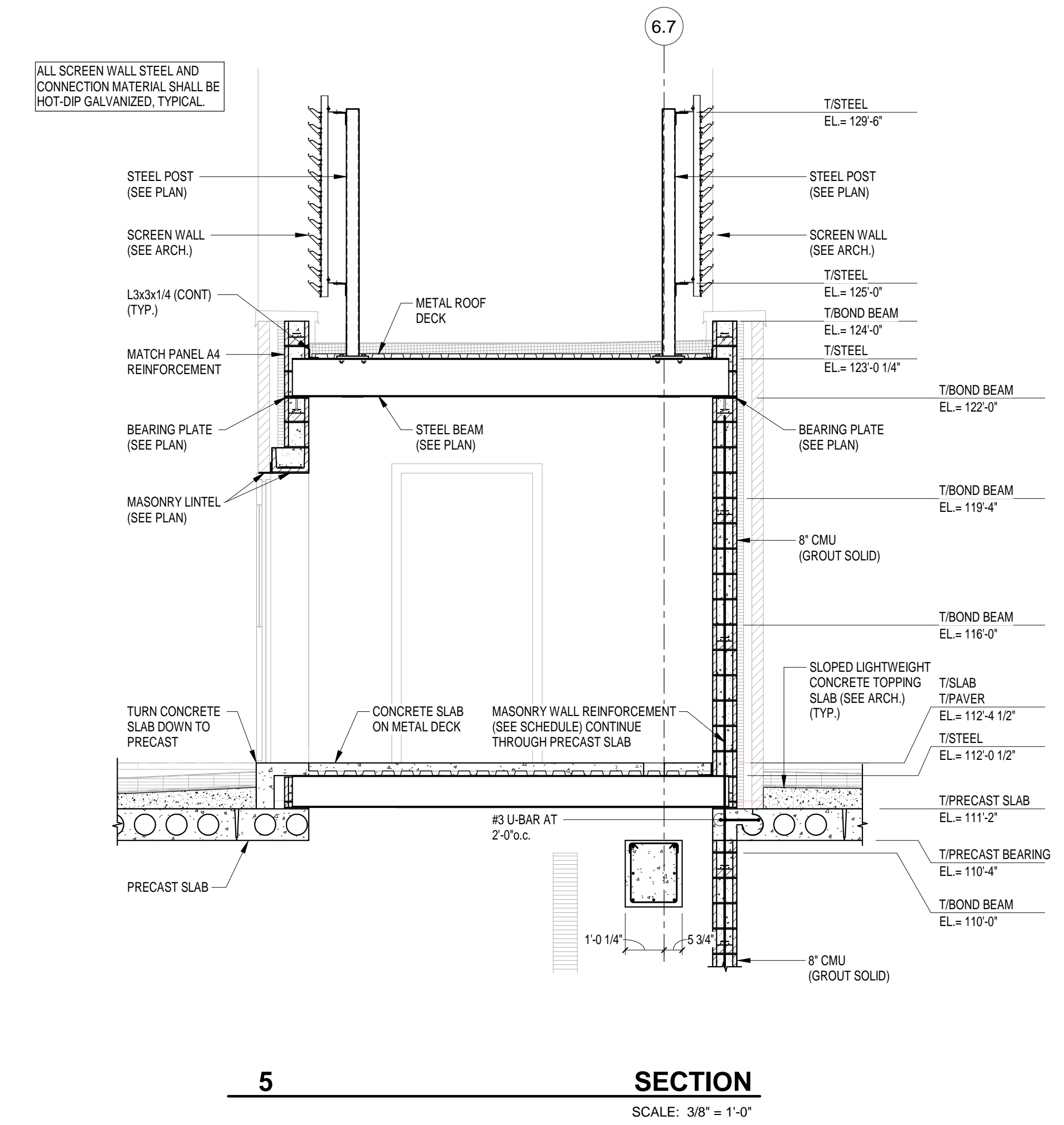
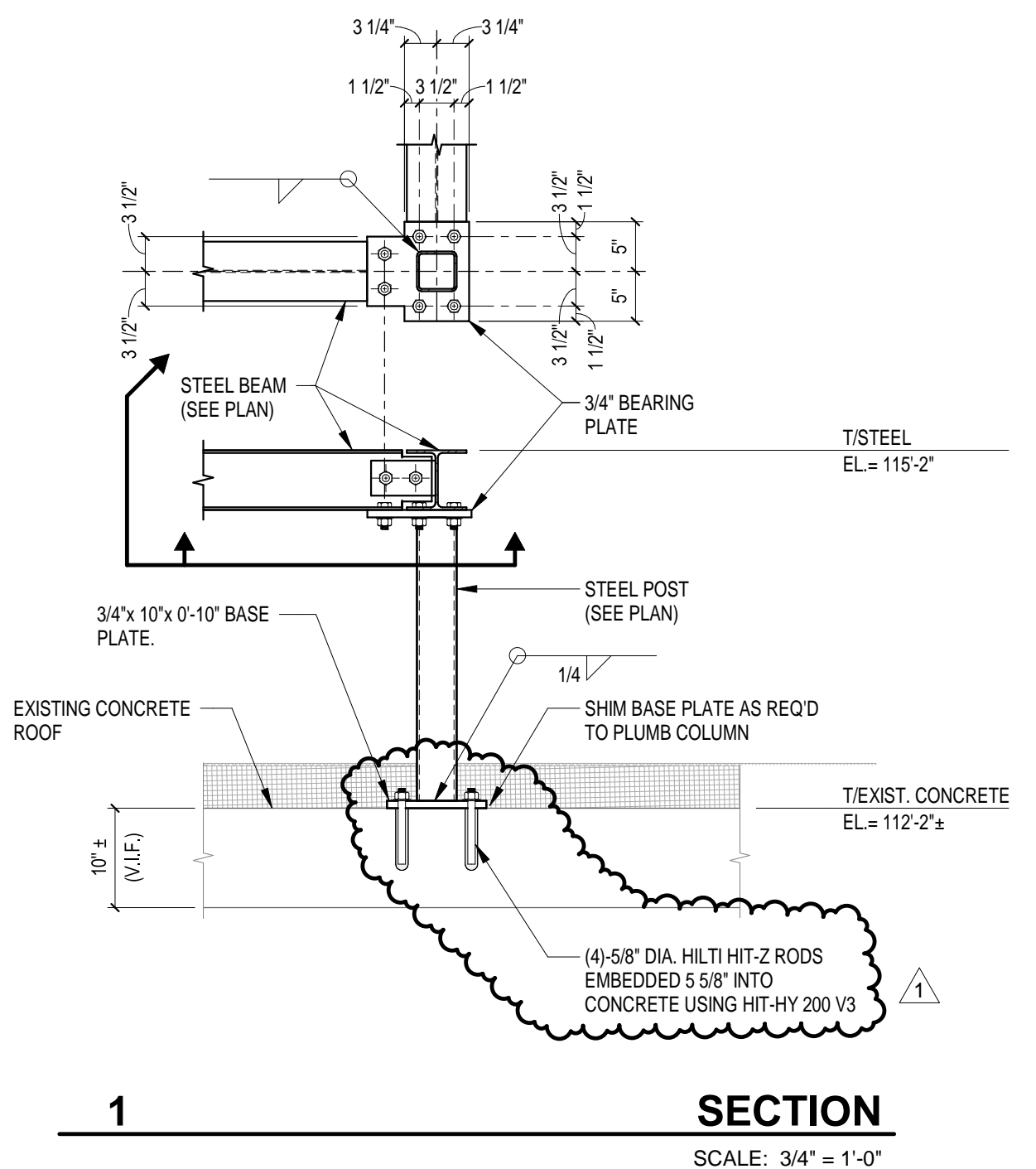
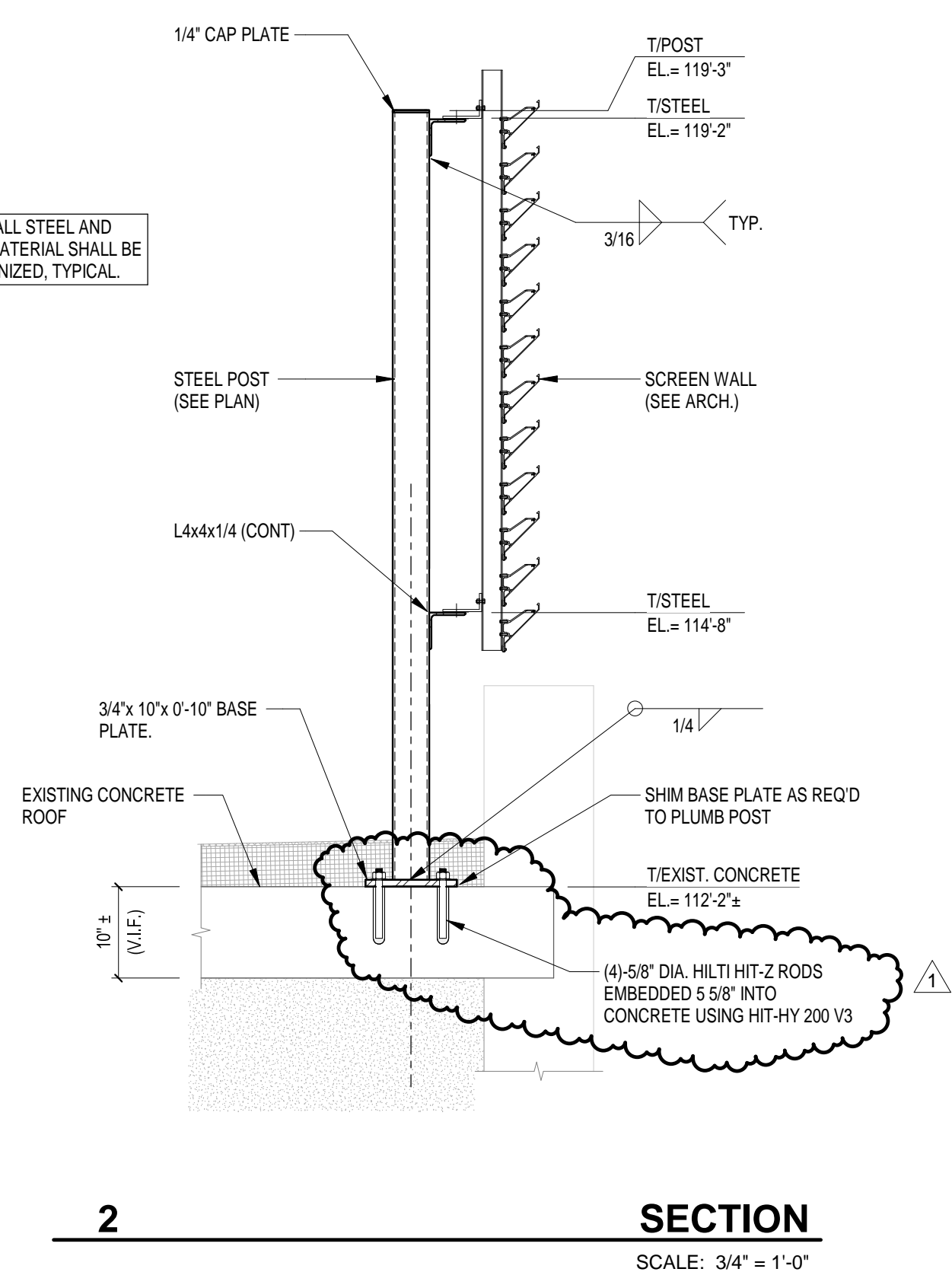
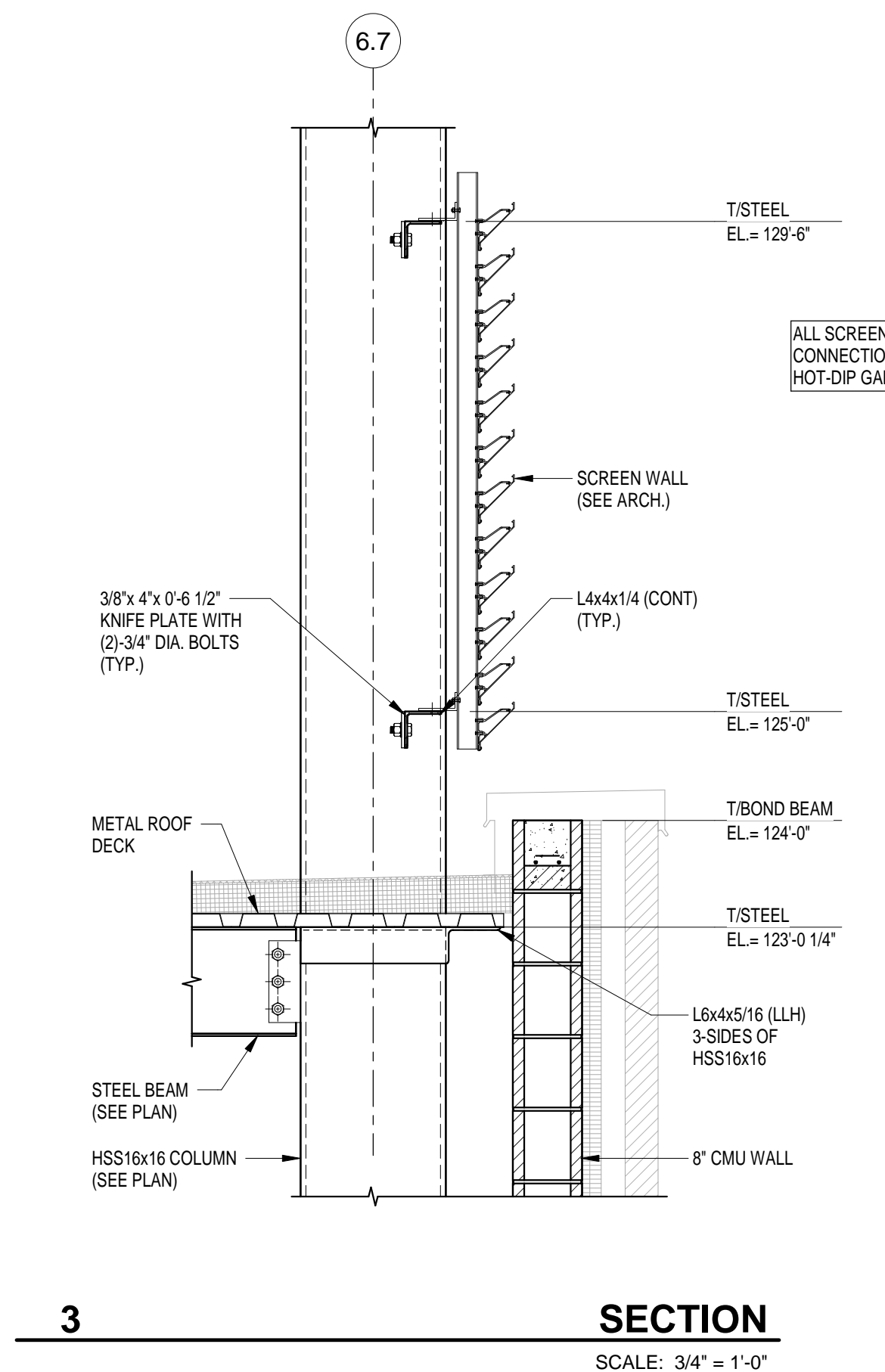
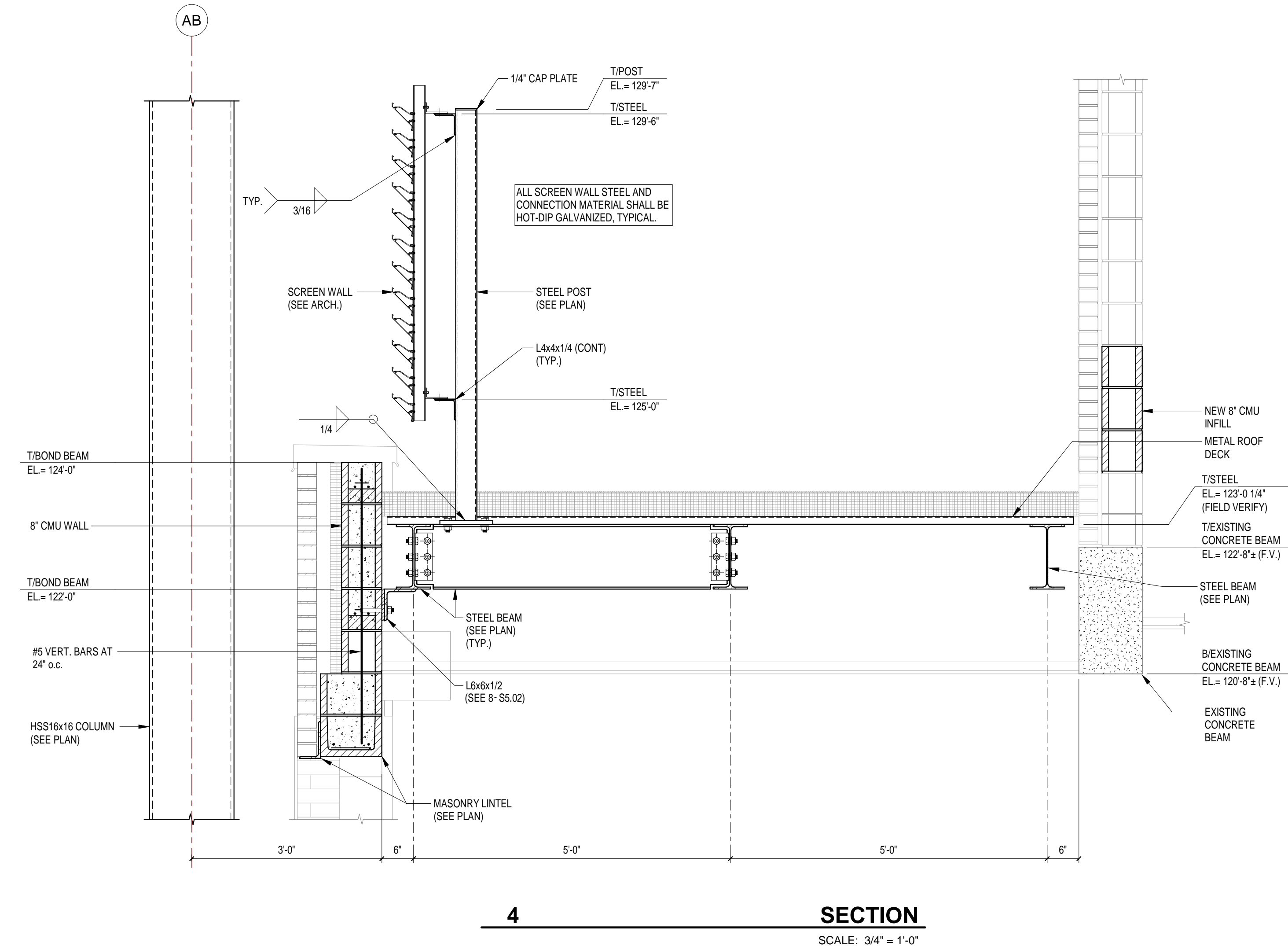


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PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	08.23.2024

SECTIONS AND DETAILS

# S5.10



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# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

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2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

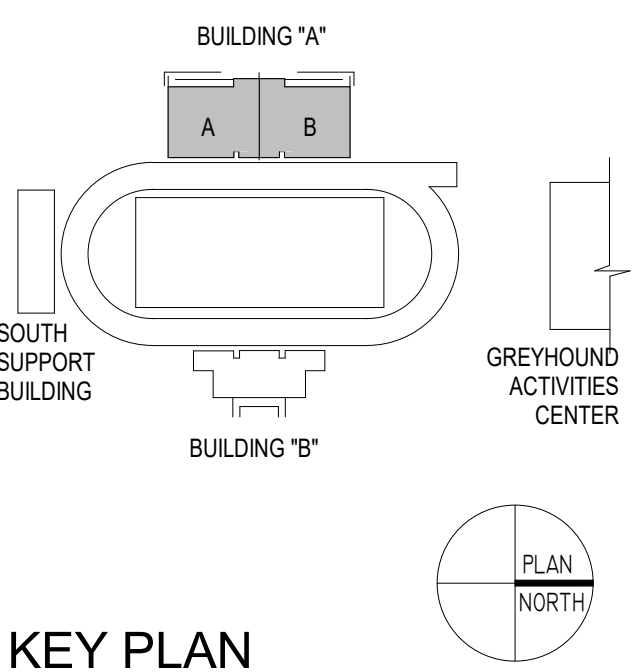
5201 E. Main Street, Carmel, IN 46033  
317-844-9961



### ARCHITECT

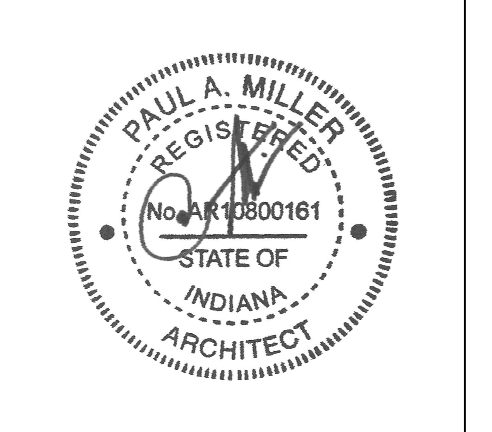


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### KEY PLAN

### 100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: TPV / CJK  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

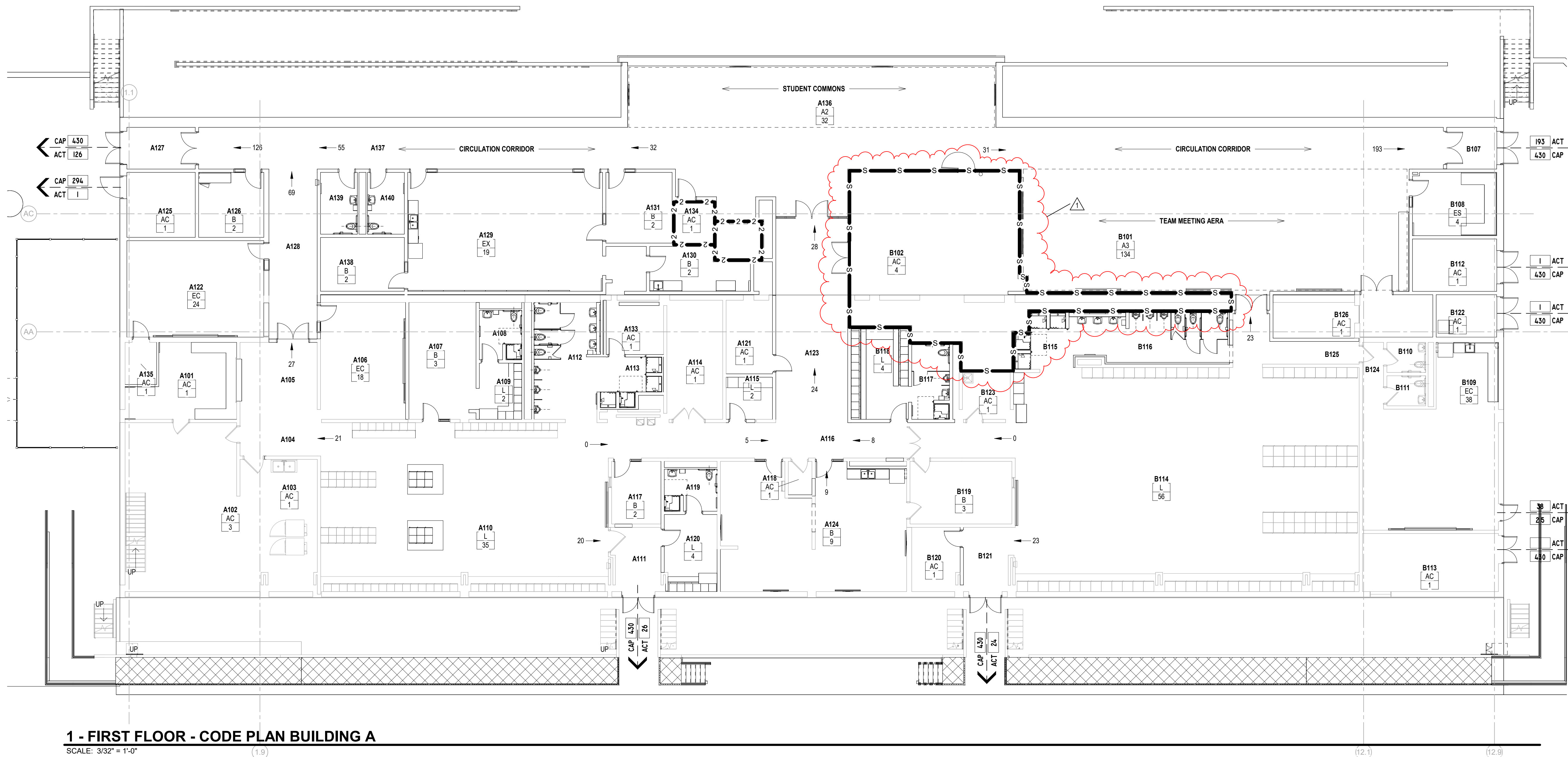
### FIRST FLOOR CODE PLAN BUILDING A

# A0.01

### BUILDING CODE INFORMATION

- BUILDING DESCRIPTION:** EDUCATIONAL USED BY 9-12 SCHOOL
  - APPLICABLE CODE:**
    - 2012 INTERNATIONAL BUILDING CODE - INDIANA BUILDING CODE, 2014 EDITION (IFS IAC 13-2.6)
    - 2012 INTERNATIONAL FIRE CODE - INDIANA FIRE CODE, 2014 EDITION (IFS IAC 2-2)
    - 2012 INTERNATIONAL MECHANICAL CODE - INDIANA MECHANICAL CODE, 2014 EDITION (IFS IAC 18-1.1)
    - 2012 INTERNATIONAL PLUMBING CODE - INDIANA PLUMBING CODE, 2012 EDITION (IFS IAC 16-1.4)
    - 2012 INTERNATIONAL ELECTRICAL CODE - INDIANA ELECTRICAL CODE, 2009 EDITION (NFPA 70-2009) (IFS IAC 17-1.8)
    - INDIANA ENERGY CONSERVATION CODE 2010 (ASHRAE 90.1, 2007 AMENDED) (IFS IAC 15-4)
    - 2010 ADA STANDARDS FOR ACCESSIBLE DESIGN
  - BUILDING AREA AND HEIGHT:**
    - A. OCCUPANCY USE GROUP:**
      - A2. COMMONS
      - A3. MEETING AREA
      - A5. GRANDSTAND
      - B. ADMINISTRATION
      - E. NON SEPARATED USES (302.1)
    - B. CONSTRUCTION TYPE:** 11B (601)
    - C. AREA LIMITATION:**

	NEW	RENOVATION
FIRST FLOOR	24751 SF	10106 14645
SECOND FLOOR / CONCOURSE	6702 SF	1596 5106
PRESS BOX LEVEL 1 (NEW)	2334 SF	2334 0
PRESS BOX LEVEL 2 (NEW)	2942 SF	2942 0
    - D. HEIGHT LIMITATION:**
      - 4 STORY, 55'-0" (TABLE 503)
      - 1. HEIGHT MODIFICATIONS: 5 STORY, 75'-0" (504.2)
      - 2. ACTUAL HEIGHT: 4 STORY, 72'-0"
  - USE AND OCCUPANCY CLASSIFICATION INDIANA BUILDING CODE CHAPTER 8:**
    - E - EDUCATION, B - BUSINESS, A2/A3 - ASSEMBLY, A4 - ASSEMBLY
- INCIDENTAL USE AREAS INDIANA BUILDING CODE SECTION AND TABLE 508.2
- SMOKE PARTITION & AUTO SPRINKLER SYSTEM
- ACCESSORY USE AREAS INDIANA BUILDING CODE SECTION 508.3.1
- ACCESSORY OCCUPANCIES ARE THOSE OCCUPANCIES SUBSIDIARY TO THE MAIN OCCUPANCY OF THE BUILDING OR PORTION THEREOF. AGGREGATE ACCESSORY OCCUPANCIES SHALL NOT OCCUPY MORE THAN 10% OF THE AREA OF THE STORY IN TABLE 503 WITHOUT HEIGHT AND AREA INCREASES IN ACCORDANCE WITH SECTIONS 504 AND 506 FOR SUCH ACCESSORY OCCUPANCIES (2012 INTERNATIONAL BUILDING CODE)
- AREA LIMITATION INDIANA BUILDING CODE SECTION 503
- TYPE OF CONSTRUCTION INDIANA BUILDING CODE CHAPTER 6 (SEE TABLE):** TYPE 11B
  - FIRE SEPARATION DISTANCES INDIANA BUILDING CODE TABLE 602:** REFER TO THE SITE PLAN DRAWINGS FOR LOCATION OF BUILDING(S) ON SITE; DISTANCES TO CLOSEST INTERIOR LOT LINES, TO THE CENTER OF A STREET, ALLEY OR PUBLIC WAY, OR TO AN IMAGINARY LINE BETWEEN TWO BUILDINGS ON THE SAME LOT.
  - FIRE RESISTANCE RATED CONSTRUCTION INDIANA BUILDING CODE CHAPTER 7:** REFER TO THE CODE PLANS FOR MAXIMUM AREAS OF EXTERIOR OPENINGS BASED ON THE FIRE SEPARATION DISTANCES.
  - PENETRATIONS THROUGH FIRE-RESISTANCE RATED ASSEMBLIES:** SHALL BE PROVIDED WITH PROJECT MANUAL.
  - CEILING AND FLOOR OPENINGS THROUGH NON-FIRE-RESISTANCE RATED ASSEMBLIES:** SHALL BE PROVIDED WITH FIRESTOPPING PER PROJECT MANUAL.
  - INTERIOR FINISHES TO COMPLY WITH INDIANA BUILDING CODE CHAPTER 8**
  - FIRE PROTECTION SYSTEMS INDIANA BUILDING CODE CHAPTER 9:** THE ENTIRE BUILDING, INCLUDING PRESSBOX SHALL BE PROVIDED WITH AN AUTOMATIC SPRINKLER SYSTEM. REFER TO FIRE PROTECTION DRAWINGS.
  - MEANS OF EGRESS INDIANA BUILDING CODE CHAPTER 10:** THE MEANS OF EGRESS REQUIREMENTS SHALL BE DETERMINED BY THE ACTUAL OR COMPUTED NUMBER OF OCCUPANTS WHICH EVER IS THE LARGEST NUMBER. REFER TO THE CODE PLANS FOR ROOM OCCUPANT LOADS. AREAS OR ROOMS WITH 50 OR MORE OCCUPANTS SHALL BE PROVIDED WITH TWO OR MORE MEANS OF EGRESS. 500 OR MORE OCCUPANTS SHALL BE PROVIDED WITH THREE OR MORE MEANS OF EGRESS. AND 1000 OR MORE OCCUPANTS SHALL BE PROVIDED WITH FOUR OR MORE MEANS OF EGRESS.
  - STRUCTURAL DESIGN LOADS:** REFER TO STRUCTURAL DRAWINGS FOR CODE REQUIREMENTS
- STADIUM BUILDING DESIGNED FOR: 200 STUDENTS AND 30 STAFF**
- AC - OCCUPANCY CLASS ABBREVIATION  
45 - CALCULATED MAXIMUM OCCUPANT LOAD  
STADIUM SEATING: SEE A0.03 FOR CAPACITY



**1 - FIRST FLOOR - CODE PLAN BUILDING A**

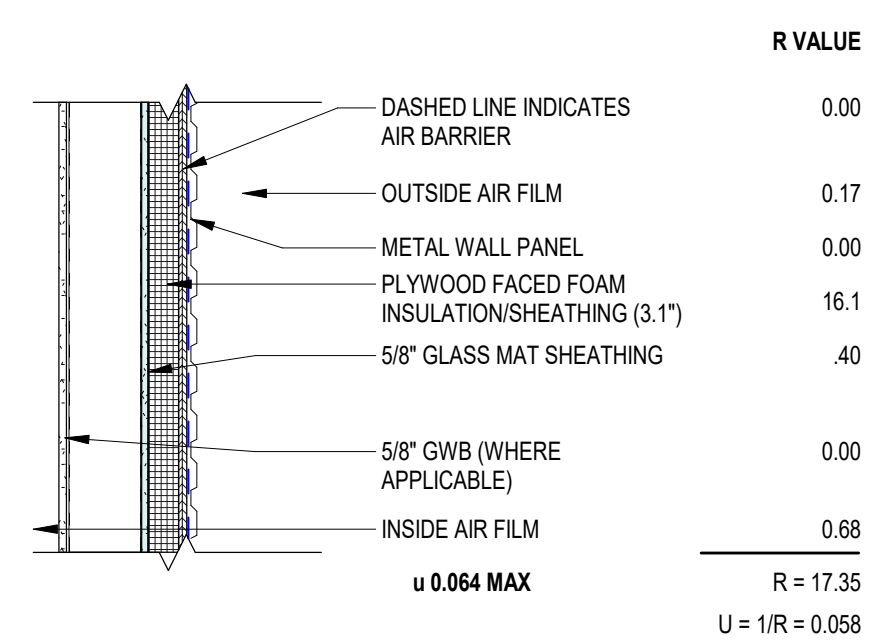
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### ROOM LEGEND - FIRST FLOOR - UNIT A

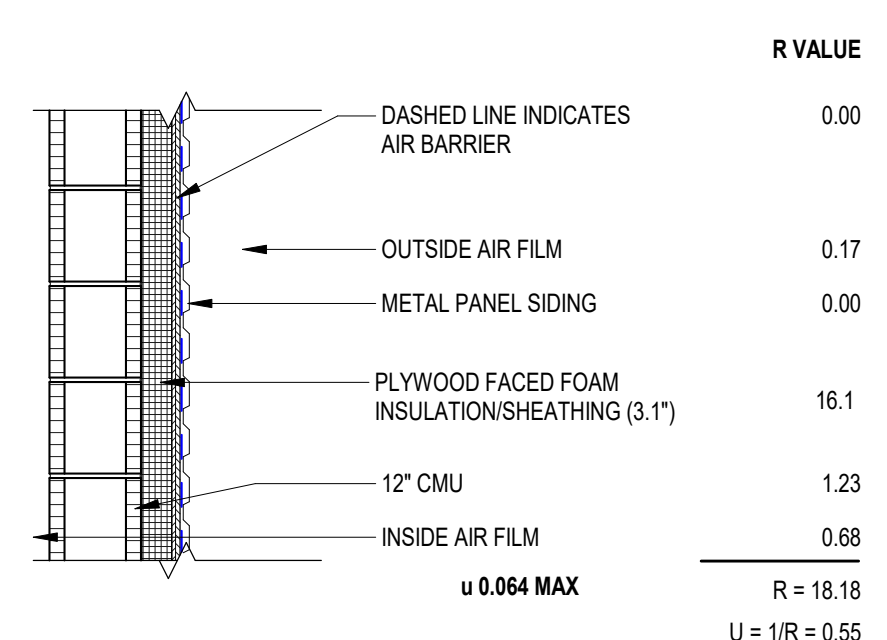
ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	256 SF
A102	EQUIPMENT	806 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	76 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	358 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKERS	88 SF
A110	LOCKER ROOM	1749 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	96 SF
A114	ELECTRICAL	236 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	528 SF
A117	OFFICE	111 SF
A118	STORAGE	29 SF
A119	WOMEN	78 SF
A120	WOMEN'S OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR HALLWAY	528 SF
A124	COACHES	893 SF
A125	FIRE PUMP	160 SF
A126	WOMEN'S OFFICIALS/MANAGERS	153 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	296 SF
A129	TRAINING	895 SF
A130	CLINIC	142 SF
A131	RECOVERY	163 SF
A133	STORAGE	102 SF
A134	ELEV. EQPT	59 SF
A135	IT/DATA CLOSET	48 SF
A136	STUDENT COMMONS	796 SF
A137	HALLWAY	1507 SF
A138	OFFICE	163 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

### ROOM LEGEND - FIRST FLOOR - UNIT B

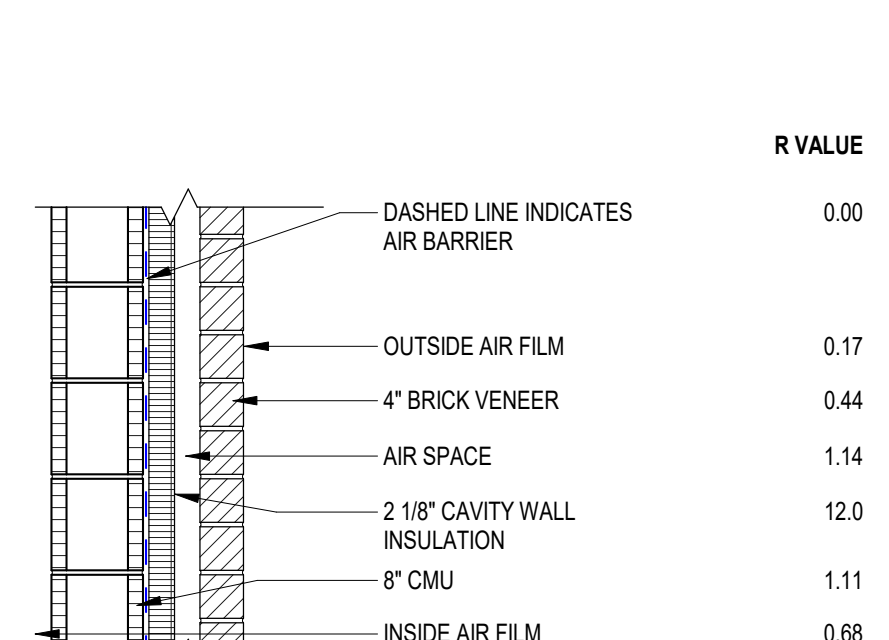
ROOM NO.	ROOM NAME	AREA (SF)
B101	MEETING AREA	2377 SF
B102	MECHANICAL	968 SF
B107	VESTIBULE	75 SF
B108	FILM	191 SF
B109	CLASSROOM	744 SF
B110	RESTROOM	42 SF
B111	RESTROOM	42 SF
B112	EQUIP. STORAGE	159 SF
B113	MECHANICAL	285 SF
B114	LOCKER ROOM	2752 SF
B115	SHOWERS	95 SF
B116	RESTROOM	264 SF
B117	RESTROOM	101 SF
B118	COACHES LOCKER	187 SF
B119	HEAD COACH OFFICE	236 SF
B120	STORAGE	109 SF
B121	VESTIBULE	111 SF
B122	ICE ROOM	93 SF
B123	CUSTODIAL	73 SF
B124	PASSAGE	59 SF
B125	HALLWAY	63 SF
B126	TABLE STORAGE	105 SF



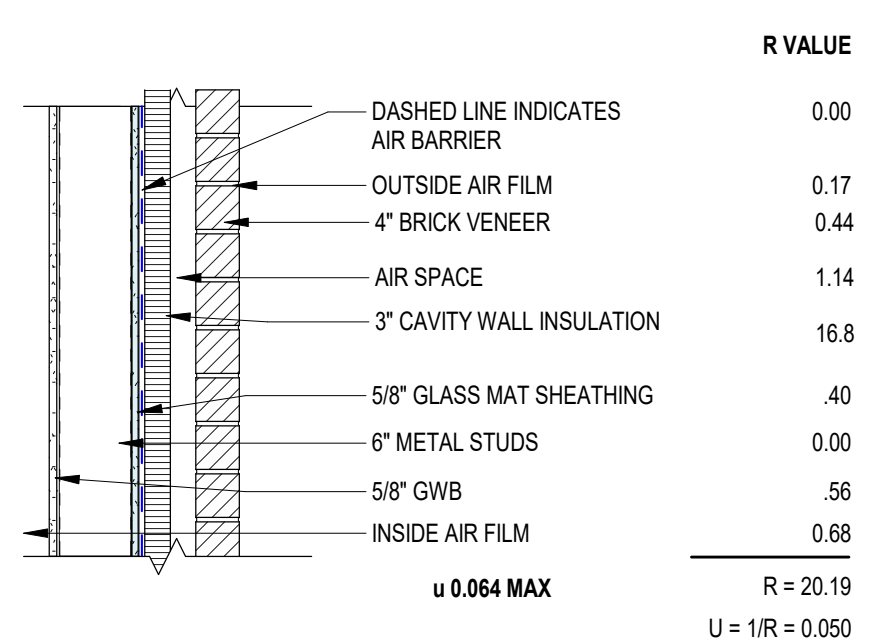
**TYPICAL EXTERIOR WALL ASSEMBLY (6" METAL STUD / METAL WALL PANEL)**  
EXACT COMPOSITION MAY VARY BASED ON AIR BARRIER/INSULATION SYSTEM SELECTED



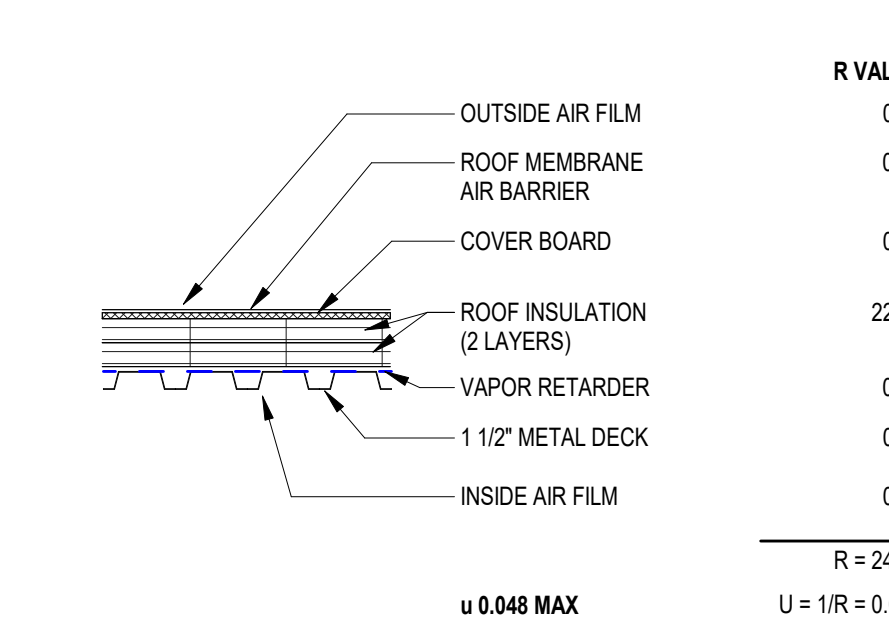
**TYPICAL EXTERIOR WALL ASSEMBLY (8" CMU / METAL WALL PANEL)**  
EXACT COMPOSITION MAY VARY BASED ON AIR BARRIER/INSULATION SYSTEM SELECTED



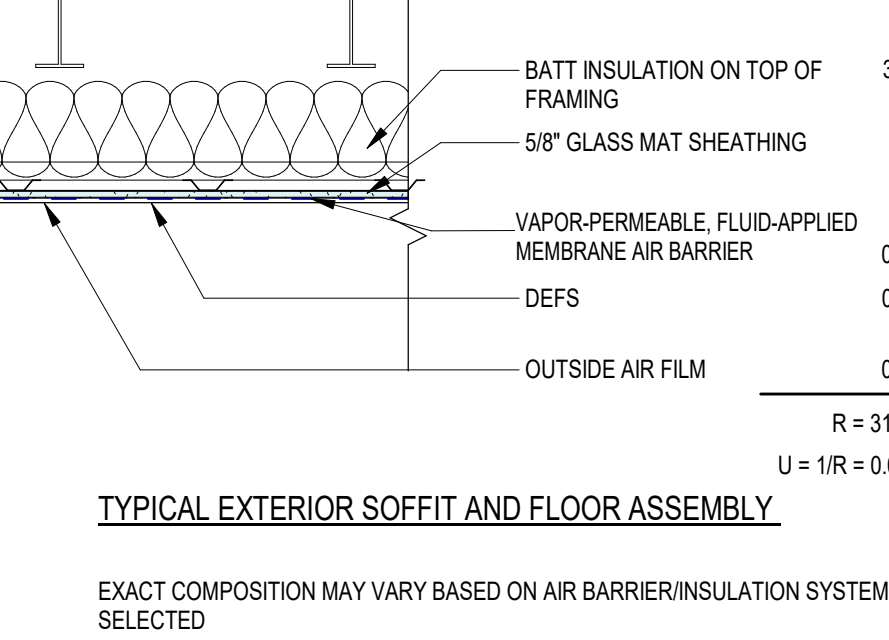
**TYPICAL EXTERIOR CAVITY WALL ASSEMBLY (8" CMU)**  
EXACT COMPOSITION MAY VARY BASED ON AIR BARRIER/INSULATION SYSTEM SELECTED



**TYPICAL EXTERIOR WALL ASSEMBLY (6" METAL STUD / BRICK WALL PANEL)**  
EXACT COMPOSITION MAY VARY BASED ON AIR BARRIER/INSULATION SYSTEM SELECTED



**TYPICAL LOW SLOPE ROOF ASSEMBLY**

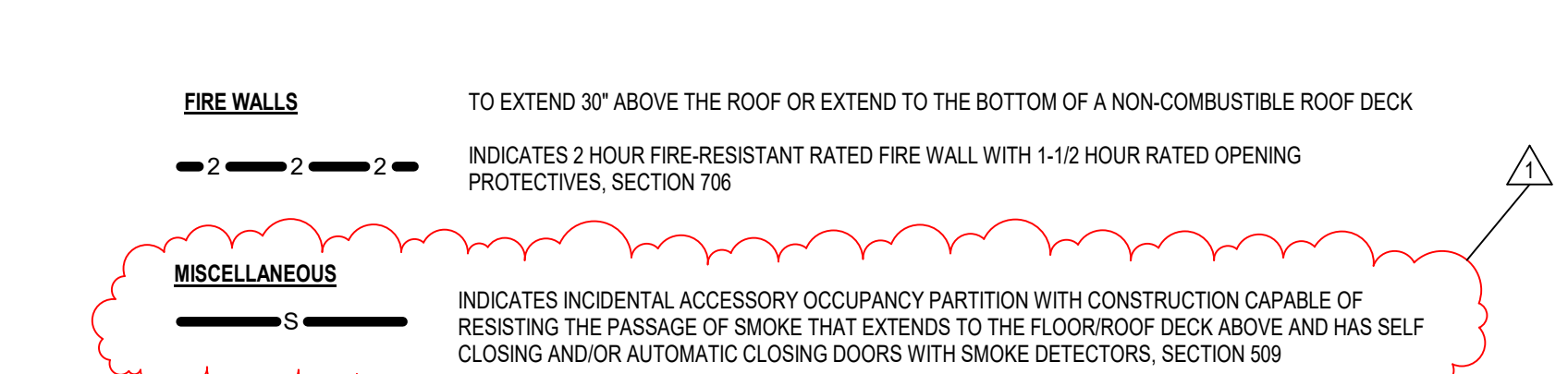


**TYPICAL EXTERIOR SOFFIT AND FLOOR ASSEMBLY**  
EXACT COMPOSITION MAY VARY BASED ON AIR BARRIER/INSULATION SYSTEM SELECTED

### OCCUPANCY CLASSIFICATION - KEY

Class Abbreviation	Classification	Area Per Occupant	Occupancy Gross or Net
A1	A1 - Assembly With Fixed Seats		
A2	A2 - Assembly Without Fixed Seats - Unconcentrated (Chairs and Chairs)	15 SF	Net
A3	A3 - Assembly Without Fixed Seats - Concentrated (Tables Only - Not Fixed)	7 SF	Net
A4	A4 - Assembly Without Fixed Seats - Standing Space	5 SF	Net
AC	AC - Accessory Storage Areas, Mechanical Equipment Rooms	300 SF	Gross
B	B - Business Areas	100 SF	Gross
CB	CB - Concentrated Business Use Area	50 SF	Gross
CR	CR - Courtrooms - (Other than fixed seating area)	40 SF	Net
DC	DC - Day Care	35 SF	Net
EC	EC - Educational - Classroom Areas	20 SF	Net
ES	ES - Educational - Shops and other Vocational Room Areas	50 SF	Net
EX	EX - Exercise Rooms	50 SF	Gross
KIT	KIT - Kitchens - commercial	200 SF	Gross
L	L - Locker Rooms	50 SF	Gross
LR	LR - Library - Reading Rooms	50 SF	Net
LS	LS - Library - Stack Areas	100 SF	Gross
MBF	MBF - Mercantile - Basement and grade Floor Areas	30 SF	Gross
U	U - Unoccupied - Corridors (Not Shown)	0 SF	Gross

### CODE PLAN LEGEND



**NOTE:**  
AT THE UNDERSIDE OF THE GRANDSTAND BLEACHERS WE HAVE MAINTAINED THE 1 HOUR HORIZONTAL BARRIER

ARCHITECTURAL DEMOLITION GENERAL NOTES

- A. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. CONTRACTOR IS TO VERIFY THEIR WORK IN THE FIELD WITH THE DEMOLITION DRAWINGS, NEW CONSTRUCTION DRAWINGS, AND THE EXISTING IN-FIELD CONDITIONS. REPORT DISCREPANCIES TO THE ARCHITECT.
- B. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVES, BASES, DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS, UNLESS NOTED OTHERWISE.
- C. "CEILING" DENOTES CEILING MATERIALS INCLUDING SUSPENSION SYSTEMS, ADHESIVE RESIDUES, MOLDINGS, UP TO BUT EXCLUSIVE OF STRUCTURAL MATERIALS.
- D. WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MIN. BELOW THE EXISTING FLOOR SLAB (UNLESS SETTING ON SLAB). PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- E. WHEN OPENINGS ARE CUT INTO AN EXISTING WALL, THE OPENING SHALL BE A MINIMUM OF 1'-4" LONGER THAN THE FINISHED OPENING REQUIRED TO ALLOW FOR 8" (MIN) OF NEW CMU TOOTHED-IN AT EDGES.
- F. AFTER THE DEMOLITION OF MATERIALS, THE RESULTING EXPOSED SURFACE SHALL BE SMOOTH AND FLUSH WITH EXISTING CONDITIONS.
- G. MECHANICAL AND ELECTRICAL ITEMS THAT ARE CAPPED AND ABANDONED SHALL BE LOCATED BEHIND FINAL FINISH SYSTEMS.
- H. COORDINATE THIS WORK WITH DEMOLITION WORK ON SITE, STRUCTURAL, PLUMBING, MECHANICAL, AND ELECTRICAL.
- I. PROVIDE INTERIOR AND EXTERIOR SHORING, BRACING, OR SUPPORT TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- J. CONTRACTOR TO FIELD VERIFY PORTIONS OR SECTIONS OF EXISTING WALLS TO BE FILLED IN AND SALVAGE NECESSARY MATERIAL.
- K. MATERIALS OF DEMOLITION SHALL BE DISPOSED OF OFF-SITE UNLESS OTHERWISE DIRECTED BY OWNER.
- L. MISCELLANEOUS ITEMS NOT SHOWN AND NOT TO BE DEMOLISHED. CONTRACTOR TO NOTIFY OWNER IN ADVANCE WHEN ITEMS NEED TO BE REMOVED. CONTRACTOR IS RESPONSIBLE FOR OTHER ITEMS TO BE REMOVED.
- M. ITEMS TO BE PATCHED, REMOVE ALL LOOSE OR DAMAGED MATERIAL. REFINISH TO LIKE NEW CONDITION, OR IF CONDITION WARRANTS REPLACE IN ENTIRETY.
- N. THE OWNER SHALL RESERVE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- O. "TURNED OVER TO THE OWNER" DENOTES: 1) TAG AND IDENTIFY ITEMS, 2) STORE IN AN ORDERLY FASHION IN A LOCATION DESIGNATED BY THE OWNER.
- P. ITEMS MADE OBSOLETE TO ACCOMMODATE NEW CONSTRUCTION OR RENOVATION SHALL BE REMOVED. ITEMS TO BE REMOVED SHALL BE REMOVED IN THEIR ENTIRETY.
- Q. AFTER REMOVAL OF ITEMS, THE EXISTING WALL SURFACES (IF EXPOSED) SHALL BE REPAIRED/PATCHED AS REQUIRED TO RECEIVE NEW FINISHES.
- R. REMOVE ALL EXISTING TOILET ACCESSORIES. CONFIRM WITH CM IF OWNER WANTS TO SALVAGE ANY SPECIFIC ACCESSORIES BEFORE DISPOSAL.
- T. REMOVE ANY EXISTING SIGNAGE PRIOR TO PAINTING AND SIGNAGE WALL GRAPHICS ARE TO REMAIN.
- U. ALL VIEWING DECK (AT PRECAST RISERS AND ABOVE) REPAIRS SHALL BE ACCOMPLISHED PRIOR TO NEW COATINGS/FINISH.
- V. EXISTING CERAMIC WALL TILE CAN REMAIN ON WALLS. THE INTENT IS TO COVER WITH NEW CMU. REFER TO FLOOR PLANS.

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# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

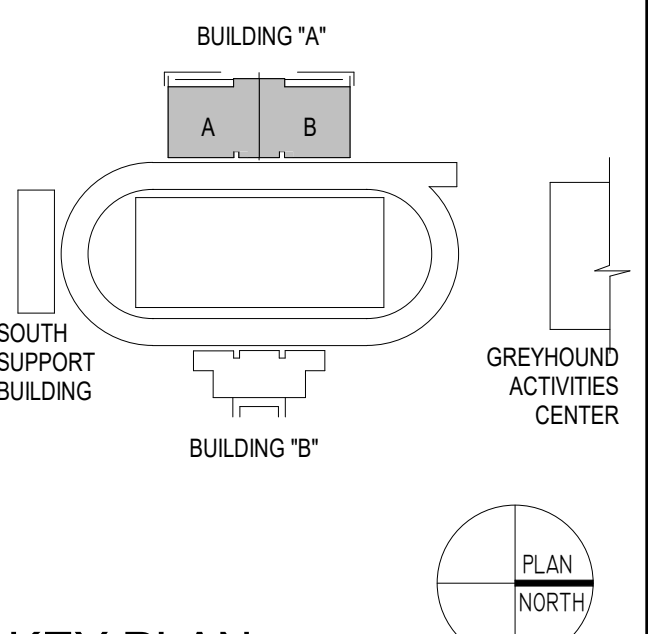
5201 E. Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

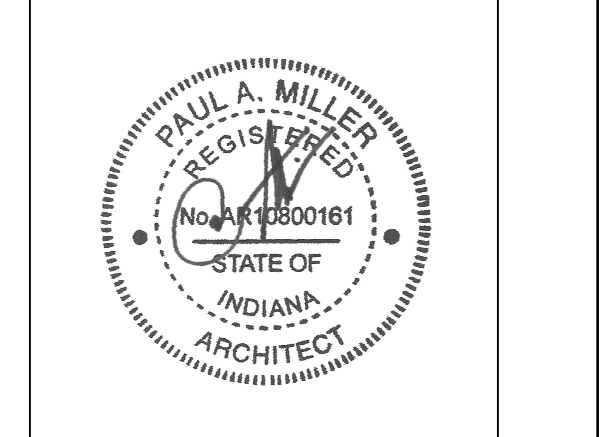
# FANNING HOWE

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330 E. NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



### KEY PLAN

### 100% CONSTRUCTION DOCUMENTS

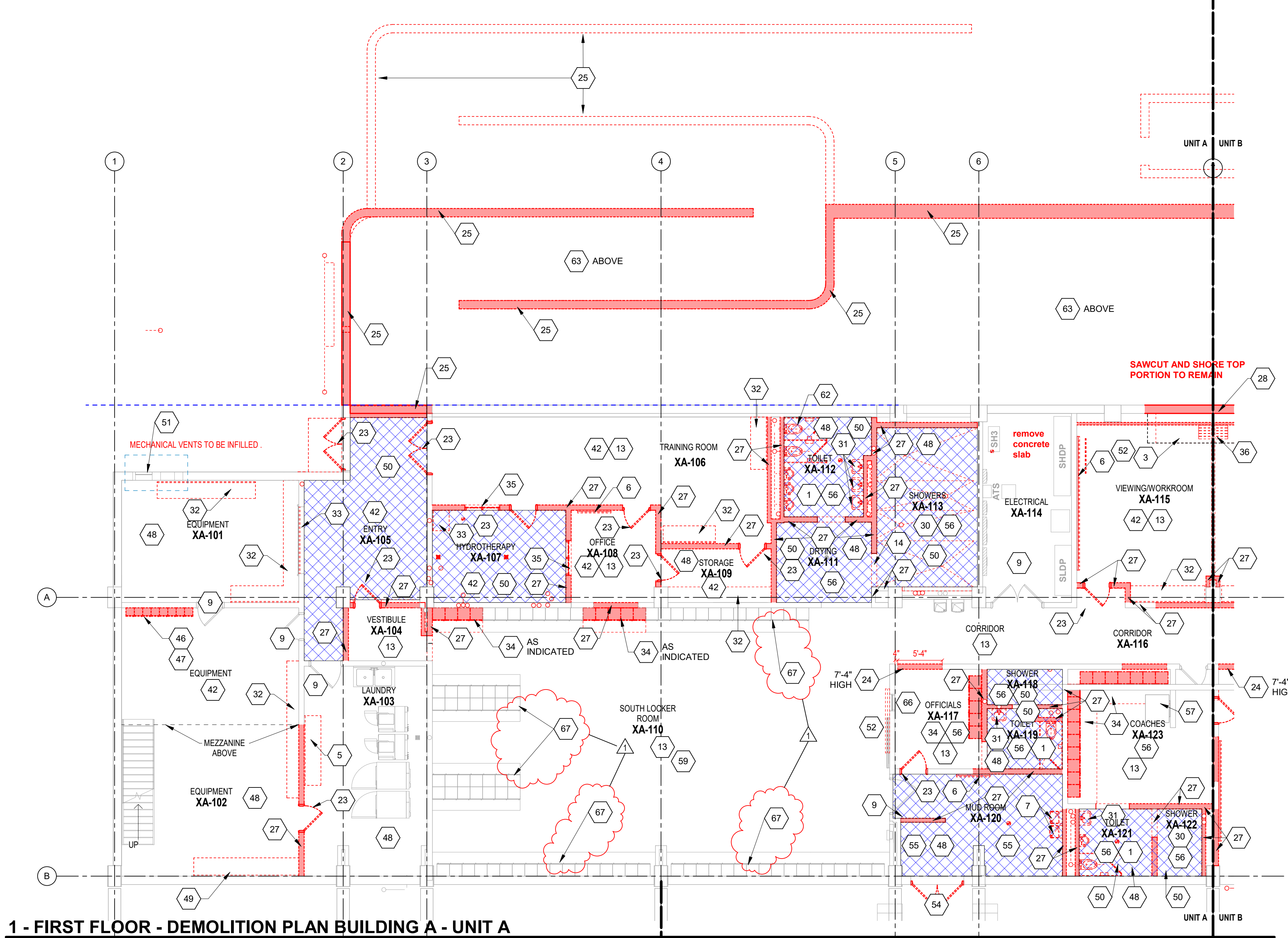


PROJECT MANAGER: MKS  
DRAWN BY: TPV / CLK  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

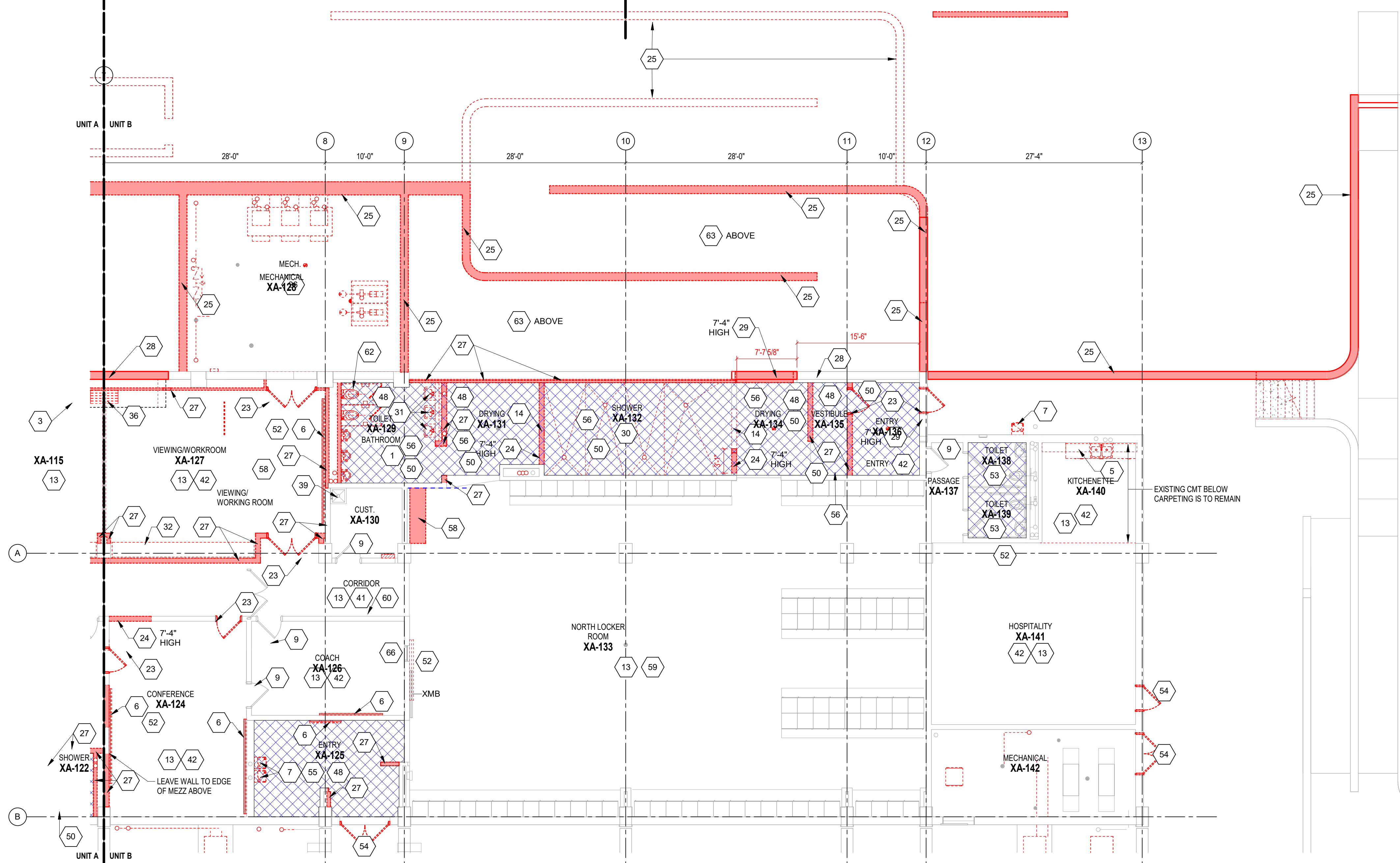
### FIRST FLOOR DEMOLITION PLAN BUILDING A

# AD0.01



1 - FIRST FLOOR - DEMOLITION PLAN BUILDING A - UNIT A

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



1 - FIRST FLOOR - DEMOLITION PLAN BUILDING A - UNIT B

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

ROOM LEGEND - FIRST FLOOR - UNIT A

ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	296 SF
A102	EQUIPMENT	309 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	78 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	399 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKER ROOM	88 SF
A110	LOCKER ROOM	1749 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	96 SF
A114	ELECTRICAL	239 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	529 SF
A117	OFFICE	111 SF
A118	STORAGE	29 SF
A119	WOMEN	79 SF
A120	WOMEN'S OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR/HALLWAY	529 SF
A124	COACHES	899 SF
A125	FIRE PUMP	160 SF
A126	STORAGE	122 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	296 SF
A129	TRAINING	899 SF
A130	CLINIC	142 SF
A131	RECOVERY	163 SF
A132	STORAGE	102 SF
A133	ELEV. EQPT.	59 SF
A134	IT/DATA CLOSET	48 SF
A135	STUDENT COMMONS	796 SF
A137	HALLWAY	1507 SF
A138	OFFICE	163 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

ARCHITECTURAL PLAN GENERAL NOTES

- A. ALL 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.
- B. WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
- C. THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- D. ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A JOINT (J.W.I.) 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.
- E. FOR TYPICAL COMMON JOINT DETAILS REFER TO DETAILS ON SHEET 02.
- F. ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF GWB AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPTION: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.
- G. HINGE SIDE DOOR HINGE AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- H. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT WINDOW JAMBS, BULKHEADS, WINDOW AND DOOR HEADS. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES.
- J. REFER TO ROOM FINISH SCHEDULE OR PLAN AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
- K. PROVIDE WOOD BLOCKING AS REQUIRED, WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
- L. REFER TO MASTERCODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS. PROVIDE SPRAY FOAM INSULATION AND THERMAL BARRIER CONTIGUOUS AT INTERSECTION OF EXTERIOR WALLS AND DECK.

ARCHITECTURAL PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

W### INDICATES WALL TYPE. REFER TO DRAWING FOR WALL THICKNESS, HEIGHT AND COMPOSITION.

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- 1 INFILL EXISTING OPENING WITH WALL TYPE INDICATED (VERIFY EXISTING WALL COMPOSITION AND MATCH)
- 2 PROTECT EXISTING ELECTRICAL MAIN LINES
- 4 FINISH FACES OF WALLS TO ALIGN
- 10 EXTEND EXISTING WALL ABOVE DOOR TO CONCRETE ABOVE
- 27 CLEAN AND PREPARE EXISTING VERTICAL CONCRETE SURFACES AND APPLY NEW ELASTOMERIC COATING SYSTEM. AT PERIMETER OF GRANDSTAND APPLY NEW ELASTOMERIC COATING SYSTEM TO BOTH SIDES, TOP AND BOTTOM OF EXISTING CONCRETE PANELS.
- 37 PROVIDE INTEGRAL WATER REPELLANT ON ALL EXPOSED CONCRETE SURFACES
- 40 INFILL EXISTING SLAB DEPRESSION FROM CMT THICKSET (CROSS-HATCHED AREA) WITH NEW CONCRETE
- 41 INFILL EXISTING LOUVER OPENING THAT IS ABANDONED WITH NEW BRICK AND CMU CONSTRUCTION (VERIFY SIZE IN FIELD)

222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE) 2450 E. SMOKY ROW (VISITOR SIDE) CARMEL, IN 46032

CARMEL CLAY SCHOOLS

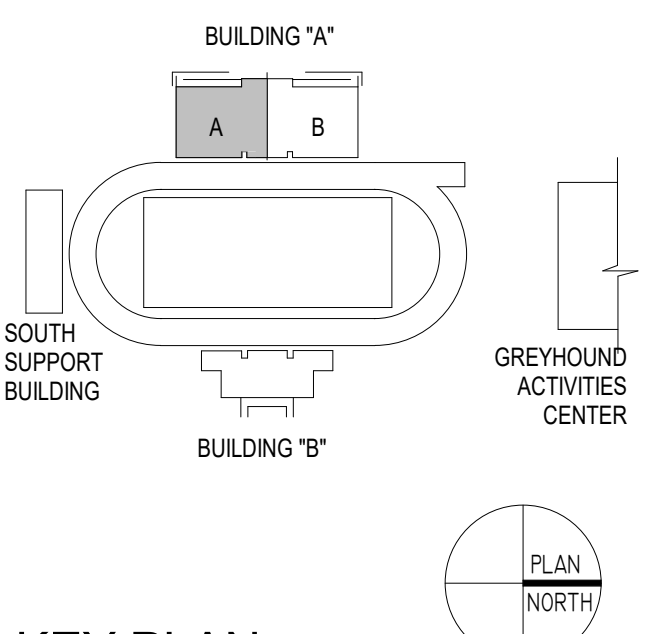
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ARCHITECT

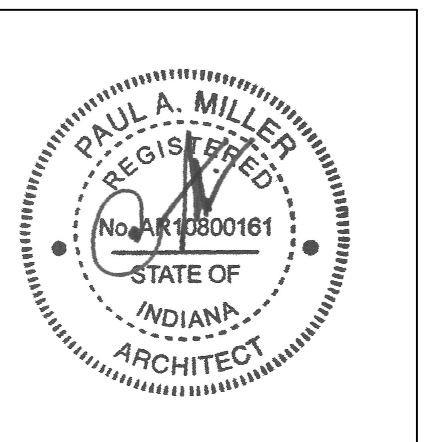
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KEY PLAN

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS DRAWN BY: TPV PROJECT NUMBER: 222154.00 PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

FIRST FLOOR PLAN BUILDING A - UNIT A

A1.01

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

TICKET BOOTH PLAN

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



2 PLAZA DECK CORNER BELOW RAMP

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



1 PLAZA DECK CORNER ABOVE RAMP

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



1 - FIRST FLOOR - ARCHITECTURAL PLAN BUILDING A - UNIT A

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



ROOM LEGEND - SECOND FLOOR - UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A201	MECH. MEZZANINE	280 SF
A202	CONCESSIONS	591 SF
A203	MECHANICAL	836 SF
A204	WOMEN'S BATHROOM	874 SF
A205	FAMILY RESTROOM A205	82 SF
A206	STORAGE	180 SF
A207	SPIRIT SHOP	634 SF
A208	CONCOURSE	3943 SF
A209	ELE. LOBBY	67 SF

- ARCHITECTURAL PLAN GENERAL NOTES**
- ALL 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.
  - WHERE DISSIMILAR FLOOR MATERIALS MEET, THEY SHALL DO SO UNDER THE CENTERLINE OF THE DOOR, UNLESS NOTED OTHERWISE.
  - THE BASE FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
  - ALL INTERIOR MASONRY WALLS THAT RUN TO UNDERSIDE OF DECK ABOVE SHALL HAVE A 2" JOINT (MIN.) 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.
  - FOR TYPICAL COMMON JOINT DETAILS AND CONSTRUCTION MOVEMENT JOINT DETAILS REFER TO DETAILS ON SHEET XX.
  - ALL DIMENSIONS ON FLOOR PLANS ARE TO FINISH FACE OF CMU, CONCRETE, BRICK OR FINISH FACE OF CMU AT METAL STUD WALLS, UNLESS NOTED OTHERWISE. EXCEPTION: EXTERIOR METAL STUD WALLS ARE TO FACE OF METAL STUDS.
  - HINGE SIDE DOOR HAMS AT WALLS WILL TYPICALLY BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
  - ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSE, EXCEPT AT WINDOW JAMBS, BULKHEADS, WINDOW AND DOOR HEADS. SEE REFLECTED CEILING PLANS FOR BULKHEAD LOCATIONS AND DETAIL REFERENCES.
  - REFER TO ROOM FINISH SCHEDULE OR PLAN AND EQUIPMENT PLANS FOR LOCATION AND EXTENT OF FINISH FLOOR MATERIALS.
  - PROVIDE WOOD BLOCKING AS REQUIRED, WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
  - REFER TO MASTERCODE PLANS FOR CODE INFORMATION AND FIRE RATED WALL LOCATIONS. PROVIDE SPRAY FOAM INSULATION AND THERMAL BARRIER CONTINUOUS AT INTERSECTION OF EXTERIOR WALLS AND DECK.

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

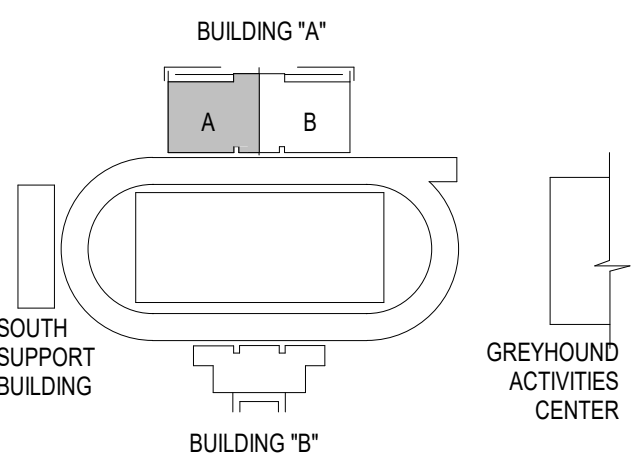
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### ARCHITECT

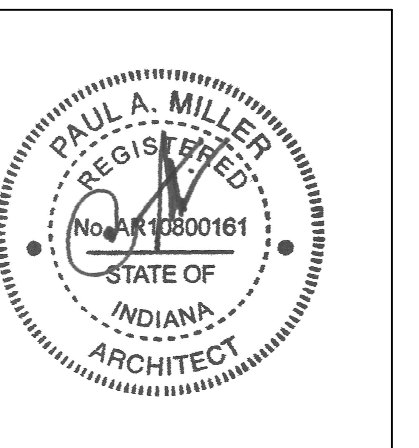


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### KEY PLAN

### 100% CONSTRUCTION DOCUMENTS

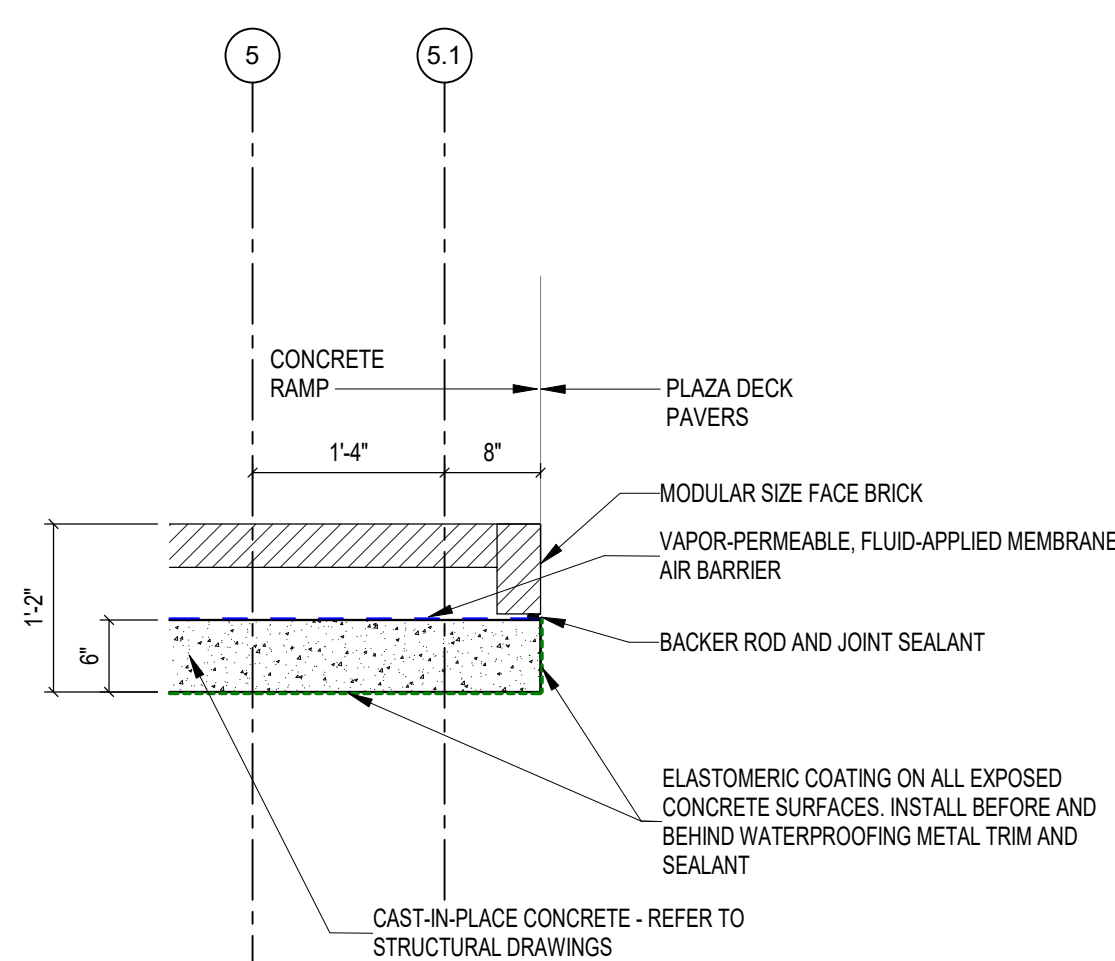


PROJECT MANAGER: MKS  
DRAWN BY: TPV  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
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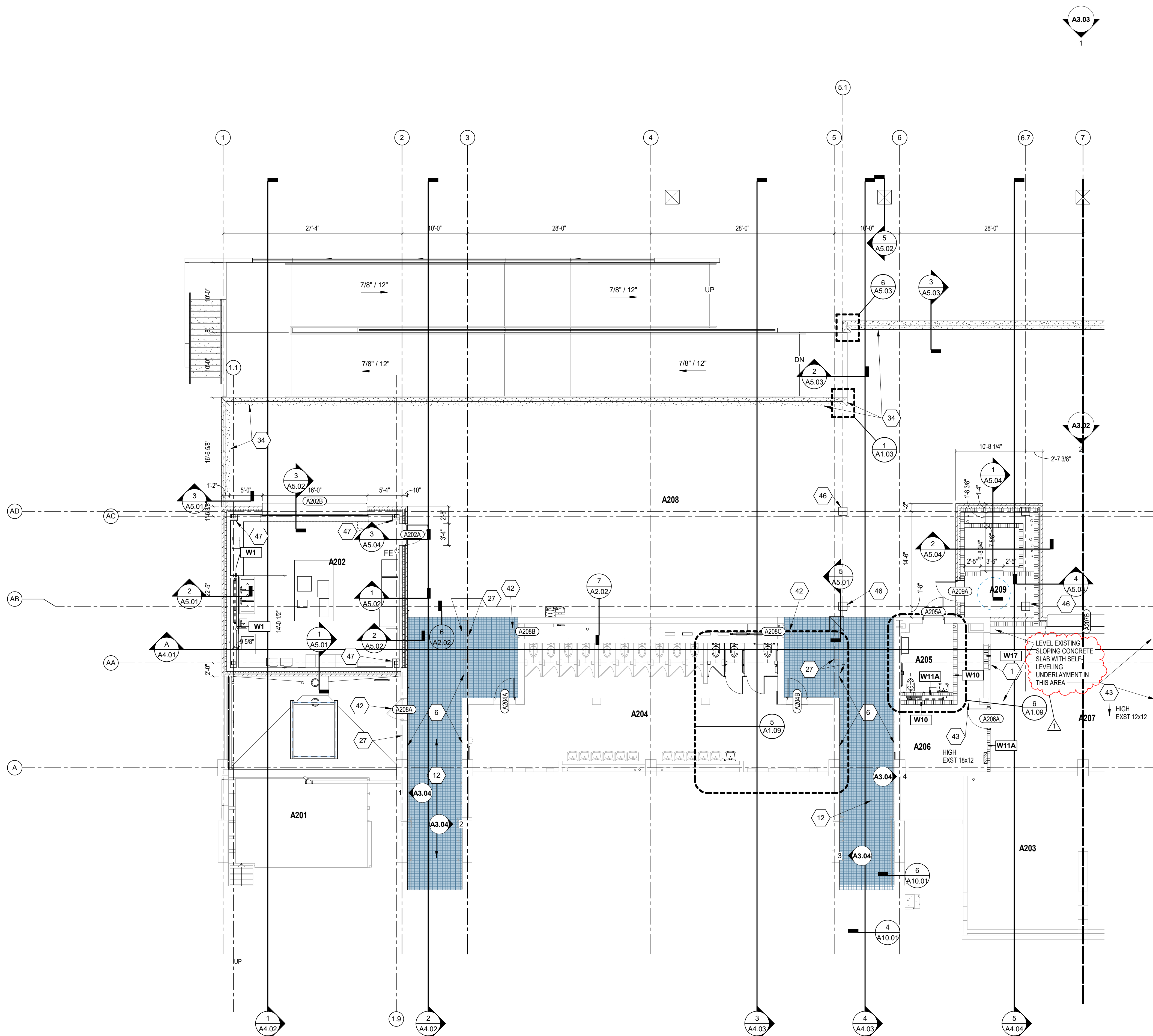
### SECOND FLOOR PLAN BUILDING A - UNIT A

# A1.03



### 1 PLAZA DECK END WALL DETAIL

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



### 2 - SECOND FLOOR - ARCHITECTURAL PLAN BUILDING A - UNIT A

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

### ARCHITECTURAL PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

W### INDICATES WALL TYPE. REFER TO DRAWING FOR WALL THICKNESS, HEIGHT AND COMPOSITION.

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

1 INFILL EXISTING OPENING WITH WALL TYPE INDICATED. VERIFY EXISTING WALL COMPOSITION AND MATCH CLEAN. PREPARE INCLUDING REMOVING LOOSE RUST AND REPAINT EXISTING STEEL HANDRAIL, GUARDRAIL, RAILINGS, AND BRACKETS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

12 CLEAN, PREPARE, TREAT JOINTS AND CRACKS FOR APPLICATION OF NEW TRAFFIC COATING THROUGHOUT EXISTING HORIZONTAL SURFACES AND RISERS OF CONCRETE GRANDSTAND, CONCRETE AISLES AND CONCRETE RAMPS.

27 CLEAN AND PREPARE EXISTING VERTICAL CONCRETE SURFACES AND APPLY NEW ELASTOMERIC COATING SYSTEM. AT PERIMETER OF GRANDSTAND APPLY NEW ELASTOMERIC COATING SYSTEM TO BOTH SIDES, TOP AND BOTTOM OF EXISTING CONCRETE PANELS.

34 PROVIDE NEW ELASTOMERIC COATING SYSTEM ON EXPOSED CONCRETE SURFACES.

42 PAINT EXISTING HM DOOR AND FRAME

43 REFER TO DEMO, STRUCTURAL AND MECHANICAL DRAWINGS FOR INCREASED LOUVER SIZES ABOVE ROOF TO ACCOMMODATE NEW CONSTRUCTION.

46 EXPOSED STEEL COLUMN, PAINT

47 WRAP STEEL COLUMN WITH W1A WALLS

### CONCRETE COATING LEGEND

TRAFFIC COATING  
SEE SHEETS A1.06 AND A1.07 FOR ADDITIONAL INFORMATION

ELASTOMERIC COATING  
TYPICAL AT ALL SIDES, TOP, FRONT, BACK AND BOTTOM

### VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.

SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.







# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

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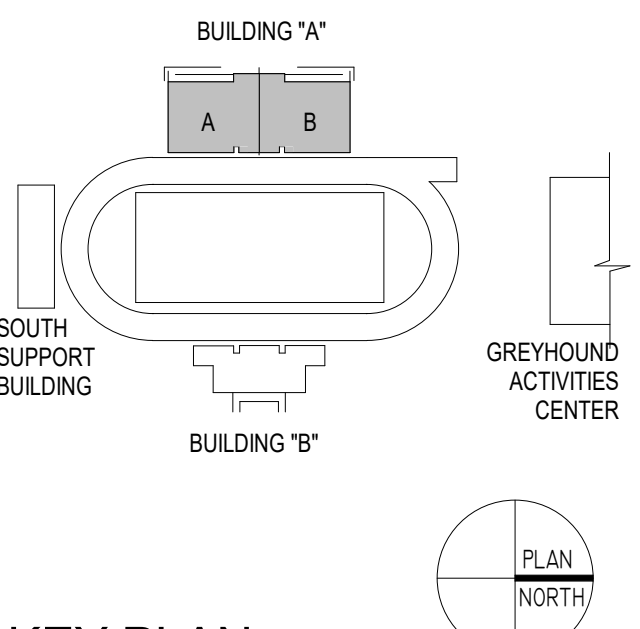
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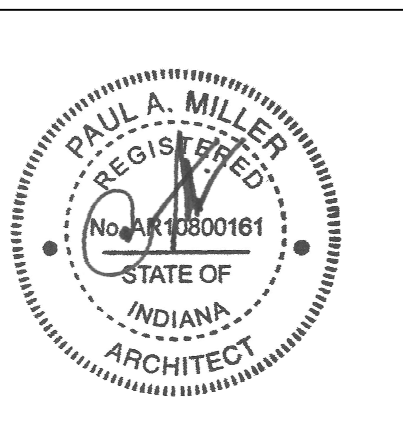
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## KEY PLAN

## 100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: AH  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

## VIEWING DECK BUILDING A

# A1.06

### VIEWING DECK GENERAL NOTES

A. AT ALL EXISTING RAILING POSTS ON SLOPED TOP CONCRETE WALLS, PROVIDE FLANGES DESIGNED TO ACCOMMODATE ELLIPTICAL OPENINGS.

### TRAFFIC COATING LEGEND

- ONE COAT TRAFFIC COATING
- TWO COATS TRAFFIC COATING (AISLES, STEPS, RAMPS AND WALKWAYS, PROVIDE ACCENT COLOR AT AISLE INTERMEDIATE STEPS)

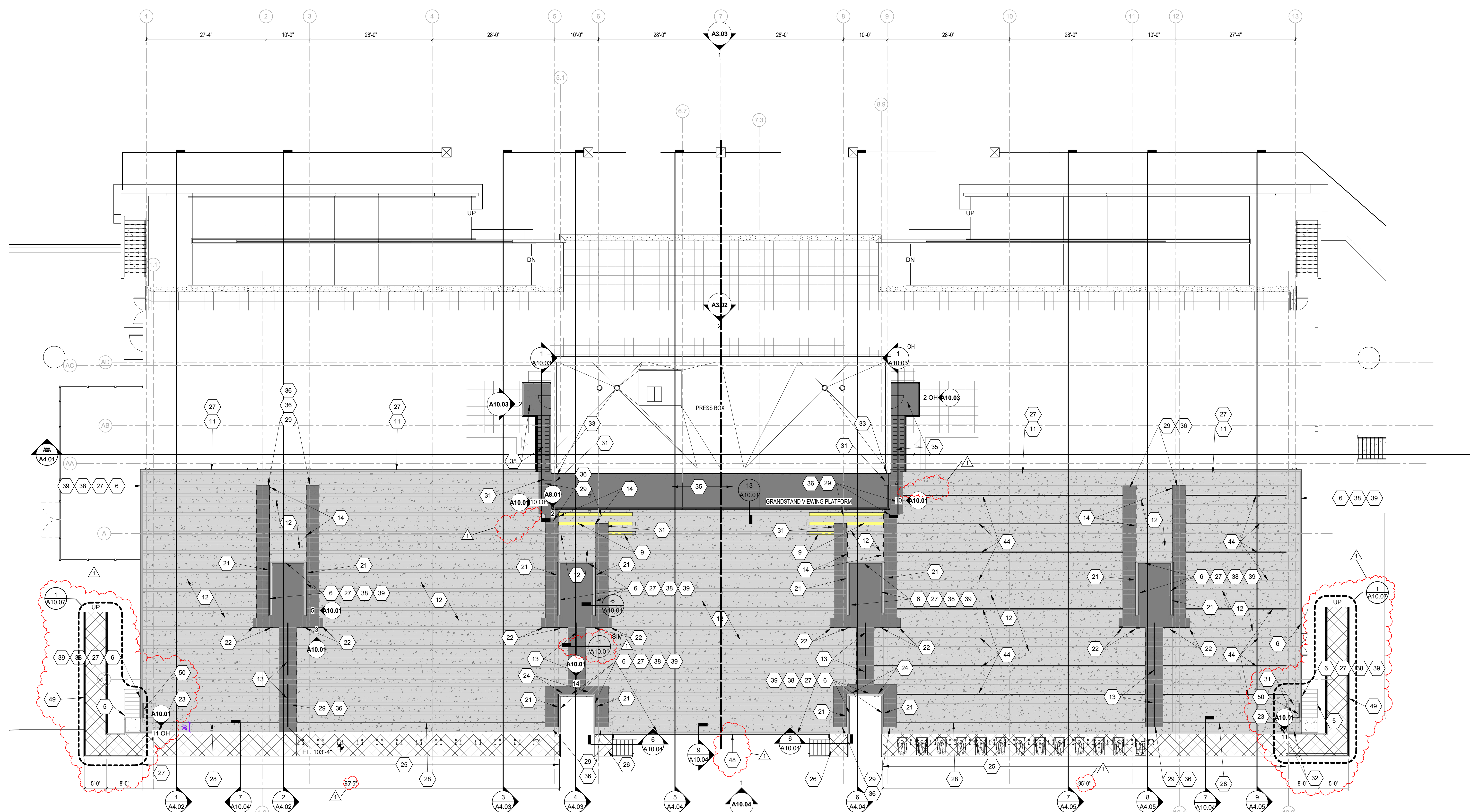
### VIEWING DECK NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- 5 CLEAN, PREPARE INCLUDING REMOVING LOOSE RUST AND REPAINT EXISTING STAIR RAILINGS, STRINGERS, SUPPORTS AND NOSINGS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 6 CLEAN, PREPARE INCLUDING REMOVING LOOSE RUST AND REPAINT EXISTING STEEL HANDRAIL, GUARDRAIL, RAILINGS AND BRACKETS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 9 REPAIR CONCRETE CONSTRUCTION UNDER AREA OF OLD PRESSBOX STAIRS AFTER THEY ARE REMOVED, TO MATCH ADJACENT CONSTRUCTION. PROVIDE SALVAGED ALUMINUM BEACHERS AND BRACKETS SIMILAR TO EXISTING.
- 11 PROVIDE NEW REPAIR/SURFACING MORTAR TO CREATE POSITIVE SLOPE FOR DRAINAGE AT TOP HORIZONTAL SURFACE OF GRANDSTAND.
- 12 CLEAN, PREPARE, TREAT JOINTS AND CRACKS FOR APPLICATION OF NEW TRAFFIC COATING THROUGHOUT EXISTING HORIZONTAL SURFACES AND RISERS OF CONCRETE GRANDSTAND, CONCRETE AISLES AND CONCRETE RAMPS.
- 13 PROVIDE NEW ALUMINUM CENTER AISLE RAILING TYPICAL AT ALL 48" WIDE AISLES. SEE DETAIL 1-A10.01
- 14 PROVIDE NEW ALUMINUM SIDE AISLE RAILING SYSTEM. SEE DETAIL 2-A10.01
- 21 PROVIDE NEW ALUMINUM HANDRAIL AT SIDE OF VOMITORY. SEE DETAIL 5-A10.01
- 22 PROVIDE NEW ALUMINUM HANDRAIL AT GUARDRAIL/LANDING. SEE DETAIL 3-A10.01
- 23 PROVIDE NEW ALUMINUM HANDRAIL AT LANDING EXIT. SEE DETAIL 14-A10.01
- 24 PROVIDE NEW ALUMINUM HANDRAIL AT TUNNEL GUARDRAIL/STEPS. SEE DETAIL 14-A10.01
- 25 NEW ALUMINUM PLATFORM BY ANGLE FRAME BLEACHER MANUFACTURER FOR ADA SEATING. SEE DETAIL 7-A10.04 AND 8-A10.04
- 26 NEW ALUMINUM STAIR, LANDING, AND RAILINGS BY ANGLE FRAME BLEACHER MANUFACTURER.
- 27 CLEAN AND PREPARE EXISTING VERTICAL CONCRETE SURFACES AND APPLY NEW ELASTOMERIC COATING SYSTEM. AT PERIMETER OF GRANDSTAND APPLY NEW ELASTOMERIC COATING SYSTEM TO BOTH SIDES, TOP AND BOTTOM OF EXISTING CONCRETE PANELS.
- 28 PROVIDE NEW ALUMINUM RAILING TO CREATE SEPARATION AT WALKWAY/ALUMINUM PLATFORM. SEE DETAIL 7-A10.04
- 29 PROVIDE 6" HIGH PAINTED RISER NUMBER 1 THRU 14S REQUIRED ON BOTH THE HORIZONTAL AND VERTICAL FOOT LEVEL AT EACH AISLE AND ON BOTH SIDES OF VOMITORY.
- 31 PROVIDE NEW CAST IN PLACE CONCRETE STEP PROVIDE NEW CAST IN PLACE CONCRETE STEP AND LANDING ON TOP OF EXISTING PRECAST
- 33 PROVIDE NEW CAST IN PLACE CONCRETE CAP OVER EXISTING RAISE BEAM TO BRING IT UP FLUSH WITH CONCRETE PLANK
- 35 PROVIDE NEW TRAFFIC COATING ON NEW CONCRETE SURFACES.
- 36 PROVIDE TWO COATS OF TRAFFIC COATING TOPCOAT MATERIAL WITHIN AISLES, STEPS, RAMPS AND WALKWAYS. PROVIDE TRAFFIC COATING ACCENT COLOR AT AISLE INTERMEDIATE STEPS.
- 38 REMOVE EXISTING SEALANT FROM POST CORES AND PROVIDE NEW SEALANT AND BACKER ROD WITH SLOPED TOP SURFACE AT ALL POSTS THIS WALL.
- 39 PROVIDE TWO PIECE ALUMINUM COVER FLANGES AT BASE OF ALL EXISTING RAILING POSTS MOUNTED INTO TOP OF THIS WALL.
- 44 RAILING AT STUDENT SECTION SEE DETAIL 4-A10.01 FOR FRONT CLOSURE PANEL IN FRONT OF CENTER CONCRETE WALL REFER TO A10.04, BY ANGLE FRAME BLEACHER MANUFACTURER
- 49 NEW ALUMINUM RAMP, LANDING, AND RAILINGS BY ANGLE FRAME BLEACHER MANUFACTURER
- 50 PROVIDE NEW ALUMINUM HANDRAIL AT SIDE OF EXISTING WALLS. SIMILAR TO DETAIL 5 AND 6-A10.01

### VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



## VIEWING DECK BUILDING A ARCHITECTURAL PLAN

1  
SCALE: 3/32" = 1'-0"

**222154.00  
CARMEL HIGH SCHOOL STADIUM  
GRANDSTAND  
RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

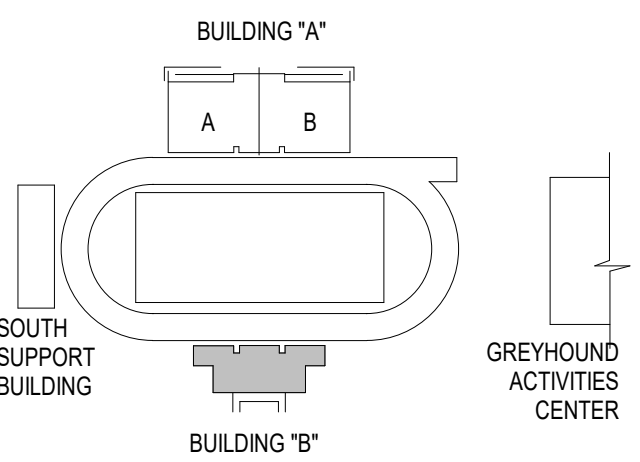
5201 E. Main Street, Carmel, IN 46033  
317-844-9961



**ARCHITECT**

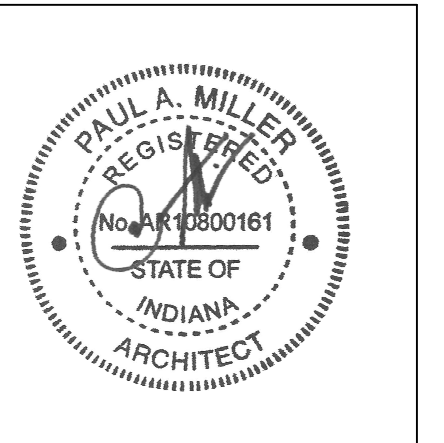


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350 E. NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

**100% CONSTRUCTION DOCUMENTS**



PROJECT MANAGER: MKS  
DRAWN BY: AH  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

**VIEWING DECK BUILDING B**

**A1.07**

**VIEWING DECK GENERAL NOTES**

A. AT ALL EXISTING RAILING POSTS ON SLOPED TOP CONCRETE WALLS, PROVIDE FLANGES DESIGNED TO ACCOMMODATE ELLIPTICAL OPENINGS.

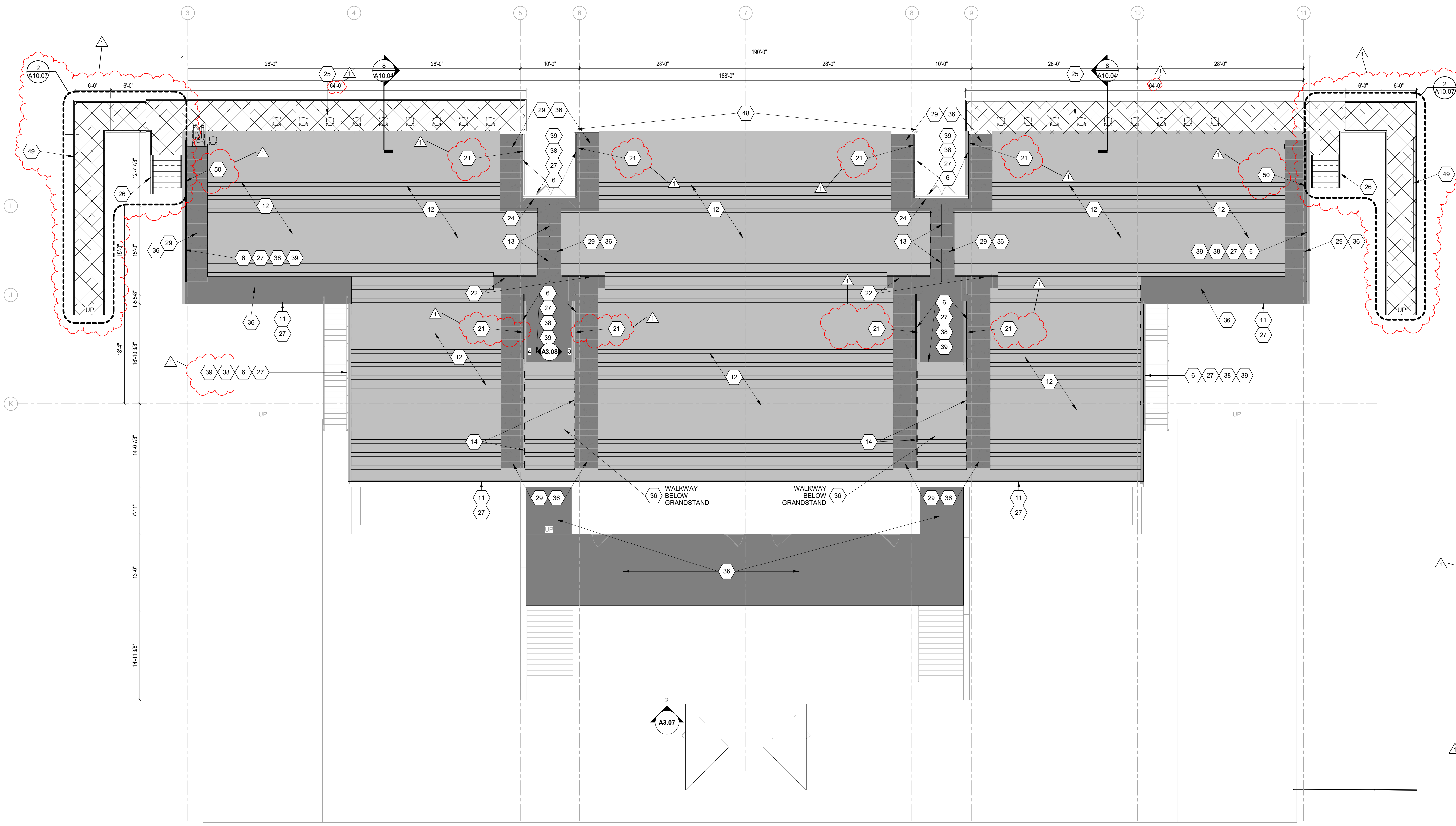
**TRAFFIC COATING LEGEND**

- ONE COAT TRAFFIC COATING
- TWO COATS TRAFFIC COATING
- WALKWAYS, PROVIDE ACCENT COLOR AT AISLE INTERMEDIATE STEPS

**VIEWING DECK NOTES**

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- 6. CLEAN, PREPARE INCLUDING REMOVING LOOSE RUST AND REPAIR EXISTING STEEL HANDRAIL, GUARDRAIL, RAILINGS, AND BRACKETS. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- 11. PROVIDE NEW REPAIR/SURFACING MORTAR TO CREATE POSITIVE SLOPE FOR DRAINAGE AT TOP HORIZONTAL SURFACE OF GRANDSTAND.
- 12. CLEAN, PREPARE, TREAT JOINTS AND CRACKS FOR APPLICATION OF NEW TRAFFIC COATING THROUGHOUT EXISTING HORIZONTAL SURFACES AND RISERS OF CONCRETE GRANDSTAND, CONCRETE AISLES AND CONCRETE RAMPS.
- 13. PROVIDE NEW ALUMINUM CENTER AISLE RAILING TYPICAL AT ALL 48" WIDE AISLES. SEE DETAIL 1-A-10.01.
- 14. PROVIDE NEW ALUMINUM SIDE AISLE RAILING SYSTEM. SEE DETAIL 2-A-10.01.
- 21. PROVIDE NEW ALUMINUM HANDRAIL AT SIDE OF VOMITORY. SEE DETAIL 5 AND 6-A-10.01.
- 22. PROVIDE NEW ALUMINUM HANDRAIL AT TUNNEL GUARDRAIL/STEPS. SEE DETAIL 14-A-10.01.
- 24. PROVIDE NEW ALUMINUM HANDRAIL AT TUNNEL GUARDRAIL/STEPS. SEE DETAIL 14-A-10.01.
- 25. NEW ALUMINUM PLATFORM BY ANGLE FRAME BLEACHER MANUFACTURER FOR ADA SEATING. SEE DETAIL 7-A-10.04 AND 8-A-10.04.
- 26. NEW ALUMINUM STAR, LANDING, AND RAILINGS BY ANGLE FRAME BLEACHER MANUFACTURER.
- 27. CLEAN AND PREPARE EXISTING VERTICAL CONCRETE SURFACES AND APPLY NEW ELASTOMERIC COATING SYSTEM AT PERIMETER OF GRANDSTAND AND APPLY NEW ELASTOMERIC COATING SYSTEM TO BOTH SIDES, TOP AND BOTTOM OF EXISTING CONCRETE PANELS.
- 29. PROVIDE 6" HIGH PAINTED RISER NUMBER 1 THRU (AS REQUIRED) ON BOTH THE HORIZONTAL AND VERTICAL FOOT LEVEL AT EACH AISLE AND ON BOTH SIDES OF VOMITORY.
- 36. PROVIDE TWO COATS OF TRAFFIC COATING TOPCOAT MATERIAL WITHIN AISLES, STEPS, RAMPS AND WALKWAYS. PROVIDE TRAFFIC COATING ACCENT COLOR AT AISLE INTERMEDIATE STEPS.
- 38. REMOVE EXISTING SEALANT FROM POST CORES AND PROVIDE NEW SEALANT AND BACKER ROD WITH SLOPED TOP SURFACE AT ALL POSTS THIS WALL.
- 39. PROVIDE TWO-PIECE ALUMINUM COVER FLANGES AT BASE OF ALL EXISTING RAILING POSTS MOUNTED INTO TOP OF THIS WALL.
- 48. FOR FRONT CLOSURE PANEL IN FRONT OF CENTER CONCRETE WALL, REFER TO A10.04, BY ANGLE FRAME BLEACHER MANUFACTURER.
- 49. NEW ALUMINUM RAMP, LANDING, AND RAILINGS BY ANGLE FRAME BLEACHER MANUFACTURER.
- 50. PROVIDE NEW ALUMINUM HANDRAIL AT SIDE OF EXISTING WALLS. SIMILAR TO DETAIL 5 AND 6-A-10.01.



**1 VIEWING DECK BUILDING B ARCHITECTURAL PLAN**  
SCALE: 1/8" = 1'-0"

**VERIFICATION NOTE**

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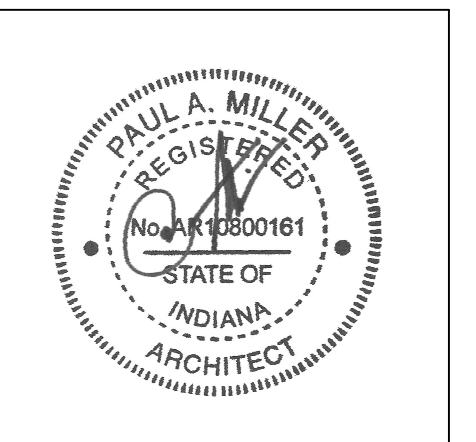


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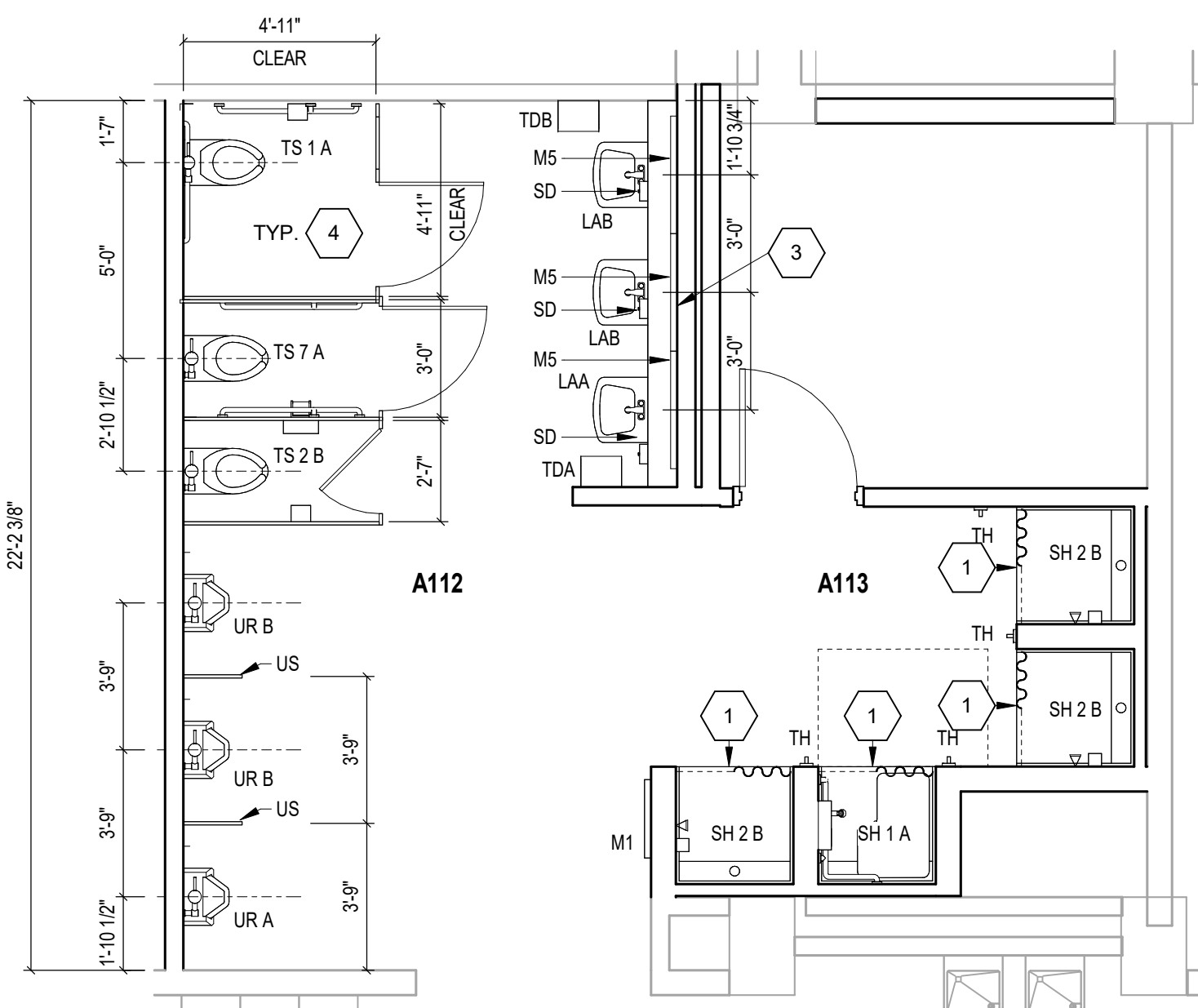


PROJECT MANAGER: MKS  
DRAWN BY: TPV / CJK  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.28.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

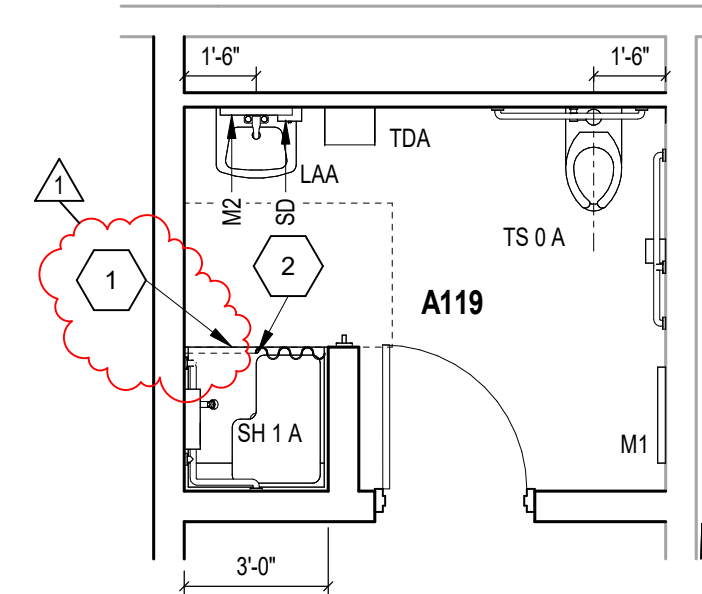
ENLARGED TOILET ROOM PLANS

**A1.09**



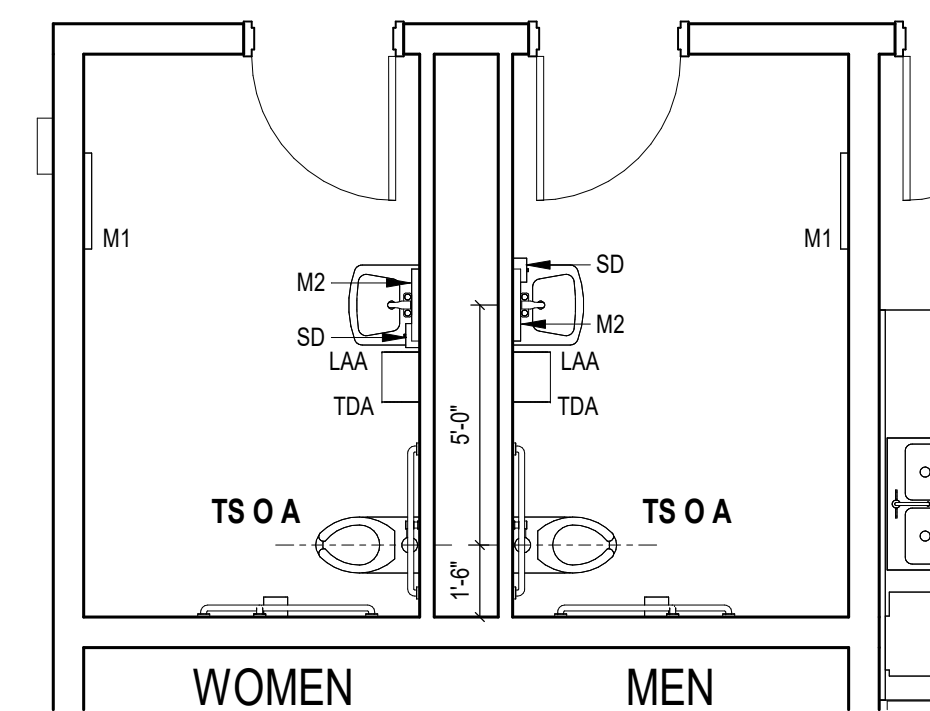
**1 BOYS A112 / SHOWERS A113**

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



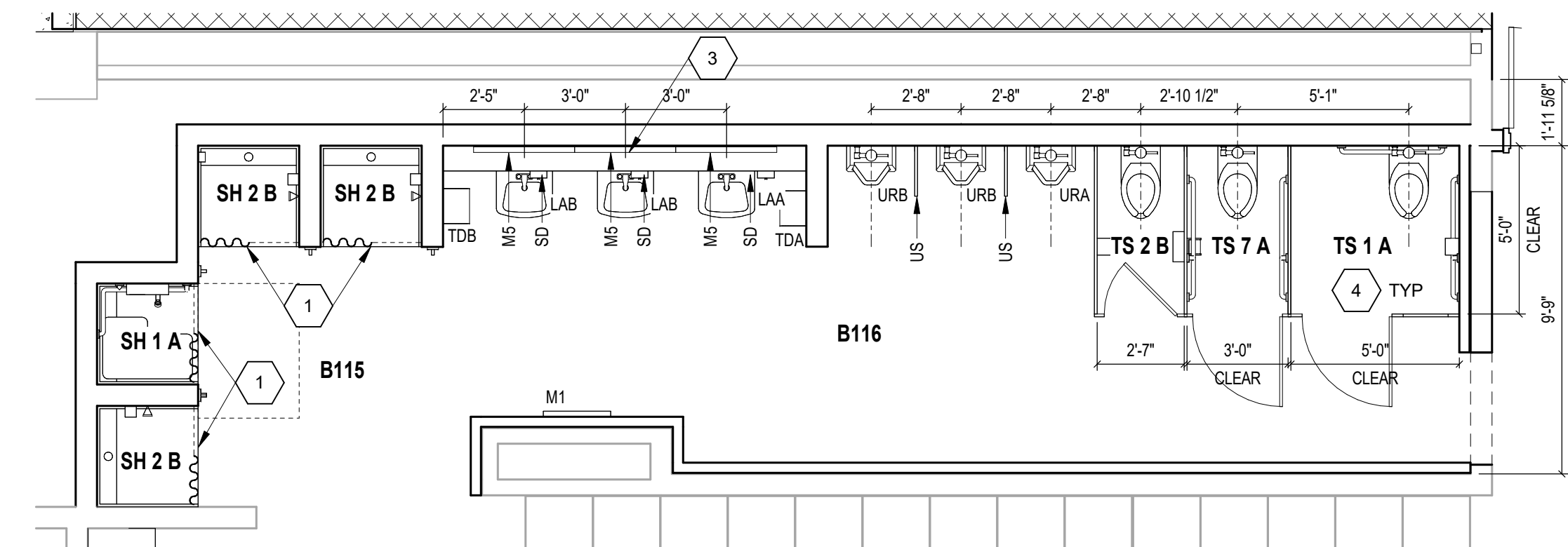
**2 RESTROOM A119**

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



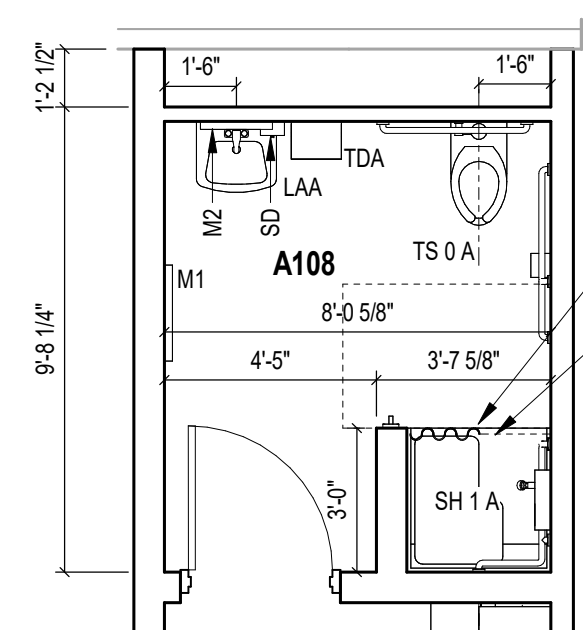
**3 RESTROOM A139 / A140**

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



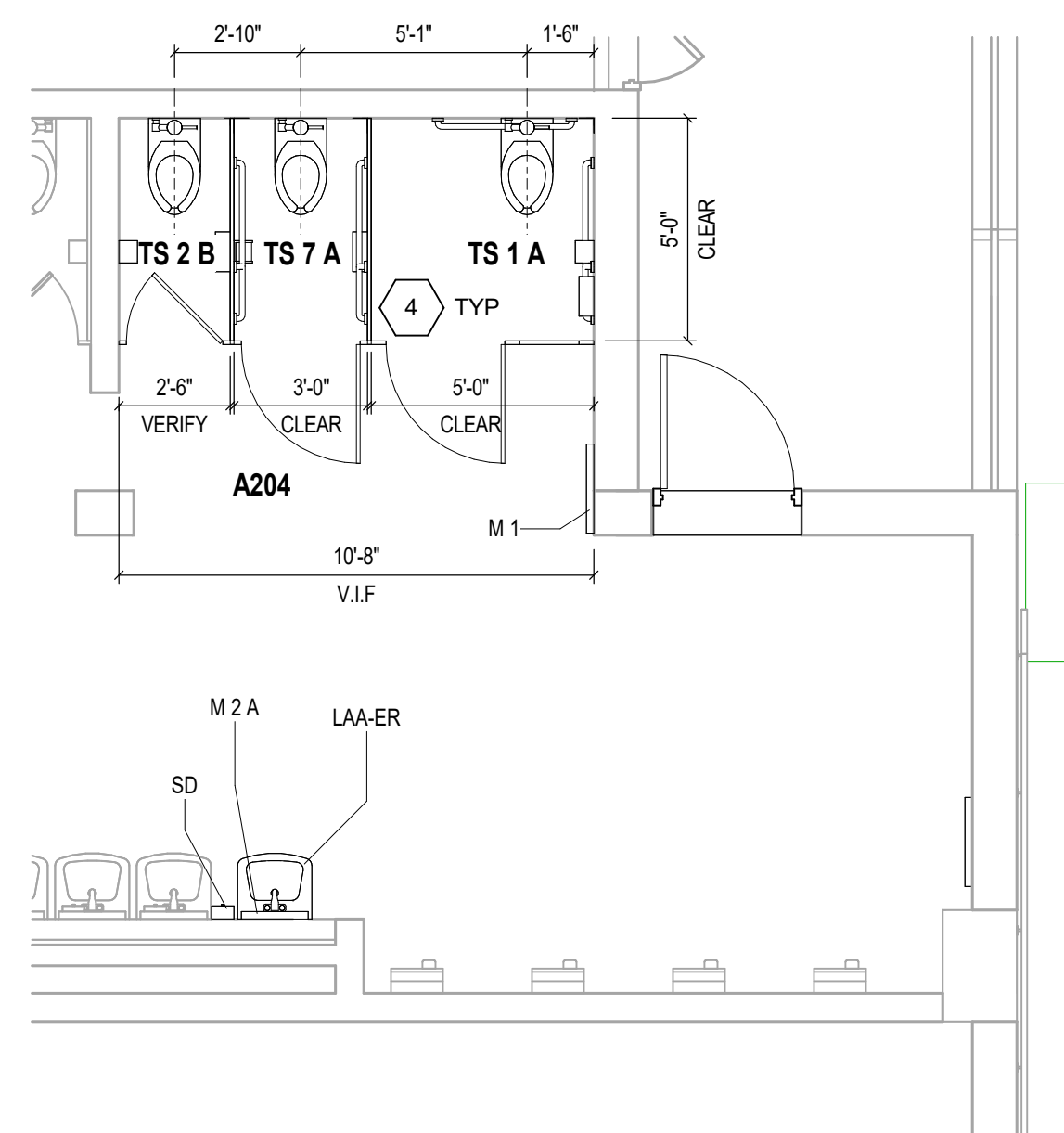
**8 RESTROOM B116 / SHOWER B115**

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



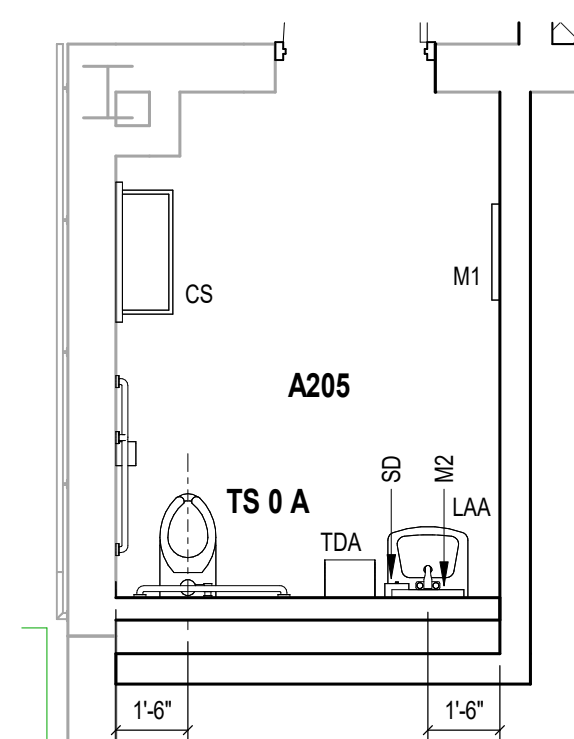
**4 RESTROOM A108**

SCALE: 1/4" = 1'-0"  
MEN COACHES



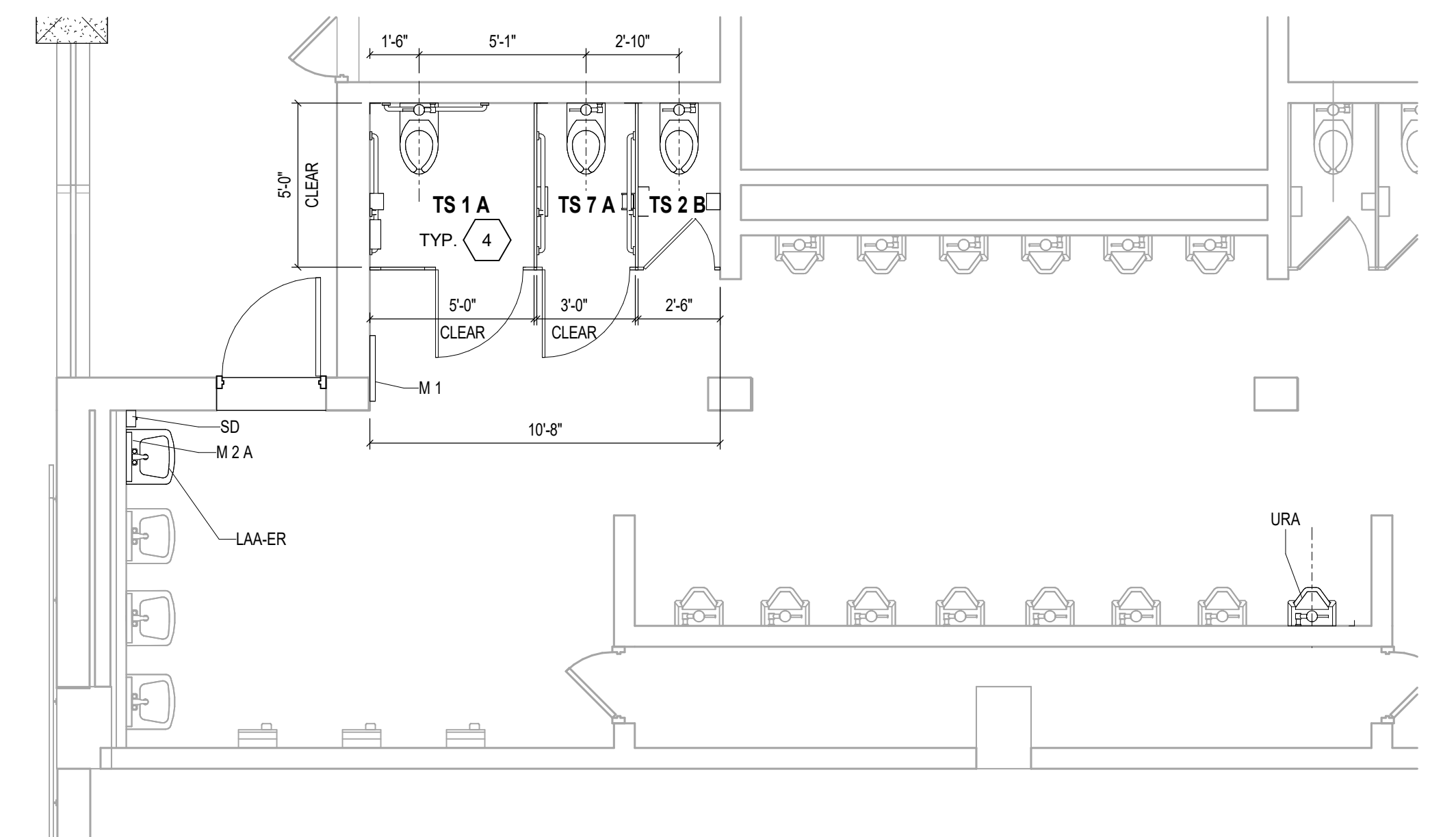
**5 WOMEN A204**

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



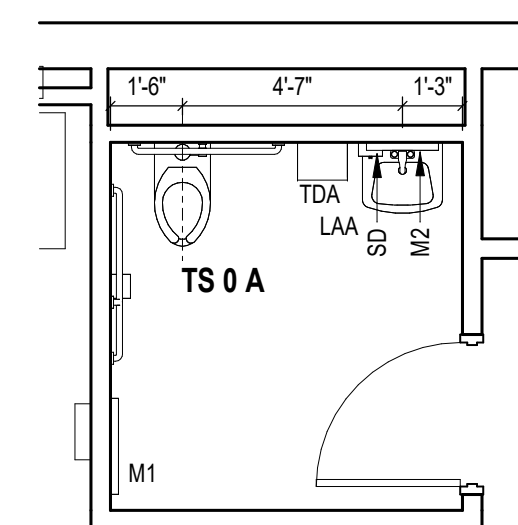
**6 FAMILY RESTROOM A205 / B202**

SCALE: 1/4" = 1'-0"  
(TOTAL OF 2)



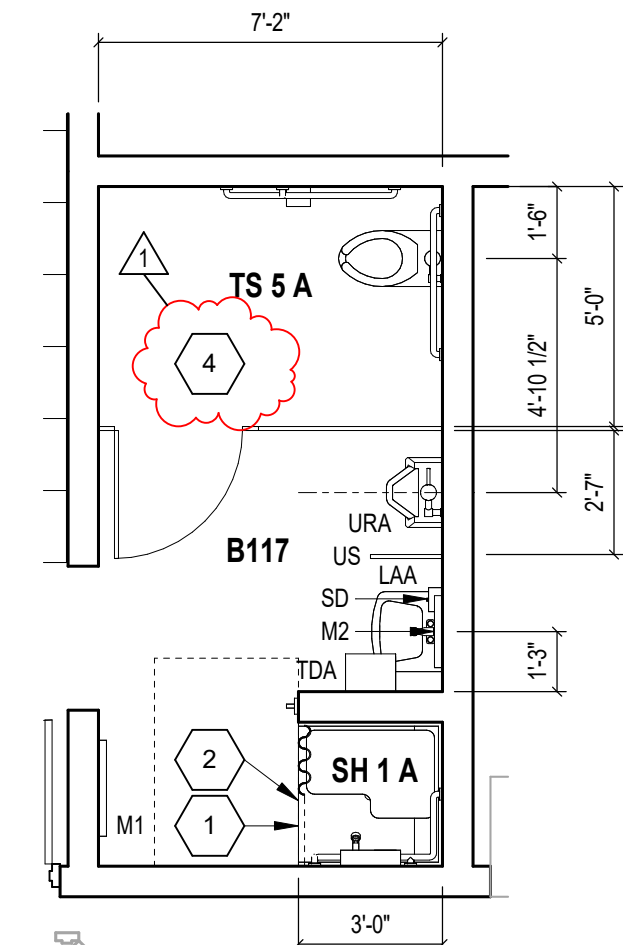
**9 RESTROOM B203**

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



**7 RESTROOM A305 / A414**

SCALE: 1/4" = 1'-0"  
(TOTAL OF 2)



**10 RESTROOM B117**

SCALE: 1/4" = 1'-0"  
MEN COACHES

TOILET ACCESSORIES					
SYMBOL	DESCRIPTION	OWNER PROVIDED/ OWNER INSTALL	OWNER PROVIDED/ CONTR. INSTALL	CONTR. PROVIDED/ CONTR. INSTALL	CONTR. PROVIDED/ OWNER INSTALL
CS	CHANGING STATIONS			X	
GB	GRAB BARS			X	
MH	MOP HOLDERS			X	
M	MIRRORS			X	
TD	PAPER TOWEL DISPENSERS		X		
ND	SANITARY NAPKIN DISPOSAL		X		
SCSR	SHOWER CURTAIN AND ROD			X	
SS	FOLDING SHOWER SEAT			X	
SD	SOAP DISPENSER		X		
ST	SOAP TRAY			X	
RH	TOILET TISSUE ROLL HOLDER		X		
TH	TOWEL HOOKS			X	

ENLARGED PLAN GENERAL NOTES:

- REFER TO TOILET STALL LEGEND 'TS' FOR CORRESPONDING TOILET ACCESSORIES FOR WATER CLOSETS (WC).
- DEPTH OF ALL TOILET PARTITIONS SHALL HAVE A MINIMUM OF 5'-0" CLEAR INSIDE DIMENSION (MIN).
- SEE EQUIPMENT PLANS FOR TOILET ACCESSORIES IN ROOMS NOT ENLARGED ON THIS SHEET.
- IN HANDICAP TOILET STALLS, THE FLUSH VALVES SHALL ALWAYS BE LOCATED ON THE CLEAR FLOOR SPACE SIDE OF THE STALL PER ADA.
- REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES.
- REFER TO SPECIFICATIONS FOR OWNER FURNISHED ACCESSORIES.
- UNLESS OTHERWISE INDICATED, ALL TOILET ACCESSORIES ARE NEW.

ENLARGED TOILET ROOM NOTES

- PROVIDE FLOOR CURB AS SHOWN ON DETAIL 1-A113B
- SHOWER SEAT (SS) AND SHOWER GRAB BARS (GB AND GB3) AT THIS LOCATION ARE FUTURE (NOT IN CONTRACT) FOR LAVATORY SHEET DETAIL, SEE 2-A110B
- PROVIDE NEW TOILET PARTITIONS

TOILET ACCESSORIES ABBREVIATIONS

- CH: COAT HOOK
- CS: CHANGING STATION
- EW: ELECTRIC WATER COOLER
- DF: DRINKING FOUNTAIN
- FD: FLOOR DRAIN
- FEC: FIRE EXTINGUISHER CABINET
- FE: FIRE EXTINGUISHER
- GB: GRAB BAR
- HD: HAND DRYER
- HRD: HAIR DRYER
- LA: LAVATORY
- M: MIRROR
- MH: MOP HOLDER
- ND: NAPKIN DISPOSAL
- NV: NAPKIN VENDOR
- RH: ROLL HOLDER (TOILET PAPER DISPENSER)
- UR: URINAL
- US: URINAL SCREEN
- SC: SHOWER CURTAIN
- SD: SOAP DISPENSER
- SR: SHOWER ROD
- SSL: L-SHAPED SHOWER SET
- SSR: RECTANGULAR SHOWER SEAT
- ST: SOAP TRAY
- TD: TOWEL DISPENSER (PAPER)
- TDD: TOWEL DISPENSER (TOWEL DISPOSAL PAPER)
- TH: TOWEL HOOK
- WC: WATER CLOSET
- WF: WASHFOUNTAIN
- WR: WASTE RECEPTACLE

\*THIS IS A MASTER LIST OF TOILET ACCESSORIES. NOT ALL ARE APPLICABLE



**222154.00  
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GRANDSTAND  
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CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

5201 E Main Street, Carmel, IN 46033  
317-844-9961

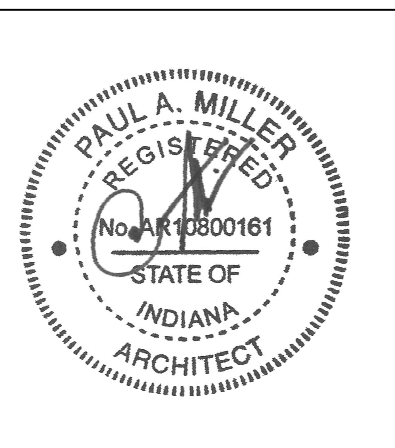


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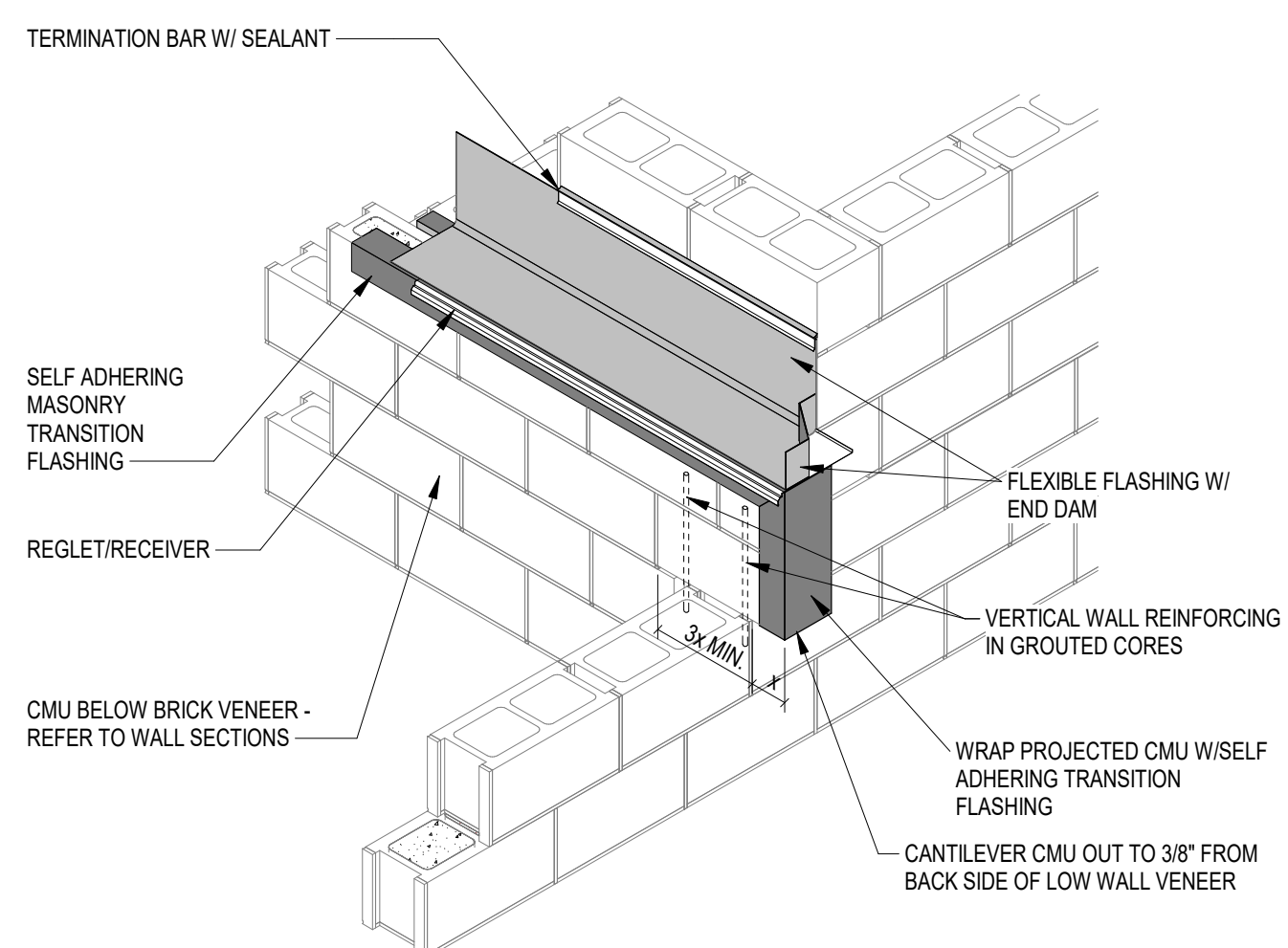


PROJECT MANAGER: MKS  
DRAWN BY: TPV  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.28.2024

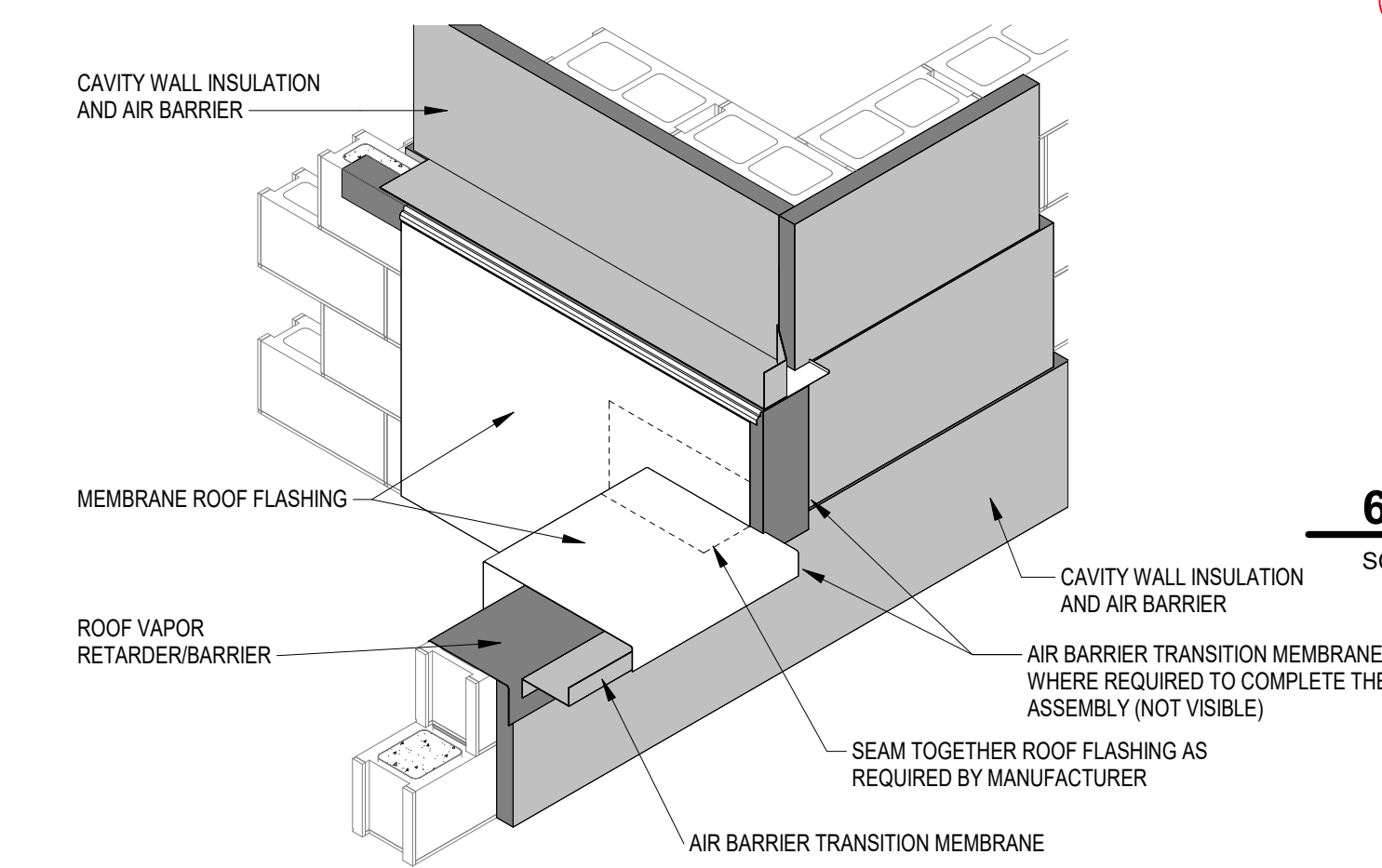
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

ROOF DETAILS

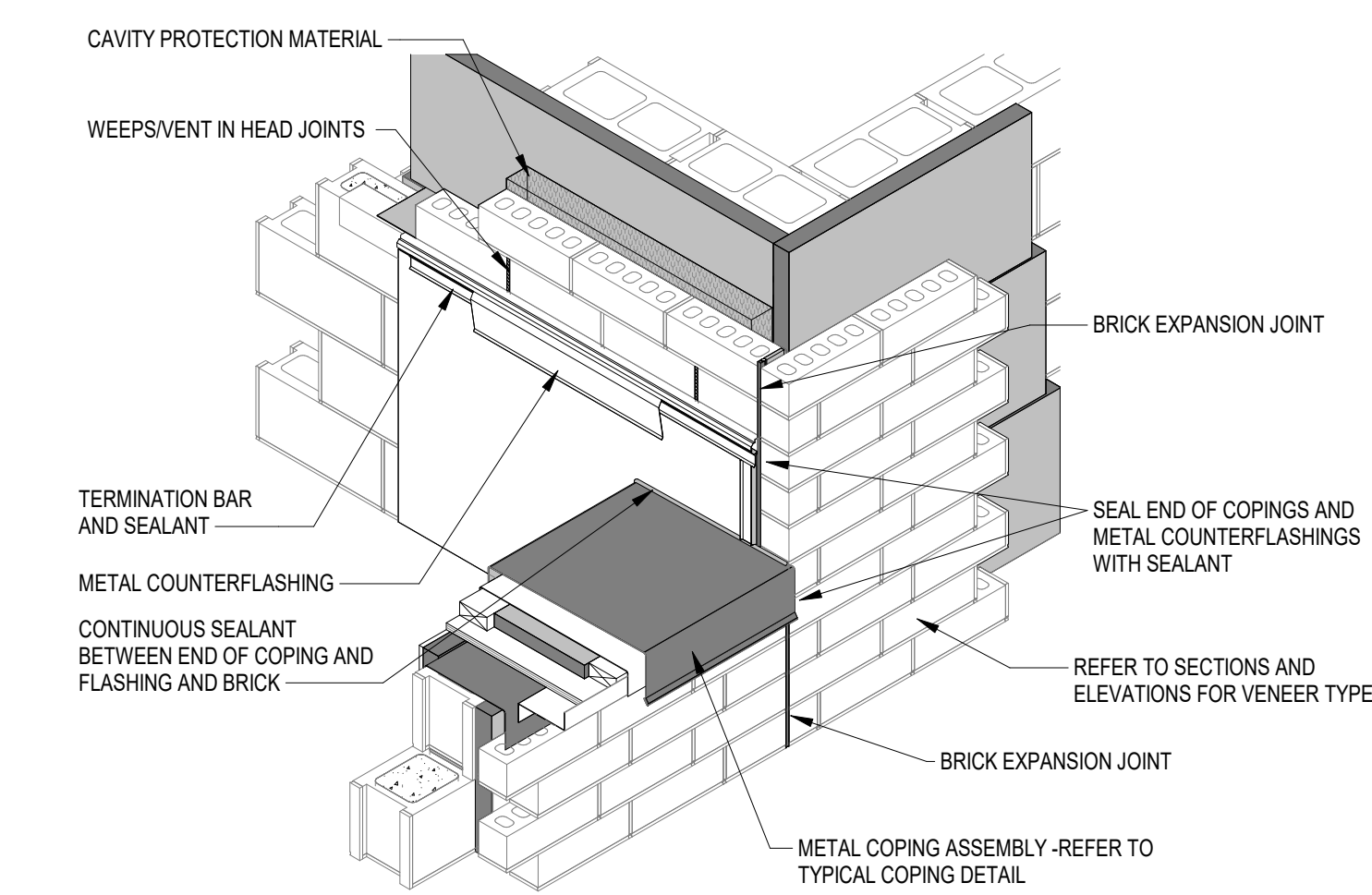
**A2.02**



**CMU AND MASONRY FLASHINGS**

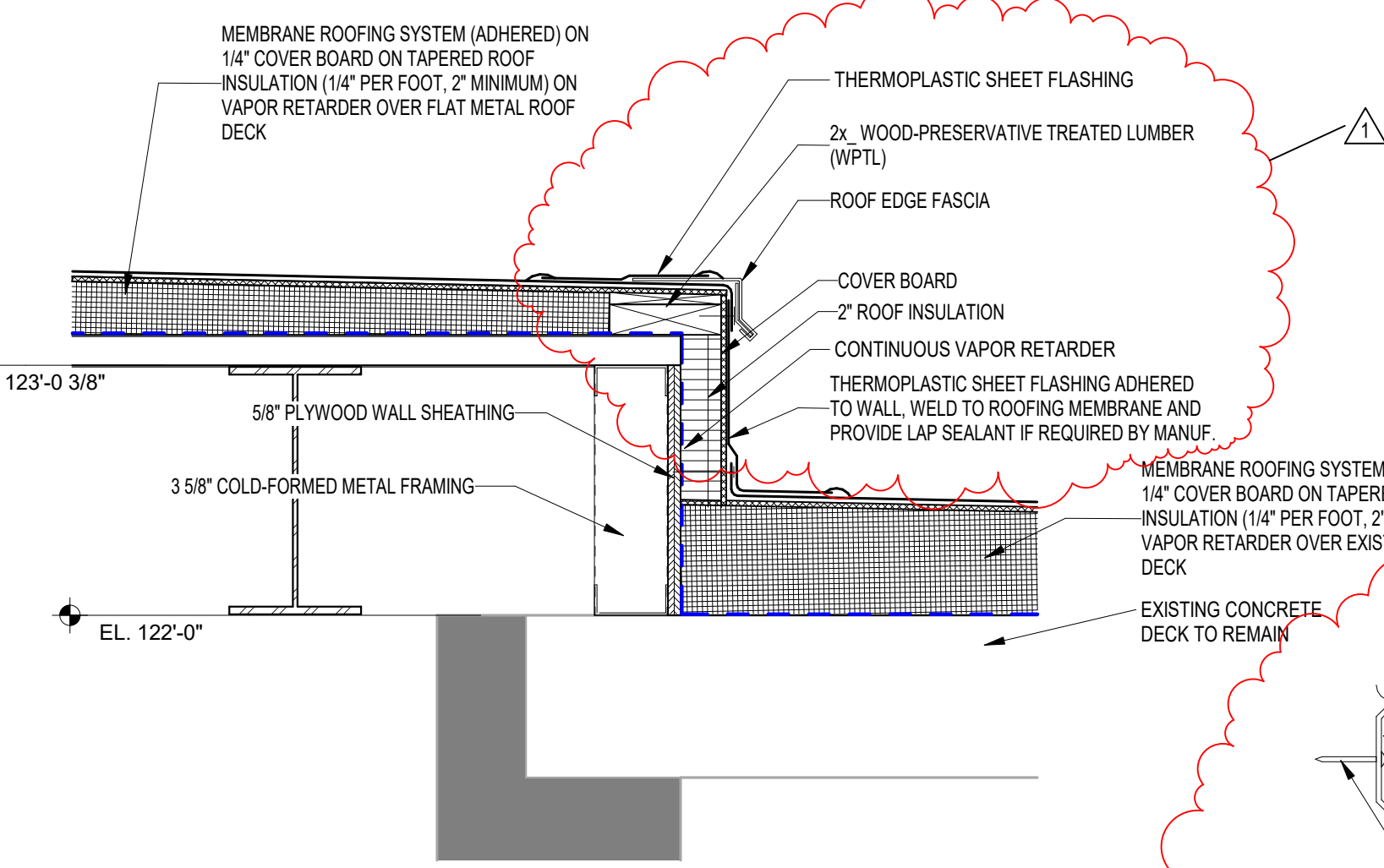


**AIR BARRIER AND ROOF FLASHINGS**

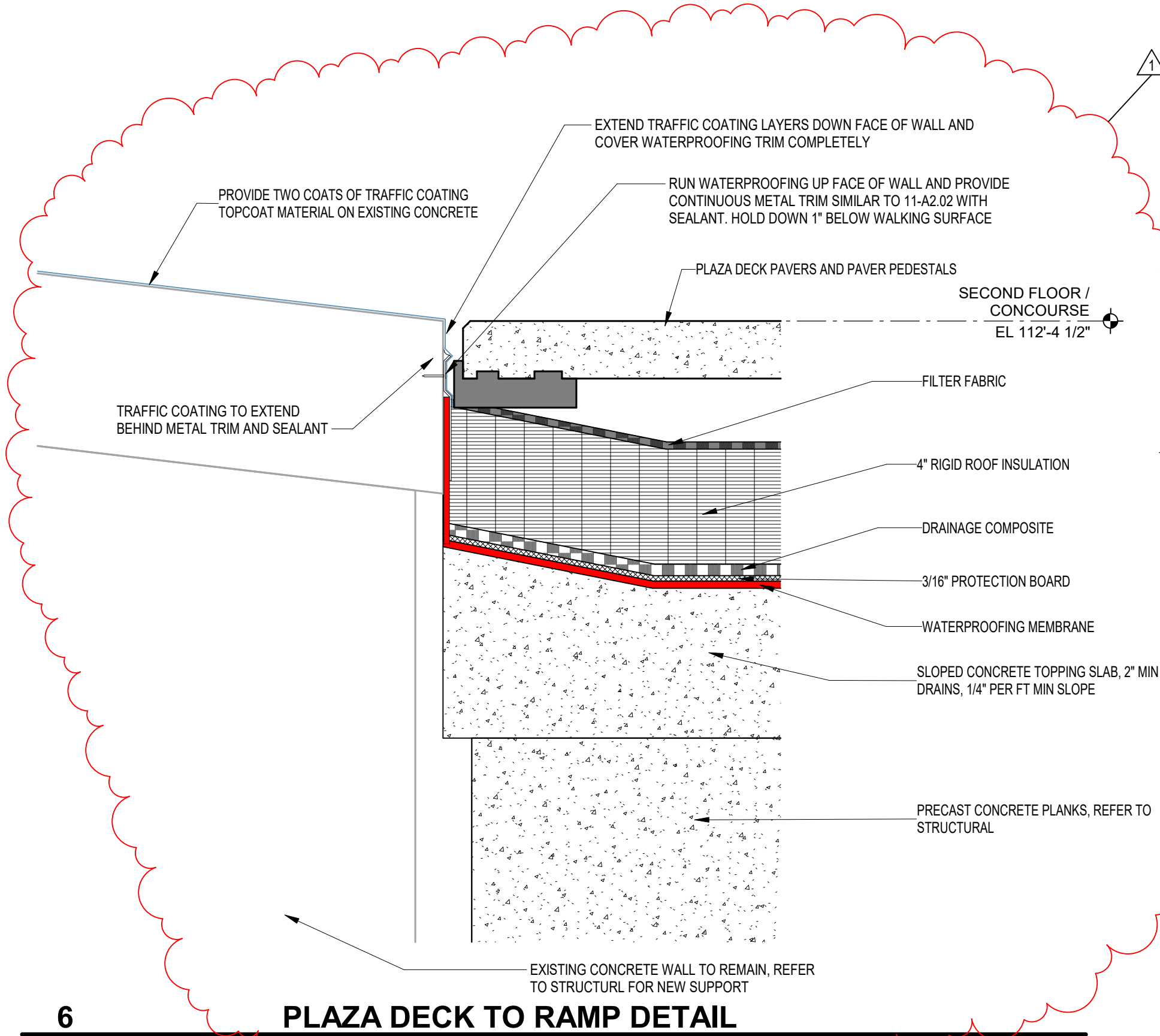


**FINISH MATERIALS**

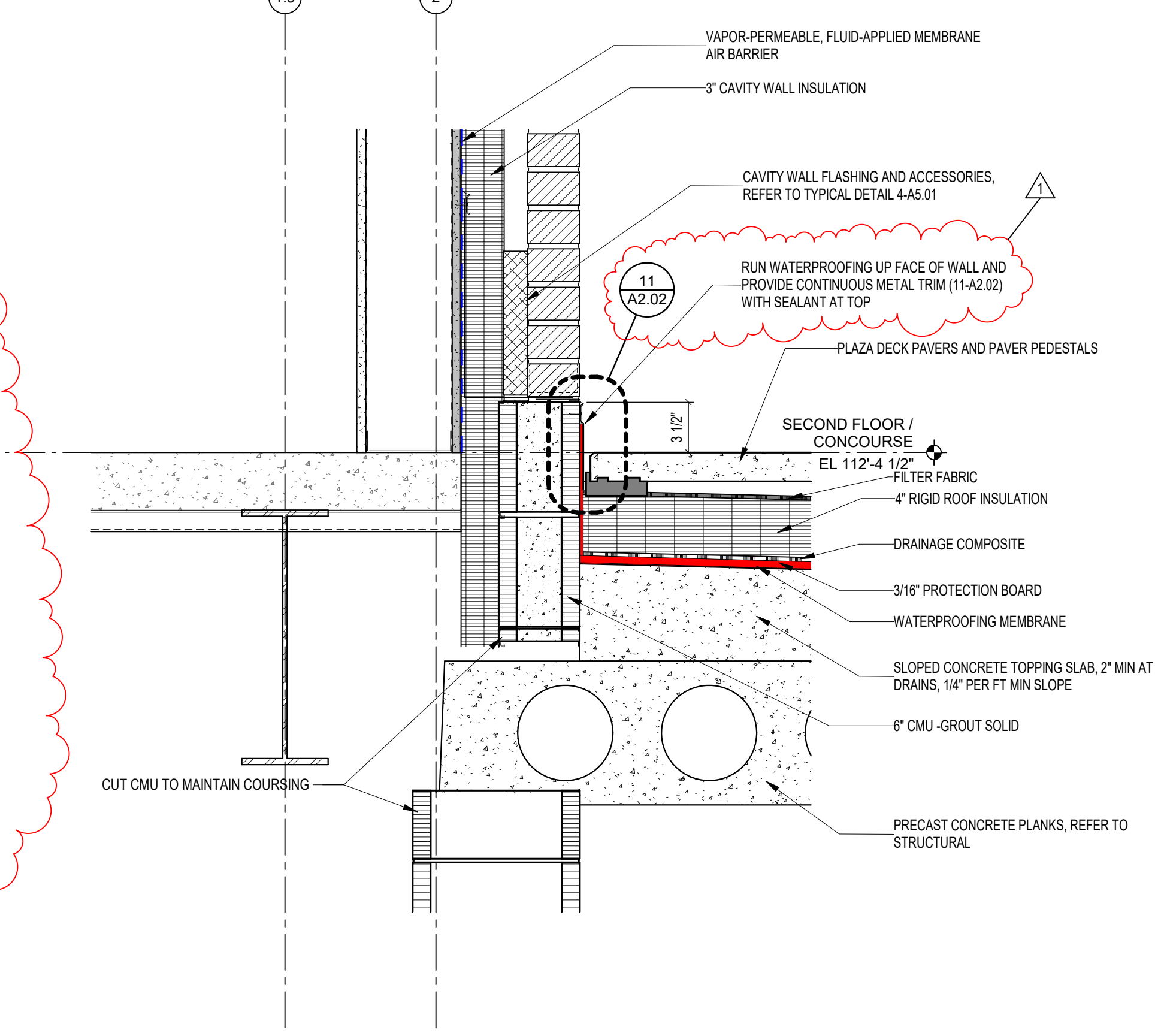
**10 (A5-994) TYPICAL COPING WALL INTERSECTION**



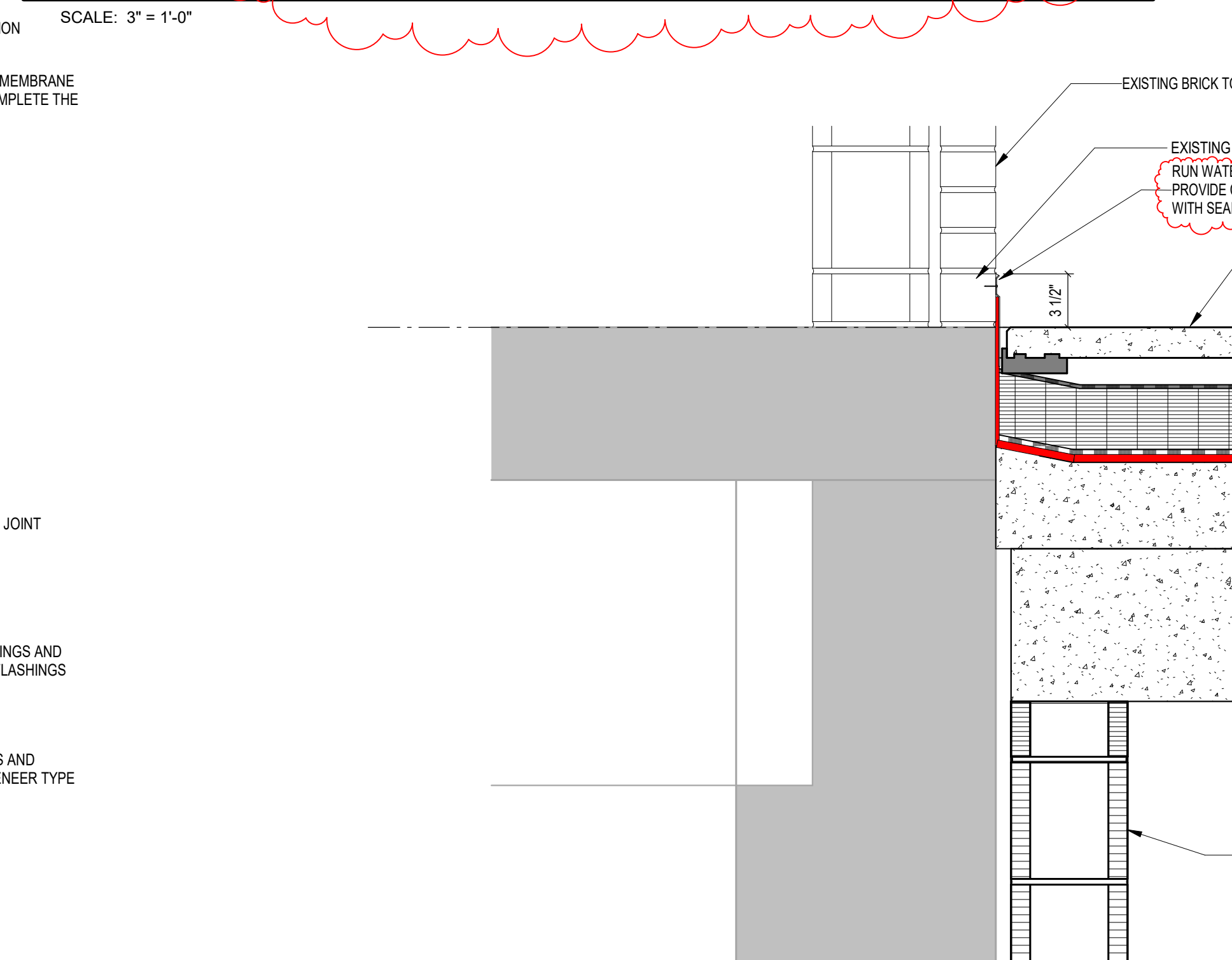
**NEW TO EXIST ROOF TRANSITION**



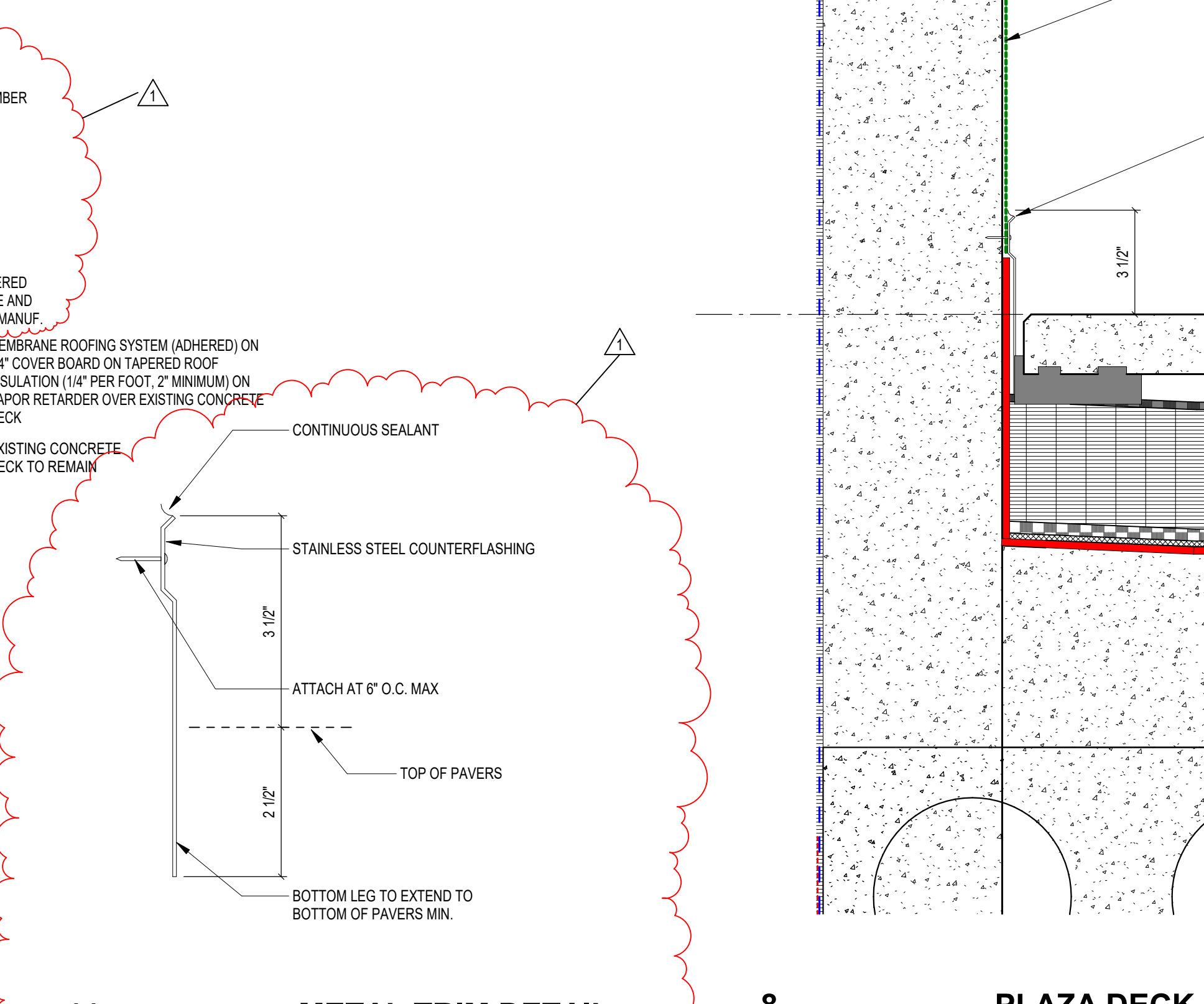
**PLAZA DECK TO RAMP DETAIL**



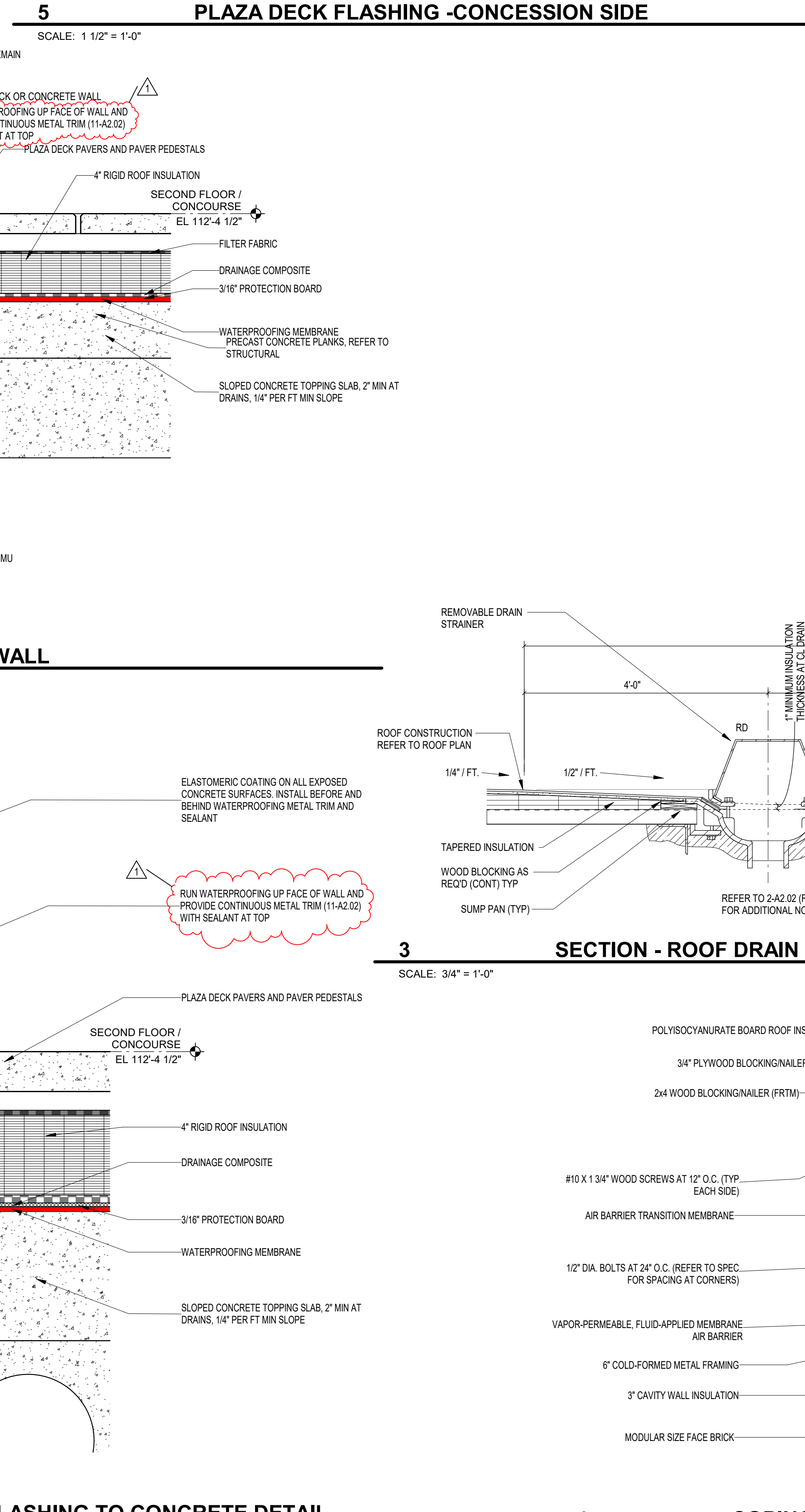
**PLAZA DECK FLASHING - CONCESSION SIDE**



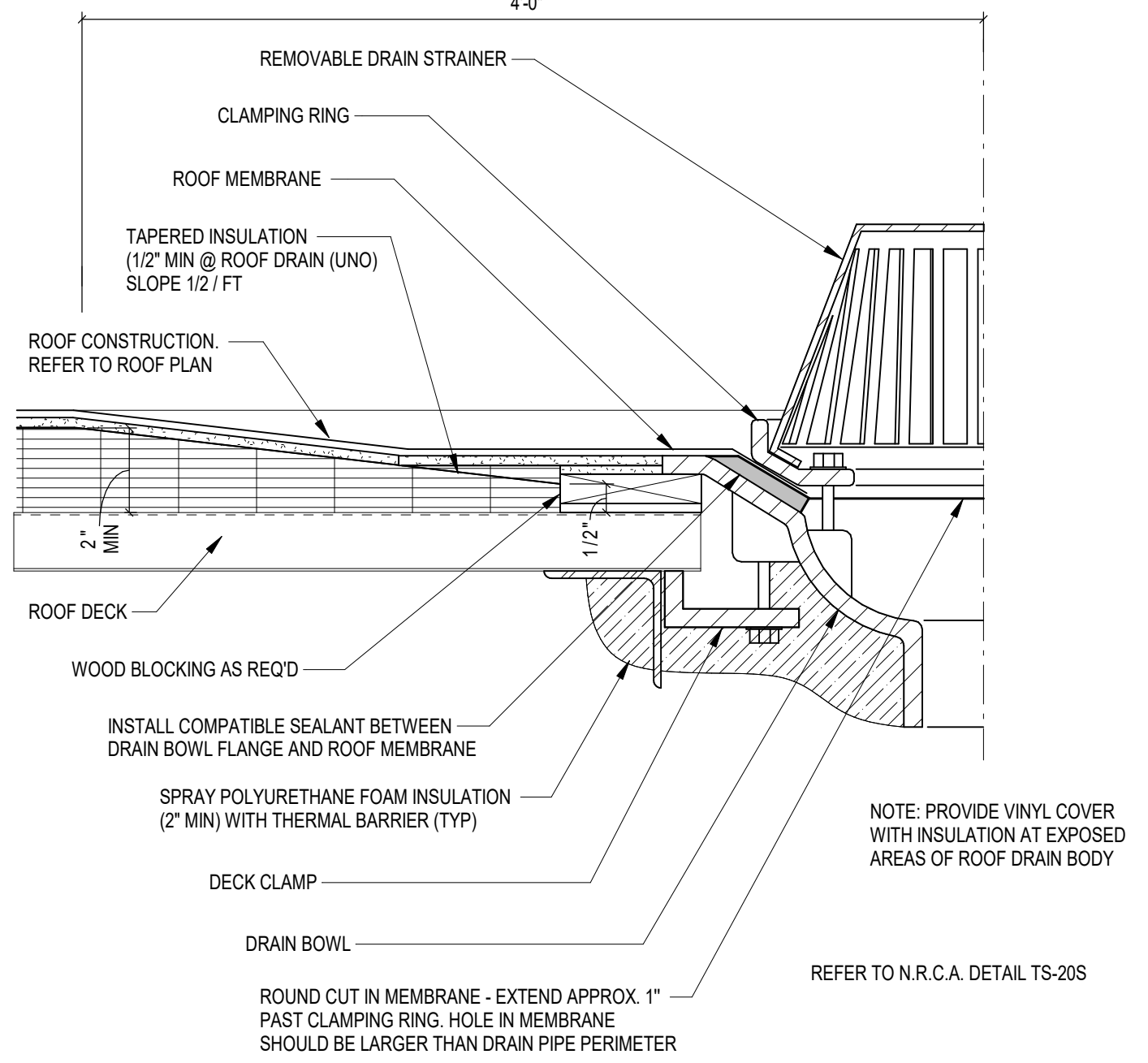
**PLAZA DECK FLASHING TO EXISTING WALL**



**METAL TRIM DETAIL**

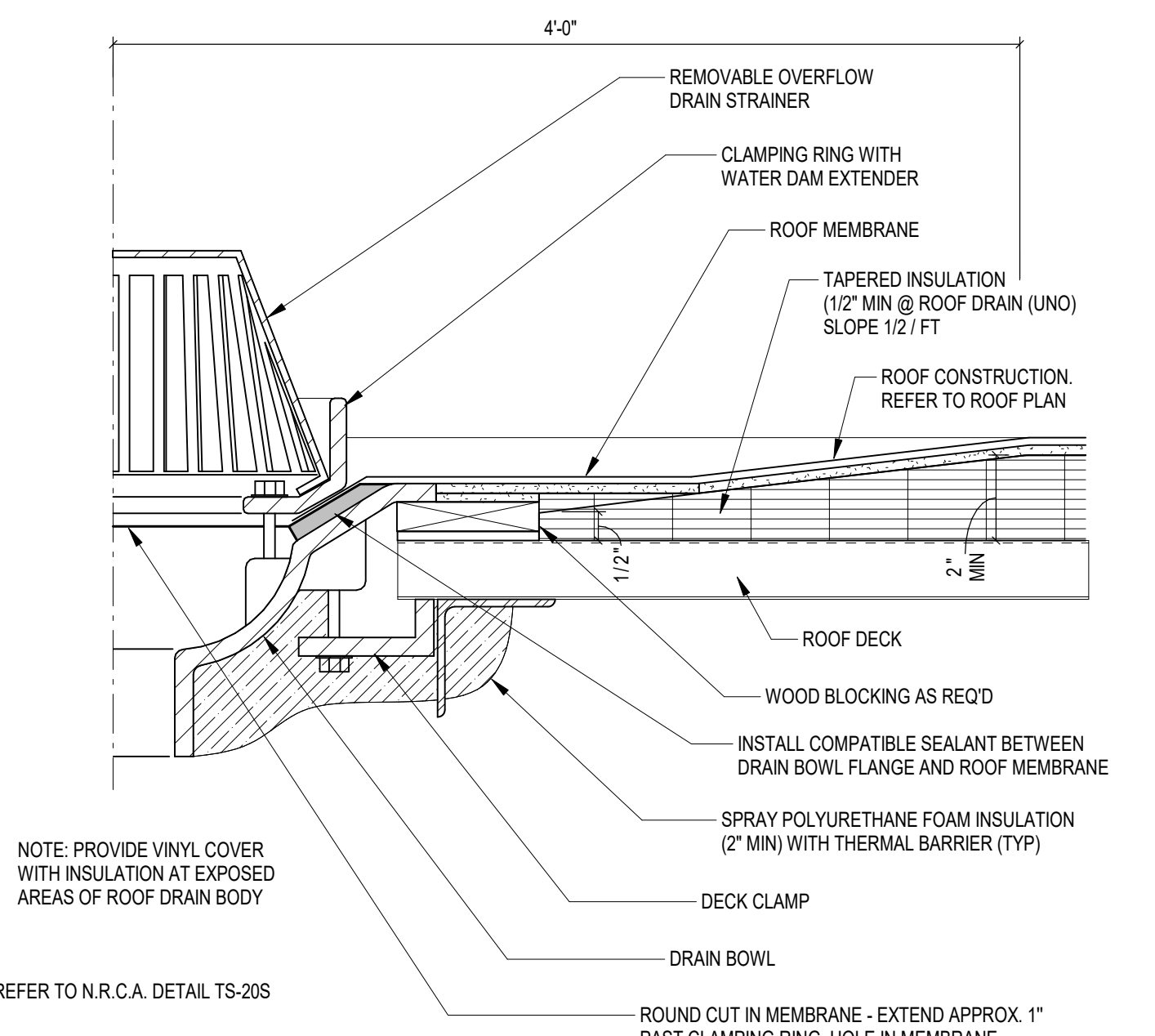


**PLAZA DECK FLASHING TO CONCRETE DETAIL**



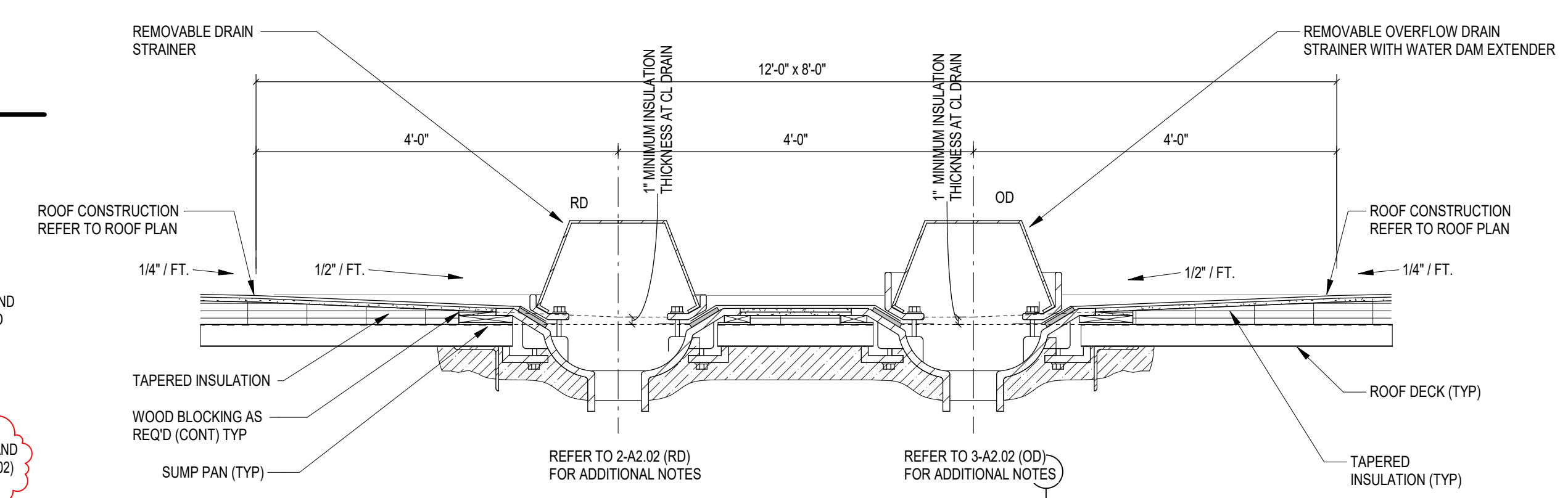
**ROOF DRAIN (RD)**

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



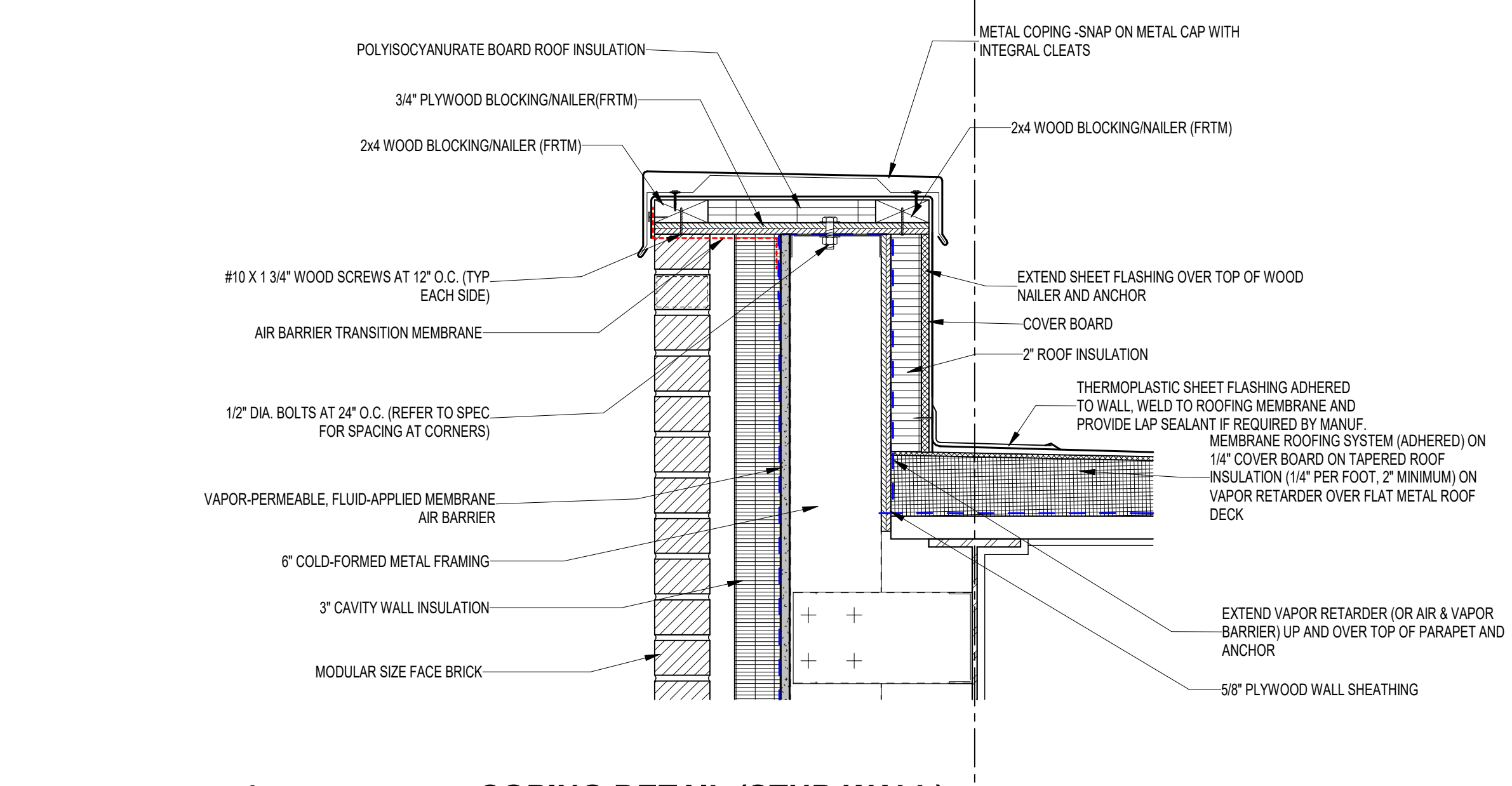
**OVERFLOW DRAIN (OD)**

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



**SECTION - ROOF DRAIN (RD) / OVERFLOW DRAIN (OD) - FLAT METAL DECK**

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



**COPING DETAIL (STUD WALL)**

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

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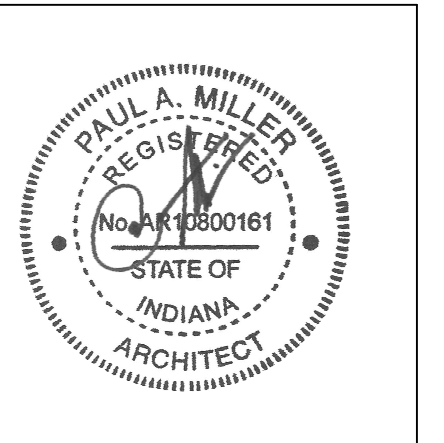


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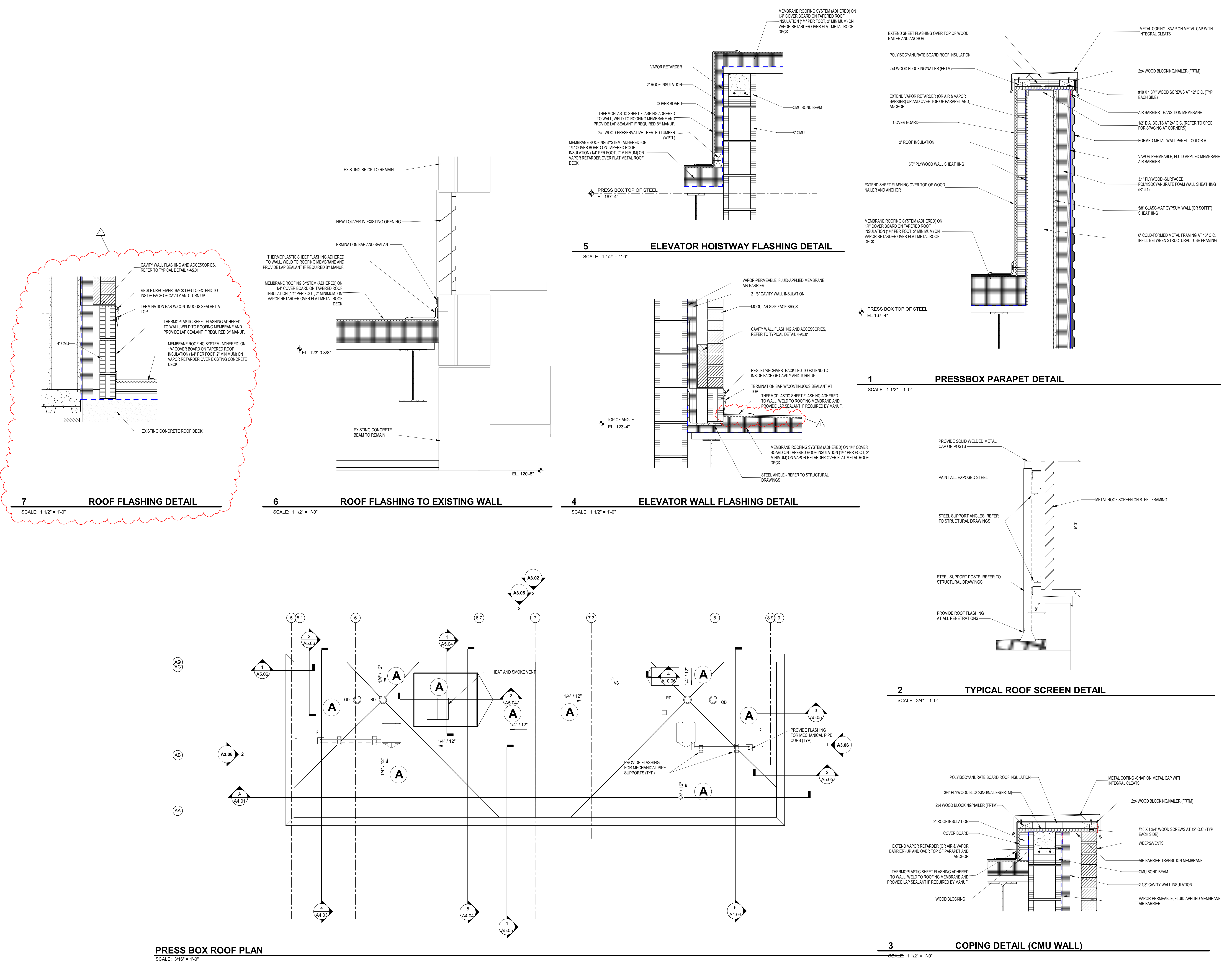


PROJECT MANAGER: MKS  
DRAWN BY: TPV  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

PRESSBOX ROOF PLAN - ROOF DETAILS

**A2.03**





# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E Main Street, Carmel, IN 46033  
317-844-9961



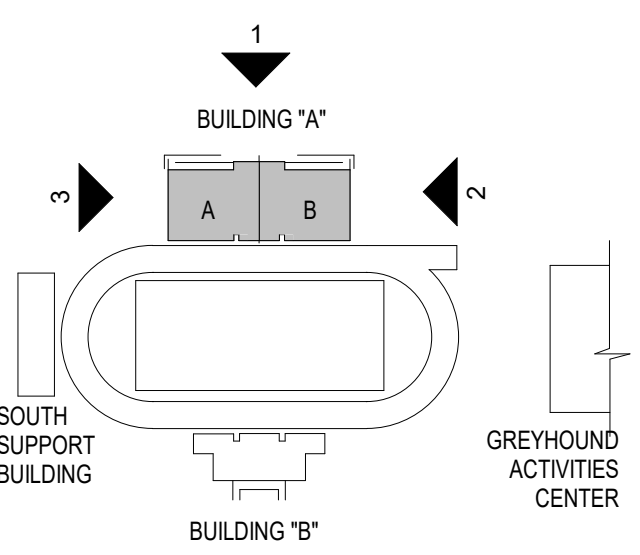
ARCHITECT



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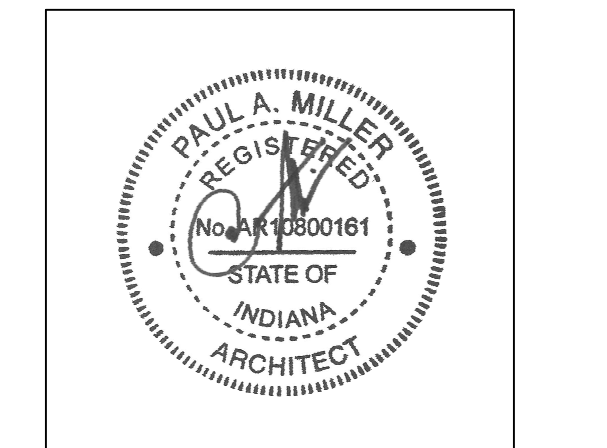
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### KEY PLAN

100% CONSTRUCTION DOCUMENTS

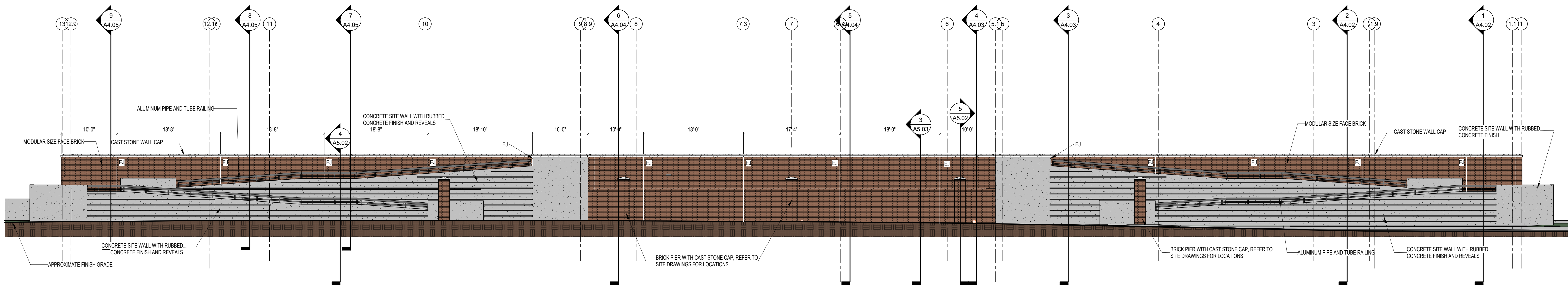


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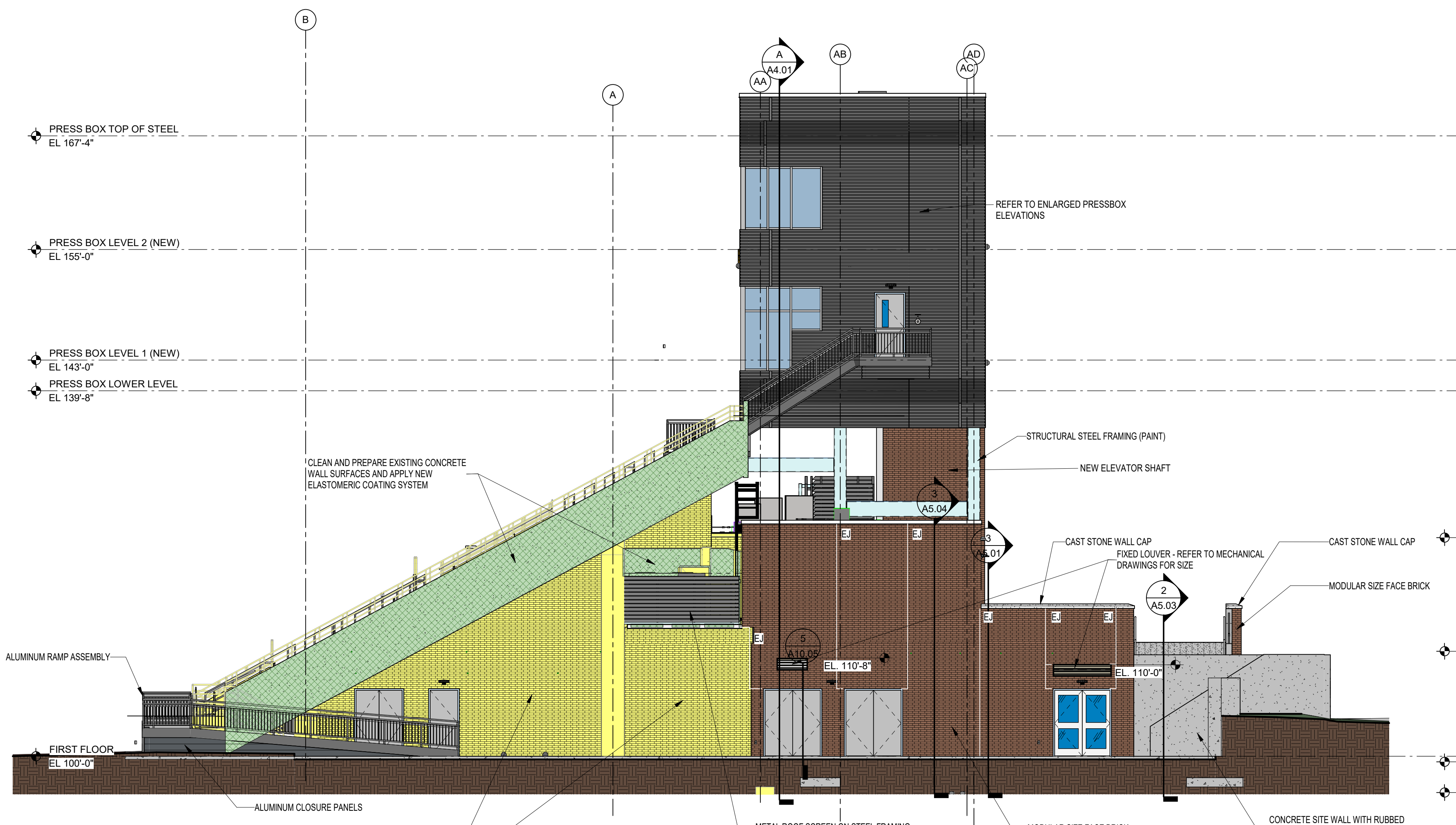
BUILDING A ELEVATIONS

# A3.03



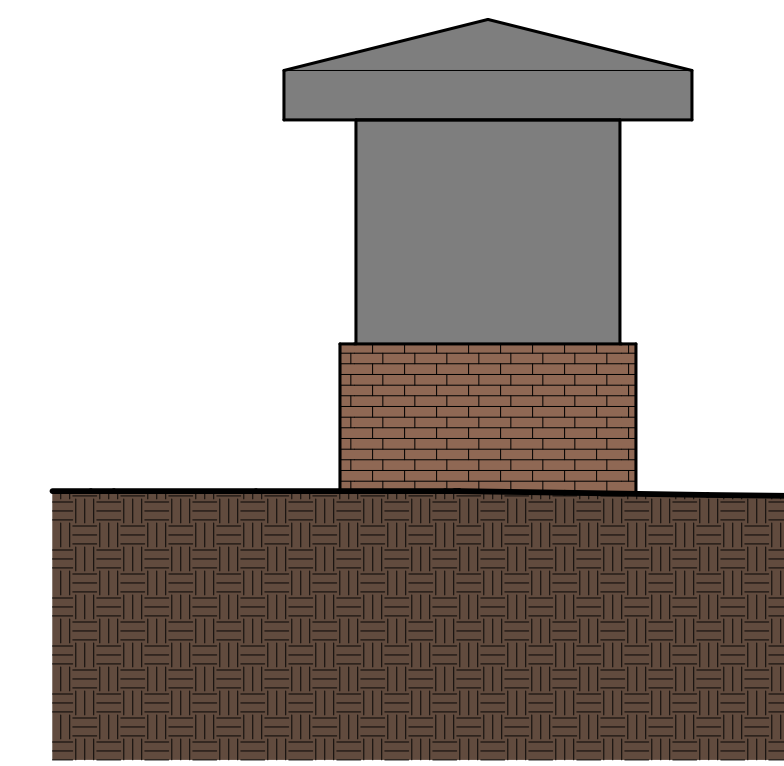
**1 WEST ELEVATION BUILDING A - FRONT WALLS**

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



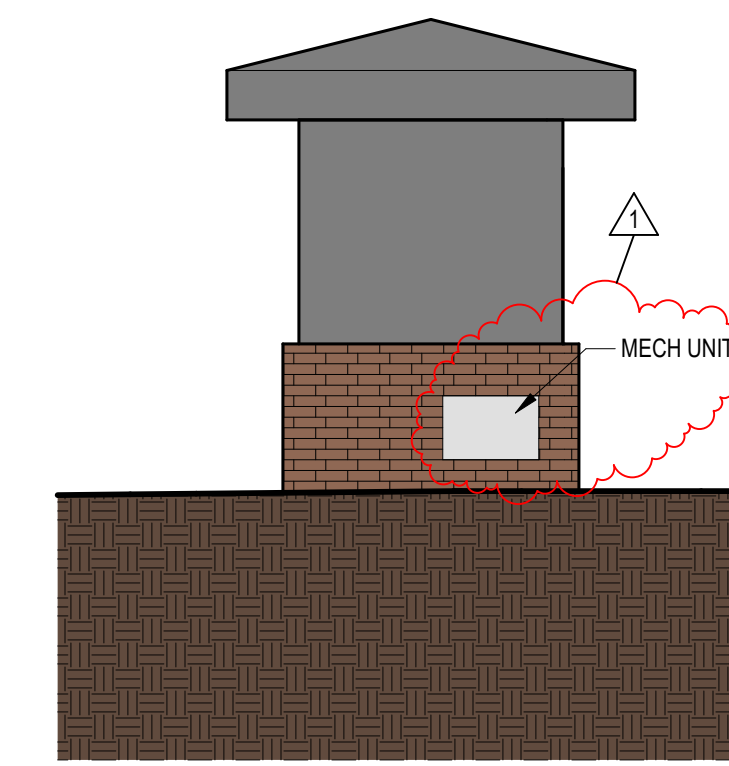
**2 NORTH ELEVATION BUILDING A**

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



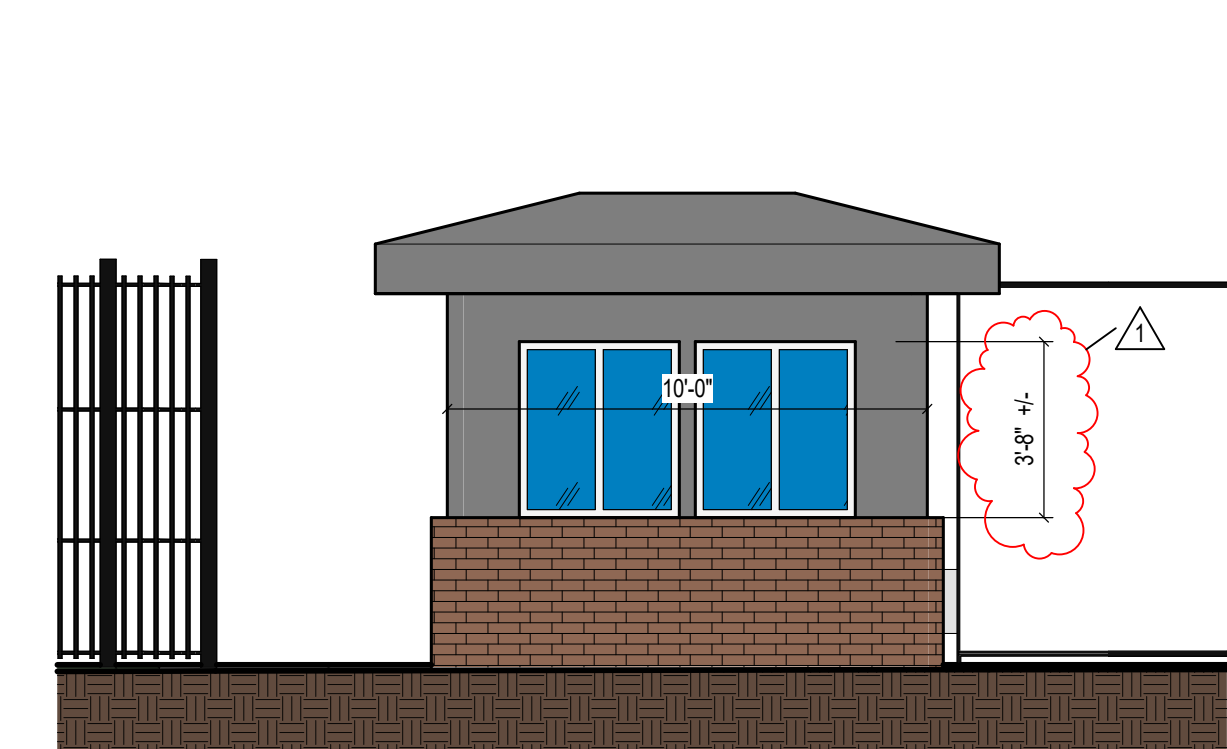
**6 TICKET BOOTH NORTH ELEVATION**

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



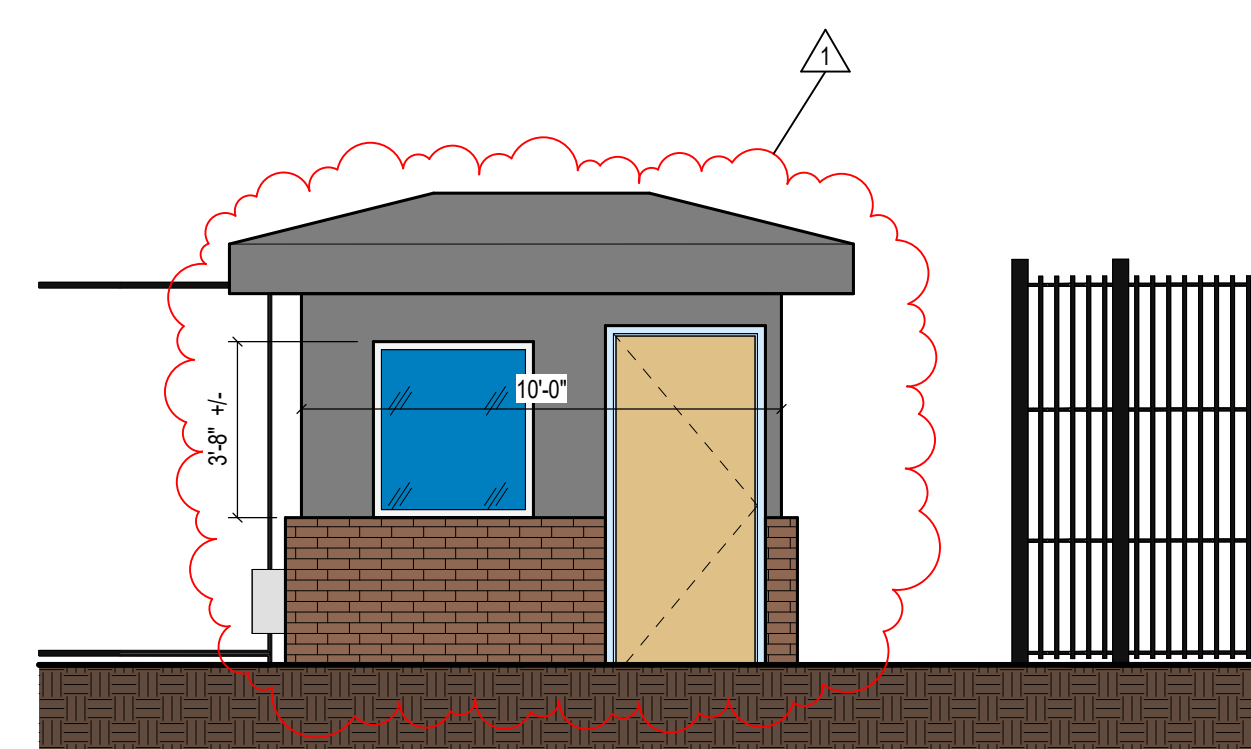
**7 TICKET BOOTH SOUTH ELEVATION**

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



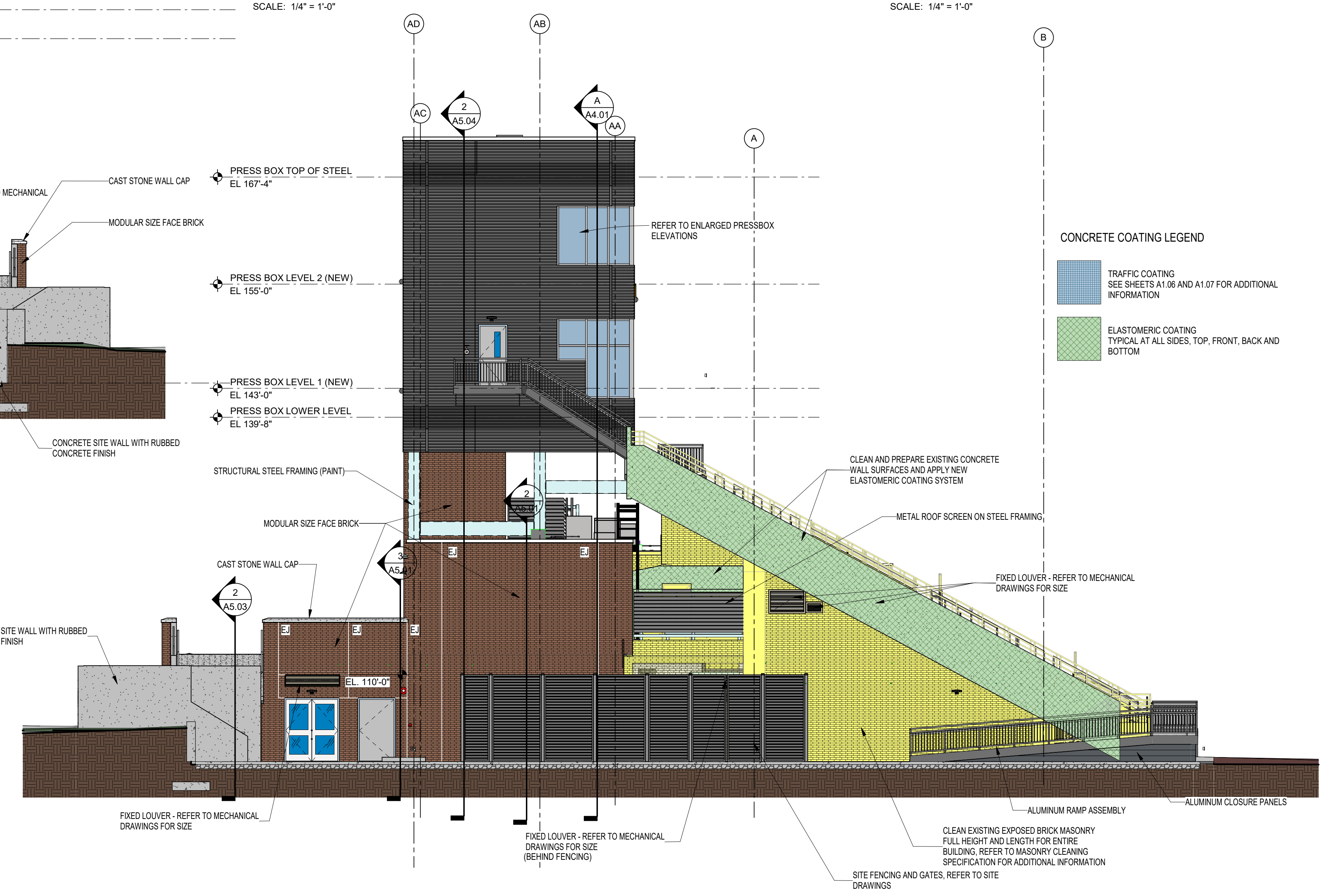
**4 TICKET BOOTH WEST ELEVATION**

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



**5 TICKET BOOTH EAST ELEVATION**

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



**3 SOUTH ELEVATION BUILDING A**

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

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**222154.00  
CARMEL HIGH SCHOOL STADIUM  
GRANDSTAND  
RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

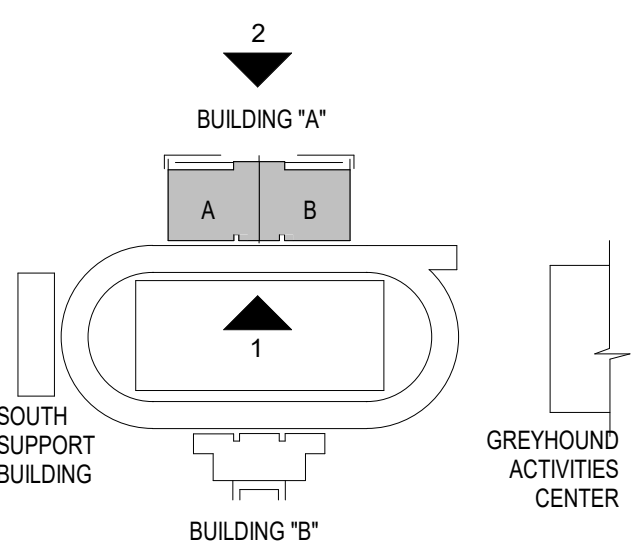
5201 E. Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

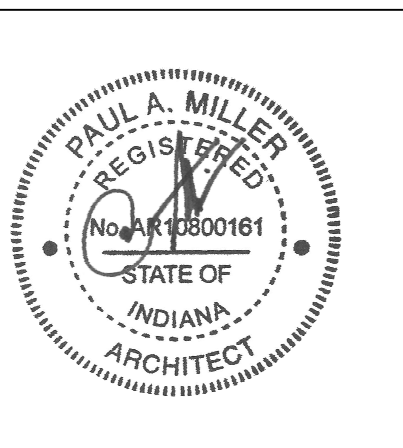


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350 E. NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: TPV  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

**PRESS BOX ELEVATIONS**

**A3.05**

**ELEVATION GENERAL NOTES**

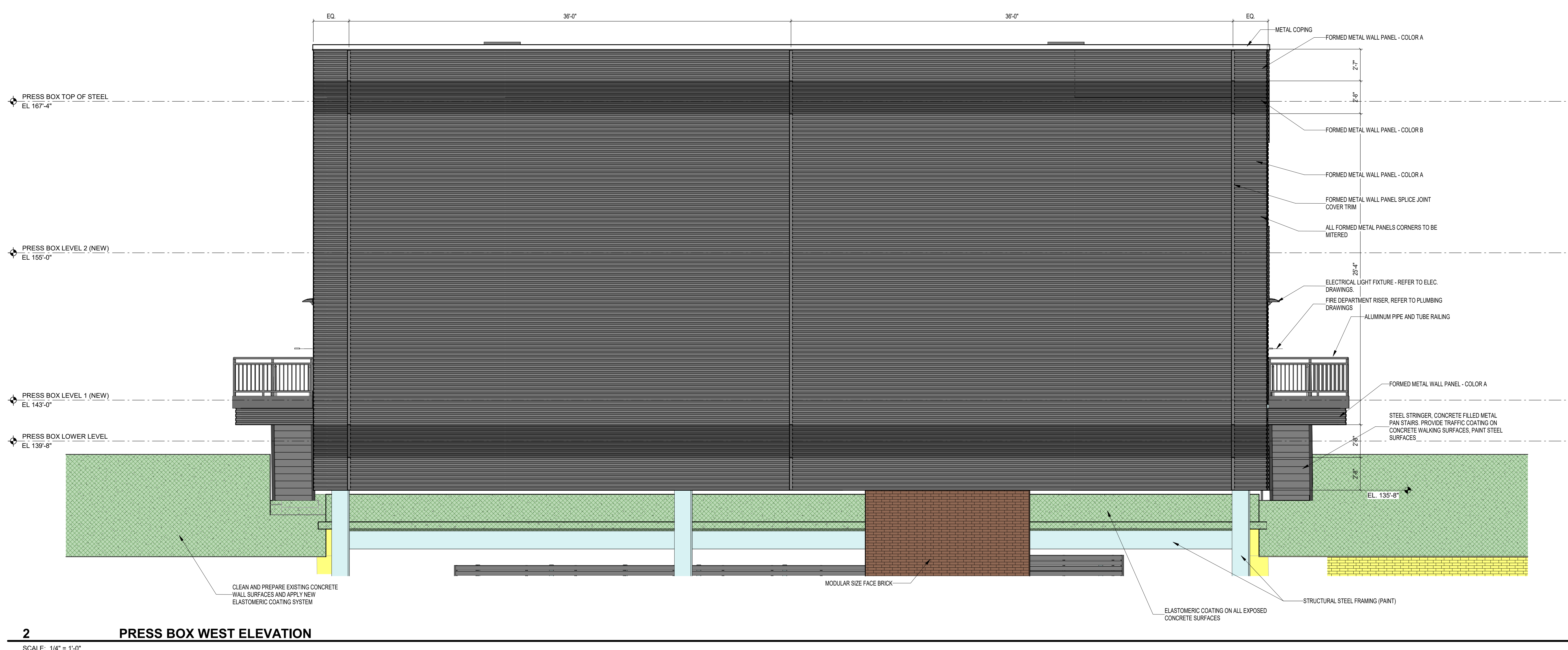
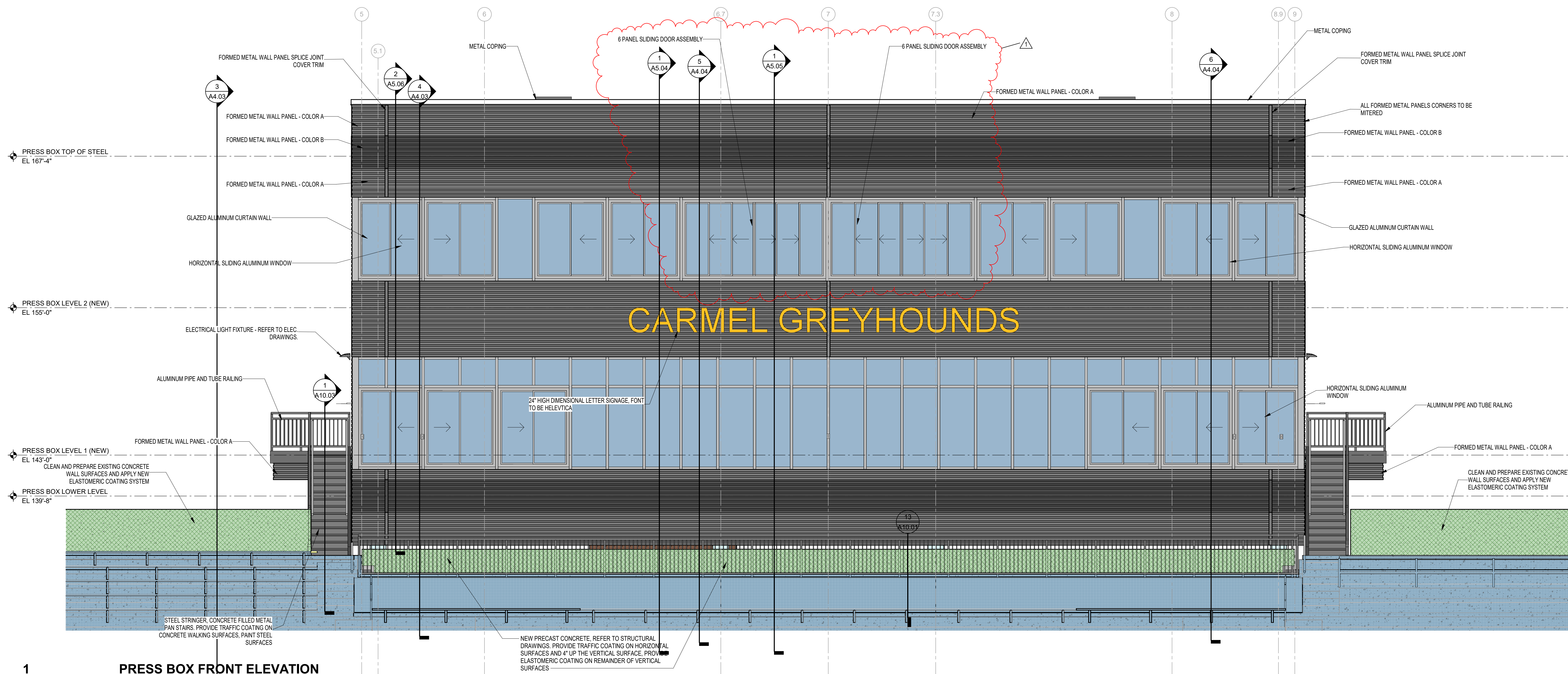
- REFER TO THE ELECTRICAL AND TECHNOLOGY DRAWINGS FOR CAMERA, LOCATIONS, SECURITY DEVICES, RECEPTACLES, LIGHT FIXTURES, ETC. COORDINATE LOCATIONS WITH VENER COURSING TO PROVIDE CONSISTENT MOUNTING HEIGHTS.
- REFER TO PLUMBING DRAWINGS FOR EXTERIOR WALL HYDRANTS, SECONDARY ROOF DRAIN OUTLETS, ETC. COORDINATE PENETRATIONS THROUGH EXTERIOR ENVELOPE WITH OTHER TRADES. PROVIDE TRANSITION MEMBRANE TO MAINTAIN AIR BARRIER SYSTEM.
- REFER TO MECHANICAL DRAWINGS FOR EXTERIOR LOUVER LOCATIONS LOCATED IN EXTERIOR WALL AND EXTERIOR SOFFITS. COORDINATE PENETRATIONS THROUGH EXTERIOR ENVELOPE WITH OTHER TRADES. PROVIDE TRANSITION MEMBRANE TO MAINTAIN AIR BARRIER SYSTEM.

**CONCRETE COATING LEGEND**

- TRAFFIC COATING  
SEE SHEETS A1.06 AND A1.07 FOR ADDITIONAL INFORMATION
- ELASTOMERIC COATING  
TYPICAL AT ALL SIDES, TOP, FRONT, BACK AND BOTTOM

**VERIFICATION NOTE**

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



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# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

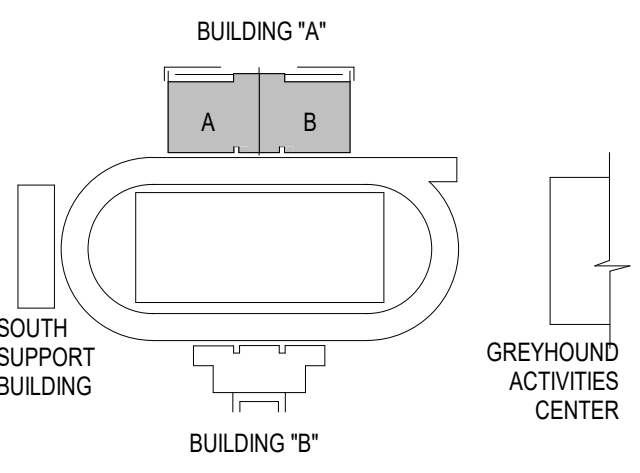
5201 E. Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

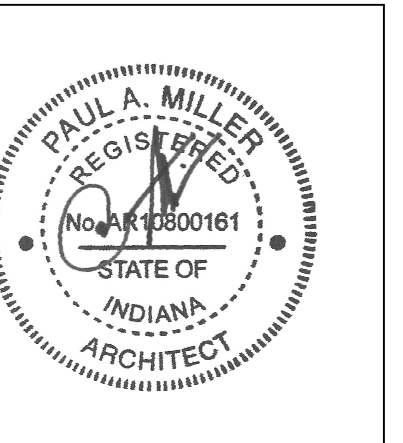


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### KEY PLAN

### 100% CONSTRUCTION DOCUMENTS



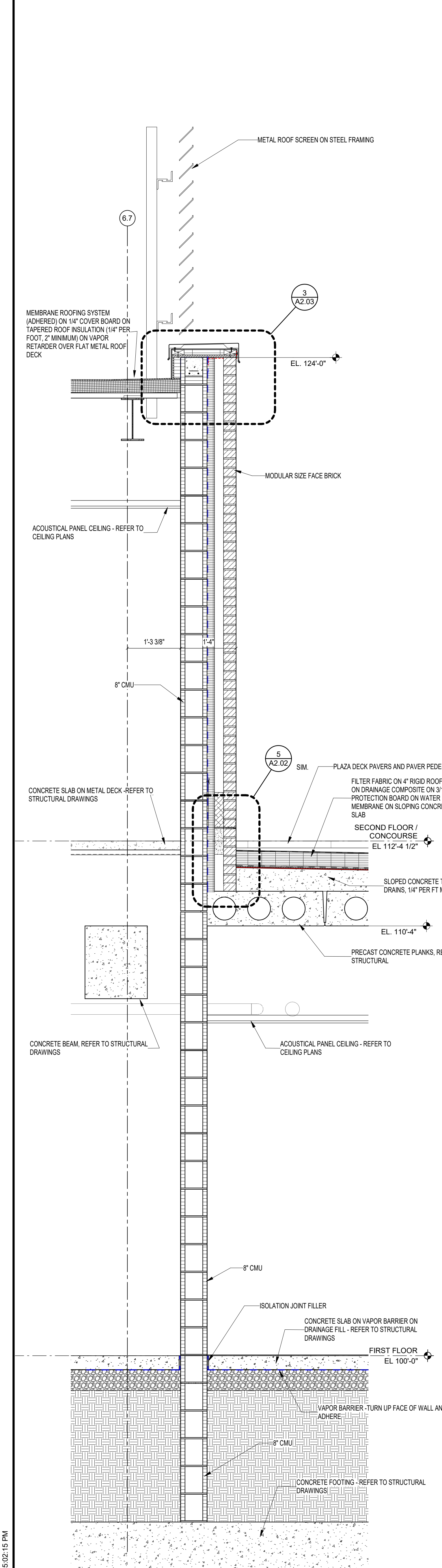
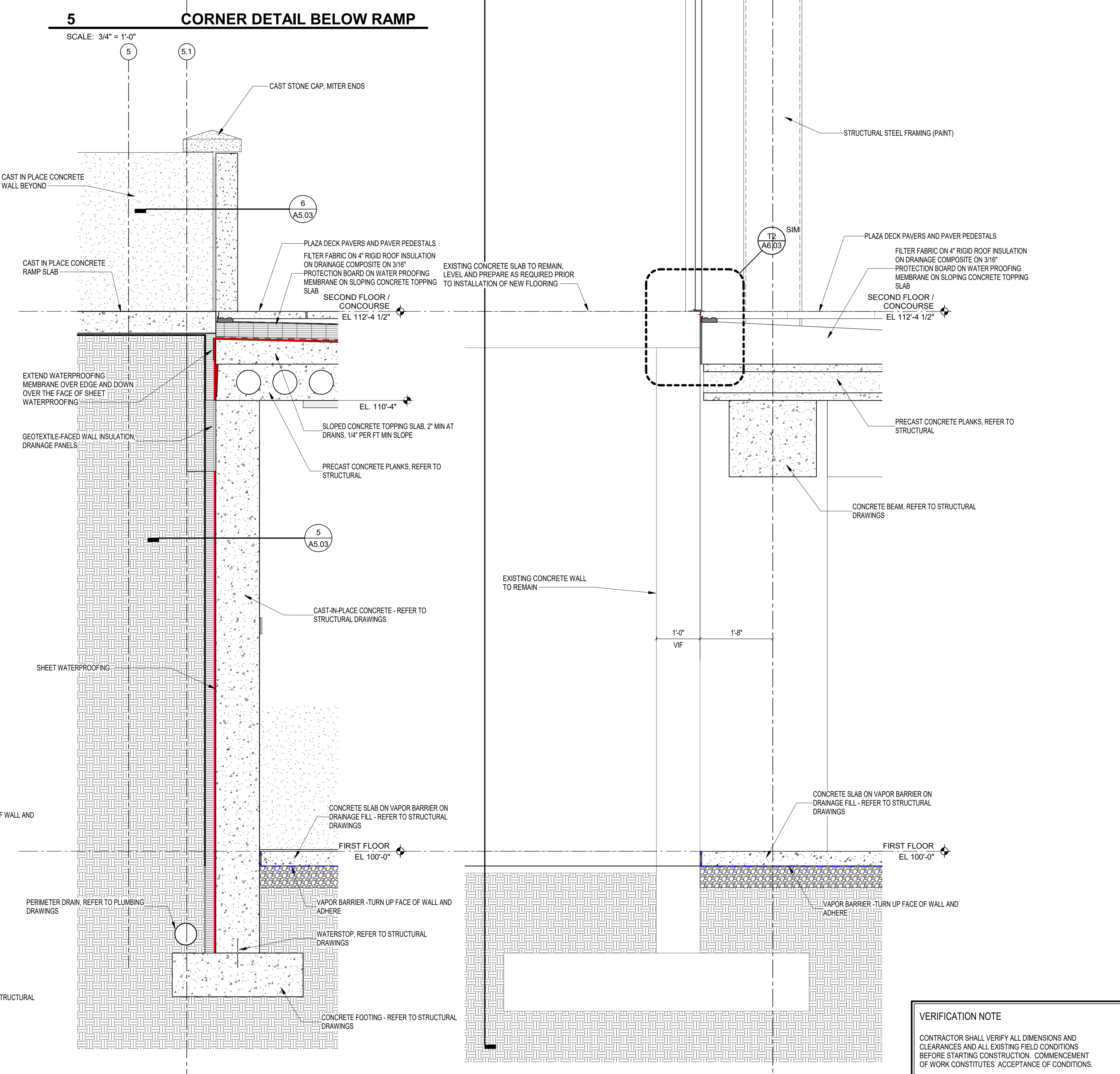
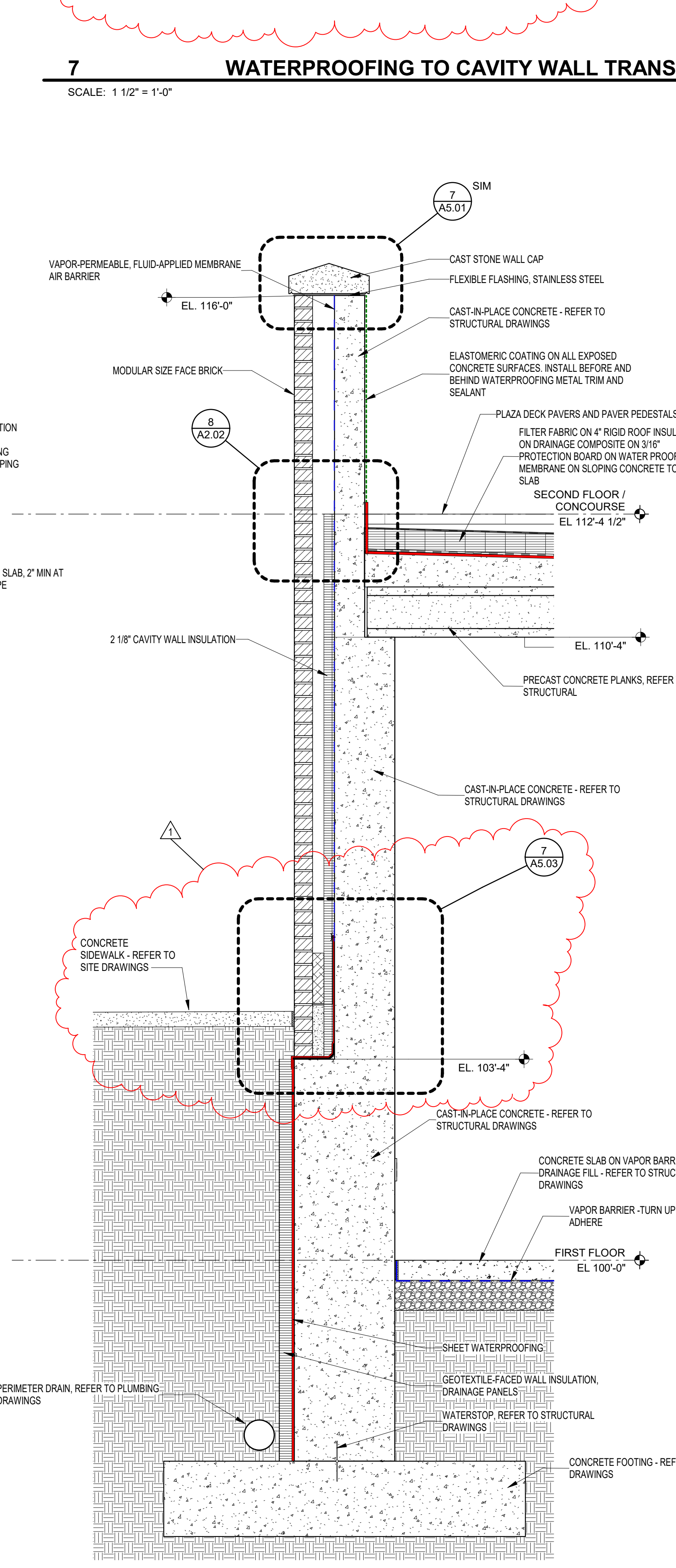
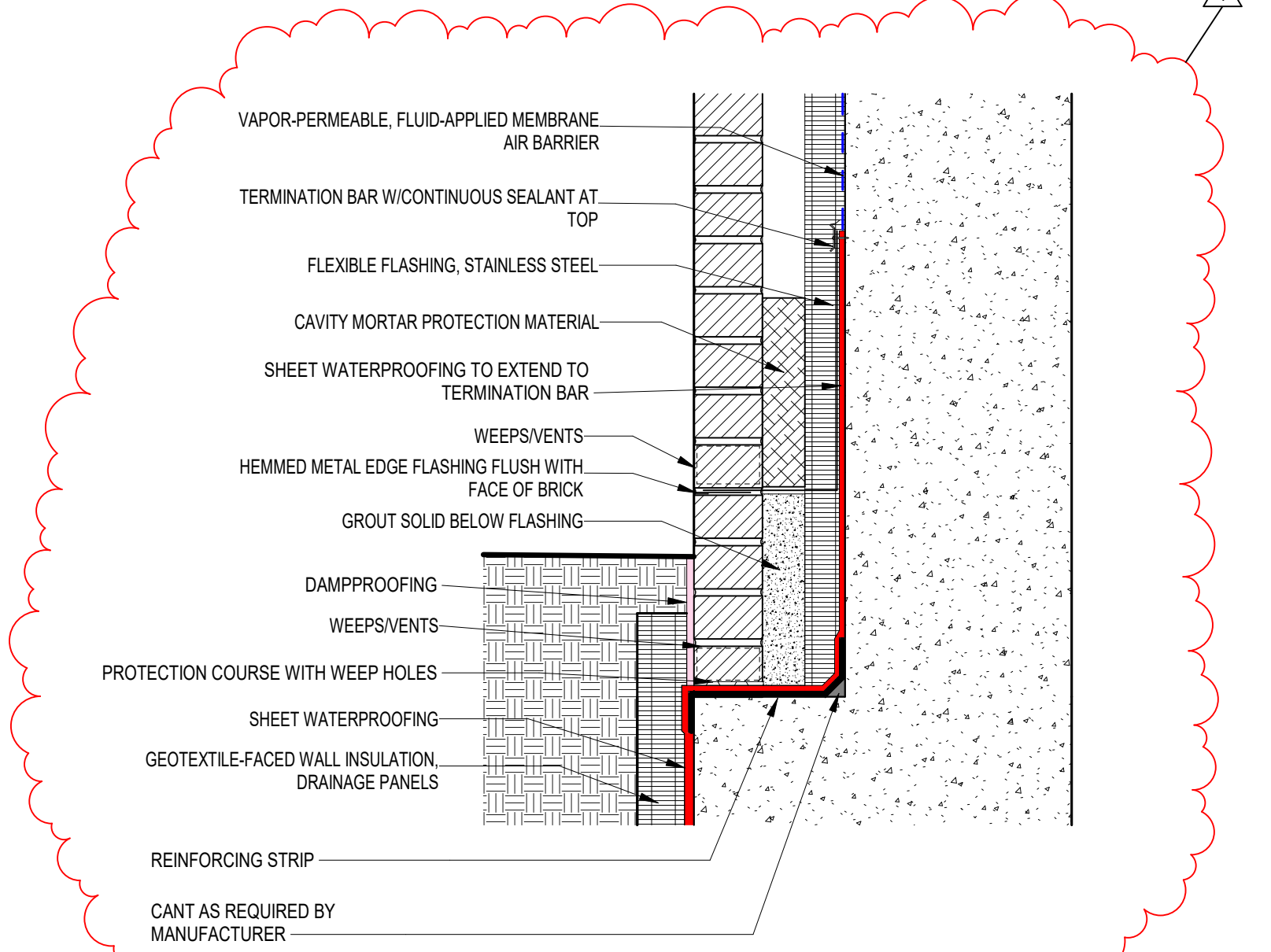
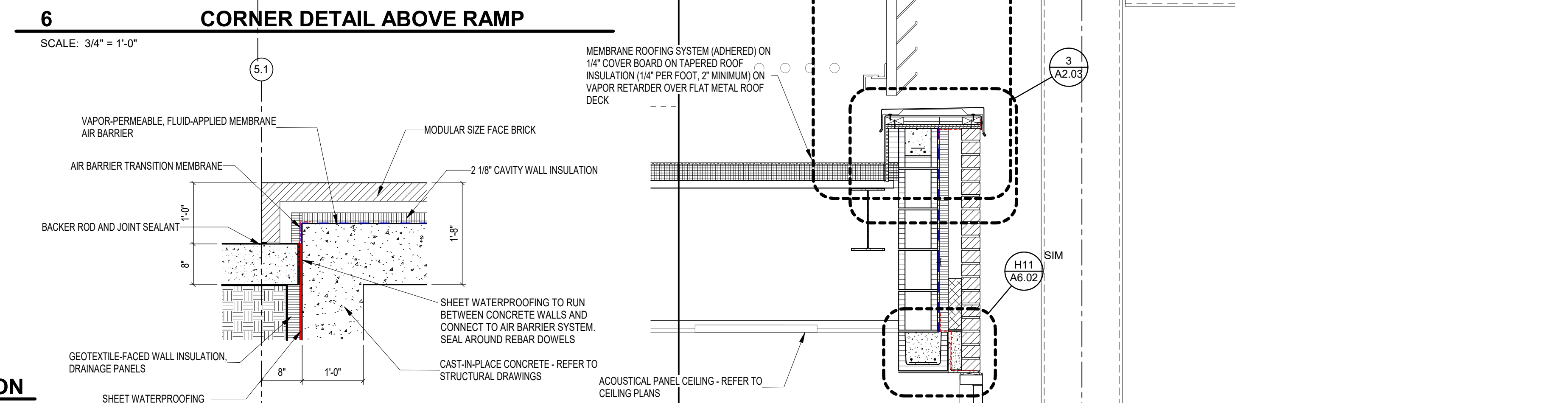
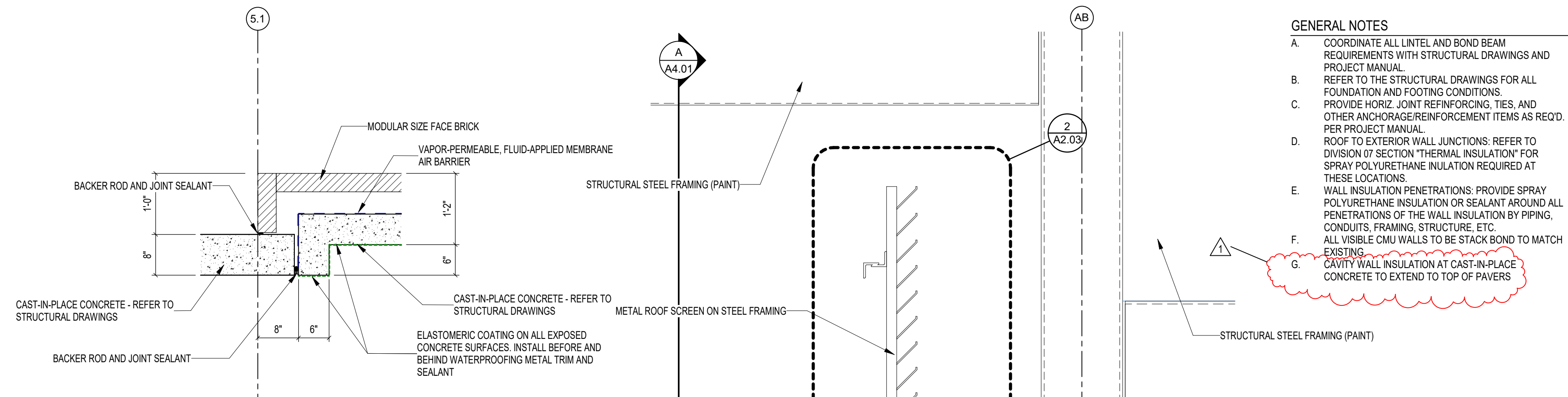
PROJECT MANAGER: MKS  
DRAWN BY: TPV  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.28.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

### WALL SECTIONS

# A5.03

- GENERAL NOTES**
- COORDINATE ALL Lintel AND BOND BEAM REQUIREMENTS WITH STRUCTURAL DRAWINGS AND PROJECT MANUAL.
  - REFER TO THE STRUCTURAL DRAWINGS FOR ALL FOUNDATION AND FOOTING CONDITIONS.
  - PROVIDE HORIZ. JOINT REINFORCING TIES AND OTHER ANCHORAGE/REINFORCEMENT ITEMS AS REQ'D PER PROJECT MANUAL.
  - ROOF TO EXTERIOR WALL JUNCTIONS: REFER TO DIVISION 07 SECTION "THERMAL INSULATION" FOR SPRAY POLYURETHANE INSULATION REQUIRED AT THESE LOCATIONS.
  - WALL INSULATION PENETRATIONS: PROVIDE SPRAY POLYURETHANE INSULATION OR SEALANT AROUND ALL PENETRATIONS OF THE WALL INSULATION BY PIPING, CONDUITS, FRAMING, STRUCTURE, ETC.
  - ALL VISIBLE CMU WALLS TO BE STACK BOND TO MATCH EXISTING.
  - CAVITY WALL INSULATION AT CAST-IN-PLACE CONCRETE TO EXTEND TO TOP OF PAVERS.



**VERIFICATION NOTE**  
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

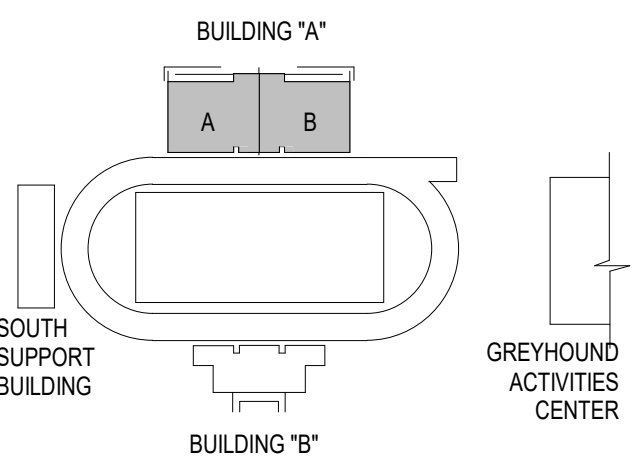
5201 E Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

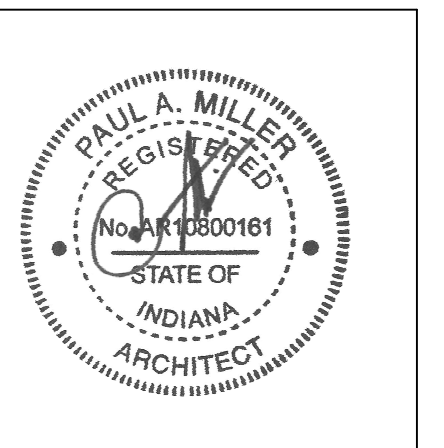


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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



### KEY PLAN

### 100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: TPV  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

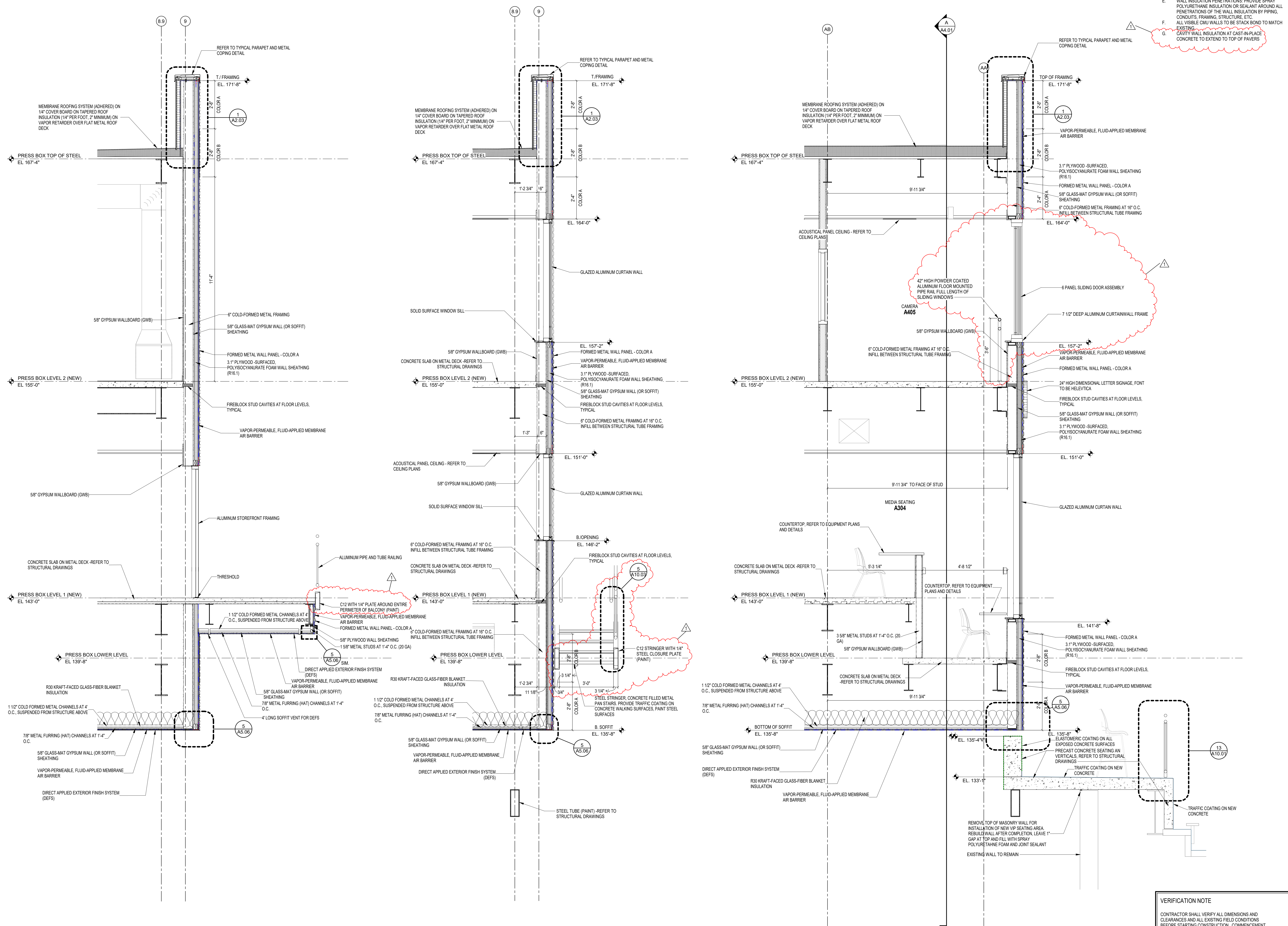
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

### WALL SECTIONS - PRESSBOX

# A5.05

### GENERAL NOTES

- A. COORDINATE ALL LINTEL AND BOND BEAM REQUIREMENTS WITH STRUCTURAL DRAWINGS AND PROJECT MANUAL.
- B. REFER TO THE STRUCTURAL DRAWINGS FOR ALL FOUNDATION AND FOOTING CONDITIONS.
- C. PROVIDE HORIZ. JOINT REINFORCING TIES AND OTHER ANCHORAGE/REINFORCEMENT ITEMS AS REQ'D PER PROJECT MANUAL.
- D. ROOF TO EXTERIOR WALL JUNCTIONS: REFER TO DIVISION 07 SECTION "THERMAL INSULATION" FOR SPRAY POLYURETHANE INSULATION REQUIRED AT THESE LOCATIONS.
- E. WALL INSULATION PENETRATIONS: PROVIDE SPRAY POLYURETHANE INSULATION OR SEALANT AROUND ALL PENETRATIONS OF THE WALL INSULATION BY PIPES, CONDUITS, FRAMING, STRUCTURE, ETC.
- F. ALL VISIBLE CMU WALLS TO BE STACK BOND TO MATCH EXISTING.
- G. CAVITY WALL INSULATION AT CAST-IN-PLACE CONCRETE TO EXTEND TO TOP OF PAVERS.



### VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

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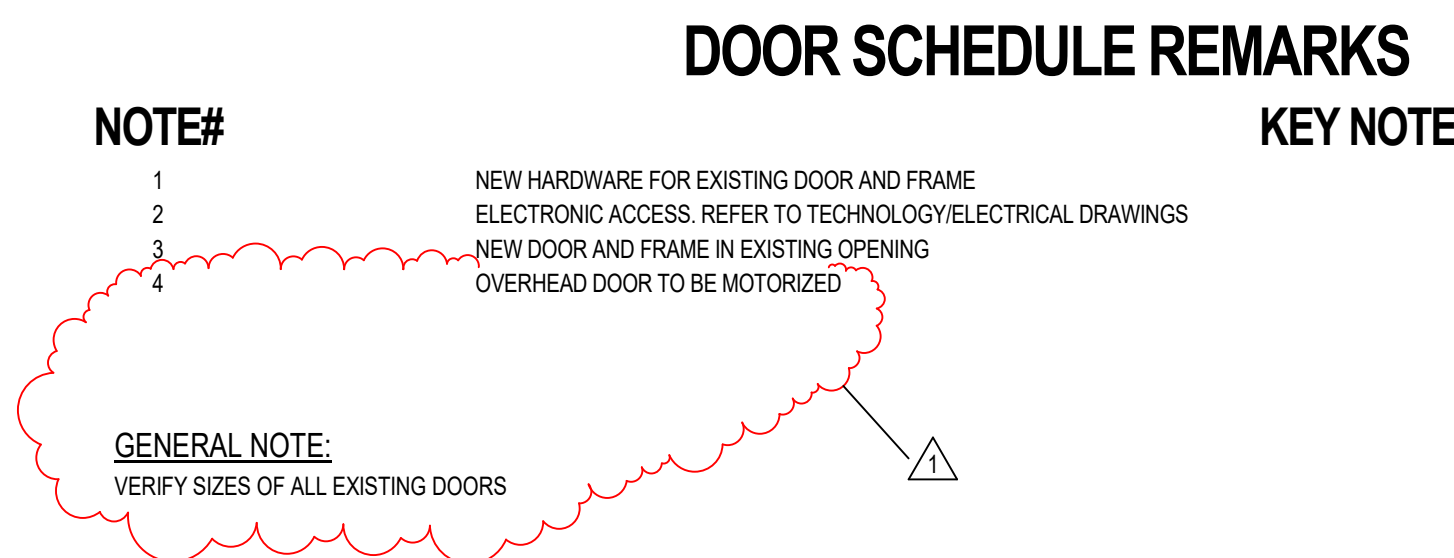






DOOR SCHEDULE - EXISTING DOORS TO REMAIN								
DOOR NUMBER	DOORS		FIRE RATING IN MINS.	HARDWARE		STC RATING	REMARKS	DOOR NUMBER
	DOOR SIZE (WxH)	DOOR TYPE		SET NO.	KEYSIDE ROOM			
A101A	3'-0" x 7'-2"	F WD		30.0	A102		NOTE#1	A101A
A101B	8'-0" x 5'-8"	CCD		41.0	A101		NOTE#1	A101B
A102A	3'-8" x 7'-2"	F WD		30.0	A105		NOTE#1	A102A
A102B	3'-0" x 7'-2"	F WD		30.0	A105		NOTE#1	A102B
A110A	4'-0" x 6'-8"	F WD		21.0	A111		NOTE#1	A110A
A114A	PR 3'-0" x 7'-2"	F WD		24.0	A116		NOTE#1	A114A
A118A	3'-0" x 7'-2"	F WD		30.0	A116		NOTE#1	A118A
A203A	PR 3'-0" x 7'-2"	F WD		23.0	A116		NOTE#1	A203A
A208A	3'-0" x 6'-8"	F HM		8.0			NOTE#1	A208A
A208B	2'-0" x 7'-2"	F HM		9.0	EXT		NOTE#1	A208B
A208C	2'-0" x 7'-2"	F HM		9.0	EXT		NOTE#1	A208C
B110A	3'-0" x 7'-2"	F WD		39.0	B124		NOTE#1	B110A
B111A	3'-0" x 7'-2"	F WD		39.0	B124		NOTE#1	B111A
B119A	3'-0" x 7'-2"	F WD		32.0	A116		NOTE#1	B119A
B119B	3'-0" x 7'-2"	F WD		32.0	A124		NOTE#1	B119B
B123A	3'-0" x 7'-2"	F WD		29.0	A116		NOTE#1	B123A
B125A	3'-0" x 7'-2"	F WD		35.0	B124		NOTE#1	B125A
B203C	2'-0" x 7'-2"	F WD		30.0	B203		NOTE#1	B203C
B203D	2'-0" x 7'-2"	F WD		30.0	B203		NOTE#1	B203D
B206A	2'-0" x 7'-2"	F HM		9.0	EXT		NOTE#1	B206A
B206B	2'-0" x 7'-2"	F HM		9.0	EXT		NOTE#1	B206B
B206C	3'-0" x 6'-10"	F HM		8.0			NOTE#1	B206C

DOOR SCHEDULE - NEW DOORS AND FRAMES												
DOOR NUMBER	DOORS		FRAME					FIRE RATING IN MINS.	HARDWARE		STC RATING	REMARKS
	DOOR SIZE (WxH)	DOOR TYPE	FRAME MATERIAL	FRAME ELEVATION	JAMB DEPTH	HEAD	DETAILS		SET NO.	KEYSIDE ROOM		
A105A	PR 3'-0" x 7'-2"	F WD	HM	F2	8 3/4"	H1	J1	-	20.0	A128		NOTE #2
A106A	3'-0" x 7'-2"	F WD	HM	F3	8 3/4"	H1	J1	S2	35.0	A128		
A107A	3'-0" x 7'-2"	F WD	HM	F3	5 3/4"	H4	J4	S2	31.0	A110		
A108A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H3	J3	-	39.0	A109		
A111A	PR 3'-0" x 7'-2"	F FRP	AL	A2	4 1/2"	H6 SIM.	J6 SIM	T1 SIM	42.0	EXT		NOTE #2,3
A115A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H3	J3	-	39.0	A116		
A117A	3'-0" x 7'-2"	F WD	HM	F3	5 3/4"	H4	J4	S2	32.0	A116		
A119A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H3	J3	-	39.0	A120		
A120A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H3	J3	-	32.0	A111		
A121A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H3	J3	-	30.0	A123		
A122A	3'-0" x 7'-2"	F WD	HM	F3	1'-0 3/4"	H1	J1	S2	35.0	A128		
A123A	3'-0" x 7'-2"	FGAL2	AL	A5	4 1/2"	H5	J5	S1	15.0	A137		NOTE#2
A123B	3'-0" x 7'-2"	FGAL2	AL	A5	4 1/2"	H5	J5	S1	16.0	A137		
A124A	3'-0" x 7'-2"	F WD	HM	F3	5 3/4"	H4	J4	S2	32.0	A116		
A124B	3'-0" x 7'-2"	F WD	HM	F3	5 3/4"	H4	J4	S2	26.0	A116		
A125A	4'-0" x 7'-2"	F FRP	AL	A1	4 1/2"	H6	J6	T1	7.0	EXT		
A126A	3'-0" x 7'-2"	F WD	HM	F3	8 3/4"	H1	J1	S2	32.0	A137		
A127A	PR 3'-0" x 7'-2"	FGAL2	AL	A2	4 1/2"	H6	J6	T1	1.0	EXT		NOTE #2
A127B	PR 3'-0" x 7'-2"	FGAL2	AL	A2	4 1/2"	H8	J8	-	17.0	A127		
A128A	3'-0" x 7'-2"	F WD	HM	F3	8 3/4"	H1	J1	S2	19.0	A137		NOTE #2
A129B	3'-0" x 7'-2"	F WD	HM	F3	8 3/4"	H1	J1	S2	30.0	A137		
A130A	3'-0" x 7'-2"	F WD	HM	F1	8 3/4"	H1	J1	-	32.0	A129		
A131A	3'-0" x 7'-2"	F WD	HM	F3	8 3/4"	H1	J1	S2	35.0	A129		
A131B	3'-0" x 7'-2"	F WD	HM	F3	8 3/4"	H1	J1	S2	31.0	A137		
A133A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H3	J3	-	30.0	A113		
A134A	3'-4" x 7'-2"	F WD	HM	F1	8 3/4"	H1	J1	-	27.0	A137		
A135A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H10	J10	-	19.0	A122		NOTE#2
A138A	3'-0" x 7'-2"	F WD	HM	F3	8 3/4"	H1	J1	S2	19.0	A129		NOTE #2
A139A	3'-0" x 7'-2"	F WD	HM	F1	8 3/4"	H1	J1	-	37.0	A137		
A140A	3'-0" x 7'-2"	F WD	HM	F1	8 3/4"	H1	J1	-	37.0	A137		
A202A	3'-0" x 7'-5 1/2"	F FRP	AL	A1	4 1/2"	H7	J7	T2	3.0	EXT		NOTE #2
A202B	16'-0" x 4'-11 1/2"	CCD	STL	-	2"	H9	J9	S3	41.0	EXT		NOTE #4
A204A	3'-0" x 7'-4"	F FRP	AL	A1	4 1/2"	H10	J10	T2 SIM	14.0	EXT		NOTE #3
A204B	3'-0" x 7'-4"	F FRP	AL	A1	4 1/2"	H10	J10	T2 SIM	14.0	EXT		NOTE #3
A205A	3'-0" x 7'-5 1/2"	F FRP	AL	A1	4 1/2"	H10	J10	T2	13.0	EXT		
A206A	3'-0" x 7'-2"	F WD	HM	F1	6 3/4"	H1	J1	-	30.0	A207		
A207A	3'-0" x 7'-5 1/2"	F FRP	AL	A1	4 1/2"	H11	J11	T2	4.0	EXT		NOTE #2
A207B	12'-0" x 4'-11 1/2"	CCD	STL	-	2"	H13	J13	S3	41.0	A207		NOTE #4
A209A	3'-0" x 7'-5 1/2"	N FRP	AL	A1	4 1/2"	H11	J11	T2	4.0	A208		NOTE #2
A301A	3'-0" x 7'-2"	N FRP	AL	A1	4 1/2"	H12	J12	T3	2.0	EXT		NOTE #2
A301B	3'-0" x 7'-2"	N FRP	AL	A1	4 1/2"	H12	J12	T3	2.0	EXT		NOTE #2
A302A	3'-0" x 7'-2"	N WD	HM	F6	5 3/4"	H2	J2	S3	32.0	A301		
A303A	3'-0" x 7'-2"	N WD	HM	F6	5 3/4"	H2	J2	S3	32.0	A301		
A305A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H2	J2	-	37.0	A306		
A307A	2'-8" x 7'-2"	F WD	HM	F1	5 3/4"	H2	J2	-	19.0	A306		NOTE #2
A309A	2'-8" x 7'-2"	F WD	HM	F1	5 3/4"	H2	J2	-	30.0	A308		
A402A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H2	J2	-	30.0	A401		
A403A	3'-0" x 7'-2"	N WD	HM	F1	5 3/4"	H2	J2	-	32.0	A401		
A404A	3'-0" x 7'-2"	N WD	HM	F1	5 3/4"	H2	J2	-	32.0	A401		
A405A	3'-0" x 7'-2"	N WD	HM	F6	5 3/4"	H2	J2	S5	32.0	A401		
A406A	3'-0" x 7'-2"	N WD	HM	F6	5 3/4"	H2	J2	S5	32.0	A401		
A407A	3'-0" x 7'-2"	N WD	HM	F1	5 3/4"	H2	J2	-	32.0	A401		
A408A	3'-0" x 7'-2"	N WD	HM	F1	5 3/4"	H2	J2	-	32.0	A401		
A409A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H2	J2	-	30.0	A401		
A414A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H2	J2	-	37.0	A401		
B102A	PR 3'-0" x 7'-2"	F WD	HM	F2	5 3/4"	H3	J3	-	24.0	A123		
B102B	3'-2" x 7'-2"	F WD	HM	F1	8 3/4"	H1	J1	-	27.0	A137		
B107A	PR 3'-0" x 7'-2"	FGAL2	AL	A2	4 1/2"	H6	J6	T1	1.0	EXT		NOTE #2
B107B	PR 3'-0" x 7'-2"	FGAL2	AL	A2	4 1/2"	H8	J8	-	17.0	B107		
B108A	3'-0" x 7'-2"	F WD	HM	F3	8 3/4"	H1	J1	S2	19.0	B101		
B109A	3'-0" x 7'-2"	F FRP	AL	A1	4 1/2"	N/A	N/A	N/A	2.0	EXT		NOTE#2, 3
B112A	PR 3'-0" x 7'-2"	F FRP	AL	A2	4 1/2"	H6	J6	T1	6.0	EXT		NOTE #3
B113A	PR 2'-6" x 7'-2"	F FRP	AL	A2	4 1/2"	N/A	N/A	N/A	6.0	EXT		
B114A	PR 3'-0" x 7'-2"	F WD	HM	F2	8 3/4"	H1	J1	-	20.0	B101		
B118A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H3	J3	-	32.0	A116		
B120A	3'-0" x 7'-2"	F WD	HM	F1	5 3/4"	H3	J3	-	30.0	B121		
B121A	PR 3'-0" x 7'-2"	F FRP	AL	A2	4 1/2"	H6 SIM.	J6 SIM	T1 SIM	42.0	EXT		NOTE#2, #3
B122A	PR 3'-0" x 7'-2"	F FRP	AL	A2	4 1/2"	H6	J6	T1	6.0	EXT		
B126A	PR 3'-0" x 7'-2"	F WD	HM	F2	8 3/4"	H1	J1	-	25.0	B101		
B201A	3'-0" x 7'-2"	F WD	HM	F1	6 3/4"	H1	J1	-	30.0	A207		
B202A	3'-0" x 7'-5 1/2"	F FRP	AL	A1	4 1/2"	H10	J10	T2	13.0	EXT		
B203A	3'-0" x 7'-4"	F FRP	AL	A1	4 1/2"	N/A	N/A	N/A	14.0	EXT		NOTE #3
B203B	3'-0" x 7'-4"	F FRP	AL	A1	4 1/2"	N/A	N/A	N/A	14.0	EXT		NOTE #3
B204A	3'-0" x 7'-5 1/2"	F FRP	AL	A1	4 1/2"	H11 SIM	J11	T2 SIM	7.0	EXT		NOTE#2, 3
B205A	3'-0" x 7'-5 1/2"	F FRP	AL	A1	4 1/2"	H7	J7	T2 SIM	4.0	EXT		NOTE #2
B205B	16'-0" x 4'-11 1/2"	CCD	STL	-	2"	H9	J9	S3	41.0	EXT		NOTE #4



**222154.00  
CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

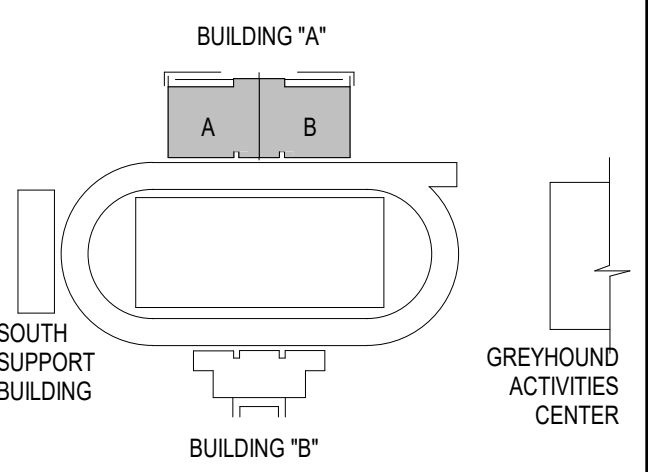
5201 E Main Street, Carmel, IN 46033  
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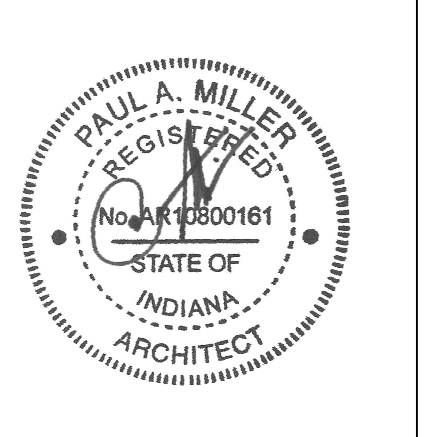
**ARCHITECT**



317.848.0966 WWW.FHAI.COM  
350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**100% CONSTRUCTION DOCUMENTS**



PROJECT MANAGER: MKS  
DRAWN BY: RLG  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

**DOOR AND FRAME SCHEDULE**

**A6S.01**

ROOM LEGEND - FIRST FLOOR - UNIT A

ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	256 SF
A102	EQUIPMENT	806 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	78 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	358 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKERS	86 SF
A110	LOCKER ROOM	1749 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	96 SF
A114	ELECTRICAL	239 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	528 SF
A117	OFFICE	111 SF
A118	STORAGE	29 SF
A119	WOMEN	78 SF
A120	WOMEN'S OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR/HALLWAY	528 SF
A124	COACHES	809 SF
A125	FIRE PUMP	160 SF
A126	WOMEN'S OFFICIALS/ MANAGERS	153 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	296 SF
A129	TRAINING	855 SF
A130	CLINIC	142 SF
A131	RECOVERY	183 SF
A133	STORAGE	102 SF
A134	ELEV. EQPT.	59 SF
A135	IT/DATA CLOSET	48 SF
A136	STUDENT COMMONS	796 SF
A137	HALLWAY	1507 SF
A138	OFFICE	183 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

EQUIPMENT GENERAL NOTES

- A. ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE.
- B. HIDDEN LINES ( ) INDICATE ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE OR BY OWNER, NOT INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES ( - - - ) INDICATE OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- C. (TB) INDICATES 4" HIGH TACK BOARD LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- D. (MB) INDICATES 4" HIGH MARKER BOARD LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- E. PROVIDE FILLER STRIPS BETWEEN CASEWORK UNITS AND WALL OR BETWEEN ANY UNIT AS REQUIRED. EXTEND COUNTER TO FACE OF WALL OR ADJACENT TALL CABINET.
- F. ALL EXPOSED ENDS AND BACKS OF CASEWORK SHALL BE FINISHED.
- G. CASEWORK INSTALLER SHALL CUT CASEWORK AS REQUIRED FOR PLUMBING/ELECTRICAL LINES. CASEWORK INSTALLER SHALL CAULK BETWEEN COUNTERS, BACKSPASHES, AND WALLS.
- H. ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-7" AFF UNLESS OTHERWISE NOTED.
- J. (CG) INDICATES CORNER GUARDS.
- K. (FE) INDICATES FIRE EXTINGUISHER. REFER TO SPECIFICATIONS.
- L. (FEC) INDICATES FIRE EXTINGUISHER CABINET. REFER TO SPECIFICATIONS.
- M. (FEC) INDICATES EXISTING FIRE EXTINGUISHER CABINET TO REMAIN.
- N. (RWS) INDICATES ROLLER WINDOW SHADE. REFER TO SPECIFICATIONS.
- O. INTERIOR & EXTERIOR SIGNAGE TO BE PROVIDED BY ALLOWANCE FIGURE. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
- Q. APPLIANCES TO BE PROVIDED BY OWNER.

EQUIPMENT NOTES

- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- 1 MONITOR, BY OWNER
- 2 MIRRORS, REFER TO ELEVATION FOR MORE DETAILS
- 3 WALL MOUNTED PROJECTION SCREEN, B.O.D. IS DRAPER LUMA 21TSC, FORMAT 11" DIAGONAL, SCREEN WITH 4" EXTENSION MOUNTING BRACKET
- 4 NEW ATHLETIC LOCKERS (TYPE A) WITH NEW TILED BENCH AND SOLID SURFACE CARGEAR TOPPER, REFER TO DETAILS 2 & 4A/TS.01
- 5 NEW SOLID SURFACE CAP ON TOP OF LOCKERS WHERE SLOPED TOP WERE REMOVED, INSTALL NEW HELMET PAD RACK ON EACH LOCKER, B.O.D. TO BE GEAR/RID TRIG GEAR TOPPER, REFER TO DETAIL 7A/TS.01
- 6 EXISTING LOCKERS AND TILED BENCHES TO REMAIN, PROTECT DURING CONSTRUCTION
- 7 NEW ATHLETIC LOCKERS (TYPE B), REFER TO DETAIL 5A/TS.01
- 8 NEW ATHLETIC LOCKERS (TYPE C) WITH NEW CONCRETE BENCH, REFER TO DETAILS 3 & 6A/TS.01
- 9 NEW SOLID PLASTIC TOILET PARTITIONS, DUAL COLOR TO MATCH EXISTING. INCLUDE NEW ACCESSORIES
- 10 SSM-3 WALL CAP, REFER TO WALL TYPE WZE ON A1.00 FOR ADDITIONAL INFORMATION.
- 11 SSM-3 COUNTERTOP WITH 1" RADIUS OUTSIDE CORNERS, INCLUDES RAKS EH-1219FM CONCEALED BRACKETS, REFER TO SECTION 2A1.05
- 12 SSM-2 SILL, REFER TO DETAIL 5A/6.03
- 13 SSM-3 COUNTERTOP WITH PL-2 BASE CABINETS
- 14 SSM-3 COUNTERTOP WITH GROMMETS AND PL-4 WALL CLADDING BELOW, REFER TO DETAIL 3A/1.06
- 15 REFRIGERATOR, BY OWNER
- 16 COOLER, BY OWNER
- 17 REFRIGERATOR, BY OWNER
- 18 FREEZER, BY OWNER
- 19 PRETZEL MACHINE, BY OWNER
- 20 MICROWAVE, BY OWNER
- 21 WARMING MACHINE, BY OWNER
- 22 POPCORN MACHINE, BY OWNER
- 23 NACHO CHEESE MACHINE, BY OWNER
- 24 HOT DOG MACHINE, BY OWNER
- 25 PROVIDE CUTOUPS FOR IN-SURFACE FLIP-UP POWER UNIT, REFER TO 55.05 FOR ADDITIONAL INFORMATION
- 26 SSM-3 COUNTERTOP WITH 1" RADIUS OUTSIDE CORNERS, INCLUDES RAKS EH-1919FM CONCEALED BRACKETS, REFER TO DETAIL 1A/1.05
- 27 NEW TILED ADA-COMPLIANT BENCH SEAT, REFER TO DETAIL 1A/TS.01
- 28 ICE MAKER, PROVIDED BY OWNER
- 29 PL-1 CASEWORK WITH PL-3 COUNTERTOPS & SPLASH
- 30 PL-1 CASEWORK WITH PL-3 COUNTERTOPS, INCLUDE GROMMETS AS NOTED ON PLAN
- 31 PL-1 CASEWORK WITH SSM-1 COUNTERTOPS & SPLASH
- 32 PL-1 CASEWORK WITH SSM-1 COUNTERTOPS & SPLASH, INCLUDE ADA OPENINGS FOR WASTE DISPOSAL CENTERED OVER 18" W BASE CABINET BELOW
- 33 NEW CONCRETE ADA-COMPLIANT BENCH SEAT, REFER TO DETAIL 3A/TS.01
- 34 FUTURE ATHLETIC STORAGE EQUIPMENT PART OF LOOSE FURNISHINGS
- 35 PL-1 CASEWORK WITH SSM-1 COUNTERTOP & SPLASH, INCLUDE GROMMETS AS NOTED ON PLAN
- 36 SSM-1 WALL CAP, REFER TO DETAIL 3A/1.06

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222154.00  
CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

CARMEL CLAY SCHOOLS

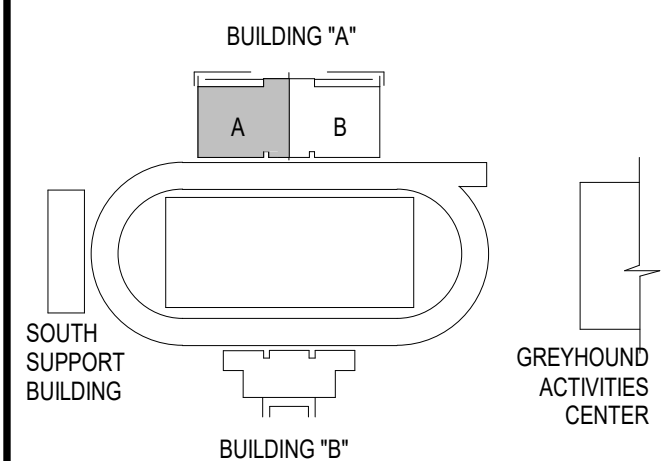
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317-844-9961



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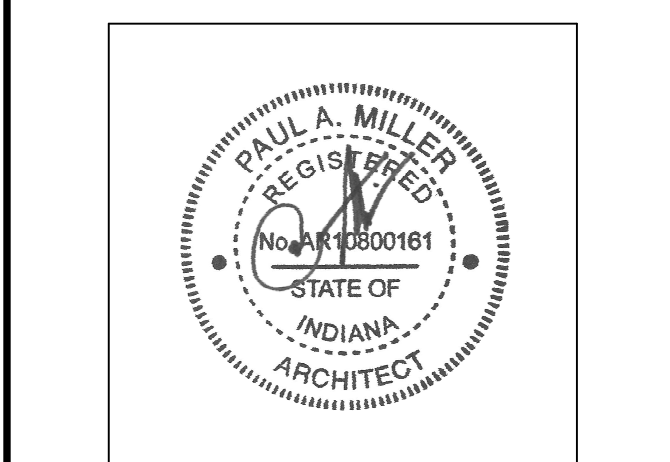
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KEY PLAN

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: AML  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

FIRST FLOOR EQUIPMENT PLAN BUILDING A

A7.01

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

FIRST FLOOR - EQUIPMENT PLAN BUILDING A

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



**222154.00  
CARMEL HIGH  
SCHOOL STADIUM  
GRANDSTAND  
RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

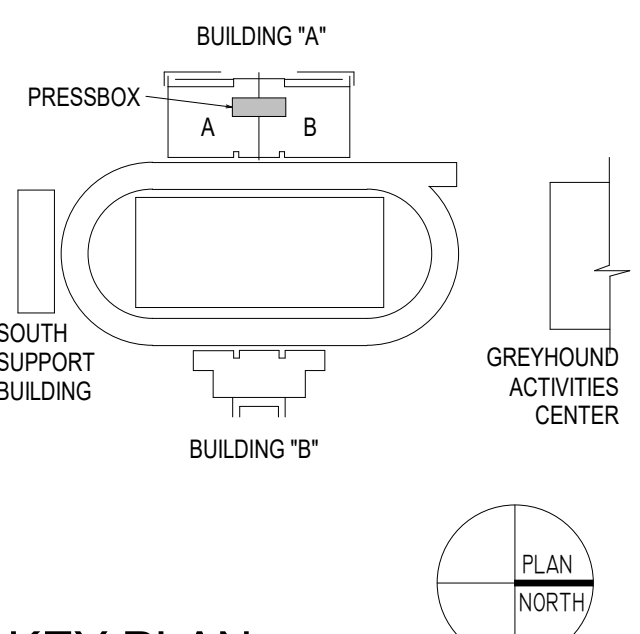
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317-844-9961



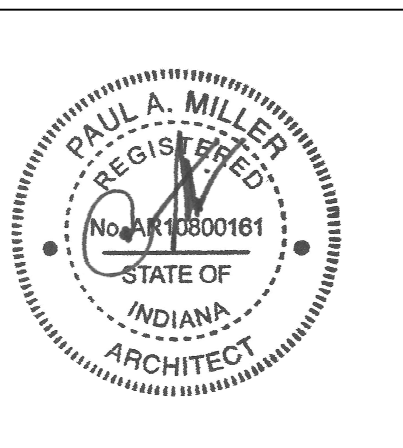
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**100% CONSTRUCTION DOCUMENTS**



PROJECT MANAGER: MKS  
DRAWN BY: AML  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

**THIRD & FOURTH FLOOR  
(PRESSBOX) EQUIPMENT PLAN  
BUILDING A**

**A7.05**

**EQUIPMENT GENERAL NOTES**

- A. ALL COUNTERTOPS TO HAVE CONTINUOUS 4" HIGH BACKSPASHES AND ENDSPLASHES UNLESS NOTED OTHERWISE.
- B. HIDDEN LINES (---) INDICATE ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE OR BY OWNER, NOT INCLUDED IN CONSTRUCTION CONTRACTS. DASHED LINES (- - -) INDICATE OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- C. (TB) INDICATES 4" HIGH TACK BOARD LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- D. (MB) INDICATES 4" HIGH MARKER BOARD LENGTH AS INDICATED. REFER TO MOUNTING HEIGHT DRAWING.
- E. PROVIDE FILLER STRIPS BETWEEN CASEWORK UNITS AND WALL OR BETWEEN ANY UNIT AS REQUIRED. EXTEND COUNTER TO FACE OF WALL OR ADJACENT FULL CABINET. ALL EXPOSED ENDS AND BACKS OF CASEWORK SHALL BE FINISHED.
- F. CASEWORK INSTALLER SHALL CUT CASEWORKS AS REQUIRED FOR PLUMBING/ELECTRICAL LINES.
- G. CASEWORK INSTALLER SHALL CALL OUT BETWEEN COUNTERS, BACKSPASHES, AND WALLS.
- H. ALL WALL-MOUNTED CASEWORK SHALL BE MOUNTED WITH THE TOP AT 7'-0" AFF UNLESS OTHERWISE NOTED.
- I. (CG) INDICATES CORNER GUARDS.
- J. (FE) INDICATES FIRE EXTINGUISHER. REFER TO SPECIFICATIONS.
- K. (FEC) INDICATES FIRE EXTINGUISHER CABINET. REFER TO SPECIFICATIONS.
- L. (WFC) INDICATES EXISTING FIRE EXTINGUISHER CABINET TO REMAIN.
- M. (RWS) INDICATES ROLLER WINDOW SHADE. REFER TO SPECIFICATIONS.
- N. (INT) INDICATES INTERIOR SIGNAGE TO BE PROVIDED BY OWNER.
- O. (EXT) INDICATES EXTERIOR SIGNAGE TO BE PROVIDED BY OWNER.
- P. ALLOWANCE FIGURE. REFER TO SPECIFICATIONS FOR MORE INFORMATION.
- Q. APPLIANCES TO BE PROVIDED BY OWNER.

**EQUIPMENT NOTES**

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

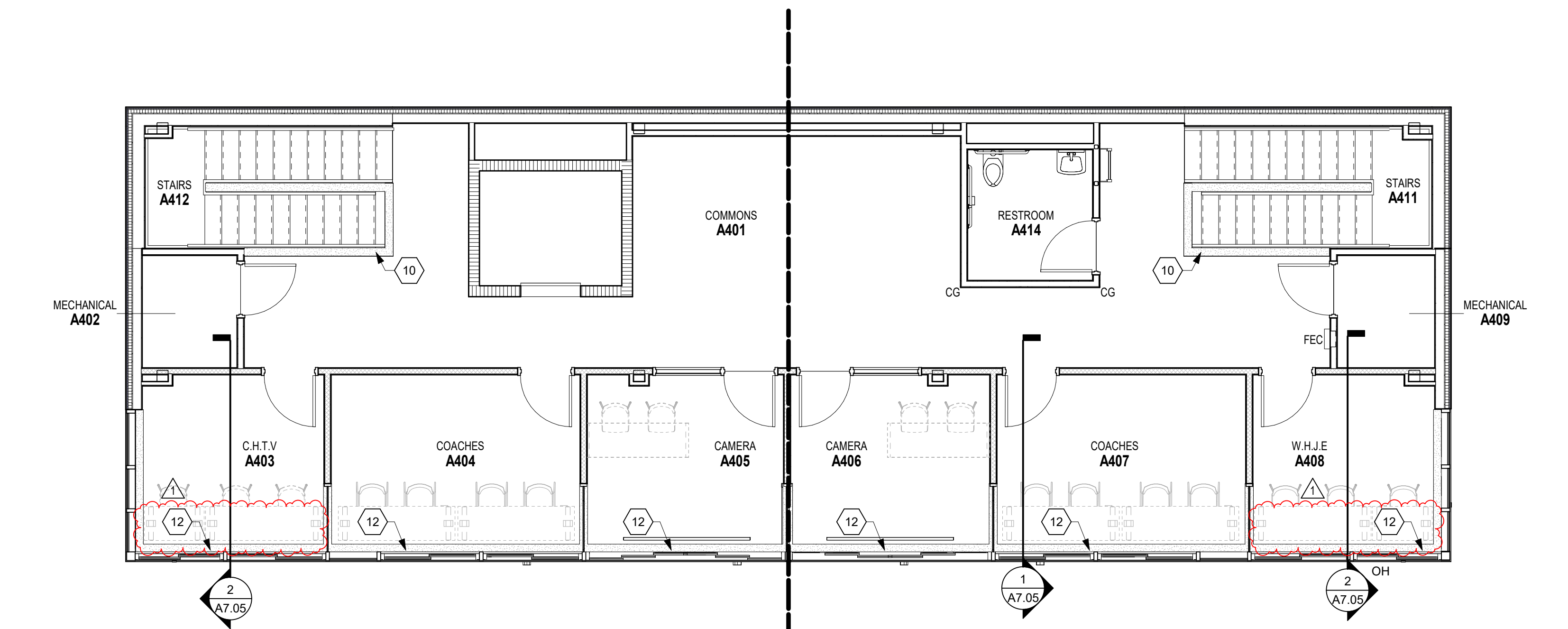
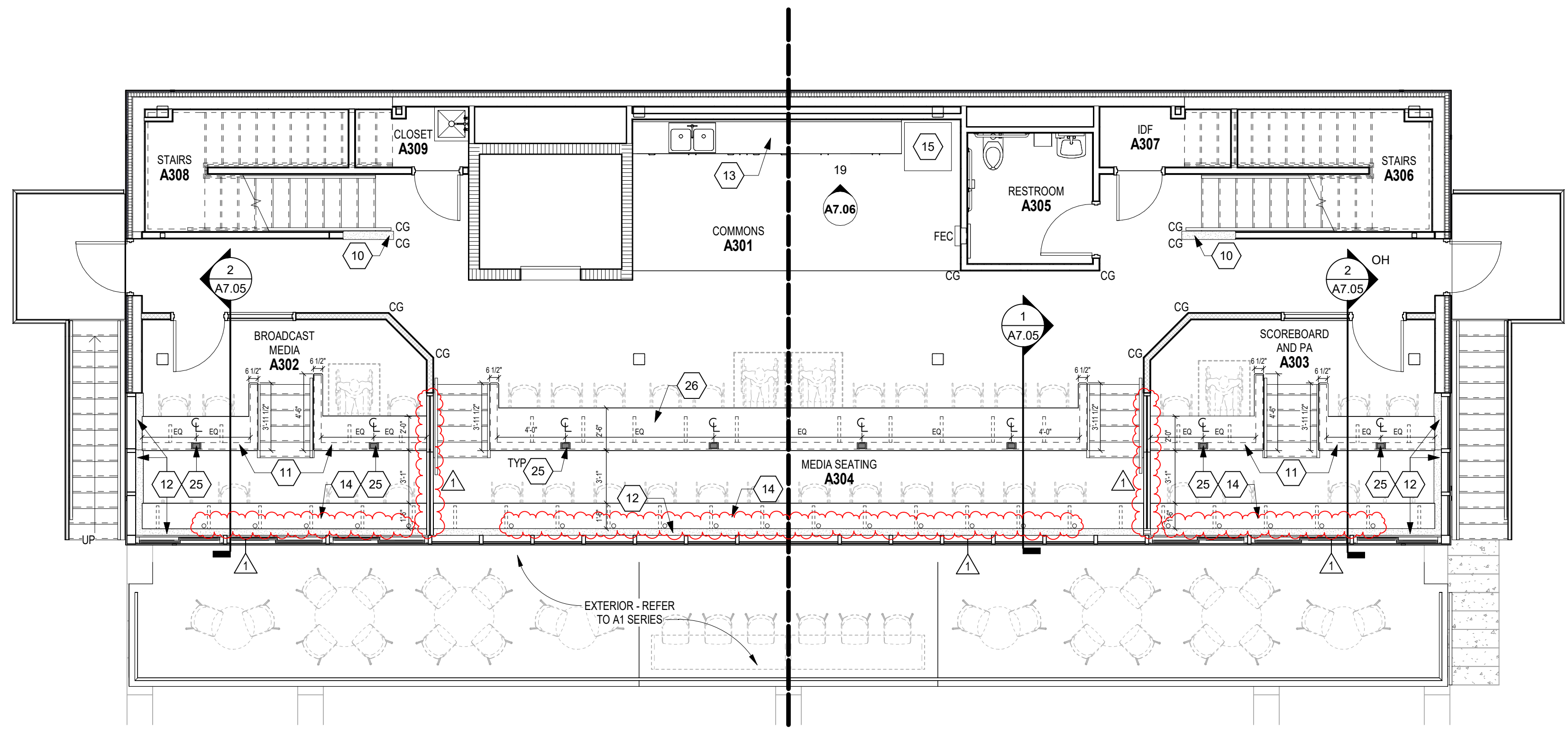
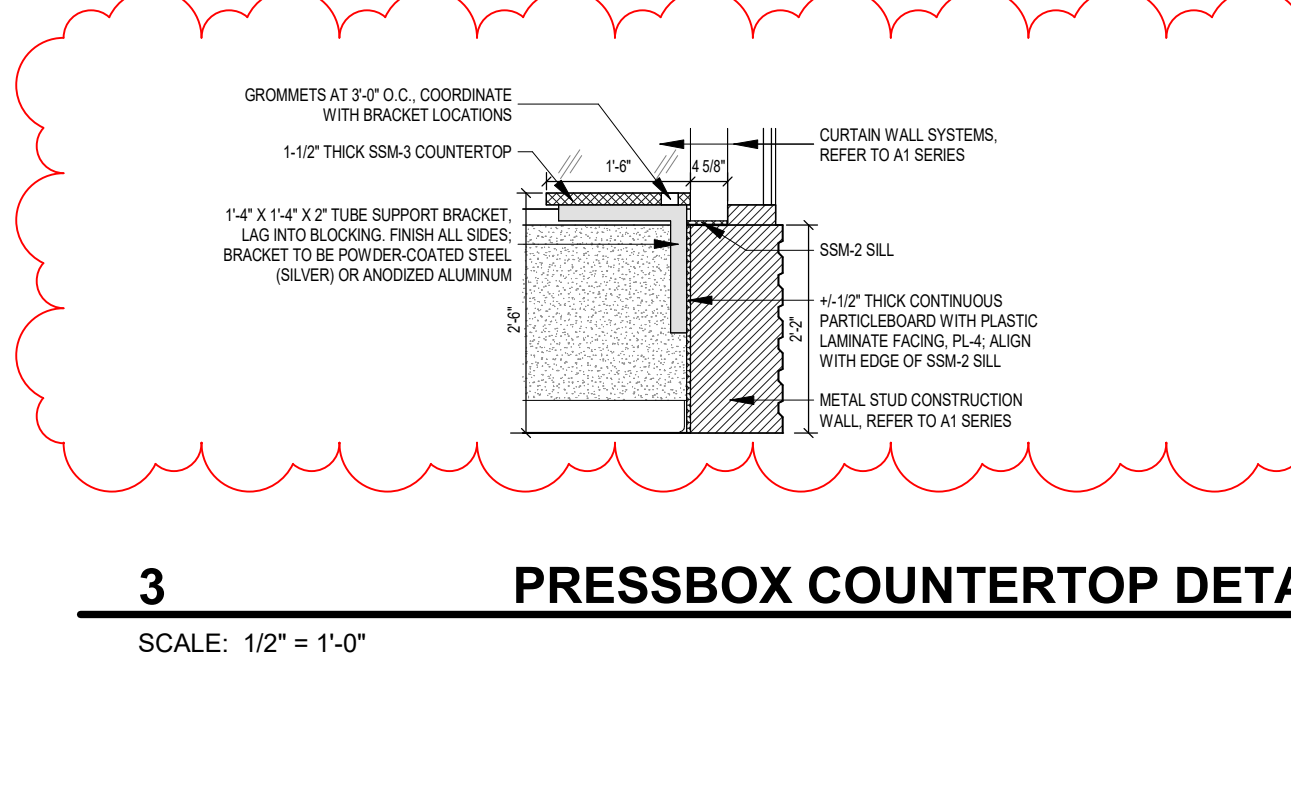
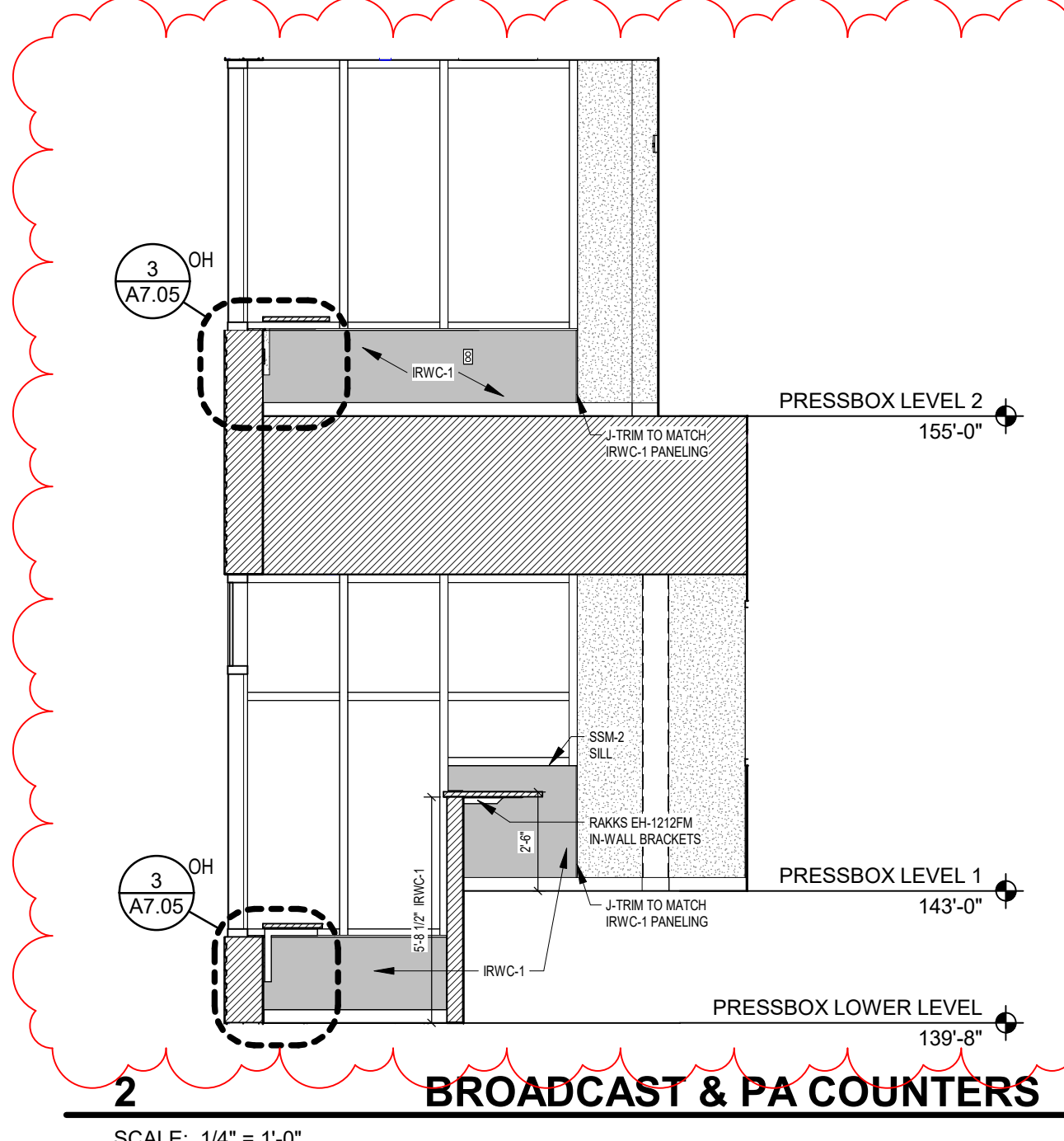
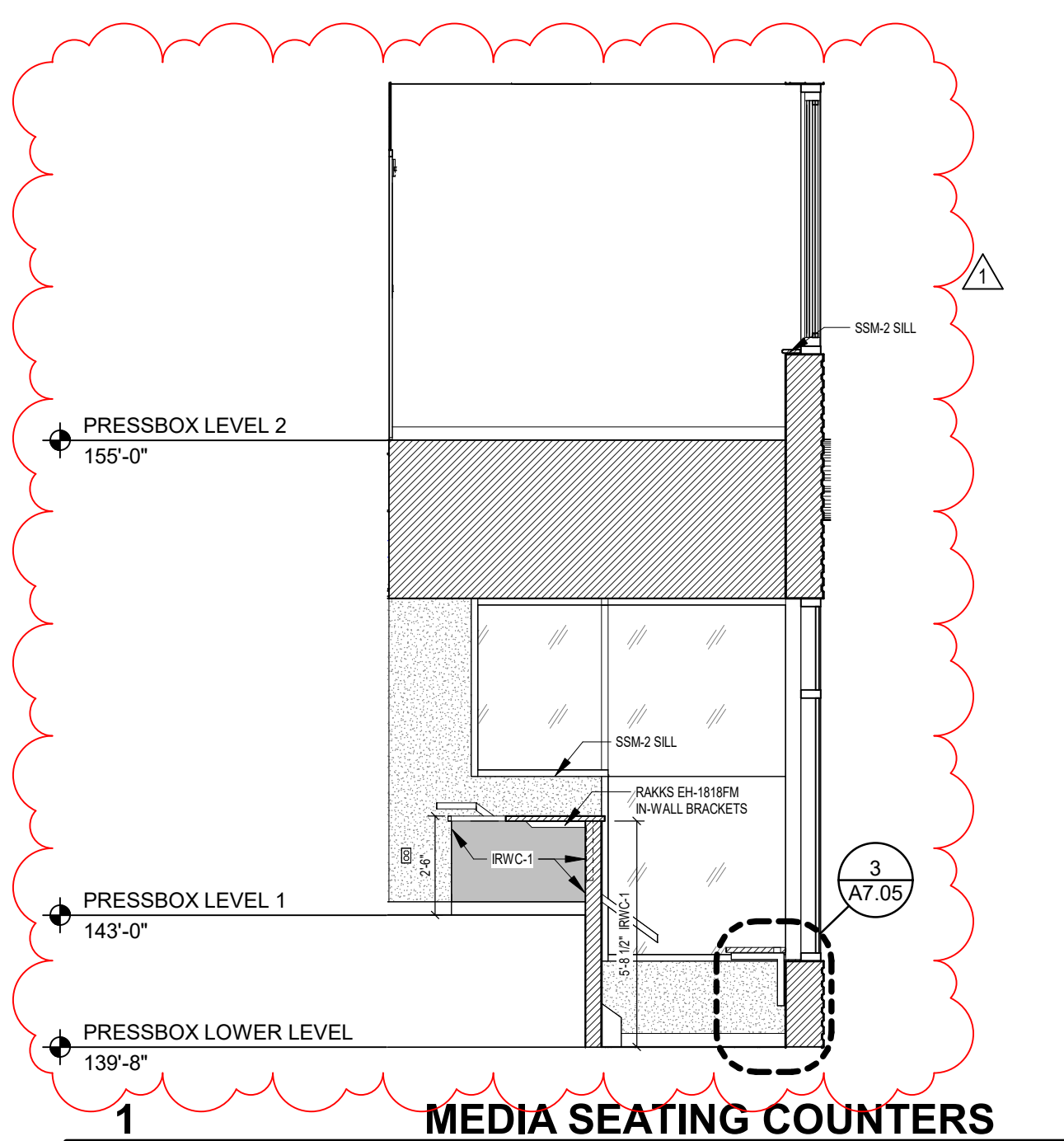
- 1. MONITOR, BY OWNER
- 2. MIRRORS, REFER TO ELEVATION FOR MORE DETAILS
- 3. WALL-MOUNTED PROJECTION SCREEN, 8'0" IS DRAPER LIMA 1.75" FORMAT 10" DIAGONAL SCREEN WITH 4" EXTENSION MOUNTING BRACKET
- 4. NEW ATHLETIC LOCKERS (TYPE A) WITH NEW TILED BENCH AND SOLID SURFACE CAP/GEAR TOPPER, REFER TO DETAILS 2 & 4A/TS 01
- 5. NEW SOLID SURFACE CAP ON TOP OF LOCKERS WHERE SLOPED TOP WERE REMOVED. INSTALL NEW HELMET PAD PACK ON EACH LOCKER, 8'0" TO BE GEARBOARD FIXED GEAR TOPPER. REFER TO DETAIL 7A/TS 01
- 6. EXISTING LOCKERS AND TILED BENCHES TO REMAIN. PROTECT DURING CONSTRUCTION
- 7. NEW ATHLETIC LOCKERS (TYPE B); REFER TO DETAIL 5A/TS 01
- 8. NEW ATHLETIC LOCKERS (TYPE C) WITH NEW CONCRETE BENCH; REFER TO DETAILS 3 & 6A/TS 01
- 9. NEW SOLID PLASTIC TOILET PARTITIONS, DUAL COLOR TO MATCH EXISTING. INCLUDE NEW ACCESSORIES
- 10. SSM-3 WALL CAP. REFER TO WALL TYPE WZE ON A1.00 FOR ADDITIONAL INFORMATION
- 11. SSM-3 COUNTERTOP WITH 1" RADIUS OUTSIDE CORNERS. INCLUDES RAKIS EH-12-12PM CONCEALED BRACKETS. REFER TO SECTION 2A/TS 05
- 12. SSM-2 SILL. REFER TO DETAIL 5B/A6.03
- 13. SSM-3 COUNTERTOP WITH PL-2 BASE CABINETRY
- 14. SSM-3 COUNTERTOP WITH GROMMETS AND PL-4 WALL CLADDING BELOW. REFER TO DETAIL 3A/TS 06
- 15. REFRIGERATOR, BY OWNER
- 16. COOLER, BY OWNER
- 17. REFRIGERATOR, BY OWNER
- 18. FREEZER, BY OWNER
- 19. PRETZEL MACHINE, BY OWNER
- 20. MICROWAVE, BY OWNER
- 21. WARMING MACHINE, BY OWNER
- 22. POPCORN MACHINE, BY OWNER
- 23. MACHO CHEESE MACHINE, BY OWNER
- 24. HOT DOG MACHINE, BY OWNER
- 25. PROVIDE CUTOUTS FOR IN-SURFACE FLIP-UP POWER UNIT. REFER TO E5.05 FOR ADDITIONAL INFORMATION
- 26. SSM-3 COUNTERTOP WITH 1" RADIUS OUTSIDE CORNERS. INCLUDES RAKIS EH-18-18PM CONCEALED BRACKETS. REFER TO DETAIL 1A/TS 05
- 27. NEW TILED ADA-COMPLIANT BENCH SEAT. REFER TO DETAIL 1A/TS 01
- 28. ICE MAKER, PROVIDED BY OWNER
- 29. PL-1 CASEWORK WITH PL-3 COUNTERTOPS & SPLASH
- 30. PL-1 CASEWORK WITH PL-3 COUNTERTOPS. INCLUDE GROMMETS(S) AS NOTED ON PLAN
- 31. PL-1 CASEWORK WITH SSM-1 COUNTERTOPS & SPLASH
- 32. PL-1 CASEWORK WITH SSM-1 COUNTERTOPS & SPLASH. INCLUDE 18" OPENING FOR WASTE DISPOSAL CENTERED OVER 18" W BASE CABINET BELOW
- 33. NEW CONCRETE ADA-COMPLIANT BENCH SEAT. REFER TO DETAIL 3A/TS 01
- 34. FUTURE ATHLETIC STORAGE EQUIPMENT PART OF LOOSE FURNISHINGS
- 35. PL-1 CASEWORK WITH SSM-1 COUNTERTOP & SPLASH. INCLUDE GROMMETS(S) AS NOTED ON PLAN
- 36. SSM-1 WALL CAP. REFER TO DETAIL 2A/TS 08

**ROOM LEGEND - THIRD FLOOR PRESSBOX**

ROOM NO.	OWNER	ROOM NAME	AREA (SF)
A301		COMMONS	436 SF
A302		BROADCAST MEDIA	203 SF
A303		SCOREBOARD AND PA	204 SF
A304		MEDIA SEATING	525 SF
A305		RESTROOM	56 SF
A306		STAIRS	105 SF
A307		STAIRS	28 SF
A308		STAIRS	105 SF
A309		CLOSET	23 SF

**ROOM LEGEND - FOURTH FLOOR PRESSBOX**

ROOM NO.	OWNER	ROOM NAME	AREA (SF)
A401		COMMONS	588 SF
A402		MECHANICAL	37 SF
A403		C.H.T.V.	107 SF
A404		COACHES	147 SF
A405		CAMERA	116 SF
A406		CAMERA	117 SF
A407		COACHES	147 SF
A408		W.H.J.E.	113 SF
A409		MECHANICAL	38 SF
A411		STAIRS	100 SF
A412		STAIRS	101 SF
A414		RESTROOM	50 SF
A415		MEDIA SEATING	Not Placed



- 1 UNDER-COUNTER REFRIGERATOR, BY OWNER
- 2 MICROWAVE, BY OWNER
- 3 UNDER-COUNTER ADA-COMPLIANT ICE MAKER, BY OWNER
- 4 REFRIGERATOR, BY OWNER
- 5 PLASTIC LAMINATE ENCLOSED BULHEAD TO CEILING
- 6 TV MONITOR, OWNER-PROVIDED AND CONTRACTOR INSTALLED
- 7 MIRRORS, REFER TO SPECIFICATIONS
- 8 PROVIDE LOCKS ON INDICATED CASEWORK ONLY
- 9 OPEN KNEESPACE, REFER TO DETAIL 8A/5/01
- 10 GREASE INTERCEPTOR BELOW SINK, REFER TO PLUMBING DRAWINGS
- 11 NO LOCKS REQUIRED ON CASEWORK IN THIS ELEVATION
- 12 1/4" THICK END PANEL FILLER

**222154.00**  
**CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
 2450 E. SMOKY ROW (VISITOR SIDE)  
 CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**  
 5201 E Main Street, Carmel, IN 46033  
 317-844-9961

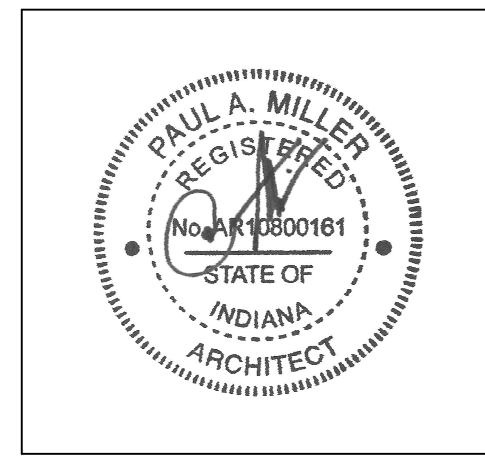


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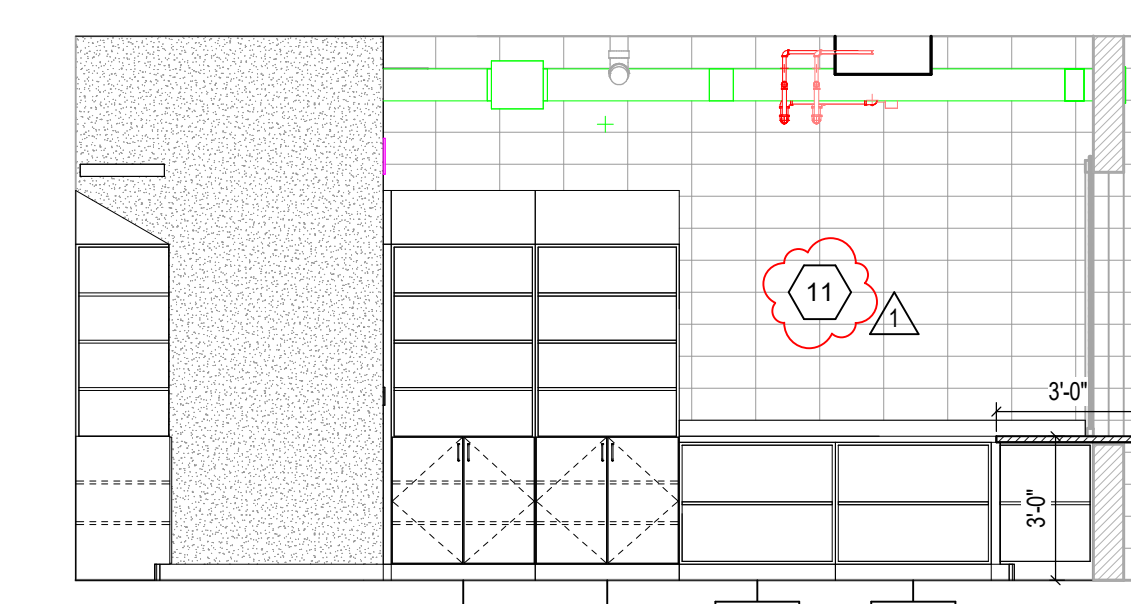
PROJECT MANAGER: MKS  
 DRAWN BY: AML  
 PROJECT NUMBER: 222154.00  
 PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

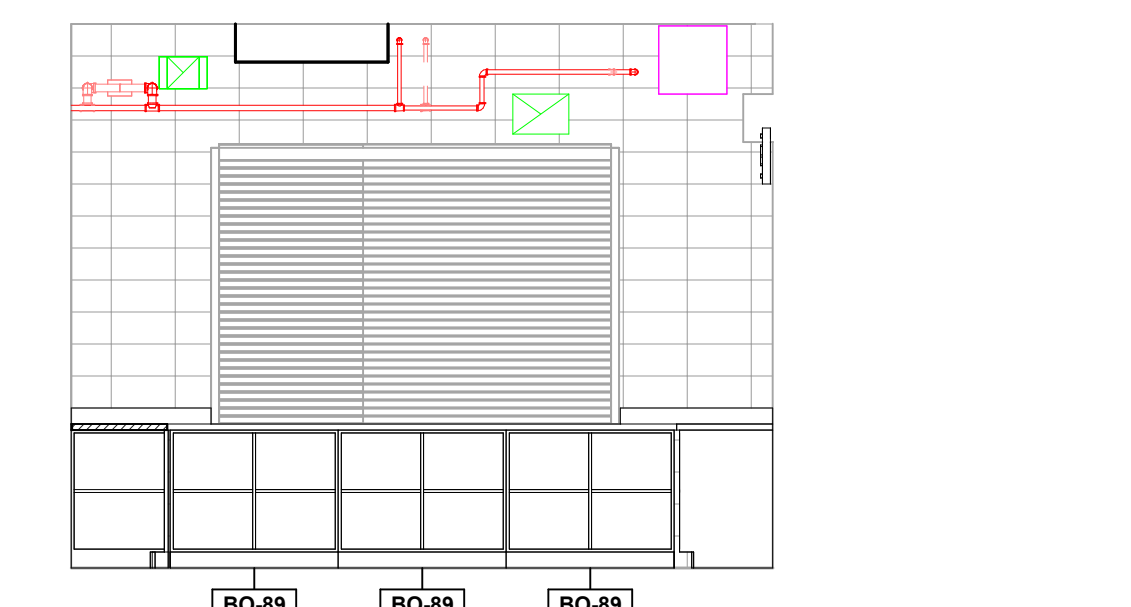
CASEWORK ELEVATIONS

**A7.06**

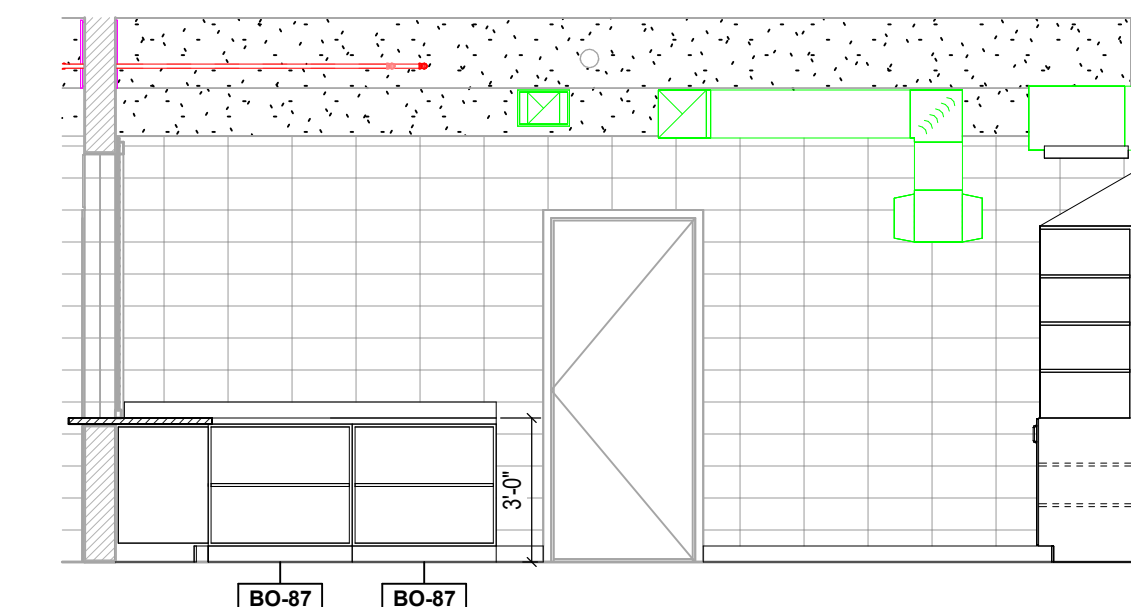
**VERIFICATION NOTE**  
 CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.  
 SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



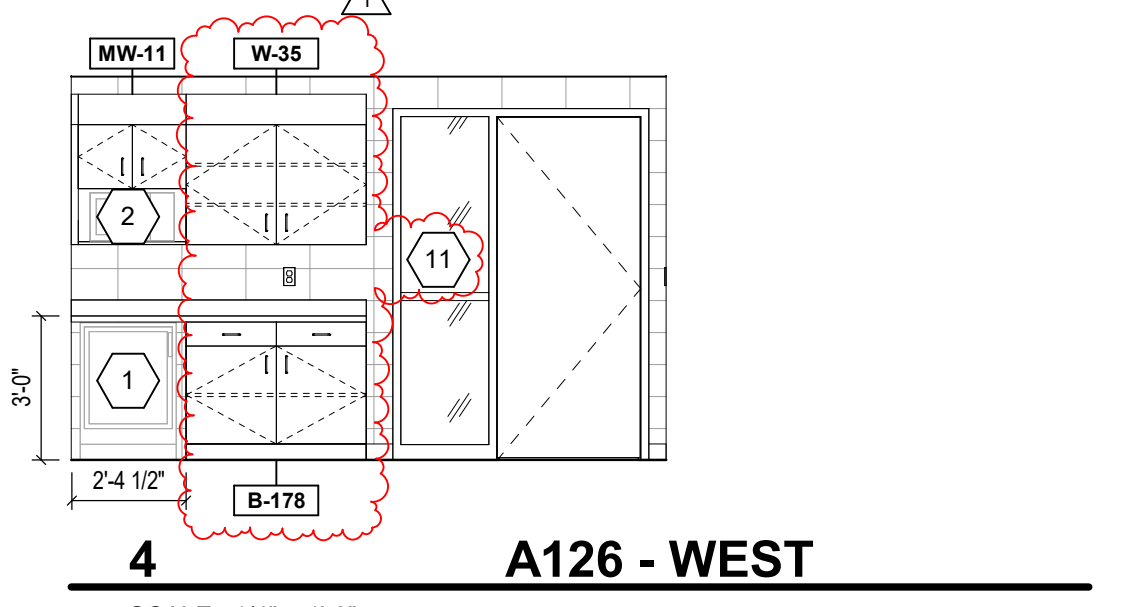
**1 A101 - WEST**  
 SCALE: 1/4" = 1'-0"



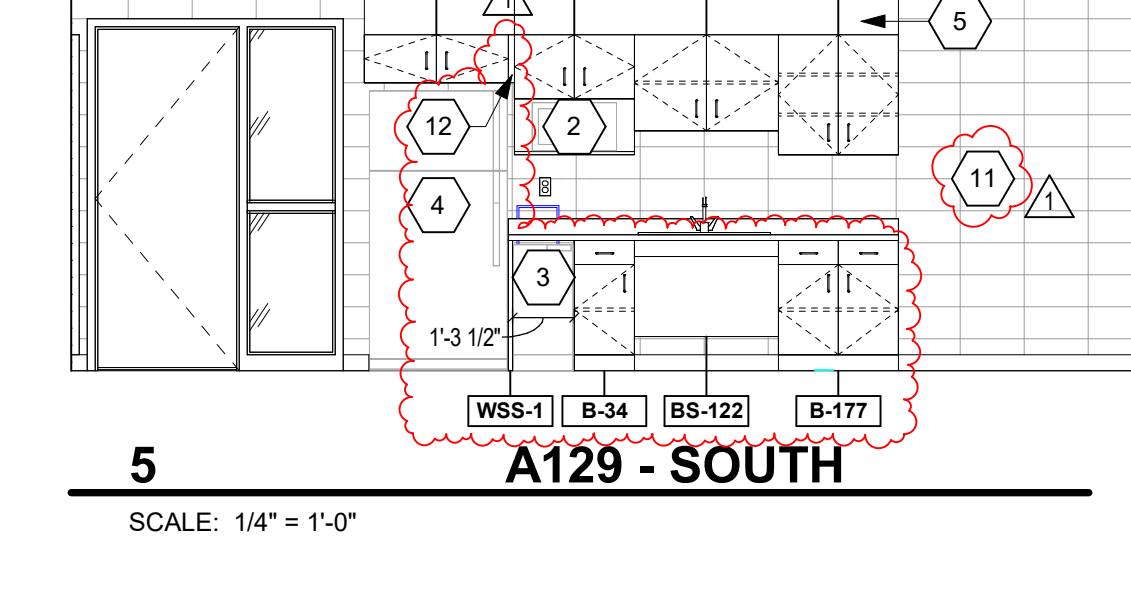
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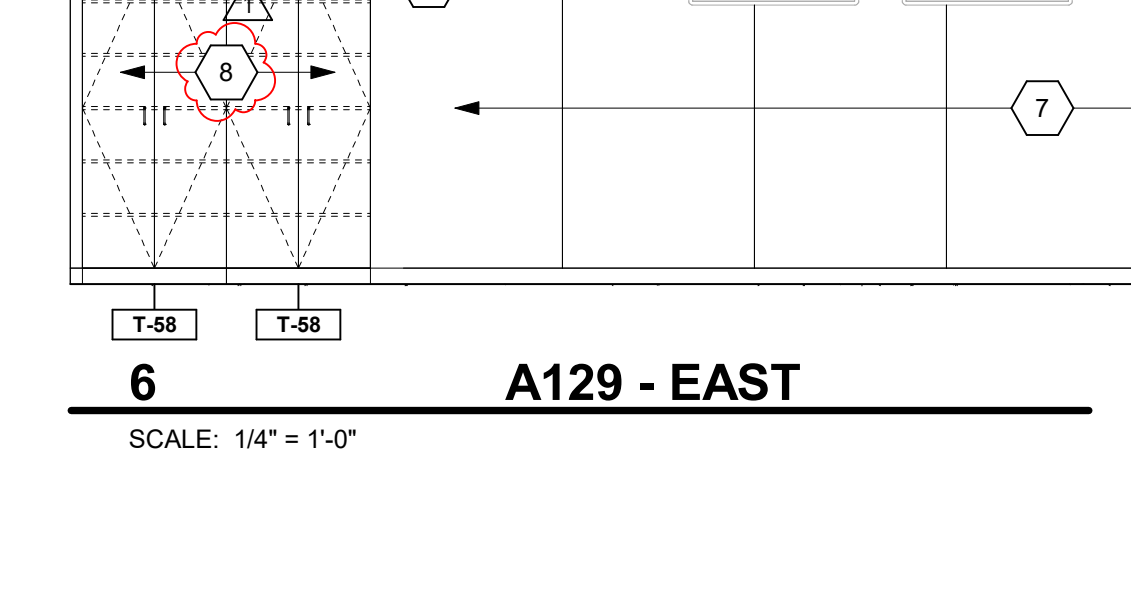
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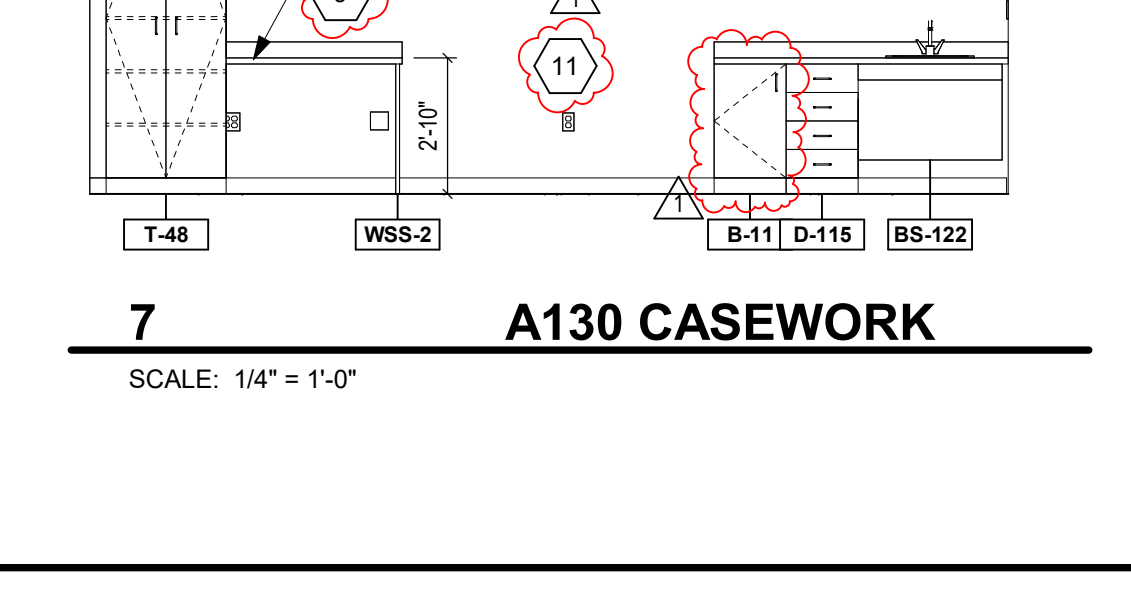
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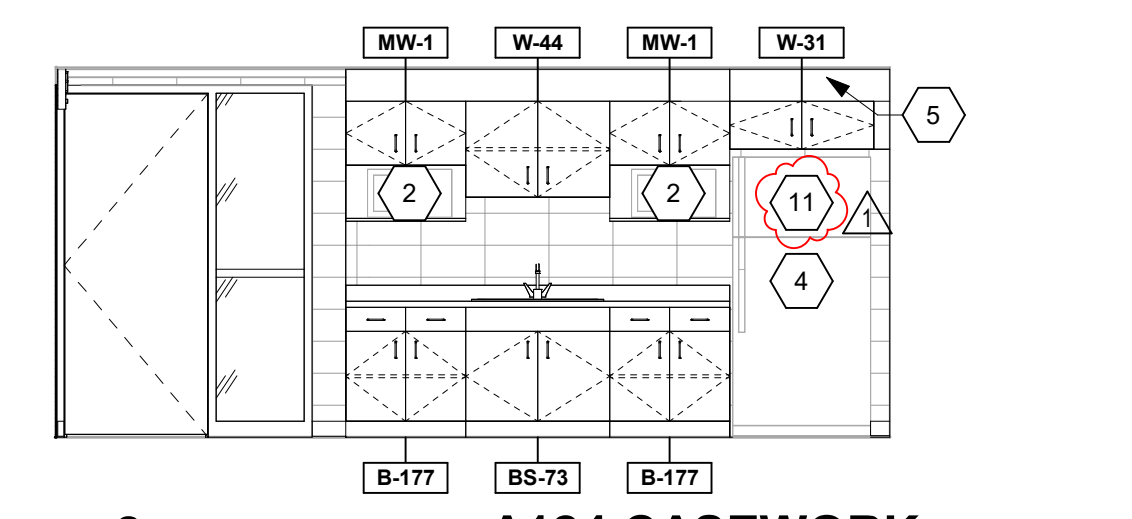
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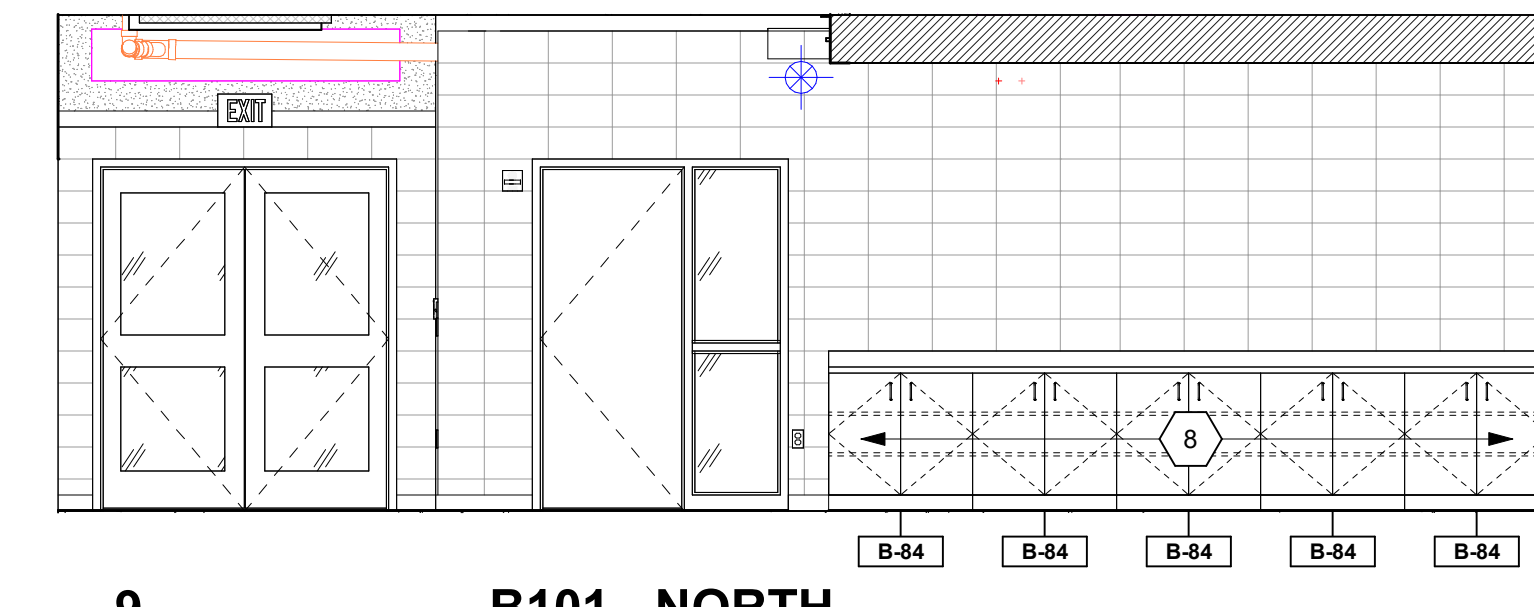
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 SCALE: 1/4" = 1'-0"



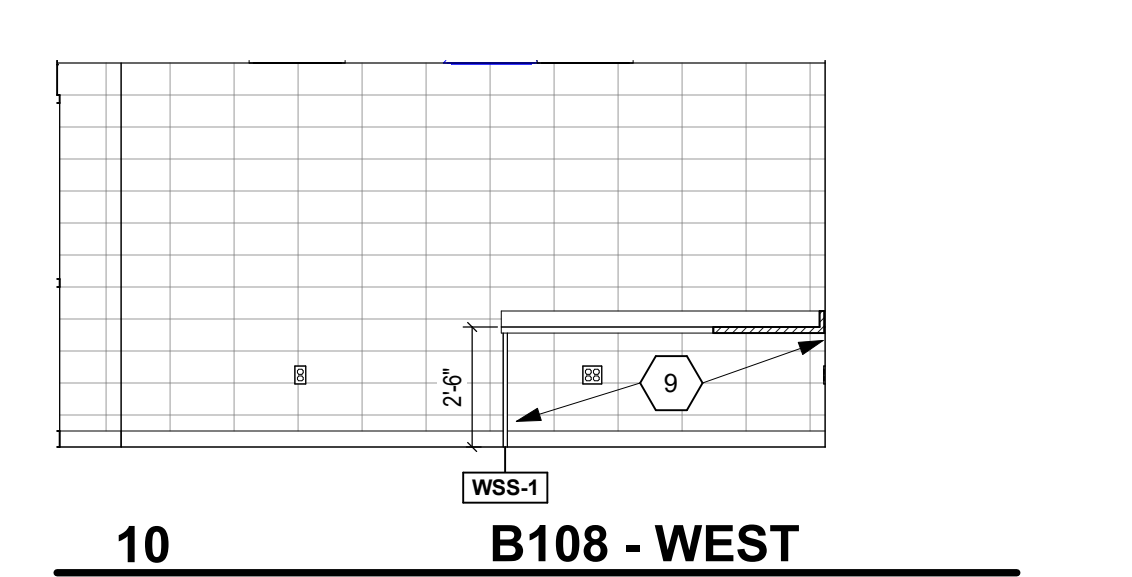
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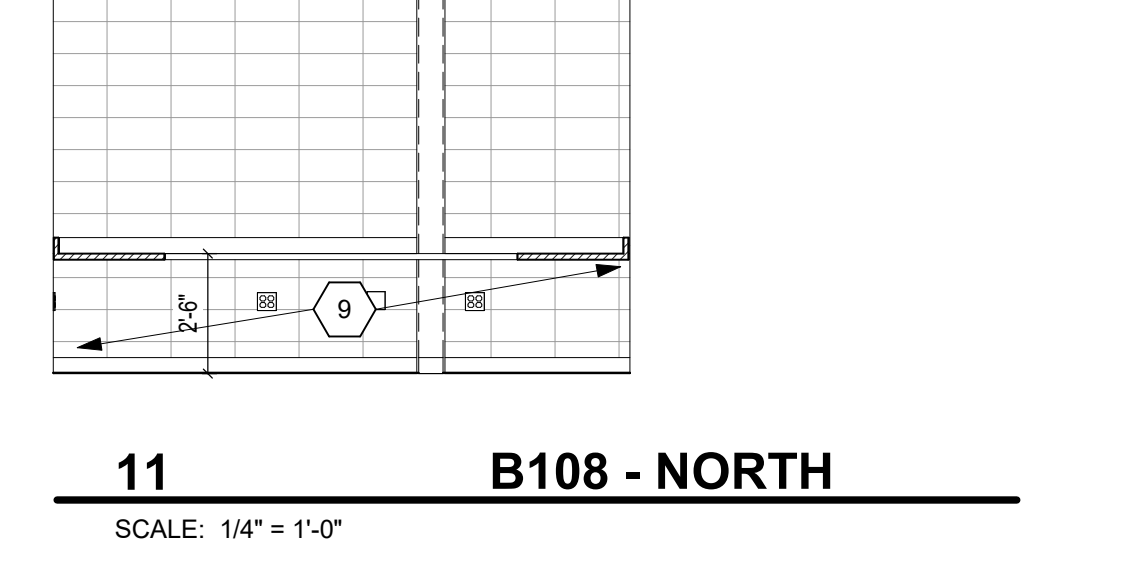
**8 A124 CASEWORK**  
 SCALE: 1/4" = 1'-0"



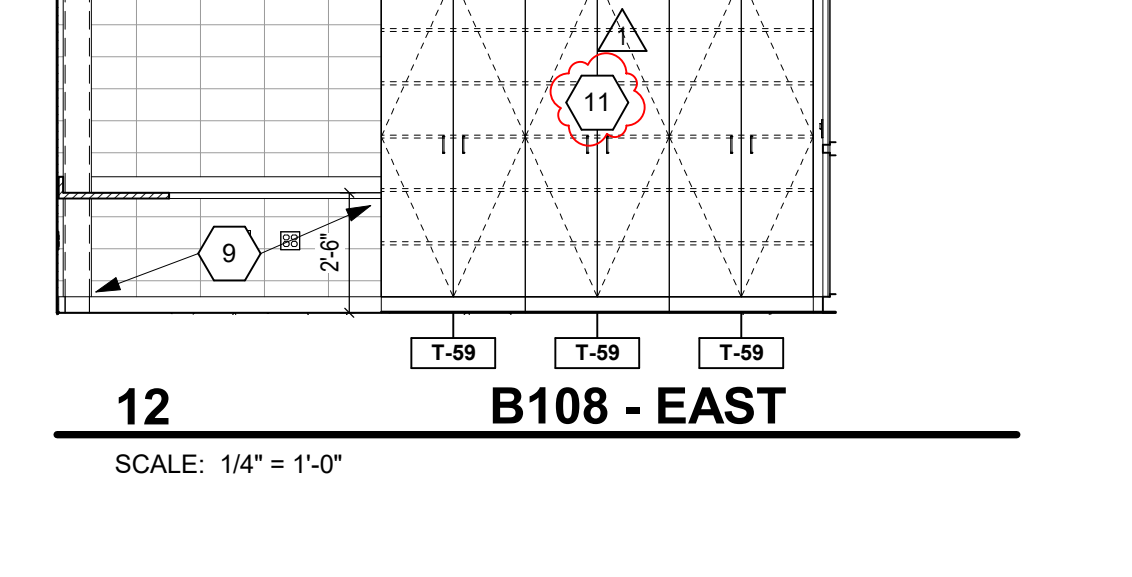
**9 B101 - NORTH**  
 SCALE: 1/4" = 1'-0"



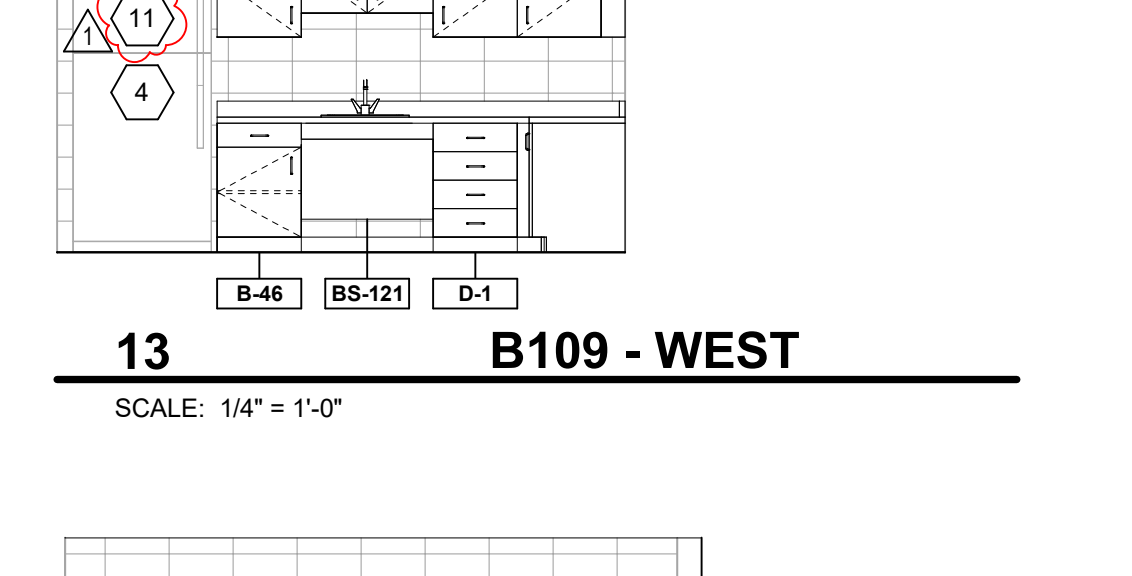
**10 B108 - WEST**  
 SCALE: 1/4" = 1'-0"



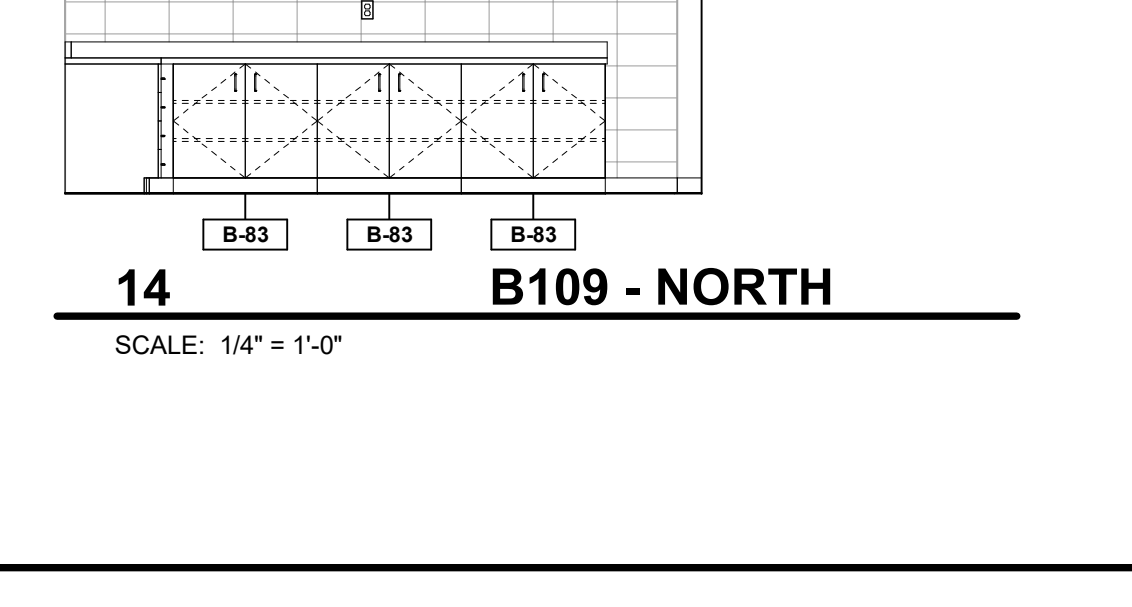
**11 B108 - NORTH**  
 SCALE: 1/4" = 1'-0"



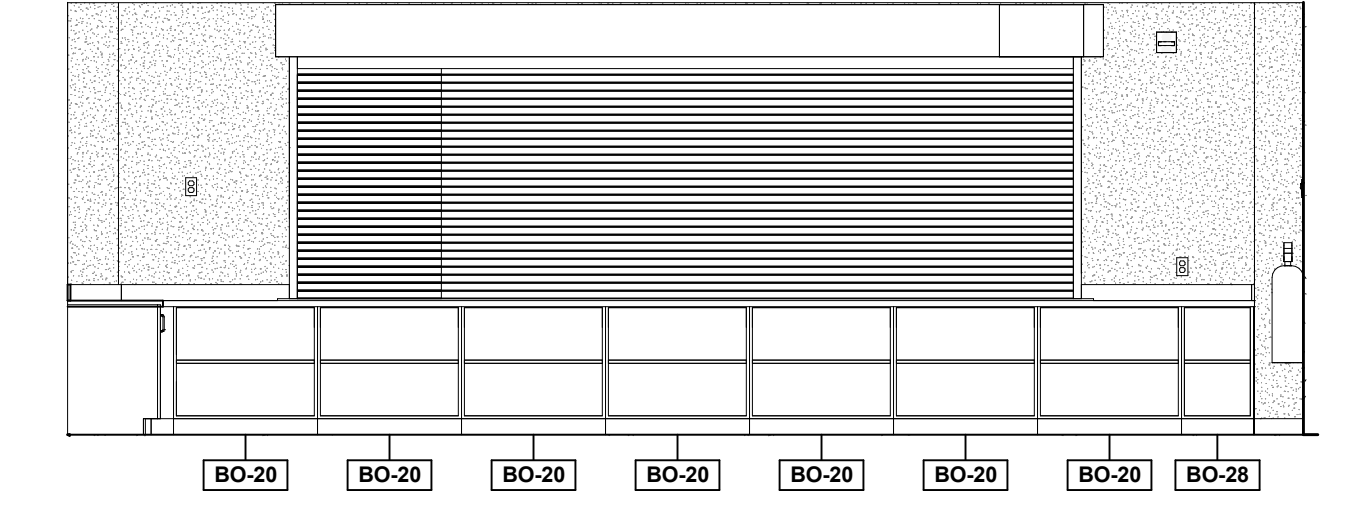
**12 B108 - EAST**  
 SCALE: 1/4" = 1'-0"



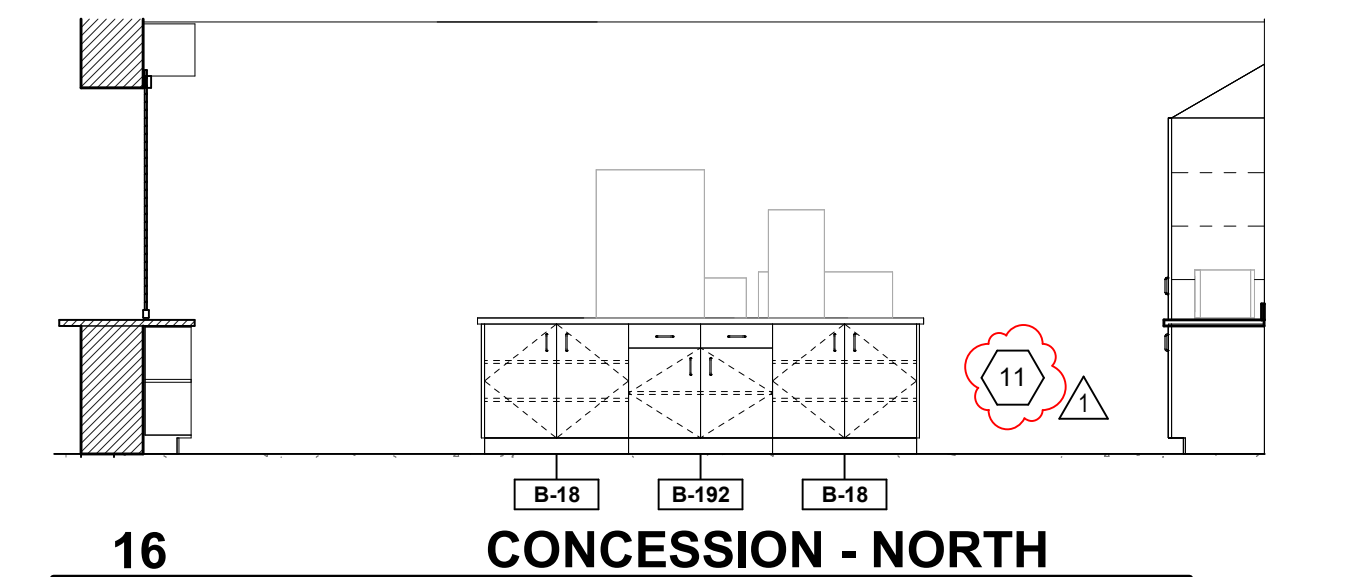
**13 B109 - WEST**  
 SCALE: 1/4" = 1'-0"



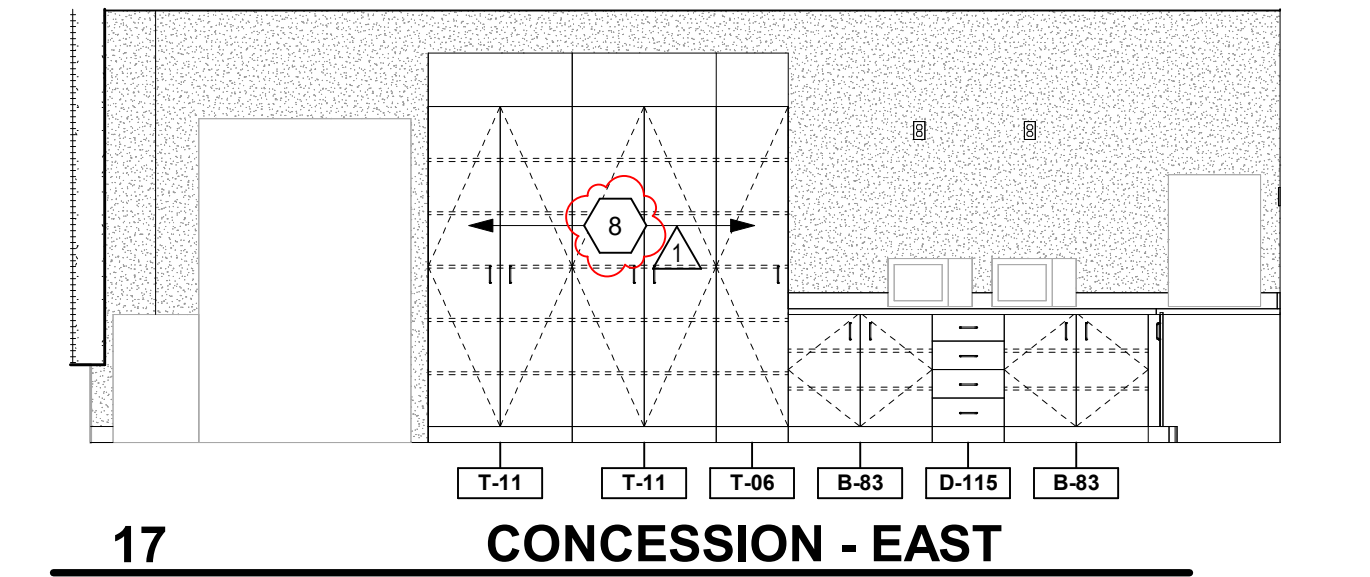
**14 B109 - NORTH**  
 SCALE: 1/4" = 1'-0"



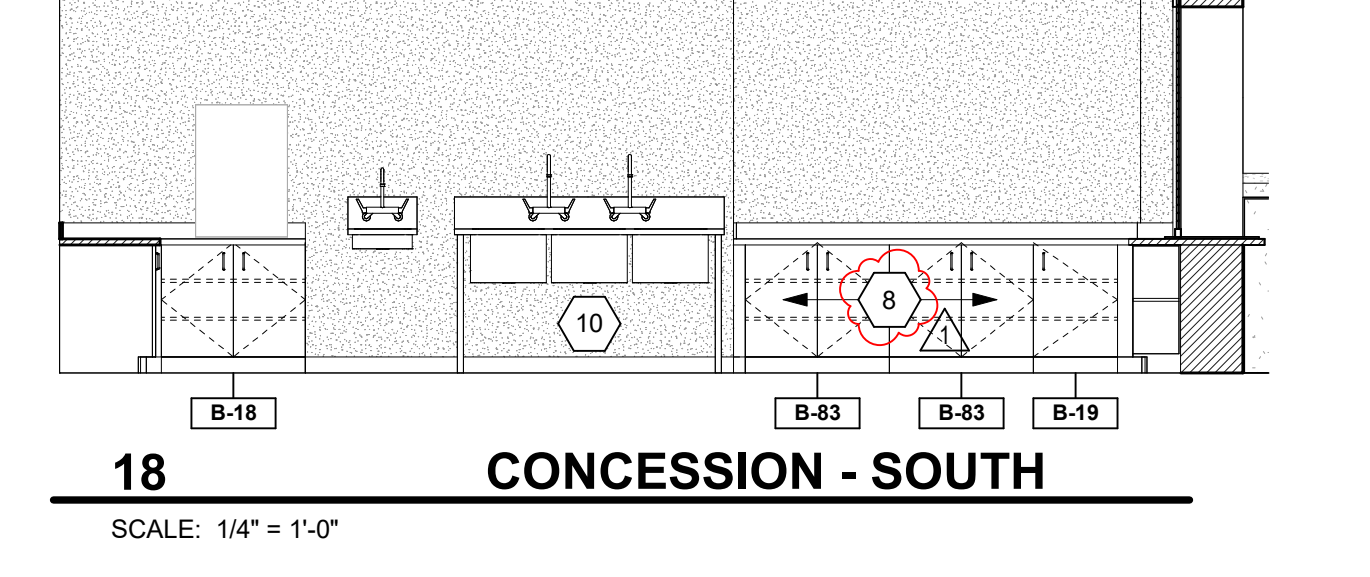
**15 CONCESSION - WEST**  
 SCALE: 1/4" = 1'-0"



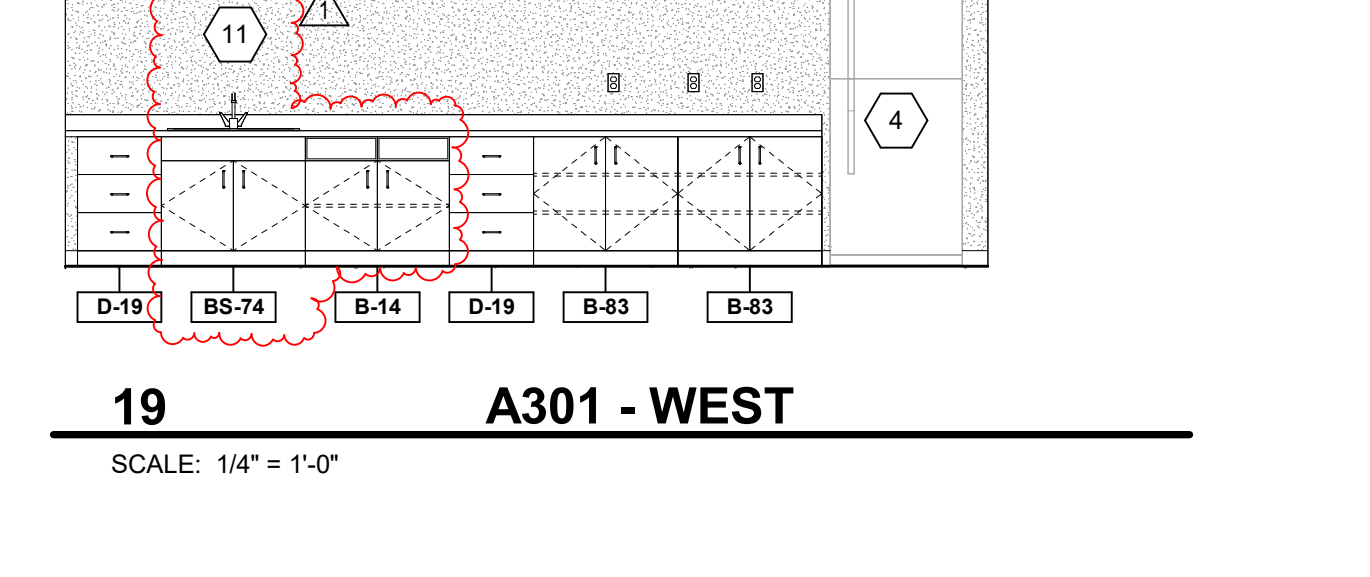
**16 CONCESSION - NORTH**  
 SCALE: 1/4" = 1'-0"



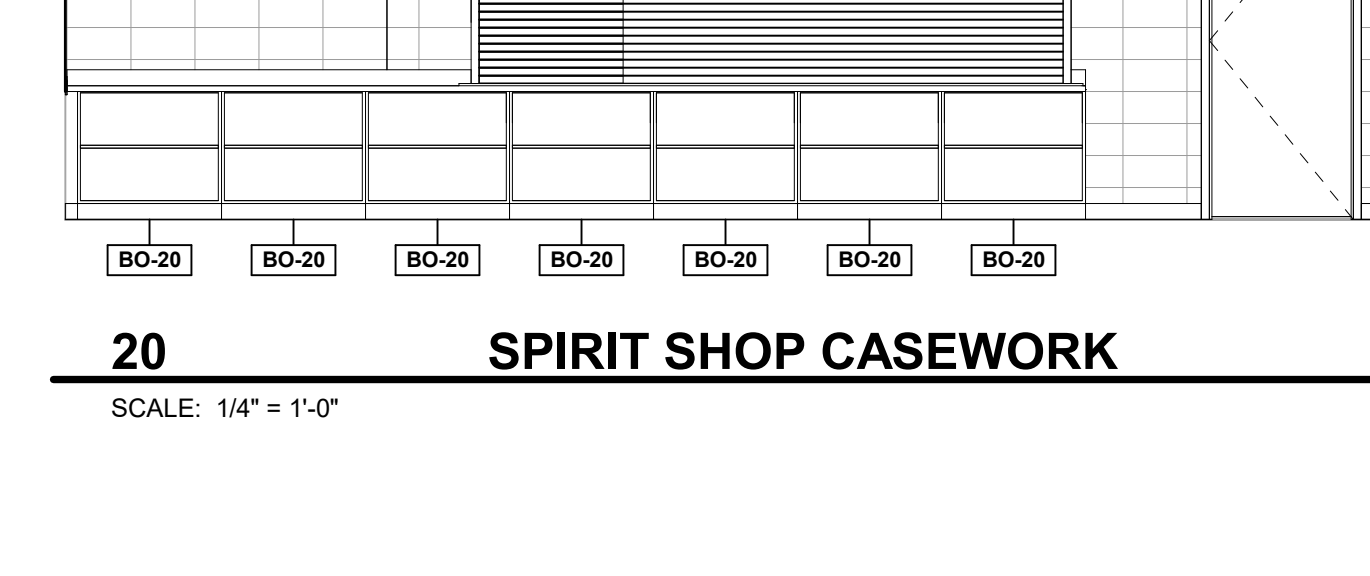
**17 CONCESSION - EAST**  
 SCALE: 1/4" = 1'-0"



**18 CONCESSION - SOUTH**  
 SCALE: 1/4" = 1'-0"



**19 A301 - WEST**  
 SCALE: 1/4" = 1'-0"



**20 SPIRIT SHOP CASEWORK**  
 SCALE: 1/4" = 1'-0"

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E. Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT



317.848.0966 WWW.FHAI.COM  
350 E. NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204

### LIST OF FINISHES REFER TO A7 ARCH. DWG. SHEETS

#### EQUIPMENT MATERIALS

##### ATHLETIC LOCKERS

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
	REFER TO SPECIFICATIONS	MATCH EXISTING (BLUE)

##### CORNER GUARDS

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
CG	ACROYVN	TO BE SELECTED

##### HP PLASTIC LAMINATE

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
PL-1 (TYP CABINETS)	FORMICA / WILSONART / NEVAMAR	STANDARD, TO BE SELECTED
PL-2 (PRESSBOX)	FORMICA / WILSONART / NEVAMAR	STANDARD, TO BE SELECTED
PL-3 (COUNTERS)	FORMICA / WILSONART / NEVAMAR	PREMIUM, TO BE SELECTED
PL-4 (PRESSBOX WALL)	FORMICA / WILSONART / NEVAMAR	STANDARD, TO BE SELECTED

##### KICKPLATES

STAINLESS STEEL

##### MARKERBOARD

WHITE

##### PLASTIC TOILET PARTITIONS/COMPARTMENTS

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
TPP-1 (SECOND FLOOR)	REFER TO SPECIFICATIONS	UPRIGHTS AND DOOR TO BE SEPARATE COLORS STANDARD COLORS TO BE SELECTED
TPP-2 (FIRST FLOOR)	REFER TO SPECIFICATIONS	SINGLE STANDARD COLOR TO BE SELECTED

##### ROLLER WINDOW SHADES

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
RWS	REFER TO SPECIFICATIONS	TO BE SELECTED

##### SHOWER CURTAINS

WHITE

##### SOLID SURFACE MATERIAL

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
SSM-1	CORIAN / STARON / LX HAUSYS	GROUP 2, TO BE SELECTED
SSM-2 (PRESSBOX-SILLS)	CORIAN / STARON / LX HAUSYS	GROUP 2, TO BE SELECTED
SSM-3 (PRESSBOX-COUNTERS)	CORIAN / STARON / LX HAUSYS	GROUP 4, TO BE SELECTED
SSM-4 (LOCKER TOPS)	CORIAN / STARON / LX HAUSYS	GROUP 1, TO BE SELECTED

##### QUARTZ COUNTERTOPS

MATERIAL ABBREVIATION	MATERIAL/MANUFACTURER	COLOR SELECTION
QZ-1	CAMBRIA / WILSONART / LX HAUSYS VIATRA	GROUP 1, TO BE SELECTED

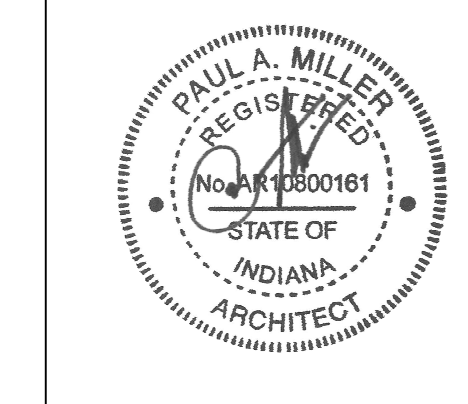
#### EQUIPMENT MATERIAL GENERAL NOTES

- CASEWORK FINISHES ARE AS FOLLOWS (UNLESS OTHERWISE NOTED).
  - HIGH PRESSURE PLASTIC LAMINATE COUNTERTOPS AND WORKSURFACES ARE TO BE PL-3, UNLESS OTHERWISE NOTED.
  - 3MM AND 1MM PVC EDGES ON COUNTERTOPS AND WORKSURFACES ARE TO MATCH PL-3. SUBMIT MANUFACTURER SAMPLE FOR VERIFICATION.
  - HIGH PRESSURE PLASTIC LAMINATE CABINETS/VERTICAL SURFACES ARE TO BE PL-1 UNLESS OTHERWISE NOTED. INTERIOR MELAMINE TO BE WHITE.
  - 3MM AND 1MM PVC EDGES ON CASEWORK ARE TO MATCH PL-1. SUBMIT MANUFACTURER SAMPLE FOR VERIFICATION. HANDLES TO BE SILVER METALLIC POWDERCOAT.
  - HINGES TO BE SILVER METALLIC POWDERCOAT.
- ALL CASEWORK TO BE PROVIDED WITHOUT LOCKS UNLESS OTHERWISE NOTED.
- CASEWORK IN CONCESSION STANDS TO BE PL-1 WITH QZ-1 COUNTERTOPS.
- CASEWORK IN PRESSBOX TO BE PL-2 WITH SSM-3 COUNTERTOPS.
- REFER TO ASS 01 FOR ADDITIONAL FINISHES NOT INCLUDED ON THIS SHEET.

#### CASEWORK SCHEDULE

TYPE	NO.	SIZE			DESCRIPTION
		W	D	H	
B	11	1'-6"	2'-0"	2'-10"	BASE UNIT WITH ONE HINGED DOOR AND NO SHELVES - HOUSES TRASH CAN.
B	14	3'-0"	2'-0"	2'-10"	TRASH BASE UNIT WITH TWO HINGED SWINGING PANELS, TWO HINGED DOORS, AND NO SHELVES. REFER TO DETAIL...
B	18	3'-0"	2'-6"	2'-10"	BASE UNIT WITH TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS.
B	19	1'-0"	2'-0"	2'-10"	BASE UNIT WITH ONE HINGED DOOR.
B	34	1'-3"	2'-0"	2'-10"	BASE UNIT WITH ONE DRAWER, ONE ADJUSTABLE SHELF AND ONE HINGED DOOR.
B	46	1'-9"	2'-0"	2'-10"	BASE UNIT WITH ONE DRAWER, ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
B	83	3'-0"	2'-0"	2'-10"	BASE UNIT WITH TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS.
B	84	3'-0"	2'-0"	2'-10"	BASE UNIT WITH TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS.
B	177	2'-0"	2'-0"	2'-10"	BASE UNIT WITH TWO DRAWERS, ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
B	178	3'-0"	2'-0"	2'-10"	BASE UNIT WITH TWO DRAWERS, ONE VERTICAL DIVIDER, TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS.
B	182	3'-0"	2'-6"	2'-10"	BASE UNIT WITH TWO DRAWERS, ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
BO	29	3'-0"	1'-11"	2'-10"	OPEN BASE UNIT WITH ONE ADJUSTABLE SHELF.
BO	28	1'-6"	1'-11"	2'-10"	OPEN BASE UNIT WITH ONE ADJUSTABLE SHELF.
BO	87	3'-0"	2'-0"	3'-0"	OPEN BASE UNIT WITH ONE ADJUSTABLE SHELF.
BO	88	3'-3"	2'-0"	3'-0"	OPEN BASE UNIT WITH ONE ADJUSTABLE SHELF.
BO	89	3'-0"	2'-0"	3'-0"	OPEN BASE UNIT WITH ONE VERTICAL DIVIDER AND TWO ADJUSTABLE SHELVES.
BS	73	3'-0"	2'-0"	2'-10"	SINK BASE UNIT WITH TWO HINGED DOORS AND ONE BLANK DRAWER PANEL.
BS	74	3'-0"	2'-0"	2'-10"	SINK BASE UNIT WITH TWO POCKET DOORS AND ONE BLANK DRAWER PANEL; REFER TO DETAIL 10A7S.01
BS	121	2'-0"	2'-0"	2'-0"	ADULT ADA SINK BASE UNIT WITH A REMOVABLE ACCESS PANEL.
BS	122	2'-0"	2'-0"	2'-0"	JUVENILE ADA SINK BASE UNIT WITH A REMOVABLE ACCESS PANEL.
D	1	1'-0"	2'-0"	2'-10"	DRAWER UNIT WITH FOUR EQUAL DRAWERS, 4-1/2 INCHES DEEP INSIDE.
D	19	1'-9"	2'-0"	2'-10"	DRAWER UNIT WITH THREE EQUAL DRAWERS, 6-1/2 INCHES DEEP INSIDE.
D	115	1'-6"	2'-0"	2'-10"	DRAWER UNIT WITH FOUR EQUAL DRAWERS, 4-1/2 INCHES DEEP INSIDE.
MW	1	2'-6"	1'-2"	1'-4"	WALL UNIT WITH CLOSED DOOR UPPER AND 16" TALL OPEN AREA BELOW. INCLUDE 22" DEEP SHELF FOR MICROWAVE AND CUT OUT IN BACK PANEL OF OPEN AREA FOR OUTLET (VF). OVERALL HEIGHT TO BE 30". BASIS OF DESIGN: STEVENS HOME ART CABINET #15149.
MW	11	2'-3"	1'-2"	1'-4"	WALL UNIT WITH CLOSED DOOR UPPER AND 16" TALL OPEN AREA BELOW. INCLUDE 22" DEEP SHELF FOR MICROWAVE AND CUT OUT IN BACK PANEL OF OPEN AREA FOR OUTLET (VF). OVERALL HEIGHT TO BE 30". BASIS OF DESIGN: STEVENS HOME ART CABINET #15149. INCLUDE SLOPED TOP.
T	06	1'-6"	2'-0"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND ONE HINGED DOOR. INCLUDE SLOPED TOP.
T	11	3'-0"	2'-0"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES, TWO HINGED DOORS, AND SLOPED TOP.
T	48	2'-0"	1'-2"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND TWO HINGED DOORS.
T	58	3'-0"	2'-6"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND TWO HINGED DOORS.
T	59	3'-0"	2'-6"	7'-0"	TALL UNIT WITH FIVE ADJUSTABLE SHELVES AND TWO HINGED DOORS. PROVIDE CUTOUTS IN FIELD FOR OUTLETS RELATED TO CHARGING CABLES.
TO	10	3'-0"	2'-0"	7'-0"	TALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS. OPEN CABINET ABOVE WITH THREE ADJUSTABLE SHELVES AND NO DOORS. INCLUDE SLOPED TOP.
W	15	1'-9"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND ONE HINGED DOOR. INCLUDE SLOPED TOP.
W	28	3'-0"	1'-2"	2'-0"	WALL UNIT WITH TWO HINGED DOORS.
W	30	3'-0"	2'-0"	1'-0"	WALL UNIT WITH TWO HINGED DOORS. INCLUDE SLOPED TOP.
W	31	3'-0"	2'-0"	1'-0"	WALL UNIT WITH TWO HINGED DOORS.
W	35	3'-0"	1'-2"	2'-6"	WALL UNIT WITH ONE VERTICAL DIVIDER, TWO ADJUSTABLE SHELVES AND TWO HINGED DOORS.
W	43	2'-0"	1'-2"	2'-0"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS. INCLUDE SLOPED TOP.
W	44	3'-0"	1'-2"	2'-0"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
W	50	2'-6"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
W	52	3'-0"	1'-2"	2'-6"	WALL UNIT WITH ONE ADJUSTABLE SHELF AND TWO HINGED DOORS.
WSS	1	3'-0"	2'-4"	2'-6"	WORKSURFACE SUPPORT.
WSS	2	3'-0"	2'-0"	2'-10"	WORKSURFACE SUPPORT.

#### 100% CONSTRUCTION DOCUMENTS

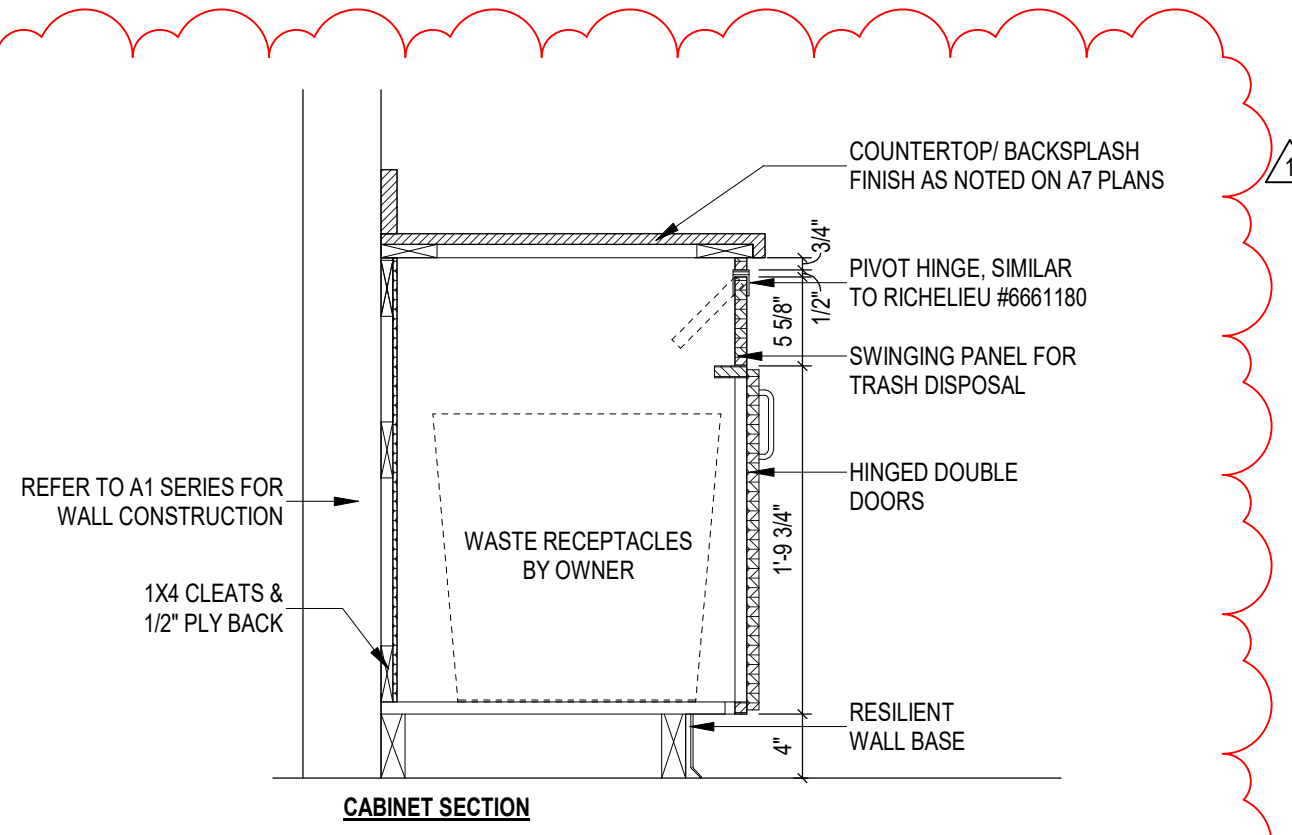


PROJECT MANAGER: MKS  
DRAWN BY: AMIL  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

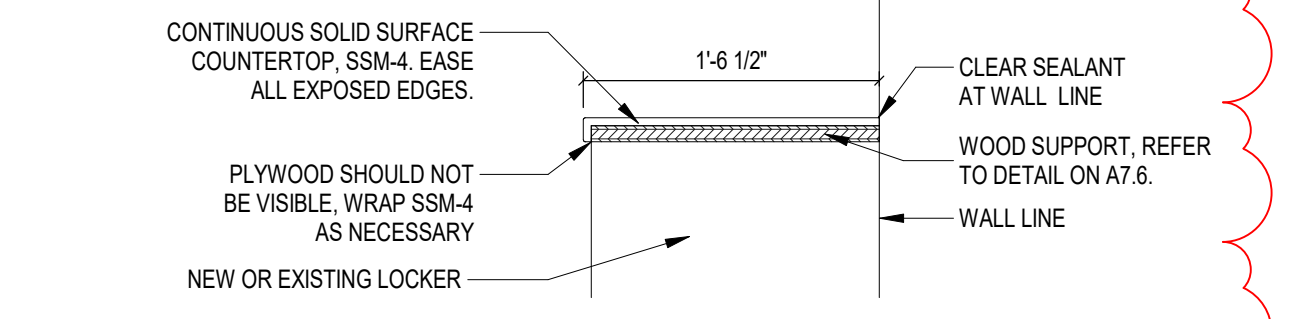
#### CASEWORK SCHEDULE & EQUIPMENT DETAILS

# A7S.01



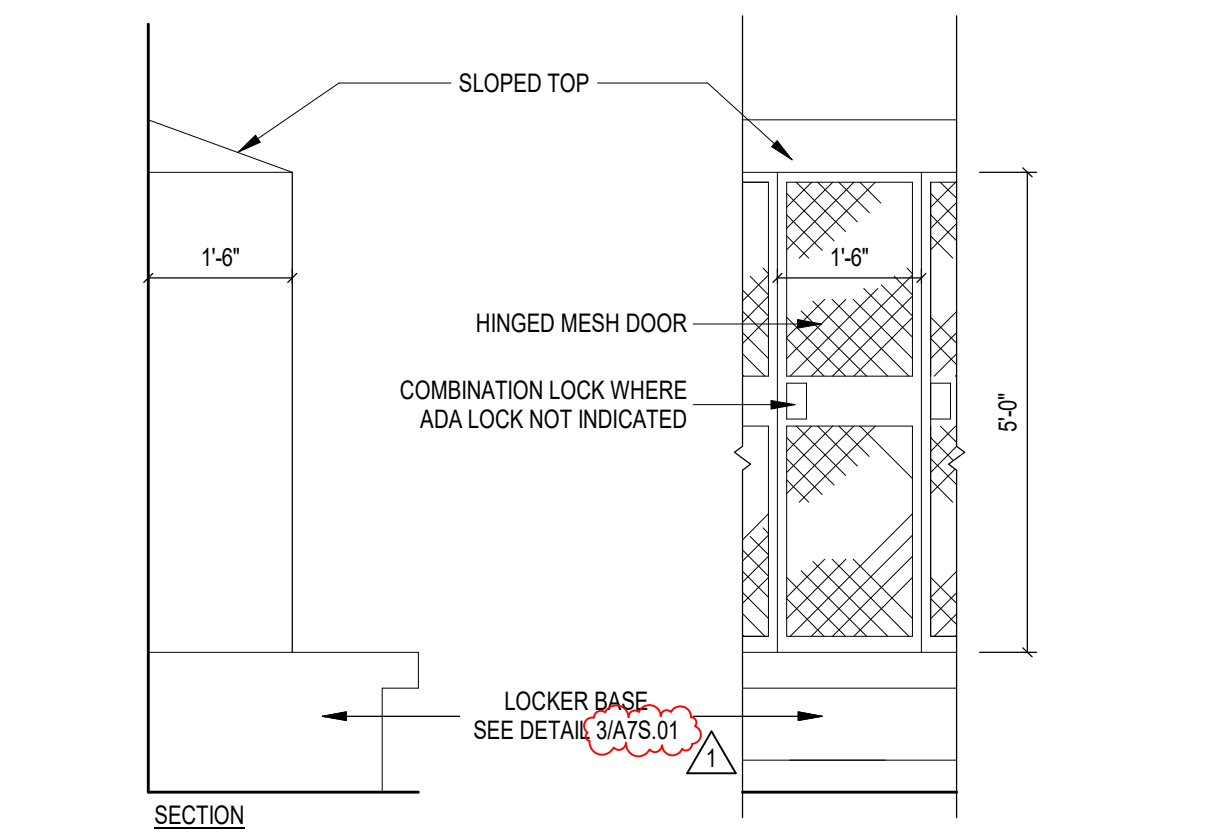
**11 TRASH BASE CABINET**

SCALE: 1" = 1'-0"



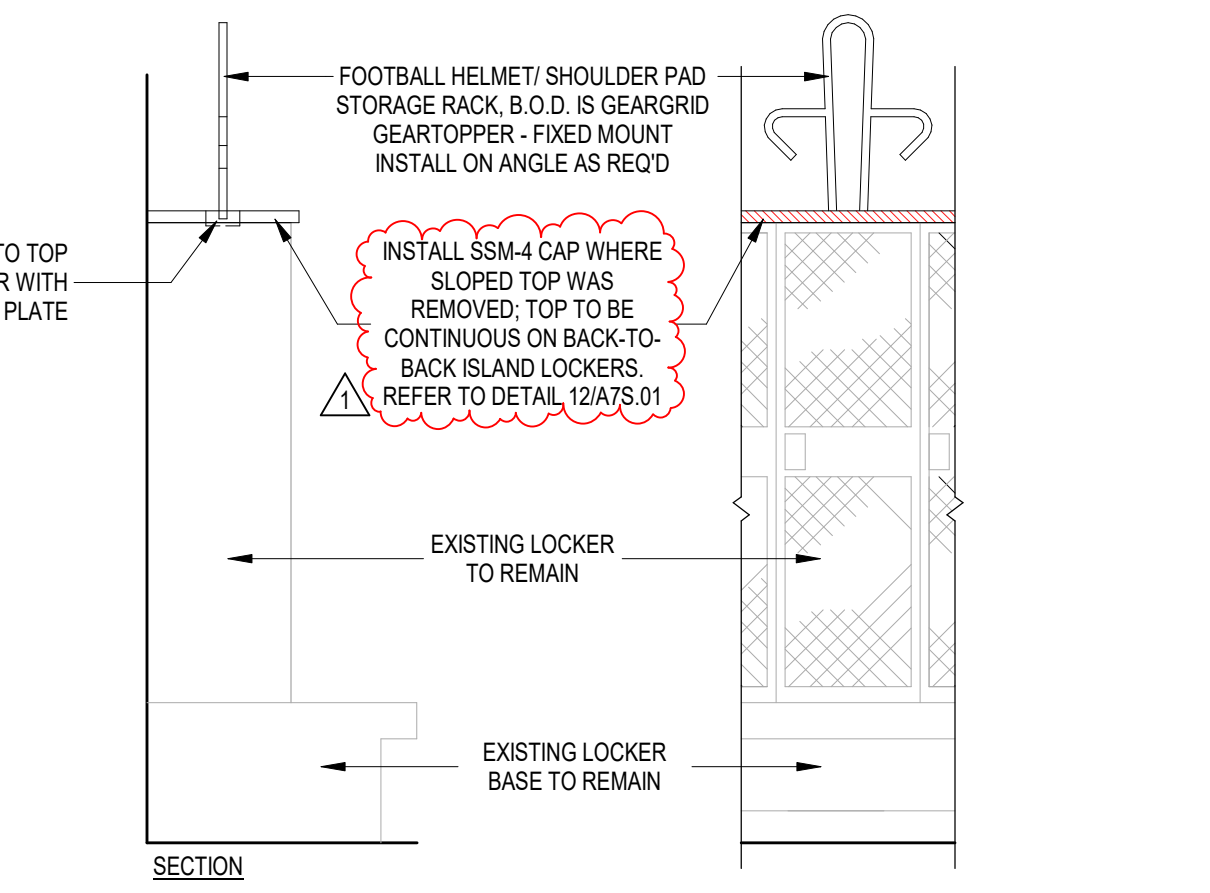
**12 LOCKER TOP DETAIL**

N.T.S.



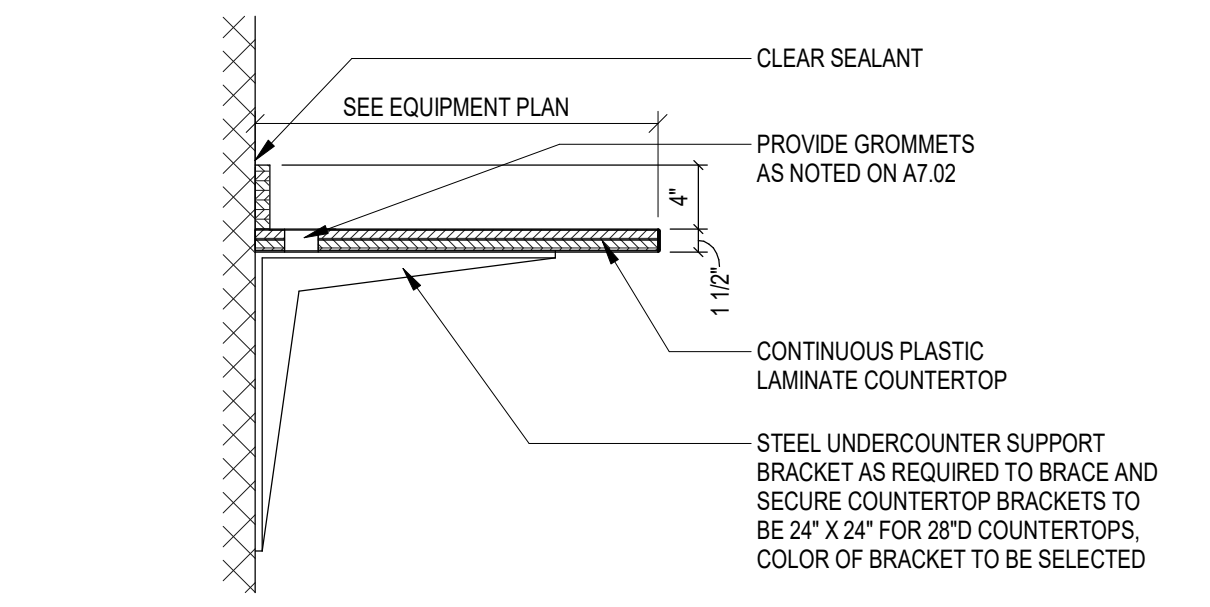
**6 LOCKER DETAIL - TYPE C**

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



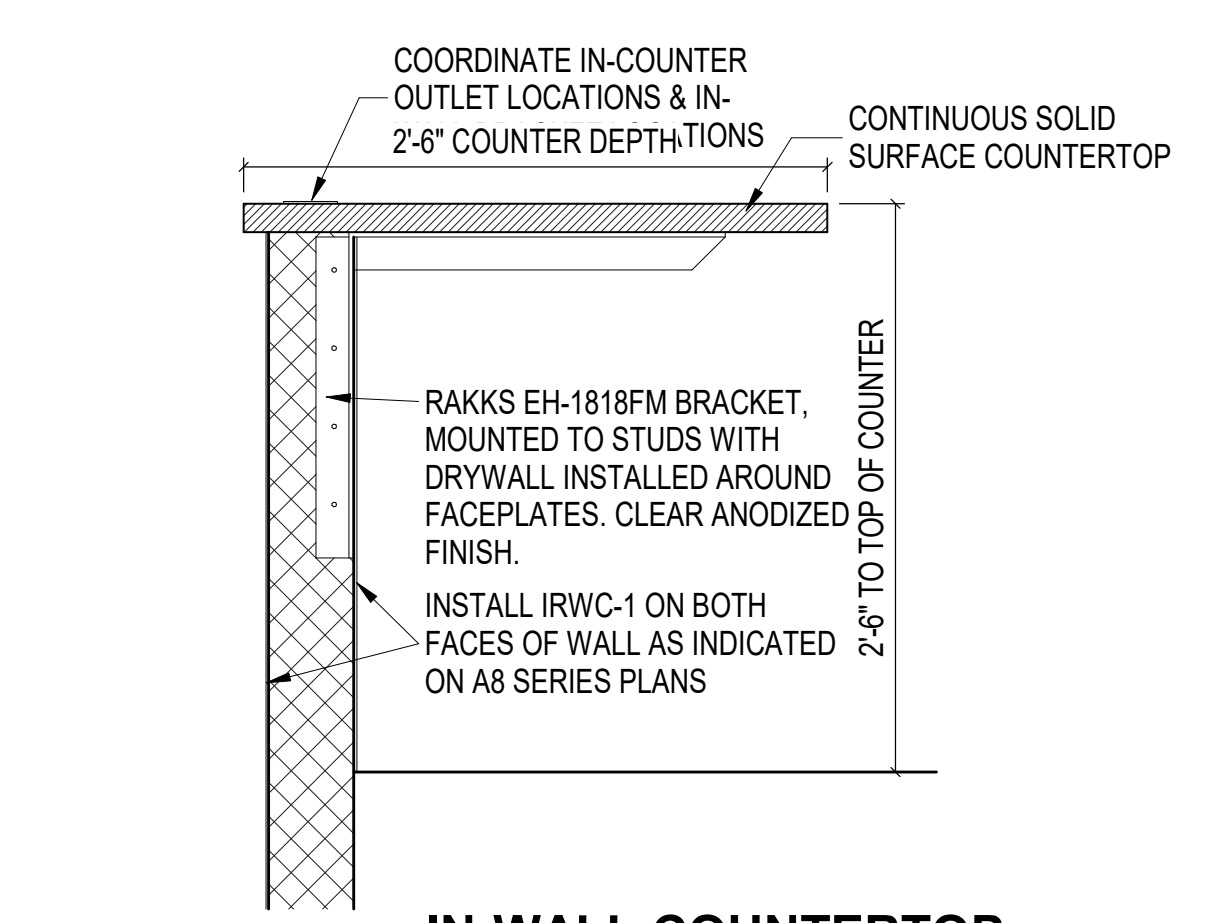
**7 STORAGE RACK DETAIL**

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



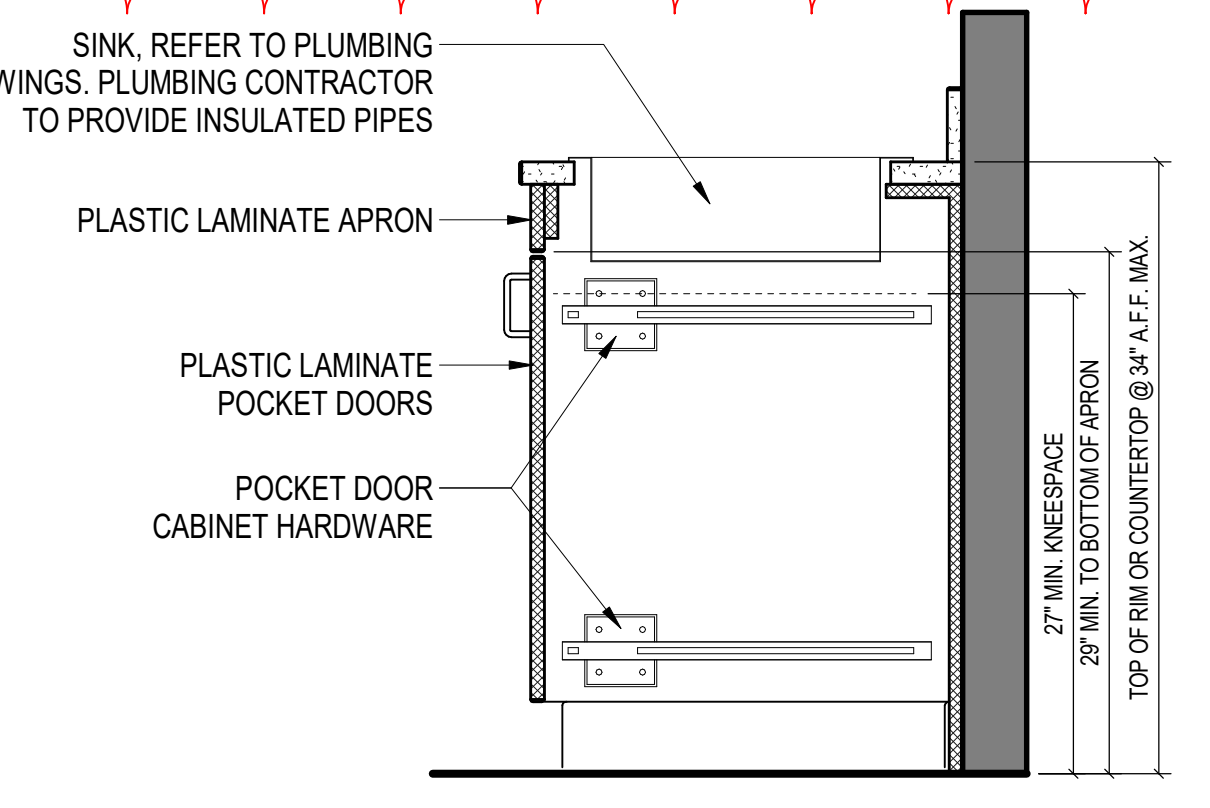
**8 KNEESPACE DETAIL (PL-2)**

N.T.S.



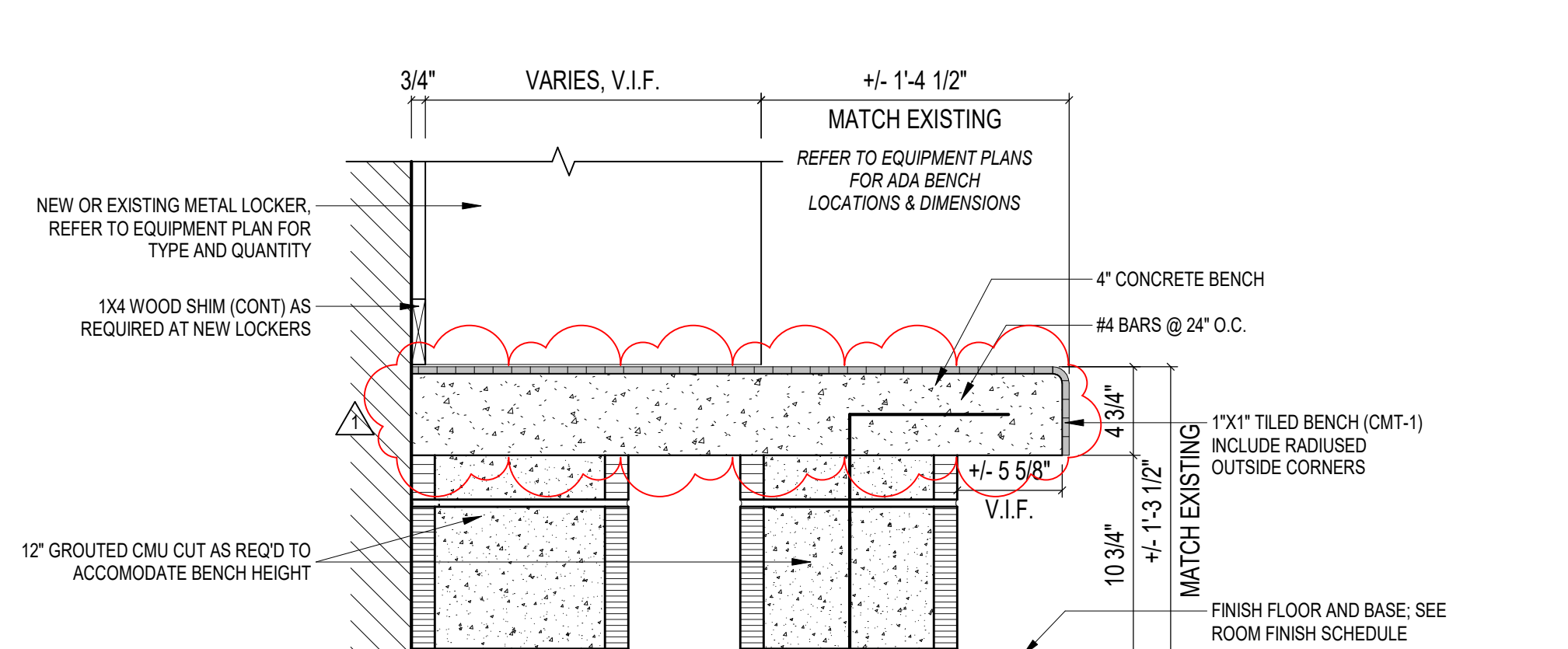
**9 IN-WALL COUNTERTOP BRACKET (SSM-3)**

N.T.S.



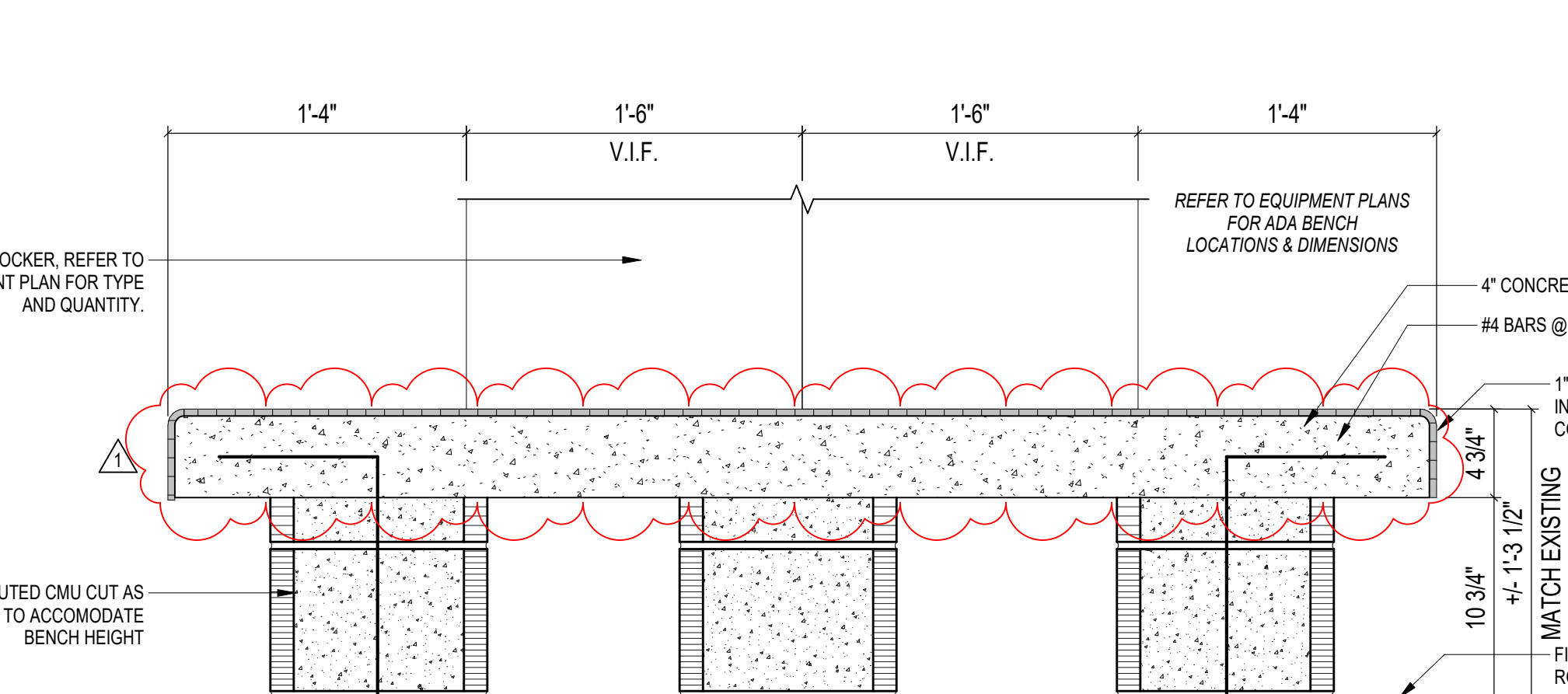
**10 ADA SINK BASE CABINET**

N.T.S.



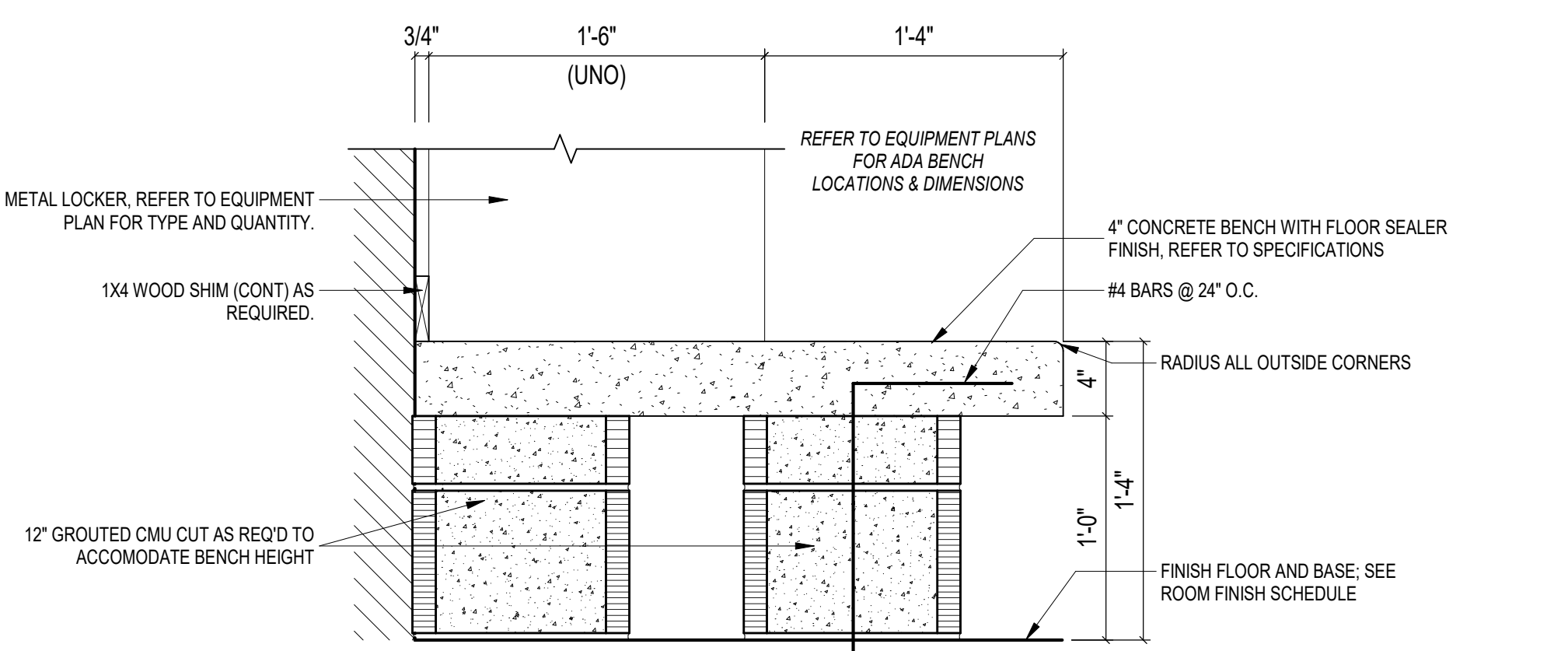
**1 TILED BENCH DETAIL - SINGLE**

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



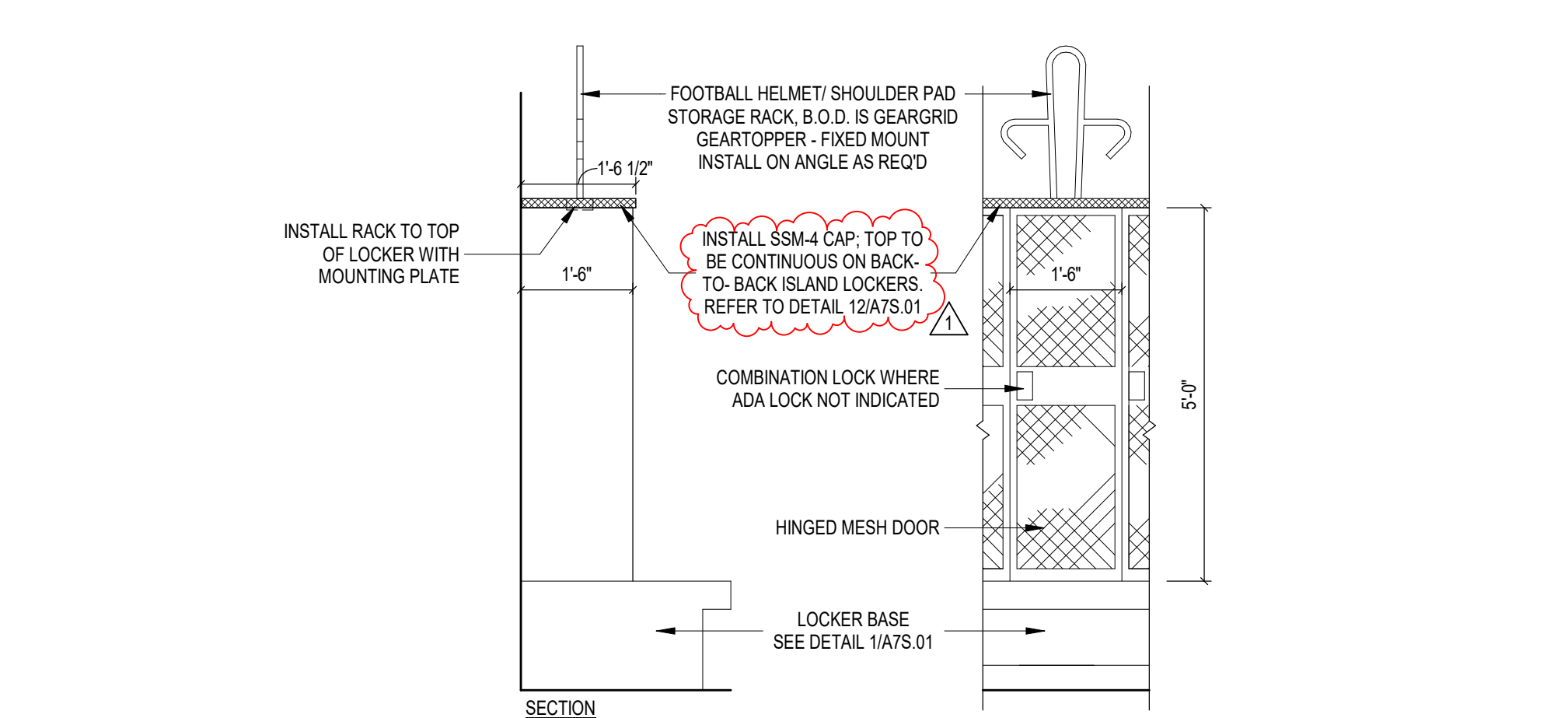
**2 TILED BENCH DETAIL - DOUBLE**

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



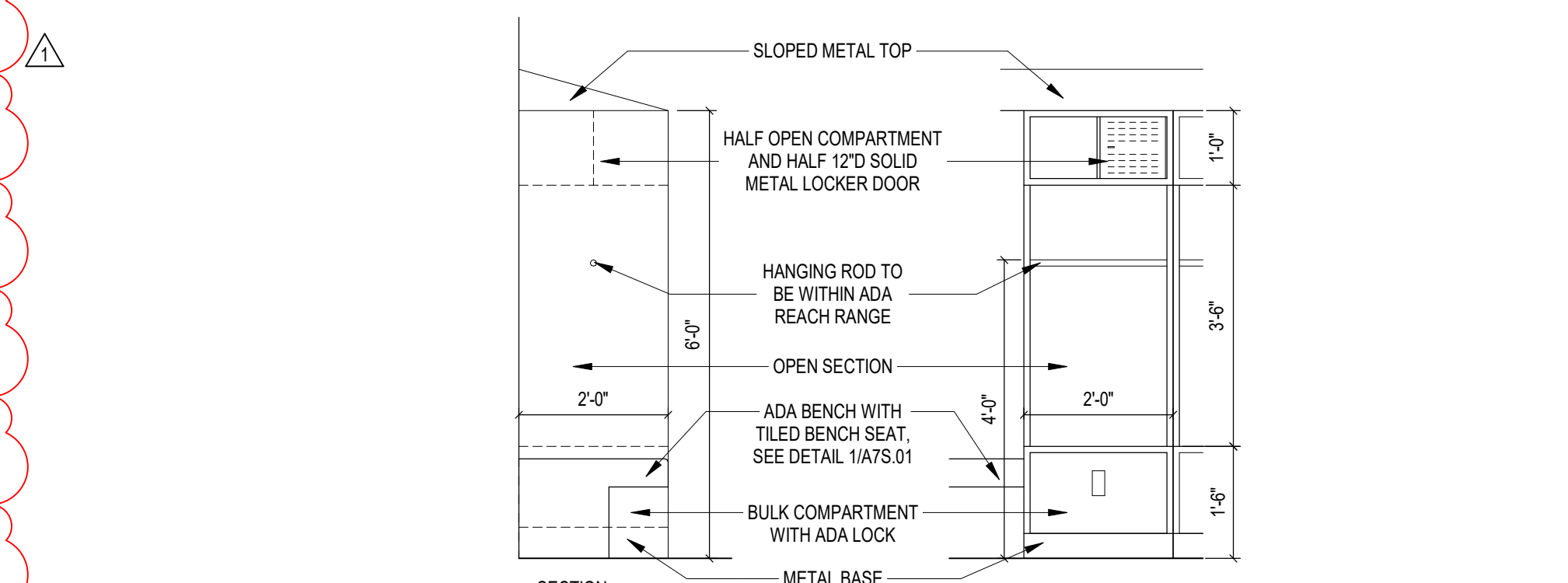
**3 CONCRETE BENCH DETAIL**

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



**4 LOCKER DETAIL - TYPE A**

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



**5 LOCKER DETAIL - TYPE B**

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





# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

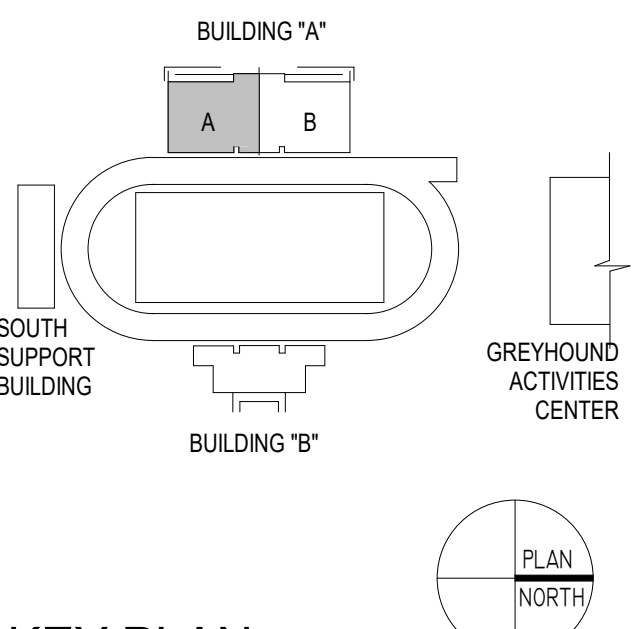
5201 E. Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

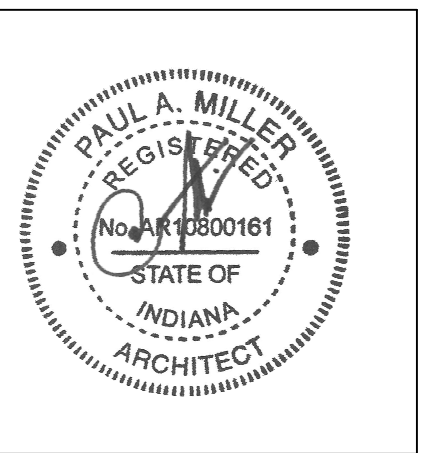


317.848.0966 WWW.FHAI.COM  
350 E. NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



### KEY PLAN

### 100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: TPV  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

### FIRST FLOOR REFLECTED CEILING PLAN BUILDING A - UNIT A

# A9.01

ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	256 SF
A102	EQUIPMENT	809 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	78 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	358 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKERS	88 SF
A110	LOCKER ROOM	1749 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	98 SF
A114	ELECTRICAL	239 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	528 SF
A117	OFFICE	111 SF
A118	STORAGE	23 SF
A119	WOMEN	78 SF
A120	WOMEN'S OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR/HALLWAY	528 SF
A124	COACHES	809 SF
A125	FIRE PUMP	160 SF
A126	WOMEN'S OFFICIALS/MANAGERS	153 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	296 SF
A129	TRAINING	895 SF
A130	CLINIC	142 SF
A131	RECOVERY	163 SF
A132	STORAGE	102 SF
A134	ELEV. EQPT.	59 SF
A135	IT/DATA CLOSET	48 SF
A136	STUDENT COMMONS	796 SF
A137	HALLWAY	1507 SF
A138	OFFICE	163 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

### REFLECTED CEILING PLAN LEGEND

- A. PROVIDE REVEAL DRYWALL TRIM AT ALL LOCATIONS WHERE GYPSUM WALL BOARD (GWB) ABUTS A DISSIMILAR MATERIAL, TYPICAL UNLESS NOTED OTHERWISE. REFER TO DETAIL 77-A9.1. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT TO THE ROOF DECK.

### REFLECTED CEILING PLAN NOTES

- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- 1. INTERIOR FINISH SYSTEM BULKHEAD - SEE 3-A9.01
- 2. GWB BULKHEAD - SEE 3-A9.01
- 3. GWB BULKHEAD - SEE 1-A9.01

### REFLECTED CEILING PLAN LEGEND

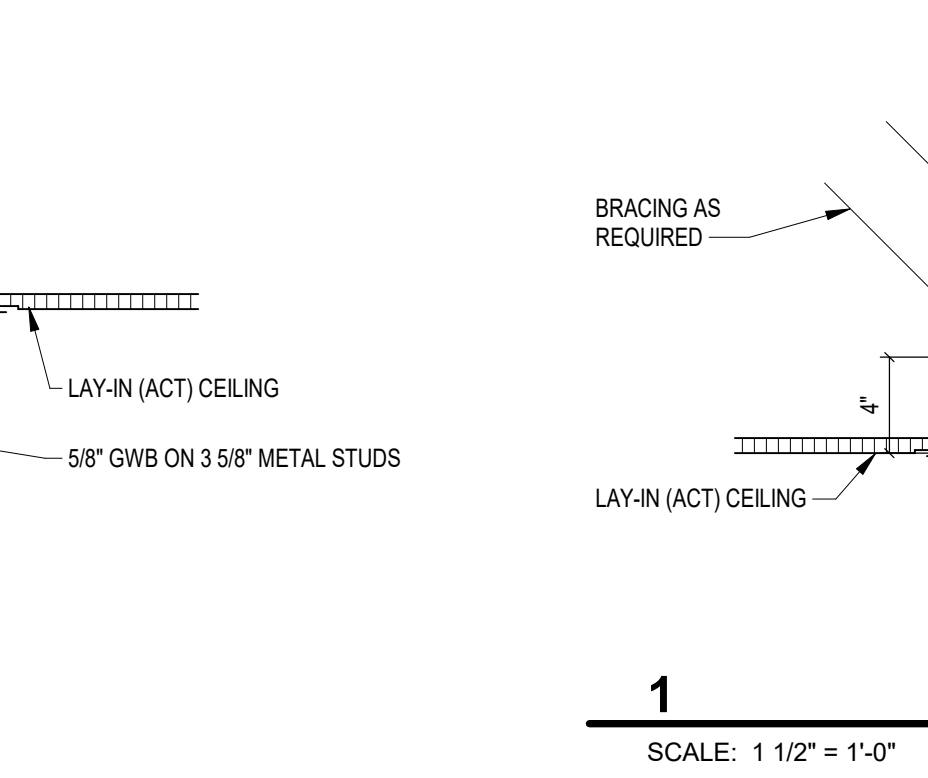
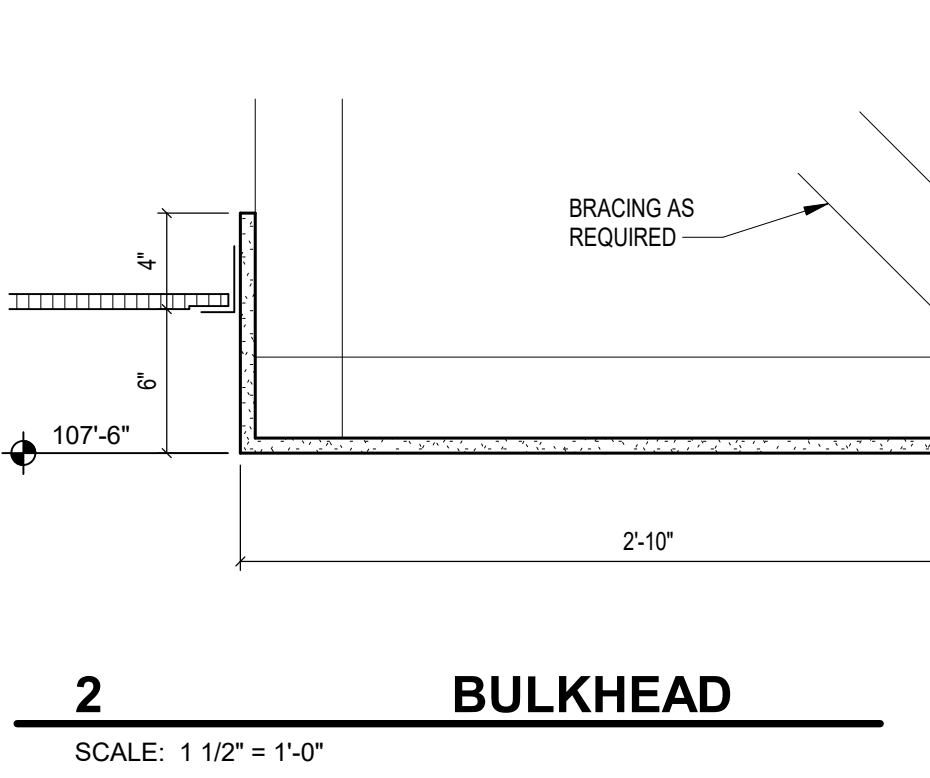
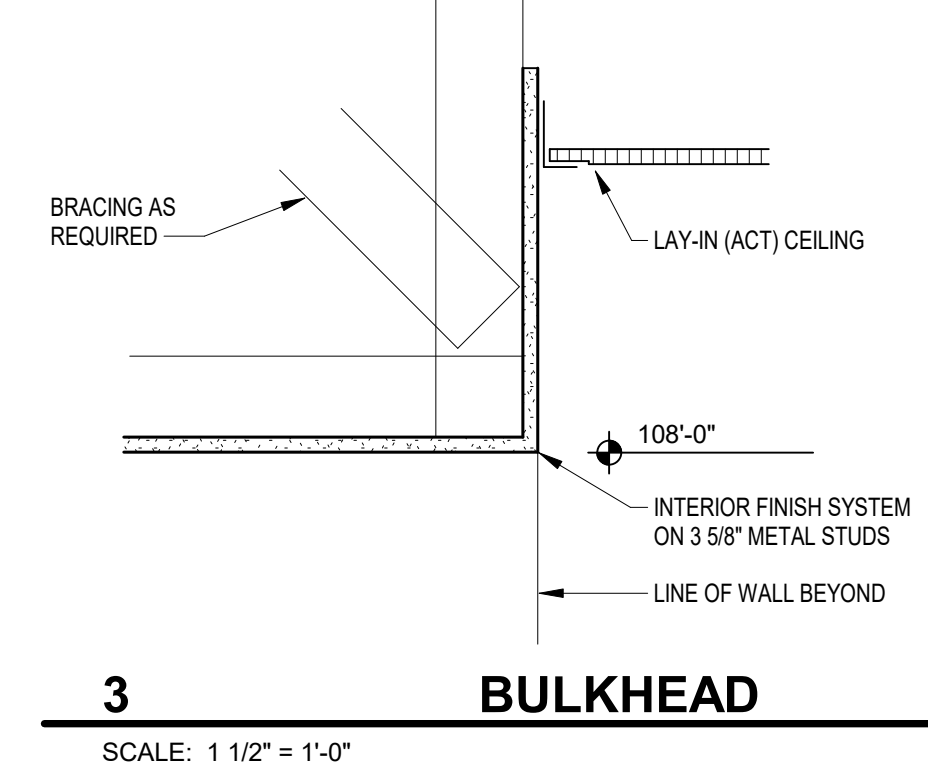
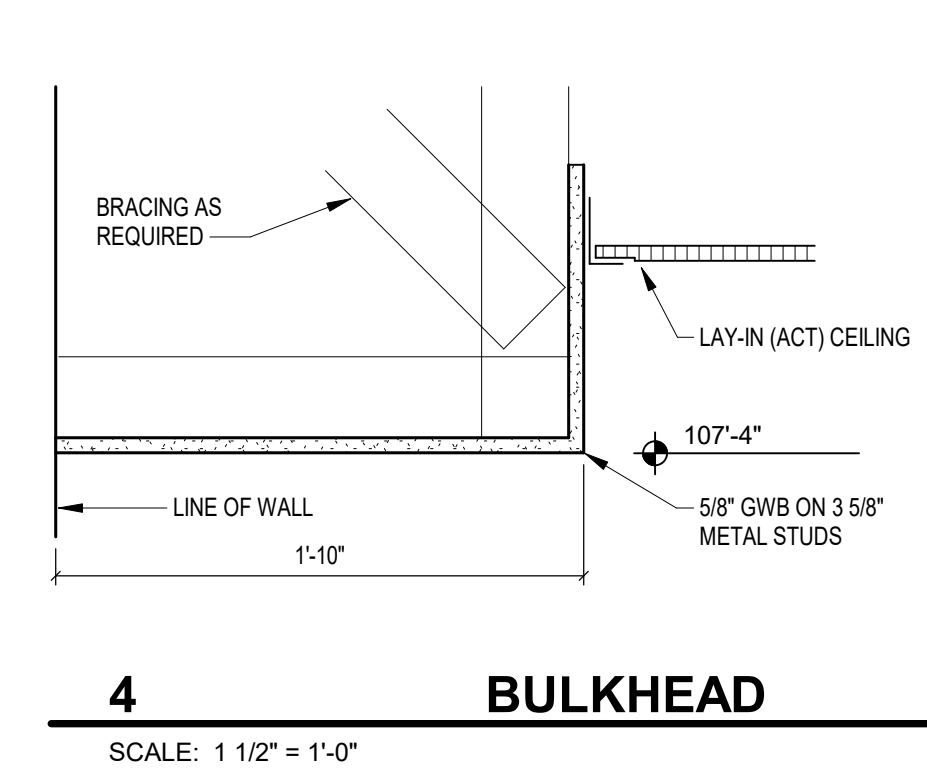
- 9'-0" INDICATES CEILING HEIGHT
- [Symbol] LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- [Symbol] LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- [Symbol] LIGHT FIXTURE - REFER TO ELECTRICAL DRAWINGS
- [Symbol] CLOCK - REFER TO TECHNOLOGY DRAWINGS
- [Symbol] MECHANICAL DIFFUSER - REFER TO MECHANICAL DRAWINGS
- [Symbol] MECHANICAL RETURN AIR GRILLE - REFER TO MECHANICAL DRAWINGS
- [Symbol] CEILING MOUNTED MECHANICAL UNIT - REFER TO MECHANICAL DRAWINGS
- [Symbol] MECHANICAL UNIT HEATER - REFER TO MECHANICAL DRAWINGS
- [Symbol] RECESSED CEILING SPEAKER
- [Symbol] MOTION DETECTOR
- [Symbol] CEILING MOUNTED EXIT LIGHT
- [Symbol] CEILING MOUNTED CAMERA
- [Symbol] WIRELESS ACCESS POINT (WAP)
- [Symbol] CONTROL JOINT IN GYPSUM BOARD CEILING OR BULKHEAD
- [Symbol] SOUND REINFORCEMENT SPEAKER
- [Symbol] FIRE ALARM HEAT DETECTOR
- [Symbol] FIRE ALARM HORN STROBE
- [Symbol] FIRE ALARM SPEAKER STROBE
- [Symbol] FIRE ALARM STROBE
- [Symbol] FIRE ALARM SMOKE DETECTOR
- [Symbol] OCCUPANCY SENSOR
- [Symbol] ACOUSTICAL CEILING TILE (ACT)
- [Symbol] ACOUSTICAL CEILING TILE (ACT)
- [Symbol] GYPSUM WALL BOARD BULKHEAD / CEILING EXTERIOR FINISH SYSTEM (E.F.S.)
- [Symbol] EXTERIOR INSULATION FINISH SYSTEM (E.I.F.S.)
- [Symbol] INTERIOR FINISH SYSTEM (I.F.S.)
- [Symbol] METAL SOFFIT PANELS

### VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



**FIRST FLOOR REFLECTED CEILING PLAN BUILDING A - UNIT A**  
SCALE: 1/8" = 1'-0"







**222154.00  
CARMEL HIGH SCHOOL STADIUM  
GRANDSTAND  
RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

5201 E. Main Street, Carmel, IN 46033  
317-844-9961



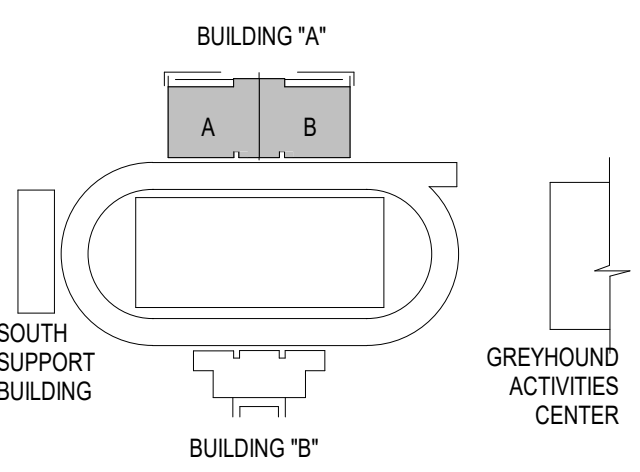
ARCHITECT



317.848.0966

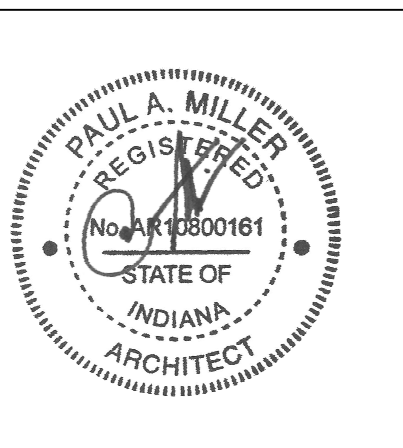
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350 E. NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

100% CONSTRUCTION DOCUMENTS

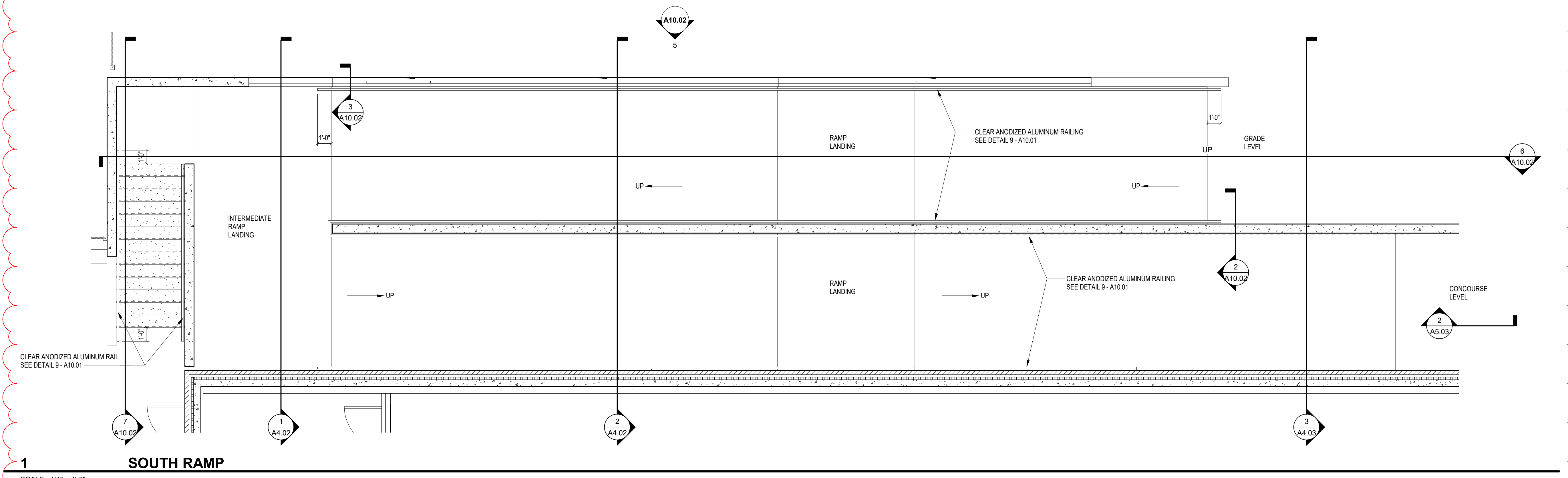


PROJECT MANAGER: MKS  
DRAWN BY: AH  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

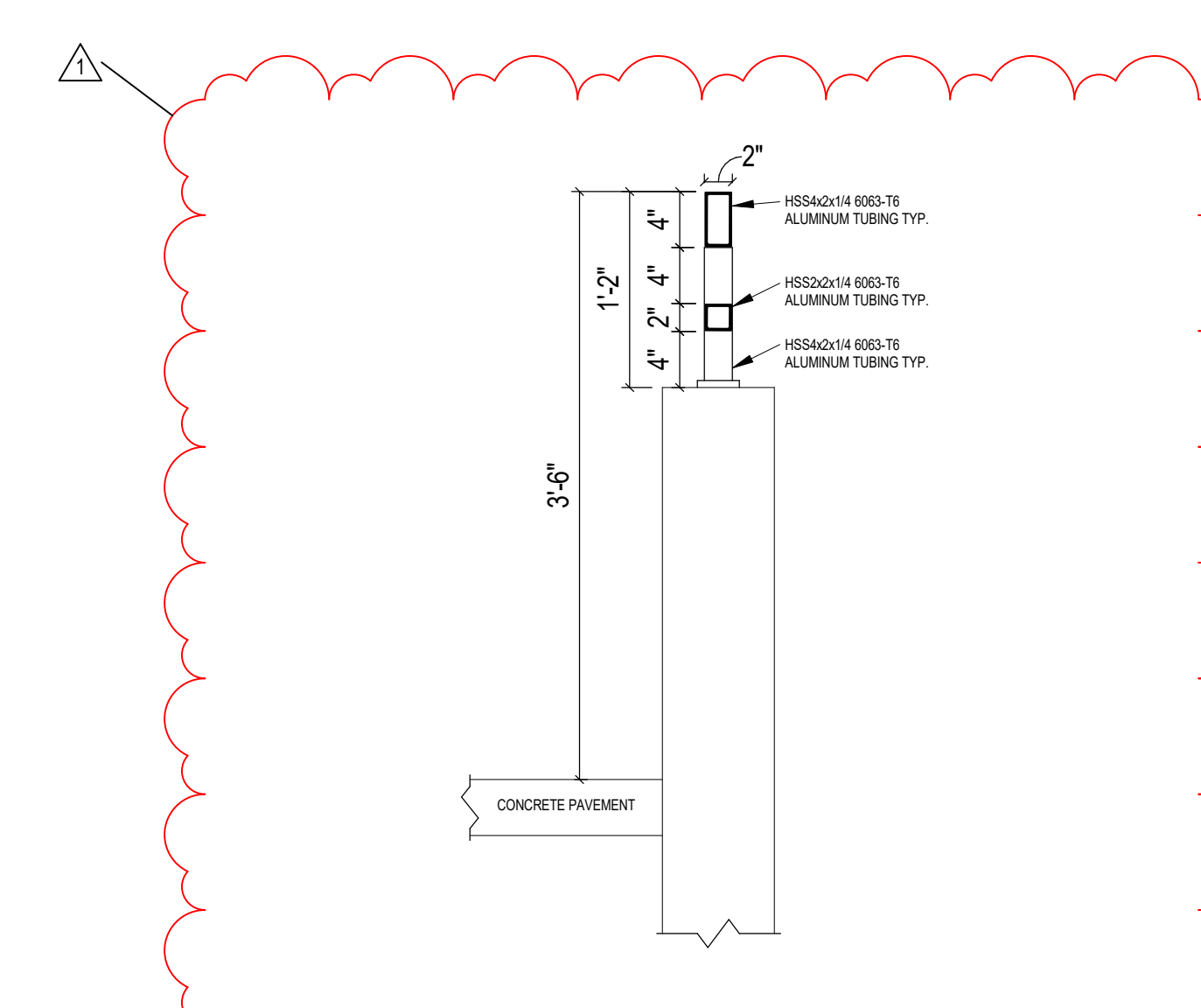
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

VERTICAL CIRCULATION

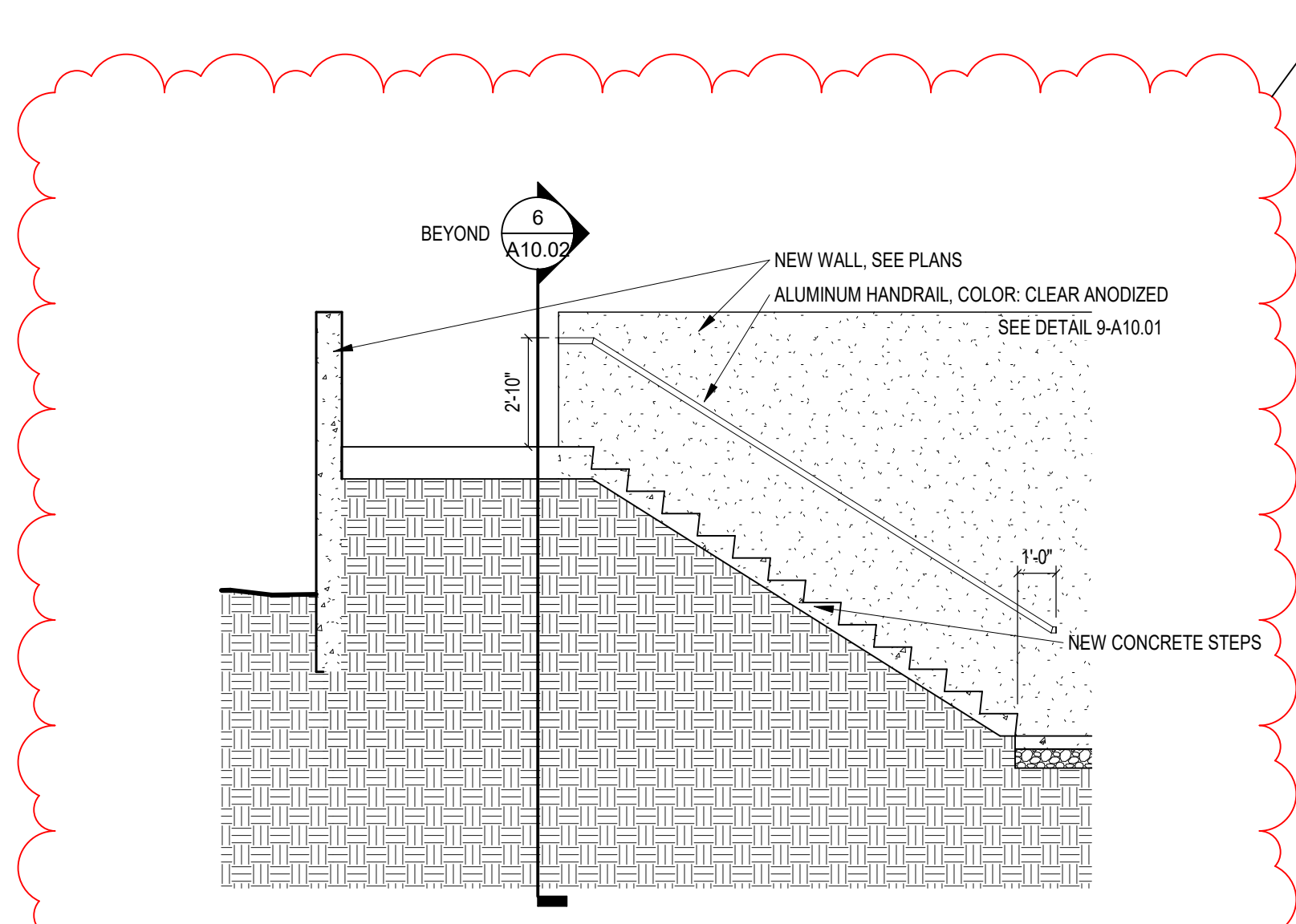
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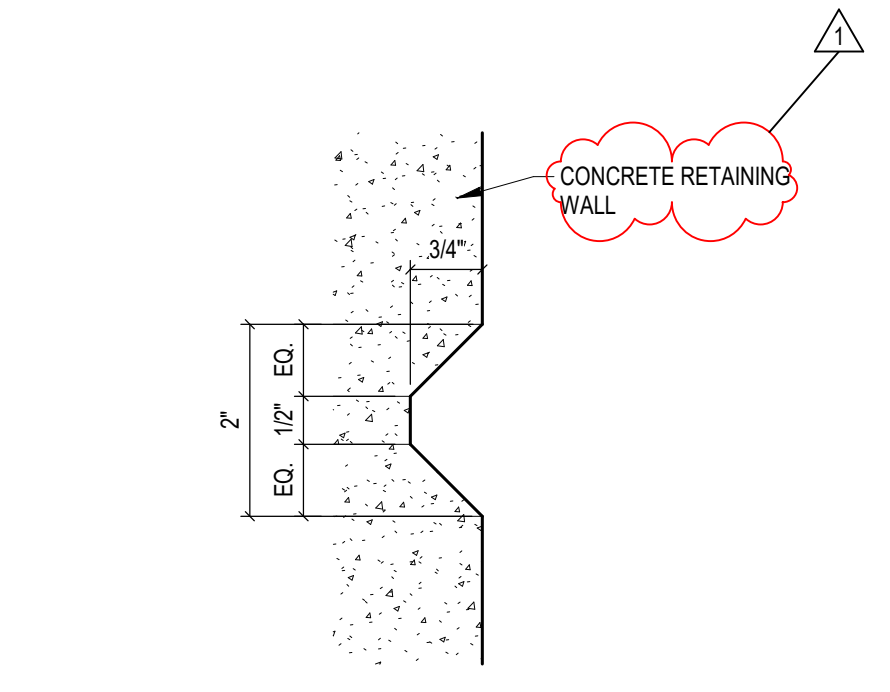
**1 SOUTH RAMP**  
SCALE: 1/4" = 1'-0"  
NORTH RAMP IS OPPOSITE HAND



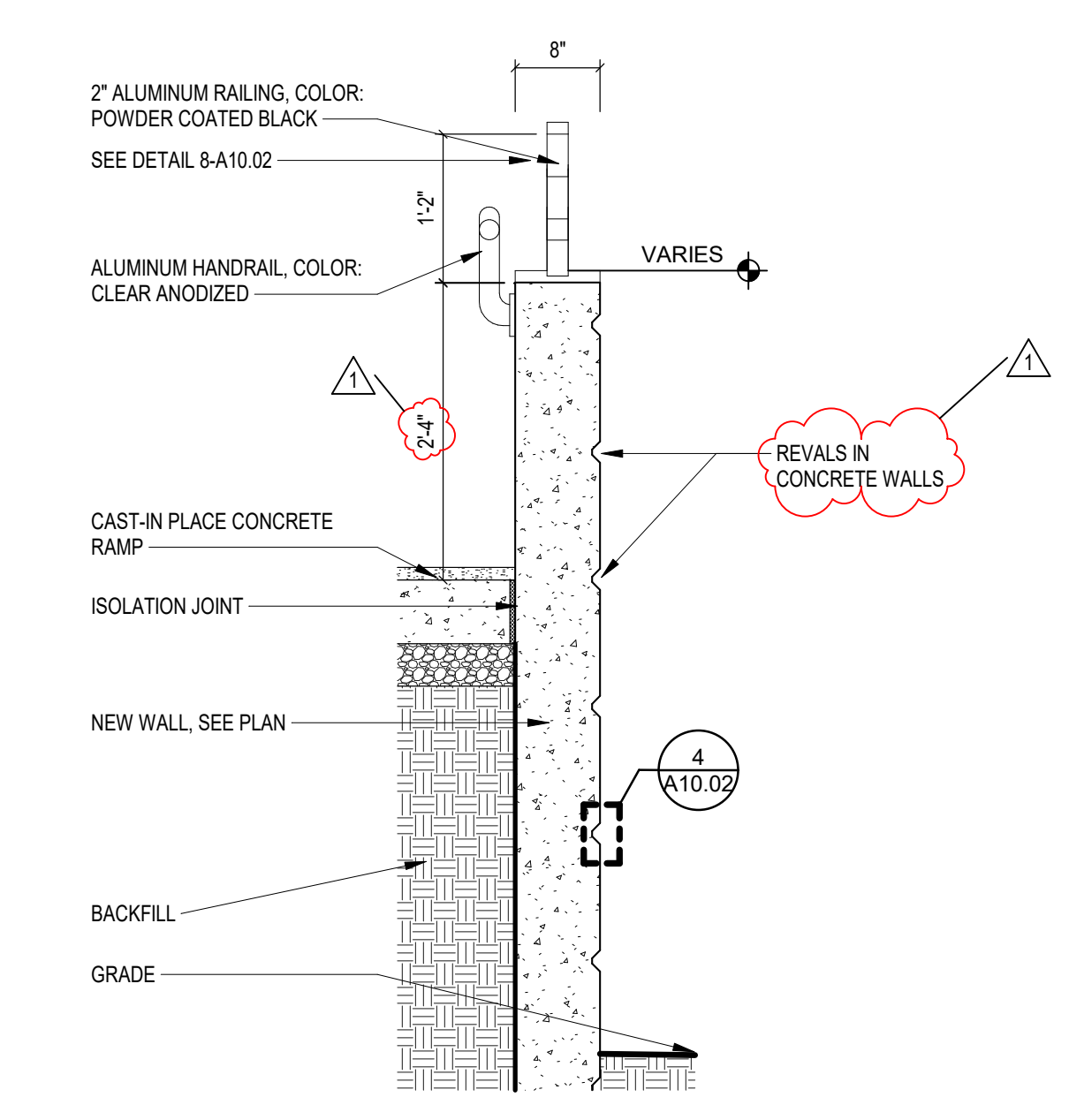
**8 TOP OF WALL GUARDRAIL**  
SCALE: 1" = 1'-0"



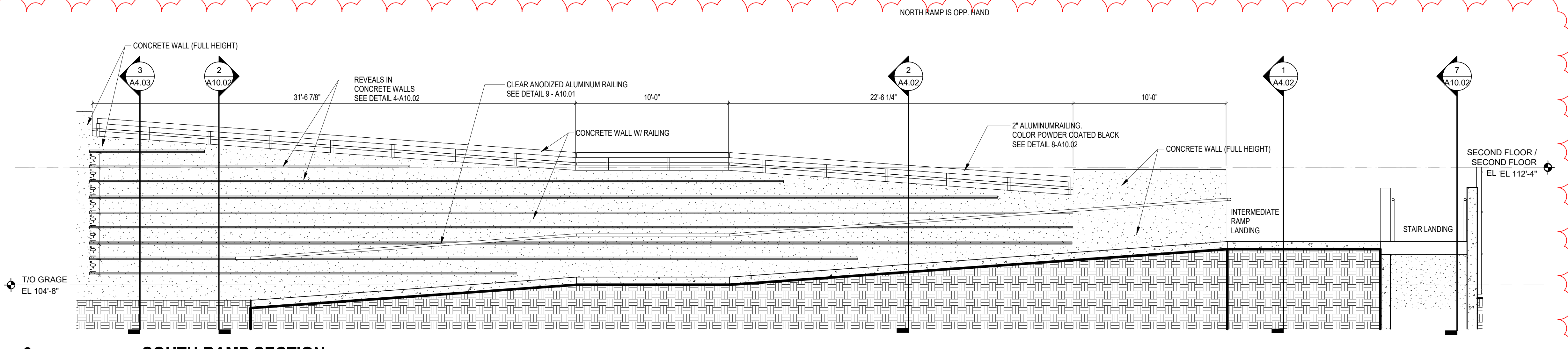
**7 SOUTH STAIR FOR LANDING**  
SCALE: 1/4" = 1'-0"



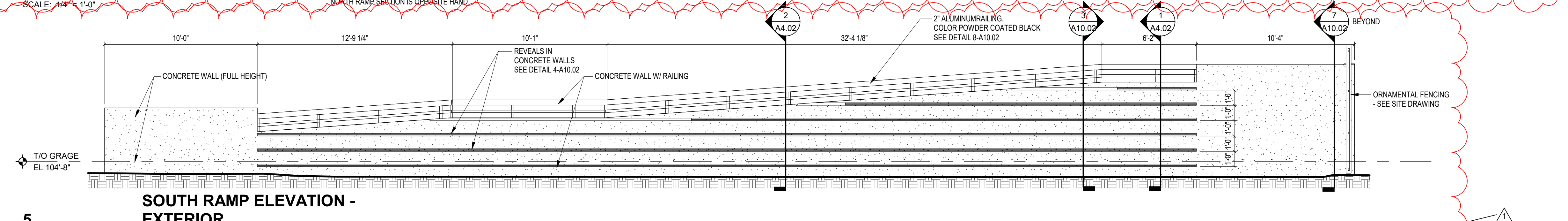
**4 CONCRETE REVEALS**  
SCALE: 6" = 1'-0"



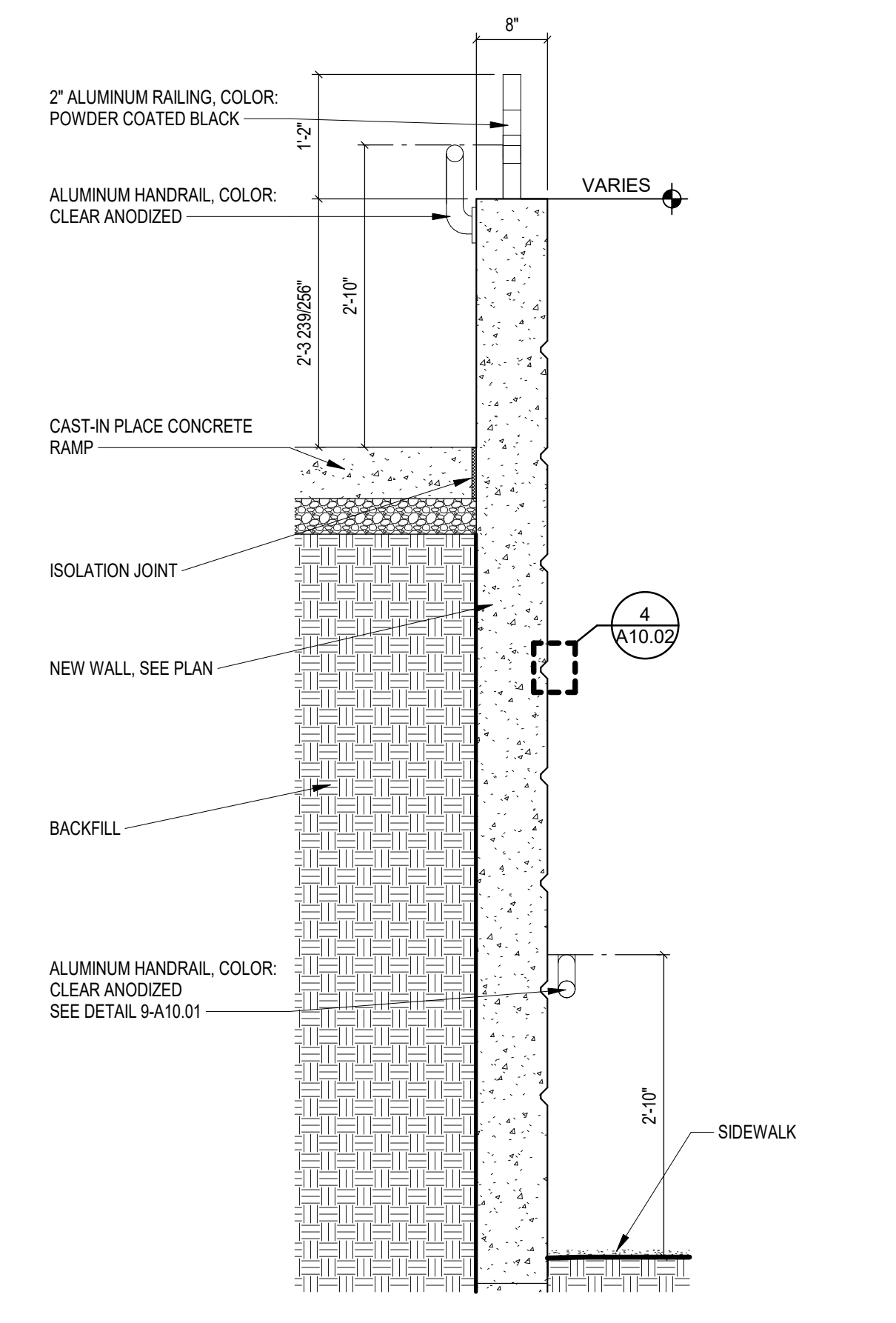
**3 RAMP WALL SECTION AT OUTER WALL**  
SCALE: 3/4" = 1'-0"



**6 SOUTH RAMP SECTION**  
SCALE: 1/4" = 1'-0"  
NORTH RAMP SECTION IS OPPOSITE HAND



**5 SOUTH RAMP ELEVATION - EXTERIOR**  
SCALE: 1/4" = 1'-0"  
NORTH RAMP SECTION IS OPPOSITE HAND



**2 RAMPS WALL SECTION BETWEEN RAMPS**  
SCALE: 3/4" = 1'-0"

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**222154.00  
CARMEL HIGH SCHOOL STADIUM  
GRANDSTAND RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

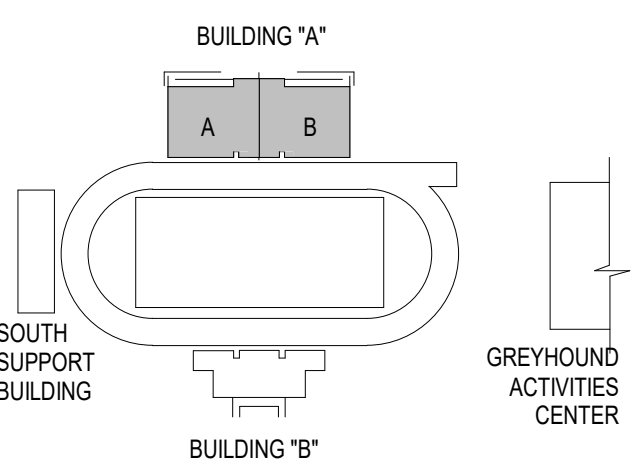
5201 E Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

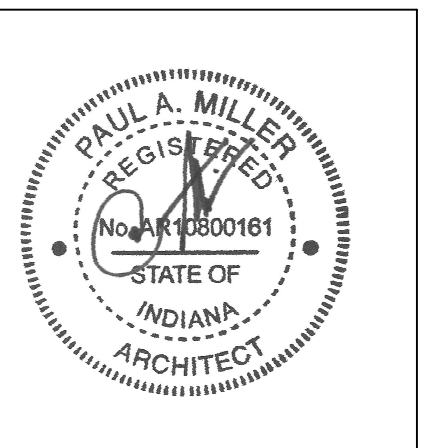


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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

**100% CONSTRUCTION DOCUMENTS**



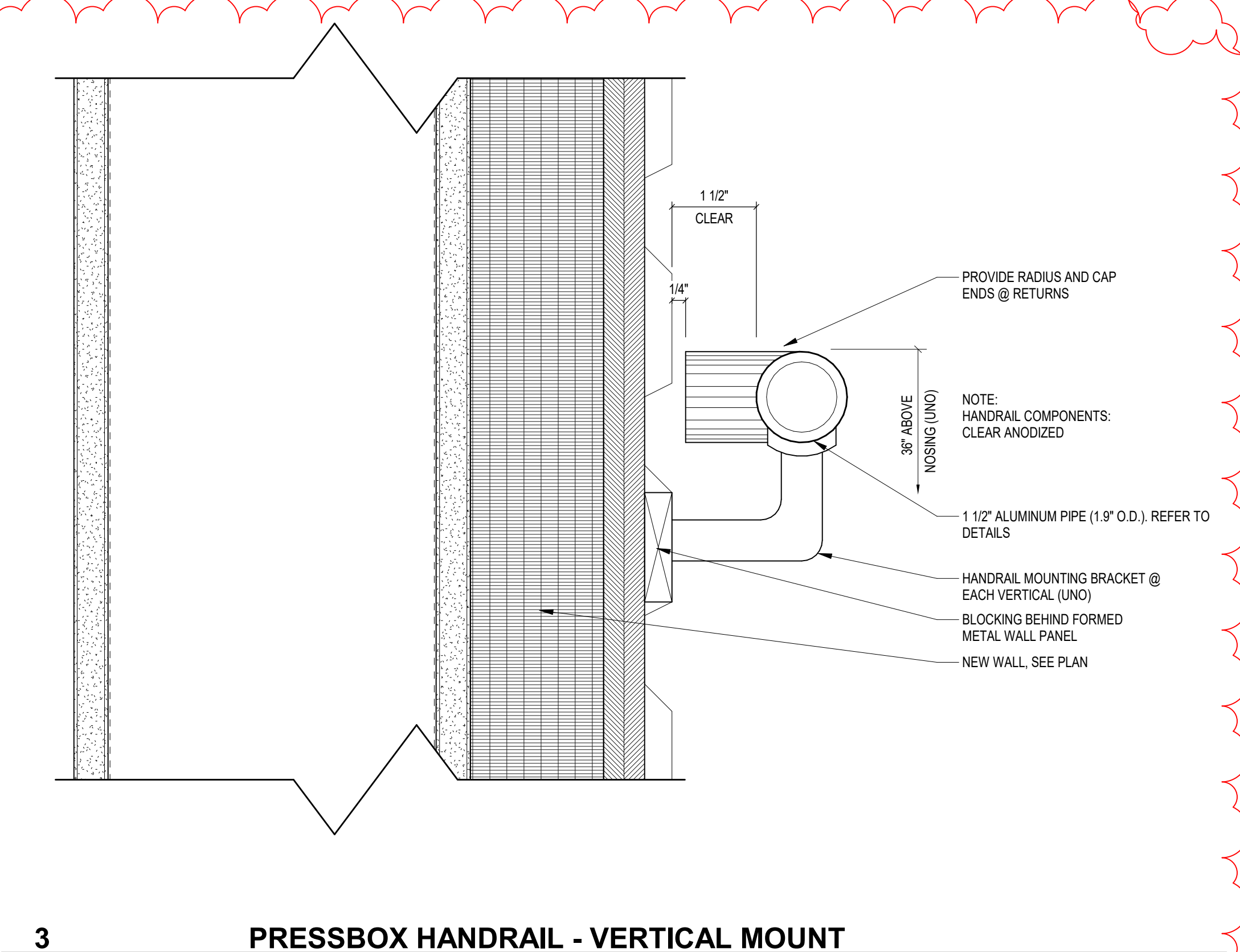
PROJECT MANAGER: MKS  
DRAWN BY: AH  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

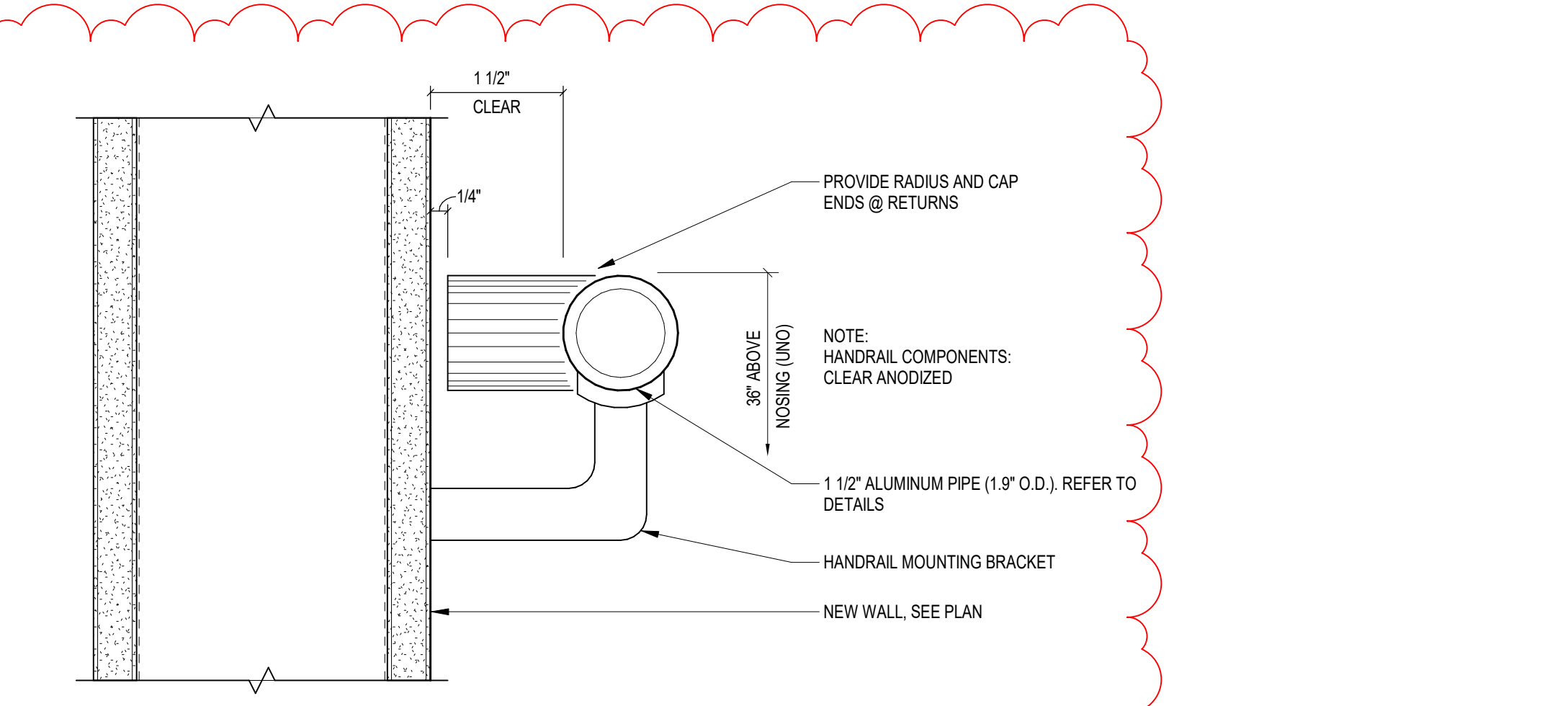
**VERTICAL CIRCULATION**

**A10.03**

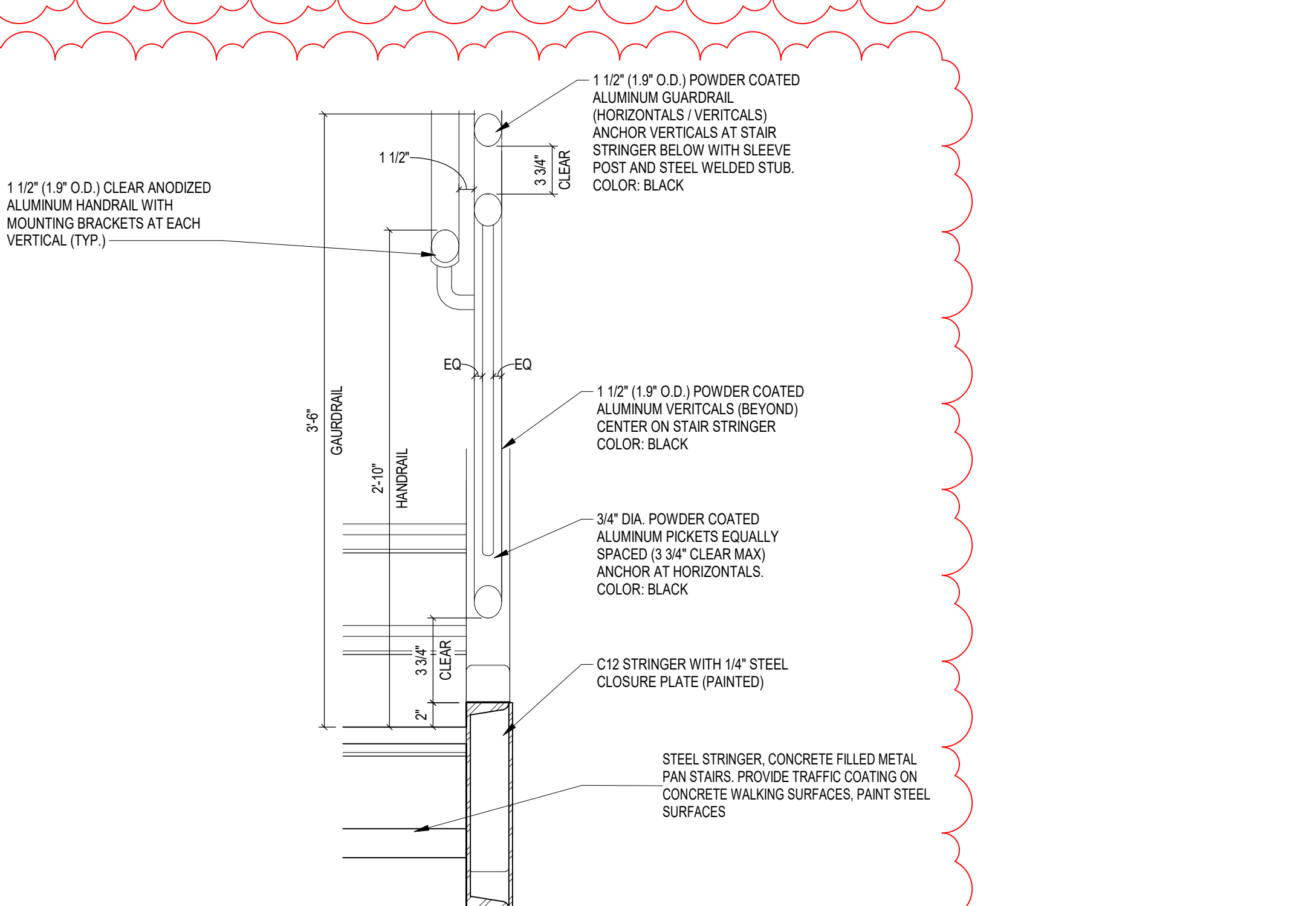
**VERIFICATION NOTE**  
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



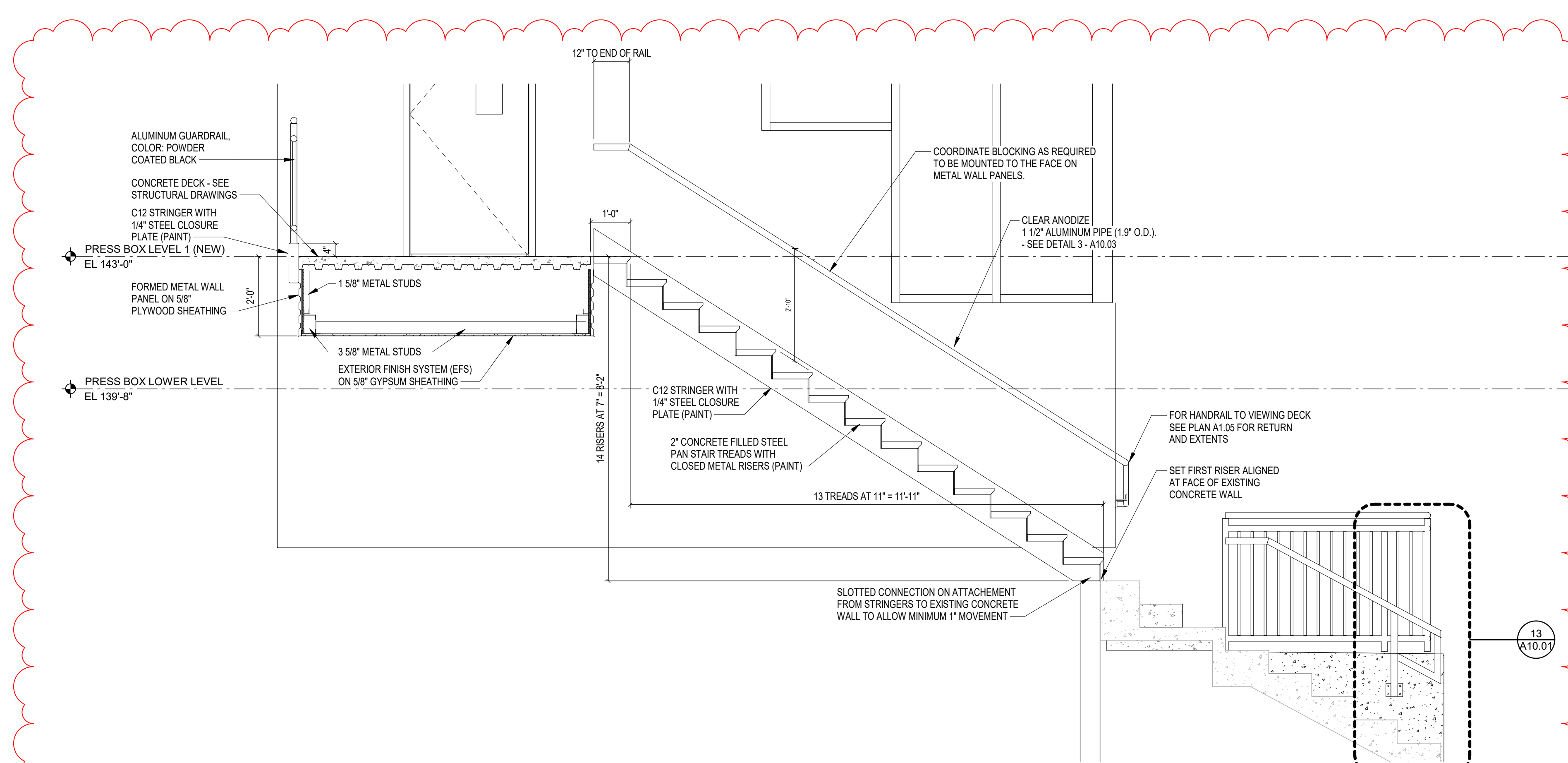
**3 PRESSBOX HANDRAIL - VERTICAL MOUNT**  
N.T.S.



**4 INTERIOR HANDRAIL - VERTICAL MOUNT**  
N.T.S.



**5 PRESSBOX STAIR HANDRAIL SECTION**  
SCALE: 1 1/2" = 1'-0"



**1 PRESSBOX EXTERIOR STAIR SECTION TO VIEWING DECK**  
SCALE: 1/2" = 1'-0"



**2 PRESSBOX EXTERIOR STAIR ELEVATION TO VIEWING DECK**  
SCALE: 1/2" = 1'-0"

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**222154.00  
CARMEL HIGH  
SCHOOL STADIUM  
GRANDSTAND  
RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

5201 E. Main Street, Carmel, IN 46033  
317-844-9961

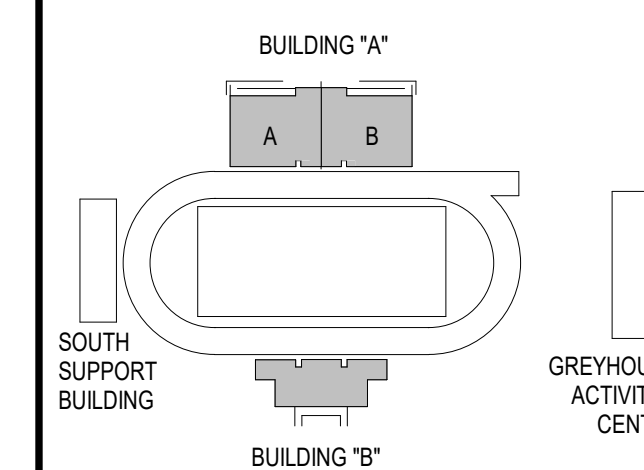


ARCHITECT



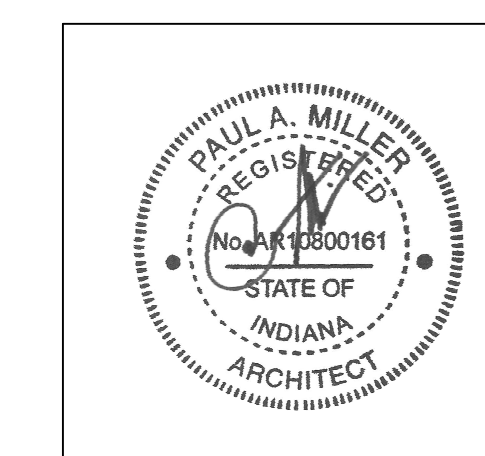
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350 E. NEW YORK ST., SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

**100% CONSTRUCTION DOCUMENTS**



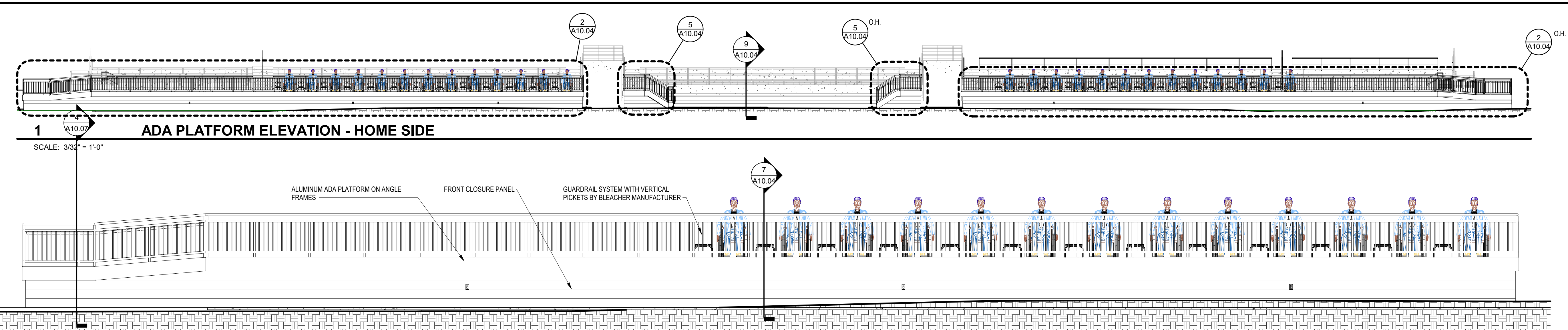
PROJECT MANAGER: MKS  
DRAWN BY: ALH  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.28.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

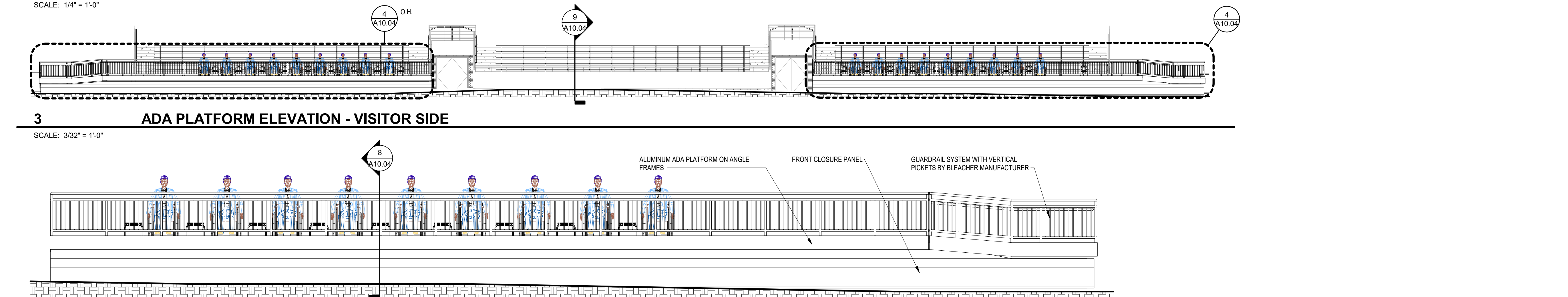
**VERTICAL CIRCULATION**

**A10.04**

**VERIFICATION NOTE**  
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



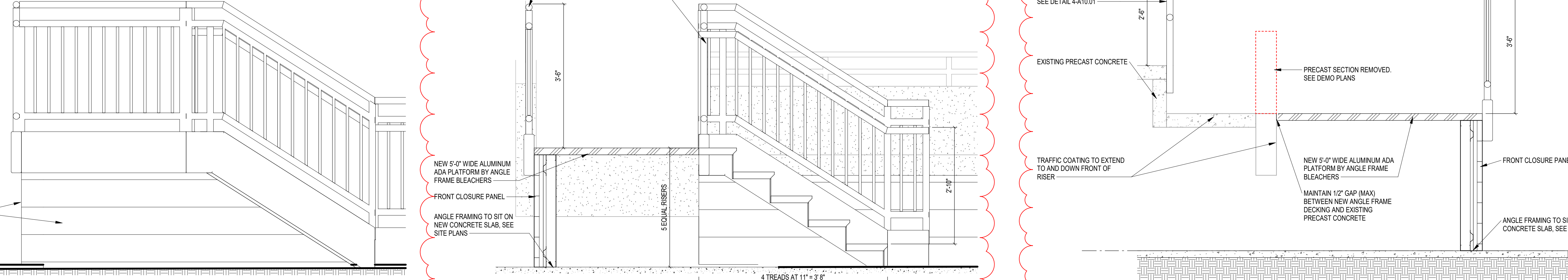
**1 ADA PLATFORM ELEVATION - HOME SIDE**  
SCALE: 3/32" = 1'-0"



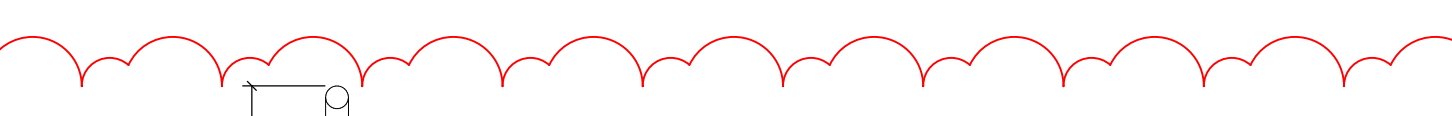
**2 ENLARGED ADA PLATFORM ELEVATION - HOME SIDE**  
SCALE: 1/4" = 1'-0"



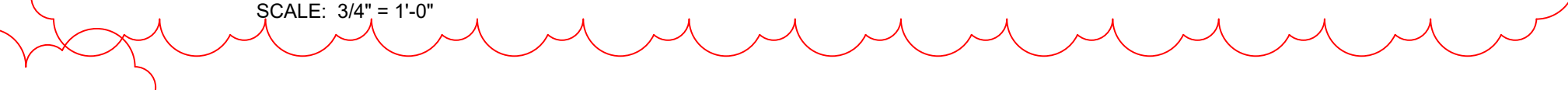
**3 ADA PLATFORM ELEVATION - VISITOR SIDE**  
SCALE: 3/32" = 1'-0"



**4 ENLARGED ADA PLATFORM ELEVATION - VISITOR SIDE**  
SCALE: 1/4" = 1'-0"



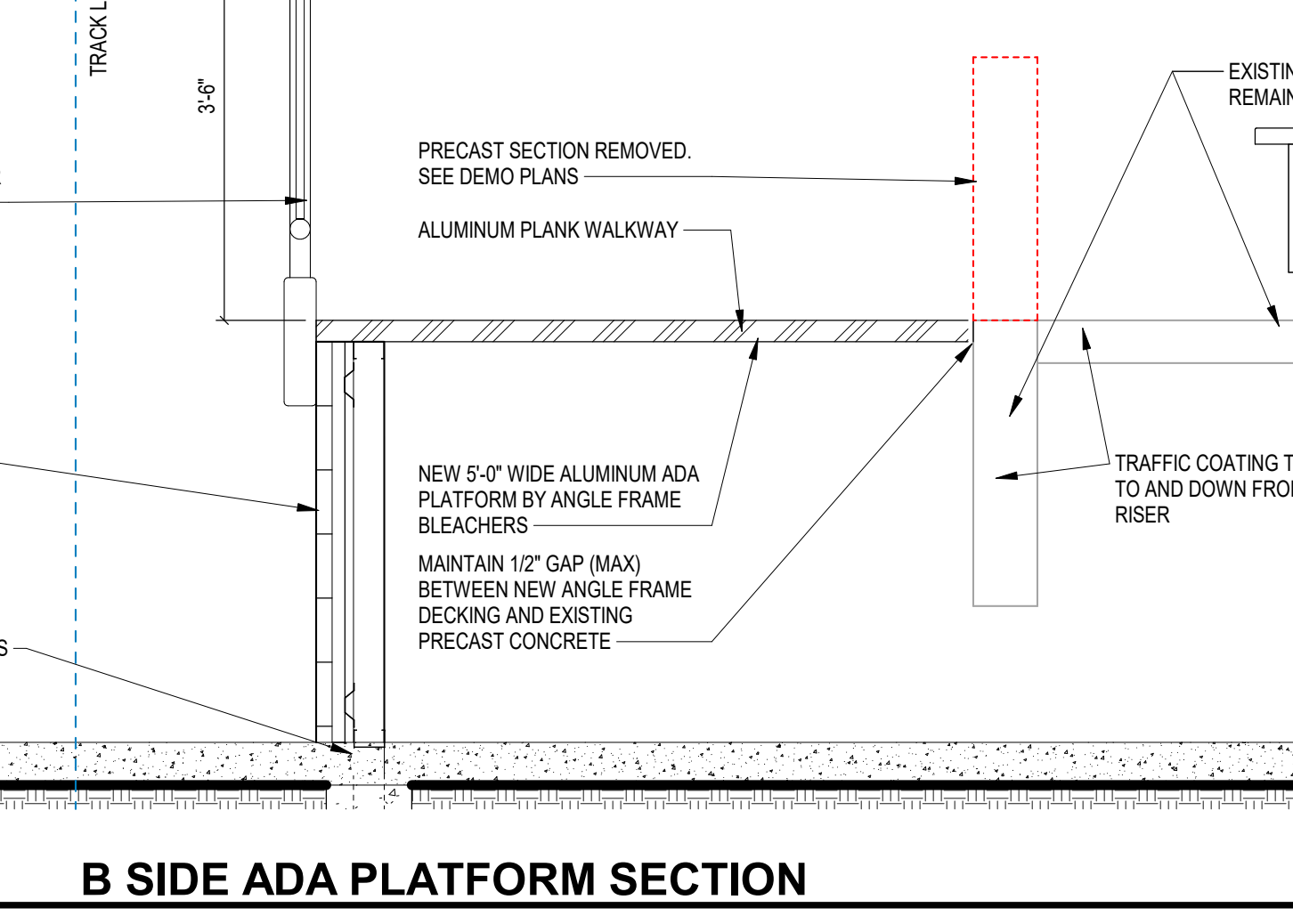
**5 A SIDE STAIR ELEVATION**  
SCALE: 3/4" = 1'-0"



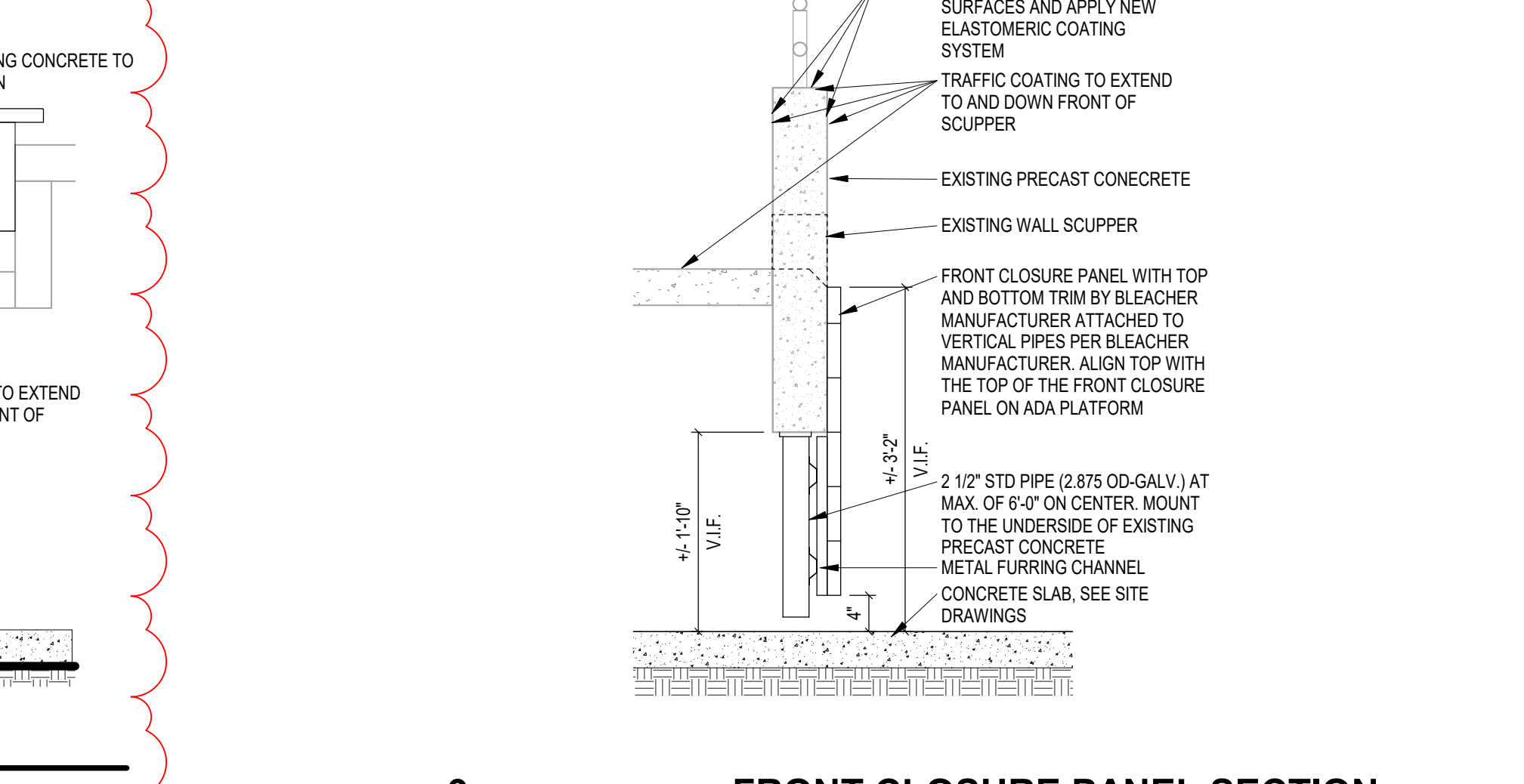
**6 A SIDE STAIR SECTION**  
SCALE: 3/4" = 1'-0"



**7 A SIDE ADA PLATFORM SECTION**  
SCALE: 3/4" = 1'-0"



**8 B SIDE ADA PLATFORM SECTION**  
SCALE: 3/4" = 1'-0"



**9 FRONT CLOSURE PANEL SECTION**  
SCALE: 3/4" = 1'-0"

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NOTE:  
FOR ALL CONCRETE WALLS, RAMPS, AND STAIRS, REFER TO SITE DRAWINGS.

**222154.00**  
**CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

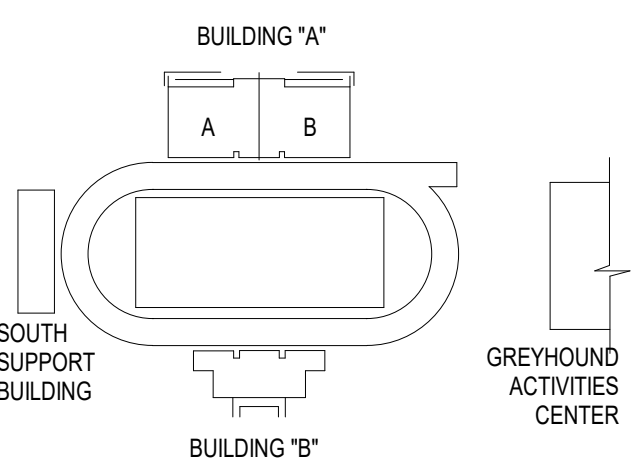
5201 E Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

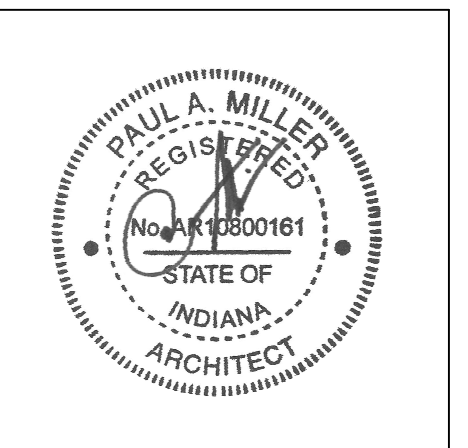


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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

**100% CONSTRUCTION DOCUMENTS**



PROJECT MANAGER: MKS  
DRAWN BY: ALH  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

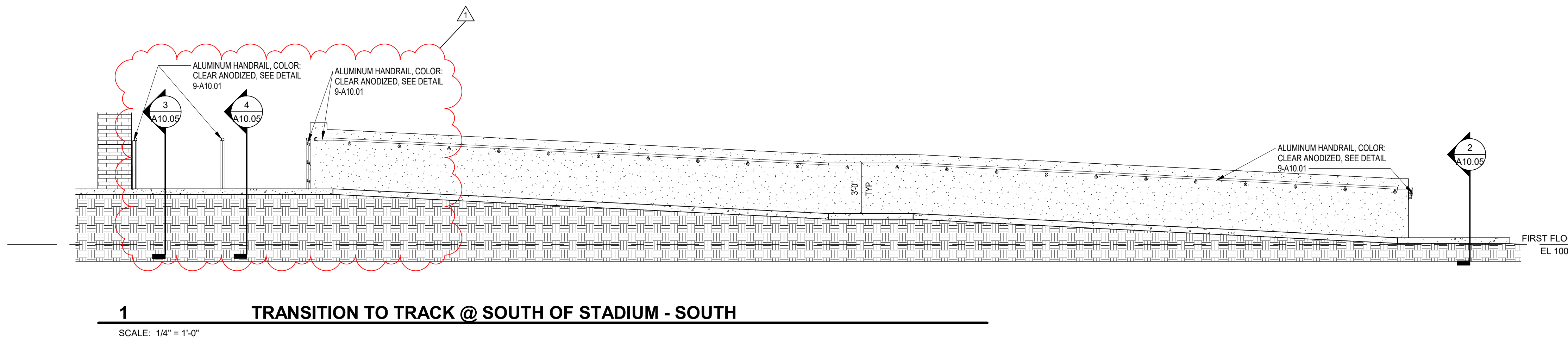
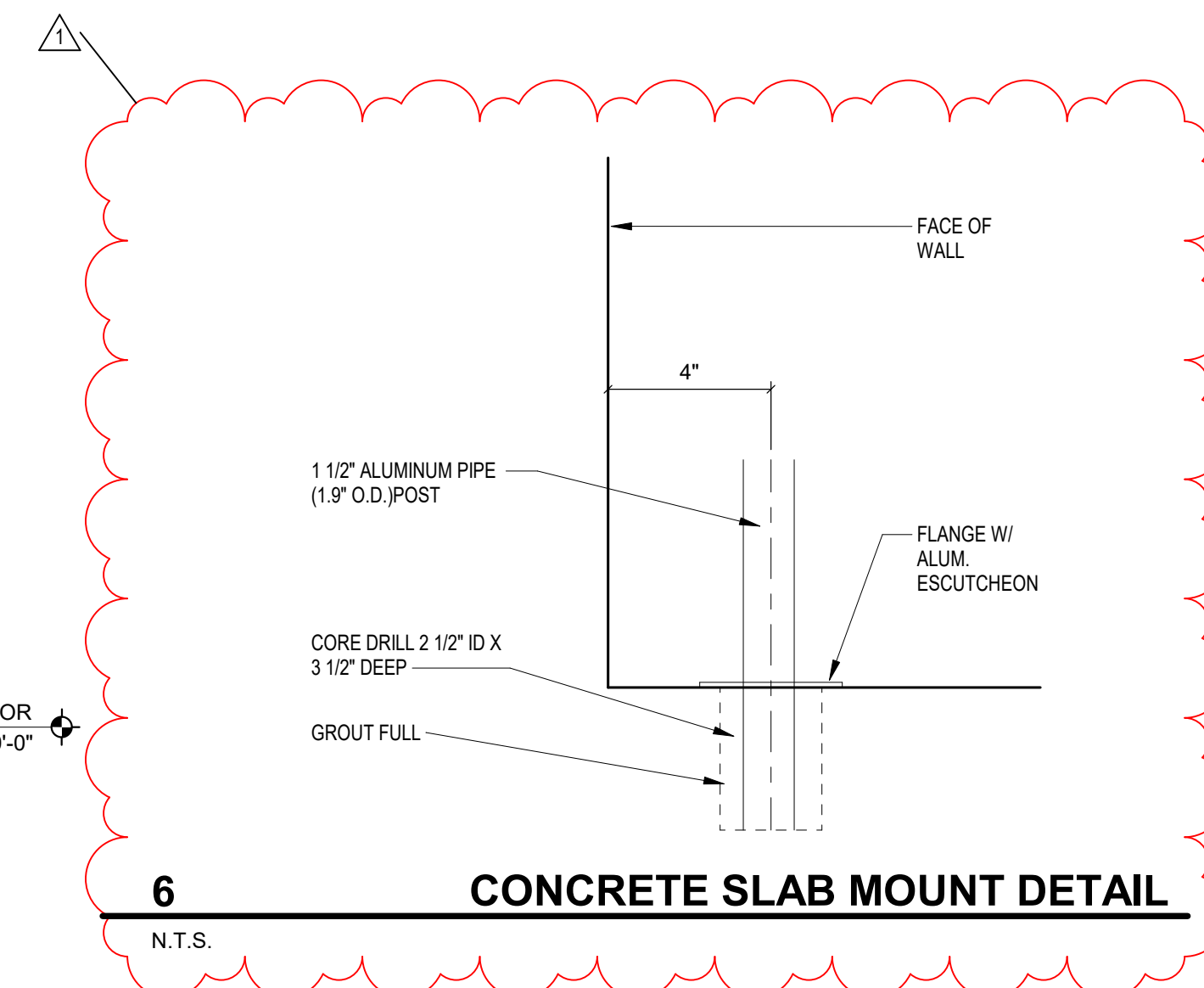
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

**VERTICAL CIRCULATION**

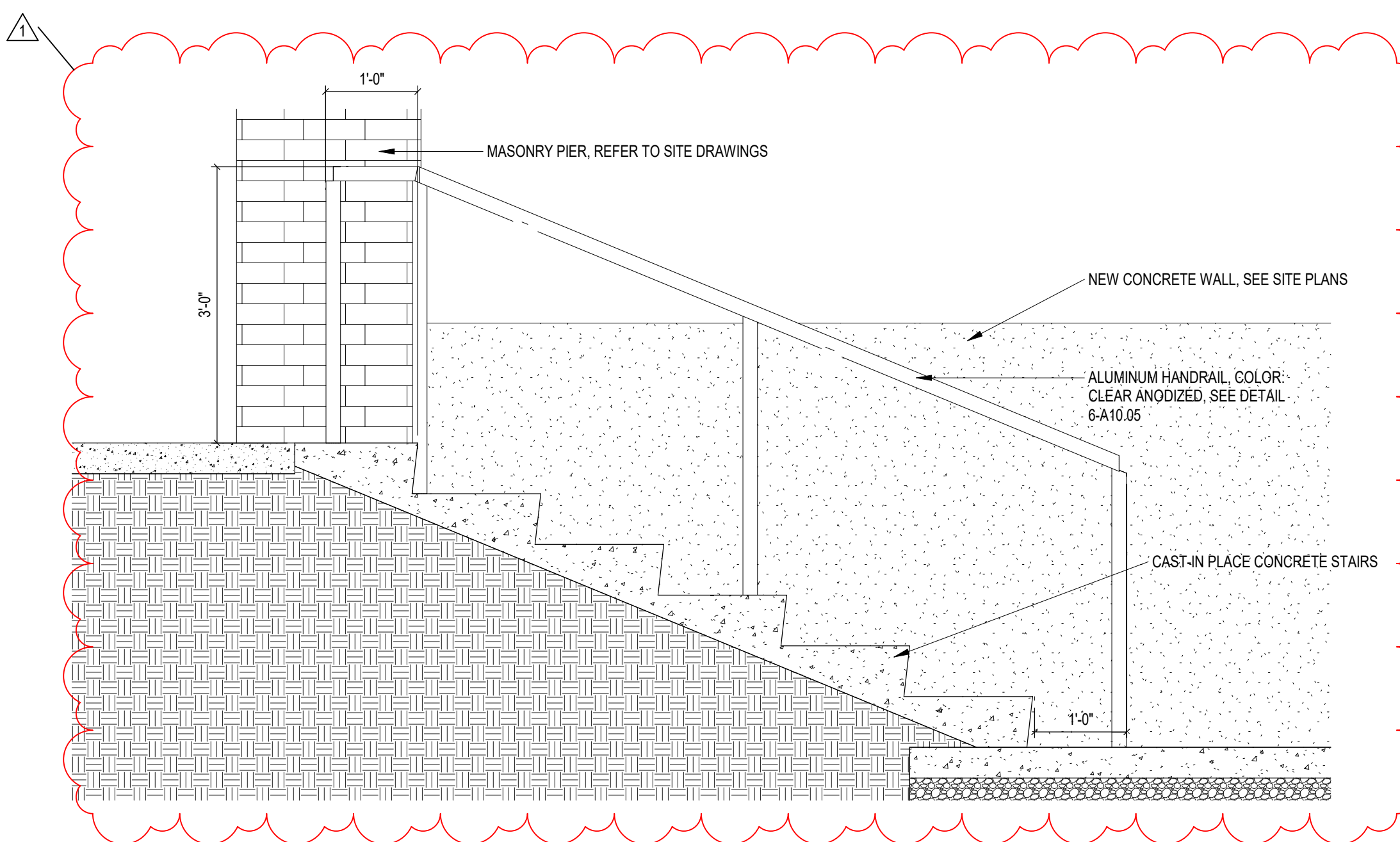
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**VERIFICATION NOTE**

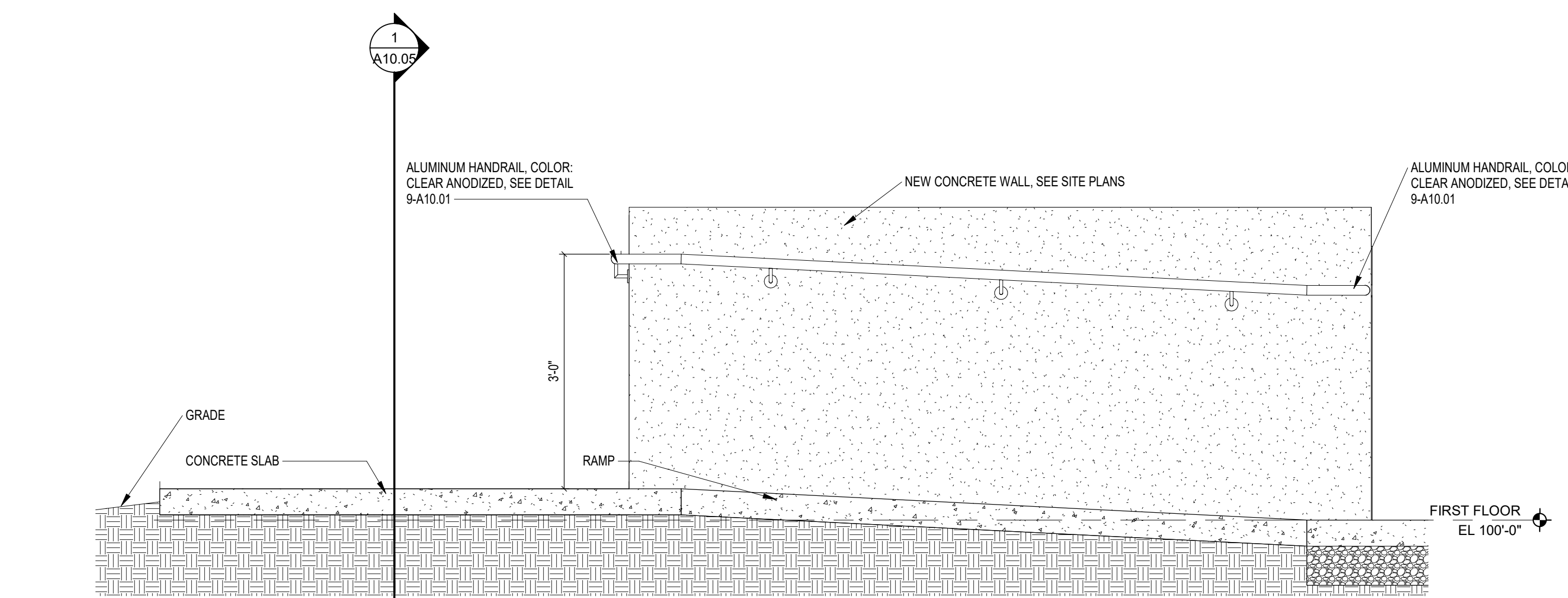
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



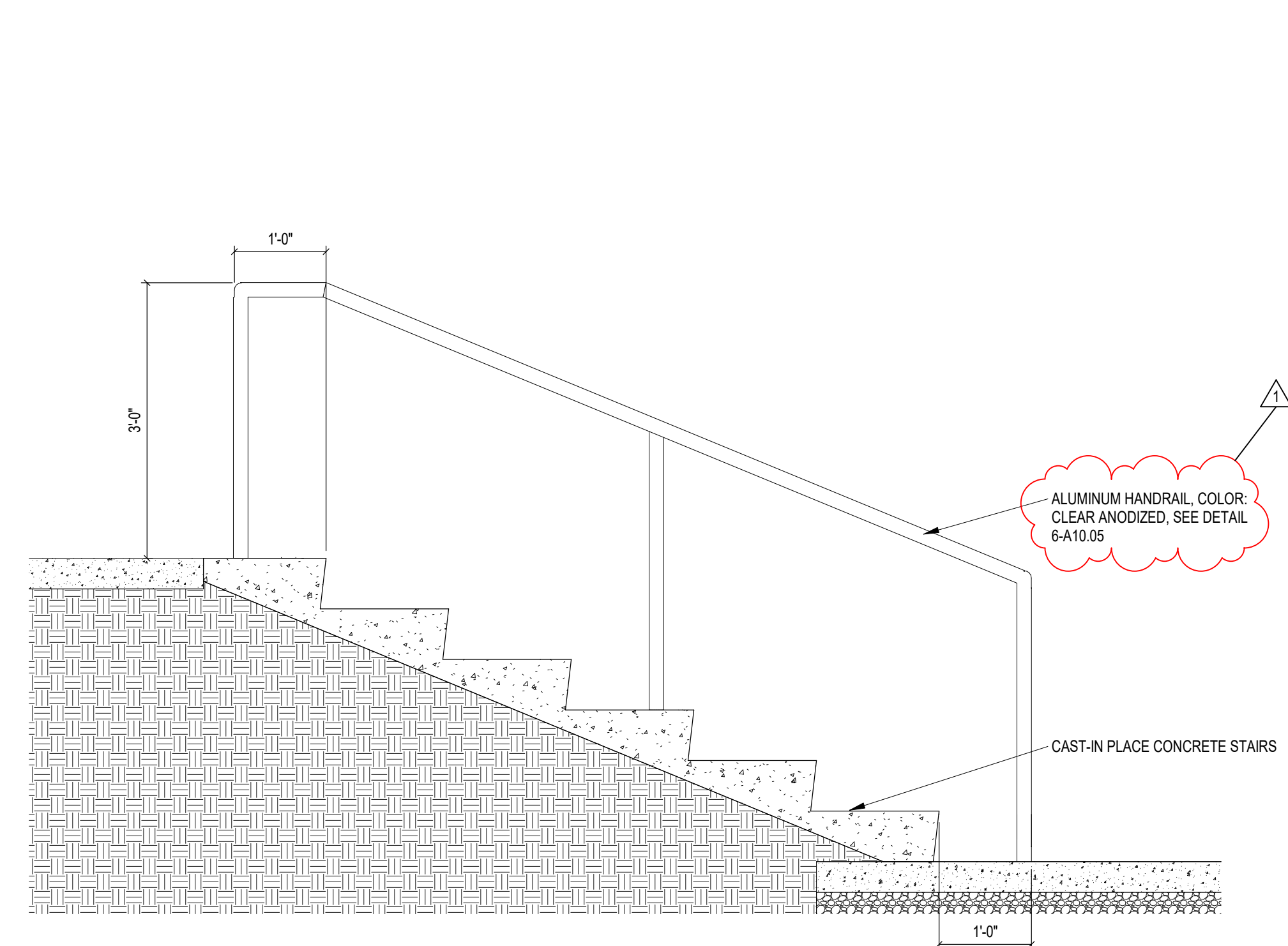
**1 TRANSITION TO TRACK @ SOUTH OF STADIUM - SOUTH**  
SCALE: 1/4" = 1'-0"



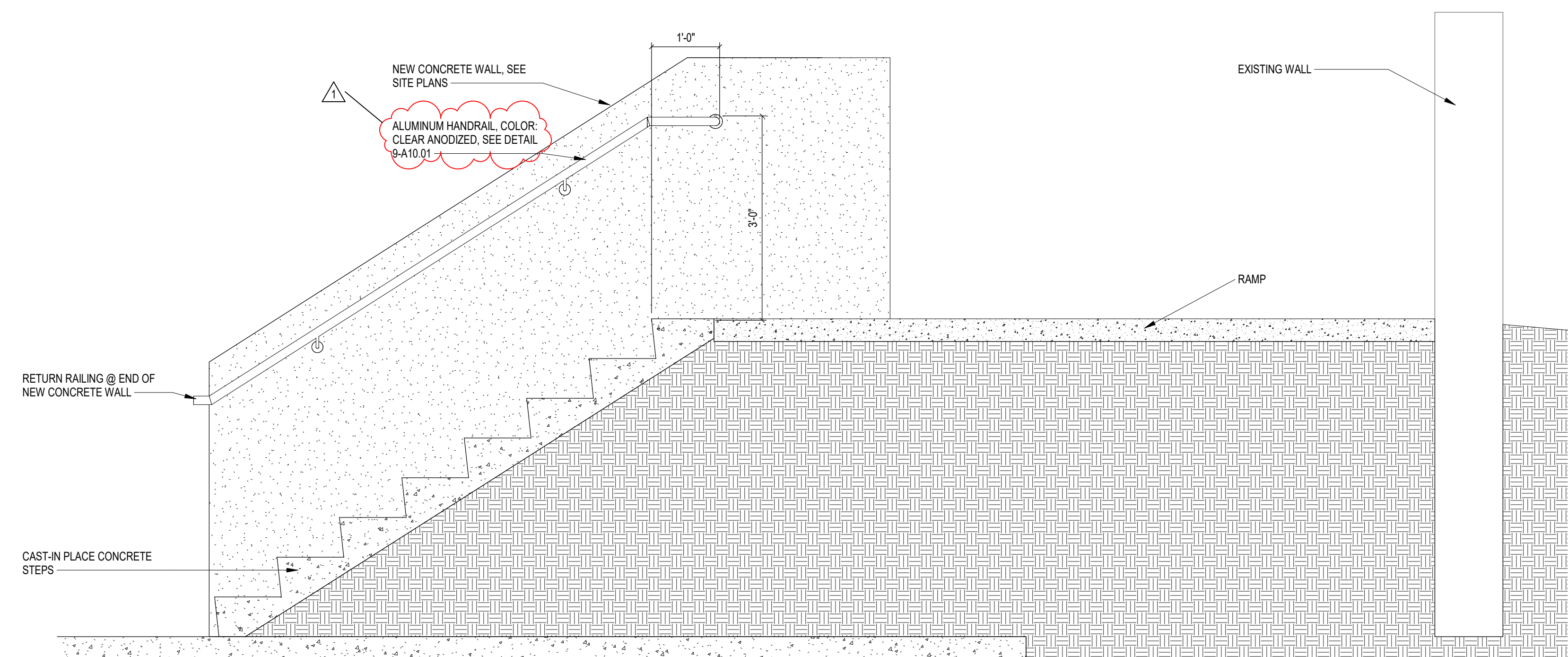
**3 STAIR SECTION @ SOUTH END OF STADIUM**  
SCALE: 3/4" = 1'-0"  
NOTE: OPPOSITE SIDE NEW RAILING IS OPPOSITE HAND.



**2 TRANSITION TO TRACK @ SOUTH OF STADIUM - EAST**  
SCALE: 3/4" = 1'-0"



**4 STAIR SECTION @ SOUTH END OF STADIUM - CENTER RAILING**  
SCALE: 3/4" = 1'-0"



**5 STAIR SECTION @ NORTH END OF STADIUM**  
SCALE: 3/4" = 1'-0"  
NOTE: OPPOSITE SIDE NEW RAILING IS OPPOSITE HAND.

**222154.00  
CARMEL HIGH SCHOOL STADIUM  
GRANDSTAND  
RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

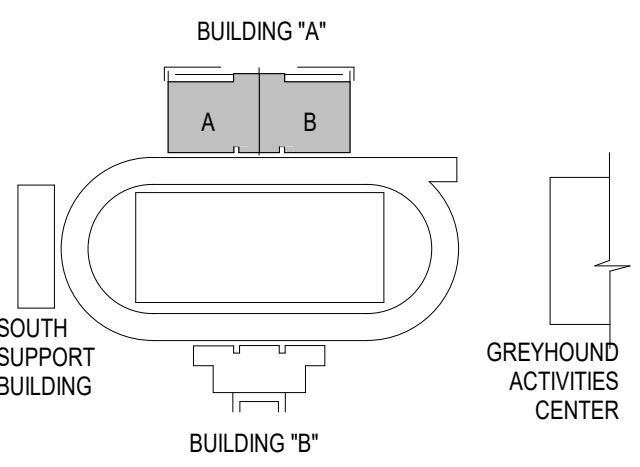
5201 E. Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

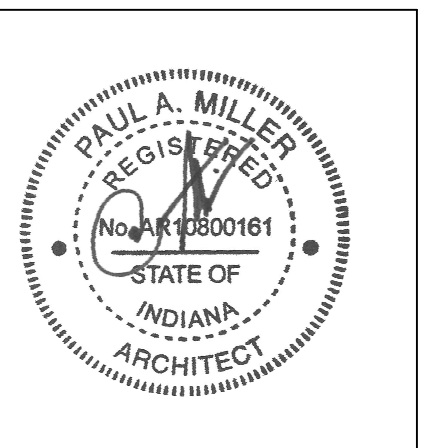
**FANNING  
HOWEY**

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350 E. NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

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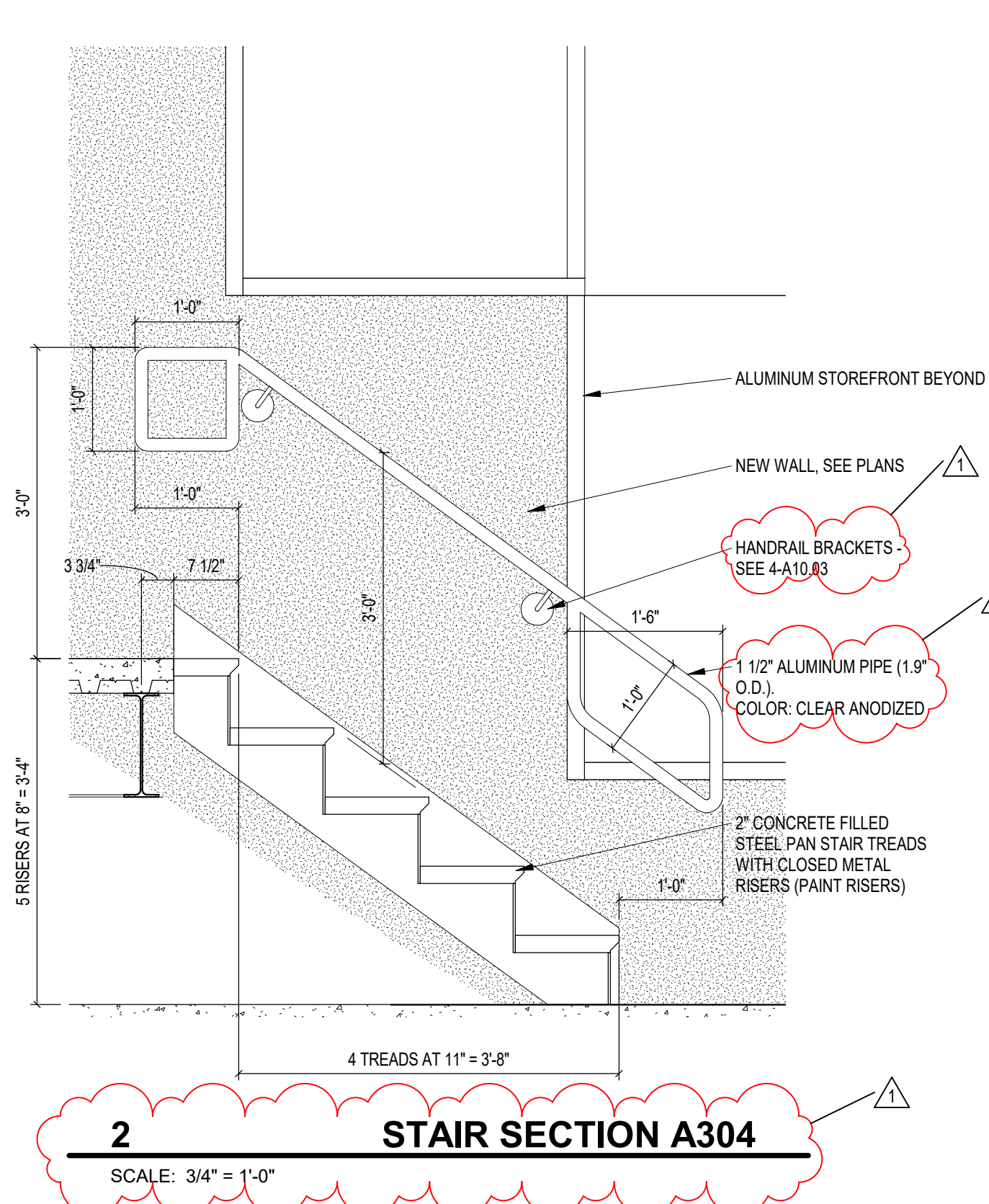
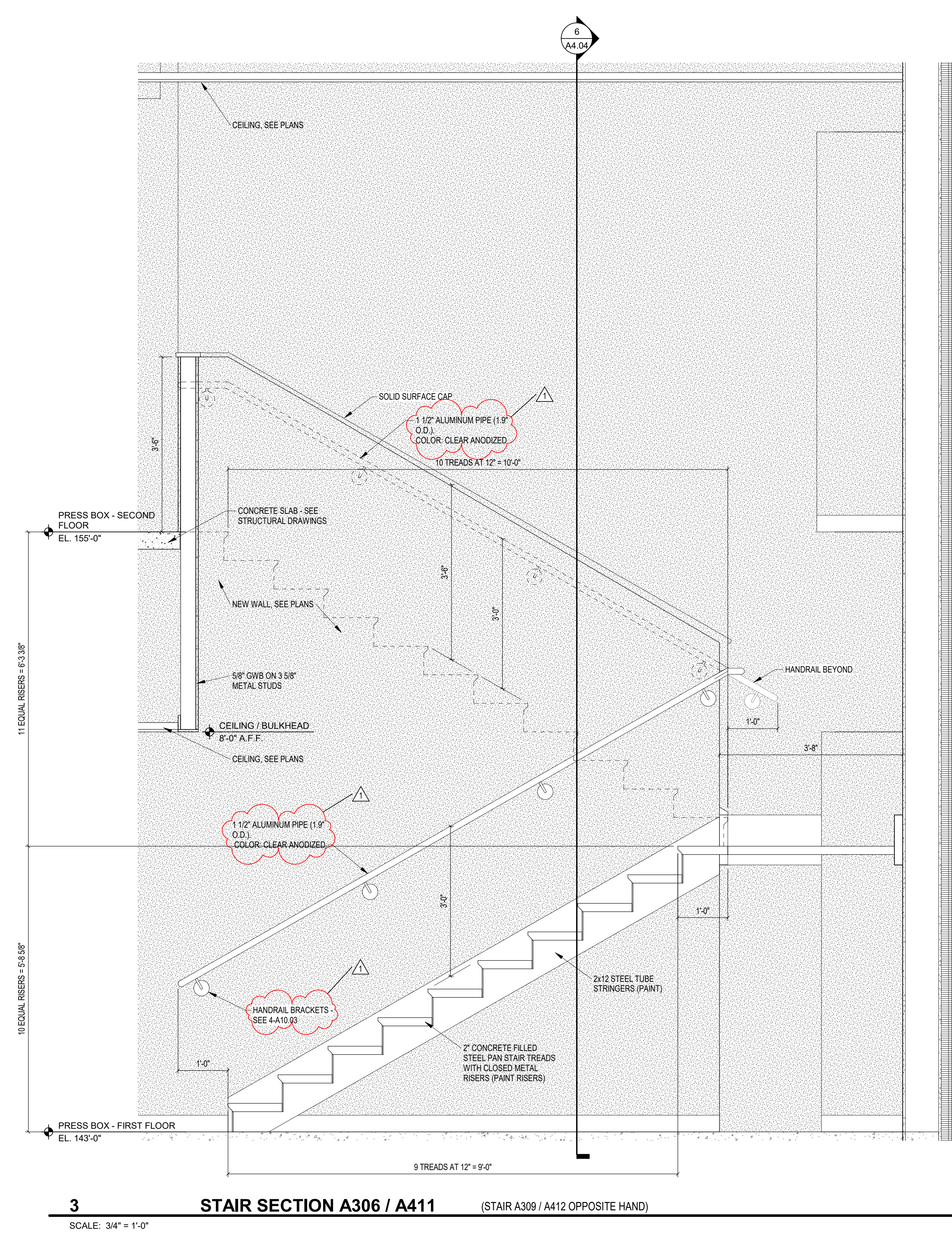
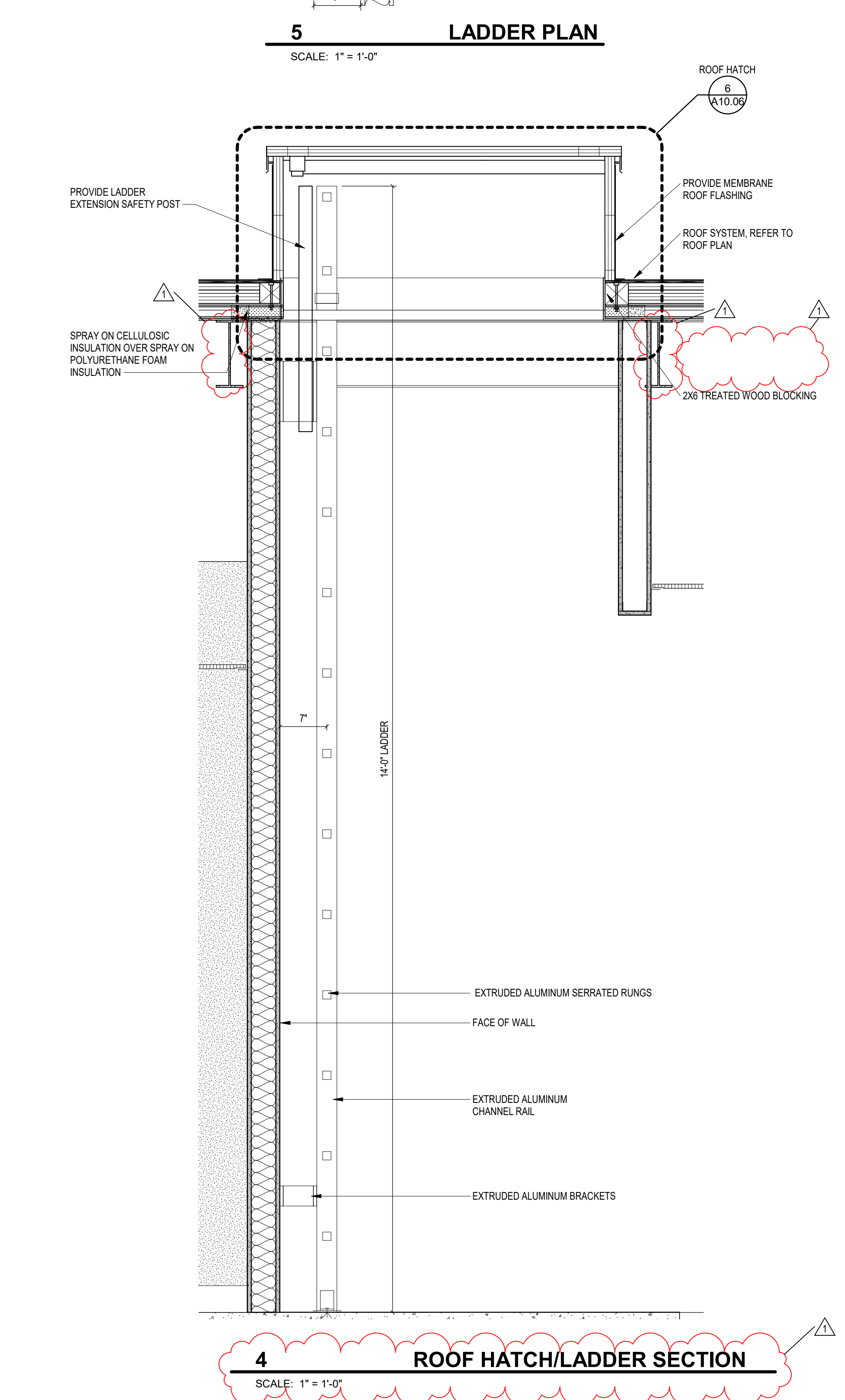
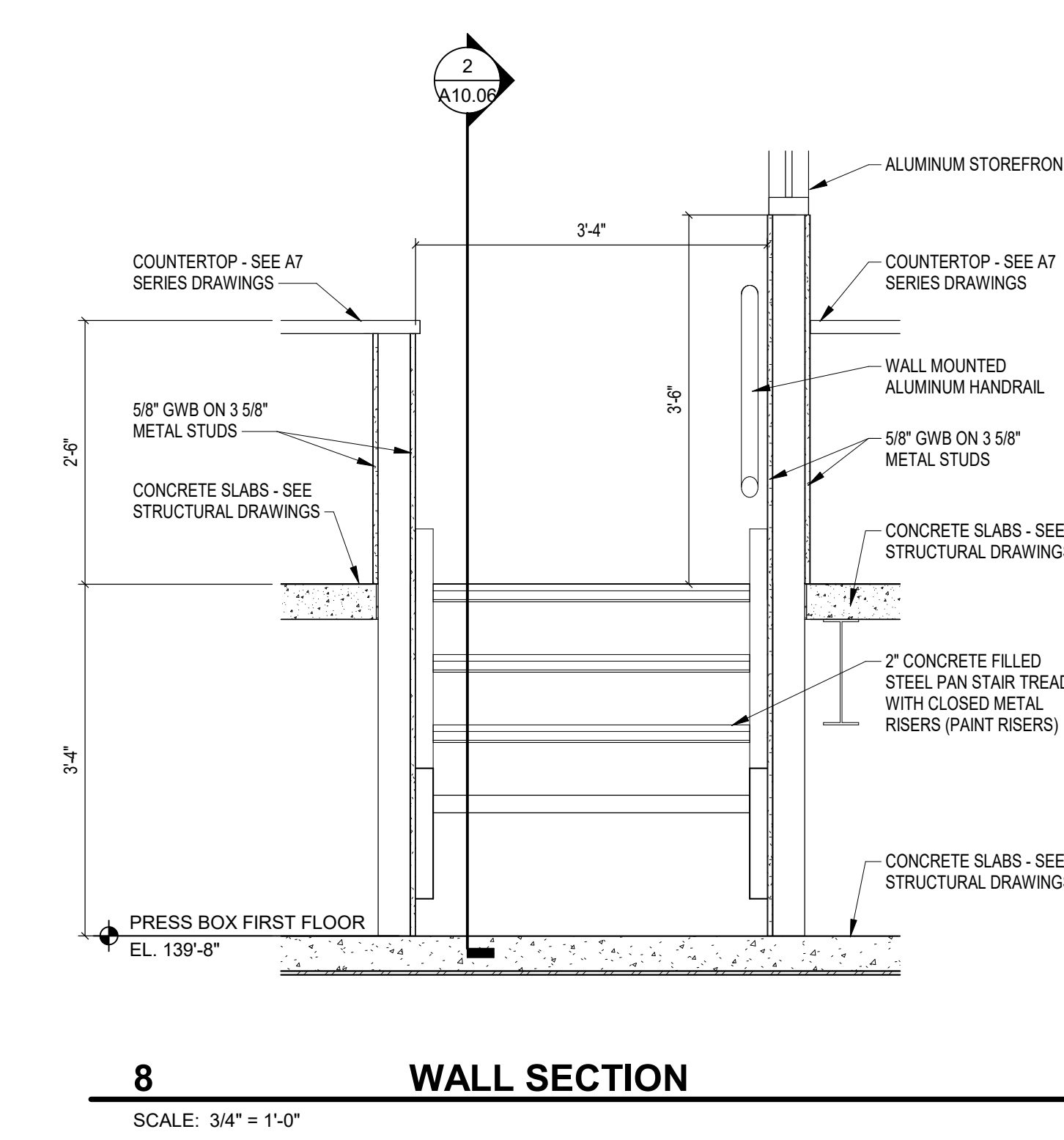
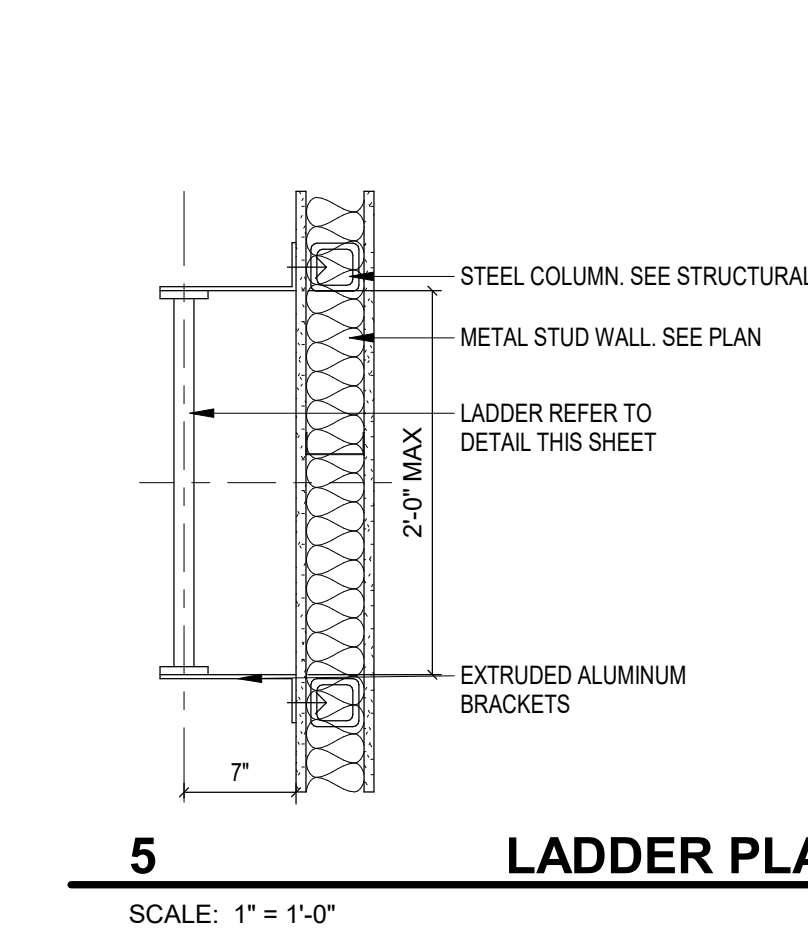
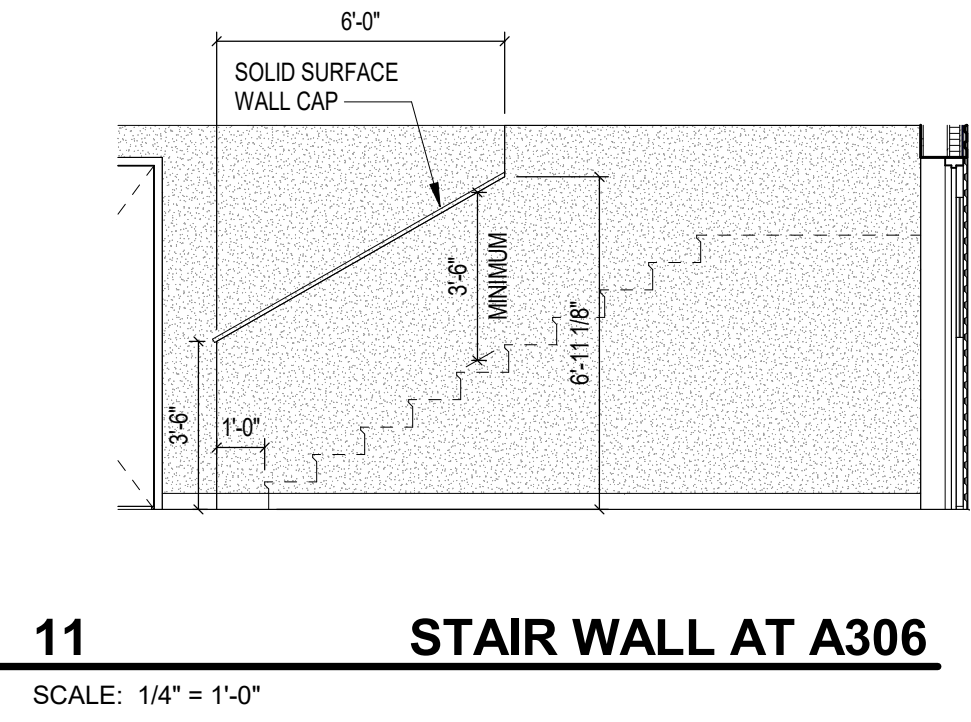
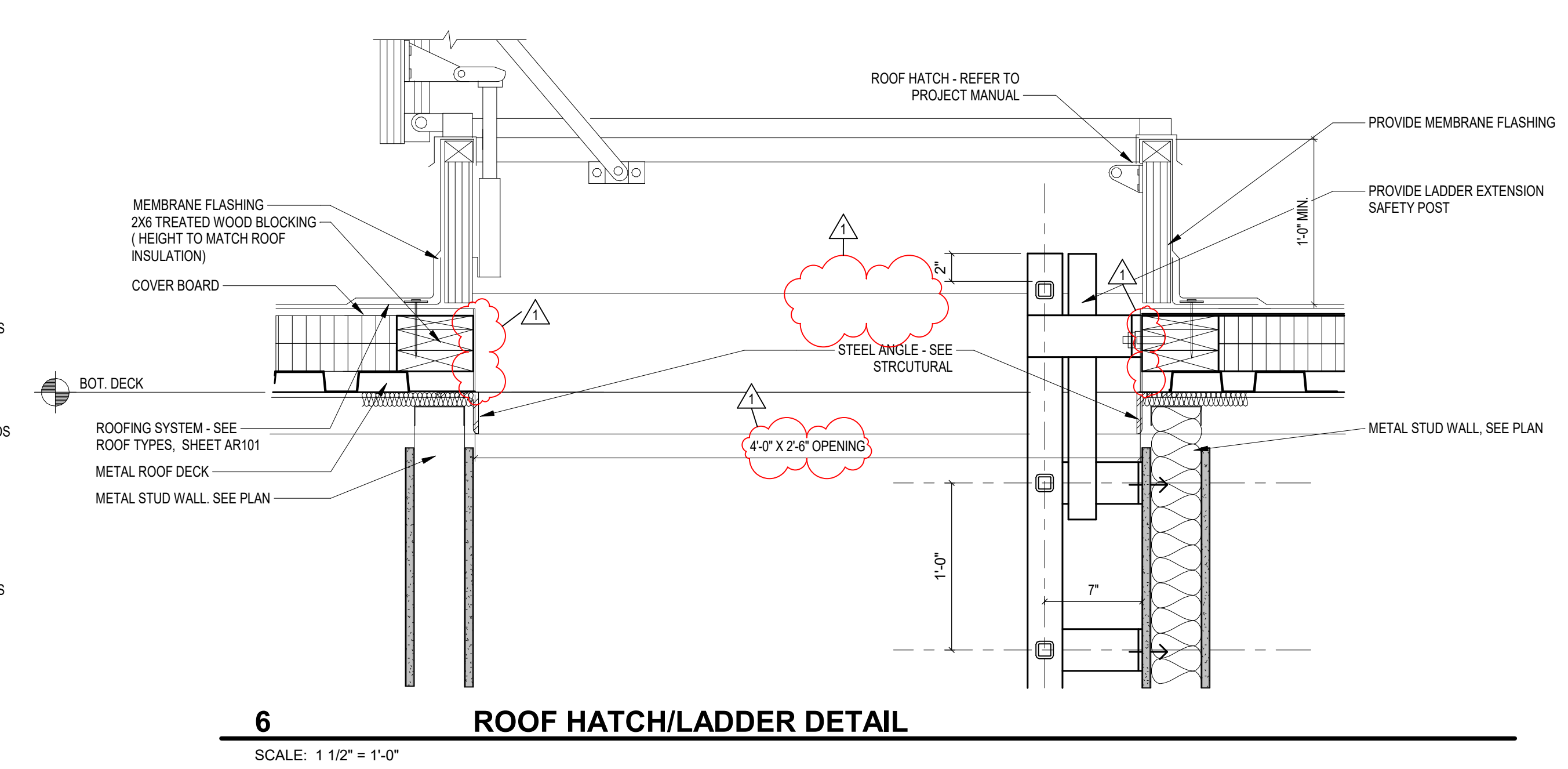
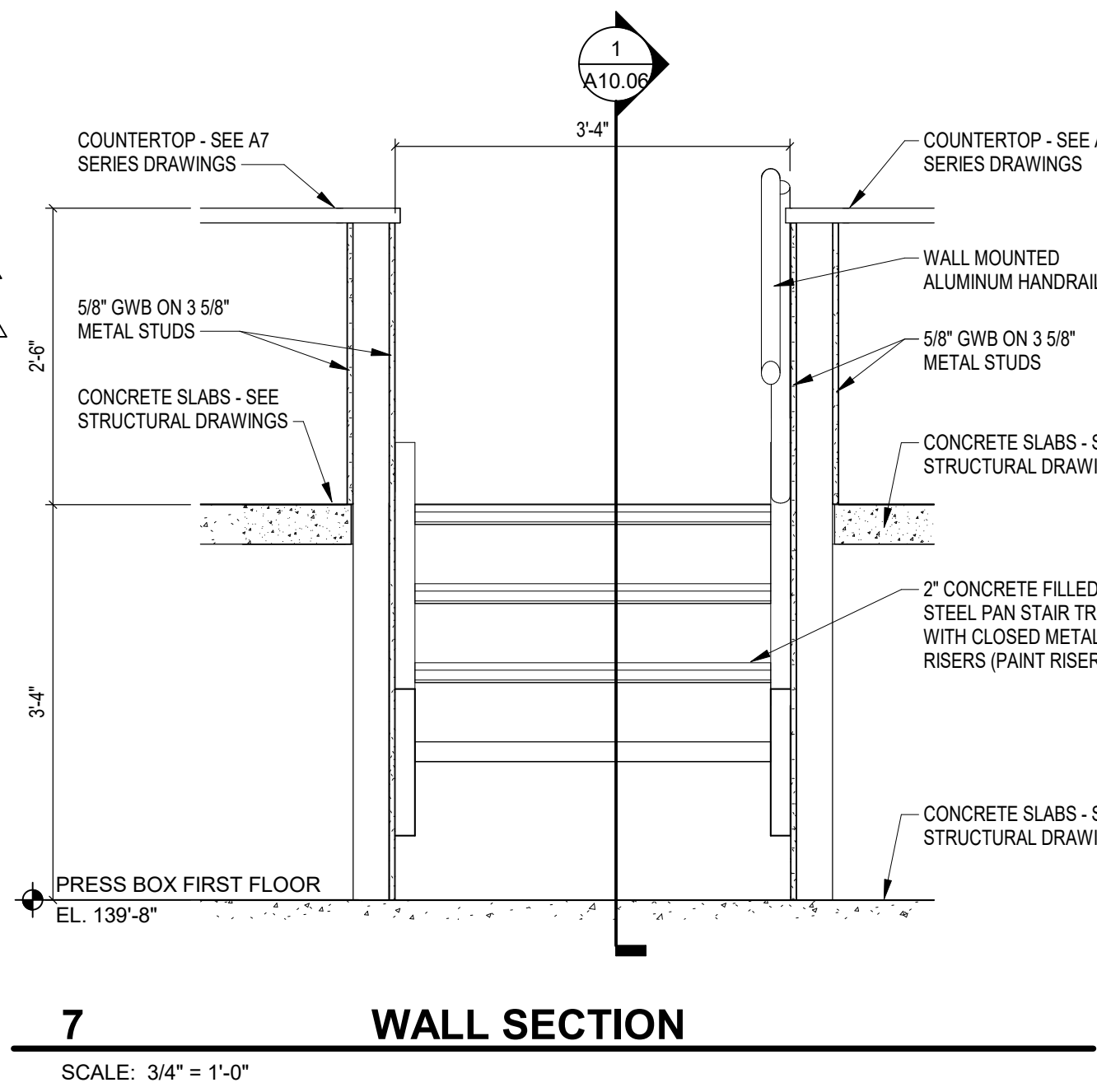
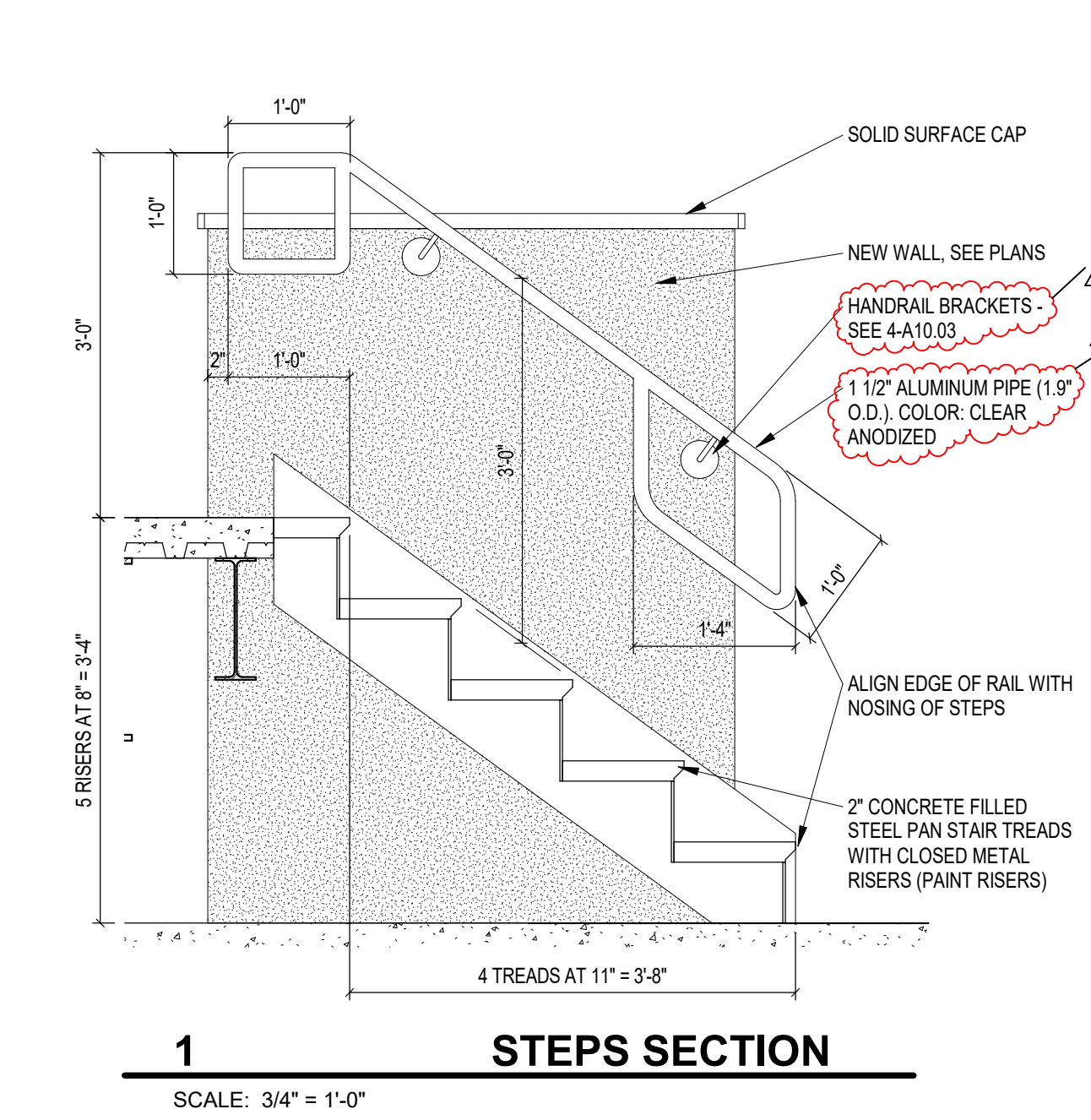
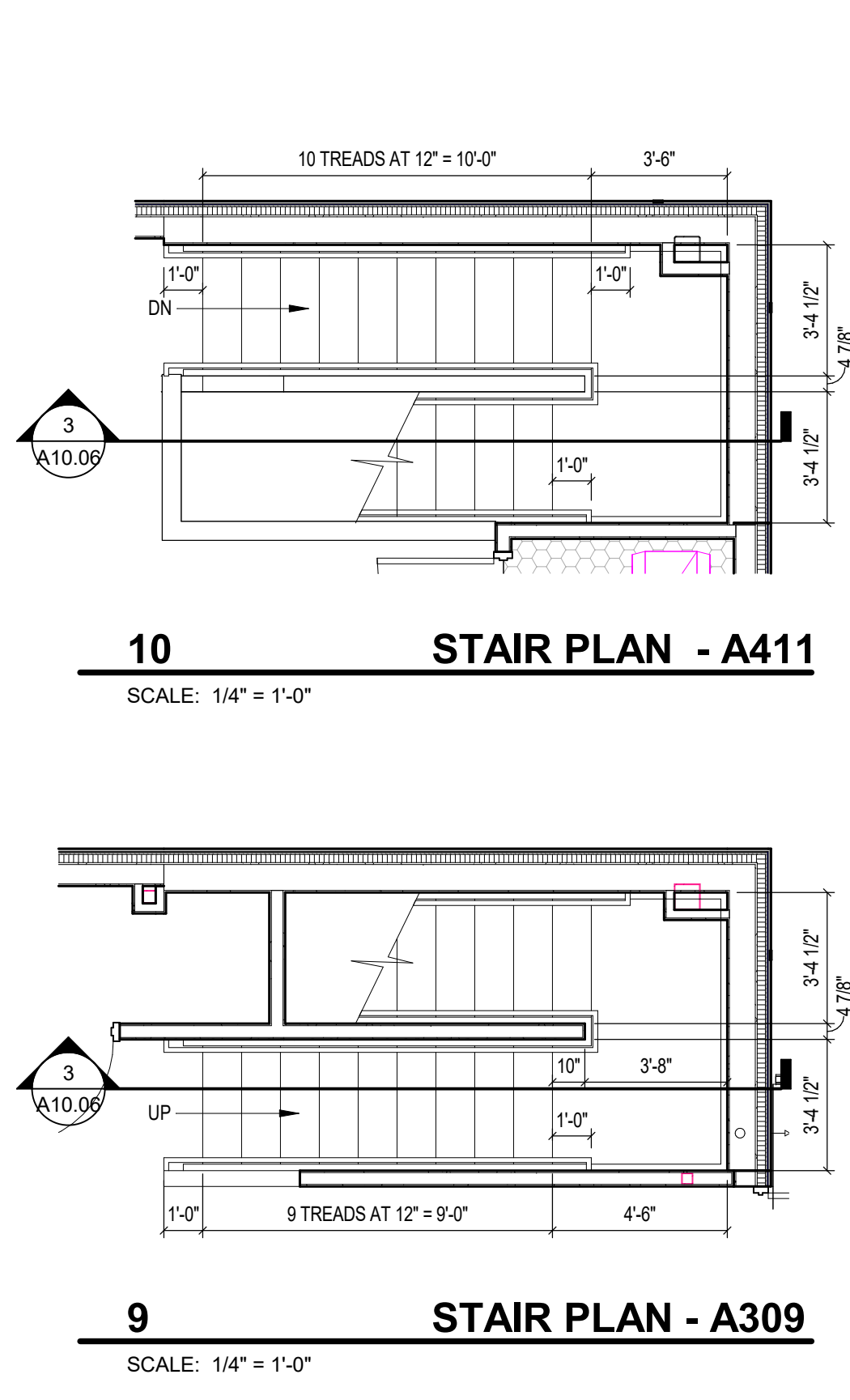


PROJECT MANAGER: MKS  
DRAWN BY: AH  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.28.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

**VERTICAL CIRCULATION**

**A10.06**



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**NOTE:**  
VERIFY ALL EXISTING GRADES IN FIELD AND ON SITE DRAWINGS

**222154.00  
CARMEL HIGH SCHOOL STADIUM  
GRANDSTAND RENOVATION  
PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

5201 E Main Street, Carmel, IN 46033  
317-844-9961



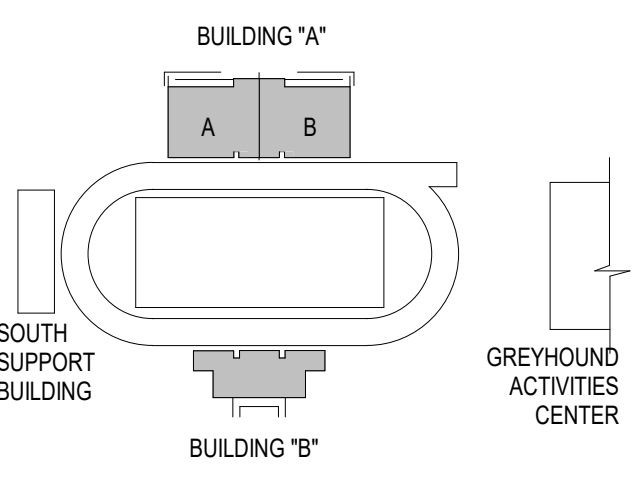
ARCHITECT



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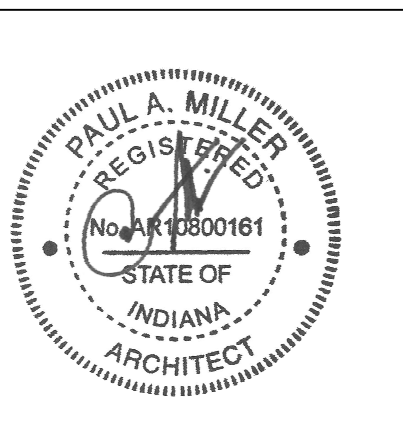
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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

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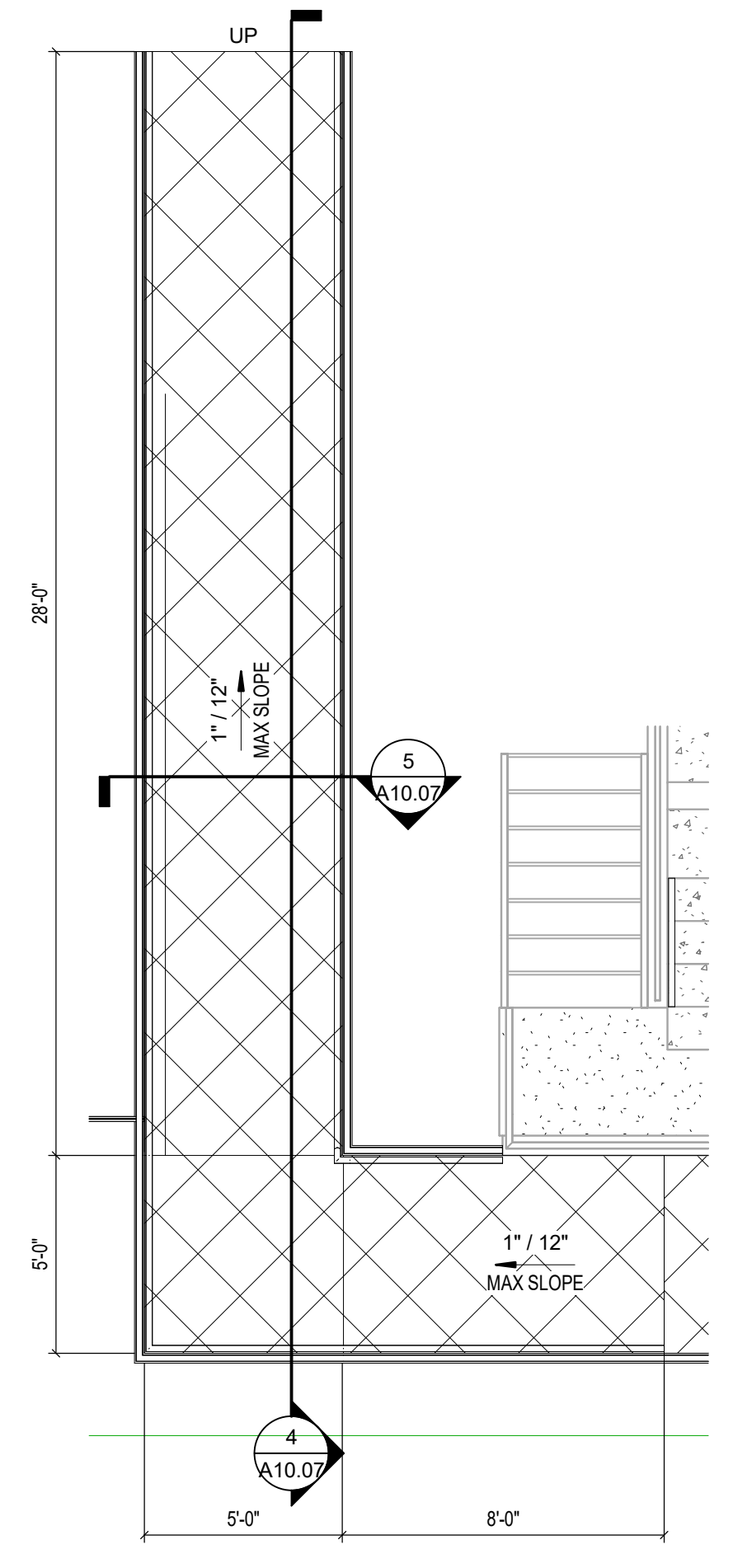


PROJECT MANAGER: MKS  
DRAWN BY: AH  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

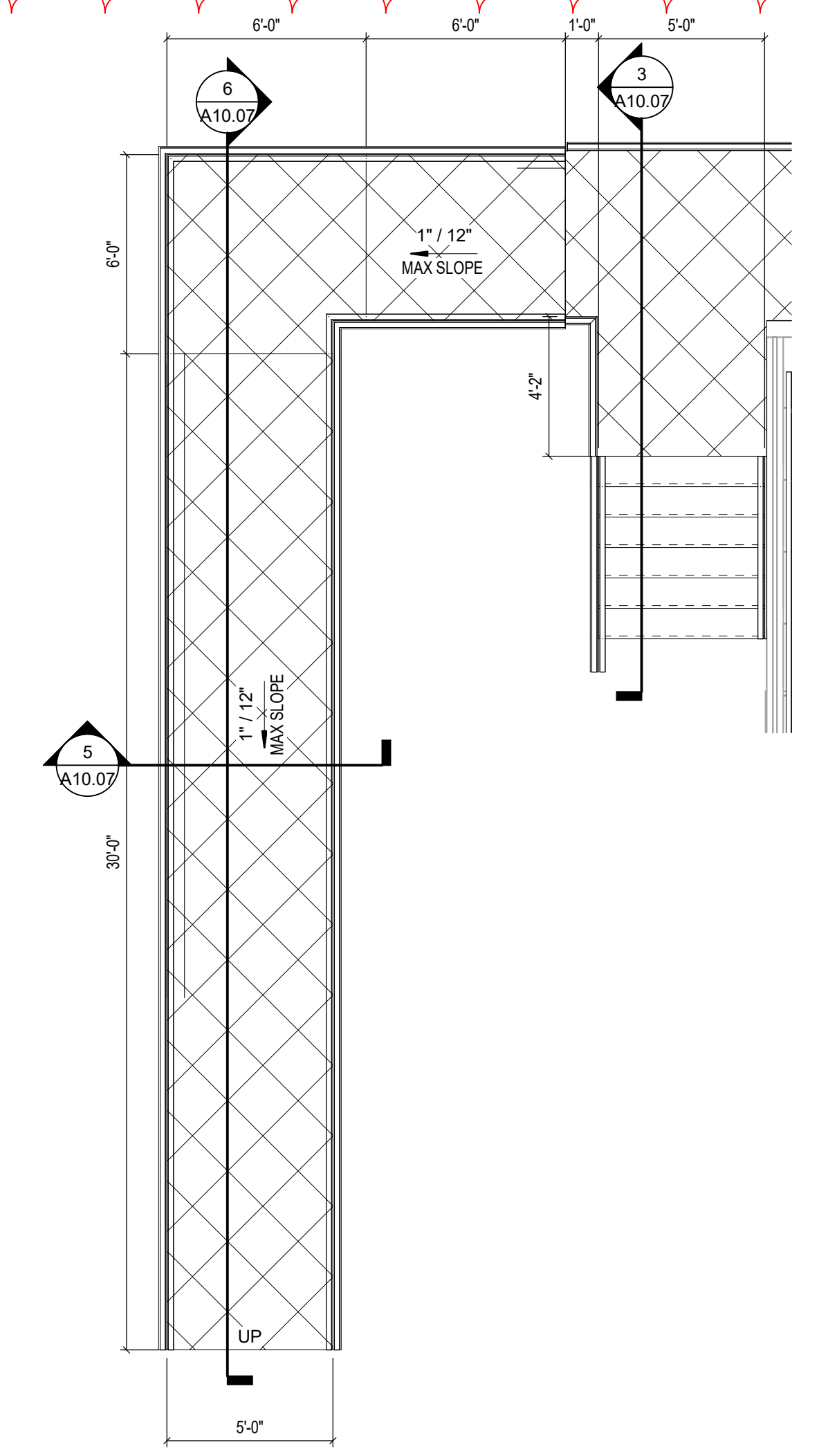
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM NO. 2	8.23.2024

VERTICAL CIRCULATION

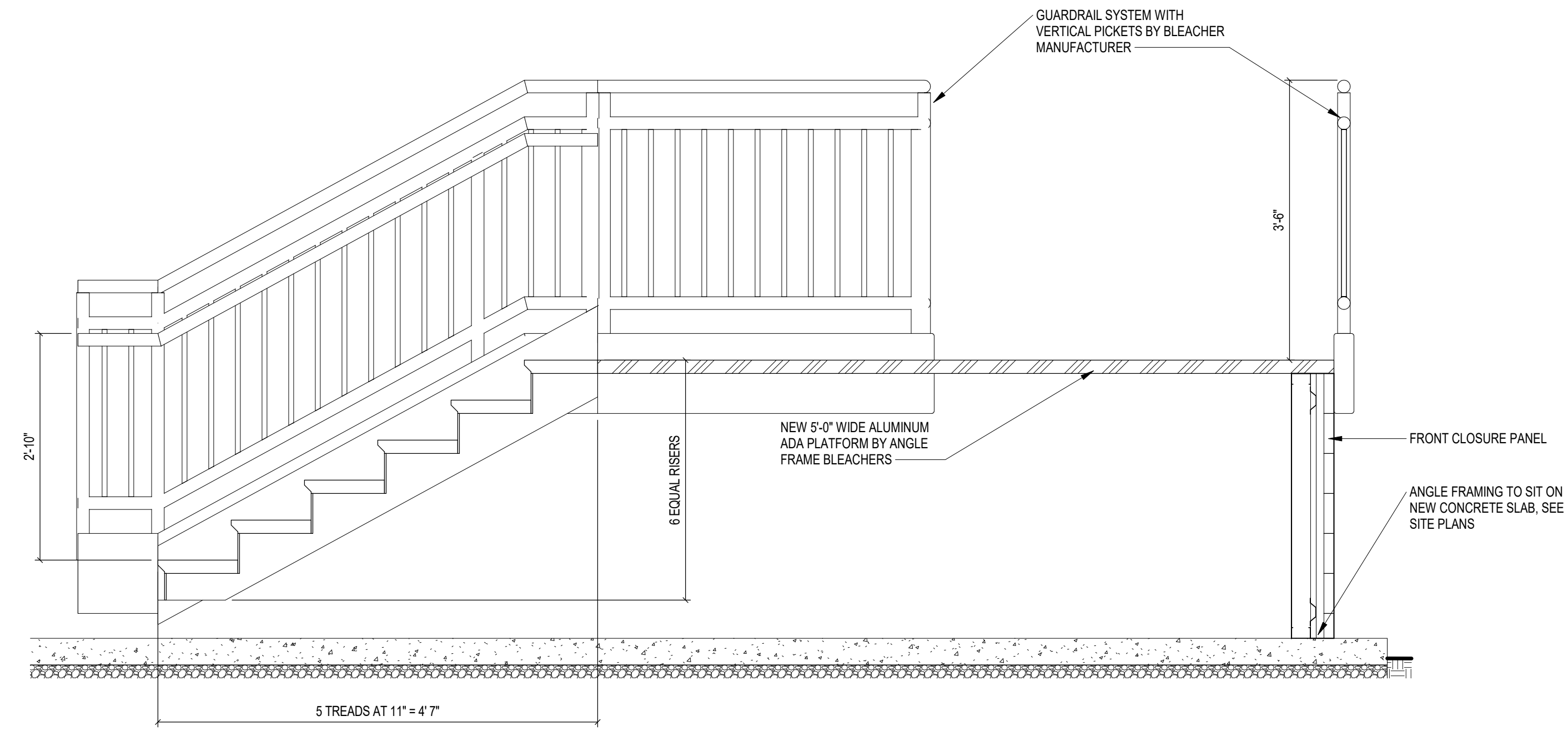
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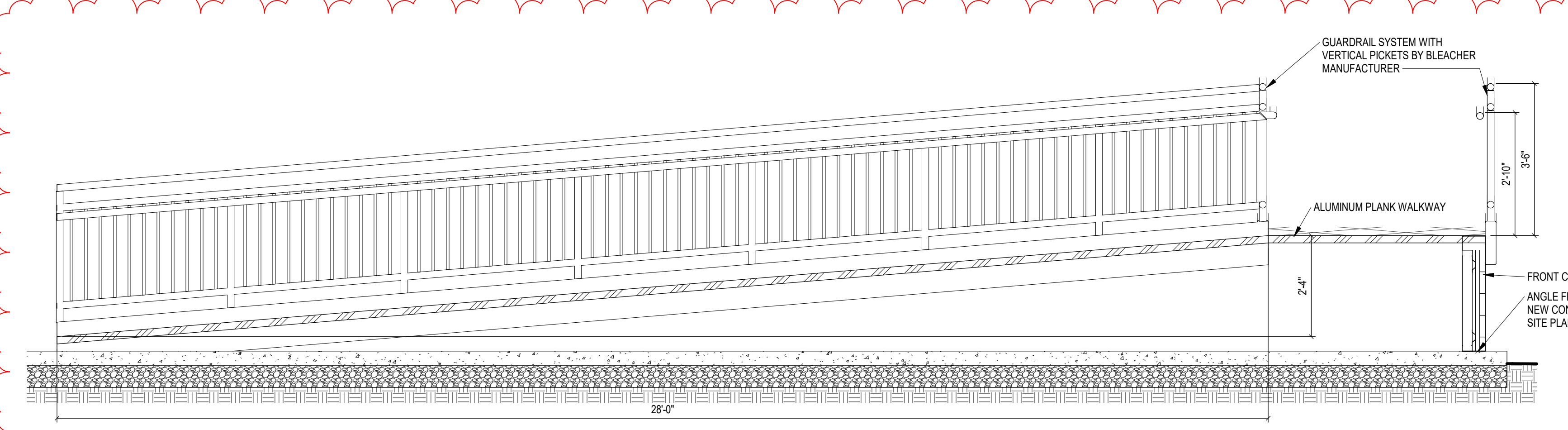
**1 ENLARGED ADA PLATFORM RAMP PLAN - HOME SIDE**  
SCALE: 1/4" = 1'-0"



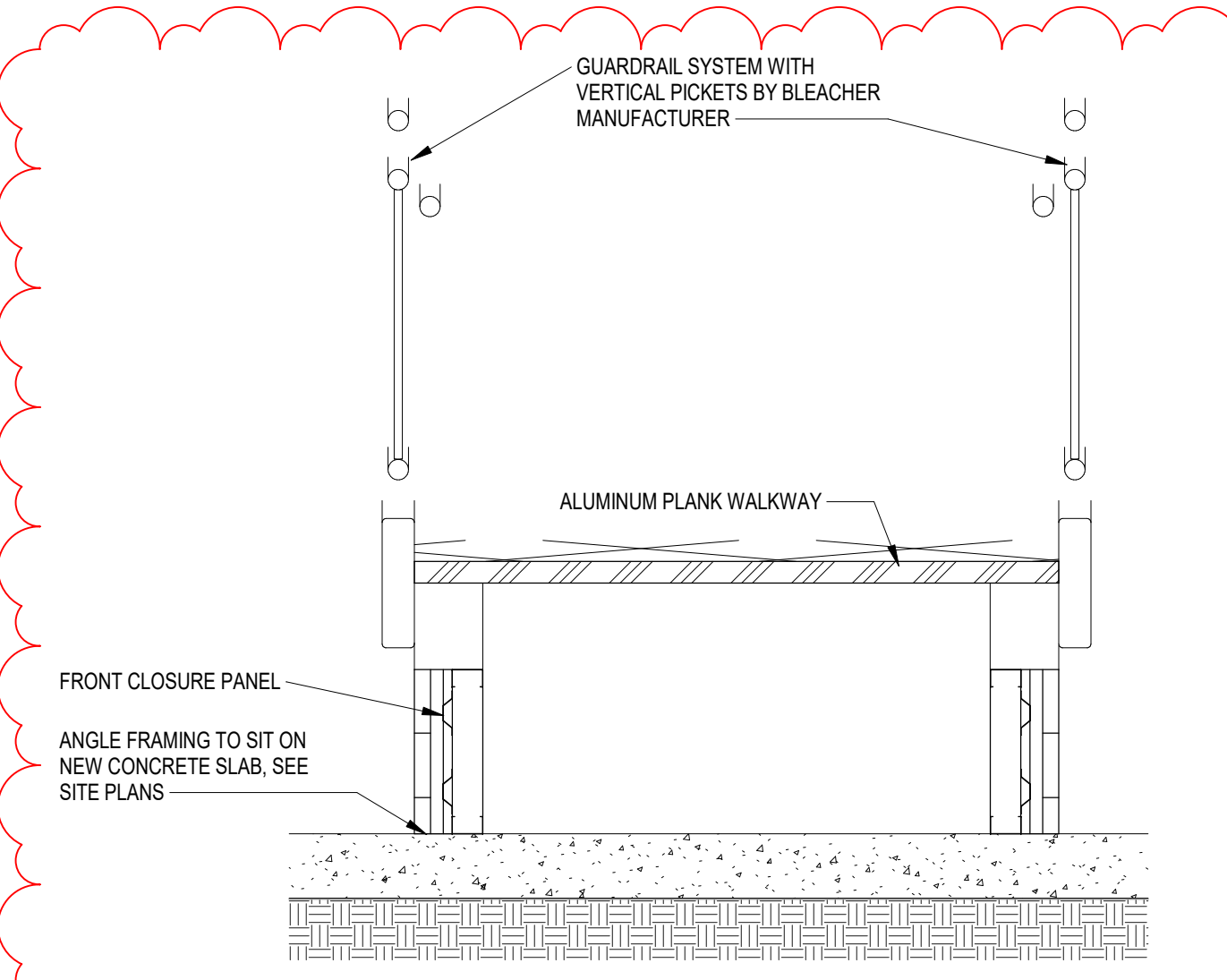
**2 ENLARGED ADA PLATFORM RAMP PLAN - VISITOR SIDE**  
SCALE: 1/4" = 1'-0"



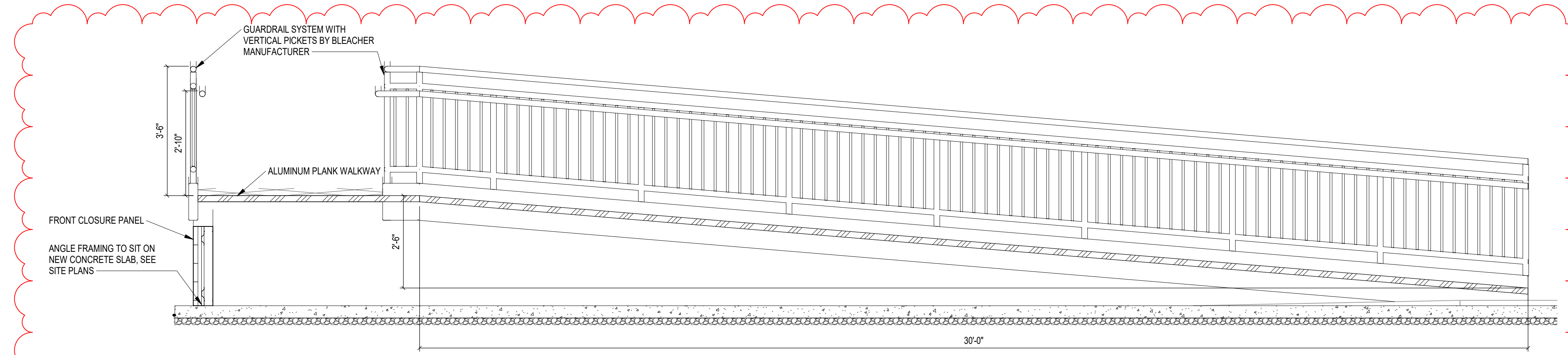
**3 STAIR SECTION - VISITOR SIDE**  
SCALE: 3/4" = 1'-0"



**4 ADA PLATFORM RAMP SECTION - HOME SIDE**  
SCALE: 1/2" = 1'-0"



**5 ALUMINUM RAMP SECTION**  
SCALE: 3/4" = 1'-0"



**6 ADA PLATFORM RAMP SECTION - VISITOR SIDE**  
SCALE: 1/2" = 1'-0"

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# CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

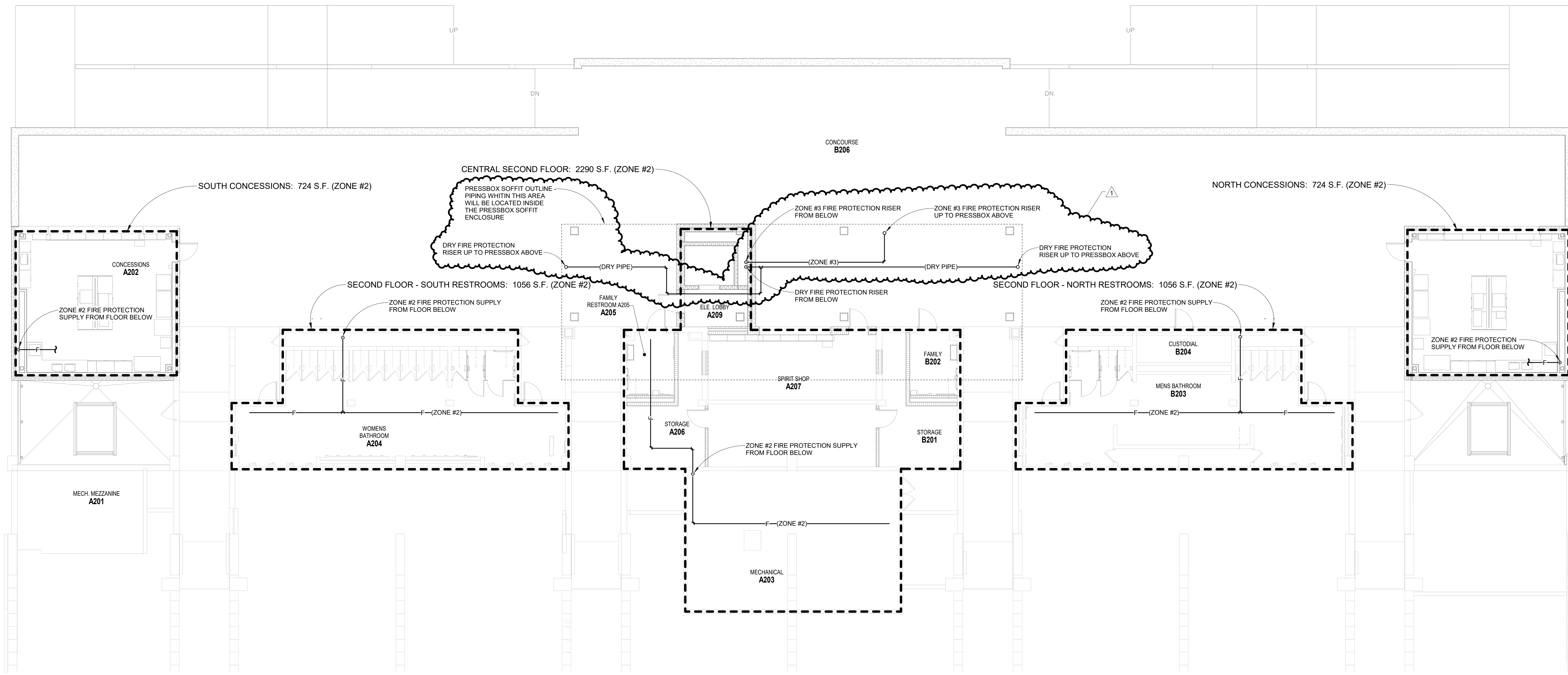
CARMEL CLAY SCHOOLS



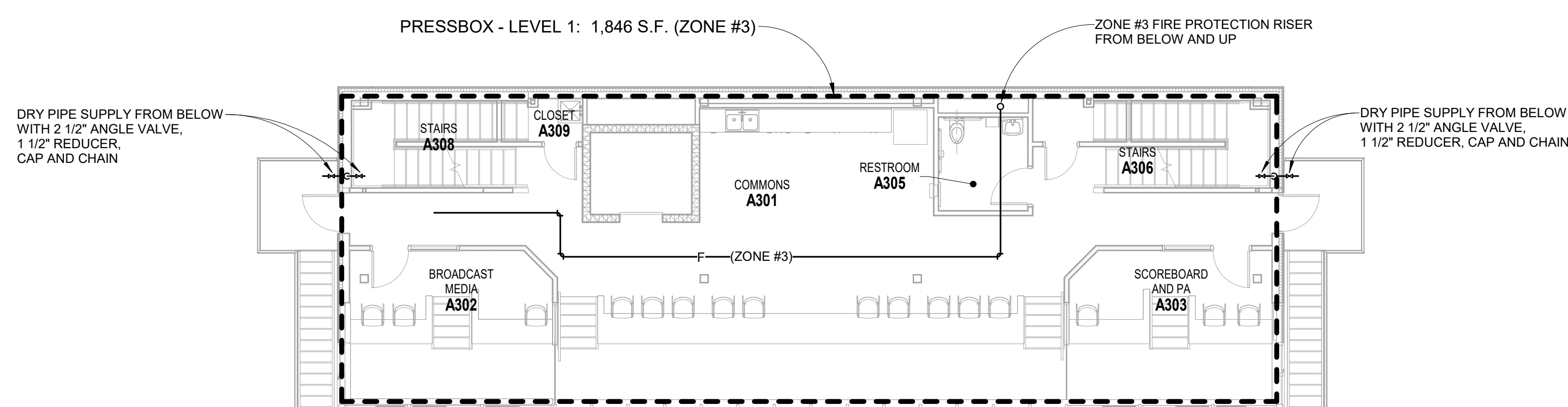
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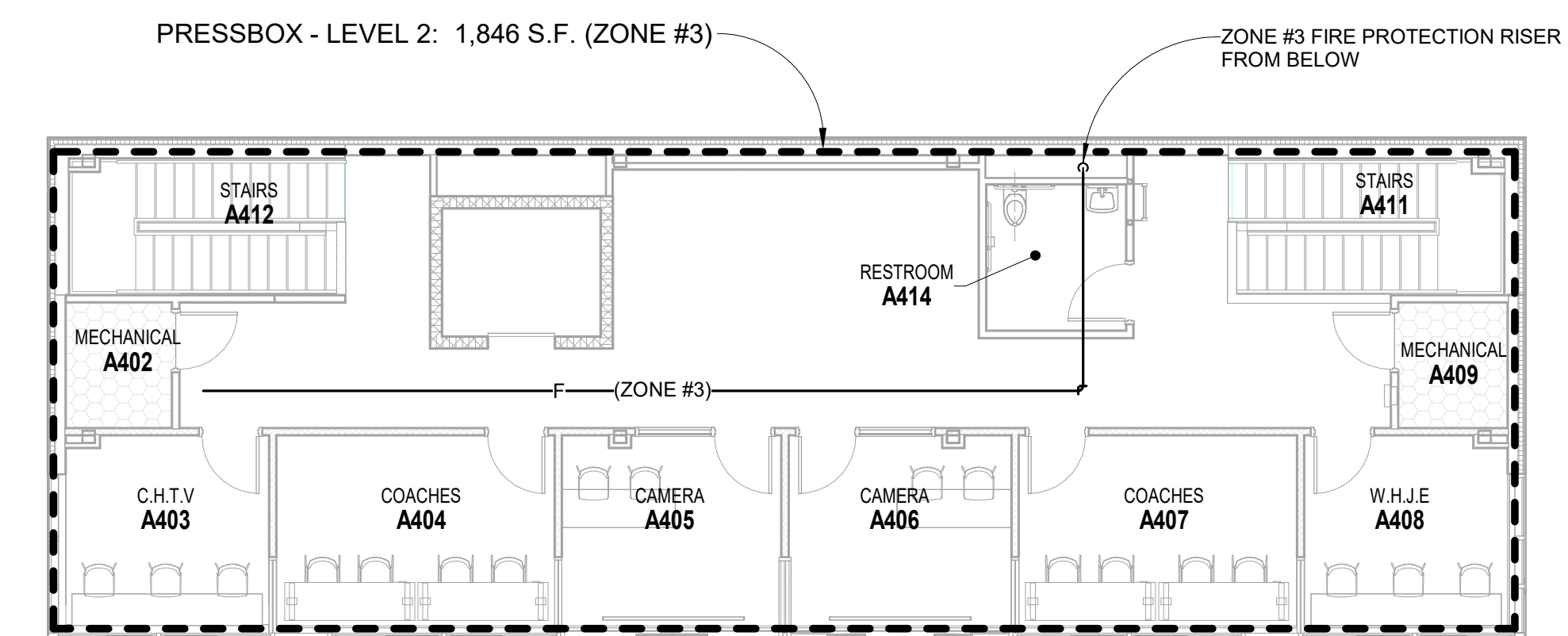
317.848.0966 WWW.FHAI.COM  
350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**SECOND FLOOR / CONCOURSE FIRE PROTECTION PLAN - BUILDING A**  
SCALE: 1/8" = 1'-0"

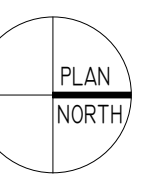


**PRESS BOX LEVEL 1 FIRE PROTECTION PLAN**  
SCALE: 1/8" = 1'-0"

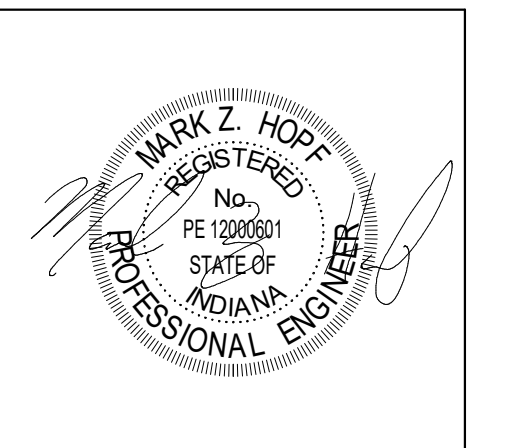


**PRESS BOX LEVEL 2 FIRE PROTECTION PLAN**  
SCALE: 1/8" = 1'-0"

KEY PLAN



100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: JE  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	08-23-2024

**VERIFICATION NOTE**  
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS.  
SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

SECOND FLOOR & PRESSBOX FIRE PROTECTION PLANS - BUILDING A

**PFP.02**

# CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

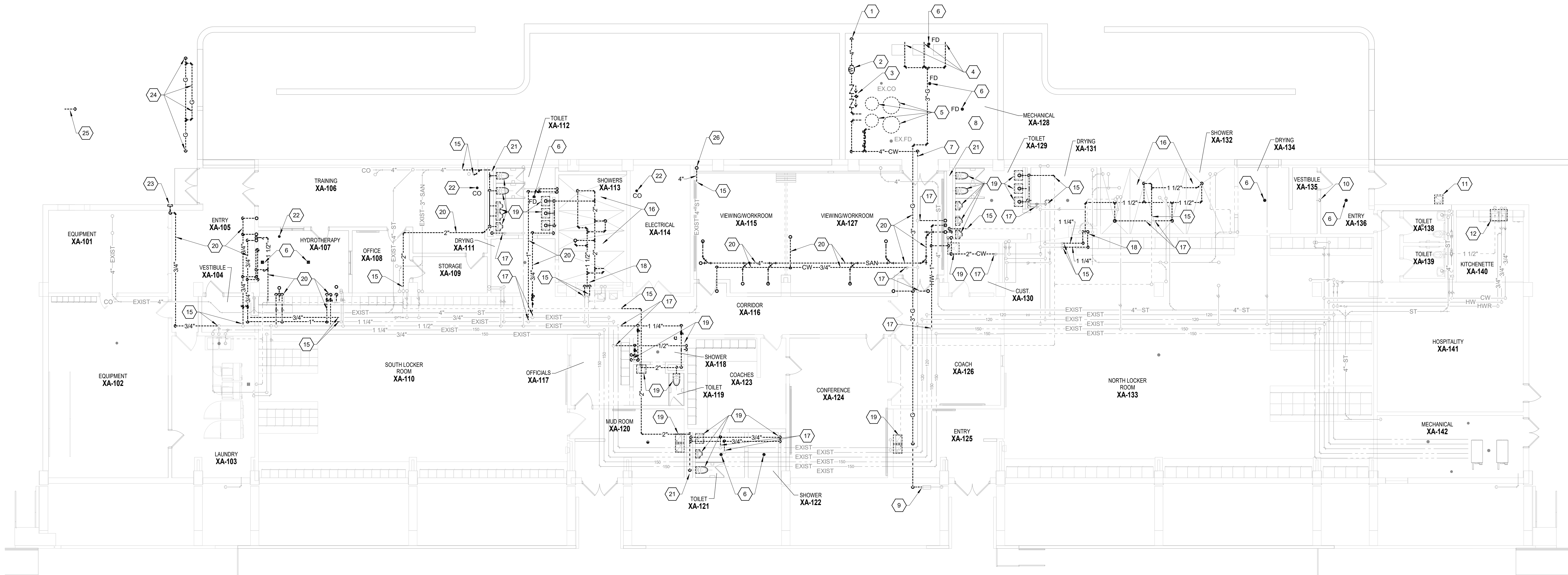
CARMEL CLAY SCHOOLS



ARCHITECT



317.848.0966 WWW.FHAI.COM  
30 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



## FIRST FLOOR PLUMBING DEMOLITION PLAN - BUILDING A

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

### GENERAL CONSTRUCTION NOTE

CONTRACTOR SHALL PROVIDE CUTTING AND PATCHING OF EXISTING CONCRETE SLAB AS REQUIRED TO ACCOMMODATE INSTALLATION OF UNDERSLAB PIPING SYSTEMS. PATCH CONCRETE SLAB TO MATCH EXISTING FINISHES.

### GENERAL CONSTRUCTION NOTE

CONTRACTOR SHALL BE RESPONSIBLE FOR CEILING REMOVAL AND REPLACEMENT AS REQUIRED THROUGHOUT EXISTING AREAS TO ACCOMMODATE NEW PIPING INSTALLATIONS.

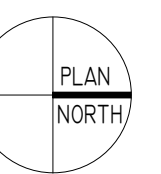
### FIRST FLOOR DEMO PLAN NOTES

- 1 REMOVE INCOMING 4" DOMESTIC WATER SERVICE COMPLETE.
- 2 REMOVE WATER METER AND ALL ASSOCIATED VALVES AND PIPING COMPLETE. CLEAN, STORE AND PREPARE FOR RELOCATION.
- 3 REMOVE BACKFLOW PREVENTERS AND ALL ASSOCIATED PIPING AND VALVES COMPLETE. CLEAN, STORE AND PREPARE FOR RELOCATION.
- 4 REMOVE GAS PIPING AND ALL ASSOCIATED VALVES AND EQUIPMENT TO HVAC BOILER COMPLETE.
- 5 DISCONNECT AND REMOVE WATER SOFTENERS AND ASSOCIATED BRINE TANKS. CLEAN, STORE AND PREPARE EQUIPMENT FOR RELOCATION.
- 6 REMOVE FLOOR DRAIN AND ASSOCIATED GRATE AND BODY COMPLETE.
- 7 REMOVE 4" COLD WATER PIPING BACK TO THIS POINT. PREPARE REMAINING PIPE FOR CONNECTION TO NEW.
- 8 REMOVE ALL PLUMBING PIPING AND EQUIPMENT, INCLUDING VALVES, SUPPORTS, EQUIPMENT PADS AND ALL MISCELLANEOUS EQUIPMENT AND PIPING COMPLETE WITHIN EXISTING MECHANICAL ROOM.
- 9 REMOVE GAS PIPING, VALVES AND GAS PRESSURE REGULATOR COMPLETE BACK TO METER OUTLET. PREPARE METER OUTLET FOR NEW GAS PRESSURE REGULATOR AND PIPING FOR CONNECTION TO NEW. EXISTING GAS METER TO REMAIN.
- 10 REMOVE WALL CLEANOUT COMPLETE, DOWN TO BELOW SLAB.
- 11 REMOVE DRINKING FOUNTAIN COMPLETE. REMOVE WASTE AND WATER ROUGH-INS BACK INTO WALL AND CAP. PATCH WALL TO MATCH EXISTING FINISHES.
- 12 REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED VALVES AND TRIM COMPLETE. EXISTING WASTE AND WATER ROUGH-INS TO REMAIN. PREPARE ROUGH-INS FOR CONNECTION TO NEW.
- 15 REMOVE PIPING BACK TO THIS POINT AND PREPARE REMAINING PIPING FOR CONNECTION TO NEW.
- 16 REMOVE ALL TEMPERED WATER PIPING SERVING SHOWERS BACK TO MASTER MIXING VALVE COMPLETE. REMOVE ALL VENT PIPING IN THIS AREA UP TO ABOVE CEILING. REMOVE SHOWER DRAIN OUTLET TO BELOW SLAB AND CAP. PATCH SLAB TO MATCH EXISTING FINISHES.

### FIRST FLOOR DEMO PLAN NOTES

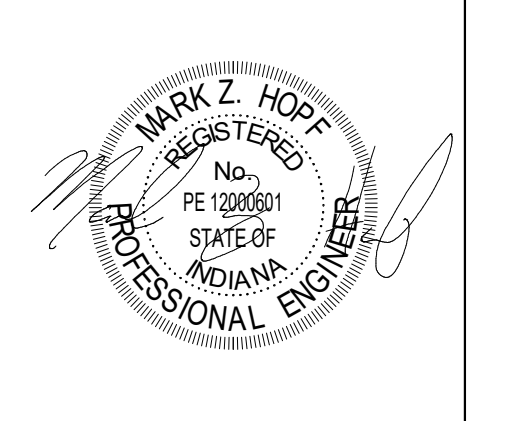
- 17 REMOVE PIPING BACK TO THIS POINT AND CAP.
- 18 REMOVE MASTER MIXING VALVE AND ALL ASSOCIATED VALVES AND TRIM COMPLETE. PATCH WALL TO MATCH EXISTING FINISHES.
- 19 REMOVE PLUMBING FIXTURE AND ALL ASSOCIATED VALVES AND PIPING COMPLETE.
- 20 REMOVE PIPING COMPLETE.
- 21 REMOVE ALL WASTE, WATER AND VENT PIPING WITHIN CHASE COMPLETE.
- 22 REMOVE FLOOR CLEANOUT COMPLETE.
- 23 REMOVE EXTERIOR WALL HYDRANT COMPLETE. SEAL WALL PENETRATION WEATHER TIGHT.
- 24 REMOVE INCOMING GAS PIPING, METER(S) AND ALL ASSOCIATED VALVES AND PIPING COMPLETE. REMOVE PIPING TO BELOW GRADE. COORDINATE WORK WITH THE GAS COMPANY.
- 25 REMOVE 1" GAS SUPPLY TO EMERGENCY GENERATOR AND ALL ASSOCIATED VALVES AND PIPING COMPLETE. REMOVE PIPING TO BELOW GRADE.
- 26 REMOVE 4" STORM PIPING FROM ABOVE COMPLETE.

24 REMOVE INCOMING GAS PIPING, METER(S) AND ALL ASSOCIATED VALVES AND PIPING COMPLETE. REMOVE PIPING TO BELOW GRADE. COORDINATE WORK WITH THE GAS COMPANY.



## KEY PLAN

### 100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: JE  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	08-23-2024

**VERIFICATION NOTE**  
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## FIRST FLOOR PLUMBING DEMOLITION PLAN - BUILDING A

# PD.02



# CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

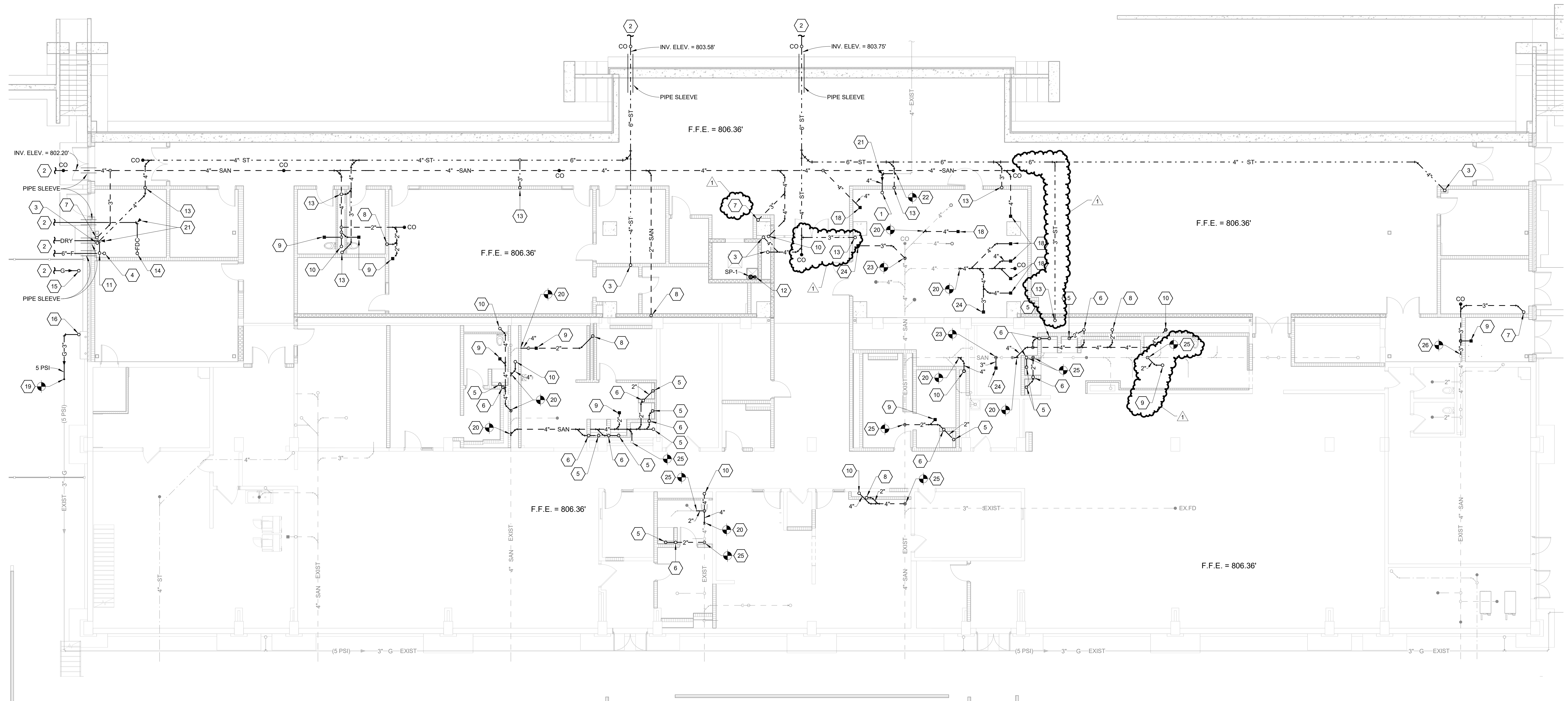
CARMEL CLAY SCHOOLS



ARCHITECT



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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



## FOUNDATION PLUMBING PLAN - BUILDING A

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

### GENERAL CONSTRUCTION NOTE

CONTRACTOR SHALL PROVIDE CUTTING AND PATCHING OF EXISTING CONCRETE SLAB AS REQUIRED TO ACCOMMODATE INSTALLATION OF UNDERSLAB PIPING SYSTEMS. PATCH CONCRETE SLAB TO MATCH EXISTING FINISHES.

### FOUNDATION PLUMBING PLAN NOTES

- 1 INCOMING 4" DOMESTIC COLD WATER UP. PROVIDE THRUST BLOCK AT PIPE RISE.
- 2 REFER TO SITE/CIVIL DRAWINGS FOR CONTINUATION.
- 3 4" STORM FROM ABOVE.
- 4 INCOMING 6" FIRE PROTECTION SUPPLY. PROVIDE THRUST BLOCK AT PIPE RISE.
- 5 2" WASTE WITH DEEP SEAL P-TRAP FROM SHOWER DRAIN ABOVE.
- 6 1 1/2" VENT UP TO ABOVE SLAB.
- 7 3" WASTE FROM ABOVE.
- 8 2" WASTE FROM ABOVE.
- 9 2" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
- 10 4" WASTE FROM ABOVE.

### FOUNDATION PLUMBING PLAN NOTES

- 11 DRY PIPE FIRE PROTECTION SUPPLY UP. PROVIDE THRUST BLOCK AT PIPE RISE.
- 12 2" PUMPED DISCHARGE UP.
- 13 3" STORM FROM ABOVE.
- 14 4" FIRE LINE FROM REMOTE FIRE DEPARTMENT CONNECTION. PROVIDE THRUST BLOCK AT PIPE RISE.
- 15 INCOMING NATURAL GAS UP TO GAS METER ASSEMBLY (BY GAS CO.).
- 16 3" GAS (5 PSI) FROM ABOVE.
- 18 4" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
- 19 CONNECT 3" GAS (5 PSI) TO EXISTING 3" GAS MAIN AT THIS LOCATION.
- 20 CONNECT 4" WASTE TO EXISTING WASTE MAIN AT THIS LOCATION.
- 21 PROVIDE PIPE THRUST BLOCK AT PIPE FITTING.

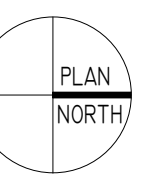
### FOUNDATION PLUMBING PLAN NOTES

- 22 CONNECT 4" COLD WATER TO EXISTING COLD WATER MAIN AT THIS LOCATION.
- 23 CONNECT 3" WASTE TO EXISTING WASTE MAIN AT THIS LOCATION.
- 24 3" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
- 25 CONNECT 2" WASTE TO EXISTING WASTE MAIN AT THIS LOCATION.
- 26 CONNECT 3" WASTE TO EXISTING 4" WASTE AT THIS LOCATION. FIELD VERIFY EXISTING WASTE MAIN LOCATION.

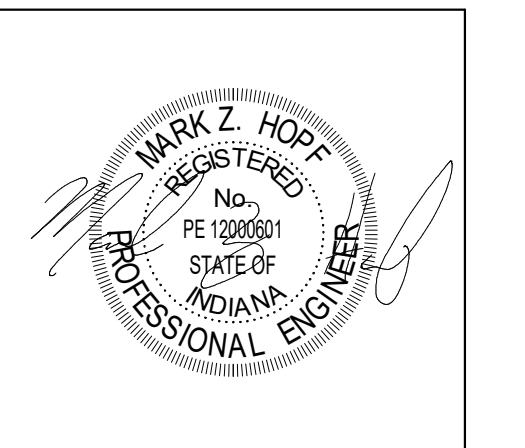
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### KEY PLAN



### 100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: JE  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	08-23-2024

### FOUNDATION PLUMBING PLAN - BUILDING A

# P2.01

**CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

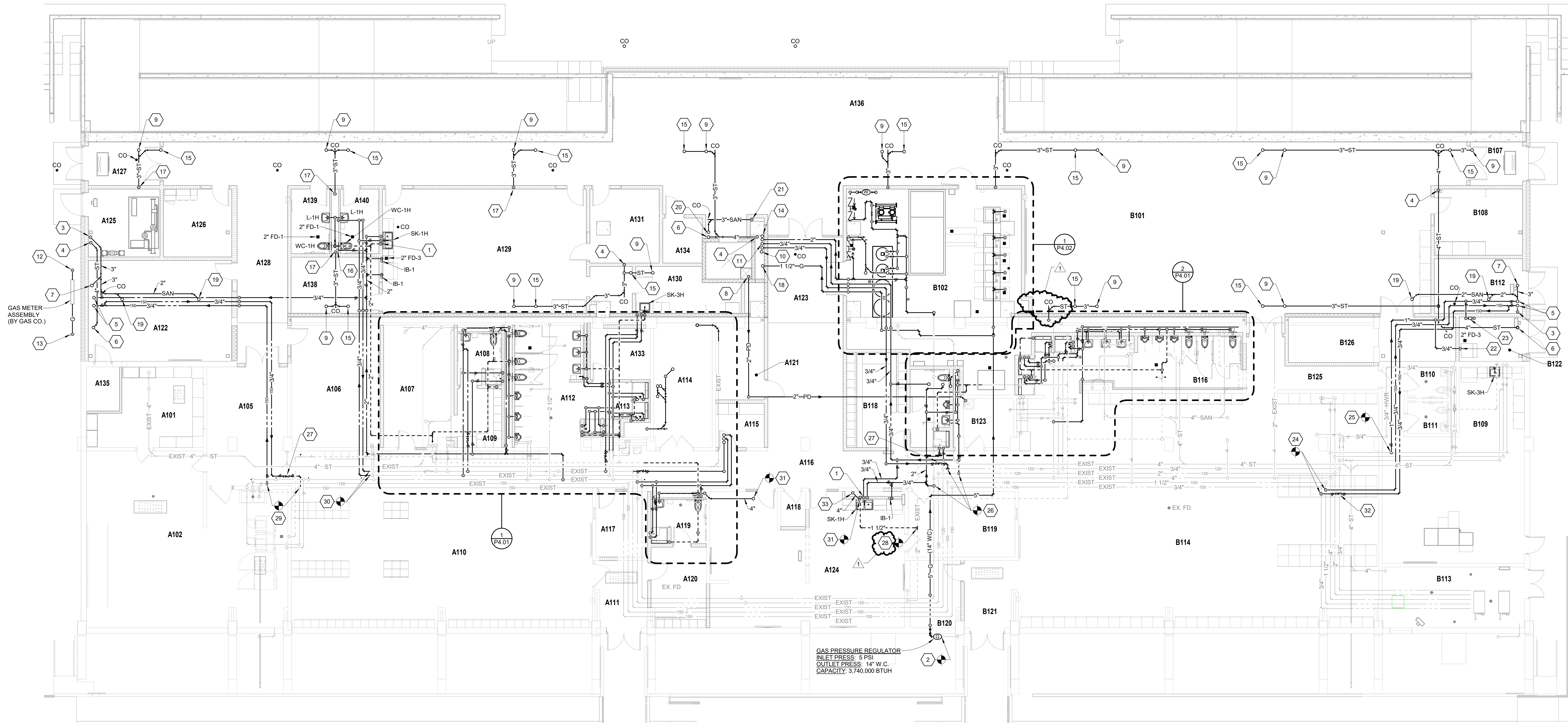
CARMEL CLAY SCHOOLS



ARCHITECT



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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**FIRST FLOOR PLUMBING PLAN - BUILDING A**  
SCALE: 1/8" = 1'-0"

**GENERAL CONSTRUCTION NOTE**  
CONTRACTOR SHALL BE RESPONSIBLE FOR CEILING REMOVAL AND REPLACEMENT AS REQUIRED THROUGHOUT EXISTING AREAS TO ACCOMMODATE NEW PIPING INSTALLATIONS.

**FIRST FLOOR PLUMBING PLAN NOTES**

- 3/4" HOT AND COLD WATER DOWN. 2" WASTE DOWN TO BELOW SLAB, 1 1/2" VENT UP TO ABOVE CEILING.
- CONNECT GAS PRESSURE REGULATOR TO EXISTING GAS SERVICE AFTER METER.
- 3" WASTE DOWN TO BELOW SLAB. PROVIDE CLEANOUT AT BASE OF RISER.
- 4" STORM DOWN TO BELOW SLAB. PROVIDE CLEANOUT AT BASE OF RISER.
- 3/4" COLD WATER AND 3/4" 150 DEG. HOT WATER UP TO CONCESSIONS ROOM ABOVE.
- 4" STORM FROM ABOVE.
- 3" WASTE FROM ABOVE.
- 2" PUMPED DISCHARGE UP FROM BELOW SLAB TO ABOVE CEILING.
- 3" STORM FROM CONCOURSE DECK DRAIN ABOVE.
- 4" STORM FROM ABOVE AND DOWN TO BELOW SLAB.
- 2" COLD WATER AND 3/4" HOT WATER UP. 3/4" HOT WATER RETURN FROM ABOVE.
- INCOMING GAS SERVICE FROM BELOW GRADE UP TO GAS METER ASSEMBLY (BY GAS CO.).
- 3" GAS (5 PSI) DOWN TO BELOW GRADE.
- 4" WASTE FROM ABOVE AND DOWN TO BELOW SLAB.
- 3" STORM FROM CONCOURSE OVERFLOW DECK DRAIN ABOVE.

**FIRST FLOOR PLUMBING PLAN NOTES**

- 2" COLD WATER DOWN IN CHASE. EXTEND COLD WATER TO FIXTURES AS REQUIRED. PROVIDE ACCESSIBLE WATER HAMMER ARRESTER TYPE 'A' AT LAST FLUSH VALVE CONNECTION.
- 3" STORM DOWN TO BELOW SLAB. PROVIDE CLEANOUT AT BASE OF RISER.
- 1 1/2" GAS (14" W.C.) UP.
- 2" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
- 3" WASTE FROM ABOVE.
- 3/4" COLD WATER DOWN. TURN OUT EXPOSED AT 72" A.F.F. AND ROUTE TO WALL MOUNTED WATER FILTRATION SYSTEM. WATER FILTRATION SYSTEM SHALL BE EQUAL TO EVERPURE MODEL EV932402, 18,000 GAL. CAPACITY, 3.34 GPM FLOW RATE. EXTEND FILTERED WATER TO ICE MACHINE CONNECTION AS REQUIRED. TERMINATE INDIRECT DRAIN(S) OVER FLOOR DRAIN WITH AIR GAP.
- 3/4" COLD WATER DOWN ALONG WALL TO WALL MOUNTED WATER FILTER EQUAL TO U.S. WATER MAGNA FILTER, 4.5" X 10" SIZE, UP TO 12 GPM FLOW RATE. EXTEND 3/4" FILTERED WATER DOWN ALONG WALL AND TERMINATE WITH 3/4" BOILER DRAIN VALVE WITH 3/4" END HOSE CONNECTION THREADS. SUPPORT PIPING ON FACE OF WALL. MOUNT WATER FILTER AT 60" A.F.F. MOUNT BOILER DRAIN AT 48" A.F.F.
- CONNECT 3/4" 150 DEG. F. HOT WATER AND HOT WATER RETURN TO EXISTING MAINS AT THIS LOCATION.
- CONNECT 1" COLD WATER TO EXISTING COLD WATER MAIN AT THIS LOCATION.

**FIRST FLOOR PLUMBING PLAN NOTES**

- CONNECT 2" COLD WATER, 1" HOT WATER AND 3/4" HOT WATER RETURN TO EXISTING WATER MAINS AT THESE LOCATIONS.
- HOT WATER RETURN BALANCE STATION. SET AT 1.0 GPM. REFER TO DETAIL ON DRAWING P3.01 FOR MORE INFORMATION.
- CONNECT 1 1/2" VENT TO EXISTING VENT AT THIS LOCATION.
- CONNECT 3/4" 150 DEG. F. HOT WATER AND HOT WATER RETURN TO EXISTING WATER MAINS AT THESE LOCATIONS.
- CONNECT 3/4" HOT WATER AND HOT WATER RETURN TO EXISTING WATER MAINS AT THESE LOCATIONS.
- CONNECT 4" WASTE TO EXISTING FLOOR DRAIN OUTLET FROM MEZZANINE ABOVE.
- HOT WATER RETURN BALANCE STATION. SET AT 0.5 GPM. REFER TO DETAIL ON DRAWING P3.01 FOR MORE INFORMATION.
- 4" WASTE DOWN IN CHASE TO BELOW SLAB.

ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	256 SF
A102	EQUIPMENT	906 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	78 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	358 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKERS	88 SF
A110	LOCKER ROOM	1749 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	96 SF
A114	ELECTRICAL	230 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	529 SF
A117	OFFICE	111 SF
A118	STORAGE	29 SF
A119	WOMEN	78 SF
A120	WOMEN'S OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR/HALLWAY	528 SF
A124	COACHES	809 SF
A125	FIRE PUMP	160 SF
A126	WOMEN'S OFFICIALS/ MANAGERS	153 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	296 SF
A129	TRAINING	895 SF
A130	CLINIC	142 SF

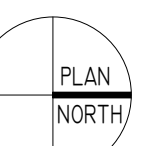
ROOM NO.	ROOM NAME	AREA (SF)
A131	RECOVERY	163 SF
A132	STORAGE	102 SF
A134	ELEV. EOPT.	59 SF
A135	IT/DATA CLOSET	48 SF
A136	STUDENT COMMONS	796 SF
A137	HALLWAY	1507 SF
A138	OFFICE	163 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

ROOM NO.	ROOM NAME	AREA (SF)
B101	MEETING AREA	2377 SF
B102	MECHANICAL	966 SF
B107	VESTIBULE	75 SF
B108	FILM	191 SF
B109	CLASSROOM	744 SF
B110	RESTROOM	42 SF
B111	RESTROOM	42 SF
B112	EQUIP. STORAGE	159 SF
B113	MECHANICAL	285 SF
B114	LOCKER ROOM	2752 SF
B115	SHOWERS	93 SF
B116	RESTROOM	284 SF
B117	RESTROOM	101 SF
B118	COACHES' LOCKER	187 SF
B119	HEAD COACH OFFICE	230 SF
B120	STORAGE	109 SF
B121	VESTIBULE	111 SF
B122	ICE ROOM	93 SF
B123	CUSTODIAL	79 SF
B124	PASSAGE	50 SF
B125	HALLWAY	63 SF
B126	TABLE STORAGE	225 SF

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**KEY PLAN**



100% CONSTRUCTION DOCUMENTS



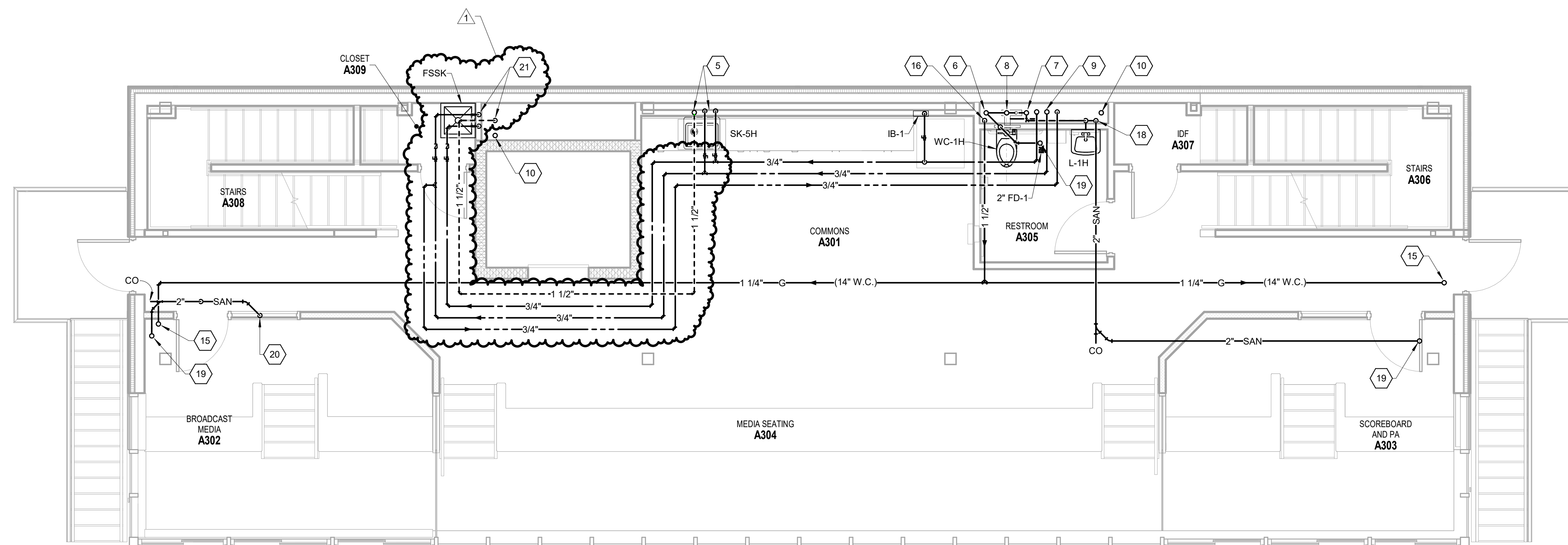
PROJECT MANAGER: MKS  
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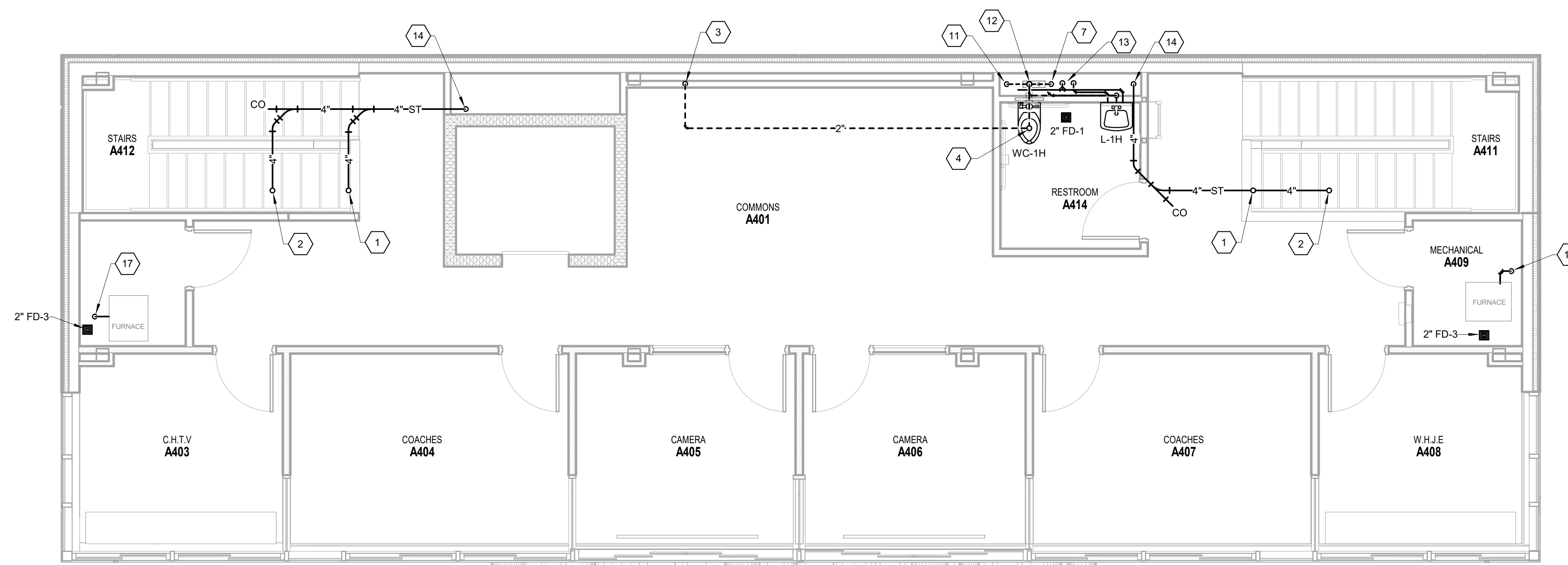
**FIRST FLOOR PLUMBING PLAN - BUILDING A**

**P2.02**





**PRESS BOX LEVEL 1 PLUMBING PLAN**  
SCALE: 1/4" = 1'-0"



**PRESS BOX LEVEL 2 PLUMBING PLAN**  
SCALE: 1/4" = 1'-0"

- PRESS BOX PLAN NOTES**
- 1 4" STORM FROM ROOF DRAIN ABOVE.
  - 2 4" STORM FROM OVERFLOW ROOF DRAIN ABOVE.
  - 3 2" VENT FROM BELOW.
  - 4 4" VENT UP TO 4" VENT THRU ROOF.
  - 5 3/4" HOT AND COLD WATER DOWN. EXTEND TO SINK FAUCET AS REQUIRED. 2" WASTE DOWN, 2" VENT UP.
  - 6 4" WASTE DOWN, 4" VENT UP.
  - 7 2" VENT UP.
  - 8 4" WASTE DOWN.
  - 9 2" COLD WATER AND 3/4" HOT WATER FROM BELOW. 1 1/2" COLD WATER AND 3/4" HOT WATER UP. 3/4" HOT WATER RETURN DOWN. EXTEND HOT AND COLD WATER TO FIXTURES AS REQUIRED. PROVIDE WATER HAMMER ARRESTER TYPE 'A' AT FLUSH VALVE CONNECTION.
  - 10 4" STORM FROM ABOVE AND DOWN.
  - 11 4" VENT FROM BELOW.
  - 12 4" VENT UP.
  - 13 1 1/2" COLD WATER AND 1/2" HOT WATER FROM BELOW. EXTEND HOT AND COLD WATER TO FIXTURES AS REQUIRED. PROVIDE ACCESSIBLE WATER HAMMER ARRESTER TYPE 'A' AT FLUSH VALVE CONNECTION.
  - 14 4" STORM DOWN.
  - 15 1 1/4" GAS UP.
  - 16 1 1/2" GAS (14" W.C.) FROM BELOW UP TO ABOVE CEILING.
  - 17 3/4" GAS FROM BELOW. EXTEND AND CONNECT TO FURNACE WITH SHUTOFF VALVE, MIN. 6" DIRT LEG AND UNION. REFER TO DETAIL ON DRAWING P3.01 FOR MORE INFORMATION.
  - 18 2" WASTE DOWN INTO CHASE. CONNECT TO HORIZONTAL WASTE WITHIN CHASE.
  - 19 2" WASTE WITH DEEP SEAL P-TRAP FROM FLOOR DRAIN ABOVE.
  - 20 2" WASTE DOWN IN WALL TO FLOOR BELOW.
  - 21 3/4" HOT AND COLD WATER WITH SHUTOFF VALVES AND CHECK VALVES IN SUPPLIES DOWN TO MOP BASIN FAUCET. 1 1/2" VENT FROM BELOW UP TO ABOVE CEILING.

**CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

CARMEL CLAY SCHOOLS

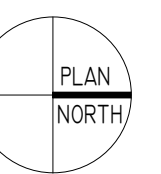


ARCHITECT



317.848.0966 WWW.FHAI.COM  
350 E. NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204

**KEY PLAN**



100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: JE  
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PRESSBOX PLUMBING PLANS - BUILDING A

**P2.04**



# CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

CARMEL CLAY SCHOOLS



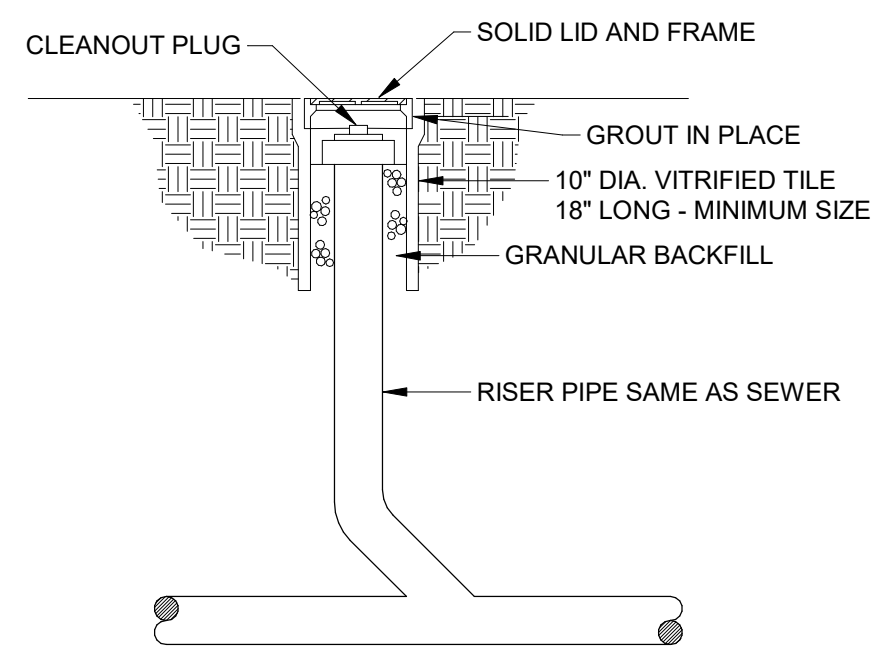
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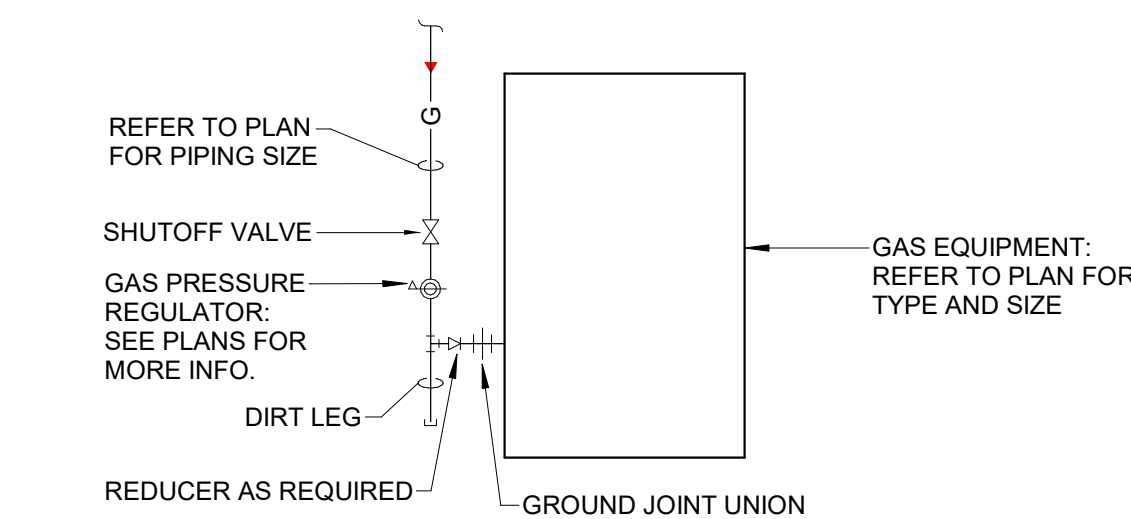
317.848.0966 WWW.FHAI.COM  
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PLUMBING FIXTURE SCHEDULE																					
MARK	ITEM	FIXTURE					TRIM					ACCESSORIES			CONNECTIONS				COMMENTS		
		MFGR	MODEL	MATERIAL	TYPE	COLOR	ITEM	MFGR	MODEL	ITEM	MFGR	MODEL	CW	HW	W	V					
DF-1H	BILEVEL DRINKING FOUNTAIN W/ INTEGRAL BOTTLE	ELKAY	VRCLDDMWSK	STAINLESS	FLOOR MOUNTED	-	IN-LINE WATER FILTER	ELKAY	LEWF3000	-	-	-	-	-	-	-	1/2"	-	-	-	NON-REFRIGERATED; PROVIDE WITH IN-LINE WATER FILTER AS SUPPLIES
FSSK	MOP SERVICE BASIN	FIAT	TSB-3000	TERAZZO	FLOOR MOUNTED	-	FAUCET	CHICAGO	887-GCP	-	-	-	-	-	-	-	3/4"	3/4"	3"	1 1/2"	PROVIDE SHUTOFF VALVES AND CHECK VALVES IN WATER SUPPLIES
IB-1	ICE MAKER SUPPLY BOX	GUY GRAY	IMB 1	STAINLESS	WALL MOUNTED	WHITE	FAUCET	CHICAGO	420-2805ABCP	POINT-OF-USE TMV	POWERS	LFG480	1/2"	1/2"	1 1/2"	1 1/2"	-	-	-	MANUALLY OPERATED FAUCET; SET TMV OUTLET TEMP AT 105 DEG. F.; SIZE TMV FOR 0.25 GPM.	
L-1H	LAVATORY - ADA	AMERICAN STANDARD	0355.012	VIT. CHINA	WALL MOUNTED	WHITE	FAUCET	CHICAGO	420-2805ABCP	POINT-OF-USE TMV	POWERS	LFG480	1/2"	1/2"	1 1/2"	1 1/2"	-	-	-	MANUALLY OPERATED FAUCET; SET TMV OUTLET TEMP AT 105 DEG. F.; SIZE TMV FOR 0.25 GPM.	
L-2H	LAVATORY - ADA	AMERICAN STANDARD	0355.012	VIT. CHINA	WALL MOUNTED	WHITE	FAUCET	SLOAN	EAF350-ISM-0.5	POINT-OF-USE TMV	POWERS	LFG480	1/2"	1/2"	1 1/2"	1 1/2"	-	-	-	SENSOR OPERATED; BATTERY POWERED FAUCET; SET TMV OUTLET TEMP AT 105 DEG. F.; SIZE TMV FOR 0.25 GPM.	
SH-1	SHOWER ASSEMBLY	CHICAGO	1907-620LCP	STAINLESS	WALL MOUNTED	CHROME	-	-	-	-	-	-	3/4"	3/4"	2"	1 1/2"	-	-	-	-	
SH-1H	SHOWER ASSEMBLY - ADA	CHICAGO	SH-TP1-004204	STAINLESS	WALL MOUNTED	CHROME	-	-	-	-	-	-	3/4"	3/4"	2"	1 1/2"	-	-	-	-	
SK-1H	DOUBLE COMP. SINK - ADA	ELKAY	LRAD3319-5.5	STAINLESS	COUNTERTOP	-	FAUCET	CHICAGO	200-A	-	-	-	1/2"	1/2"	2"	1 1/2"	-	-	-	MANUALLY OPERATED FAUCET	
SK-2	3-COMPARTMENT SINK	ADVANCE TABCO	9-63-64	STAINLESS	FLOOR MOUNTED	-	FAUCET	T & S BRASS	B-0133-01	-	-	-	1/2"	1/2"	2"	2"	-	-	-	MANUALLY OPERATED FAUCET	
SK-3H	SINGLE COMP. SINK - ADA	ELKAY	LRAD1918-5.5	STAINLESS	COUNTERTOP	-	FAUCET	CHICAGO	201-AGN8AE2805FAB	-	-	-	1/2"	1/2"	2"	1 1/2"	-	-	-	MANUALLY OPERATED FAUCET	
SK-4	KITCHEN HAND SINK	ADVANCE TABCO	7-PS-64	STAINLESS	WALL MTD	-	-	-	-	-	-	-	1/2"	1/2"	2"	2"	-	-	-	MANUALLY OPERATED FAUCET	
SK-5H	SINGLE COMPARTMENT UNDERMOUNT SINK - ADA	KOHLER	K-5479-5U	ENAMELED CAST-IRON	UNDERMOUNT	BY ARCH	FAUCET	KOHLER	K-22972	POINT-OF-USE TMV	POWERS	LFG480	1/2"	1/2"	1 1/2"	1 1/2"	-	-	-	MANUALLY OPERATED SINGLE-HOLE FAUCET WITH PULL-DOWN, 3-MODE SPRAY WAND	
UR-1	URINAL	AMERICAN STANDARD	6590.001	VIT. CHINA	WALL MOUNTED	WHITE	FLUSH VALVE	SLOAN	186-0.5	-	-	-	1"	-	-	-	-	-	-	MANUALLY OPERATED FLUSH VALVE	
UR-1H	URINAL - ADA	AMERICAN STANDARD	6590.001	VIT. CHINA	WALL MOUNTED	WHITE	FLUSH VALVE	SLOAN	186-0.5	-	-	-	1"	-	-	-	-	-	-	MANUALLY OPERATED FLUSH VALVE	
WC-1	WATER CLOSET	AMERICAN STANDARD	2257-101	VIT. CHINA	WALL MOUNTED	WHITE	FLUSH VALVE	SLOAN	111-1-28	SEAT	CENTOCO	1500 STSCSS	1 1/2"	4"	2"	-	-	-	-	MANUALLY OPERATED FLUSH VALVE	
WH-1	NON-FREEZE WALL HYDRANT	J.R. SMITH	5509QT	ROUGH BRONZE	WALL MOUNTED	-	-	-	-	-	-	-	3/4"	-	-	-	-	-	-	-	

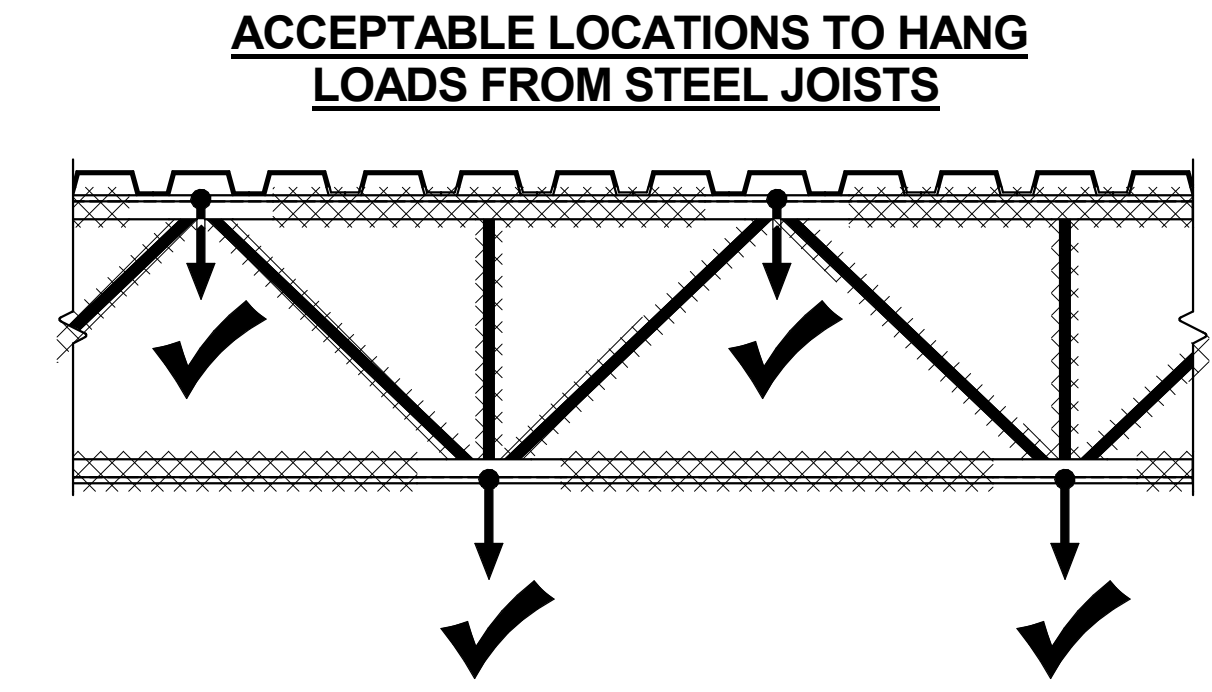
PLUMBING EQUIPMENT SCHEDULE												
MARK	DESCRIPTION	LOCATION	MANUFACTURER/MODEL NUMBER	CAPACITY	REMARKS	ELECTRICAL DATA					COMMENTS	
						HP	KW	V	AMP	PH		
BFP-1	REDUCED PRESSURE PRINCIPLE BACKFLOW PREVENTER NO. 1 (BOILER MAKE-UP WATER)	MECH. ROOM	WATTS MODEL NO. 009M2QT (1 1/4" SIZE)	35 GPM @ 14 PSI DROP MAX.	EXTEND OUTLET PIPING TO HVAC BOILER MAKE-UP WATER CONNECTION	-	-	-	-	-	-	-
DWBP-1	DUPLEX DOMESTIC WATER BOOSTER PUMP	MECH. ROOM	BELL & GOSSET - TECHNOFORCE e-MT MODEL 15SV3GHF60	160 GPM (80 GPM EA.) @ 145 PSI T.D.H. - 90 PSI DISCHARGE PRESSURE	4" HEADER	7.5	-	480	23	3	-	-
GI-1	FLOOR MOUNTED GREASE INTERCEPTOR	CONCESSIONS AREA	SCHIER MODEL GB2	GREASE: 127 LBS. (17.3 GAL.) @ 50 GPM; 1.8 GAL. SOLIDS	3" INLET - 3" OUTLET	-	-	-	-	-	-	BUILT-IN FLOW CONTROL; INTEGRAL AIR RELIEF; MOUNT ON FINISHED FLOOR
SP-1	ELEVATOR SUMP PUMP	ELEVATOR PIT	STANCOR OIL MINDER PUMP MODEL NO. SE50	50 GPM @ 22' T.D.H.	PROVIDE OIL DETECTION ALARM SYSTEM WITH PUMP	0.5	-	115	8	1	-	PROVIDE A MAGNETIC CONTACTOR TO ACCOMMODATE CONNECTION TO BUILDING AUTOMATION SYSTEM; REFER TO DIVISION 23 SPECIFICATION SECTION 23 09 93 FOR MORE INFORMATION.



**1 EXTERIOR CLEANOUT DETAIL**  
N.T.S.

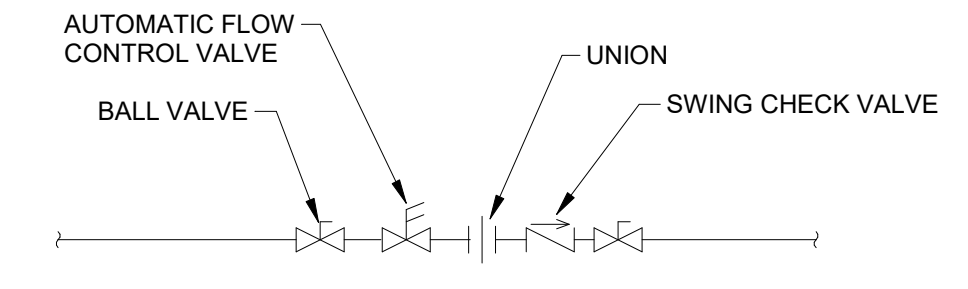


**2 GAS DIRT LEG PIPING DETAIL (WITH PRESSURE REGULATOR)**  
N.T.S.

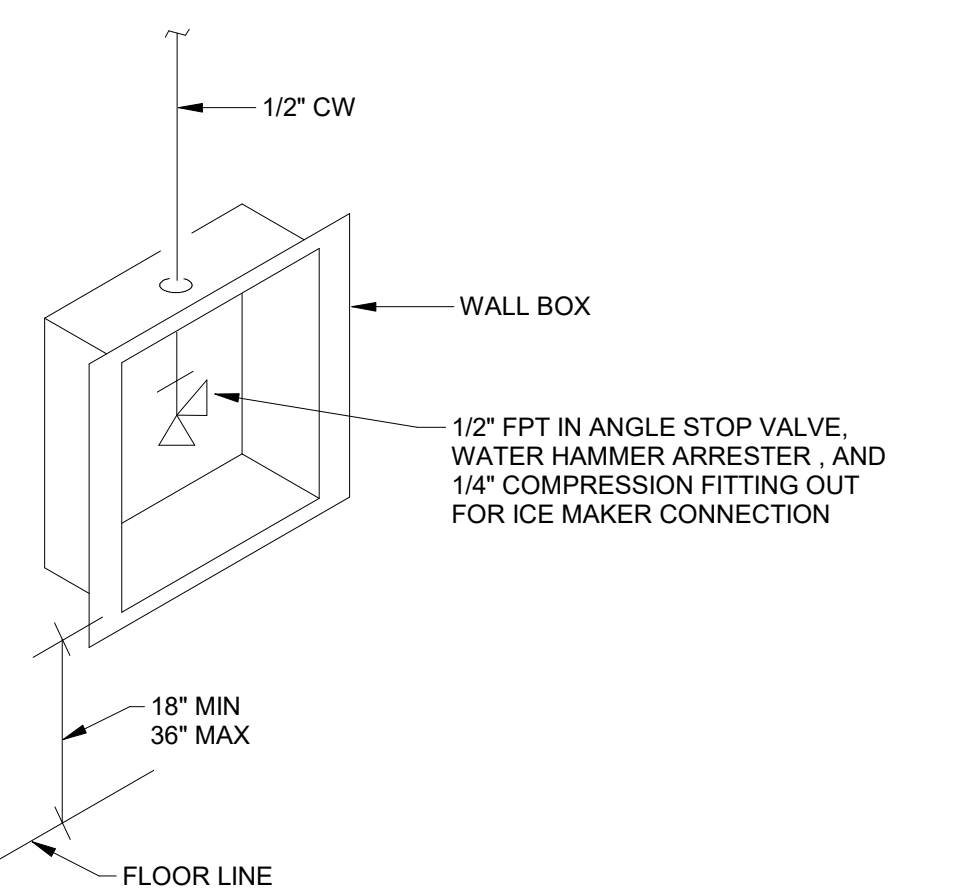


- LOADS IN EXCESS OF 100 LBS ARE ONLY TO BE HUNG FROM STEEL JOISTS AT THE LOCATIONS INDICATED WITH A CHECKMARK.
- DO NOT HANG LOADS IN EXCESS OF 100 LBS FROM LOCATIONS AND/OR MEMBERS INDICATED WITH DIAGONAL HATCHING UNLESS ADDITIONAL REINFORCING ANGLES ARE INSTALLED PER THE STRUCTURAL DRAWINGS.
- LOADS LESS THAN 100 LBS MAY BE HUNG ANYWHERE ALONG THE HORIZONTAL MEMBERS. DO NOT HANG ANY LOADS FROM THE DIAGONAL NOR VERTICAL MEMBERS.
- THIS SECTION APPLIES TO LOADS HANGING FROM BOTH NEW AND EXISTING JOISTS.
- SPACE HANGERS OUT SO THAT NOT ALL LOADS ARE HANGING FROM THE SAME JOIST.

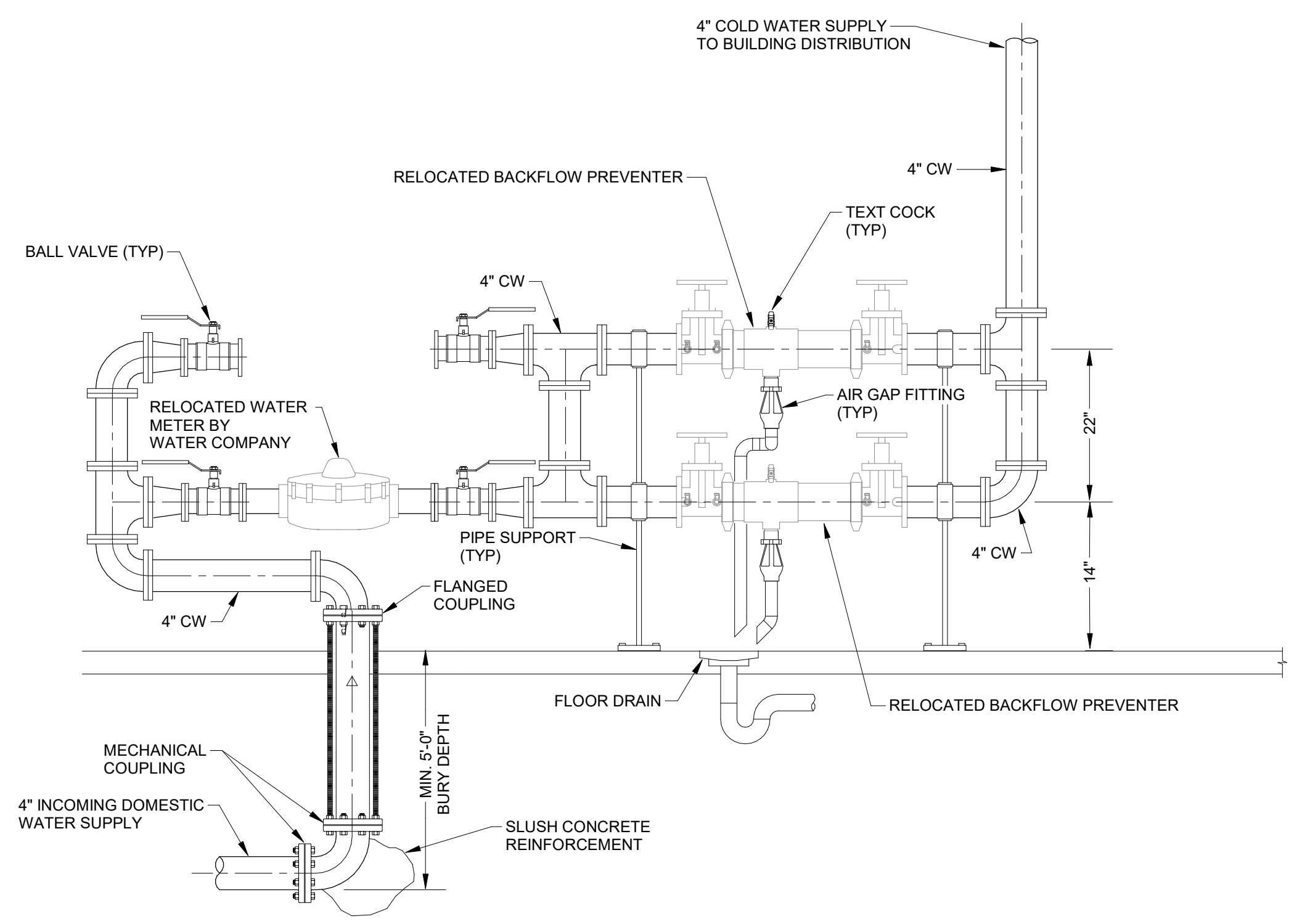
**3 HANGING FROM JOIST DETAIL**  
N.T.S.



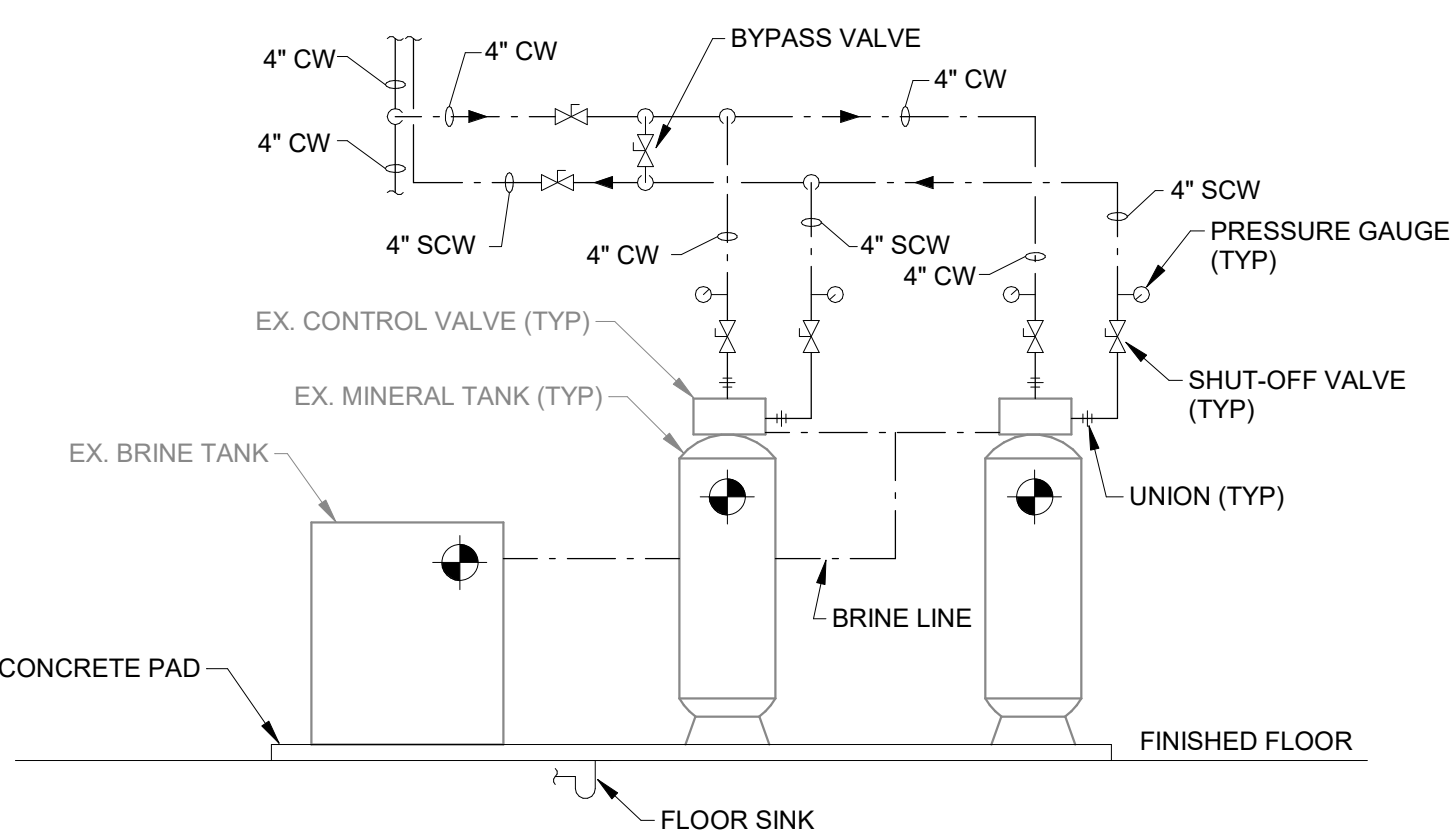
**4 HWR BALANCING STATION DETAIL**  
N.T.S.



**5 ICE MAKER BOX DETAIL**  
N.T.S.



**6 WATER METER & BACKFLOW PREVENTER ASSEMBLY DETAIL**  
N.T.S.



NOTE: MINERAL TANKS AND BRINE TANK TO BE RELOCATED FROM EXISTING BOILER ROOM TO NEW MECHANICAL ROOM. SEE PLANS FOR MORE INFORMATION.

**7 DUPLEX WATER SOFTENER DETAIL**  
N.T.S.

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: JE  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	08-23-2024

PLUMBING SCHEDULES AND DETAILS

# P3.01





# 222154.02 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E Main Street, Carmel, IN 46033  
317-844-9961

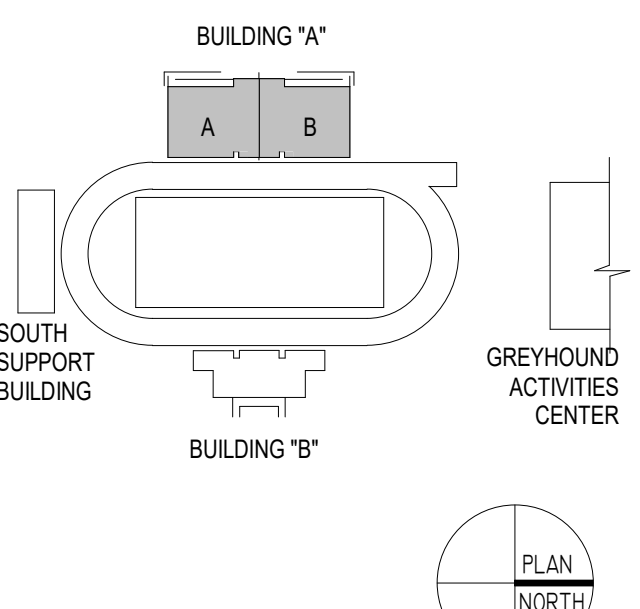


ARCHITECT



317-848-0966

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### KEY PLAN

### CONSTRUCTION DOCUMENTS



DRAWN BY: DRV  
PROJECT NUMBER: 222154.02  
PROJECT ISSUE DATE: 7-26-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-22-24

### FIRST FLOOR MECHANICAL PLAN

# M2.01

ROOM LEGEND - FIRST FLOOR BUILDING A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	256 SF
A102	EQUIPMENT	806 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	78 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	399 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKERS	88 SF
A110	LOCKER ROOM	1149 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	96 SF
A114	ELECTRICAL	239 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	528 SF
A117	OFFICE	111 SF
A118	STORAGE	29 SF
A119	WOMEN	79 SF
A120	WOMEN'S OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR HALLWAY	528 SF
A124	COACHES	809 SF
A125	FIRE PUMP	160 SF
A126	WOMEN'S OFFICIALS/ MANAGERS	153 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	236 SF
A129	TRAINING	895 SF
A130	CLINIC	142 SF

ROOM LEGEND - FIRST FLOOR BUILDING A		
ROOM NO.	ROOM NAME	AREA (SF)
A131	RECOVERY	163 SF
A133	STORAGE	102 SF
A134	ELEV. EQPT.	50 SF
A135	IT/DATA CLOSET	48 SF
A136	STUDENT COMMONS	796 SF
A137	HALLWAY	1501 SF
A138	OFFICE	163 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

ROOM LEGEND - FIRST FLOOR BUILDING B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	MEETING AREA	2377 SF
B102	MECHANICAL	966 SF
B107	VESTIBULE	75 SF
B108	FILM	191 SF
B109	CLASSROOM	744 SF
B110	RESTROOM	42 SF
B111	RESTROOM	42 SF
B112	EQUIP. STORAGE	159 SF
B113	MECHANICAL	285 SF
B114	LOCKER ROOM	2752 SF
B115	SHOWERS	95 SF
B116	RESTROOM	264 SF
B117	RESTROOM	101 SF
B118	COACHES LOCKER	187 SF
B119	HEAD COACH OFFICE	230 SF
B120	STORAGE	109 SF
B121	VESTIBULE	111 SF
B122	ICE ROOM	93 SF
B123	CUSTOMER SERVICE	79 SF
B124	PASSAGE	50 SF
B125	HALLWAY	63 SF
B126	TABLE STORAGE	225 SF

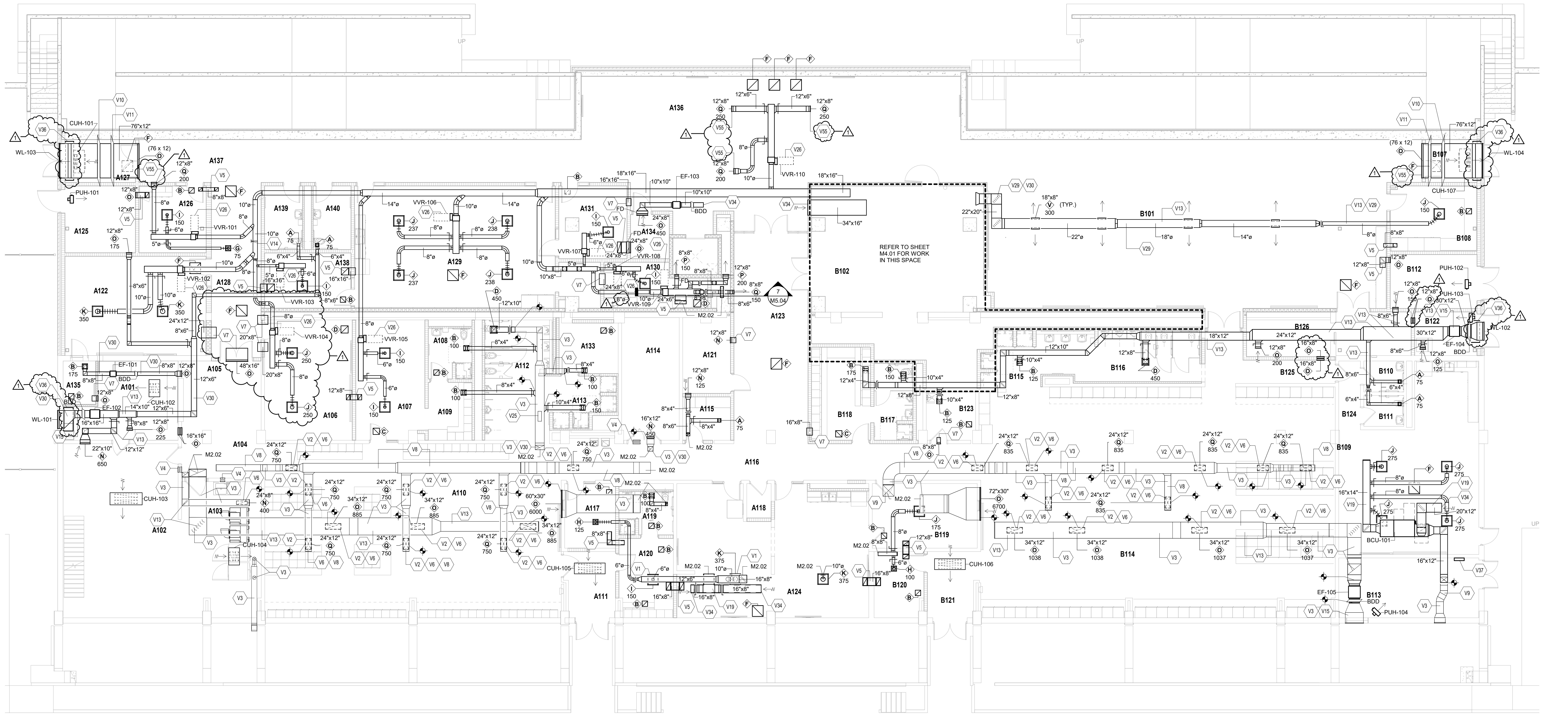
### VENTILATION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- | NO. | DESCRIPTION  | NO. | DESCRIPTION  |
|-----|--|-----|--|
| V1  | PROVIDE VOLUME DAMPER IN VERTICAL DUCTWORK TO AIR DEVICE.  | V14 | APPROXIMATE LOCATION OF THE DUCT STATIC PRESSURE SENSOR. DUCT STATIC PRESSURE SENSOR PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR. |
| V2  | AIR DEVICE PROVIDED WITH FACTORY MOUNTED VOLUME DAMPER.  | V15 | EXHAUST DUCTWORK FROM EXHAUST FAN TO WALL LOUVER SHALL BE PROVIDED WITH WRAPPED INSULATION.  |
| V3  | CLEAN EXISTING DUCTWORK. AIR DEVICES AND ACCESSORIES PER SPECIFICATIONS.   | V19 | DUCTWORK PROVIDED WITH INTERNAL LINED INSULATION.  |
| V4  | CLEAN EXISTING AIR DEVICES AND ACCESSORIES PER SPECIFICATIONS.   | V25 | CAP EXISTING DUCT AT APPROXIMATE LOCATION.   |
| V5  | ACOUSTICALLY LINED AIR TRANSFER SOUND TRAP. EXTEND DUCTWORK UP TO PROVIDE NO LINE OF SIGHT FROM OPENING TO OPENING.  | V26 | DASHED LINE INDICATES APPROXIMATE CLEARANCE REQUIRED IN FRONT OF UNIT CONTROL PANEL. COORDINATE LOCATION WITH ALL TRADES.            |
| V6  | CONNECT NEW GRILLE TO THE EXISTING DUCTWORK. MAKE ADJUSTMENTS AS REQUIRED.   | V29 | PROVIDE DOUBLE WALL INSULATED DUCTWORK.  |
| V7  | AIR TRANSFER WALL OPENING LOCATED ABOVE CEILING. COORDINATE EXACT LOCATION WITH ALL TRADES.  | V30 | PAINT EXPOSED DUCTWORK TO COLOR SELECTED BY ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK.      |
| V8  | INSULATE EXISTING SUPPLY DUCTWORK WITH INSULATION BOARD AND COVER WITH PVC JACKET. PVC JACKET COLOR TO BE SELECTED BY THE ARCHITECT.                                 | V34 | END OF DUCT OPEN TO THE PLENUM SPACE ABOVE THE CEILING. OPENING TO BE PROTECTED WITH BIRD SCREEN.                                    |
| V9  | INSULATE EXISTING DUCTWORK WITH WRAPPED INSULATION.  | V36 | PROVIDE DRIP PAN UNDER WALL LOUVER. DRIP PAN SHALL EXTEND A MINIMUM OF 6" BEYOND DUCTWORK.   |
| V10 | RELIEF CONTROL DAMPER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.   | V37 | APPROXIMATE LOCATION OF NEW TEMPERATURE CONTROL PANEL(S). COORDINATE EXACT LOCATION WITH ALL TRADES.                                 |
| V11 | BAROMETRIC GRAVITY RELIEF BACKRAFT DAMPER MOUNTED VERTICALLY IN DUCTWORK.  | V55 | PAINT AIR DEVICE TO COLOR SELECTED BY THE ARCHITECT. COORDINATE WITH DIVISION 5.   |
| V13 | EXPOSED DUCTWORK AND ASSOCIATED AIR DEVICES TO BE PAINTED. COORDINATE COLOR WITH ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK. |     |  |

### VENTILATION PLAN GENERAL NOTES

- ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
- REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
- ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS REQUIRING ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
- SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
- MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES. SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT. ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
- PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
- INSTALL WALL THERMISTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 4' ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
- COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
- COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT.
- PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
- ALL RETURN/EXHAUST AIR DUCT ABOVE CEILING SHALL BE MADE OF ALUMINUM IN ACCORDANCE WITH SMACNA REQUIREMENTS.
- COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND EQUIPMENT PLANS. DIFFUSER/GRILLES TO BE CENTERED IN CEILING PADS.
- MAIN SUPPLY AIR DUCTWORK TO BE MEDIUM PRESSURE RATED PER SMACNA REQUIREMENTS FROM AIR HANDLING UNITS TO TERMINAL UNITS. DUCTWORK BRANCHES FROM TERMINAL UNITS TO AIR DEVICES SHALL BE LOW PRESSURE RATED PER SMACNA REQUIREMENTS.
- VAV BOXES SHALL BE INSTALLED SUCH THAT NO PIPING, DUCTWORK, HANGERS, FIRE PROTECTION, ETC. SHALL BE INSTALLED WITHIN 36" OF THE CONTROL PANEL. THE UNIT SHALL NOT BE INSTALLED DIRECTLY ABOVE LIGHT FIXTURE OR CEILING TILE WITH SPEAKER, OCCUPANCY SENSOR, FIRE SPRINKLER, ETC.
- ALL VAV TERMINAL UNITS, MSCU, BCU, FIRE DAMPERS, SMOKE DAMPER, AND INLINE EXHAUST FANS SHALL BE INSTALLED WITHIN TWO FEET OF THE CEILING FOR MAINTENANCE ACCESS.
- COORDINATE WALL MOUNTED DIFFUSER LOCATIONS WITH ARCHITECTURAL INTERIOR ELEVATIONS.
- COORDINATE WALL LOUVER LOCATIONS WITH ARCHITECTURAL EXTERIOR ELEVATIONS.



**BUILDING A - FIRST FLOOR MECHANICAL PLAN**  
SCALE: 1/8" = 1'-0"

### VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

# 222154.02 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E Main Street, Carmel, IN 46033  
317-844-9961

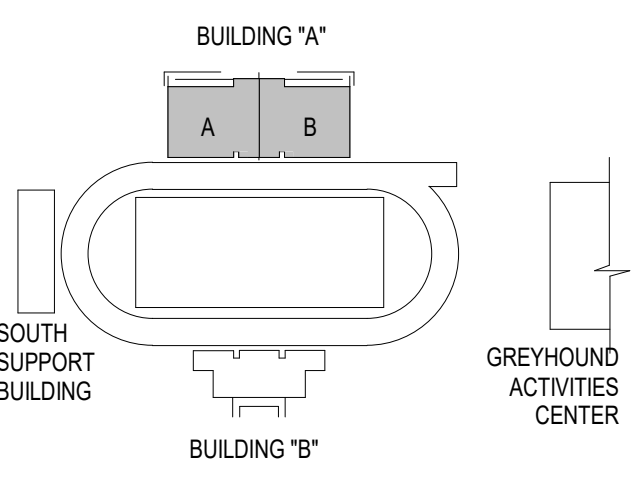


ARCHITECT



317-848-0966

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### KEY PLAN

### CONSTRUCTION DOCUMENTS



DRAWN BY: DRV  
PROJECT NUMBER: 222154.02  
PROJECT ISSUE DATE: 7-26-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-22-24

### SECOND FLOOR MECHANICAL PLAN

# M2.02

ROOM LEGEND - SECOND FLOOR BUILDING A		
ROOM NO.	ROOM NAME	AREA (SF)
A201	MECH. MEZZANINE	280 SF
A202	CONCESSIONS	581 SF
A203	MECHANICAL	838 SF
A204	WOMENS BATHROOM	874 SF
A205	FAMILY RESTROOM A205	82 SF
A206	STORAGE	180 SF
A207	SPIRIT SHOP	634 SF
A208	CONCOURSE	3943 SF
A209	ELE. LOBBY	67 SF

ROOM LEGEND - SECOND FLOOR BUILDING B		
ROOM NO.	ROOM NAME	AREA (SF)
B201	STORAGE	183 SF
B202	FAMILY	82 SF
B203	MENS BATHROOM	745 SF
B204	CUSTODIAL	80 SF
B205	CONCESSIONS	581 SF
B206	CONCOURSE	4177 SF

### VENTILATION PLAN NOTES

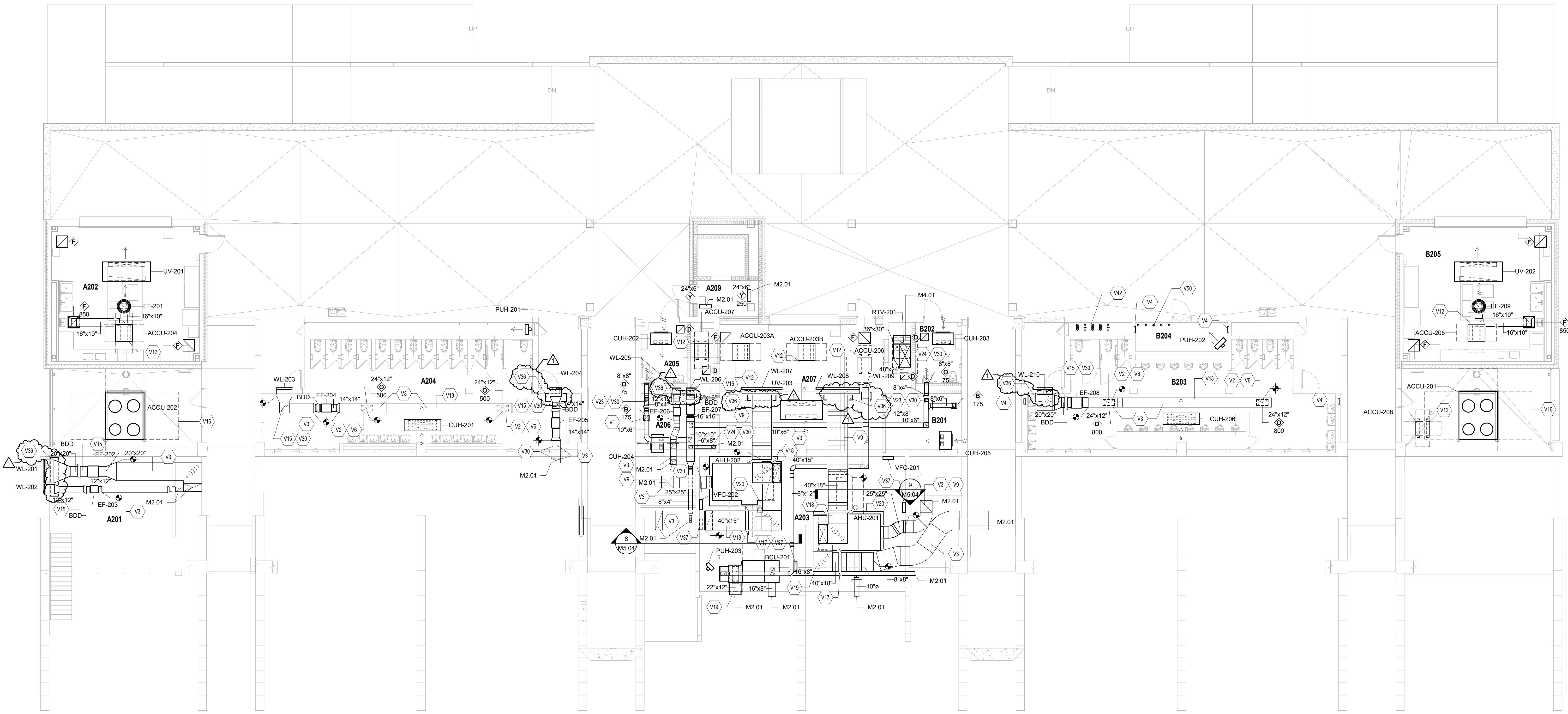
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

- | NO. | DESCRIPTION  |
|-----|--|
| V1  | PROVIDE VOLUME DAMPER IN VERTICAL DUCTWORK TO AIR DEVICE.  |
| V2  | AIR DEVICE PROVIDED WITH FACTORY MOUNTED VOLUME DAMPER.  |
| V3  | CLEAN EXISTING DUCTWORK, AIR DEVICES AND ACCESSORIES PER SPECIFICATIONS.   |
| V4  | CLEAN EXISTING AIR DEVICES AND ACCESSORIES PER SPECIFICATIONS.   |
| V6  | CONNECT NEW GRILLE TO THE EXISTING DUCTWORK. MAKE ADJUSTMENTS AS REQUIRED.   |
| V9  | INSULATE EXISTING DUCTWORK WITH WRAPPED INSULATION.  |
| V12 | INSTALL OUTDOOR CONDENSING UNIT ON EQUIPMENT SUPPORT RAILS AND VIBRATION ISOLATION PADS.   |
| V13 | EXPOSED DUCTWORK AND ASSOCIATED AIR DEVICES TO BE PAINTED. COORDINATE COLOR WITH ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK. |
| V15 | EXHAUST DUCTWORK FROM EXHAUST FAN TO WALL LOUVER SHALL BE PROVIDED WITH WRAPPED INSULATION.  |
| V16 | INSTALL OUTDOOR CONDENSING UNIT ON STRUCTURAL STEEL SUPPORT FRAME WITH VIBRATION ISOLATORS.  |
| V17 | RETURN AIR CONTROL DAMPER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.   |
| V18 | OUTSIDE AIR CONTROL DAMPER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.  |

- | NO. | DESCRIPTION  |
|-----|--|
| V19 | DUCTWORK PROVIDED WITH INTERNAL LINED INSULATION.  |
| V20 | INSTALL EQUIPMENT ON 3 1/2" HIGH CONCRETE HOUSEKEEPING PAD.  |
| V23 | DUCTWORK TO BE ROUTED THROUGH CEILING AT THIS APPROXIMATE LOCATION. PROVIDE ESCUTCHEON AT DUCT/CEILING PENETRATION. COORDINATE EXACT LOCATION WITH ALL TRADES.               |
| V24 | DUCTWORK TO BE ROUTED THROUGH CEILING AND FLOOR BELOW AT THIS APPROXIMATE LOCATION. PROVIDE ESCUTCHEON AT DUCT/FLOOR PENETRATION. COORDINATE EXACT LOCATION WITH ALL TRADES. |
| V30 | PAINT EXPOSED DUCTWORK TO COLOR SELECTED BY ARCHITECT/ENGINEER. CLEAN AND PREPARE DUCTWORK TO ENSURE PAINT ADHERES TO DUCTWORK.  |
| V36 | PROVIDE DRIP PAN UNDER WALL LOUVER. DRIP PAN SHALL EXTEND A MINIMUM OF 6" BEYOND DUCTWORK.   |
| V37 | APPROXIMATE LOCATION OF NEW TEMPERATURE CONTROL PANEL(S). COORDINATE EXACT LOCATION WITH ALL TRADES.   |
| V42 | BOILER FLUE PIPING. REFER TO M4.01 DRAWING.  |
| V50 | BOILER INTAKE PIPING. REFER TO M4.01 DRAWING.  |

### VENTILATION PLAN GENERAL NOTES

- ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
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- ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
- PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
- INSTALL WALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 4' ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
- COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
- COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT.
- PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
- ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUMINUM IN ACCORDANCE WITH SMACNA REQUIREMENTS.
- COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND EQUIPMENT PLANS. DIFFUSER/GRILLES TO BE CENTERED IN CEILING PADS.
- MAIN SUPPLY AIR DUCTWORK TO BE MEDIUM PRESSURE RATED PER SMACNA REQUIREMENTS FROM AIR HANDLING UNITS TO TERMINAL UNITS. DUCTWORK BRANCHES FROM TERMINAL UNITS TO AIR DEVICES SHALL BE LOW PRESSURE RATED PER SMACNA REQUIREMENTS.
- VAV BOXES SHALL BE INSTALLED SUCH THAT NO PIPING, DUCTWORK, HANGERS, FIRE PROTECTION, ETC. SHALL BE INSTALLED WITHIN 30" OF THE CONTROL PANEL. THE UNIT SHALL NOT BE INSTALLED DIRECTLY ABOVE LIGHT FIXTURE OR CEILING TILE WITH SPEAKER, OCCUPANCY SENSOR, FIRE SPRINKLER, ETC.
- ALL VAV TERMINAL UNITS, MSCU, BCU, FIRE DAMPERS, SMOKE DAMPER, AND INLINE EXHAUST FANS SHALL BE INSTALLED WITHIN TWO FEET OF THE CEILING FOR MAINTENANCE ACCESS.
- COORDINATE WALL MOUNTED DIFFUSER LOCATIONS WITH ARCHITECTURAL INTERIOR ELEVATIONS.
- COORDINATE WALL LOUVER LOCATIONS WITH ARCHITECTURAL EXTERIOR ELEVATIONS.



### BUILDING A - SECOND FLOOR MECHANICAL PLAN

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

### VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

- A. ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
- B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
- C. ARRANGE DUCTWORK, PIPING, ETC., TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
- D. SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR.
- E. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT.
- F. ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS.
- G. PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER.
- H. INSTALL WALL THERMOSTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 4' ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS.
- I. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.
- J. COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT.
- K. PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN.
- L. ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUMINUM IN ACCORDANCE WITH SMACNA REQUIREMENTS.
- M. COORDINATE DIFFUSER AND GRILLE LOCATIONS WITH ARCHITECTURAL REFLECTED CEILING PLANS AND EQUIPMENT PLANS. DIFFUSER/GRILLES TO BE CENTERED IN CEILING PADS.
- N. MAIN SUPPLY AIR DUCTWORK TO BE MEDIUM PRESSURE RATED PER SMACNA REQUIREMENTS FROM AIR HANDLING UNITS TO TERMINAL UNITS. DUCTWORK BRANCHES FROM TERMINAL UNITS TO AIR DEVICES SHALL BE LOW PRESSURE RATED PER SMACNA REQUIREMENTS.
- O. VAV BOXES SHALL BE INSTALLED SUCH THAT NO PIPING, DUCTWORK, HANGERS, FIRE PROTECTION, ETC. SHALL BE INSTALLED WITHIN 30" OF THE CONTROL PANEL. THE UNIT SHALL NOT BE INSTALLED DIRECTLY ABOVE LIGHT FIXTURE OR CEILING TILE WITH SPEAKER, OCCUPANCY SENSOR, FIRE SPRINKLER, ETC.
- P. ALL VAV TERMINAL UNITS, MISCU, BCU, FIRE DAMPERS, SMOKE DAMPER, AND INLINE EXHAUST FANS SHALL BE INSTALLED WITHIN TWO FEET OF THE CEILING FOR MAINTENANCE ACCESS.
- Q. COORDINATE WALL MOUNTED DIFFUSER LOCATIONS WITH ARCHITECTURAL INTERIOR ELEVATIONS.
- R. COORDINATE WALL LOUVER LOCATIONS WITH ARCHITECTURAL EXTERIOR ELEVATIONS.

# 222154.02 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

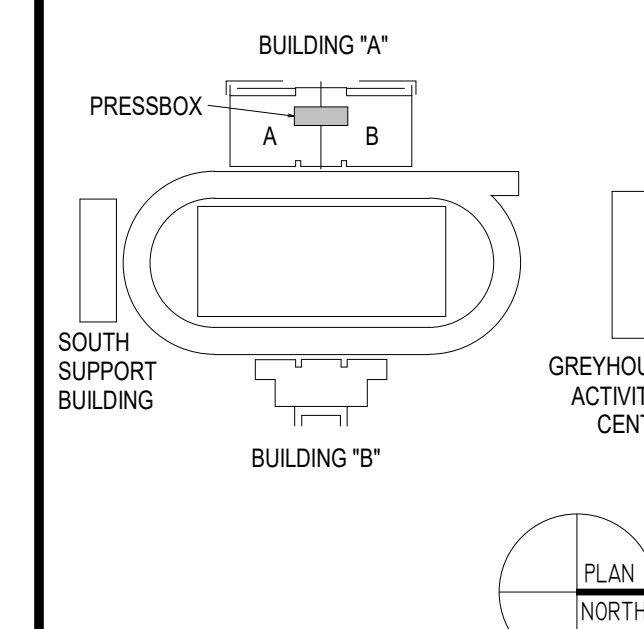
5201 E. Main Street, Carmel, IN 46033  
317-844-9961



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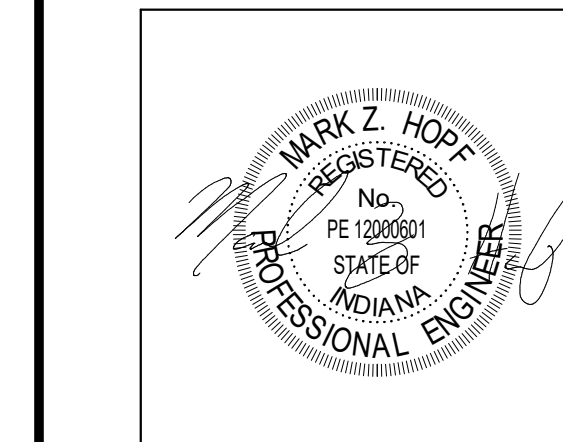


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### KEY PLAN

### CONSTRUCTION DOCUMENTS



DRAWN BY: DRV  
PROJECT NUMBER: 222154.02  
PROJECT ISSUE DATE: 7-25-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-22-24

### LEVEL 1 & LEVEL 2 - PRESS BOX MECHANICAL PLAN

# M2.03

### VENTILATION PLAN NOTES

(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

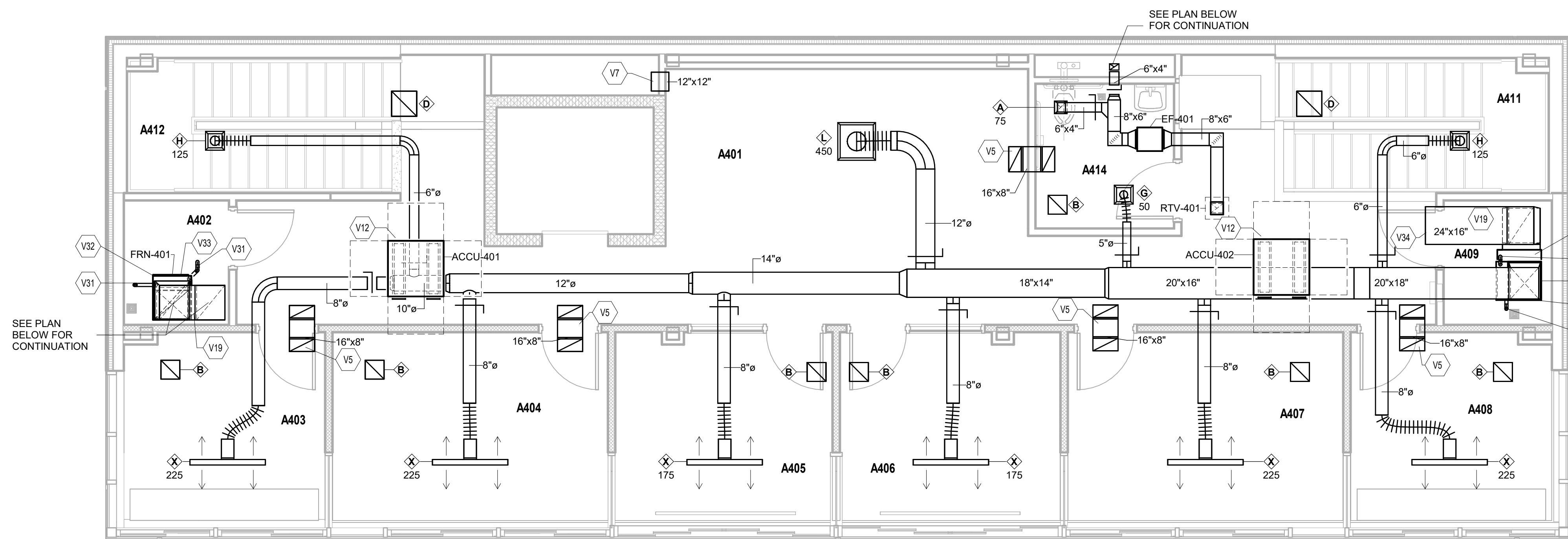
- NO.** **DESCRIPTION**
- V5 ACoustically LINED AIR TRANSFER SOUND TRAP. EXTEND DUCTWORK UP TO PROVIDE NO LINE OF SIGHT FROM OPENING TO OPENING.
- V7 AIR TRANSFER WALL OPENING LOCATED ABOVE CEILING. COORDINATE EXACT LOCATION WITH ALL TRADES.
- V12 INSTALL OUTDOOR CONDENSING UNIT ON EQUIPMENT SUPPORT RAILS AND VIBRATION ISOLATION PADS.
- V19 DUCTWORK PROVIDED WITH INTERNAL LINED INSULATION.
- V31 INSTALL FURNACE FLUE AND COMBUSTION AIR VENT THROUGH ROOF. SIZE AND INSTALLATION TO BE PER MANUFACTURERS REQUIREMENTS. WHERE POSSIBLE, PROVIDE CONCENTRIC VENT THROUGH ROOF.
- V32 PROVIDE FILTER BOX HORIZONTAL IN VERTICAL RETURN AIR DUCT ABOVE FURNACE.
- V33 PLACE FURNACE ON PLENUM BOX FOR DOWNFLOW DUCT CONNECTION.
- V34 END OF DUCT OPEN TO THE PLENUM SPACE ABOVE THE CEILING. OPENING TO BE PROTECTED WITH BIRD SCREEN.
- V40 APPROXIMATE LOCATION OF FURNACE FILTER BOX.
- V41 PLACE FURNACE ON MANUFACTURER PROVIDED FURNACE RISER AND ISOLATION PADS.
- V55 PAINT AIR DEVICE TO COLOR SELECTED BY THE ARCHITECT. COORDINATE WITH DIVISION 9.

### ROOM LEGEND - PRESS BOX LEVEL 2

ROOM NO.	ROOM NAME	AREA (SF)
A401	COMMONS	588 SF
A402	MECHANICAL	37 SF
A403	C.H.T.V	107 SF
A404	COACHES	147 SF
A405	CAMERA	115 SF
A406	CAMERA	117 SF
A407	COACHES	147 SF
A408	W.H.J.E	113 SF
A409	MECHANICAL	38 SF
A411	STAIRS	100 SF
A412	STAIRS	101 SF
A414	RESTROOM	56 SF

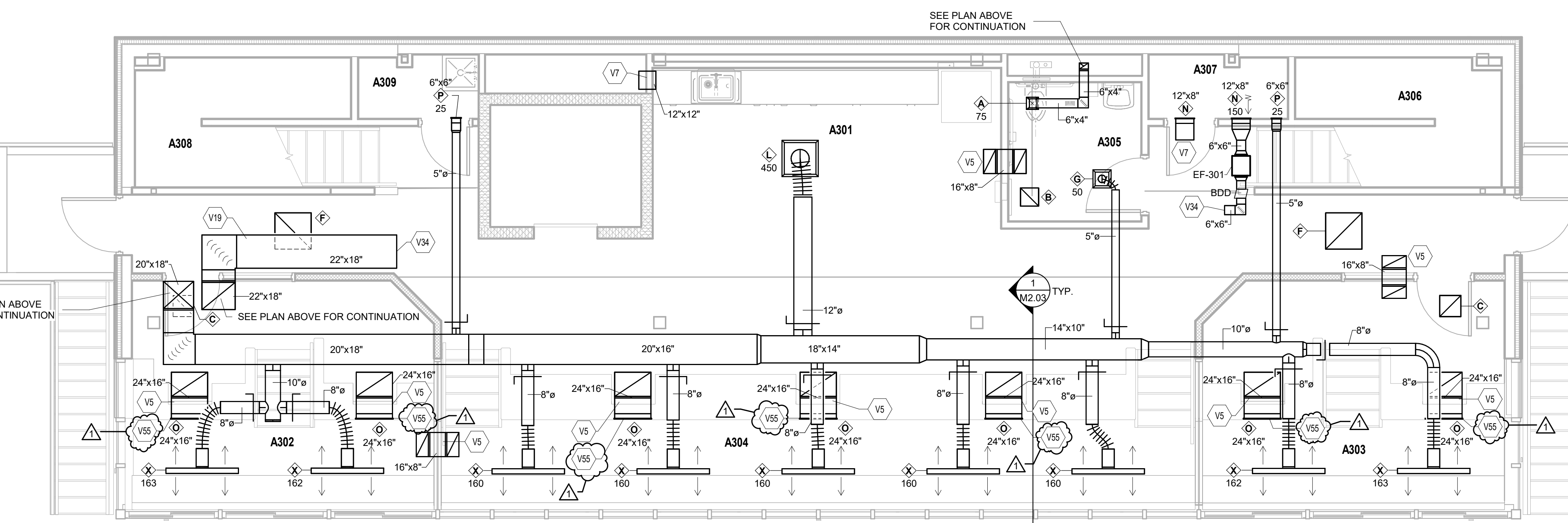
### ROOM LEGEND - PRESS BOX LEVEL 1

ROOM NO.	ROOM NAME	AREA (SF)
A301	COMMONS	436 SF
A302	BROADCAST MEDIA	203 SF
A303	SCOREBOARD AND PA	204 SF
A304	MEDIA SEATING	525 SF
A305	RESTROOM	56 SF
A306	STAIRS	105 SF
A307	IDF	26 SF
A308	STAIRS	105 SF
A309	CLOSET	23 SF



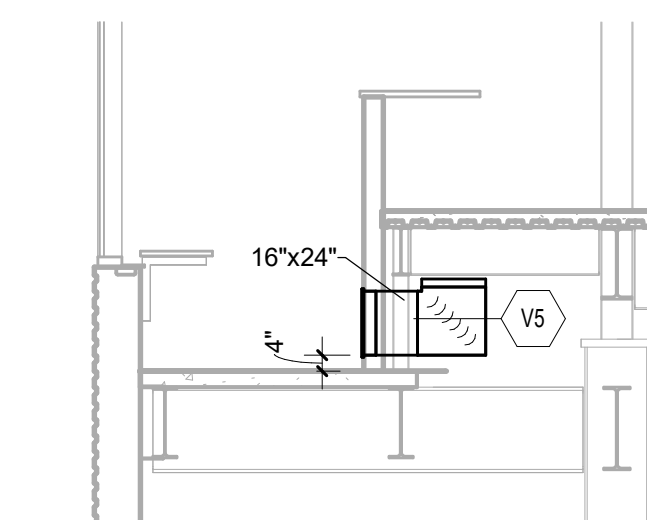
### PRESS BOX LEVEL 2 - MECHANICAL PLAN BUILDING A

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



### PRESS BOX LEVEL 1 - MECHANICAL PLAN BUILDING A

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



### 1 SECTION

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

### VERIFICATION NOTE

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# 222154.02 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

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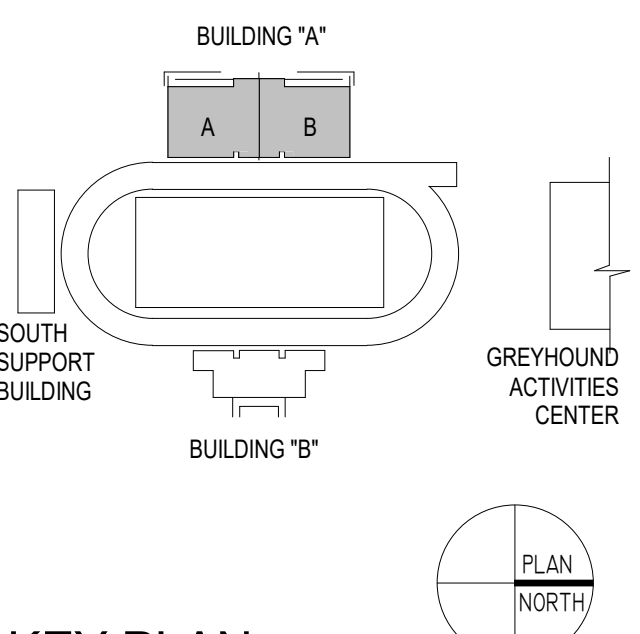


ARCHITECT



317-848-0966

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### KEY PLAN

### CONSTRUCTION DOCUMENTS



DRAWN BY: DRV  
PROJECT NUMBER: 222154.02  
PROJECT ISSUE DATE: 7-26-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-22-24

### FIRST FLOOR HVAC PIPING PLAN - BUILDING A

# M3.01

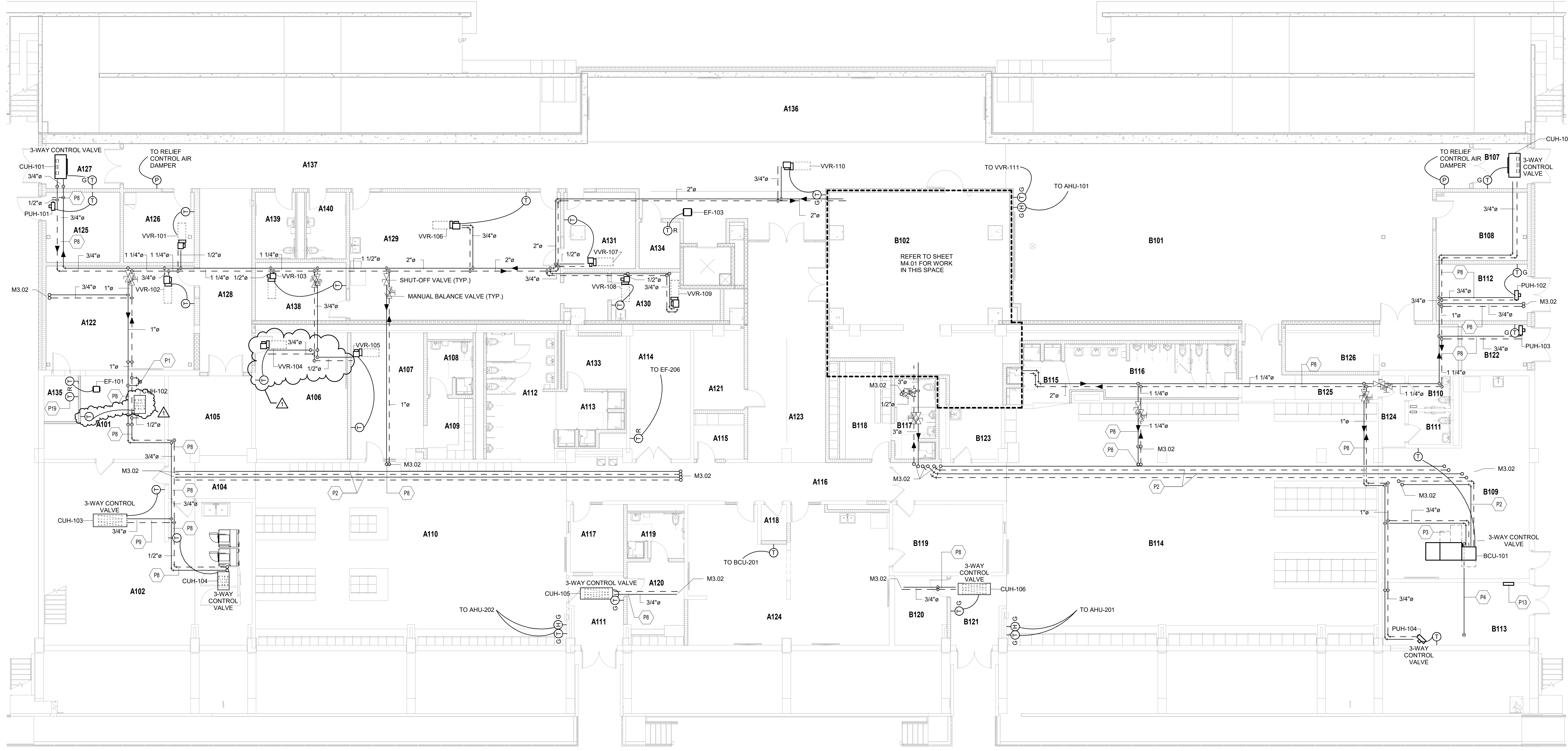
ROOM LEGEND - FIRST FLOOR BUILDING A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	256 SF
A102	EQUIPMENT	806 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	78 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	358 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKERS	88 SF
A110	LOCKER ROOM	1749 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	96 SF
A114	ELECTRICAL	239 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	528 SF
A117	OFFICE	111 SF
A118	STORAGE	29 SF
A119	WOMEN	78 SF
A120	WOMEN'S/OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR/HALLWAY	528 SF
A124	COACHES	809 SF
A125	FIRE PUMP	160 SF
A126	WOMEN'S/OFFICIALS/MANAGERS	153 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	296 SF
A129	TRAINING	895 SF
A130	CLINIC	142 SF

ROOM LEGEND - FIRST FLOOR BUILDING A		
ROOM NO.	ROOM NAME	AREA (SF)
A131	RECOVERY	163 SF
A133	STORAGE	102 SF
A134	ELEV. EOP	59 SF
A135	IT/DATA CLOSET	48 SF
A136	STUDENT COMMONS	796 SF
A137	HALLWAY	1507 SF
A138	OFFICE	163 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

ROOM LEGEND - FIRST FLOOR BUILDING B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	MEETING AREA	2377 SF
B102	MECHANICAL	966 SF
B107	VESTIBULE	75 SF
B108	FILM	191 SF
B109	CLASSROOM	744 SF
B110	RESTROOM	42 SF
B111	RESTROOM	42 SF
B112	EQUIP. STORAGE	159 SF
B113	MECHANICAL	285 SF
B114	LOCKER ROOM	2752 SF
B115	SHOWERS	95 SF
B116	RESTROOM	264 SF
B117	RESTROOM	101 SF
B118	COACHES' LOCKER	187 SF
B119	HEAD COACH OFFICE	230 SF
B120	STORAGE	109 SF
B121	VESTIBULE	111 SF
B122	ICE ROOM	93 SF
B123	CUSTODIAL	79 SF
B124	PASSAGE	50 SF
B125	HALLWAY	63 SF
B126	TABLE STORAGE	225 SF

- HVAC PIPING PLAN NOTES  
(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- NO. DESCRIPTION**
- P1 DIFFERENTIAL PRESSURE TRANSMITTER FOR HEATING WATER VARIABLE VOLUME PUMP CONTROL TRANSMITTER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.
  - P2 INSULATED REFRIGERANT PIPING FROM OUTDOOR CONDENSING UNIT TO INDOOR UNIT. PIPE SIZES AND SPECIALTIES SHALL BE PER MANUFACTURERS REQUIREMENTS. COVER EXPOSED PIPING WITH PVC JACKET.
  - P3 UNIT MANUFACTURERS REQUIRED CLEARANCES. SIZE REQUIREMENTS MAY VARY BY UNIT MANUFACTURER AND IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE ALL REQUIREMENTS FOR PROVIDED EQUIPMENT.
  - P4 INSULATED COPPER CONDENSATE DRAIN PIPING WITH WATER-SEAL TRAP FROM UNIT TO EXISTING FLOOR DRAIN. CUT END OF PIPE AT A 45 DEGREE ANGLE. CONDENSATE DRAIN PIPING AND TRAP SIZED PER MANUFACTURERS REQUIREMENTS.
  - P8 COVER EXPOSED PIPING INSULATION WITH PVC JACKET.
  - P9 ROUTE HEATING WATER PIPING THROUGH BETWEEN EXISTING STRUCTURAL STEEL AND ABOVE THE CEILING. COORDINATE EXACT LOCATION WITH EXISTING CONDITIONS AND WITH ALL TRADES.
  - P13 APPROXIMATE LOCATION OF TEMPERATURE CONTROL PANELS. COORDINATE EXACT LOCATION WITH ALL TRADES.
  - P19 TEMPERATURE SENSOR PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR TO MONITOR/ALARM SPACE TEMPERATURE.

- HVAC PIPING PLAN GENERAL NOTES
- A. ALL PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
  - B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
  - C. ARRANGE PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
  - D. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT. HYDRONIC SUPPLY AND RETURN PIPING SHALL BE THE SAME SIZE AS THE CONDENSATE DRAIN.
  - E. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.



**BUILDING A - FIRST FLOOR HVAC PIPING PLAN**  
SCALE: 1/8" = 1'-0"

**VERIFICATION NOTE**  
CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

ROOM LEGEND - SECOND FLOOR BUILDING A		
ROOM NO.	ROOM NAME	AREA (SF)
A201	MECH. MEZZANINE	280 SF
A202	CONCESSIONS	581 SF
A203	MECHANICAL	436 SF
A204	WOMENS BATHROOM	874 SF
A205	FAMILY RESTROOM A205	82 SF
A206	STORAGE	180 SF
A207	SPIRIT SHOP	634 SF
A208	CONCOURSE	3943 SF
A209	ELE LOBBY	67 SF

ROOM LEGEND - SECOND FLOOR BUILDING B		
ROOM NO.	ROOM NAME	AREA (SF)
B201	STORAGE	183 SF
B202	FAMILY	82 SF
B203	MENS BATHROOM	745 SF
B204	CUSTOMAL	80 SF
B205	CONCESSIONS	581 SF
B206	CONCOURSE	4177 SF

HVAC PIPING PLAN NOTES

- (ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)
- NO. DESCRIPTION**
- P1 DIFFERENTIAL PRESSURE TRANSMITTER FOR HEATING WATER VARIABLE VOLUME PUMP CONTROL. TRANSMITTER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR.
  - P2 INSULATED REFRIGERANT PIPING FROM OUTDOOR CONDENSING UNIT TO INDOOR UNIT. PIPE SIZES AND SPECIALTIES SHALL BE PER MANUFACTURERS REQUIREMENTS. COVER EXPOSED PIPING WITH PVC JACKET.
  - P3 UNIT MANUFACTURERS REQUIRED CLEARANCES. SIZE REQUIREMENTS MAY VARY BY UNIT MANUFACTURER AND IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE ALL REQUIREMENTS FOR PROVIDED EQUIPMENT.
  - P4 INSULATED COPPER CONDENSATE DRAIN PIPING WITH WATER-SEAL TRAP FROM UNIT TO EXISTING FLOOR DRAIN. CUT END OF PIPE AT A 45 DEGREE ANGLE. CONDENSATE DRAIN PIPING AND TRAP SIZED PER MANUFACTURERS REQUIREMENTS.
  - P5 PROVIDE PLENUM RATED LOW-PROFILE CONDENSATE PUMP EQUAL TO LITTLE GIANT VCCA-50-F SERIES CONDENSATE PUMP.
  - P6 INSULATED COPPER CONDENSATE DRAIN PIPING WITH WATER-SEAL TRAP FROM CONDENSATE PUMP TO EXISTING ROOF DRAIN. CONDENSATE DRAIN PIPING AND TRAP SIZED PER MANUFACTURERS REQUIREMENTS.
  - P7 INSULATED REFRIGERANT PIPING TO PENETRATE ROOF AT THIS APPROXIMATE LOCATION THROUGH AN INSULATED PIPE CURB. COORDINATE EXACT LOCATION WITH ALL TRADES.
  - P8 COVER EXPOSED PIPING INSULATION WITH PVC JACKET.
  - P10 INSULATED REFRIGERANT PIPING TO PENETRATE EXTERIOR WALL AT THIS APPROXIMATE LOCATION. COORDINATE WALL PENETRATIONS WITH EXISTING CONDITIONS AND WITH ALL TRADES. PROVIDE WALL SLEEVES AND SEAL BOTH SIDES WATER TIGHT.
  - P11 INSULATED COPPER CONDENSATE DRAIN PIPING WITH WATER SEAL TRAP FROM CONDENSATE PUMP TO EXISTING FLOOR DRAIN. CONDENSATE DRAIN PIPING AND TRAP SIZED PER MANUFACTURERS REQUIREMENTS.
  - P12 SUPPORT REFRIGERANT PIPING WITH EQUIPMENT RAILS APPROXIMATELY 18 INCHES ABOVE THE ROOF. COORDINATE EXACT LOCATIONS WITH ALL TRADES.
  - P13 APPROXIMATE LOCATION OF TEMPERATURE CONTROL PANELS. COORDINATE EXACT LOCATION WITH ALL TRADES.
  - P14 PROVIDE HEATING WATER SHUT-OFF VALVES IN VERTICAL PIPING.
  - P15 CLEARANCE REQUIRED FOR AIR HANDLING UNIT COIL PULLS. COORDINATE LOCATIONS WITH ALL TRADES.
  - P16 PROVIDE HEATING WATER SHUT-OFF VALVES IN HORIZONTAL PIPING.

HVAC PIPING PLAN GENERAL NOTES

- A. ALL PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED.
- B. REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS.
- C. ARRANGE PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS.
- D. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVERMENT.
- E. HYDRONIC SUPPLY AND RETURN PIPING SHALL BE THE SAME SIZE UNLESS OTHERWISE NOTED.
- F. MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVERMENT.
- G. COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES.

**222154.02**  
**CARMEL STADIUM**  
**GRAND STAND**  
**RENOVATION**  
**PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
 2450 E. SMOKY ROW (VISITOR SIDE)  
 CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

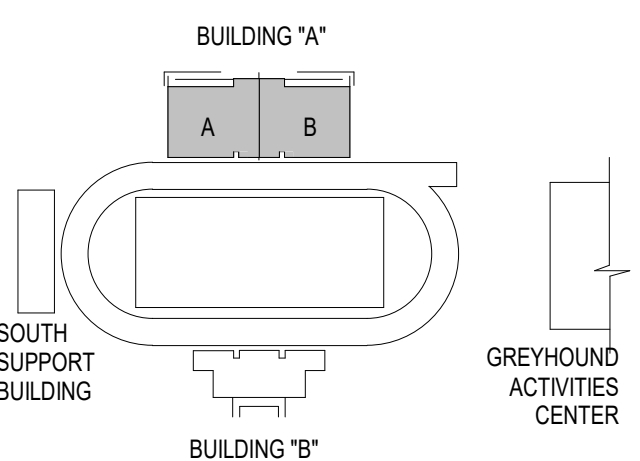
5201 E Main Street, Carmel, IN 46033  
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KEY PLAN

CONSTRUCTION DOCUMENTS



DRAWN BY: DRV  
 PROJECT NUMBER: 222154.02  
 PROJECT ISSUE DATE: 7-26-2024

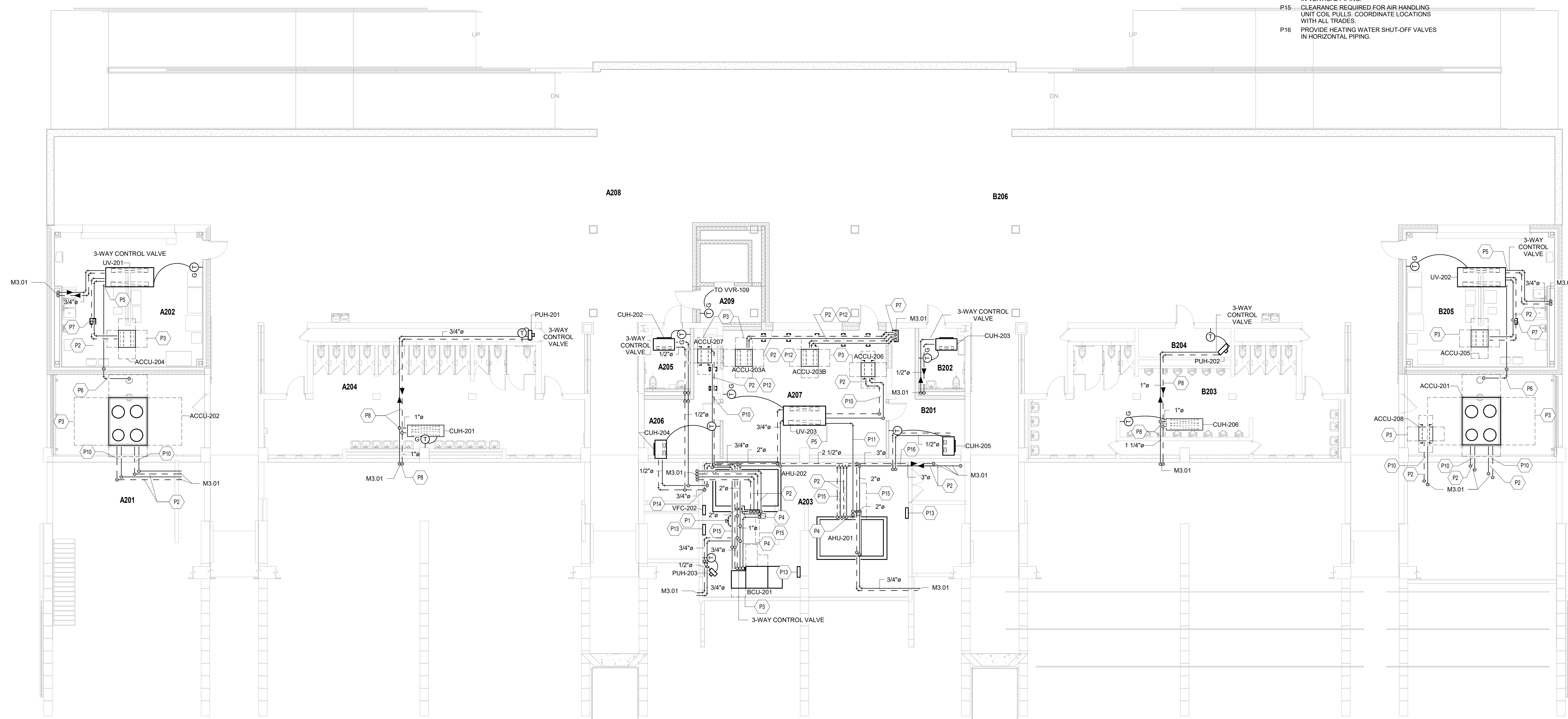
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-22-24

SECOND FLOOR HVAC PIPING PLAN - BUILDING A

**M3.02**

VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.



**BUILDING A - SECOND FLOOR HVAC PIPING PLAN**  
 SCALE: 1/8" = 1'-0"





(ALL NOTES MAY NOT BE INDICATED ON THIS SHEET)

NO. DESCRIPTION

- M1 TRANSITION DUCTWORK AS REQUIRED TO MAKE FINAL CONNECTION TO AIR HANDLING UNIT
- M2 3-1/2" HIGH CONCRETE HOUSEKEEPING PAD
- M3 5-1/2" HIGH CONCRETE HOUSEKEEPING PAD
- M4 CPVC FLUE PIPE FROM THE BOILER CONNECTION AND TERMINATE THROUGH THE ROOF. FLUE PIPE SIZE AND INSTALLATION PER MANUFACTURERS REQUIREMENTS
- M5 CPVC INTAKE PIPE FROM THE BOILER CONNECTION AND TERMINATE THROUGH THE ROOF. INTAKE PIPE SIZE AND INSTALLATION PER MANUFACTURERS REQUIREMENTS
- M6 DRAIN PIPING WITH SHUT-OFF VALVE FROM BOILER TO FLOOR DRAIN. PIPE FULL SIZE TO FLOOR DRAIN
- M7 CONDENSATE DRAIN PIPING WITH TRAP PIPED FROM BOILER TO FLOOR DRAIN
- M8 PRESSURE RELIEF VALVE. REFER TO BOILER MANUFACTURER FOR REQUIRED LOCATION. PIPE FULL SIZE TO FLOOR DRAIN. SUPPORT PIPING INDEPENDENT OF VALVE
- M10 ELECTRONIC AIRFLOW MEASURING STATION MOUNTED IN DUCTWORK. STATION PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR. COORDINATE EXACT LOCATION WITH ALL TRADES
- M11 MANUAL VOLUME DAMPER. BALANCE TO 3.250 CFM
- M12 RETURN AIR CONTROL DAMPER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR
- M13 INSULATED COPPER CONDENSATE DRAIN PIPING WITH WATER SEAL TRAP FROM UNIT TO FLOOR DRAIN. CUT END OF PIPE AT 4-6 DEGREE ANGLE. CONDENSATE DRAIN PIPING AND TRAP SIZED PER MANUFACTURERS REQUIREMENTS
- M14 INSULATED REFRIGERANT LINE SETS FROM CONDENSING UNITS TO AIR HANDLER COILING. SIZE PER MANUFACTURERS REQUIREMENTS. COORDINATE ROUTING WITH ALL TRADES
- M15 CONNECTION POINT FOR MAKE-UP TO HEATING WATER SYSTEM. REFER TO DETAIL ON SHEET M5.06
- M16 DUCTWORK TO BE INTERNALLY LINED WITH INSULATION
- M17 OUTSIDE AIR CONTROL DAMPER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR
- M18 DASHED LINE INDICATES APPROXIMATE CLEARANCE REQUIRED FOR AIR HANDLING UNIT COIL ROLL. COORDINATE LOCATION WITH ALL TRADES
- M19 APPROXIMATE LOCATION OF FLOW METER PROVIDED BY THE TEMPERATURE CONTROL CONTRACTOR AND INSTALLED BY THE MECHANICAL CONTRACTOR. COORDINATE EXACT LOCATION WITH THE FLOW METER MANUFACTURER AND WITH ALL TRADES
- M20 EMERGENCY EQUIPMENT SHUT-DOWN SWITCH PROVIDED AND INSTALLED BY THE ELECTRICAL CONTRACTOR. EMERGENCY EQUIPMENT SHUT-DOWN SWITCH SHALL SEND AN ALARM TO THE BAS. COORDINATE WITH ALL TRADES
- V26 APPROXIMATE LOCATION OF TEMPERATURE CONTROL PANEL(S). COORDINATE EXACT LOCATION WITH ALL TRADES
- V26 DASHED LINE INDICATES APPROXIMATE CLEARANCE REQUIRED IN FRONT OF UNIT CONTROL PANEL. COORDINATE LOCATION WITH ALL TRADES
- V34 END OF DUCT OPEN TO THE PLENUM SPACE ABOVE THE CEILING. OPENING TO BE PROTECTED WITH BIRD SCREEN
- V35 PAINT AIR DEVICE TO COLOR SELECTED BY THE ARCHITECT. COORDINATE WITH DIVISION 5

- A ALL DUCTWORK, PIPING AND VALVES SHALL BE CONCEALED ABOVE THE CEILING AND WITHIN WALLS, UNLESS OTHERWISE NOTED
- B REFER TO THE SPECIFICATIONS FOR REQUIREMENTS RELATED TO EQUIPMENT QUALITY, CONSTRUCTION AND FINISH OF MATERIALS
- C ARRANGE DUCTWORK, PIPING, ETC. TO ALLOW FOR EASY ACCESS TO COILS, VALVES, DAMPERS AND CONTROLS. KEEP AREAS ADJACENT TO ACCESS PANELS FREE AND CLEAR OF ANY OBSTRUCTIONS
- D SEAL DUCT PENETRATIONS THROUGH THE FLOOR AND/OR WALLS IN ACCORDANCE WITH MECHANICAL CODE AND SMACNA REQUIREMENTS. SEAL DUCT PENETRATIONS THROUGH FIRE RATED FLOORS AND/OR WALLS WITH A MATERIAL HAVING SAME FIRE RATING AS THE WALL AND/OR FLOOR
- E MECHANICAL CONTRACTOR IS RESPONSIBLE FOR HIS RESPECTIVE WORK FOR REPAIRING AND PATCHING TO MATCH EXISTING SURFACES, SIDEWALKS, STREETS, FLOORS, WALLS, ROOFS, CEILING AND PAVEMENT
- F ALL RECTANGULAR SHEET METAL DUCT SIZES SHOWN ARE INSIDE FREE AREA DIMENSIONS. ALL ROUND DUCT SIZES SHOWN ARE INSIDE DIAMETERS
- G PROVIDE BALANCING DAMPER AT EACH DUCT BRANCH, SERVING DIFFUSER, GRILLE AND REGISTER
- H INSTALL WALL THERMISTATS, TEMPERATURE SENSORS, HUMIDISTATS, ETC. 4' ABOVE THE FINISH FLOOR IN ACCORDANCE WITH ADA REQUIREMENTS
- I COORDINATE ALL REQUIRED WALL, ROOF AND FLOOR OPENINGS (BOTH DIMENSIONS AND LOCATIONS) WITH ALL OTHER TRADES
- J COORDINATE MECHANICAL SYSTEM INSTALLATION WITH STRUCTURE, FIRE PROTECTION AND LIGHTING LAYOUT
- K PROVIDE ALL NECESSARY TRANSITIONS TO EQUIPMENT FROM SIZES SHOWN ON PLAN
- L ALL RETURN/EXHAUST AIR DUCT ABOVE LOCKERS/SHOWER AREAS SHALL BE MADE OF ALUMINUM IN ACCORDANCE WITH SMACNA REQUIREMENTS
- M HYDRONIC SUPPLY AND RETURN PIPING SHALL BE THE SAME SIZE UNLESS OTHERWISE NOTED

# 222154.02 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E Main Street, Carmel, IN 46033  
317-844-9961

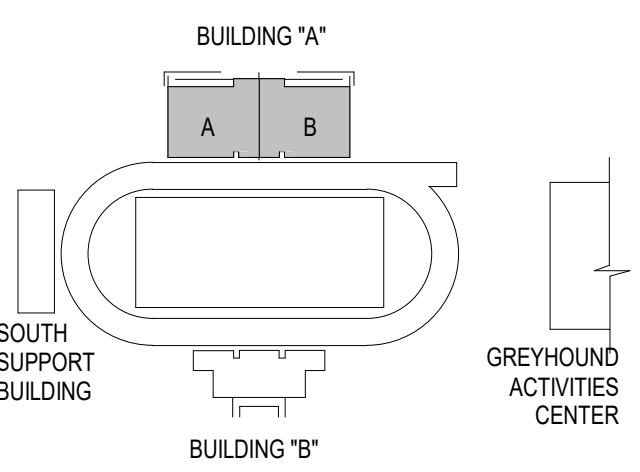


ARCHITECT



317-848-0966

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### KEY PLAN

### CONSTRUCTION DOCUMENTS



DRAWN BY: DRV  
PROJECT NUMBER: 222154.02  
PROJECT ISSUE DATE: 7-26-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-22-24

### VERIFICATION NOTE

CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

### MECHANICAL ROOM

# M4.01

### ENLARGED MECHANICAL ROOM PLAN

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

AIR HANDLING UNIT SCHEDULE table with columns for MARK, FANS SUPPLY, COILS, REHEAT HEATING COIL, MODEL NO., and NOTES.

DIFFUSER, REGISTER, AND GRILLE SCHEDULE table with columns for MARK, TYPE, EXAMPLE MANUFACTURER MODEL NO., NECK SIZE, OVERALL SIZE L"xW", MAX CORE/NECK VEL.(FPM), MAX. CFM, MAX. NOISE CRITERIA, FRAME/MOUNTING, and REMARKS.

VARIABLE FREQUENCY MOTOR CONTROLLER SCHEDULE table with columns for MARK, HP, ELEC SERV, MARK SERVING, EQUIPMENT SERVING, and NOTES.

ROOFTOP VENTILATOR/INTAKE HOOD SCHEDULE table with columns for MARK, THROAT LENGTH, THROAT WIDTH, BACKDRAFT DAMPER, RELIEF CONTROL DAMPER, CFM, DRIP PAN, and MODEL.

AHU/ACCU MAXIMUM ALLOWABLE SOUND LEVELS table with columns for MARK, UNIT SOUND, and frequency bands (63Hz to 8KHz).

VAV REHEAT TERMINAL SCHEDULE table with columns for MARK, PRIMARY CFM, MIN PRIMARY CFM, MBH, GPM, INLET DIA, AVAIL INLET SP, RAD. N.C., DIS. N.C., LWT, LAT, # ROWS.

GENERAL NOTES: 1. COILS SHALL BE SELECTED WITH 1" WPD MAXIMUM. 2. HEATING COIL DESIGN BASED ON HIGH-EFFICIENCY, HOT WATER COIL. 3. HEATING COIL LOADS CALCULATED WITH 180" EWT, 55" EAT AT TOTAL PRIMARY AIR FLOW.

AIR-COOLED CONDENSING UNIT SCHEDULE table with columns for MARK, MBH, NOMINAL TONS, SUCTION TEMP, AMBIENT TEMP, EER, MCA/MOP, SERVICE, MODEL, and NOTES.

GENERAL NOTES: 1. REFER TO PROJECT MANUAL SECTION 236200. 2. DISCONNECT BY DIVISION 26-ELECTRICAL. 3. DISCONNECT FACTORY MOUNTED.

UNIT VENTILATOR SCHEDULE table with columns for MARK, CFM, EXT. S.P., OA CFM, HEATING EWT 180°, DX COOLING, ELECTRIC, MOTOR SPEED, MODEL NO., and NOTES.

BLOWER COIL UNIT SCHEDULE table with columns for MARK, CFM, EXT. S.P., TOTAL S.P., MIN. OA CFM, HEATING EWT 180°, DX COOLING, ELECTRIC, MOTOR SPEED, MODEL NO., and NOTES.

INDOOR FURNACE SCHEDULE table with columns for MARK, FANS SUPPLY, COILS, NATURAL GAS HEATING, SEER, FURNACE MODEL NUMBER, EVAPORATOR MODEL NUMBER, and NOTES.

HEATING/COOLING PLANT EQUIPMENT SCHEDULE table with columns for EQUIPMENT MARK, TOTAL REQUIRED, DESCRIPTION, ELECTRICAL, and NOTES.

222154.02 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE) 2450 E. SMOKY ROW (VISITOR SIDE) CARMEL, IN 46032

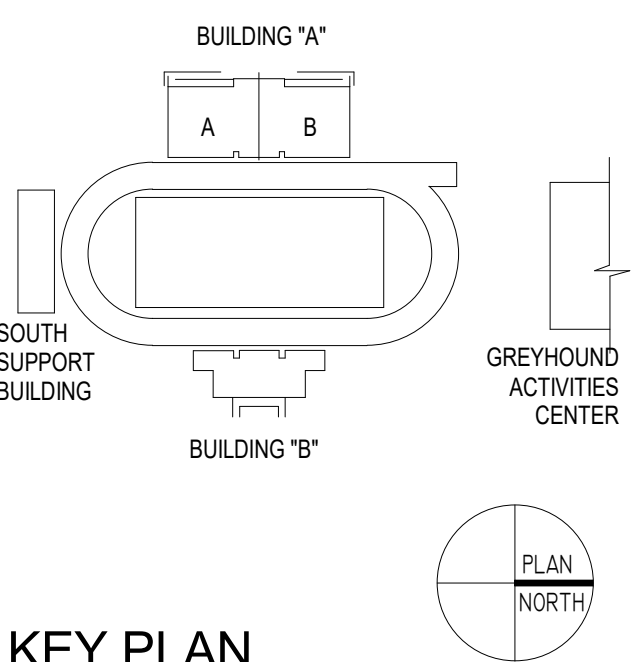
CARMEL CLAY SCHOOLS



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CONSTRUCTION DOCUMENTS



DRAWN BY: DRV PROJECT NUMBER: 222154.02 PROJECT ISSUE DATE: 7-26-2024

Revision table with columns for REV. NO., DESCRIPTION, and DATE.

MECHANICAL SCHEDULES

M5.01

# 222154.02 CARMEL STADIUM GRAND STAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E Main Street, Carmel, IN 46033  
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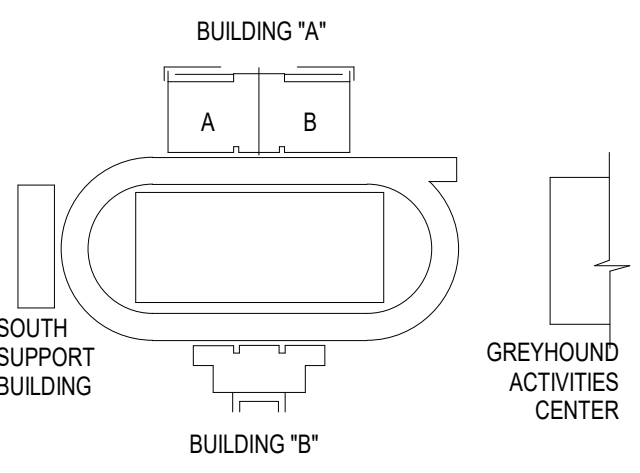


ARCHITECT

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### KEY PLAN

### CONSTRUCTION DOCUMENTS



DRAWN BY: DRV  
PROJECT NUMBER: 222154.02  
PROJECT ISSUE DATE: 7-26-2024

REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-22-24

### MECHANICAL SCHEDULES AND DETAILS

# M5.02

MARK	TYPE	CFM	FRPM	EXT. S.P.	MAX. SONES	ELEC		CONTROL	MODEL	DRIVE	NOTES
						HP	SERV				
EF-101	IN-LINE	175	1,505	0.250	4.4	1/15	115/1	C	SQ-70-VG	DIRECT	1,2,3,4,6,7
EF-102	IN-LINE	1,200	1,392	0.575	8.6	1/2	115/1	A	SQ-120-VG	DIRECT	1,2,3,4,6,7
EF-103	IN-LINE	450	1,253	0.275	6.0	1/6	115/1	C	SQ-95-VG	DIRECT	1,2,3,4,6,7
EF-104	IN-LINE	1,650	1,172	0.575	10.2	3/4	115/1	A	SQ-140-VG	DIRECT	1,2,3,4,6,7
EF-105	IN-LINE	4,150	1,555	0.500	21.0	2.0	208/1	A	SQ-160-VG	DIRECT	1,2,3,4,6,7,11
EF-201	ROOF	850	999	0.400	6.5	1/4	115/1	B.1	G-120-VG	DIRECT	1,2,4,5,6,7,8
EF-202	IN-LINE	2,650	1,583	0.550	16.1	1.0	115/1	A	SQ-140-VG	DIRECT	1,2,3,4,6,7,12
EF-203	IN-LINE	400	1,567	0.450	7.5	1/6	115/1	A	SQ-90-VG	DIRECT	1,2,3,4,6,7
EF-204	IN-LINE	1,000	1,448	0.400	8.4	1/4	115/1	A	SQ-100-VG	DIRECT	1,2,3,4,6,7
EF-205	IN-LINE	900	1,425	0.500	7.8	1/4	115/1	A	SQ-100-VG	DIRECT	1,2,3,4,6,7
EF-206	IN-LINE	450	1,280	0.450	8.9	1/4	115/1	C	SQ-99-VG	DIRECT	1,2,3,4,6,7
EF-207	IN-LINE	800	1,347	0.500	7.0	1/4	115/1	A	SQ-100-VG	DIRECT	1,2,3,4,6,7
EF-208	IN-LINE	1,600	1,062	0.400	8.6	3/4	115/1	A	SQ-140-VG	DIRECT	1,2,3,4,6,7
EF-209	ROOF	850	999	0.400	6.5	1/4	115/1	B.1	G-120-VG	DIRECT	1,2,4,5,6,7,8
EF-301	IN-LINE	150	1,487	0.275	4.1	1/15	115/1	C	SQ-70-VG	DIRECT	1,2,3,4,6,7
EF-401	IN-LINE	150	1,444	0.550	10.5	1/4	115/1	A	SQ-97-VG	DIRECT	1,2,3,4,6,7

#### NOTES

- INCLUDE DISCONNECT SWITCH.
- INCLUDE BACKDRAFT DAMPER.
- SUPPORT FROM STRUCTURE ABOVE WITH VIBRATION ISOLATORS.
- REFER TO SPECIFICATION SECTION 233423 FOR ADDITIONAL REQUIREMENTS.
- MOUNT ON 12" HIGH ROOF CURB.
- ALL FAN MODELS SPECIFIED AS MANUFACTURED BY GREENHECK.
- INCLUDE FIELD MOUNTED AND WIRED SPEED CONTROL FOR MANUAL BALANCING.
- CUSTOM COLOR(S) TO BE SELECTED BY ARCHITECT/ENGINEER.
- INSTALL DRIP PAN UNDER UNIT.
- ALUMINUM WHITE ENAMEL GRILLE, ISOLATION KIT AND HOODED WALL CAP.
- CONTROLLED WITH LOW VOLTAGE SIGNAL FROM BAS, WITH AIR HANDLING UNIT AHU-201 SUPPLY FAN OPERATION.
- CONTROLLED WITH LOW VOLTAGE SIGNAL FROM BAS, WITH AIR HANDLING UNIT AHU-202 SUPPLY FAN OPERATION.

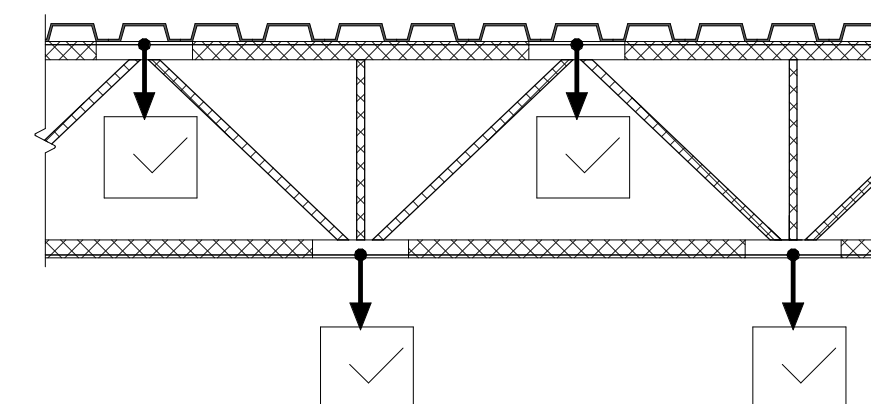
#### CONTROL KEY:

- AUTOMATIC OCCUPIED OPERATION BY LOCAL TEMPERATURE CONTROL ZONE.
- MANUAL CONTROLS BY DIVISION 26.
  - WITH TIMER SWITCH.
  - WITH ON/OFF SWITCH.
  - WITH ROOM LIGHT SWITCH.
- AUTOMATIC OPERATION BY REVERSE-ACTING THERMOSTAT.
- 24 HOUR CONTINUOUS OPERATION.
- ON/OFF CONTROL WITH FUME HOOD.
- CONTROLS BY DISHWASHER HOOD MANUFACTURER.
- ON/OFF CONTROL WITH KITCHEN HOOD EXHAUST FAN OPERATION.

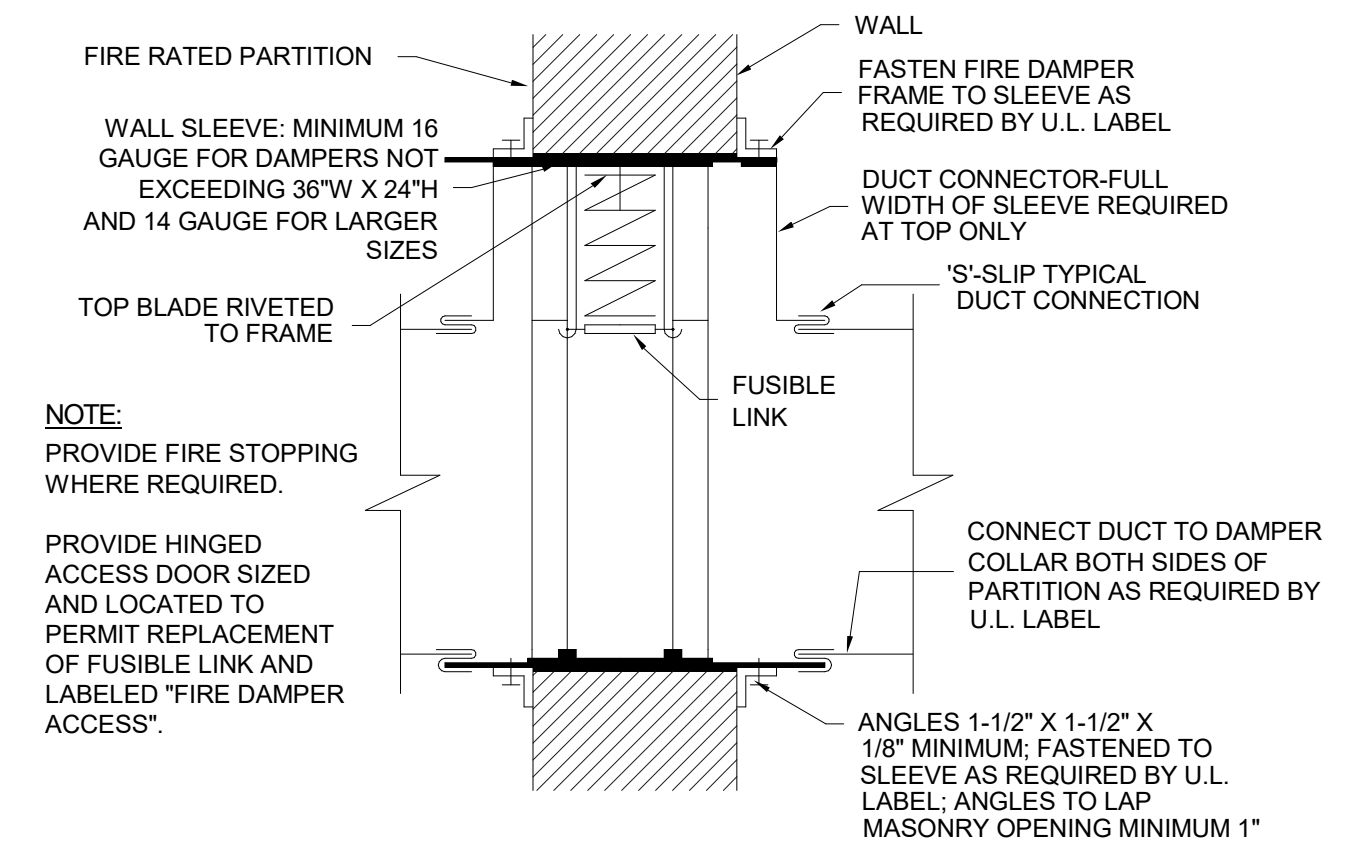
MARK	SIZE W X H	CFM	TOP OF LOUVER ELEVATION	TYPE	NOTES
WL-101	40" x 16"	1,200	10'-0" AFF	WL-1	1,2,3,4,5
WL-102	40" x 24"	1,650	10'-4" AFF	WL-1	1,2,3,4,5
WL-103	76" x 16"	RELIEF	10'-0" AFF	WL-1	1,2,3,4,5
WL-104	76" x 16"	RELIEF	10'-0" AFF	WL-1	1,2,3,4,5
WL-201	48" x 30"	2,650	MATCH EXISTING	WL-1	1,2,3,4,5,6
WL-202	20" x 12"	400	MATCH EXISTING	WL-1	1,2,3,4,5,6
WL-203	32" x 20"	1,000	MATCH EXISTING	WL-1	1,2,3,4,5,6
WL-204	24" x 16"	900	MATCH EXISTING	WL-1	1,2,3,4,5,6
WL-205	16" x 12"	450	MATCH EXISTING	WL-1	1,2,3,4,5,6
WL-206	18" x 24"	800	MATCH EXISTING	WL-1	1,2,3,4,5,6
WL-207	84" x 24"	6,000	MATCH EXISTING	WL-1	1,2,3,4,5,6
WL-208	90" x 24"	6,700	MATCH EXISTING	WL-1	1,2,3,4,5,6
WL-209	12" x 24"	325	MATCH EXISTING	WL-1	1,2,3,4,5,6
WL-210	32" x 24"	1,600	13'-0" AFF	WL-1	1,2,3,4,5,6

#### NOTES:

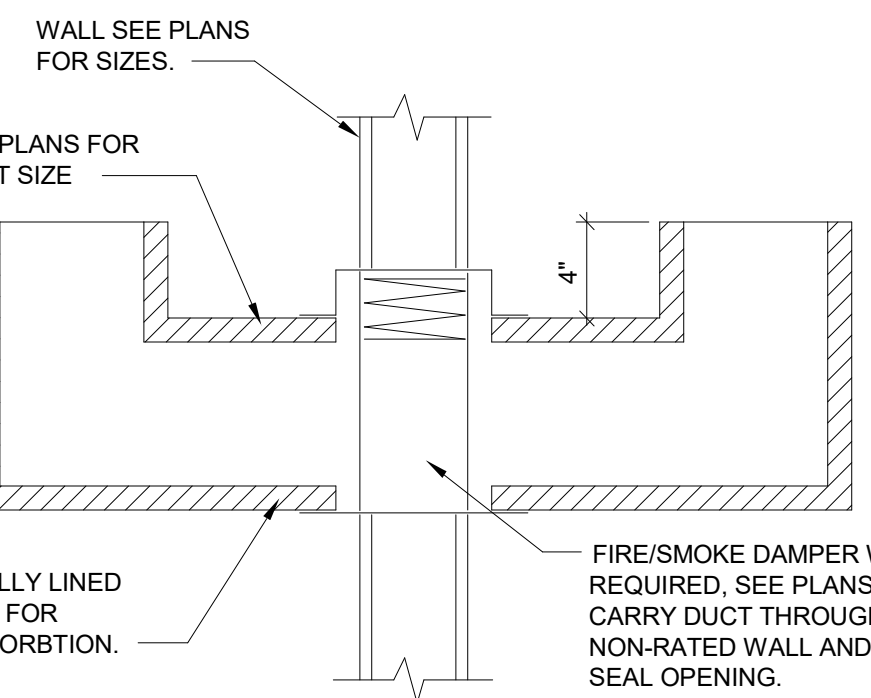
- REFER TO SPECIFICATION SECTION 089119.
- SEAL ALL AROUND WITH SILICONE.
- REFER TO INSTALLATION DETAILS ON SHEET M5.02 AND ARCHITECTURAL DRAWINGS.
- CUSTOM COLOR TO BE SELECTED BY THE ARCHITECT/ENGINEER.
- COORDINATE SIZE AND LOCATION WITH EXISTING CONDITIONS, ALL TRADES AND ARCHITECTURAL ELEVATIONS.
- COORDINATE EXACT SIZE OF NEW WALL LOUVER WITH EXISTING REMOVED WALL LOUVER SIZE. REVISE WALL OPENING SIZE AS REQUIRED.



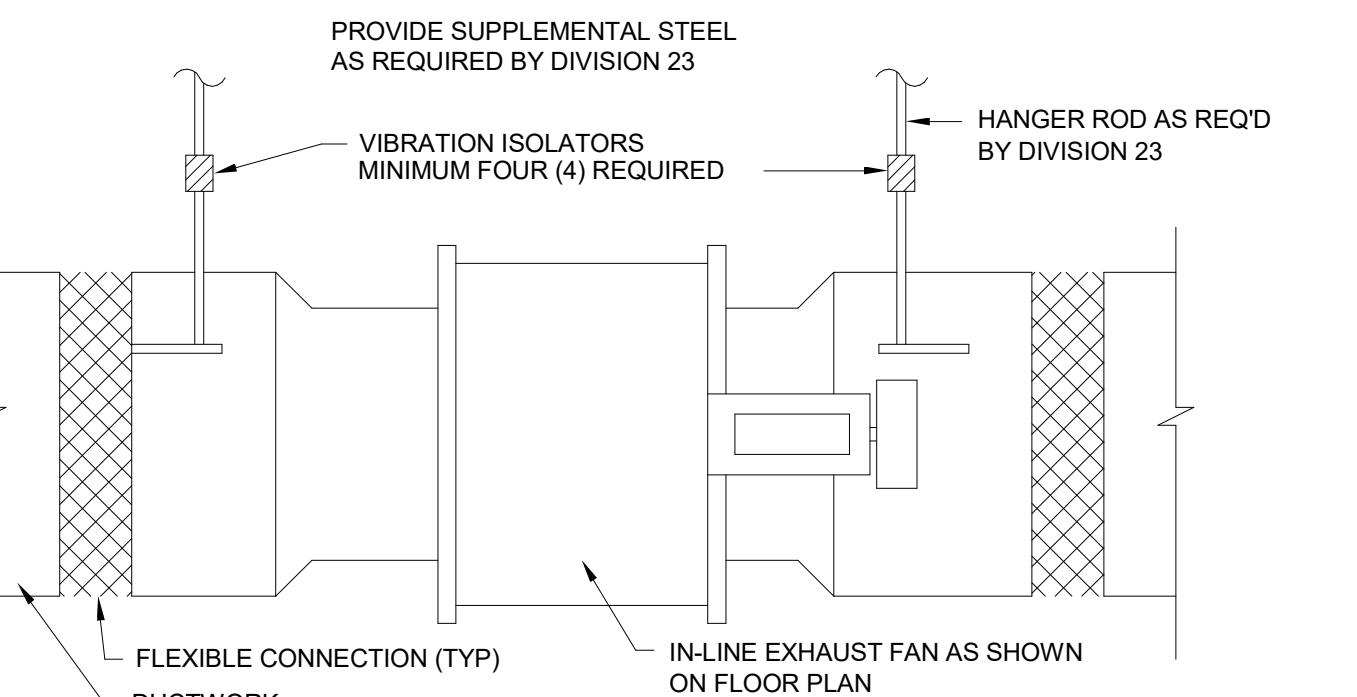
1 ACCEPTABLE LOCATION TO HANG LOADS FROM STEEL JOISTS  
NO SCALE



2 FIRE DAMPER INSTALLATION DETAIL  
NO SCALE



3 RETURN AIR SOUND TRAP DETAIL  
NO SCALE

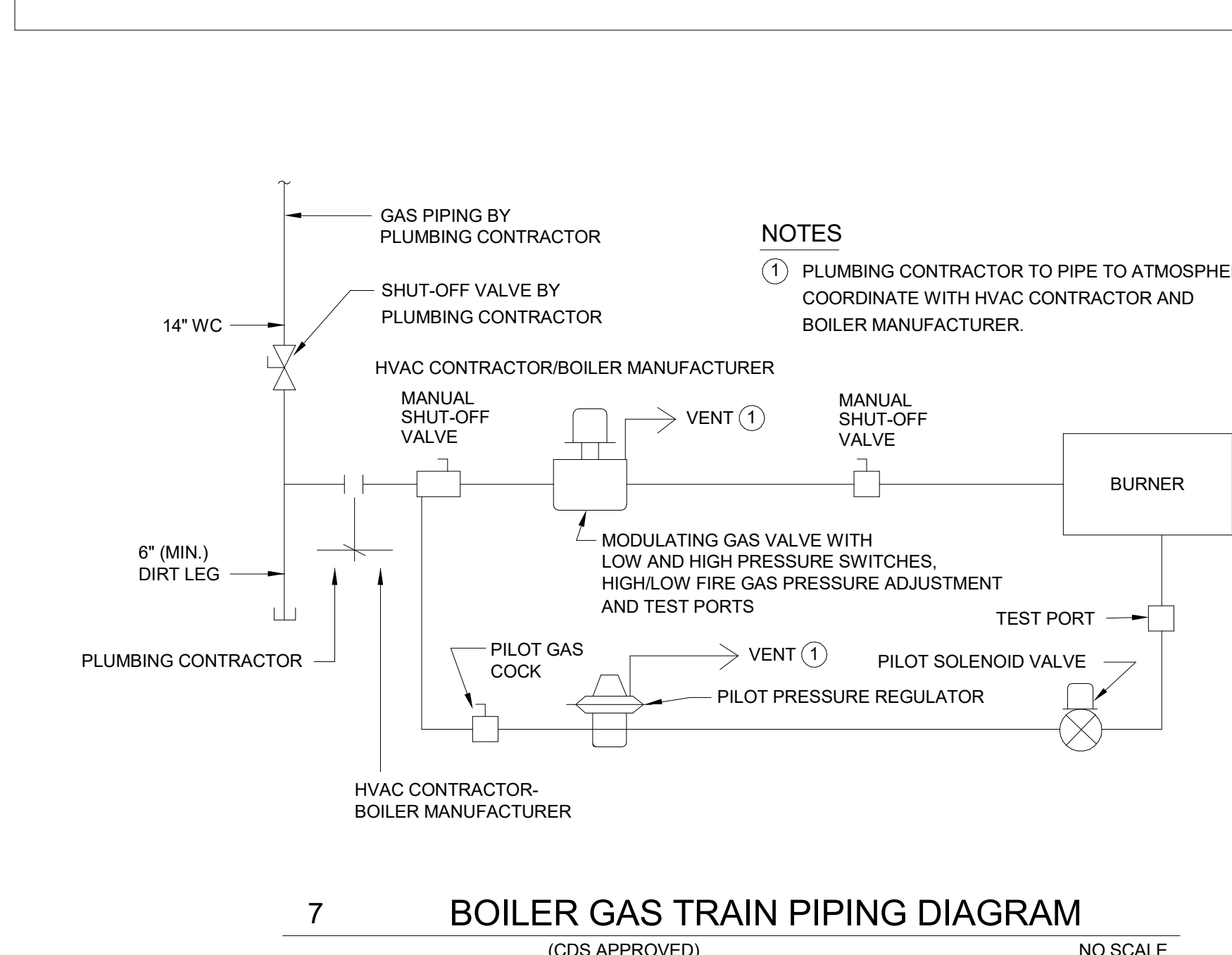


4 IN-LINE EXHAUST FAN MOUNTING DETAIL  
NO SCALE

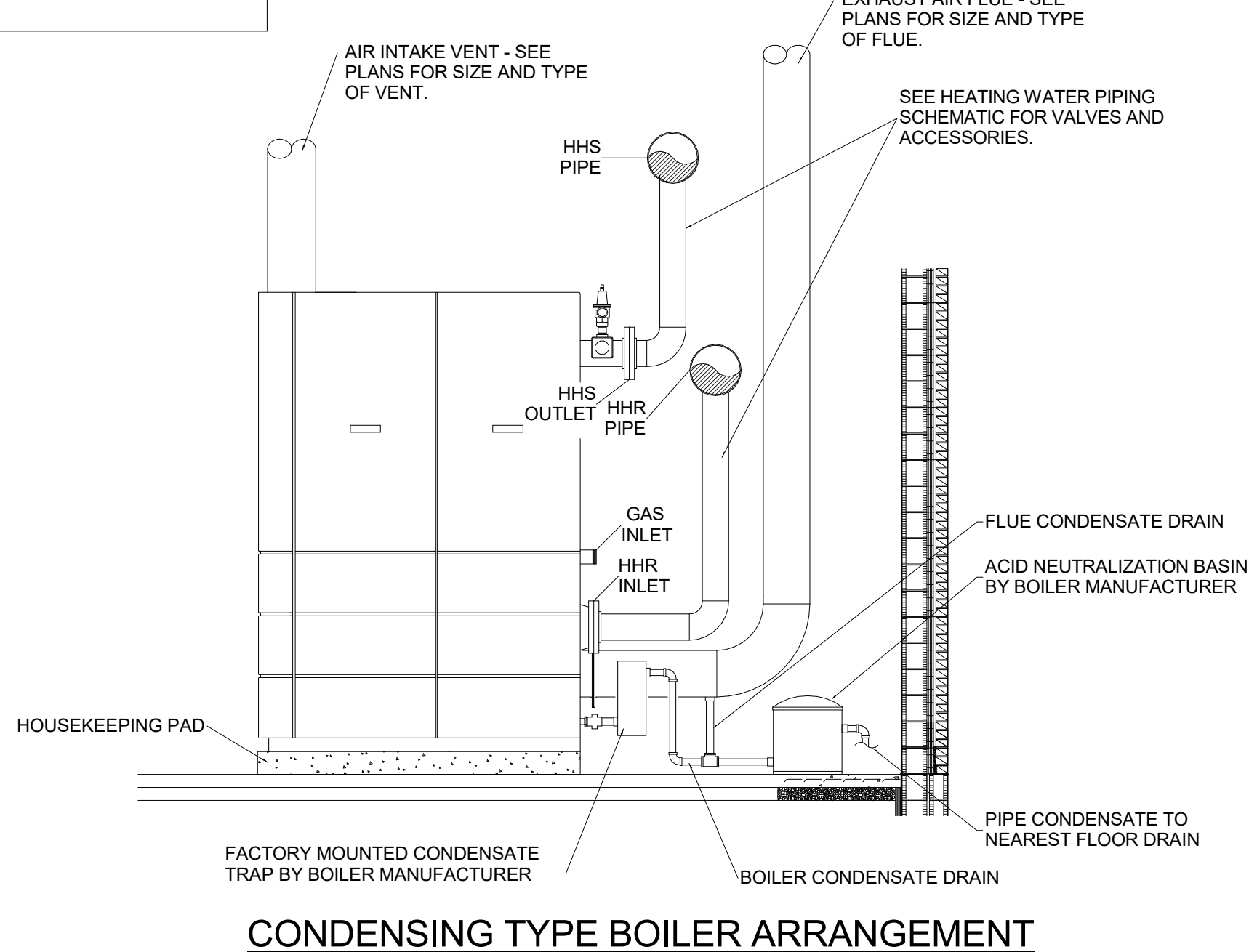
MARK	CFM	FAN SPEED (RPM)	HP	HEATING 180° EWT						ELEC SERV	MODEL NO.	NOTES	
				MBH	EAT	LAT	GPM	WPD	LWT				
CUH-101	310	MEDIUM	125	19.3	60	116.5	1.3	0.3	150.0	1-R/W	120/601	RC-380-04	1,2,3,9,10,11,13
CUH-102	150	MEDIUM	130	9.3	60	116.5	0.6	0.1	150.0	1-R/W	120/601	RC-380-02	1,2,5,6,9,10
CUH-103	600	MEDIUM	130 & 1/15	32.9	60	109.8	2.2	0.1	150.0	1-R/W	120/601	RRC-440-08	1,2,4,5,9,10,13
CUH-104	150	MEDIUM	130	9.3	60	116.5	0.6	0.1	150.0	1-R/W	120/601	RC-380-02	1,2,5,6,9,10
CUH-105	310	MEDIUM	125	19.3	60	116.5	1.3	0.3	150.0	1-R/W	120/601	RC-380-04	1,2,5,6,9,10
CUH-106	310	MEDIUM	125	19.3	60	116.5	1.3	0.3	150.0	1-R/W	120/601	RC-380-04	1,2,5,6,9,10
CUH-107	310	MEDIUM	125	19.3	60	116.5	1.3	0.3	150.0	1-R/W	120/601	RC-380-04	1,2,3,9,10,11,13
CUH-201	940	HIGH	1/15 & 1/15	72.3	60	129.8	3.7	0.7	140.0	2-R/W	120/601	RC-380-10	1,2,5,6,9,10
CUH-202	300	HIGH	130	16.5	60	109.8	1.1	0.2	150.0	1-R/W	120/601	RC-380-03	1,2,3,9,10,11,13
CUH-203	300	HIGH	130	16.5	60	109.8	1.1	0.2	150.0	1-R/W	120/601	RC-380-03	1,2,3,9,10,11,13
CUH-204	150	MEDIUM	130	9.3	60	116.5	0.6	0.1	150.0	1-R/W	120/601	RC-380-02	1,2,3,9,10,11,13
CUH-205	150	MEDIUM	130	9.3	60	116.5	0.6	0.1	150.0	1-R/W	120/601	RC-380-02	1,2,3,9,10,11,13
CUH-206	940	HIGH	1/15 & 1/15	72.3	60	129.8	3.7	0.7	140.0	2-R/W	120/601	RC-380-10	1,2,5,6,9,10
PUH-101	350	LOW	130	12.2	60	91.4	1.2	0.4	160.0	-	120/601	RH-24	6,7,8,9,14
PUH-102	630	HIGH	1/15	21.0	60	90.1	2.1	0.1	160.0	-	120/601	RH-33	6,7,8,9,14
PUH-103	630	HIGH	1/15	21.0	60	90.1	2.1	0.1	160.0	-	120/601	RH-33	6,7,8,9,14
PUH-104	730	HIGH	1/15	29.0	60	95.8	2.9	0.2	160.0	-	120/601	RH-47	6,7,8,9,14
PUH-201	730	HIGH	1/15	29.0	60	95.8	2.9	0.2	160.0	-	120/601	RH-47	6,7,8,9,14
PUH-202	1,120	HIGH	1/10	39.9	60	92.1	4.0	0.3	160.0	-	120/601	RH-63	6,7,8,9,14
PUH-203	350	LOW	130	12.2	60	91.4	1.2	0.4	160.0	-	120/601	RH-24	6,7,8,9,14

#### NOTES

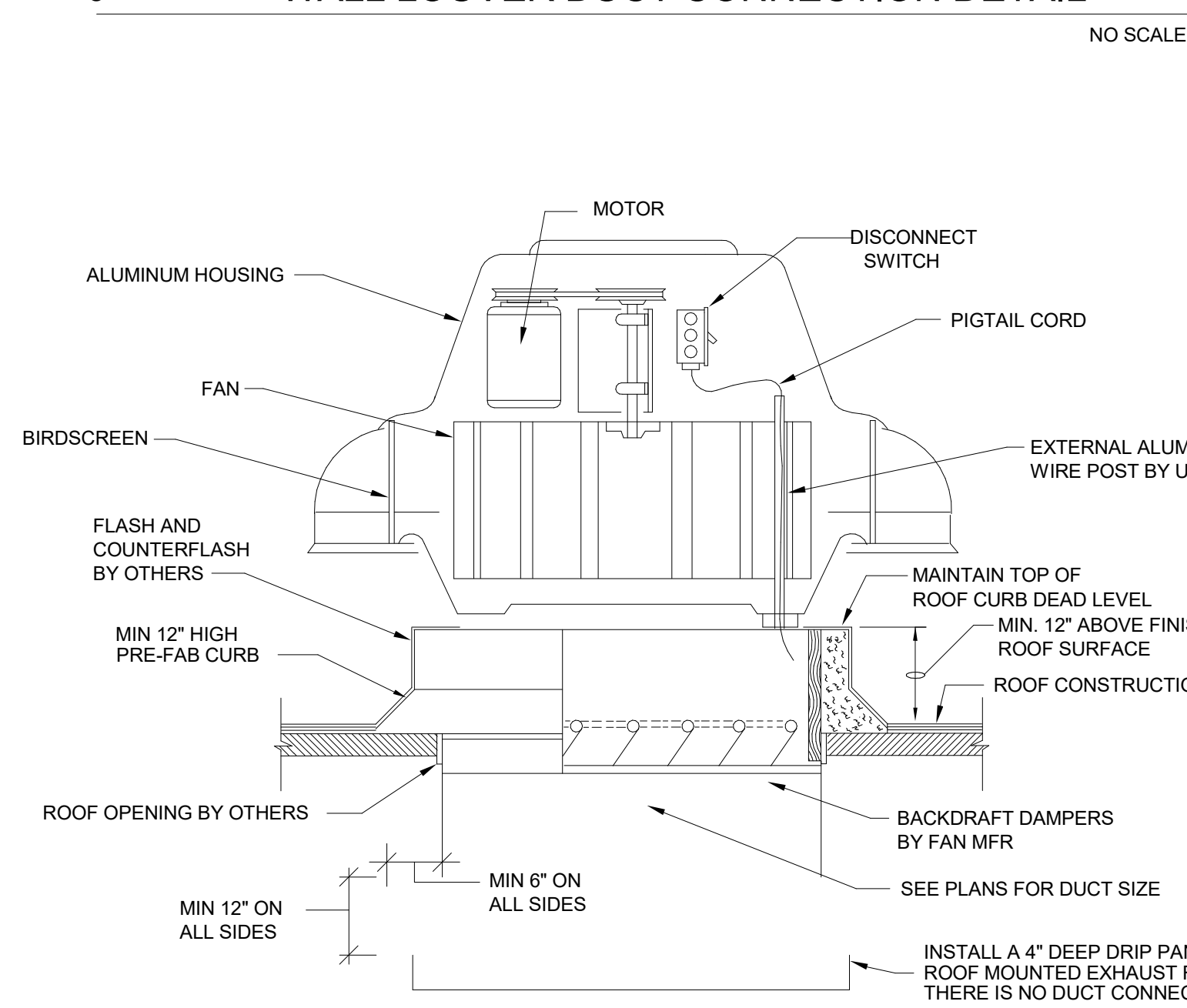
- COLOR TO BE SELECTED BY ARCHITECT.
- INCLUDE FACTORY MOUNTED DISCONNECT.
- HORIZONTAL CEILING RECESSED UNIT.
- HORIZONTAL PARTIALLY CEILING RECESSED UNIT.
- UNIT SCHEDULED WITH BOTTOM SUPPLY AND BOTTOM RETURN.
- HORIZONTAL EXPOSED UNIT.
- SUPPORT HEATER FROM STRUCTURE ABOVE WITH MINIMUM OF TWO (2) 3/8" DIAMETER THREADED RODS.
- UNIT FURNISHED WITH ADJUSTABLE LOUVER FIN DIFFUSERS TO PROVIDE FOUR-DIRECTION AIR FLOW CONTROL.
- UNITS SCHEDULED ARE AS MANUFACTURED BY RITTLING.
- REFER TO SPECIFICATION SECTION 238239.
- UNIT SCHEDULED WITH BOTTOM SUPPLY AND BACK RETURN.
- UNIT SCHEDULED WITH DUCTED SUPPLY AND BOTTOM RETURN. SUPPLY FAN MOTOR E.S.P. AT 0.15".
- UNIT SHALL BE PROVIDED WITH A CEILING TRIM KIT.
- DISCONNECT BY THE ELECTRICAL CONTRACTOR.



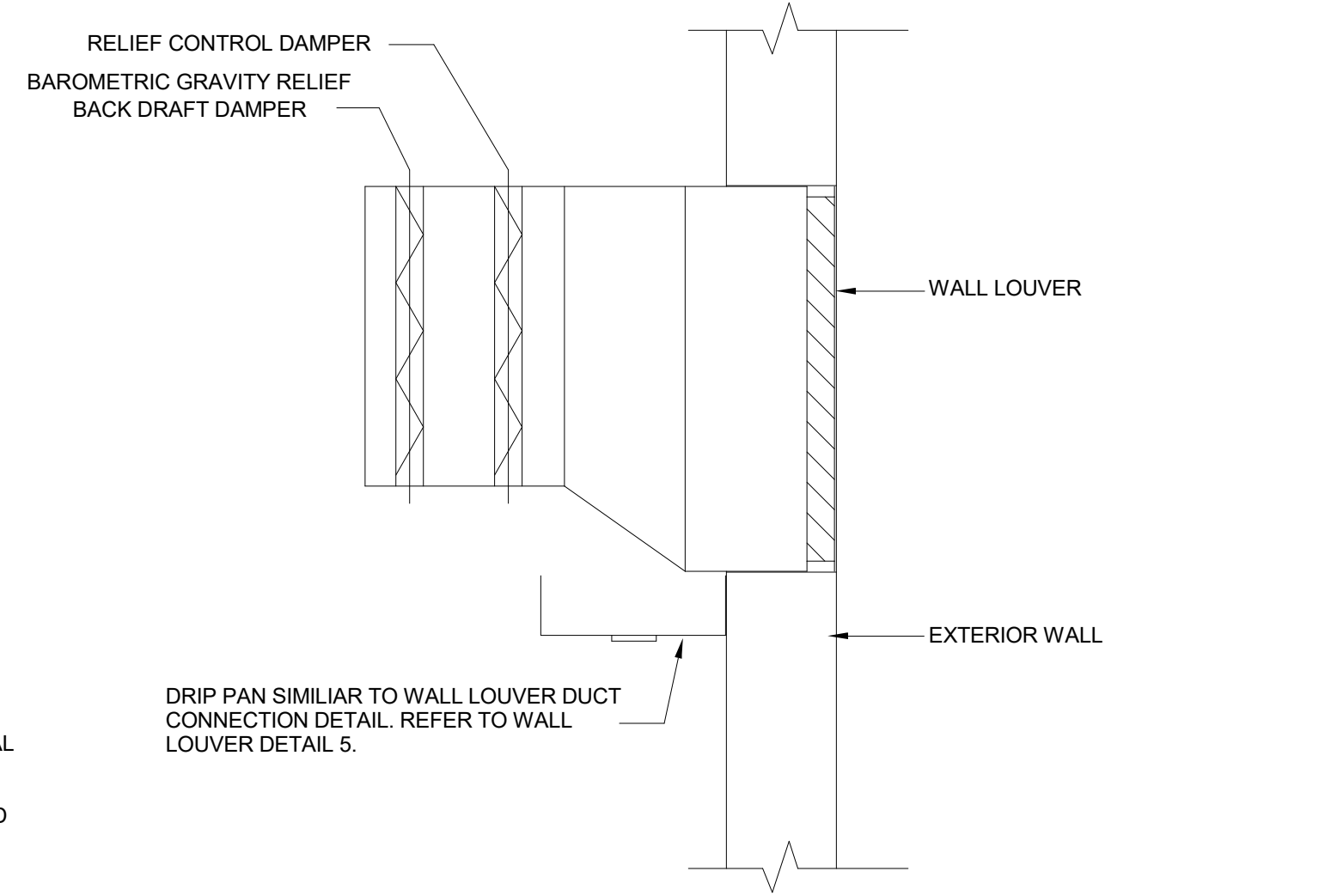
7 BOILER GAS TRAIN PIPING DIAGRAM  
(CDS APPROVED) NO SCALE



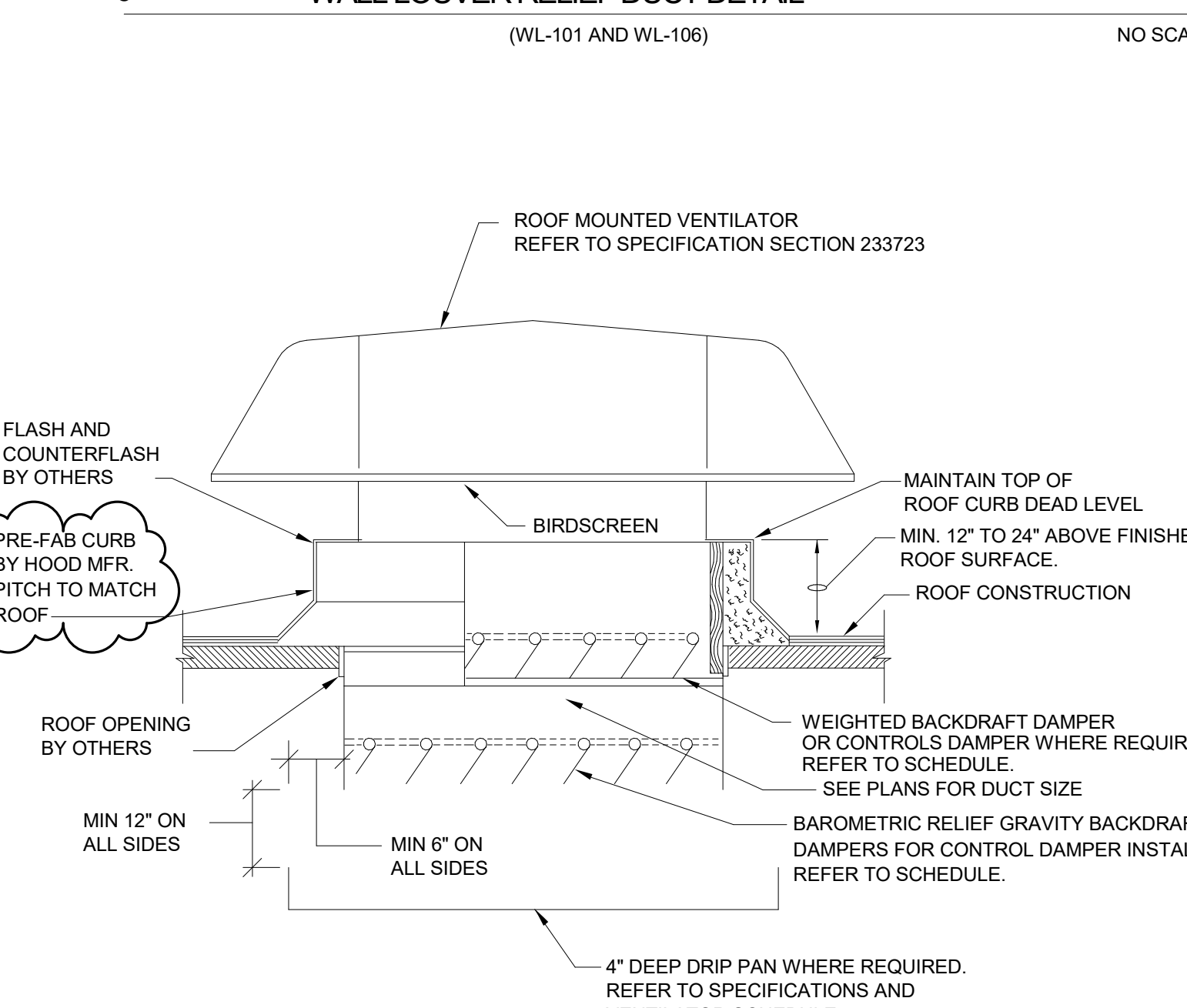
8 HEATING HOT WATER CONDENSING BOILER INSTALLATION DETAIL (ELEVATION)



9 ROOF-MOUNTED EXHAUST FAN INSTALLATION DETAIL  
NO SCALE



6 WALL LOUVER RELIEF DUCT DETAIL  
(WL-101 AND WL-106) NO SCALE



10 ROOF MOUNTED VENTILATOR  
NO SCALE









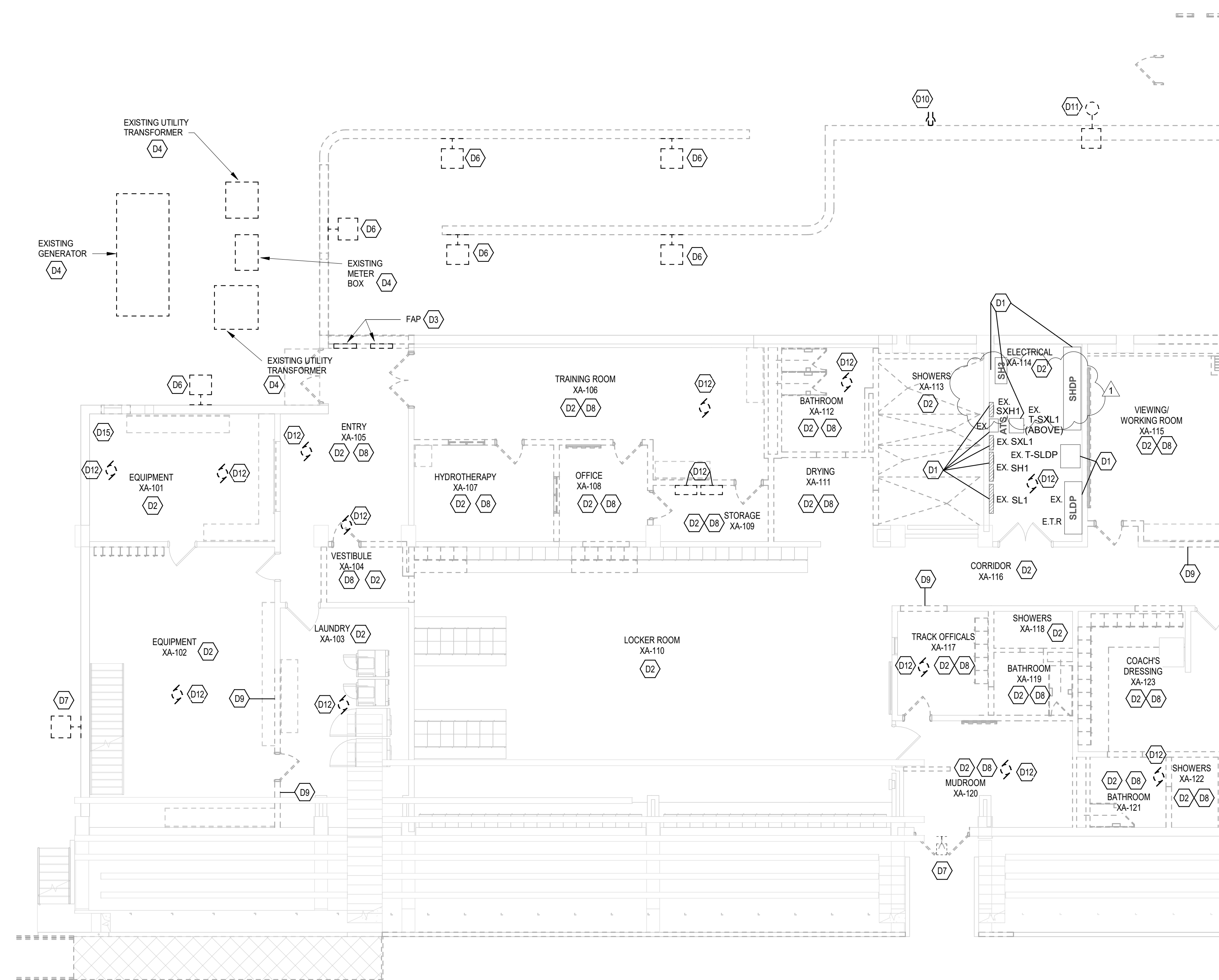




GENERAL NOTES - DEMOLITION

1. REFER TO ELECTRICAL SPECIFICATIONS SECTIONS 260000 "ELECTRICAL DEMOLITION" FOR ADDITIONAL REQUIREMENTS THAT APPLY TO THIS DRAWING SHEET.
2. REMOVE ELECTRICAL EQUIPMENT COMPLETE.
3. ALL EXISTING FIRE ALARM DEVICES ARE TO BE DISCONNECTED AND REMOVED.
4. ALL EXISTING DUPLEX RECEPTACLES INSIDE AND OUTSIDE THE BUILDING THAT ARE NOT PART OF THE NEW CONSTRUCTION OR RENOVATED AREAS ARE TO BE REPLACED WITH NEW DEVICES AND COVER PLATES.

KEYNOTES	
D1	EXISTING ELECTRICAL EQUIPMENT TO REMAIN IN PLACE.
D2	DISCONNECT AND REMOVE ALL EXISTING LIGHT FIXTURES AND LIGHT SWITCHES IN THIS ROOM. EXISTING LIGHTING CIRCUITS ARE TO REMAIN IN PLACE FOR NEW LIGHTING FIXTURES. REFER TO THE "E4" DRAWING SHEETS FOR ADDITIONAL REQUIREMENTS.
D3	DISCONNECT AND REMOVE EXISTING FIRE ALARM PANELS AT THIS LOCATION AND ALL EXISTING FIRE ALARM DEVICES THROUGHOUT THE BUILDING.
D4	EXISTING ELECTRICAL EQUIPMENT TO BE DISCONNECTED AND REMOVED.
D6	DISCONNECT AND REMOVE EXISTING EXTERIOR LIGHT FIXTURES AT THIS LOCATION.
D7	DISCONNECT AND REMOVE EXISTING EXTERIOR LIGHT FIXTURE AT THIS LOCATION. EXISTING CIRCUIT IS TO REMAIN FOR THE NEW LIGHT FIXTURE. REFER TO "E4" DRAWING SHEETS FOR ADDITIONAL REQUIREMENTS.
D8	DISCONNECT AND REMOVE ALL EXISTING ELECTRICAL DEVICES IN THIS ROOM.
D9	DISCONNECT AND REMOVE ANY EXISTING ELECTRICAL DEVICES IN THIS PORTION OF THE WALL THAT IS TO BE REMOVED.
D10	DISCONNECT AND REMOVE EXISTING ELECTRICAL DEVICE AT THIS LOCATION.
D11	DISCONNECT AND REMOVE EXISTING LIGHT POLE AT THIS LOCATION. EXISTING LIGHT POLE IS TO BE RELOCATED. REFER TO DRAWING SHEET "E2.01" FOR NEW LOCATION AND ADDITIONAL REQUIREMENTS.
D12	DISCONNECT EXISTING MECHANICAL UNIT AT THIS LOCATION. REMOVE WIRING BACK TO ITS SOURCE.
D15	DISCONNECT EXISTING TECHNOLOGY EQUIPMENT AT THIS LOCATION. REMOVE WIRING BACK TO ITS SOURCE.



FIRST FLOOR ELECTRICAL DEMOLITION PLAN BUILDING A - UNIT A  
SCALE: 1/8" = 1'-0"

222154.00  
CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

CARMEL CLAY SCHOOLS

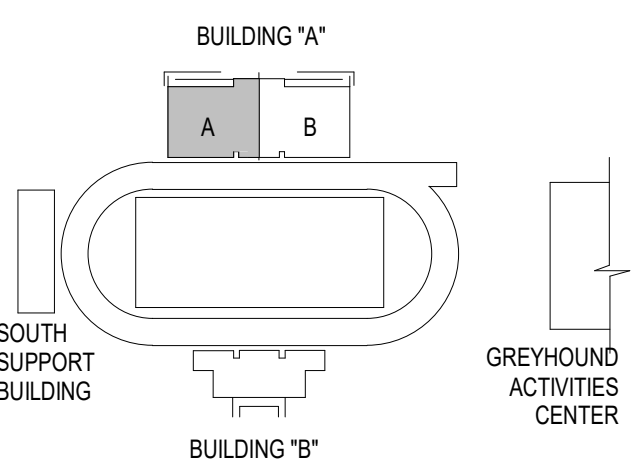
5201 E Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

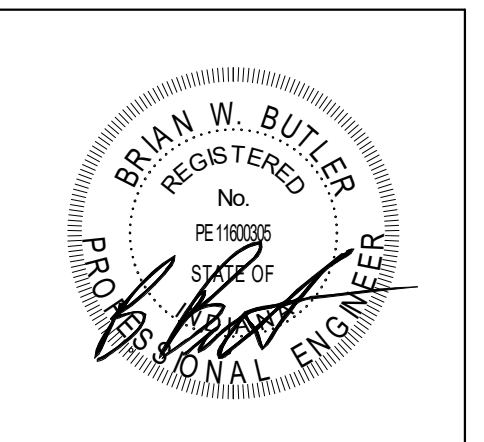


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KEY PLAN

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

FIRST FLOOR ELECTRICAL DEMOLITION PLAN BUILDING A - UNIT A

ED.01















# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E Main Street, Carmel, IN 46033  
317-844-9961

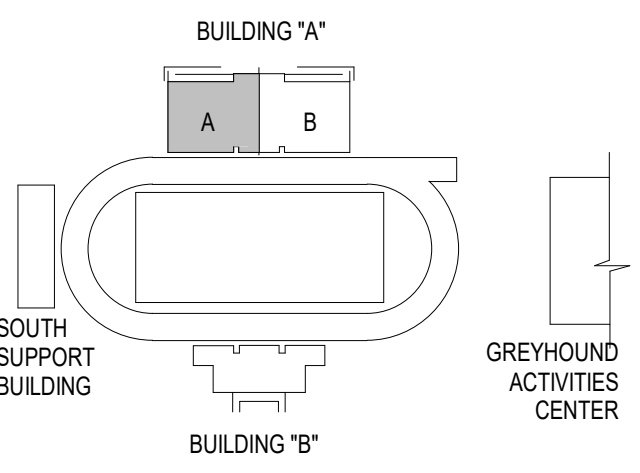


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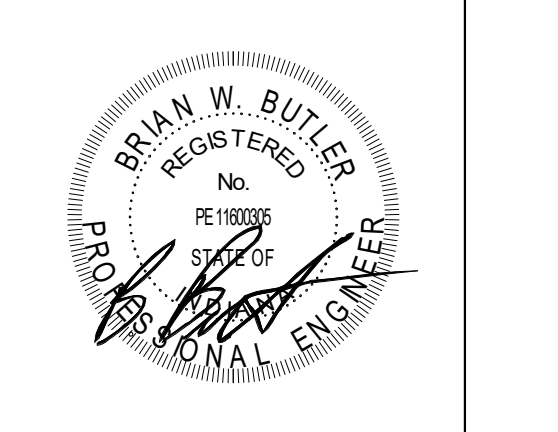
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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



### KEY PLAN

### 100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

### FIRST FLOOR LIGHTING PLAN BUILDING A - UNIT A

# E4.01

WIRE ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS IN THIS UNIT TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN EXISTING EMERGENCY PANELBOARD "SXH1"

ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	256 SF
A102	EQUIPMENT	806 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	78 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	358 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKERS	88 SF
A110	LOCKER ROOM	1749 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	96 SF
A114	ELECTRICAL	239 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	528 SF
A117	OFFICE	111 SF
A118	STORAGE	29 SF
A119	WOMEN	78 SF
A120	WOMEN'S OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR/HALLWAY	528 SF
A124	COACHES	809 SF
A125	FIRE PUMP	160 SF
A126	WOMEN'S OFFICIALS/MANAGERS	153 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	296 SF
A129	TRAINING	895 SF
A130	CLINIC	142 SF
A131	RECOVERY	163 SF

ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A133	STORAGE	102 SF
A134	ELEV. EQPT.	59 SF
A135	IT/DATA CLOSET	48 SF
A136	STUDENT COMMONS	796 SF
A137	HALLWAY	1507 SF
A138	OFFICE	163 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

### GENERAL NOTES - LIGHTING

- GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
- FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUDSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
- RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL "10E102".
- WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTILEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME.
- LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGHOUT SAME ROOM UNLESS OTHERWISE INDICATED.
- PROVIDE NO. 10 AWG. MINIMUM CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

### KEYNOTES

L1	WIRE NEW SECURITY LIGHT FIXTURE TO THE EXISTING SECURITY LIGHTING CIRCUITS AND CONTROLS.
L2	WIRE NEW SECURITY LIGHT FIXTURE TO THE EXISTING LIGHTING CIRCUIT AT THIS LOCATION.
L3	MOUNT NEW SECURITY LIGHT FIXTURE AT THE SAME HEIGHT AS THE EXISTING SECURITY LIGHT FIXTURES IN THIS AREA.
L4	WIRE NEW LIGHT FIXTURES IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT.
L5	WIRE NEW LIGHT FIXTURES IN THIS ROOM TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN THE EXISTING PANELBOARD THAT SERVES THIS AREA.



FIRST FLOOR LIGHTING PLAN BUILDING A - UNIT A  
SCALE: 1/8" = 1'-0"

WIRE ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS IN THIS UNIT TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN EXISTING EMERGENCY PANELBOARD "5X11"

ROOM LEGEND - FIRST FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	MEETING AREA	2377 SF
B102	MECHANICAL	966 SF
B107	VESTIBULE	75 SF
B108	FILM	191 SF
B109	CLASSROOM	744 SF
B110	RESTROOM	42 SF
B111	RESTROOM	42 SF
B112	EQUIP. STORAGE	159 SF
B113	MECHANICAL	285 SF
B114	LOCKER ROOM	2752 SF
B115	SHOWERS	93 SF
B116	RESTROOM	264 SF
B117	RESTROOM	101 SF
B118	COACHES' LOCKER	187 SF
B119	HEAD COACH OFFICE	230 SF
B120	STORAGE	109 SF
B121	VESTIBULE	111 SF
B122	ICE ROOM	93 SF
B123	CUSTODIAL	79 SF
B124	PASSAGE	50 SF
B125	HALLWAY	63 SF
B126	TABLE STORAGE	225 SF

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

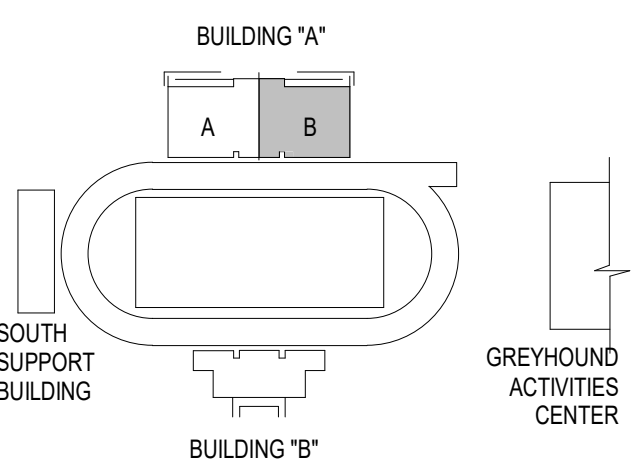
5201 E Main Street, Carmel, IN 46033  
317-844-9961



### ARCHITECT

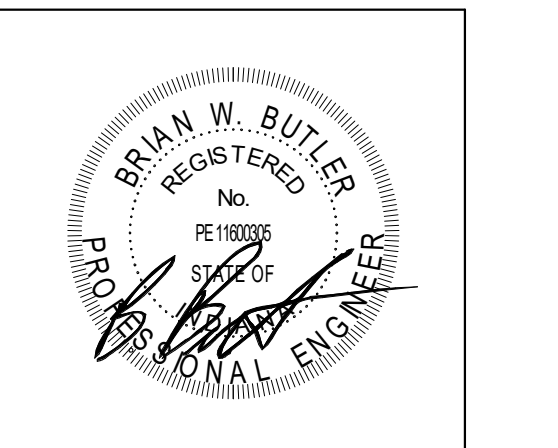


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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



### KEY PLAN

### 100% CONSTRUCTION DOCUMENTS

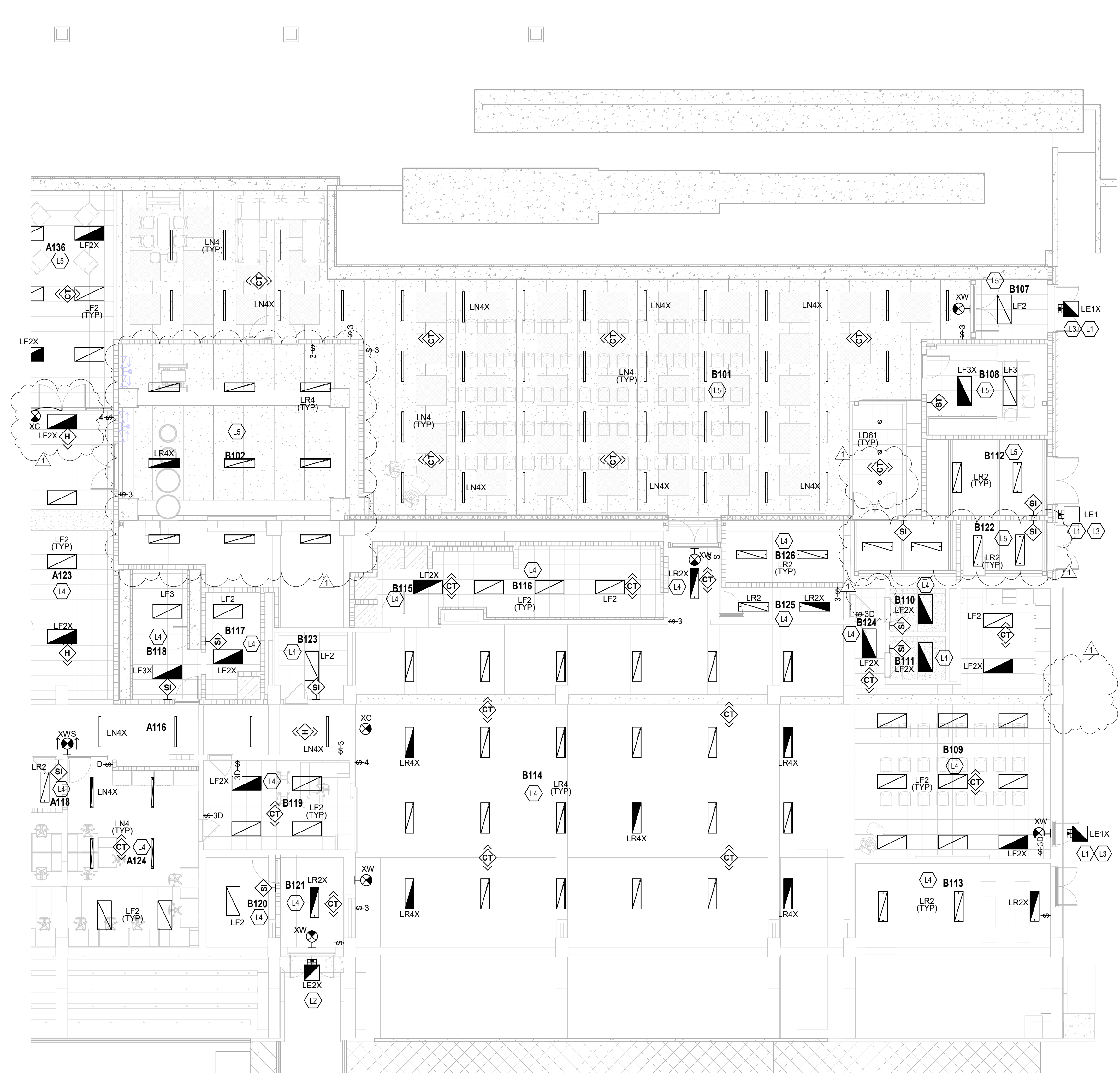


PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

### FIRST FLOOR LIGHTING PLAN BUILDING A - UNIT B

# E4.02



### GENERAL NOTES - LIGHTING

- GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
- FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUSPARKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
- RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL "4061-02".
- WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTILEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME. LUMINAIRE TYPE IS SHOWN ONLY ONCE AS "TYP" IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
- PROVIDE NO. 10 AWG. MINIMUM CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

KEYNOTES	
L1	WIRE NEW SECURITY LIGHT FIXTURE TO THE EXISTING SECURITY LIGHTING CIRCUITS AND CONTROLS.
L2	WIRE NEW SECURITY LIGHT FIXTURE TO THE EXISTING LIGHTING CIRCUIT AT THIS LOCATION.
L3	MOUNT NEW SECURITY FIXTURE AT THE SAME HEIGHT AS THE EXISTING SECURITY LIGHT FIXTURES IN THIS AREA.
L4	WIRE NEW LIGHT FIXTURES IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT.
L5	WIRE NEW LIGHT FIXTURES IN THIS ROOM TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN THE EXISTING PANELBOARD THAT SERVES THIS AREA.

FIRST FLOOR LIGHTING PLAN BUILDING A - UNIT B  
SCALE: 1/8" = 1'-0"

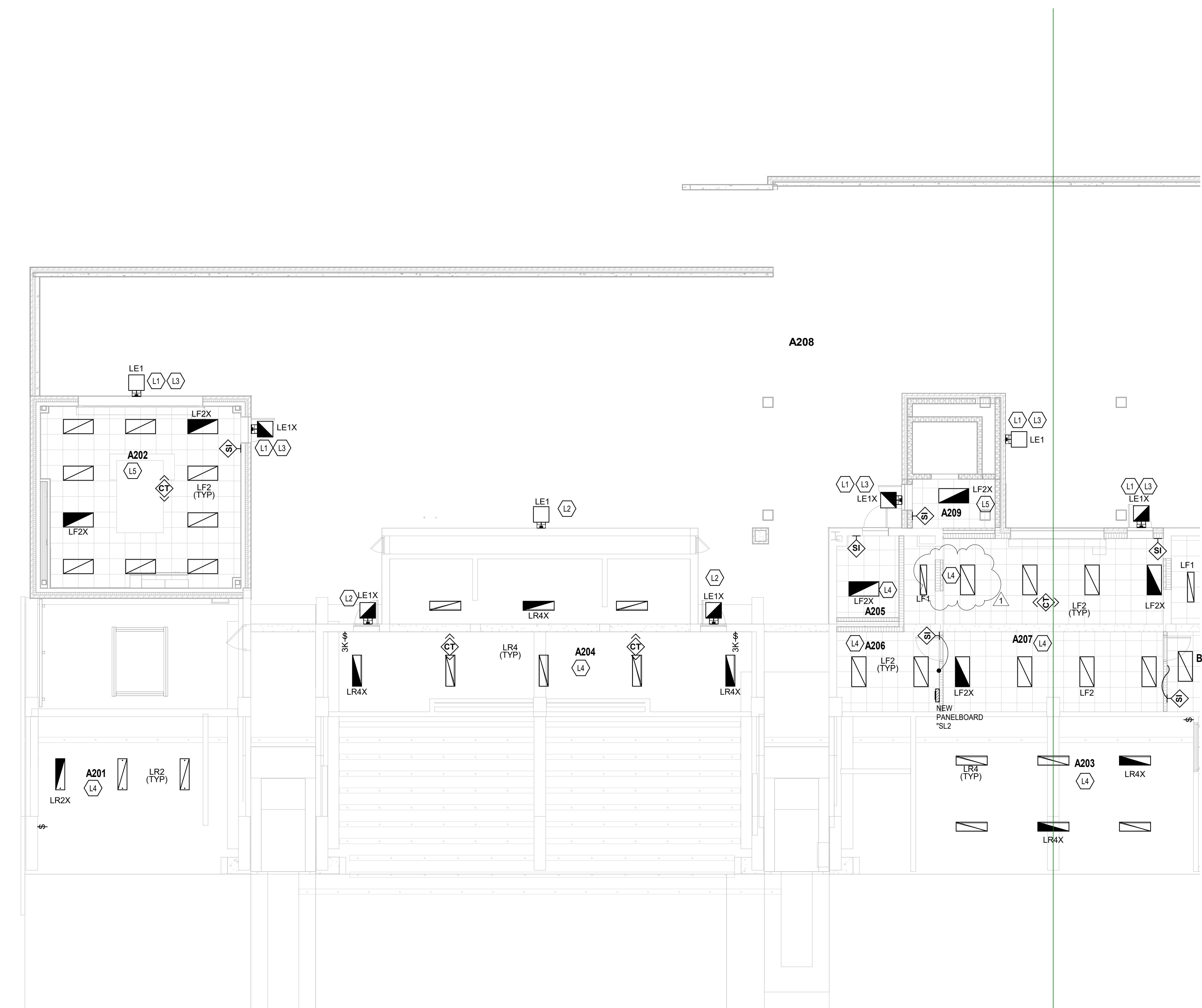
ROOM LEGEND - SECOND FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A201	MECH. MEZZANINE	280 SF
A202	CONCESSIONS	581 SF
A203	MECHANICAL	936 SF
A204	WOMENS BATHROOM	874 SF
A205	FAMILY RESTROOM A205	82 SF
A206	STORAGE	180 SF
A207	SHIRT SHOP	634 SF
A208	CONCOURSE	3943 SF
A209	ELE. LOBBY	67 SF

WIRE ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS IN THIS UNIT TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN EXISTING EMERGENCY PANELBOARD 'SX1'

**GENERAL NOTES - LIGHTING**

- GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% EMERGENCY CONDITION.
- FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUSPEAKERS, DIFFUSERS, GRILLES, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRES. PROVIDE LUMINAIRES COMPATIBLE WITH CEILING TYPE.
- RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL "10E1.02".
- WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP" IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
- PROVIDE NO. 10 AWG. MINIMUM CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

KEYNOTES	
L1	WIRE NEW SECURITY LIGHT FIXTURE TO THE EXISTING SECURITY LIGHTING CIRCUITS AND CONTROLS.
L2	WIRE NEW SECURITY LIGHT FIXTURE TO THE EXISTING LIGHTING CIRCUIT AT THIS LOCATION.
L3	MOUNT NEW SECURITY FIXTURE AT THE SAME HEIGHT AS THE EXISTING SECURITY LIGHT FIXTURES IN THIS AREA.
L4	WIRE NEW LIGHT FIXTURES IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT.
L5	WIRE NEW LIGHT FIXTURES IN THIS ROOM TO A SPARE 20 AMP-1-POLE CIRCUIT BREAKER IN THE EXISTING PANELBOARD THAT SERVES THIS AREA.



**SECOND FLOOR LIGHTING PLAN BUILDING A - UNIT A**  
SCALE: 1/8" = 1'-0"

**222154.00  
CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

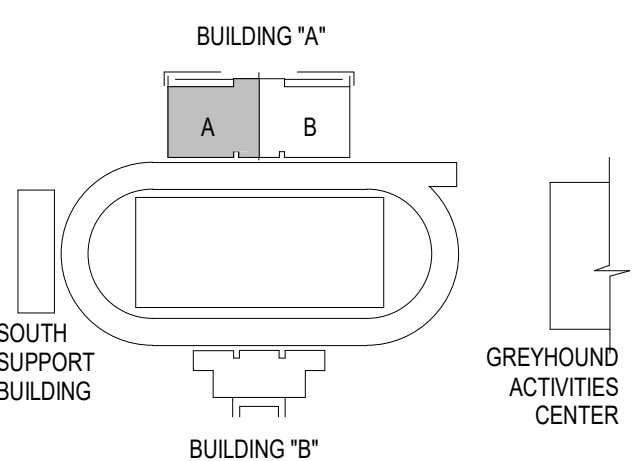
5201 E Main Street, Carmel, IN 46033  
317-844-9961



**ARCHITECT**

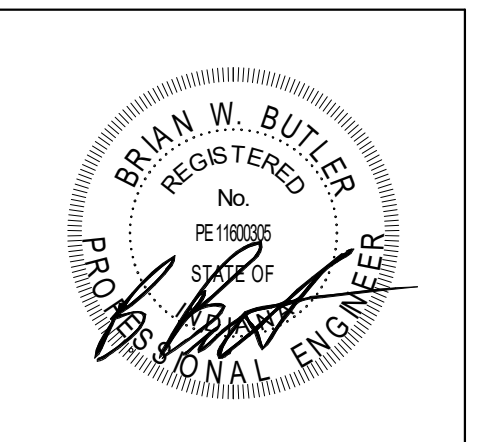


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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

**100% CONSTRUCTION DOCUMENTS**



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

**SECOND FLOOR LIGHTING PLAN  
BUILDING A - UNIT A**

**E4.03**

WIRE ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS IN THIS UNIT TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN EXISTING EMERGENCY PANELBOARD "SH11"

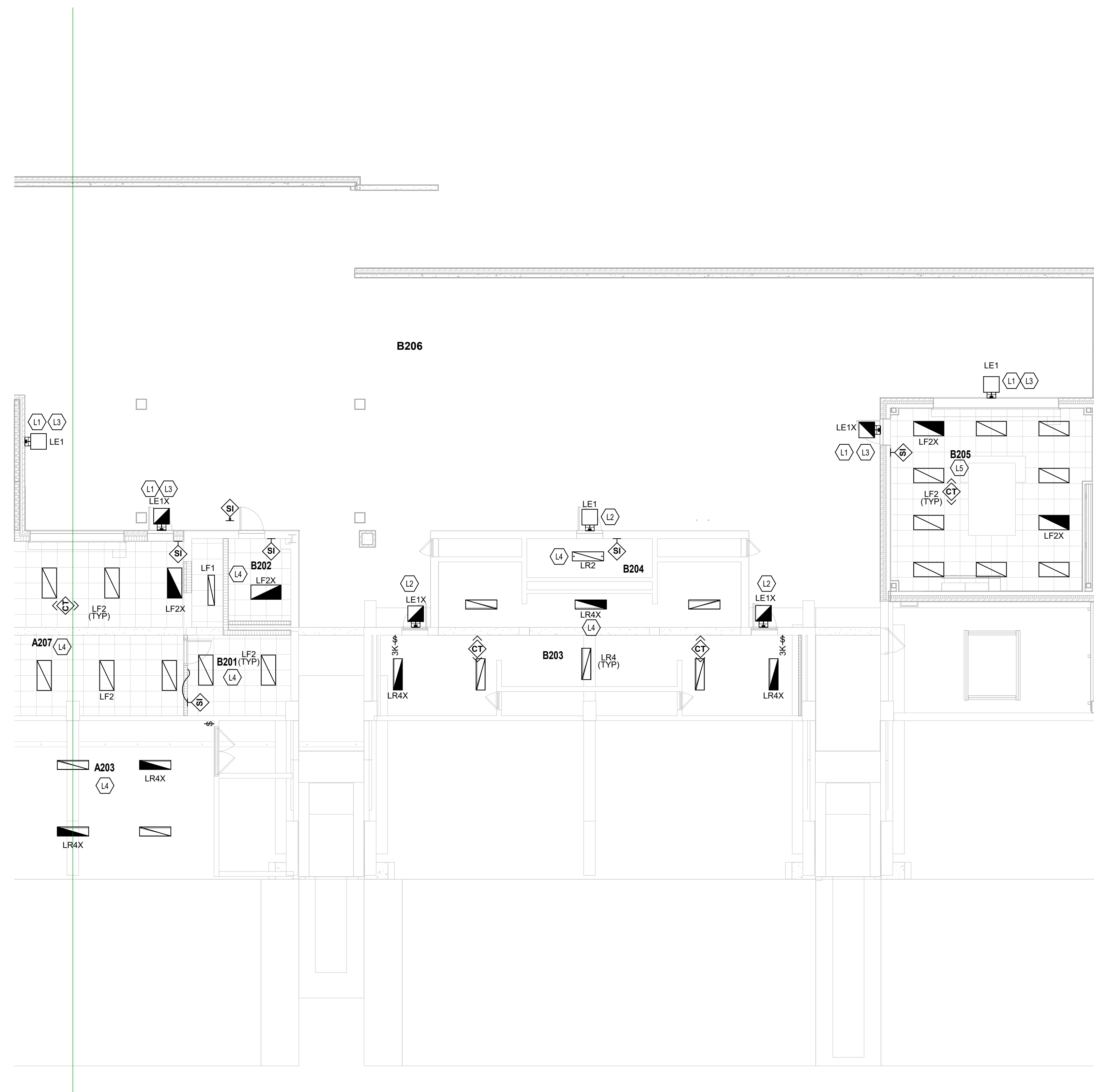
ROOM LEGEND - SECOND FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B201	STORAGE	183 SF
B202	FAMILY	82 SF
B203	MENS BATHROOM	745 SF
B204	CUSTODIAL	80 SF
B205	CONCESSIONS	581 SF
B206	CONCOURSE	4177 SF

**GENERAL NOTES - LIGHTING**

- GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
- FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
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- WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME LUMINAIRE TYPE IS SHOWN ONLY ONCE AS "TYP." IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGH-OUT SAME ROOM UNLESS OTHERWISE INDICATED.
- PROVIDE NO. 10 AWG. MINIMUM CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

**KEYNOTES**

L1	WIRE NEW SECURITY LIGHT FIXTURE TO THE EXISTING SECURITY LIGHTING CIRCUITS AND CONTROLS.
L2	WIRE NEW SECURITY LIGHT FIXTURE TO THE EXISTING LIGHTING CIRCUIT AT THIS LOCATION.
L3	MOUNT NEW SECURITY FIXTURE AT THE SAME HEIGHT AS THE EXISTING SECURITY LIGHT FIXTURES IN THIS AREA.
L4	WIRE NEW LIGHT FIXTURES IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT.
L5	WIRE NEW LIGHT FIXTURES IN THIS ROOM TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN THE EXISTING PANELBOARD THAT SERVES THIS AREA.



**SECOND FLOOR LIGHTING PLAN BUILDING A - UNIT B**  
SCALE: 1/8" = 1'-0"

**222154.00**  
**CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

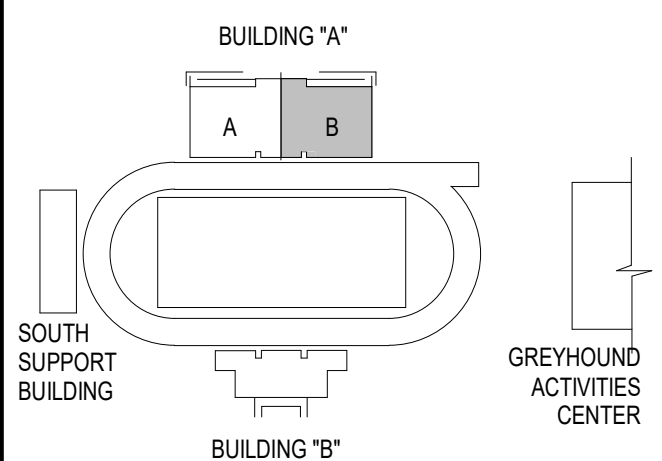
5201 E Main Street, Carmel, IN 46033  
317-844-9961



**ARCHITECT**

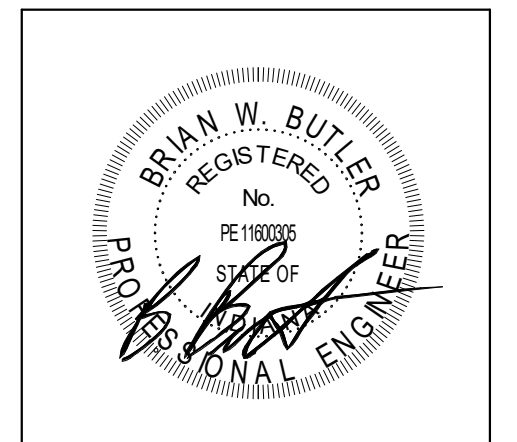
**FANNING HOWEY**

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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

**100% CONSTRUCTION DOCUMENTS**



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

**SECOND FLOOR LIGHTING PLAN BUILDING A - UNIT B**

**E4.04**

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E Main Street, Carmel, IN 46033  
317-844-9961



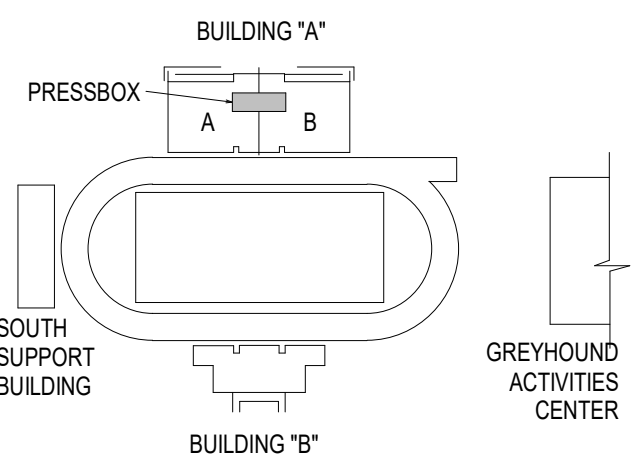
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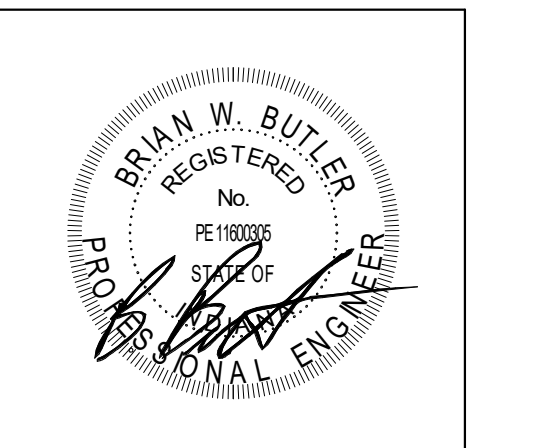
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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



## KEY PLAN

## 100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7/26/2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

THIRD & FOURTH FLOOR (PRESS BOX) LIGHTING PLANS BUILDING A

# E4.05

WIRE ALL EMERGENCY LIGHT FIXTURES AND EXIT SIGNS IN THIS UNIT TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN EXISTING EMERGENCY PANELBOARD "SL1"

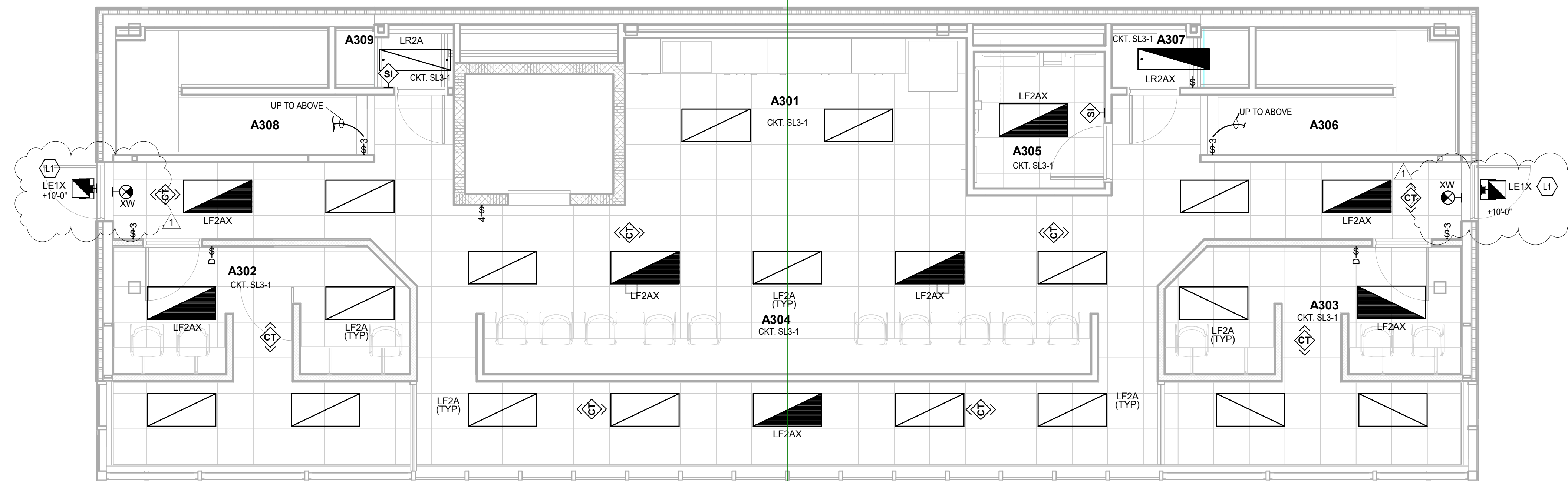
ROOM LEGEND - THIRD FLOOR		
ROOM NO.	ROOM NAME	AREA (SF)
A301	COMMONS	436 SF
A302	BROADCAST MEDIA	203 SF
A303	SCOREBOARD AND PA	204 SF
A304	MEDIA SEATING	525 SF
A305	RESTROOM	56 SF
A306	STAIRS	103 SF
A307	IDF	26 SF
A308	STAIRS	105 SF
A309	CLOSET	23 SF

ROOM LEGEND - FOURTH FLOOR		
ROOM NO.	ROOM NAME	AREA (SF)
A401	COMMONS	588 SF
A402	MECHANICAL	37 SF
A403	C.H.T.V.	107 SF
A404	COACHES	147 SF
A405	CAMERA	118 SF
A406	CAMERA	117 SF
A407	COACHES	147 SF
A408	W.H.J.E.	113 SF
A409	MECHANICAL	38 SF
A411	STAIRS	101 SF
A412	STAIRS	101 SF
A414	RESTROOM	56 SF
A415	MEDIA SEATING	Not Placed

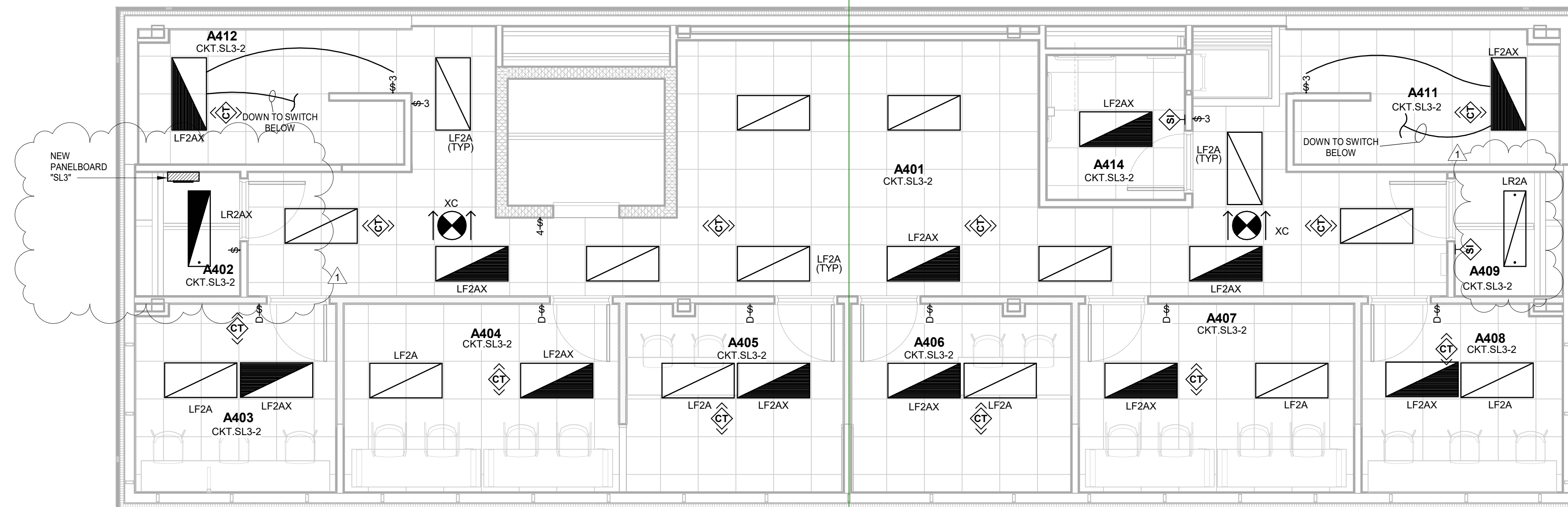
## GENERAL NOTES - LIGHTING

- GENERATOR TRANSFER DEVICE TO TAKE FIXTURE TO 100% IN EMERGENCY CONDITION.
- FINAL CONNECTION TO RECESSED LUMINAIRES SHALL BE WITH FLEXIBLE METALLIC CONDUIT, MC CABLE OR MANUFACTURED WIRING SYSTEM.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR LOCATION OF LUMINAIRES. COORDINATE LOCATION OF LUMINAIRES, LOUSPEAKERS, DIFFUSERS, GRILLS, AND OTHER CEILING INSTALLED ELEMENTS WITH THEIR RESPECTIVE INSTALLERS.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN AND ROOM FINISH SCHEDULE TO DETERMINE PROPER TYPE OF LUMINAIRE TRIM REQUIRED FOR CEILING TYPE PRIOR TO ORDERING LUMINAIRE. PROVIDE LUMINAIRE COMPATIBLE WITH CEILING TYPE.
- RECESSED LUMINAIRE IN GRID CEILING SYSTEMS SHALL BE PROVIDED WITH SEISMIC CLIPS OR PROVIDE ATTACHMENT TO CEILING GRID SYSTEM AND SUPPORTED PER PROJECT MANUAL AND DETAIL "M16.02"
- WHERE TWO SWITCHES ARE SHOWN ON PLAN CONNECTED TO THE SAME LIGHT FIXTURE, CONTRACTOR SHALL WIRE TO PROVIDE MULTI-LEVEL LIGHTING. ONE SWITCH SHALL ENERGIZE THE INBOARD LAMPS AND ONE SWITCH SHALL ENERGIZE THE OUTBOARD LAMPS. ALL ROOMS SHALL BE WIRED THE SAME. LUMINAIRE TYPE IS SHOWN ONLY ONCE, AS "TYP" IN EVERY ROOM. PROVIDE SAME TYPE OF LUMINAIRE THROUGHOUT SAME ROOM UNLESS OTHERWISE INDICATED.
- PROVIDE NO. 10 AWG, MINIMUM, CONDUCTORS FOR EXIT SIGNS AND SECURITY LIGHT CIRCUITS.

KEYNOTES	
L1	WIRE NEW SECURITY LIGHT FIXTURE TO THE EXISTING SECURITY LIGHTING CIRCUITS AND CONTROLS.



PRESS BOX THIRD FLOOR LIGHTING PLAN  
SCALE: 1/4" = 1'-0"



PRESS BOX FOURTH FLOOR LIGHTING PLAN  
SCALE: 1/4" = 1'-0"

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

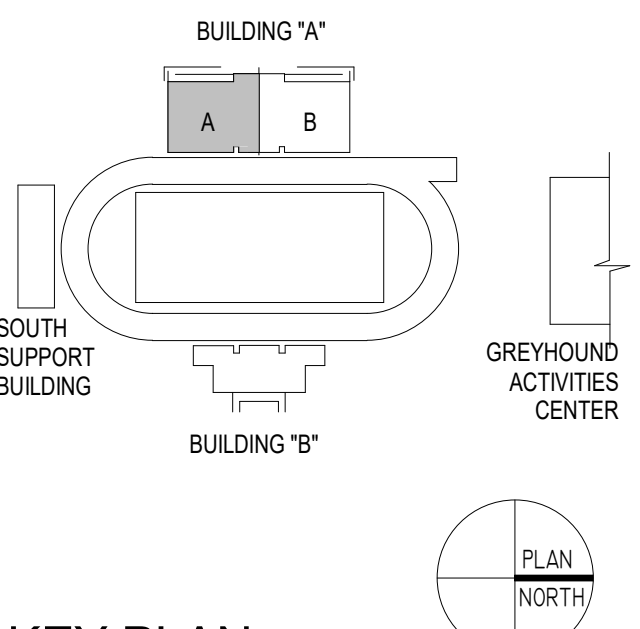
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317-844-9961



ARCHITECT

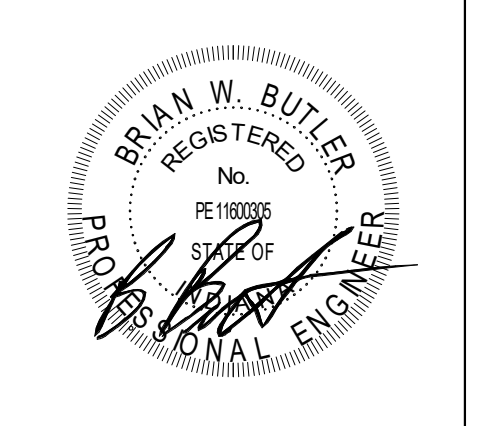


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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



### KEY PLAN

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7/26/2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

FIRST FLOOR POWER PLAN  
BUILDING A - UNIT A

# E5.01

### ROOM LEGEND - FIRST FLOOR UNIT A

ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	256 SF
A102	EQUIPMENT	806 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	78 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	338 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKERS	88 SF
A110	LOCKER ROOM	1749 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	96 SF
A114	ELECTRICAL	239 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	528 SF
A117	OFFICE	111 SF
A118	STORAGE	29 SF
A119	WOMEN	78 SF
A120	WOMEN'S OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR/HALLWAY	528 SF
A124	COACHES	809 SF
A125	FIRE PUMP	160 SF
A126	WOMEN'S OFFICIALS/MANAGERS	153 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	296 SF
A129	TRAINING	895 SF
A130	CLINIC	142 SF
A131	RECOVERY	163 SF

### ROOM LEGEND - FIRST FLOOR UNIT A

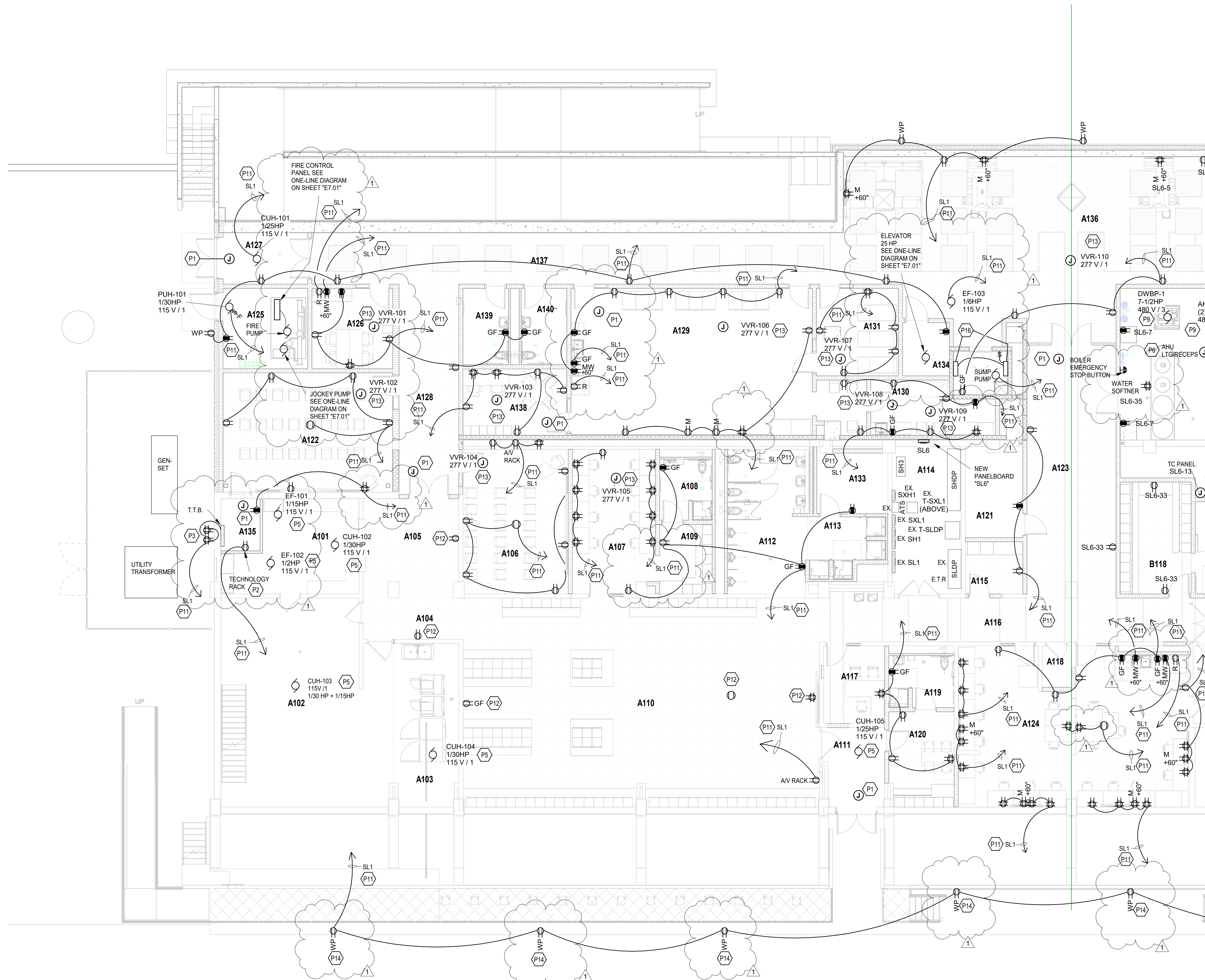
ROOM NO.	ROOM NAME	AREA (SF)
A133	STORAGE	102 SF
A134	ELEV. EQPT.	59 SF
A135	IT/DATA CLOSET	48 SF
A136	STUDENT COMMONS	796 SF
A137	HALLWAY	1507 SF
A138	OFFICE	163 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

### GENERAL NOTES - POWER

- PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
- VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET 96" A.F.F. UNO.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK. LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
- PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
- CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
- REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER REC.
- REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
- ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
- ALL EXISTING RECEPTACLES INSIDE AND OUTSIDE OF THE BUILDING THAT ARE TO REMAIN ARE TO BE REPLACED WITH NEW DEVICES AND COVER PLATES, AND WIRE BACK TO EXISTING CONDUCTORS.

### KEYNOTES

P1	SECURITY JUNCTION BOX MOUNTED ABOVE THE CEILING FOR THE DOOR SECURITY DEVICES. WIRE TO NEAREST DUPLEX RECEPTACLE CIRCUIT IN THIS ROOM.
P2	TECHNOLOGY RACK (TR) RECEPTACLES. COORDINATE MOUNTING LOCATION AND INSTALLATION REQUIREMENTS WITH THE TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE #10 CONDUCTORS.
P3	TECHNOLOGY RACK (TR) BOARD RECEPTACLES. REFER TO DETAIL 41E102 FOR MOUNTING LOCATIONS AND INSTALLATION REQUIREMENTS. PROVIDE #10 CONDUCTORS.
P5	WIRE NEW MECHANICAL UNIT TO EXISTING CIRCUIT FROM MECHANICAL UNIT THAT WAS REMOVED.
P6	WIRE AHU LIGHTS AND RECEPTABLES TO THE EXISTING RECEPTACLE CIRCUIT IN THIS ROOM.
P9	WIRE NEW MECHANICAL UNIT TO A NEW 20 AMP, 3-POLE CIRCUIT BREAKER IN THE NEAREST 277/480V PANELBOARD WITH SPARE CAPACITY.
P11	WIRE TO A SPARE 20 AMP, 1-POLE CIRCUIT BREAKER IN THE EXISTING DESIGNATED PANELBOARD.
P12	WIRE NEW DUPLEX RECEPTACLE TO THE EXISTING DUPLEX RECEPTACLE CIRCUIT IN THIS ROOM.
P13	WIRE THE NEW WIR MECHANICAL UNITS TOGETHER TO ONE 20AMP, 1-POLE CIRCUIT BREAKER IN THE NEAREST 277/480V PANELBOARD WITH SPARE CAPACITY.
P14	MOUNT RECEPTACLE TO THE GRANDSTAND COLUMN AT THIS LOCATION.
P16	COORDINATE THE LOCATION OF THE LIGHT SWITCH AND LIGHT FIXTURES IN THE ELEVATOR PIT WITH THE ELEVATOR INSTALLER PRIOR TO ROUGH-IN. TAP THE SOURCE SIDE OF THE PIT RECEPTACLE FOR THE 120V LIGHT FIXTURES. LIGHT FIXTURES ARE TO BE 2-FOOT LONG WALL MOUNTED, WITH CLEAR PRISMATIC LENS. MANUFACTURER IS TO BE LITHONIA VSL SERIES, OR APPROVED EQUAL.



FIRST FLOOR POWER PLAN BUILDING A - UNIT A  
SCALE: 1/8" = 1'-0"

ROOM LEGEND - FIRST FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	MEETING AREA	2377 SF
B102	MECHANICAL	966 SF
B107	VESTIBULE	75 SF
B108	FILM	191 SF
B109	CLASSROOM	744 SF
B110	RESTROOM	42 SF
B111	RESTROOM	42 SF
B112	EQUIP. STORAGE	159 SF
B113	MECHANICAL	285 SF
B114	LOCKER ROOM	2752 SF
B115	SHOWERS	95 SF
B116	RESTROOM	254 SF
B117	RESTROOM	101 SF
B118	COACHES' LOCKER	187 SF
B119	HEAD COACH OFFICE	230 SF
B120	STORAGE	109 SF
B121	VESTIBULE	111 SF
B122	ICE ROOM	93 SF
B123	CUSTODIAL	79 SF
B124	PASSAGE	50 SF
B125	HALLWAY	63 SF
B126	TABLE STORAGE	226 SF

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## GENERAL NOTES - POWER

- PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
- VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 96" A.F.F. UNO.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
- PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
- CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
- REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
- REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
- ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
- ALL EXISTING RECEPTACLES INSIDE AND OUTSIDE OF THE BUILDING THAT ARE TO REMAIN ARE TO BE REPLACED WITH NEW DEVICES AND COVER PLATES, AND WIRE BACK TO EXISTING CONDUCTORS.

## CARMEL CLAY SCHOOLS

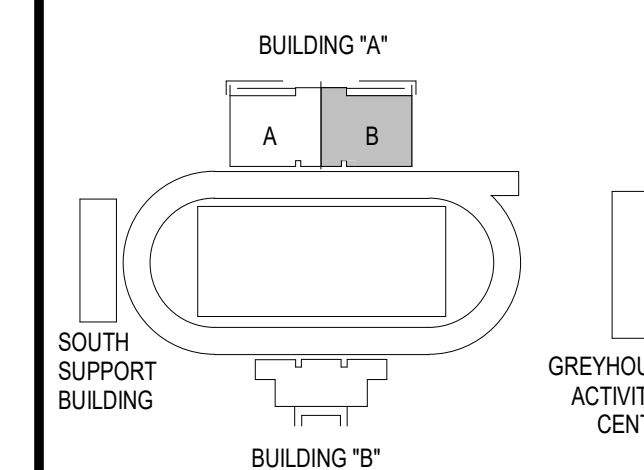
5201 E Main Street, Carmel, IN 46033  
317-844-9961



## ARCHITECT

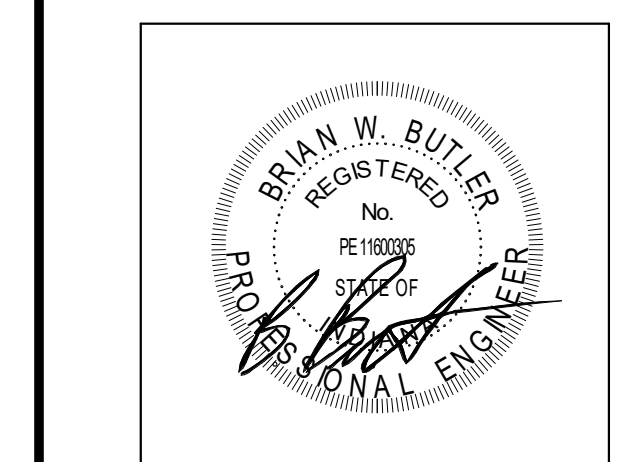


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## KEY PLAN

## 100% CONSTRUCTION DOCUMENTS

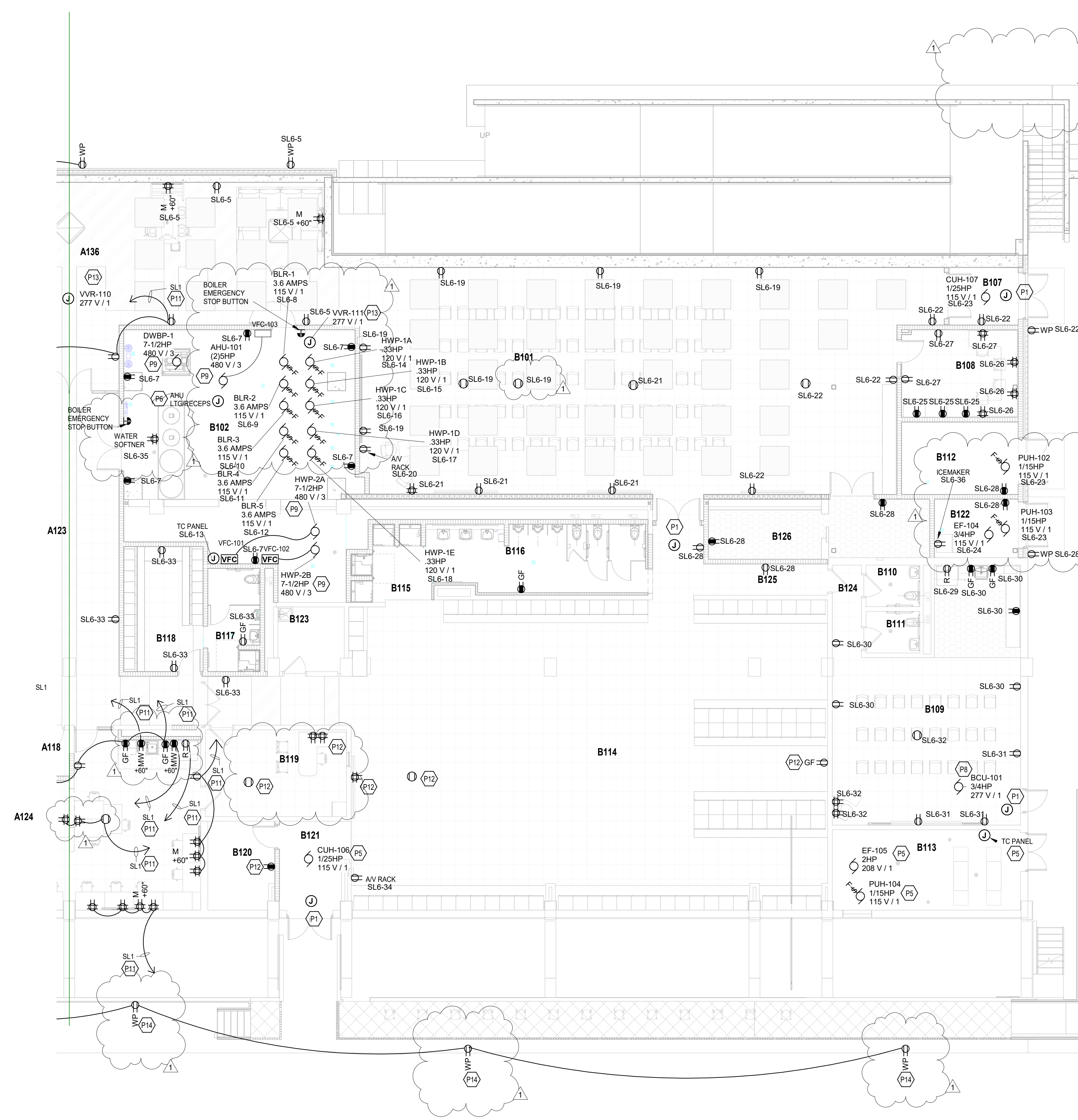


PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

## FIRST FLOOR POWER PLAN BUILDING A - UNIT B

# E5.02



FIRST FLOOR POWER PLAN BUILDING A - UNIT B  
SCALE: 1/8" = 1'-0"

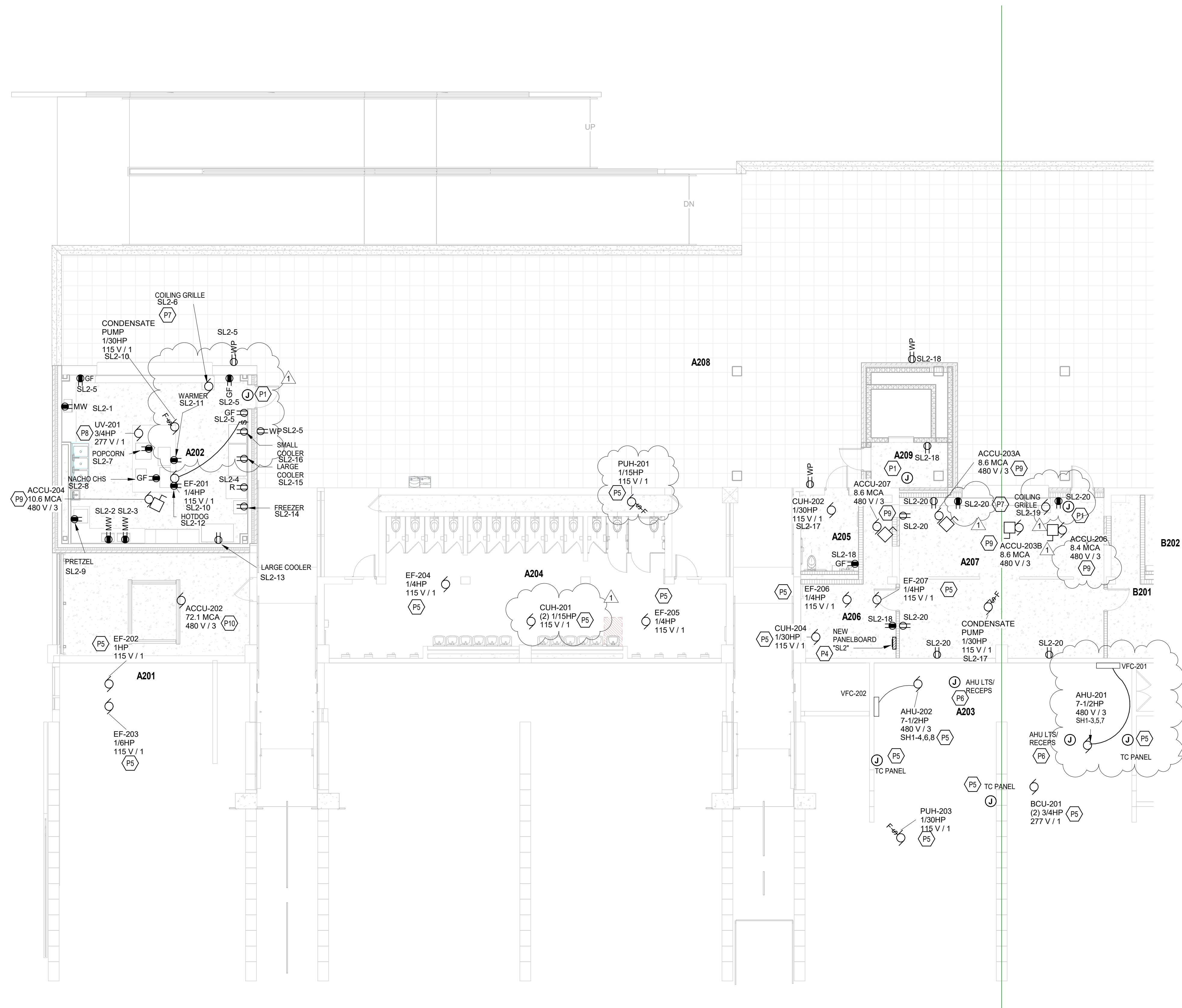
ROOM LEGEND - SECOND FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A201	MECH. MEZZANINE	280 SF
A202	CONCESSIONS	581 SF
A203	MECHANICAL	836 SF
A204	WOMENS BATHROOM	874 SF
A205	FAMILY RESTROOM A205	82 SF
A206	STORAGE	180 SF
A207	SPIRIT SHOP	634 SF
A208	CONCOURSE	3943 SF
A209	ELE. LOBBY	67 SF

**GENERAL NOTES - POWER**

- PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION. VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, 8" AFF. UNO.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
- PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
- CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED 3% (IN C.) REQUIREMENTS.
- REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
- REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
- ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
- ALL EXISTING RECEPTACLES INSIDE AND OUTSIDE OF THE BUILDING THAT ARE TO REMAIN ARE TO BE REPLACED WITH NEW DEVICES AND COVER PLATES, AND WIRE BACK TO EXISTING CONDUCTORS.

**KEYNOTES**

KEYNOTE	DESCRIPTION
P1	SECURITY JUNCTION BOX MOUNTED ABOVE THE CEILING FOR THE DOOR SECURITY DEVICES. WIRE TO NEAREST DUPLEX RECEPTACLE CIRCUIT IN THIS ROOM.
P4	NEW PANELBOARD "SL2" EXTEND ALL EXISTING CIRCUITS THAT ARE TO BE RE-USED FROM THE OLD PANELBOARD "SL2" TO THIS LOCATION.
P5	WIRE NEW MECHANICAL UNIT TO EXISTING CIRCUIT FROM MECHANICAL UNIT THAT WAS REMOVED.
P6	WIRE AHU LIGHTS AND RECEPTACLES TO THE EXISTING RECEPTACLE CIRCUIT IN THIS ROOM.
P7	CONTROLLER FOR COILING GRILLE IS BY THE UNIT MANUFACTURER AND INSTALLED BY THE DIVISION/AS CONTRACTOR PER THE MANUFACTURERS REQUIREMENTS. VERIFY THE EXACT LOCATION IN THE FIELD WITH THE MANUFACTURER PRIOR TO ROUGH-IN.
P8	WIRE NEW MECHANICAL UNIT TO A SPARE 20AMP, 1-POLE CIRCUIT BREAKER IN THE NEAREST 1771480 PANELBOARD WITH SPARE CAPACITY.
P9	WIRE NEW MECHANICAL UNIT TO A NEW 20 AMP, 3-POLE CIRCUIT BREAKER IN THE NEAREST 1771480V PANELBOARD WITH SPARE CAPACITY.
P10	WIRE NEW MECHANICAL UNIT TO A NEW 100 AMP, 3-POLE BREAKER IN THE EXISTING SWITCHBOARD. WIRE WITH #8, 18, 1" C.



**SECOND FLOOR POWER PLAN BUILDING A - UNIT A**  
SCALE: 1/8" = 1'-0"

**222154.00**  
**CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

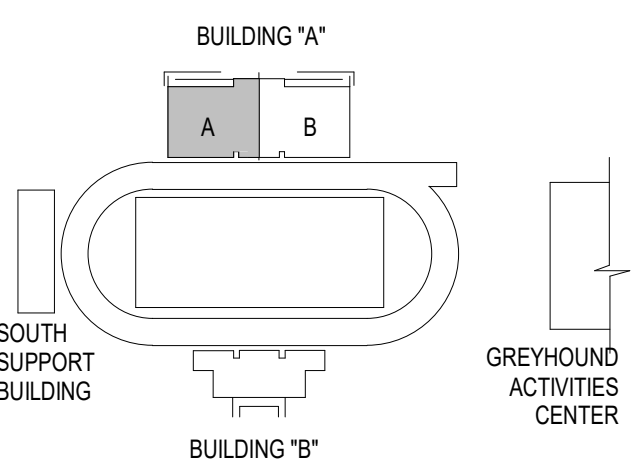
5201 E Main Street, Carmel, IN 46033  
317-844-9961



**ARCHITECT**

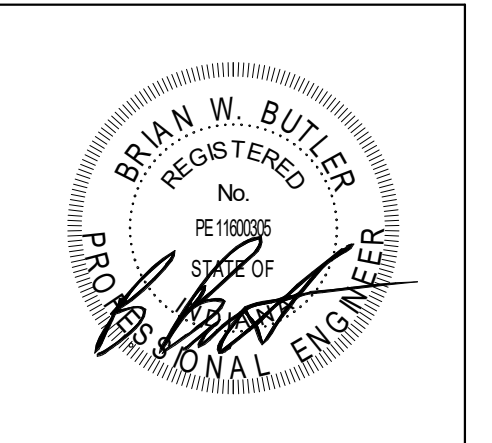


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350 E NEW YORK ST, SUITE 300, INDIANAPOLIS IN 46204



**KEY PLAN**

**100% CONSTRUCTION DOCUMENTS**



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

**SECOND FLOOR POWER PLAN BUILDING A - UNIT A**

**E5.03**

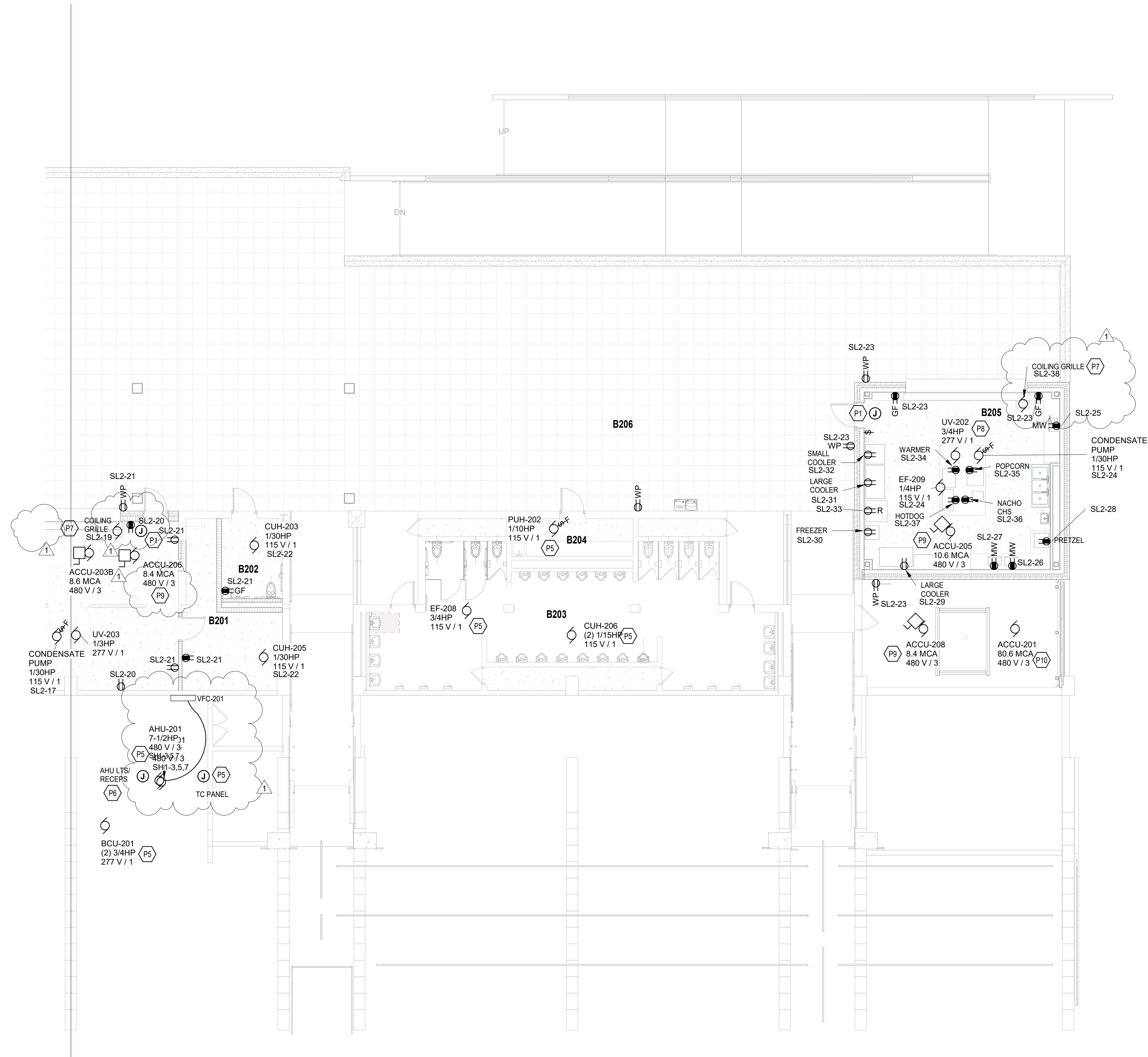


ROOM LEGEND - SECOND FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B201	STORAGE	183 SF
B202	FAMILY	82 SF
B203	MENS BATHROOM	745 SF
B204	CUSTODIAL	80 SF
B205	CONCESSIONS	581 SF
B206	CONCOURSE	4177 SF

**GENERAL NOTES - POWER**

- PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
- VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET, OR A.F.F. UNO.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
- PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
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- REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
- REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
- ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
- ALL EXISTING RECEPTACLES INSIDE AND OUTSIDE OF THE BUILDING THAT ARE TO REMAIN ARE TO BE REPLACED WITH NEW DEVICES AND COVER PLATES, AND WIRE BACK TO EXISTING CONDUCTORS.

KEYNOTES	
P1	SECURITY JUNCTION BOX MOUNTED ABOVE THE CEILING FOR THE DOOR SECURITY DEVICES. WIRE TO NEAREST DUPLEX RECEPTACLE CIRCUIT IN THIS ROOM.
P5	WIRE NEW MECHANICAL UNIT TO EXISTING CIRCUIT FROM MECHANICAL UNIT THAT WAS REMOVED.
P6	WIRE AHU LIGHTS AND RECEPTACLES TO THE EXISTING RECEPTACLE CIRCUIT IN THIS ROOM.
P7	CONTROLLER FOR COILING GRILLE IS BY THE UNIT MANUFACTURER AND INSTALLED BY THE DIVISION 26 CONTRACTOR PER THE MANUFACTURERS REQUIREMENTS. VERIFY THE EXACT LOCATION IN THE FIELD WITH THE MANUFACTURER PRIOR TO ROUGH-IN.
P8	WIRE NEW MECHANICAL UNIT TO A SPARE 20AMP, 1-POLE CIRCUIT BREAKER IN THE NEAREST 277/480 PANELBOARD WITH SPARE CAPACITY.
P9	WIRE NEW MECHANICAL UNIT TO A NEW 20 AMP, 3-POLE CIRCUIT BREAKER IN THE NEAREST 277/480V PANELBOARD WITH SPARE CAPACITY.
P10	WIRE NEW MECHANICAL UNIT TO A NEW 100 AMP, 3-POLE BREAKER IN THE EXISTING SWITCHBOARD. WIRE WITH 4/0, 190, 1.5" C.



**SECOND FLOOR POWER PLAN BUILDING A - UNIT B**  
SCALE: 1/8" = 1'-0"

**222154.00**  
**CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT**

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

**CARMEL CLAY SCHOOLS**

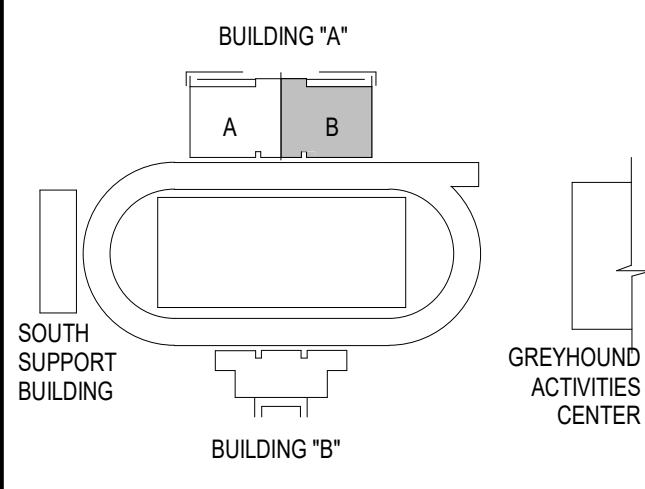
5201 E Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

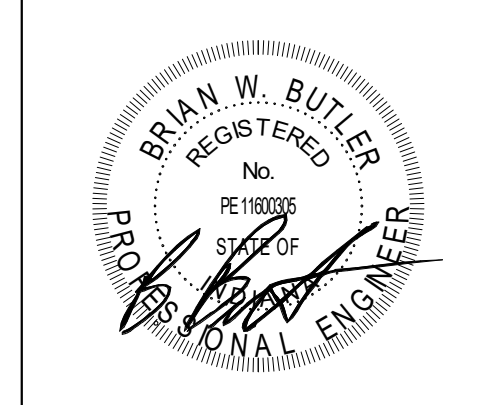
**FANNING HOWEY**

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**KEY PLAN**

**100% CONSTRUCTION DOCUMENTS**



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

**SECOND FLOOR POWER PLAN BUILDING A - UNIT B**

**E5.04**

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

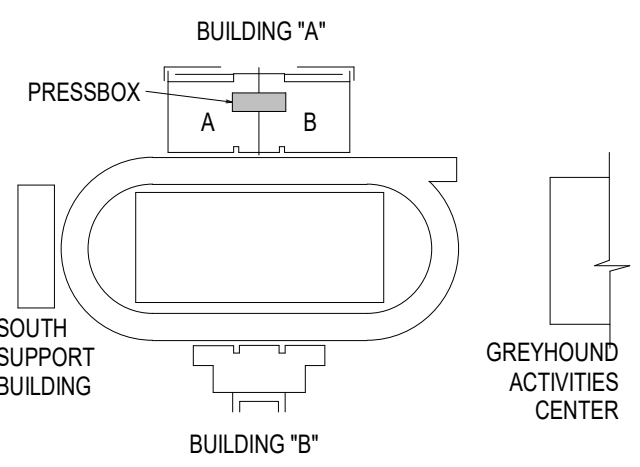
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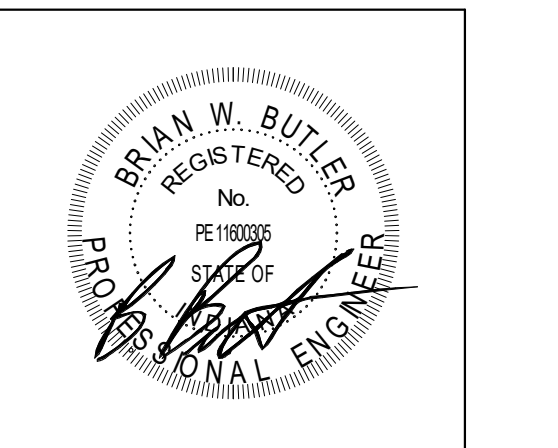


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350 E. NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204



### KEY PLAN

### 100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

THIRD AND FOURTH FLOOR (PRESSBOX) POWER PLANS - UNIT A

# E5.05

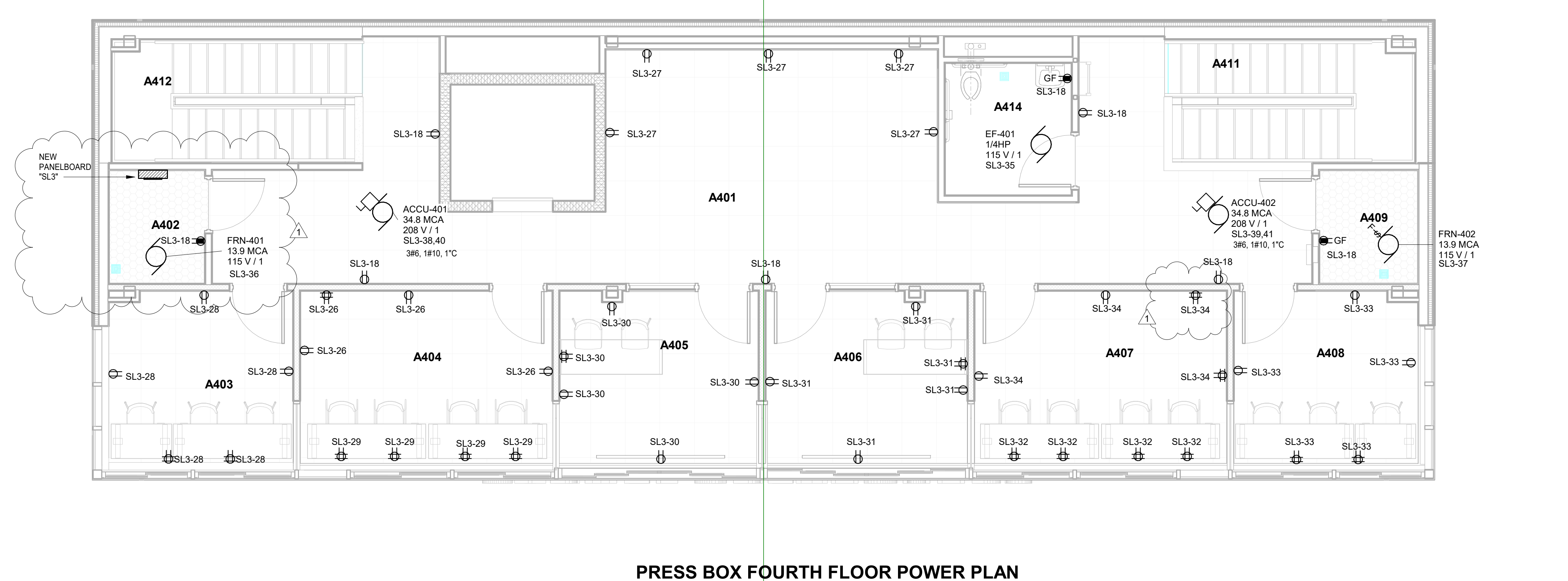
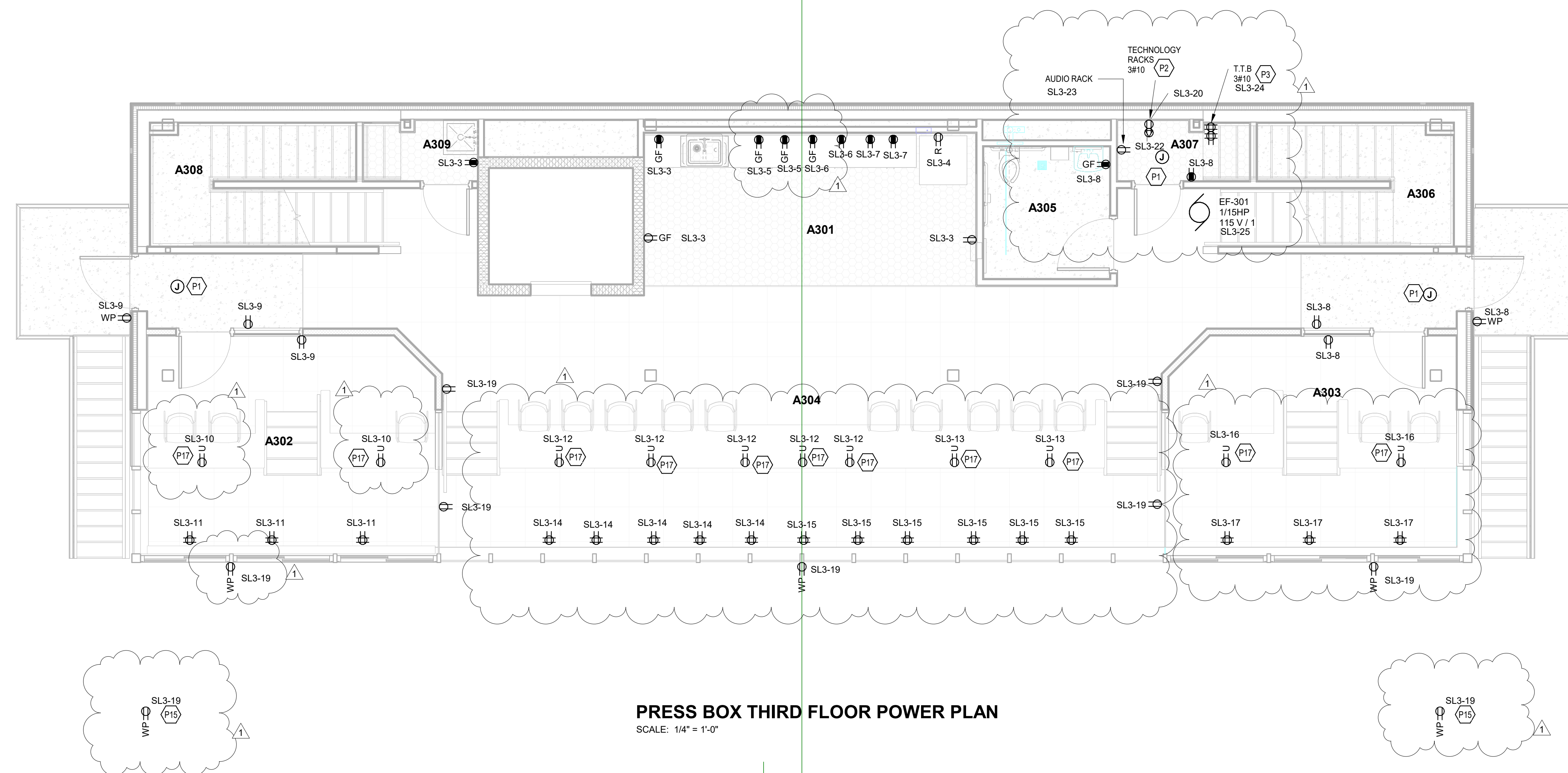
ROOM LEGEND - THIRD FLOOR		
ROOM NO.	ROOM NAME	AREA (SF)
A301	COMMONS	436 SF
A302	BROADCAST MEDIA	203 SF
A303	SCOREBOARD AND PA	204 SF
A304	MEDIA SEATING	625 SF
A305	RESTROOM	66 SF
A306	STAIRS	105 SF
A307	IDF	26 SF
A308	STAIRS	105 SF
A309	CLOSET	23 SF

ROOM LEGEND - FOURTH FLOOR		
ROOM NO.	ROOM NAME	AREA (SF)
A401	COMMONS	588 SF
A402	MECHANICAL	37 SF
A403	C.H.T.V.	107 SF
A404	COACHES	147 SF
A405	CAMERA	116 SF
A406	CAMERA	117 SF
A407	COACHES	147 SF
A408	W.H.J.E.	113 SF
A409	MECHANICAL	38 SF
A411	STAIRS	100 SF
A412	STAIRS	101 SF
A414	RESTROOM	66 SF
A415	MEDIA SEATING	Not Placed

### GENERAL NOTES - POWER

- PROVIDE REVISED TYPED PANELBOARD DIRECTORIES FOR EACH PANELBOARD ADDED OR MODIFIED DURING CONSTRUCTION. FIELD VERIFY EXISTING CIRCUIT INFORMATION WITH OWNER'S ASSISTANCE TO ENSURE FINAL DIRECTORY IS ACCURATE. UNUSED SPARE BREAKERS SHALL BE IN THE OFF POSITION.
- VIDEO PROJECTOR RECEPTACLE TO BE MOUNTED ABOVE WALL MOUNTED PROJECTOR BRACKET 96" A.F.F. UNO.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS AND CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- LABEL EACH RECEPTACLE WITH THE PANEL NAME AND CIRCUIT NUMBER ON THE FACE OF EACH COVER PLATE WITH A TYPED LAMINATED LABEL.
- PROVIDE "GFCI PROTECTED" LABEL ON COVER PLATE FOR ANY GFCI PROTECTED DEVICE.
- CONTRACTOR SHALL INCREASE CIRCUIT CONDUCTOR SIZE TO COMPENSATE FOR VOLTAGE DROP DUE TO EXCESSIVE CIRCUIT LENGTHS. IN NO CASE SHALL VOLTAGE DROP EXCEED NFPA 70 (N.E.C.) REQUIREMENTS.
- REFER TO MECHANICAL PLANS FOR LOCATION OF MECHANICAL EQUIPMENT. LOCATE DISCONNECT SWITCHES PER NEC.
- REFER TO "CONTROL SCHEMATICS" MECHANICAL DRAWINGS FOR ADDITIONAL CONTROL WIRING AND CONTROL CONNECTIONS.
- ALL DEVICES, EQUIPMENT, FIXTURES, AND THE LIKE, SHALL BE BONDED WITH A PROPERLY SIZED EQUIPMENT GROUNDING CONDUCTOR. MAINTAIN MECHANICAL/ELECTRICAL BONDS OF METALLIC RACEWAY SYSTEM.
- ALL EXISTING RECEPTACLES INSIDE AND OUTSIDE OF THE BUILDING THAT ARE TO REMAIN ARE TO BE REPLACED WITH NEW DEVICES AND COVER PLATES, AND WIRE BACK TO EXISTING CONDUCTORS.

KEYNOTES	
P1	SECURITY JUNCTION BOX MOUNTED ABOVE THE CEILING FOR THE DOOR SECURITY DEVICES. WIRE TO NEAREST DUPLEX RECEPTACLE CIRCUIT IN THIS ROOM.
P2	TECHNOLOGY RACK (IDF) RECEPTACLES. COORDINATE MOUNTING LOCATION AND INSTALLATION REQUIREMENTS WITH THE TECHNOLOGY CONTRACTOR PRIOR TO ROUGH-IN. PROVIDE #10 CONDUCTORS.
P3	TECHNOLOGY RACK T.T.B. BOARD RECEPTACLES. REFER TO DETAIL "E1.02" FOR MOUNTING LOCATIONS AND INSTALLATION REQUIREMENTS. PROVIDE #10 CONDUCTORS.
P15	PROVIDE A PEDESTAL TYPE DUPLEX RECEPTACLE AT THIS LOCATION FOR POWER TO THE CAMERA.
P17	PROVIDE AN IN-SURFACE FLIP-UP POWER UNIT WITH TWO DUPLEX RECEPTACLES AND ONE USB RECEPTACLE. MOUNT PCS820, MATTE WHITE TO BE MOUNTED IN THE TOP OF HALF WALL.



ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A133	STORAGE	102 SF
A134	ELEV. EQPT	59 SF
A135	IT/DATA CLOSET	46 SF
A136	STUDENT COMMONS	736 SF
A137	HALLWAY	1507 SF
A138	OFFICE	163 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	256 SF
A102	EQUIPMENT	806 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	78 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	358 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKERS	88 SF
A110	LOCKER ROOM	1749 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	98 SF
A114	ELECTRICAL	239 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	528 SF
A117	OFFICE	111 SF
A118	STORAGE	23 SF
A119	WOMEN	78 SF
A120	WOMEN'S OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR/HALLWAY	528 SF
A124	COACHES	809 SF
A125	FIRE PUMP	160 SF
A126	WOMEN'S OFFICIALS/MANAGERS	153 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	298 SF
A129	TRAINING	895 SF
A130	CLINIC	142 SF
A131	RECOVERY	163 SF

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E. Main Street, Carmel, IN 46033  
317-844-9961



ARCHITECT

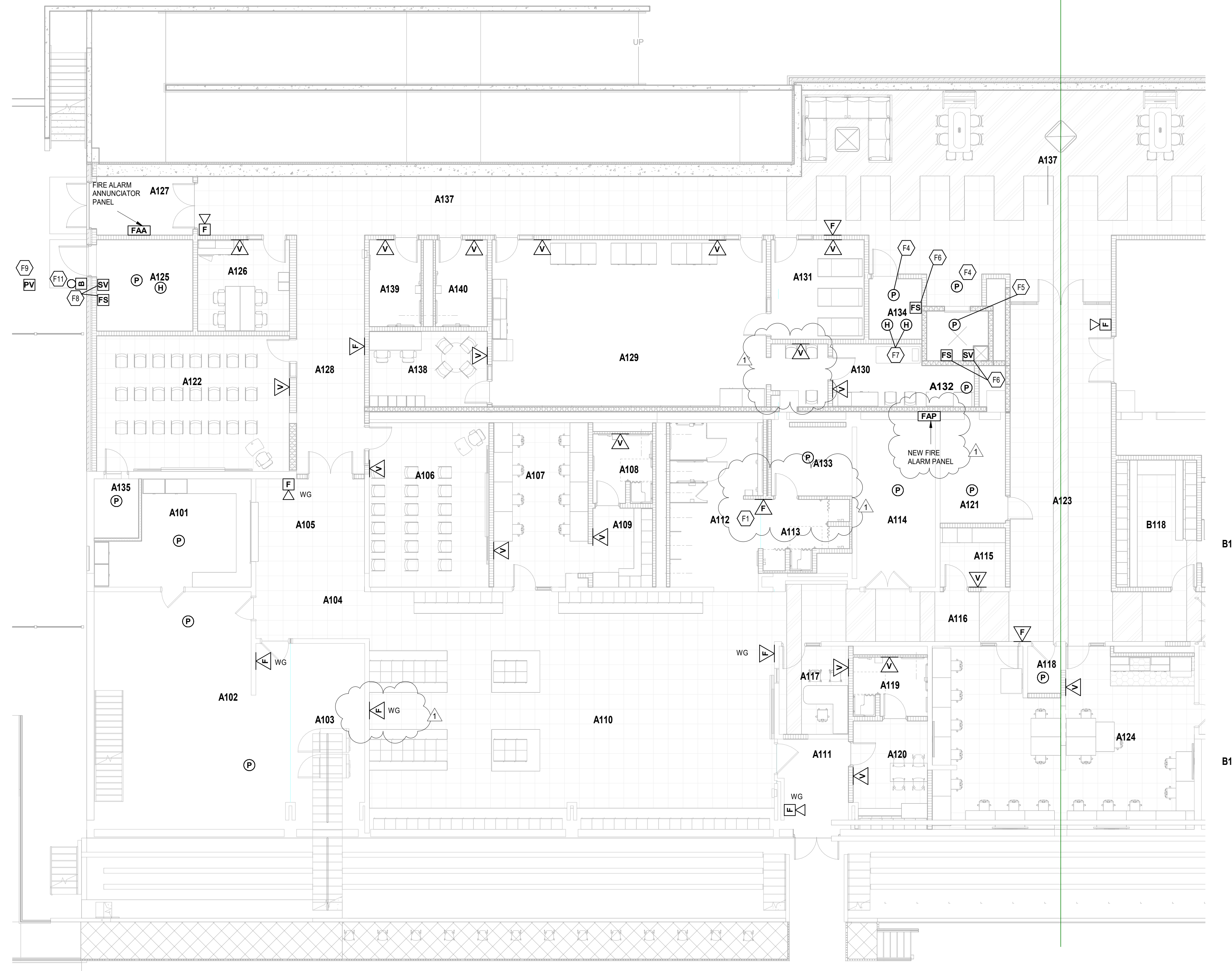


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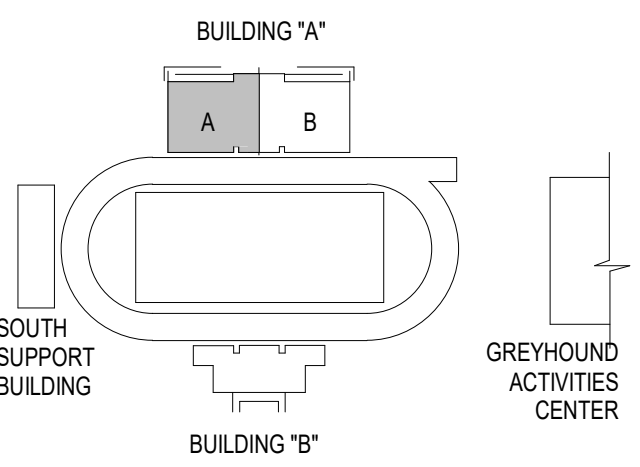
### GENERAL NOTES - FIRE ALARM

- QUANTITY AND LOCATION OF TAMPER AND FLOW SWITCHES IS FOR BIDDING PURPOSES ONLY. VERIFY EXACT QUANTITY AND LOCATIONS WITH SPRINKLER CONTRACTOR PRIOR TO FIRE ALARM SHOP DRAWING SUBMITTAL.
- FIRE ALARM LAYOUT IS SHOWN FOR COVERAGE AREA ONLY. CONTRACTOR SHALL PROVIDE DEVICES AS REQUIRED FOR COMPLETE COVERAGE.

KEYNOTES	
F1	NEW FIRE ALARM DEVICES TO BE RATED FOR DAMP LOCATION.
F4	SMOKE DETECTOR TO BE CONNECTED TO THE ELEVATOR CONTROL SYSTEM FOR ELEVATOR CAR RECALL TO THE APPROPRIATE FLOOR UPON SENSING SMOKE. COORDINATE CONNECTION TO ELEVATOR CONTROL SYSTEM WITH ELEVATOR SUPPLIER/INSTALLER PRIOR TO ROUGH-IN AND PROVIDE ALL REQUIRED MODULES, RELAYS, ETC. TO CONTROL ELEVATOR PER ALL APPLICABLE CODES.
F5	PROVIDE REMOTE LED INDICATOR FOR SMOKE DETECTION IN ELEVATOR SHAFT. INSTALL IN LAY-IN CEILING TILE NEAR ELEVATOR DOOR AND WIRE TO DETECTOR IN ELEVATOR SHAFT. COORDINATE EXACT LOCATION WITH LIGHTING, ETC. PRIOR TO ROUGH-IN.
F6	FIRE ALARM SYSTEM FLOW SWITCH AND TAMPER SWITCH ARE TO BE CONNECTED TO THE FIRE PROTECTION SYSTEM BRANCH SPRINKLER PIPING LOCATED IN THE ROOM UPON FLOW OF WATER IN THE FIRE PROTECTION SYSTEM LOCALLY IN THE ROOM. THE FIRE ALARM SYSTEM SHALL SHUT DOWN POWER TO THE ELEVATOR MAIN DISCONNECT/CONTROLLER SWITCH VIA SHUNT TRIP DEVICE IN MAIN DISCONNECT/CONTROLLER. PROVIDE ALL REQUIRED WIRING, MODULES, RELAYS, ETC. REQUIRED TO SHUT DOWN POWER TO THE ELEVATOR AS INDICATED. COORDINATE CONNECTION REQUIREMENTS WITH SUPPLIER MAIN DISCONNECT/CONTROLLER SWITCH. REFER TO 'ES' DRAWING SHEETS FOR LOCATION OF MAIN DISCONNECT/CONTROLLER SWITCH AND ADDITIONAL INFORMATION. COORDINATE LOCATION OF FLOW SWITCH WITH FIRE PROTECTION SYSTEM CONTRACTOR IN THE FIELD PRIOR TO ROUGH-IN.
F7	HEAT DETECTOR TO BE LOCATION WITHIN 2'-0" OF SPRINKLER HEAD. COORDINATE LOCATION OF DEVICES WITH FIRE PROTECTION SYSTEM CONTRACTOR IN THE FIELD PRIOR TO ROUGH-IN. COORDINATE QUANTITIES OF DETECTORS REQUIRED WITH RESPECT TO NUMBER OF SPRINKLER HEADS BEING INSTALLED IN ROOM AND PROVIDE ADDITIONAL HEAT DETECTORS IF REQUIRED. HEAT DETECTORS SHALL NOT BE WIRED FOR ELEVATOR RECALL OR OTHER CONTROL UNLESS SPECIFICALLY REQUIRED BY AUTHORITY HAVING JURISDICTION.
F8	WIRED NEW FLOW SWITCHES AND SUPERVISORY VALVE TAMPER SWITCHES TO THE EXISTING FIRE ALARM SYSTEM. VERIFY LOCATION AND QUANTITIES IN THE FIELD WITH THE FIRE PROTECTION PLANS.
F9	PROVIDE A FIRE ALARM CONNECTION TO THE POST INDICATOR VALVE (PIV). VERIFY EXACT LOCATION IN THE FIELD.
F11	FIRE ALARM BELL IS TO BE WIRED TO THE MAIN FIRE ALARM SYSTEM AND IS TO RING IN THE EVENT OF WATER FLOW DETECTED BY THE FLOW SWITCHES AND SUPERVISORY VALVES IN THE FIRE SUPPRESSION SYSTEM.

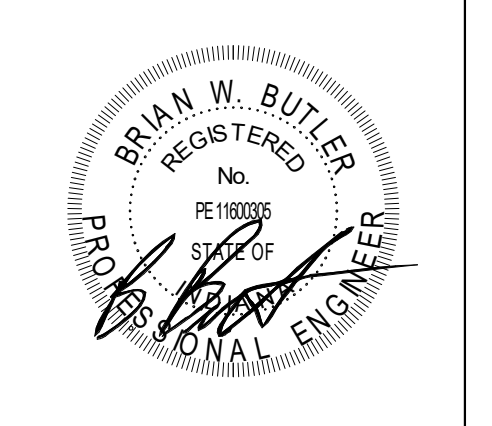


FIRST FLOOR FIRE ALARM PLAN BUILDING A - UNIT A  
SCALE: 1/8" = 1'-0"



### KEY PLAN

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

### FIRST FLOOR FIRE ALARM PLAN BUILDING A - UNIT A

# E6.01

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

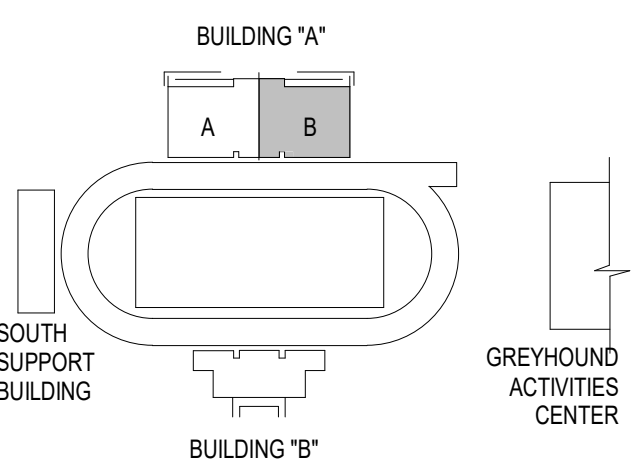
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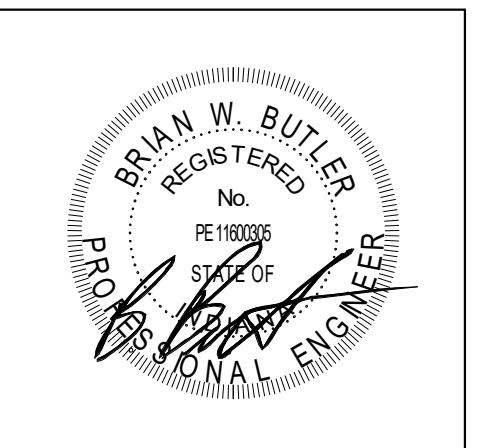


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### KEY PLAN

100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

### FIRST FLOOR FIRE ALARM PLAN BUILDING A - UNIT B

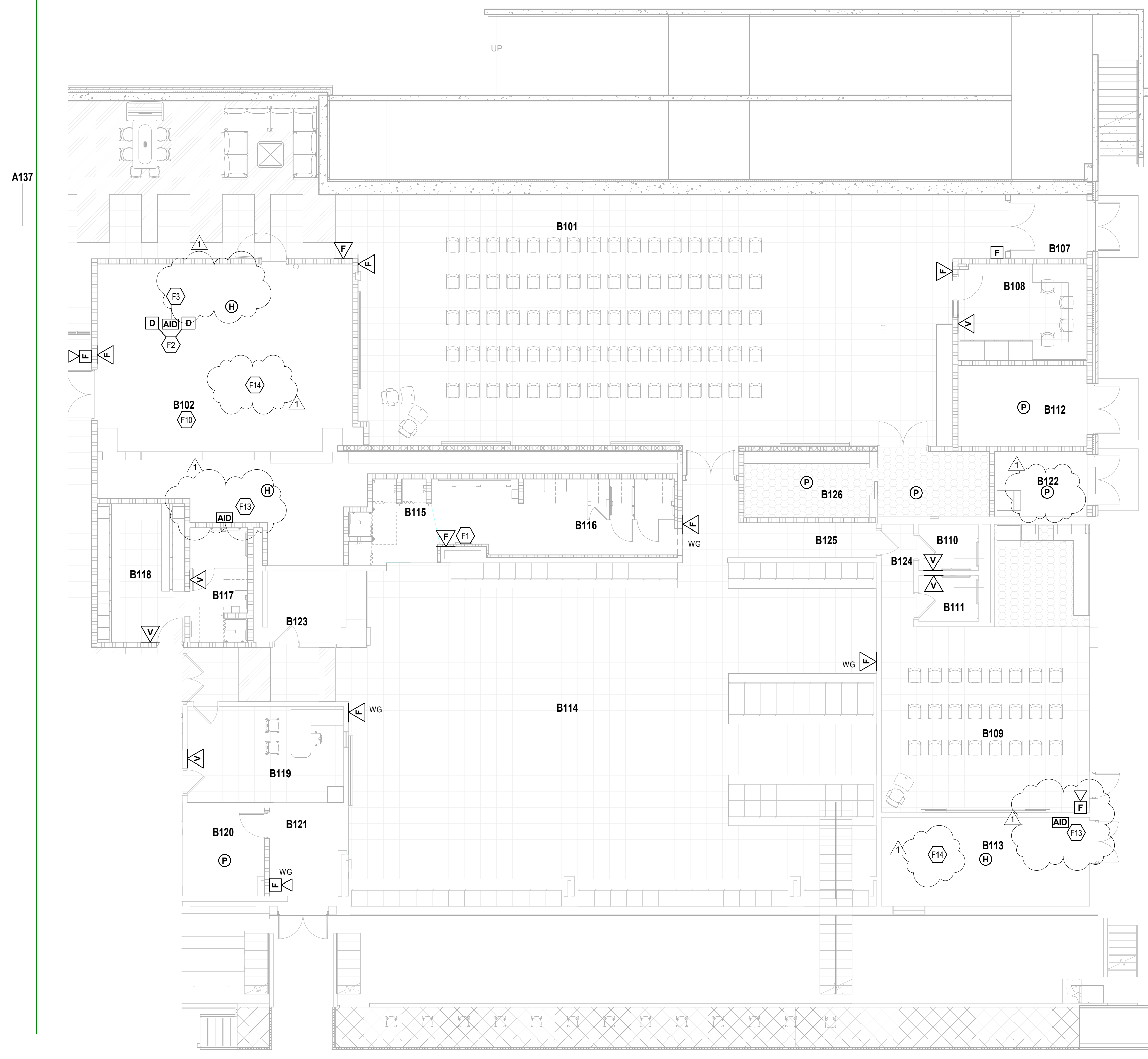
# E6.02

ROOM LEGEND - FIRST FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	MEETING AREA	2377 SF
B102	MECHANICAL	986 SF
B107	VESTIBULE	75 SF
B108	FILM	191 SF
B109	CLASSROOM	744 SF
B110	RESTROOM	42 SF
B111	RESTROOM	42 SF
B112	EQUIP. STORAGE	159 SF
B113	MECHANICAL	285 SF
B114	LOCKER ROOM	2752 SF
B115	SHOWERS	93 SF
B116	RESTROOM	264 SF
B117	RESTROOM	101 SF
B118	COACHES' LOCKER	187 SF
B119	HEAD COACH OFFICE	230 SF
B120	STORAGE	109 SF
B121	VESTIBULE	111 SF
B122	ICE ROOM	93 SF
B123	CUSTODIAL	79 SF
B124	PASSAGE	50 SF
B125	HALLWAY	63 SF
B126	TABLE STORAGE	225 SF

### GENERAL NOTES - FIRE ALARM

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- FIRE ALARM LAYOUT IS SHOWN FOR COVERAGE AREA ONLY. CONTRACTOR SHALL PROVIDE DEVICES AS REQUIRED FOR COMPLETE COVERAGE.

KEYNOTES	
F1	NEW FIRE ALARM DEVICES TO BE RATED FOR DAMP LOCATION.
F2	PROVIDE A DUCT MOUNTED SMOKE DETECTOR ON EACH SUPPLY AND RETURN AIR DUCT FOR THIS MECHANICAL UNIT. VERIFY QUANTITIES IN THE FIELD. PROVIDE A REMOTE TEST SWITCH AT 44-INCHES FOR EACH DUCT DETECTOR NOT ACCESSIBLE FROM FLOOR LEVEL.
F3	DUCT MOUNT RELAY FOR UNIT SHUTDOWN.
F10	PROVIDE A CO2 (CARBON MONOXIDE) DETECTION IN THIS ROOM AND INTEGRATE WITH THE FIRE ALARM SYSTEM.
F13	PROVIDE A FIRE ALARM RELAY AT THE MECHANICAL UNIT TEMPERATURE CONTROL PANEL.
F14	PROVIDE A CO2 (CARBON MONOXIDE) DETECTOR IN THIS ROOM AND INTEGRATE WITH THE FIRE ALARM SYSTEM.



FIRST FLOOR FIRE ALARM PLAN BUILDING A - UNIT B  
SCALE: 1/8" = 1'-0"

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

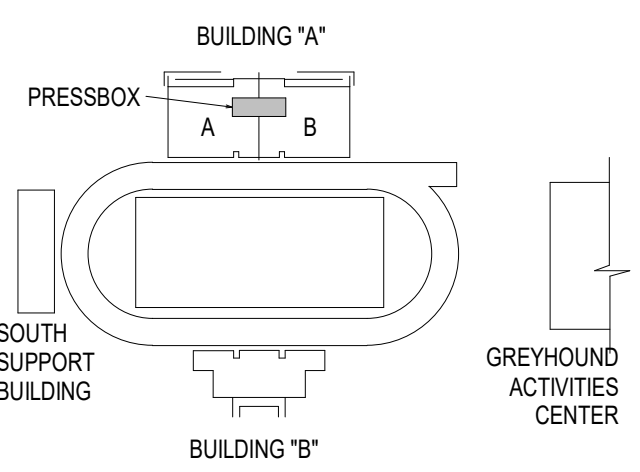
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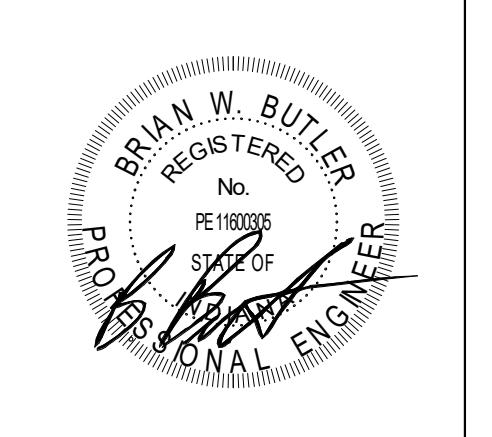


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### KEY PLAN

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PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

THIRD & FOURTH FLOOR PRESS BOX  
FIRE ALARM PLANS BUILDING A

# E6.05

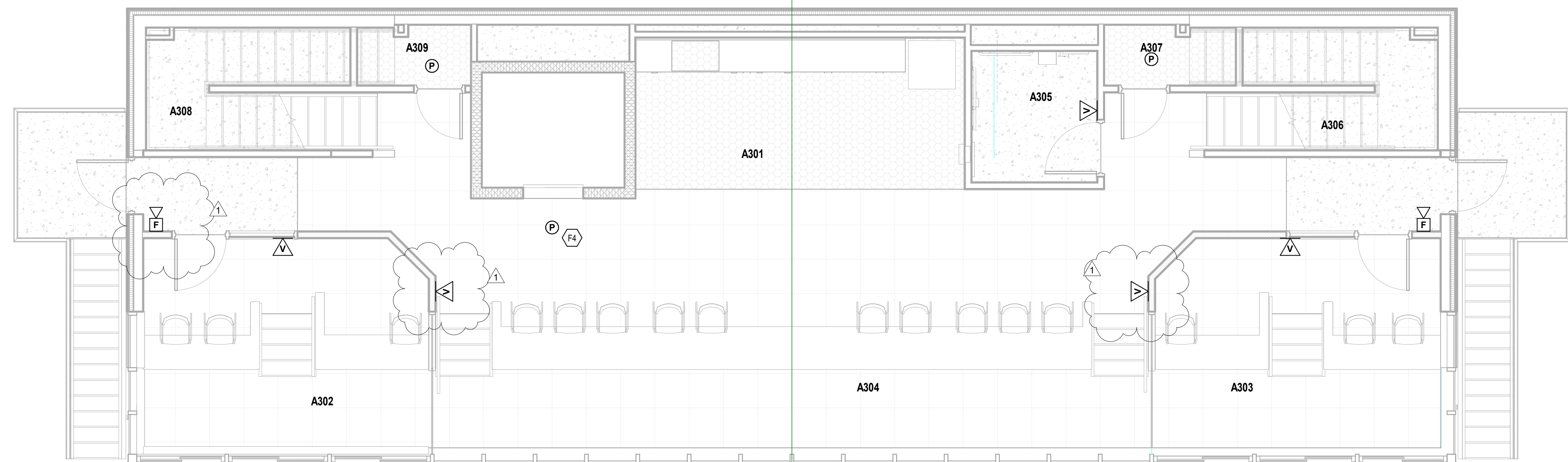
ROOM LEGEND - THIRD FLOOR		
ROOM NO.	ROOM NAME	AREA (SF)
A301	COMMONS	436 SF
A302	BROADCAST MEDIA	203 SF
A303	SCOREBOARD AND PA	204 SF
A304	MEDIA SEATING	526 SF
A305	RESTROOM	56 SF
A306	STAIRS	105 SF
A307	OFF	29 SF
A308	STAIRS	105 SF
A309	CLOSET	23 SF

ROOM LEGEND - FOURTH FLOOR		
ROOM NO.	ROOM NAME	AREA (SF)
A401	COMMONS	588 SF
A402	MECHANICAL	37 SF
A403	C.H.T.V.	107 SF
A404	COACHES	147 SF
A405	CAMERA	116 SF
A406	CAMERA	117 SF
A407	COACHES	147 SF
A408	W.H.J.E.	113 SF
A409	MECHANICAL	38 SF
A411	STAIRS	100 SF
A412	STAIRS	101 SF
A414	RESTROOM	56 SF
A415	MEDIA SEATING	Not Placed

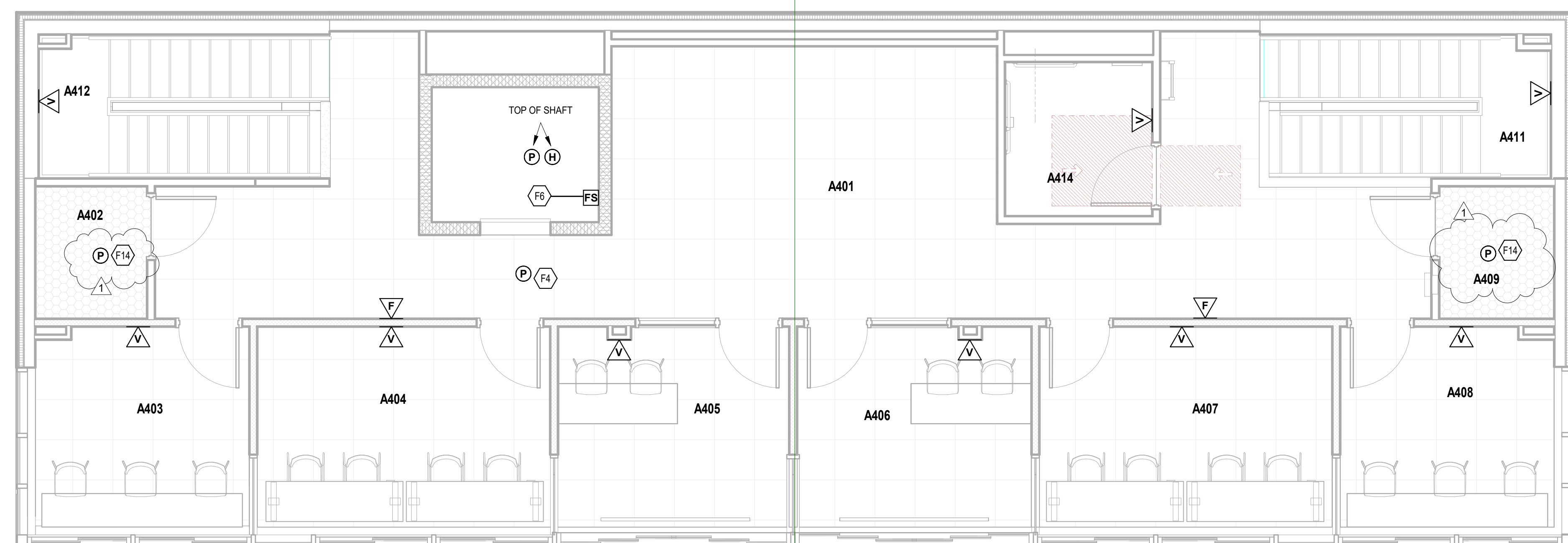
### GENERAL NOTES - FIRE ALARM

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- FIRE ALARM LAYOUT IS SHOWN FOR COVERAGE AREA ONLY. CONTRACTOR SHALL PROVIDE DEVICES AS REQUIRED FOR COMPLETE COVERAGE.

KEYNOTES	
F4	SMOKE DETECTOR TO BE CONNECTED TO THE ELEVATOR CONTROL SYSTEM FOR ELEVATOR CAR RECALL TO THE APPROPRIATE FLOOR UPON SENSING SMOKE. COORDINATE CONNECTION TO ELEVATOR CONTROL SYSTEM WITH ELEVATOR SUPPLIER/INSTALLER PRIOR TO ROUGH-IN AND PROVIDE ALL REQUIRED MODULES, RELAYS, ETC. TO CONTROL ELEVATOR PER ALL APPLICABLE CODES.
F8	FIRE ALARM SYSTEM FLOW SWITCH AND TAMPER SWITCH ARE TO BE CONNECTED TO THE FIRE PROTECTION SYSTEM BRANCH SPRINKLER PIPING LOCATED IN THE ROOM. UPON FLOW OF WATER IN THE FIRE PROTECTION SYSTEM LOCALLY IN THE ROOM, THE FIRE ALARM SYSTEM SHALL SHUT DOWN POWER TO THE ELEVATOR MAIN DISCONNECT/CONTROLLER SWITCH VIA SHUNT TRIP DEVICE IN MAIN DISCONNECT/CONTROLLER. PROVIDE ALL REQUIRED WIRING, MODULES, RELAYS, ETC. REQUIRED TO SHUT DOWN POWER TO THE ELEVATOR AS INDICATED. COORDINATE CONNECTION REQUIREMENTS WITH SUPPLIER MAIN DISCONNECT/CONTROLLER SWITCH. REFER TO 'E' DRAWING SHEETS FOR LOCATION OF MAIN DISCONNECT/CONTROLLER SWITCH AND ADDITIONAL INFORMATION. COORDINATE LOCATION OF FLOW SWITCH WITH FIRE PROTECTION SYSTEM CONTRACTOR IN THE FIELD PRIOR TO ROUGH-IN.
F14	PROVIDE A CO2 (CARBON MONOXIDE) DETECTOR IN THIS ROOM AND INTEGRATE WITH THE FIRE ALARM SYSTEM.



**PRESS BOX THIRD FLOOR FIRE ALARM PLAN**  
SCALE: 1/4" = 1'-0"



**PRESS BOX FOURTH FLOOR FIRE ALARM PLAN**  
SCALE: 1/4" = 1'-0"

PLAN TYPE	MANUFACTURER/CATALOG	MOUNTING	LAMPS			APPLIED VOLTAGE	DESCRIPTION	VA LOAD	
			NO.	WATTS	TYPE				
LD61	HALO H06 SERIES LITHONIA LDNS SERIES PRESOCUTE LED SERIES	RECESSED	1	22 W	LED	1500 lm	277 V	6-INCH ROUND APERTURE OPEN REFLECTOR LED DOWNLIGHT, MEDIUM DISTRIBUTION, WHITE SPECULAR FINISH, WHITE FLANGE, SELF-FLANGED, 0-10VDC DIMMING, 4000K, BAR HANGER ACCESSORY.	22 VA
LE1	LITHONIA AFB SERIES EVENLITE WEATHERWAY SERIES COMPASS CUV SERIES				LED		277 V	OUTDOOR LIGHT FIXTURE, DIE-CAST ALUMINUM HOUSING, SELF-DIAGNOSTICS, INTEGRAL PHOTOCELL, WIRED NORMALLY ON, WET LOCATION, 4000K, DARK BRONZE.	11 VA
LE1X	LITHONIA AFB SERIES EVENLITE WEATHERWAY SERIES COMPASS CUV SERIES				LED		277 V	OUTDOOR EMERGENCY LIGHT FIXTURE, DIE-CAST ALUMINUM HOUSING, SELF-DIAGNOSTICS, INTEGRAL PHOTOCELL, WIRED NORMALLY ON, EMERGENCY TRANSFER DEVICE, WET LOCATION, 4000K, DARK BRONZE.	11 VA
LE2X	LITHONIA DSXW2 SERIES GARDCO PWS SERIES McGRAW-EDISON GWC SERIES BEACON GEORAK 2 SERIES CREE EDGE SERIES				SOLID STATE LED		277 V	WALL MOUNTED LED LUMINAIRE WITH DIE CAST ALUMINUM HOUSING, BOTTOM DIFFUSER FLUSH WITH THE DIE CASTING, TYPE 2 DISTRIBUTION, 4000K, 70 CRI LED, BLACK FINISH, MOUNT ONTO JUNCTION BOX, PROVIDE WITH INTEGRAL PHOTOCELL AND OCCUPANCY SENSOR, FIXTURES TO BE ON/OFF TO 50% BY PHOTOCELL AND INCREASED TO 100% WHEN FIXTURE IS ON. VANDAL RESISTANT, EMERGENCY TRANSFER DEVICE	109 VA
LF1	LITHONIA CPX SERIES EATON METALUX CGT SERIES COLUMBIA CFP SERIES	RECESSED	1	27 W	LED	3000 lm	277 V	1 BY 4-FOOT, BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 4000K, 80+ CRI, 0-10V DIMMING.	27 VA
LF2	LITHONIA CPX SERIES EATON METALUX CGT SERIES COLUMBIA CFP SERIES	RECESSED	1	36 W	LED	4000 lm	277 V	2 BY 4-FOOT, BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 4000K, 80+ CRI, 0-10V DIMMING.	36 VA
LF2A	LITHONIA CPX SERIES EATON METALUX CGT SERIES COLUMBIA CFP SERIES	RECESSED	1	36 W	LED	4000 lm	120 V	2 BY 4-FOOT, BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 4000K, 80+ CRI, 0-10V DIMMING.	36 VA
LF2AX	LITHONIA CPX SERIES EATON METALUX CGT SERIES COLUMBIA CFP SERIES	RECESSED	1	36 W	LED	4000 lm	120 V	2 BY 4-FOOT, BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 4000K, 80+ CRI, 0-10V DIMMING.	36 VA
LF2X	LITHONIA CPX SERIES EATON METALUX CGT SERIES COLUMBIA CFP SERIES	RECESSED	1	36 W	LED	4000 lm	277 V	2 BY 4-FOOT, BACK LIT FLAT PANEL WITH ALUMINUM FRAME, 4000K, 80+ CRI, 0-10V DIMMING. PROVIDE WITH EMERGENCY TRANSFER DEVICE	36 VA
LF3	LITHONIA CPX SERIES EATON METALUX CGT SERIES COLUMBIA CFP SERIES	RECESSED	1	47 W	LED	4800 lm	277 V	2 BY 4-FOOT EDGE LIT FLAT PANEL WITH ALUMINUM FRAME, 10% DIMMING, 4000K	47 VA
LF3X	LITHONIA CPX SERIES EATON METALUX CGT SERIES COLUMBIA CFP SERIES	RECESSED	1	47 W	LED	4800 lm	277 V	2 BY 4-FOOT EDGE LIT FLAT PANEL WITH ALUMINUM FRAME, 10% DIMMING, 4000K, EMERGENCY TRANSFER DEVICE	47 VA
LN4	LUMENWERK VIA 4 SERIES MARK ARCHITECTURAL SLOT 4 SERIES LITECONTROL MOD 4 LED SERIES	SURFACE CEILING	1	36 W	LED	3900 lm	277 V	4-FOOT BY 4" SLOT TYPE DIRECT SURFACE HUNG FIXTURE, ONE PERCENT DIMMING, HIGH LUMEN OUTPUT	<varies >
LN4X	LUMENWERK VIA 4 SERIES MARK ARCHITECTURAL SLOT 4 SERIES LITECONTROL MOD 4 LED SERIES	SURFACE CEILING	1	36 W	LED	3900 lm	277 V	4-FOOT BY 4" SLOT TYPE DIRECT SURFACE HUNG FIXTURE, ONE PERCENT DIMMING, HIGH LUMEN OUTPUT, PROVIDE WITH EMERGENCY TRANSFER DEVICE.	<varies >
LR2	METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	48 W	LED	4000 lm	277 V	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING. IF SUSPENDED, INSTALL AT 10-FOOT AFF WITH CONDUIT STEMS (UNO), 4000K	27 VA
LR2A	METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	48 W	LED	4000 lm	120 V	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING. IF SUSPENDED, INSTALL AT 10-FOOT AFF WITH CONDUIT STEMS (UNO), 4000K	27 VA
LR2AX	METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	48 W	LED	4000 lm	120 V	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING. IF SUSPENDED, INSTALL AT 10-FOOT AFF WITH CONDUIT STEMS (UNO) 4000K, EMERGENCY TRANSFER DEVICE	27 VA
LR2X	METALUX WNLED SERIES DAY-BRITE OWL SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	48 W	LED	4000 lm	277 V	4-FOOT LED WRAP AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING, WITH EMERGENCY TRANSFER DEVICE. IF SUSPENDED, INSTALL AT 10-FOOT AFF WITH CONDUIT STEMS (UNO), 4000K	27 VA
LR4	METALUX WNLED SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	55 W	LED	6000 lm	277 V	4-FOOT WRAP LED AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING. IF SUSPENDED, INSTALL AT 10-FOOT AFF WITH CONDUIT STEMS (UNO), 4000K	55 VA
LR4X	METALUX WNLED SERIES LITHONIA SBL SERIES COLUMBIA LAW SERIES	SUSPENDED	1	55 W	LED	6000 lm	277 V	4-FOOT WRAP LED AROUND FIXTURE, ACRYLIC PRISMATIC DIFFUSER, 0-10VDC DIMMING, WITH EMERGENCY TRANSFER DEVICE. IF SUSPENDED, INSTALL AT 10-FOOT AFF WITH CONDUIT STEMS (UNO), 4000K	55 VA
XC	SURE-LITES CX SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES	SURFACE CEILING	1	3 W	RED LED	0 lm	277 V	CAST ALUMINUM AC ONLY EXIT SIGN, SINGLE FACE, DIRECTIONAL ARROWS INDICATED, WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS. 120V FOR 3RD AND 4TH FLOOR	3 VA
XW	SURE-LITES CX SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES	SURFACE WALL	1	3 W	RED LED	0 lm	277 V	CAST ALUMINUM AC ONLY EXIT SIGN, SINGLE FACE, DIRECTIONAL ARROWS INDICATED, WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	3 VA
XWS	SURE-LITES CX SERIES LITHONIA SIGNATURE SERIES DUAL-LITE SEMPRA SERIES	SURFACE WALL, SIDE MTD.	1	3 W	RED LED	0 lm	277 V	CAST ALUMINUM AC ONLY EXIT SIGN, SINGLE FACE, DIRECTIONAL ARROWS INDICATED, WHITE HOUSING. REFER TO PROJECT MANUAL FOR ADDITIONAL REQUIREMENTS.	3 VA

# 222154.00 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

5201 E Main Street, Carmel, IN 46033  
317-844-9961

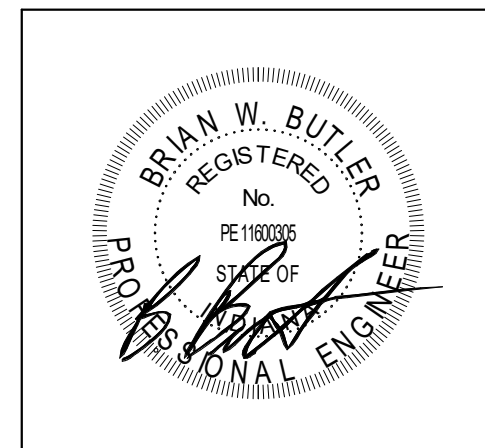


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350 E NEW YORK ST. SUITE 300, INDIANAPOLIS IN 46204

### 100% CONSTRUCTION DOCUMENTS



PROJECT MANAGER: MKS  
DRAWN BY: AMN  
PROJECT NUMBER: 222154.00  
PROJECT ISSUE DATE: 7.26.2024

REV. NO.	DESCRIPTION	DATE
1	Addendum #2	8-23-2024

- LUMINAIRE SCHEDULE - GENERAL NOTES**
- FOR ALL DOWNLIGHTING FIXTURES, PROVIDE REQUIRED MOUNTING HARDWARE FOR MOUNTING IN LAY-IN TYPE CEILINGS.
  - CONTRACTOR TO VERIFY TYPES AND QUANTITY OF LIGHT FIXTURES REQUIRING EMERGENCY TRANSFER DEVICES AND PROVIDE REQUIRED QUANTITY OF EMERGENCY TRANSFER DEVICES, LABOR, MATERIAL, ETC. IN THE PROJECT BID FOR FIELD INSTALLATION OF EMERGENCY TRANSFER DEVICES.
  - LIGHT FIXTURE SUBMITTALS TO INCLUDE DATA SHEETS FOR ALL FIXTURE TYPES, INCLUDING ADDITIONAL DATA SHEETS FOR DRIVER COMBINATIONS REQUIRED TO MEET THE INSTALLATION REQUIREMENTS OF THE VARIOUS FIXTURE TYPES INDICATED IN THE REMARKS COLUMN OF THE FIXTURE SCHEDULES OR ON THE DRAWINGS. SUBMITTALS SHALL ALSO INDICATE COLOR FOR ANY CUSTOM COLOR LIGHT FIXTURES.

## LUMINAIRE SCHEDULE E8.01

Branch Panel: SL2

Location: Room A206
Supply From: SLDP
Mounting: Recessed
Enclosure: Type 1
Volts: 208/120 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 18 KA
Mains Type: M.C.B
Mains Rating: 200 A
MCB Rating: 200 A

Table with columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Lists various electrical loads like Microwave, Refrigerator, Popcorn, etc.

Legend table with columns: Motor Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Includes Motor and Receptacle categories.

Notes:

Branch Panel: SL3

Location: ROOM A402
Supply From: SLDP
Mounting: Surface
Enclosure: Type 1
Volts: 208/120 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 10 KA
Mains Type: M.C.B
Mains Rating: 200 A
MCB Rating: 200 A

Table with columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Lists various electrical loads like Lighting, Recept, Counter, etc.

Legend table with columns: Motor Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Includes Motor and Receptacle categories.

Notes:

Branch Panel: SL6

Location: ROOM A114
Supply From: SLDP
Mounting: Surface
Enclosure: Type 1
Volts: 208/120 Wye
Phases: 3
Wires: 4
A.I.C. Rating: 10 KA
Mains Type: M.C.B
Mains Rating: 200 A
MCB Rating: 200 A

Table with columns: CKT, Circuit Description, Trip, Poles, A, B, C, Poles, Trip, Circuit Description, CKT. Lists various electrical loads like MOBILE COMMAND CENTER, Recept, etc.

Legend table with columns: Motor Classification, Connected Load, Demand Factor, Estimated Demand, Panel Totals. Includes Motor and Receptacle categories.

Notes:

CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)
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CARMEL, IN 46032

CARMEL CLAY SCHOOLS

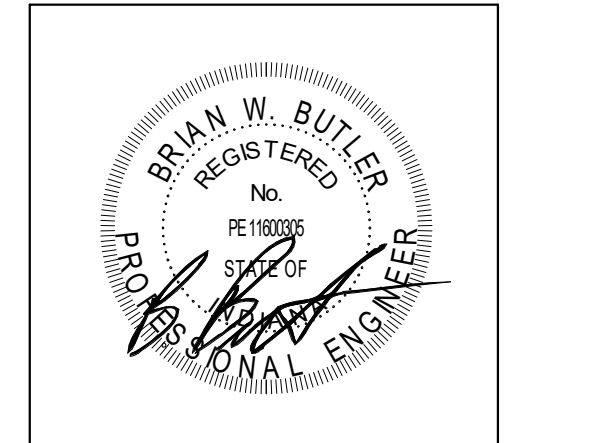


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PROJECT MANAGER: MKS
DRAWN BY: AMN
PROJECT NUMBER: 222154.00
PROJECT ISSUE DATE: 7.26.2024

Table with columns: REV. NO., DESCRIPTION, DATE. Shows revision 1 for Addendum #2 dated 8-23-2024.

PANELBOARD SCHEDULES

E8.02

### 222154.02 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
2450 E. SMOKY ROW (VISITOR SIDE)  
CARMEL, IN 46032

#### CARMEL CLAY SCHOOLS

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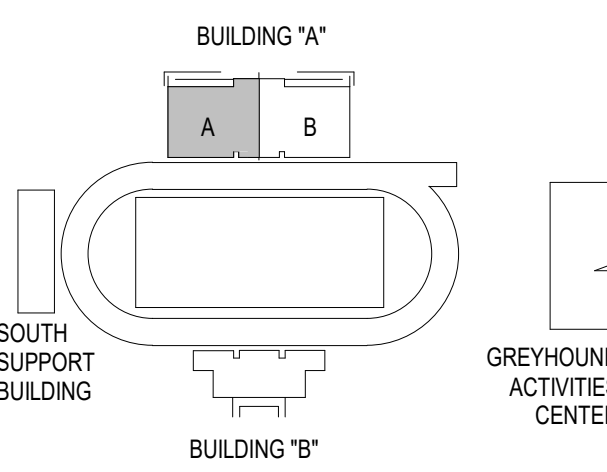
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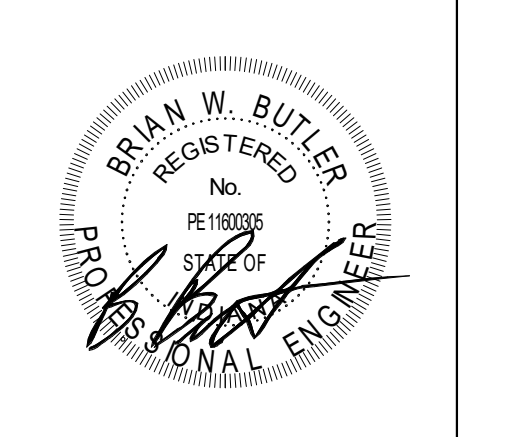
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350 E. NEW YORK ST., SUITE 300, INDIANAPOLIS IN 46204



#### KEY PLAN

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PROJECT MANAGER: MKS  
DRAWN BY: JJR  
PROJECT NUMBER: 222154.02  
PROJECT ISSUE DATE: 7.26.2024

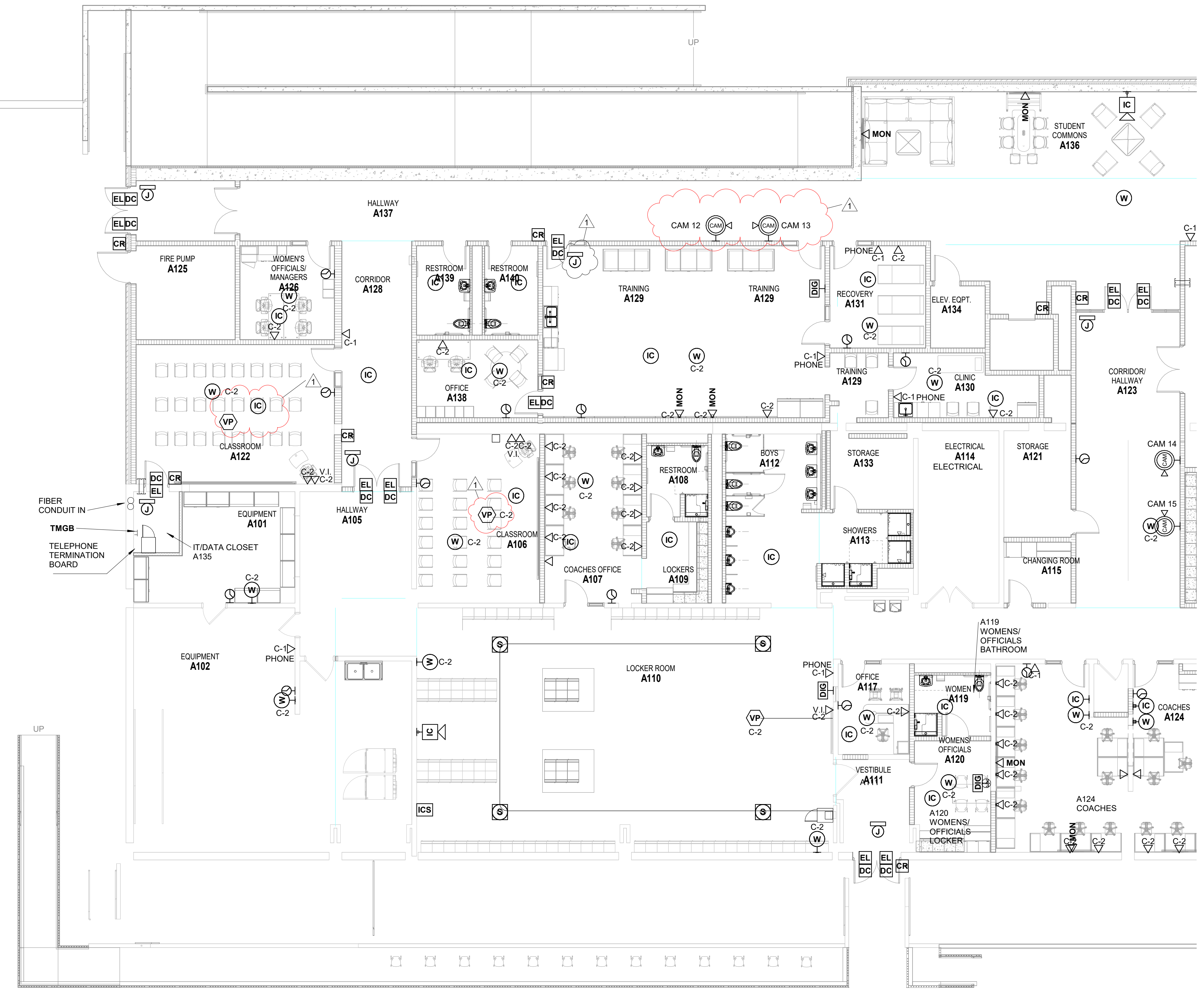
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-23-2024

#### UNIT A - FIRST FLOOR TECHNOLOGY PLAN

# T3.01

ROOM LEGEND - FIRST FLOOR UNIT A		
ROOM NO.	ROOM NAME	AREA (SF)
A101	EQUIPMENT	256 SF
A102	EQUIPMENT	806 SF
A103	LAUNDRY	247 SF
A104	VESTIBULE	76 SF
A105	HALLWAY	237 SF
A106	CLASSROOM	358 SF
A107	COACHES OFFICE	277 SF
A108	RESTROOM	74 SF
A109	LOCKERS	88 SF
A110	LOCKER ROOM	1740 SF
A111	VESTIBULE	111 SF
A112	BOYS	270 SF
A113	SHOWERS	96 SF
A114	ELECTRICAL	239 SF
A115	CHANGING ROOM	71 SF
A116	CORRIDOR	528 SF
A117	OFFICE	111 SF
A118	STORAGE	29 SF
A119	WOMEN	78 SF
A120	WOMEN'S/OFFICIALS	124 SF
A121	STORAGE	122 SF
A122	CLASSROOM	477 SF
A123	CORRIDOR/HALLWAY	528 SF
A124	COACHES	809 SF
A125	FIRE PUMP	160 SF
A126	WOMEN'S OFFICIALS/ MANAGERS	153 SF
A127	VESTIBULE	103 SF
A128	CORRIDOR	296 SF
A129	TRAINING	895 SF
A130	CLINIC	142 SF
A131	RECOVERY	163 SF
A132	STORAGE	102 SF
A133	ELEV. EQPT.	59 SF
A134	ELEV. EQPT.	59 SF
A135	IT/DATA CLOSET	48 SF
A136	STUDENT COMMONS	796 SF
A137	HALLWAY	1507 SF
A138	OFFICE	163 SF
A139	RESTROOM	82 SF
A140	RESTROOM	82 SF

#### TECHNOLOGY PLAN NOTES



**UNIT A - FIRST FLOOR TECHNOLOGY PLAN**  
SCALE: 1/8" = 1'-0"



# 222154.02 CARMEL HIGH SCHOOL STADIUM GRANDSTAND RENOVATION PROJECT

2390 E. SMOKY ROW (HOME SIDE)  
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CARMEL, IN 46032

## CARMEL CLAY SCHOOLS

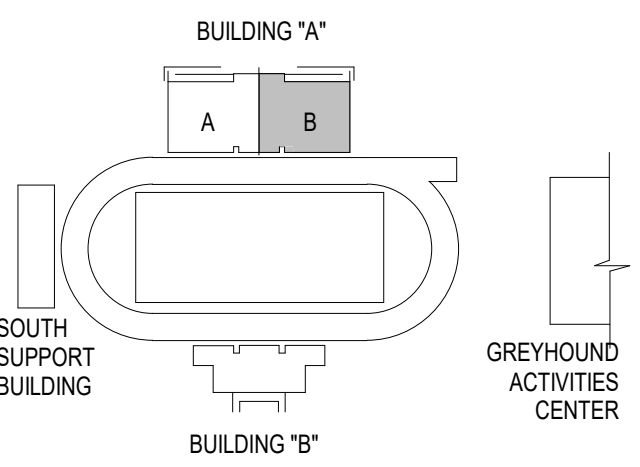
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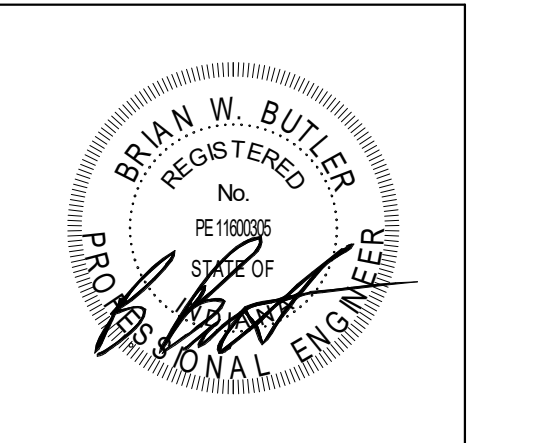


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### KEY PLAN

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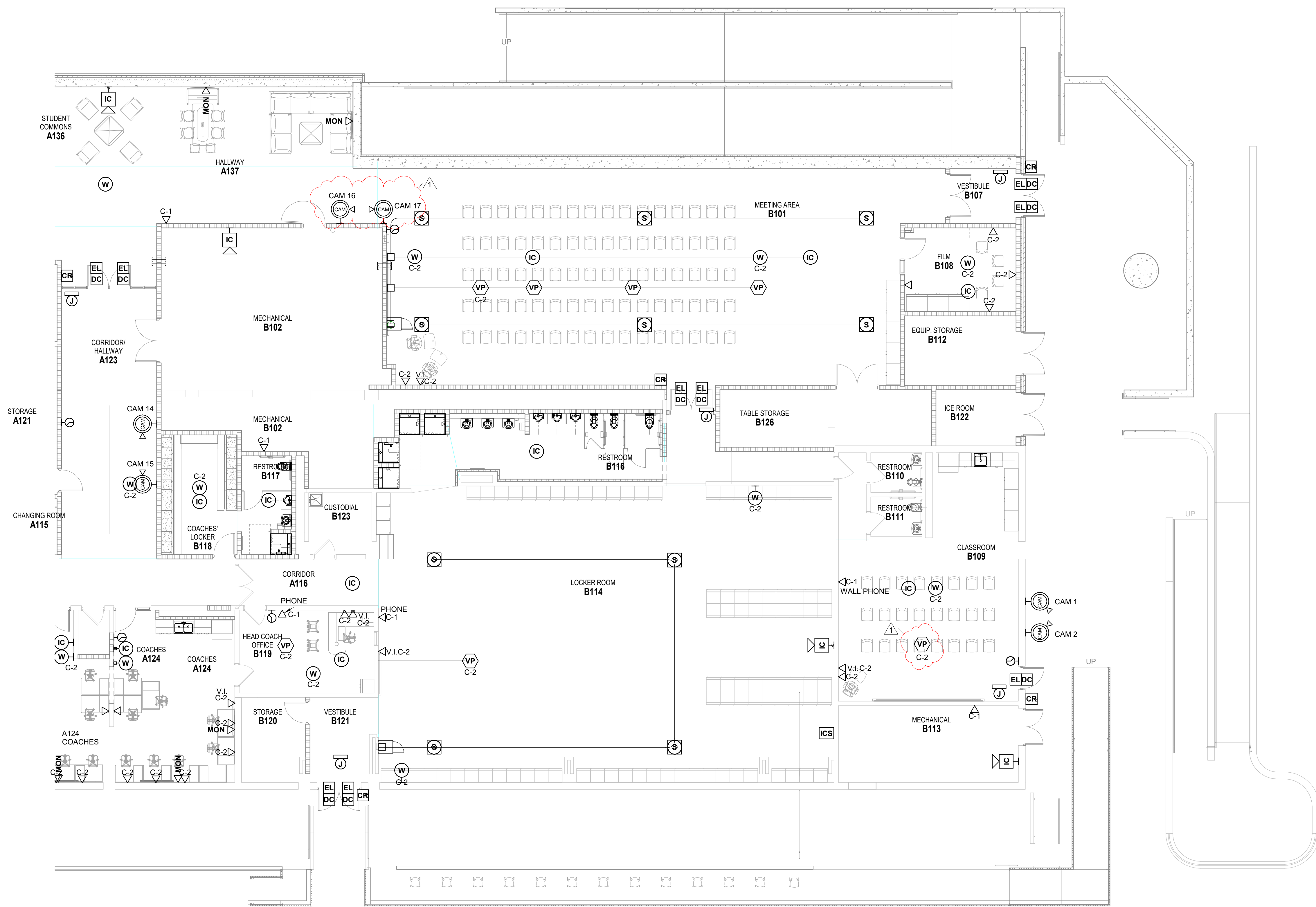
REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-23-2024

UNIT B - FIRST FLOOR TECHNOLOGY PLAN

# T3.02

ROOM LEGEND - FIRST FLOOR UNIT B		
ROOM NO.	ROOM NAME	AREA (SF)
B101	MEETING AREA	2377 SF
B102	MECHANICAL	968 SF
B107	VESTIBULE	75 SF
B108	FILM	191 SF
B109	CLASSROOM	744 SF
B110	RESTROOM	42 SF
B111	RESTROOM	42 SF
B112	EQUIP. STORAGE	159 SF
B113	MECHANICAL	285 SF
B114	LOCKER ROOM	2752 SF
B115	SHOWERS	95 SF
B116	RESTROOM	264 SF
B117	RESTROOM	101 SF
B118	COACHES' LOCKER	187 SF
B119	HEAD COACH OFFICE	230 SF
B120	STORAGE	109 SF
B121	VESTIBULE	111 SF
B122	ICE ROOM	93 SF
B123	CUSTODIAL	79 SF
B124	PASSAGE	50 SF
B125	HALLWAY	63 SF
B126	TABLE STORAGE	225 SF

### TECHNOLOGY PLAN NOTES



UNIT B - FIRST FLOOR TECHNOLOGY PLAN

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

**222154.02  
CARMEL HIGH SCHOOL STADIUM  
GRANDSTAND  
RENOVATION  
PROJECT**

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**CARMEL CLAY SCHOOLS**

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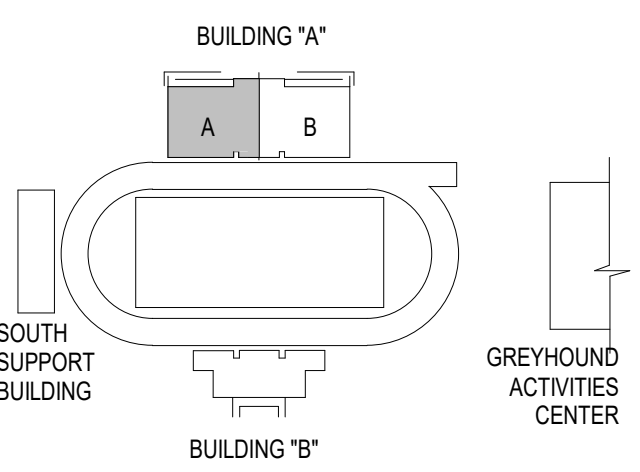
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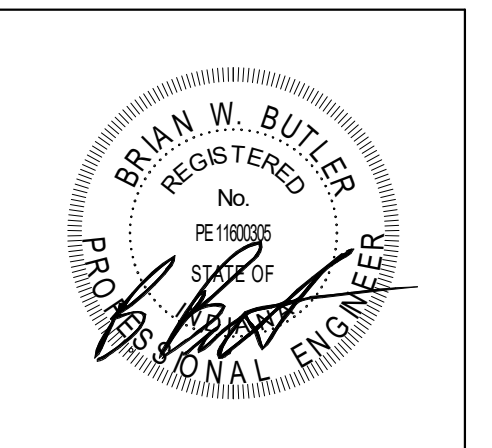
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**KEY PLAN**

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REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-23-2024

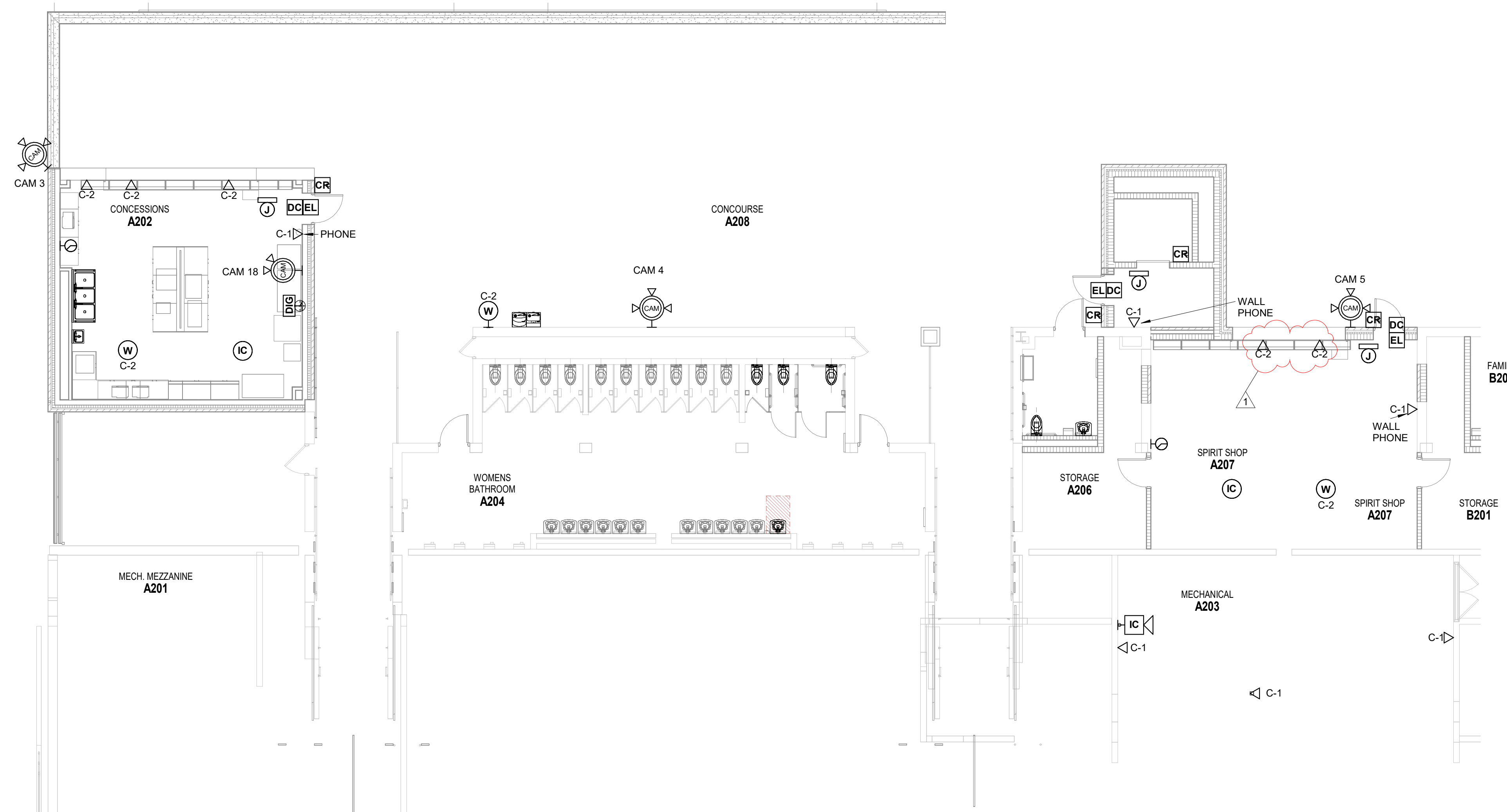
**UNIT A - SECOND FLOOR  
TECHNOLOGY PLAN**

**T3.03**

**ROOM LEGEND - SECOND FLOOR UNIT A**

ROOM NO.	ROOM NAME	AREA (SF)
A201	MECH. MEZZANINE	280 SF
A202	CONCESSIONS	581 SF
A203	MECHANICAL	836 SF
A204	WOMENS BATHROOM	874 SF
A205	FAMILY RESTROOM A205	82 SF
A206	STORAGE	180 SF
A207	SPIRIT SHOP	634 SF
A208	CONCOURSE	3943 SF
A209	ELE. LOBBY	67 SF

**TECHNOLOGY PLAN NOTES**



**UNIT A - SECOND FLOOR TECHNOLOGY PLAN**  
SCALE: 1/8" = 1'-0"

**222154.02  
CARMEL HIGH SCHOOL STADIUM  
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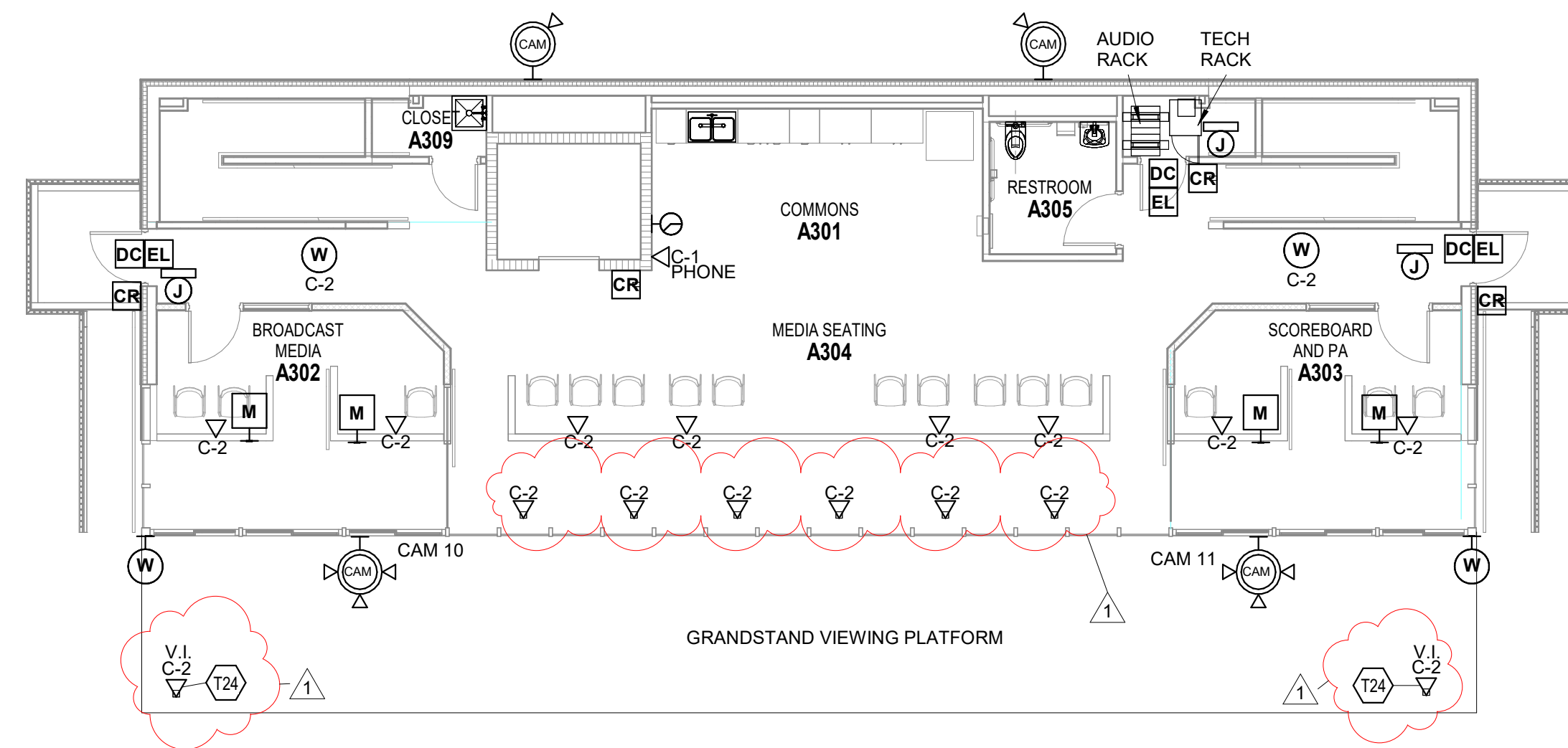
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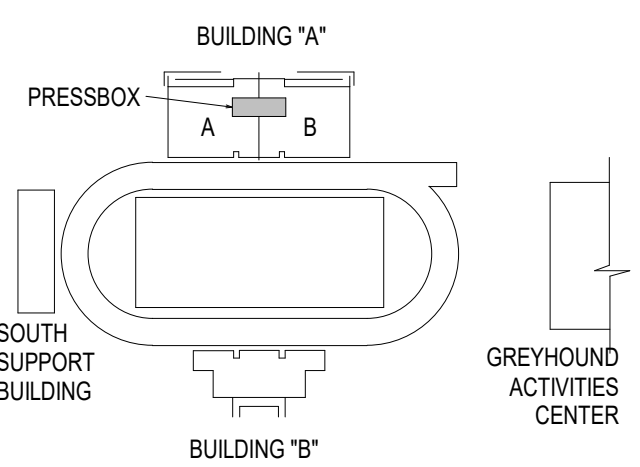


**PRESS BOX LEVEL 1 TECHNOLOGY PLAN - FIRST FLOOR**

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

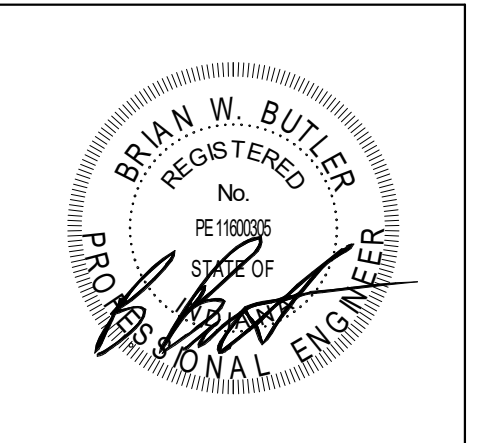
**TECHNOLOGY PLAN NOTES**

T24 PROVIDE A PEDESTAL TYPE C-2 VIDEO INPUT AT THIS LOCATION (ON PLATFORM), CONNECTING TO C.H.T.V A403



**KEY PLAN**

**100% CONSTRUCTION DOCUMENTS**

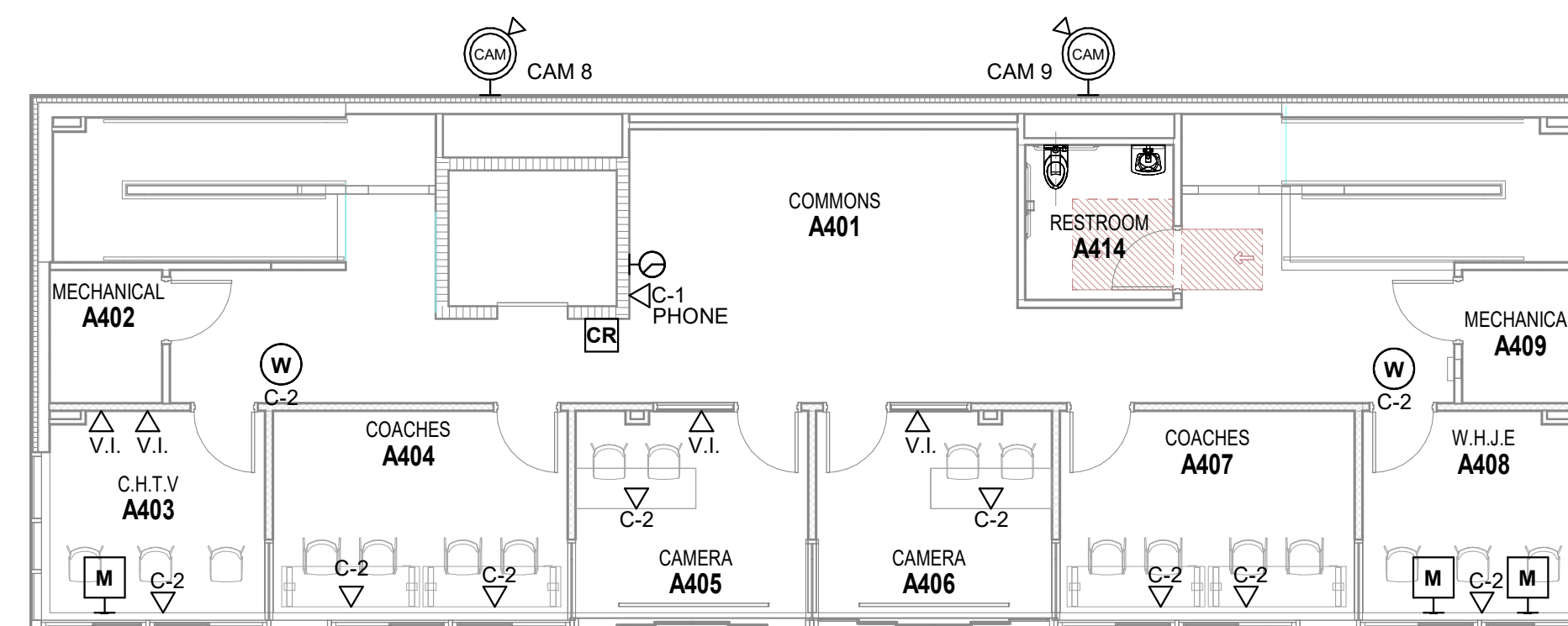


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REV. NO.	DESCRIPTION	DATE
1	ADDENDUM #2	8-23-2024

**PRESSBOX TECHNOLOGY PLAN**

**T3.05**



**PRESS BOX LEVEL 2 TECHNOLOGY PLAN - SECOND FLOOR**

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