

**ADDENDUM  
NO. 2**

**March 25, 2025**

**PORTER LAKES ELEMENTARY SCHOOL  
ADDITION, RENOVATIONS, AND RELATED WORK  
Hebron, IN 46341**

**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 March 5, 2025 by Gibraltar Design, Inc. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 2-1 and attached Addendum No. 2 from Gibraltar Design, Inc. dated March 21, 2025 and consisting of 7 pages and 37 drawings.

## ADDENDUM TWO

**Addendum Two (AD.02)** to the drawings and specifications prepared by Gibraltar Design for **Porter Lakes Elementary School Addition, Renovations and Related Work** for Porter Township School Corporation, Valparaiso, Indiana.

All Contractors bidding on this project shall read all of the items covered below and shall comply with all of the requirements as set forth, including any necessary refinements or additions generated by this Addendum and required by the intent of the original contract documents. All Contractors shall acknowledge on their bid form that they have received this Addendum and Addendum One, and include the appropriate content of same within their bid proposal.

### GENERAL

#### 1. Addendum 1, item 21

1. Item 21 should have read "Sheet A-302".

### SPECIFICATIONS

#### 2. Specification Section 10 22 26 Folding Partitions

- A. Add Paragraphs 2.1.C. and D. to list of Acceptable Manufacturers:
  1. "C. Moderco, Inc.; Signature 842 Paired Panel Partition.
  2. D. Corflex; 5500 Series."

#### 3. Specification Section 10 11 00 Markerboards and Corkboards

- A. Add Paragraph 2.2.A.2. to list of Acceptable Manufacturers:
  1. "C. Platinum Visual Solutions, Corona, California."
- B. Add Paragraph 2.3.A.9. to list of Acceptable Manufacturers:
  1. "9. Platinum Visual Solutions, Corona, California."

#### 4. Specification Section 27 41 10

- A. Add paragraph 1.01 C. 5. Cafeteria Projector
- B. Revise paragraph 2.02 A. 1. Epson projector and mount furnished by Owner, installed by contractor.
- C. Delete paragraph 2.02 A. 2.
- D. Delete paragraph 2.03 D. 3. b.

#### 5. Specification Section 27 51 23

- A. Add paragraph 2.03 D. Intercom Paging System Server
- B. Add paragraph 2.03 D. 1. Replace the existing TCS-MA server with a new TCS-MD server. Provide all hardware and associated programming as required to integrate new server hardware and software with existing and new intercom equipment. Functionality and programming to match existing.

DRAWINGS

**6. Sheet G-101**

- A. Revise the title for Sheet G-201 to read "LIFE SAFETY PLAN".
- B. Revise the title for Sheet A-103 to read "CANOPY PLAN, SECTIONS, AND ELEVATIONS".

**7. Sheet G-201**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Sheet added.

**8. Sheet C-1.1**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. DEMOLITION NOTE
    - a. Add note 19 reading "REMOVE EXISTING TREE FOR INSTALLATION OF TEMPORARY ROAD."

**9. Sheet C-2.0**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Clarifications at ramp on the west side of the classroom wing
  - 2. Added downspout boot locations at the new entry

**10. Sheet C-3.0**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added routing of storm lines to downspout boot locations at the new entry

**11. Sheet C-4.1**

- A. At RAMP DETAIL, revise dimension at the top of the ramp to read 12.67'
  - 1. At RAMP DETAIL, remove note "SEE RAMP/CONCRETE RETAINING WALL AND HAND RAILING DETAIL"

**12. Sheet S-201**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Gridline Dim. Clarification Provided
  - 2. Interior Footings Lowered to Accommodate Below Ground Piping
  - 3. Foundation Plan Keyed Notes 8 & 9 Added
  - 4. Section Callout at Interior Foundation Wall Changed to 8/S-402
  - 5. Section 11/S-402 added at Alternate Transformer Pad

**13. Sheet S-202**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Baseplate Identifications Changed
  - 2. Interior Footing Elevation Changed
  - 3. Foundation Plan Keyed Notes 8 & 9 Added

**14. Sheet S-203**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Sections 15/S-412 & 12/S-413 Added
  - 2. Additional Locations where Roof Framing Keyed Note A is Identified
  - 3. Full-Moment Splice Note Removed and replaced with Bent Beam

**15. Sheet S-204**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Additional Locations where Roof Framing Keyed Note A is Identified

**16. Sheet S-301**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Base of Brace Frames Clarified

**17. Sheet S-401**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Detail 8 Title Modified

**18. Sheet S-402**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Clarity added to Sections 3 & 4
  - 2. Sections 10 & 14 Modified
  - 3. Sections 8 & 11 Added

**19. Sheet S-412**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Section 15 Added

**20. Sheet S-413**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Section 12 Added

**21. Sheet AD101**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added note AD36 to DEMOLITION KEYNOTES
  - 2. Added select keynotes to plan

**22. Sheet A101 and A102**

- A. PLAN KEYNOTES
  - 1. Keynote 17 – add keynote to read: NEW OVERHEAD COILING SHUTTER DOOR.
  - 2. Keynote 27 – revise to read: "REINSTALL THE EXISTING FENCE, PROVIDING 3 NEW POSTS."

**23. Sheet A101**

- A. Add keynote A17 to the plan at the large coiling door opening between Cafeteria A-124 and Serving A-126.
- B. Add section indication 8/A-302 at Alternate Bid generator pad and screen wall east of the mechanical room on the east side of the building.

**24. Sheet A103**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added sheet A-103, CANOPY PLAN, SECTIONS, AND ELEVATIONS.

**25. Sheet A211**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Clarified detail 2 for insulation in 2" expansion joint
  - 2. Updated detail 5
  - 3. Updated detail 10
  - 4. Updated detail 11 to show typical fully adhered air and water barrier behind metal panel fascia system.
  - 5. Updated detail 12

**26. Sheet A301**

- A. ELEVATION KEYNOTES
  - 1. Keynote E02 – revised to read "NORMAN FACE BRICK, 1/3 RUNNING BOND"

**27. Sheet A302**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Removed detail 2.
  - 2. Modified handrail section 3.
  - 3. Added an elevation to detail 4.
  - 4. Added section mark to detail 5
  - 5. Add detail 7, FENCING AND GATE AT EXISTING DUMPSTER PAD
  - 6. Add detail 8, ALTERNATE BID – GENERATOR SCREEN WALL AND PAD SECTION.

**28. Sheet A402**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added section bubbles on the building section.

**29. Sheet A411**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added clarification notes to detail 5
  - 2. Added clarification notes to detail 6.

**30. Sheet A413**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added section bubbles to detail 2
  - 2. Clarified detail 5.

**31. Sheet A415**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added section bubbles to detail 2.
  - 2. Added section bubbles to detail 3.
  - 3. Added a dimension to detail 5.

**32. Sheet A-601 and A-610**

- A. GLASS SCHEDULE
  - 1. Revise Type "B" to read "1" INSULATED TEMPERED. MATCH EXISTING TINT"
  - 2. Revise Type "D" to read "INSULATED METAL PANEL INFILL"

**33. Sheet PD101**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added notes for sanitary removal.

**34. Sheet P-101**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added sanitary cap and notes.

**35. Sheet P-103 and P-104**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Updated storm pipe rise locations.
  - 2. Updated storm pipe routing.

**36. Sheet P-201 and P-202**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Updated storm roof drain locations.

**37. Sheet P-301**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Updated storm pipe rise locations.
  - 2. Updated storm pipe routing.

**38. Sheet E-001**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added TV symbol.
  - 2. Revised ceiling projector description.

**39. Sheet ED101**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Revised fixtures and devices from existing to relocated.

**40. Sheet EP201 and EP202**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added general note.

**41. Sheet E-301**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added receptacles.

**42. Sheet E-501**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added circuit.
  - 2. Added spares and spaces.

**43. Sheet T-001**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added new rack to Network Cabling Diagram
  - 2. Added new TR rack layout detail
  - 3. Revised TR-C111 rack layout detail.
  - 4. Revised projector input station data drop to simplex.

**44. Sheet T-101**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Added projector location to Cafeteria
  - 2. Adjusted door intercom station locations
  - 3. Added new rack TR-A125 to A-125.

**45. Sheet T-102**

- A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
  - 1. Clarified network cabling routing to reflect new rack TR-A125
  - 2. Added missing wall display locations.
  - 3. Removed card reader from Vestibule D-101.

Pages 1 through 7, inclusive, and Thirty Seven (37) Full-Size Drawings, constitute the total makeup of **Addendum Two**.



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PLUMBING FIXTURE COUNTS												
USER GROUP	NUMBER OF USERS	USERS PER GENDER	WATER CLOSETS		LAVATORIES		SHOWERS		DRINKING FOUNTAINS		SERVICE SINKS	
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
STAFF	50	M: 25 F: 25	1	3	1	3	NA	NA				
STUDENT	750	M: 375 F: 375	8	19	8	15	NA	NA	7	7	1	2
INSTRUCTION	1	M F	NA	1	NA	1	NA	NA				

FAMILY TOILET ROOM/SEX: ASSEMBLY AREAS - 1 REQUIRED, 2 PROVIDED

### LIFE SAFETY GENERAL NOTE

LIFE SAFETY INFORMATION IS PROVIDED FOR USE BY ALL CONTRACTORS. CONTRACTORS ARE RESPONSIBLE FOR COMPLYING WITH CODE REQUIREMENTS (INCLUDING BUT NOT LIMITED TO: RATED ASSEMBLIES, FIRE PROTECTION, FIRESTOPPING, DAMPERS, AND HARDWARE) INDICATED INCLUDING CONDITIONS WHERE THESE REQUIREMENTS ARE NOT DETAILED. REPORT CONFLICTS OR DISCREPANCIES TO THE ARCHITECT FOR RESOLUTION PRIOR TO STARTING WORK.

### LIFE SAFETY PLAN LEGEND

- FIRE BARRIERS** TO EXTEND TO THE FLOOR/ROOF DECK
- INDICATES 2 HOUR FIRE-RESISTANT RATED WALL WITH 90 MIN RATED OPENING PROTECTIVES, SECTION 707
- MISCELLANEOUS**
- MAJOR EGRESS ROUTES
- PH DOORS WITH PANIC HARDWARE
- 320 MAXIMUM OCCUPANT LOAD SERVED BY EXIT
- XX INDICATES ENTRY DOOR NUMBERS PROVIDED BY OWNER

### BUILDING CODE INFORMATION

<b>Applicable Codes:</b>	2014 Indiana Building Code (IBC) General Administrative Rules, 2 <sup>nd</sup> Edition (GAR) 2014 Indiana Mechanical Code (IMC)
<b>Building Description:</b>	The original building was constructed in 1977, with additions in 2015 and 2021. Existing building area is 71,755 sq. ft. The building is 1 story in height and classified as E Occupancy and Type IIB Construction.
<b>Scope of Project:</b>	The current project scope is construction of a 1-story addition totaling 20,475 sq. ft. including the following functions: • Pre-k and kindergarten classrooms • New entry vestibule and common area • Expansion of the existing cafeteria and new kitchen/servery Project scope includes limited renovation of existing areas affected by the addition.
<b>Code Strategy:</b>	The addition will be provided with automatic sprinkler protection, along with the 2021 classroom addition, existing cafeteria, and auxiliary existing areas. All new construction will be noncombustible, however compliant with Type IIB Construction. A variance will be requested to permit the addition and unpaired existing building area to exceed current code allowable area.
<b>Applicability of Codes to the Project:</b>	Additions are permitted to an existing building without requiring the entire existing building or portions of the existing building unaffected by the proposed scope of the project to be brought into compliance with current codes. The scope of construction within the addition is required to comply with current codes. The addition and existing building are required to comply with current code in the aggregate for allowable area - variance to be requested. [Rule 4, Section 1203, GAR]
<b>Occupancy Classifications:</b>	Educational use for high school students [305.1] Assembly uses accessory to an E Occupancy are not considered separate occupancies [308.1.3] Existing administrative areas - accessory occupancy [304.1, 508.2] E Occupancy [304.1, 508.2]
<b>Construction Type:</b>	Building is classified as Type IIB Construction [Table 601]
<b>Building Elements - Fire-resistive Requirements</b>	Building elements, including structural frame, exterior walls, and roof will be of noncombustible, unprotected construction. Exterior bearing walls will be of 2-hour rated construction [Table 601] Exterior openings are permitted to be nonrated based upon having at least 20 feet of fire separation distance [Table 705.3]
<b>Occupancy Separations:</b>	Occupancy separations not required, based upon classification of assembly uses accessory to an educational occupancy as E Occupancy area [308.1.3]
<b>Incidental Use Separations:</b>	None applicable to this project [Table 509]
<b>Corridors:</b>	New corridor construction in classroom wing will be of nonrated construction based upon automatic sprinkler protection [1018.1]
<b>Panic Hardware:</b>	Panic hardware is required for egress doors serving an occupant load of 50 or more [1081.1.6]
<b>Occupant Load Factors:</b>	Classrooms 20 of per occupant Cafeteria 15 of per occupant Office 100 of per occupant Storage/Mechanical 300 of per occupant
<b>Exit Access Travel Distance:</b>	Maximum travel distance to an exterior exit will be a maximum of 200 feet [1010.2]
<b>Automatic Sprinklers:</b>	The addition will be provided with automatic sprinkler protection, along with the 2021 classroom addition, existing cafeteria, and auxiliary existing areas. The 2015 project area is currently sprinkler-protected.
<b>Fire Alarm System:</b>	A manual fire alarm system will be provided, as required [907.2.3]
<b>Smoke Detectors:</b>	Smoke detectors are required for HVAC shutdown for systems delivering in excess of 2,000 cfm [606.1, IMC]

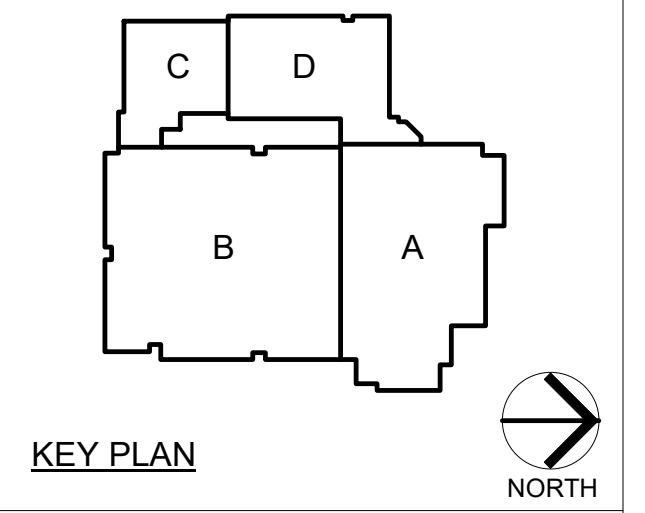
### SQUARE FOOTAGE ANALYSIS

EXISTING FIRST FLOOR	69,450 SQ. SF.
EXISTING BASEMENT	1,146 SQ. SF.
EXISTING SECOND FLOOR	1,159 SQ. SF.
<b>EXISTING TOTAL</b>	<b>71,755 SQ. SF.</b>
REMODELED FIRST FLOOR	14,445 SQ. SF.
<b>REMODELED TOTAL</b>	<b>14,445 SQ. SF.</b>
NEW ADDITION	20,475 SQ. SF.
<b>NEW ADDITION TOTAL</b>	<b>20,475 SQ. SF.</b>
<b>GRAND TOTAL</b>	<b>92,230 SQ. SF.</b>



PROJECT:  
**Porter Lakes Elementary School Addition, Renovations and Related Work**

FOR:  
Porter Township  
208 S 725 W, Hebron, IN 46341



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PROJECT 24-142  
DATE March 5, 2025  
COORDINATED BY JFK  
DRAWN BY CJA JFK  
CHECKED BY DJW

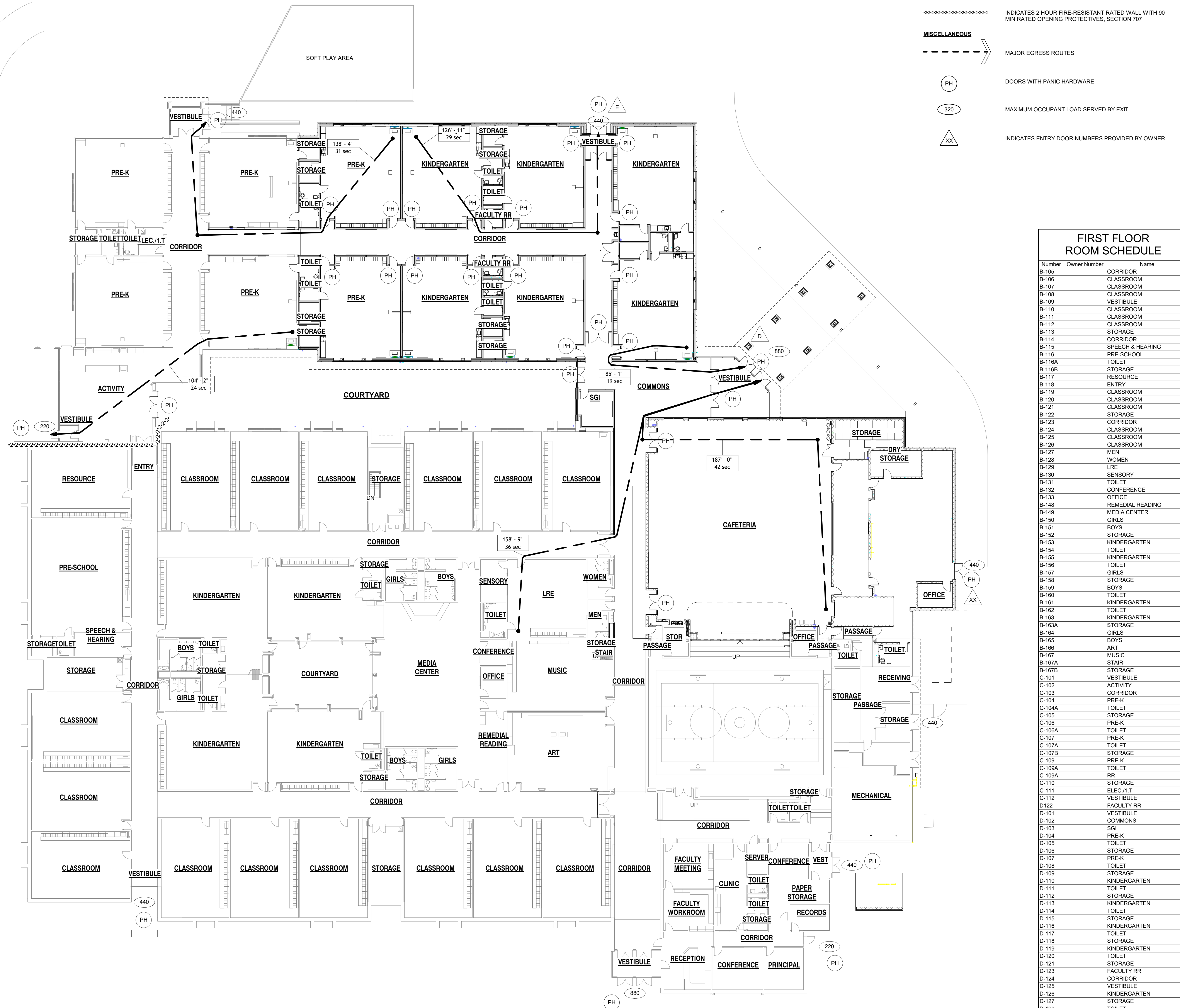
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REVISIONS		
MARK	DATE	ISSUED FOR
AD-2	03/21/25	ADDENDUM 2

DRAWING  
**LIFE SAFETY PLAN**

PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related Work

GIBRALTAR DESIGN SHEET  
AD-2 **G-201**



### FIRST FLOOR ROOM SCHEDULE

Number	Owner Number	Name
B-105		CORRIDOR
B-106		CLASSROOM
B-107		CLASSROOM
B-108		CLASSROOM
B-109		VESTIBULE
B-110		CLASSROOM
B-111		CLASSROOM
B-112		CLASSROOM
B-113		STORAGE
B-114		CORRIDOR
B-115		SPEECH & HEARING
B-116		PRE-SCHOOL
B-116A		TOILET
B-116B		STORAGE
B-117		RESOURCE
B-118		ENTRY
B-119		CLASSROOM
B-120		CLASSROOM
B-121		CLASSROOM
B-122		STORAGE
B-123		CORRIDOR
B-124		CLASSROOM
B-125		CLASSROOM
B-126		CLASSROOM
B-127		MEN
B-128		WOMEN
B-129		LRE
B-130		SENSORY
B-131		TOILET
B-132		CONFERENCE
B-133		OFFICE
B-148		REMEDIAL READING
B-140		MEDIA CENTER
B-150		GIRLS
B-151		BOYS
B-152		STORAGE
B-153		KINDERGARTEN
B-154		TOILET
B-155		KINDERGARTEN
B-156		TOILET
B-157		GIRLS
B-158		PRE-K
B-159		BOYS
B-160		TOILET
B-161		KINDERGARTEN
B-162		TOILET
B-163		KINDERGARTEN
B-163A		STORAGE
B-164		GIRLS
B-165		BOYS
B-166		ART
B-167		MUSIC
B-167A		STAIR
B-167B		STORAGE
C-101		VESTIBULE
C-102		ACTIVITY
C-103		CORRIDOR
C-104		PRE-K
C-104A		TOILET
C-106		STORAGE
C-106		PRE-K
C-106A		TOILET
C-107		PRE-K
C-107A		TOILET
C-107B		STORAGE
C-109		TOILET
C-109A		TOILET
C-109A		RR
C-110		STORAGE
C-111		ELEVATOR
C-112		VESTIBULE
D122		FACULTY RR
D-101		VESTIBULE
D-102		COMMONS
D-103		SGI
D-104		PRE-K
D-105		TOILET
D-106		STORAGE
D-107		PRE-K
D-108		TOILET
D-109		STORAGE
D-110		KINDERGARTEN
D-111		TOILET
D-112		STORAGE
D-113		KINDERGARTEN
D-114		TOILET
D-115		STORAGE
D-116		KINDERGARTEN
D-117		TOILET
D-118		STORAGE
D-119		KINDERGARTEN
D-120		TOILET
D-121		STORAGE
D-123		FACULTY RR
D-124		CORRIDOR
D-125		VESTIBULE
D-126		KINDERGARTEN
D-128		TOILET
D-129		KINDERGARTEN
D-130		STORAGE
D-131		TOILET
D-132		CLOSET
M-100		MECHANICAL MEZZANINE



**DESCRIPTION OF PROPERTY:**

Parcel 1: A parcel of land situated in Section 15, Township 34 North, Range 7 West of the 2nd P.M., Porter County, Indiana, bounded and described as follows: Beginning at the Northeast corner of the NW 1/4 of the NE 1/4 of Section 15; thence North 89°51'23" West along the North line of said Section 15, a distance of 777.00 feet to a point; thence South 42°50'39" West a distance of 401.043 feet to a point; thence South 45°53'33" East a distance of 532.676 feet to a point; thence South 89°51'28" East a distance of 665.252 feet to a point in the East line of the NW 1/4 of the NE 1/4 of Section 15; thence North 00°10'14" East along said East line a distance of 664.502 feet to the point of beginning, containing 13.452 acres, more or less. (Document No. 42837, Book 277 page 177)

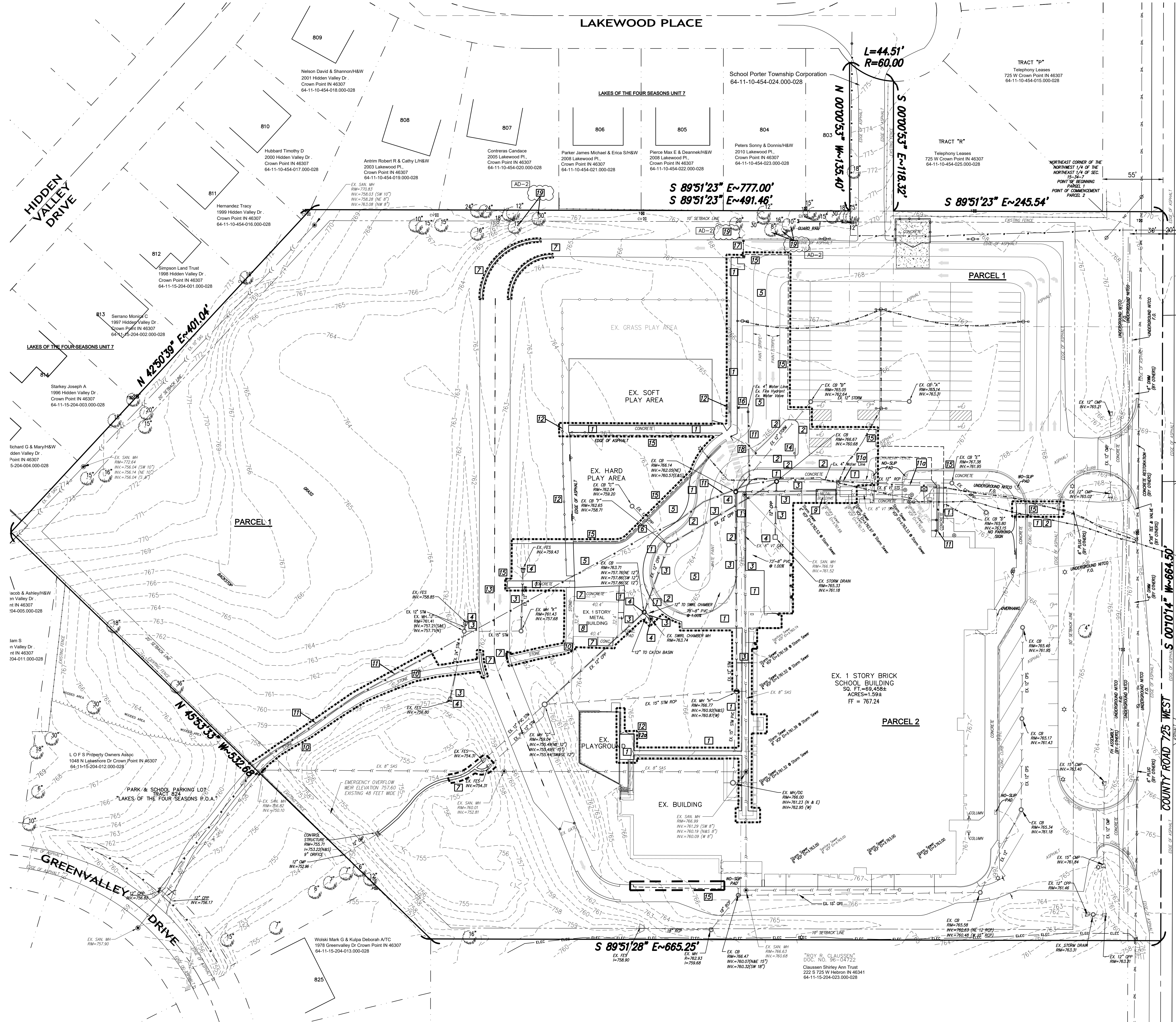
Parcel 2: A parcel of land in Section 15, Township 34 North, Range 7 West, bounded and described as follows: Commencing at the Northeast corner of the NW 1/4 of the NE 1/4 of said Section 15; thence South 00°10'14" West along the East line of said 1/4 1/4 Section 664.50 feet; thence North 89°51'28" West 30.00 feet; thence North 00°10'14" East 39.52 feet; thence North 89°49'46" West 353.00 feet; thence North 00°10'14" East 520.00 feet; thence South 89°49'46" East 97.47 feet; thence North 00°10'14" East 104.87 feet to the North line of said 1/4 1/4 Section (said line also being the South line of Lakes of the Four Seasons Unit Number 7, Porter County, Indiana); thence South 89°51'23" East along said North line 40.00 feet to the Southeast corner of Lot 803P in said Unit Number 7; thence South 00°10'14" West 104.89 feet; thence South 89°49'46" East 215.53 feet; thence North 00°10'14" East 104.99 feet to said North line; thence South 89°51'23" East 30.00 feet to the point of Commencement; said parcel subject to a 35.0 foot easement for County Road Right-of-way along the entire East side. (Document No. 98-03796, Book 486 page 323)

Also the East 40.00 feet as measured normal to the East line of Lot 803P Unit Number 7 of Lakes of the Four Seasons, as recorded in Plat Book 3 page 108 in the Office of the Recorder of Porter County, Indiana. Said two parcels contain 4.83 acres and subject to all Legal Highways and Easements.

**NOTES:**

1. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING SITE CONDITIONS AND SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND ALL PROPOSED IMPROVEMENTS IN THE CONSTRUCTION DRAWINGS.
2. THE TOPOGRAPHY WAS TAKEN FROM A TOPOGRAPHIC SURVEY PERFORMED BY TORRENGA SURVEYING, LLC ON NOVEMBER 20, 2024. TOPOGRAPHIC INFORMATION IS BASED UPON NAVD 88 DATUM.

THIS PROPERTY IS LOCATED IN FLOOD ZONE(S) X (UNSHADED) AS DETERMINED BY USING SCALE MEASUREMENT FOR LOCATION UPON THE APPLICABLE FLOOD INSURANCE RATE MAP FOR PORTER COUNTY, INDIANA AS SHOWN IN COMMUNITY PANEL(S) 18127C0190D EFFECTIVE SEPTEMBER 30, 2015. TRACTS OF LAND LOCATED IN FLOOD ZONE X (UNSHADED) ARE AREAS DETERMINED TO BE OUTSIDE OF THE 0.2% ANNUAL CHANCE FLOOD HAZARD.



- DEMOLITION NOTES**
- 1 REMOVE CONCRETE WALK / CONCRETE CURB
  - 2 REMOVE CONCRETE CURB & ASPHALT PAVEMENT
  - 3 REMOVE STORM SEWER PIPE/SANITARY SEWER PIPE
  - 4 REMOVE EXISTING STRUCTURE
  - 5 REMOVE ASPHALT
  - 6 REMOVE POWER POLE/LIGHT POLE
  - 7 REMOVE CONCRETE
  - 8 REMOVE EXISTING METAL BUILDING AND CONCRETE FLOOR PAD. REFER TO ELECTRICAL SHEETS FOR RELOCATION OF ELECTRICAL FEED TO NEW METAL BUILDING TO THE WEST.
  - 9 REMOVE METAL BUILDING
  - 10 REMOVE STONE ROADWAY
  - 11 REMOVE WATERMAIN
  - 12 ABANDON WATERMAIN IN PLACE AND FILL WITH FLOWABLE FILL
  - 13 REMOVE EXISTING FENCE
  - 14 REMOVE EXISTING GATE
  - 15 PAINTED ARROWS TO BE BLACKED OUT
  - 16 REMOVE EXISTING SIGN SAVE FOR RELOCATION
  - 17 APPROXIMATE SAW CUT LINE
  - 18 REMOVE FIRE HYDRANT, RELOCATE TO POSITION SHOWN ON C-3.1
  - 19 REMOVE EXISTING GATE, REINSTALL IN POSITION SHOWN ON SUE PLAN
  - 20 REMOVE EXISTING TREE FOR INSTALLATION OF TEMPORARY ROAD.

**NOTES:**

1. THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING SITE CONDITIONS AND SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND ALL PROPOSED IMPROVEMENTS IN THE CONSTRUCTION DRAWINGS.



**PORTER LAKES ELEMENTARY SCHOOL - BUILDING ADDITION & SITE IMPROVEMENTS**

TORRENGA ENGINEERING, INC.  
CONSULTING ENGINEERS & LAND SURVEYORS  
907 RIDGE ROAD  
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Indianapolis, IN 46260  
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Phone: 317.580.5777 Fax: 317.580.5778

PROJECT: 24-142  
DATE: 03/10/25  
COORDINATED BY: DCT  
DRAWN BY: DCT/EM  
CHECKED BY: DCT

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MARK	DATE	ISSUED FOR
AD-1	03/17/25	ADDENDUM NO. 1
AD-2	03/21/25	ADDENDUM NO. 2

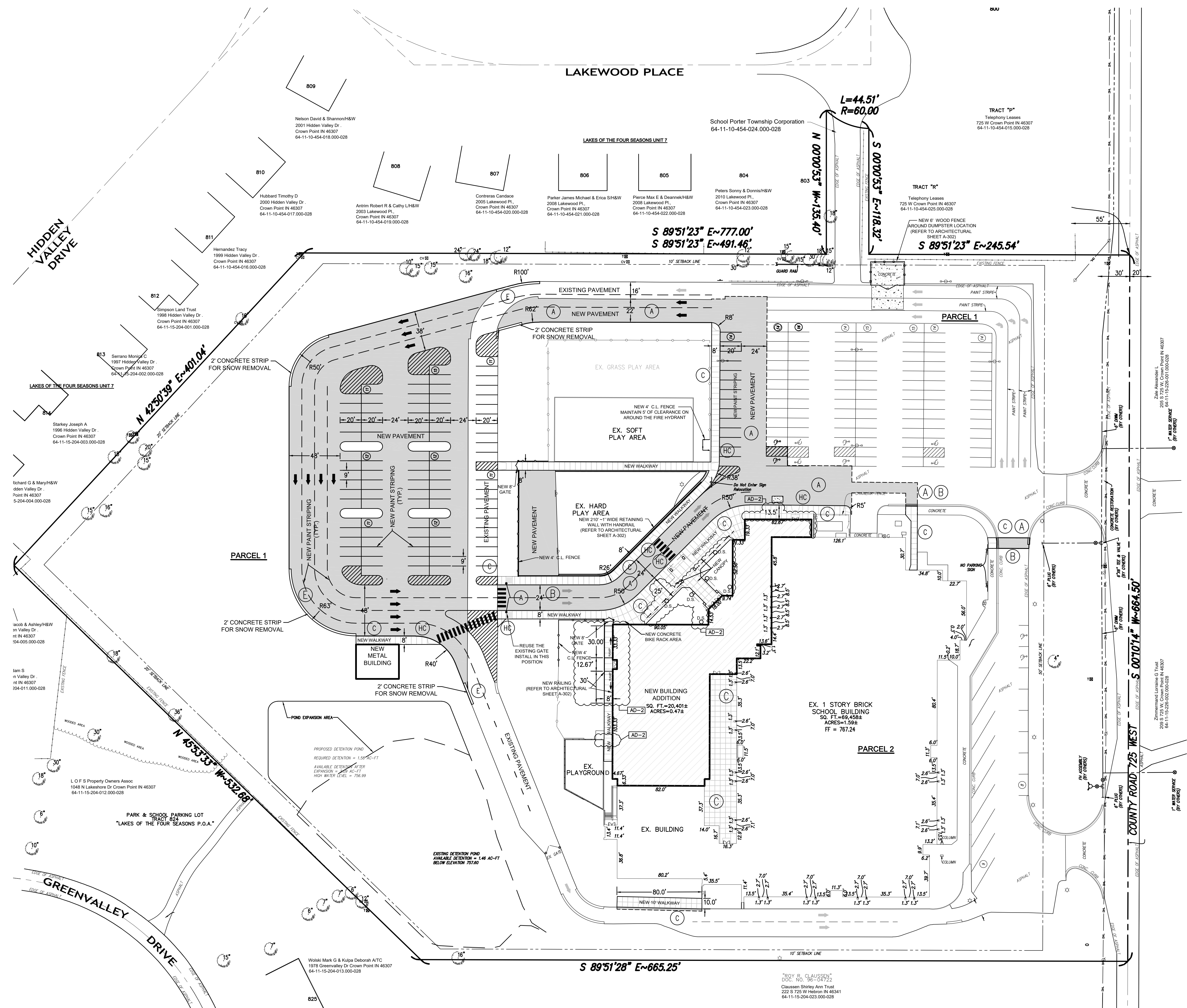
DRAWING: DEMOLITION PLAN

PROJECT: PORTER LAKES ELEMENTARY SCHOOL - BUILDING ADDITION & SITE IMPROVEMENTS

SHEET: C-1.1

Z:\2024-5862 Porter Lakes Elementary School\wpd\_2024-5862 Porter Lakes Elementary School.dwg 3/14/2025 8:37:46 AM CST

Z:\2024-5062 Porter Lakes Elementary School\wpd\_2024-5062 Porter Lakes Elementary School\wpd\_2024-5062 3/14/2025 8:37:46 AM CST



**Porter Lakes Elementary - Areas**  
 Total - 585,382 sq. ft. / 13.452 ac.  
 Total minus road right of way - 568,022 sq. ft. / 13.04 ac.  
**EXISTING**  
 Existing pervious area - 327,618 sq. ft. / 7.521 ac.  
 Existing impervious area - 258,364 sq. ft. / 5.931 ac.

**PROPOSED**  
 Proposed pervious area - 250,010 sq. ft. / 5.708 ac.  
 Proposed impervious area - 335,972 sq. ft. / 7.713 ac.  
 By ordinance the maximum area of impervious surface coverage for the lot cannot exceed 70%.  
 Proposed impervious / Total = 7.713 / 13.04 = 0.5915 = 59.15% coverage < 70%

**Porter Lakes Elementary - Parking Space Requirement by Porter County Ordinance**  
 The maximum number of parking spaces is equal to 2 for every 3 employees plus 1 for every 5 students based upon the maximum number of students that the school is designed to occupy.

The number of employees at Porter Lakes Elementary School is 89. The maximum number of students at Porter Lakes Elementary School is 756.  
 The calculation of required spaces is as follows:  
 89 employees divided by 3 times 2 = 59 spaces.  
 756 students divided by 5 = 151 spaces.  
 The maximum number of parking spaces is 210.  
 The proposed number of parking spaces after construction is as follows:  
 There are 207 regular parking spaces and 10 handicap spaces.  
 The total number of parking spaces is 217 with 9 bus spaces.

- PARKING NOTES:**
- THE EXISTING PARKING LOTS HAVE 100 REGULAR PARKING SPACES. THERE ARE 10 EXISTING HANDICAP SPACES. THERE ARE 9 BUS PARKING SPACES.
  - THE PROPOSED PARKING LOTS HAVE 207 REGULAR SPACES, 10 HANDICAP SPACES AND 9 BUS PARKING SPACES.
  - BY ORDINANCE THE REQUIRED NUMBER OF PARKING SPACES FOR THE SCHOOL IS 34 CLASSROOMS X 3 = 102 SPACES.

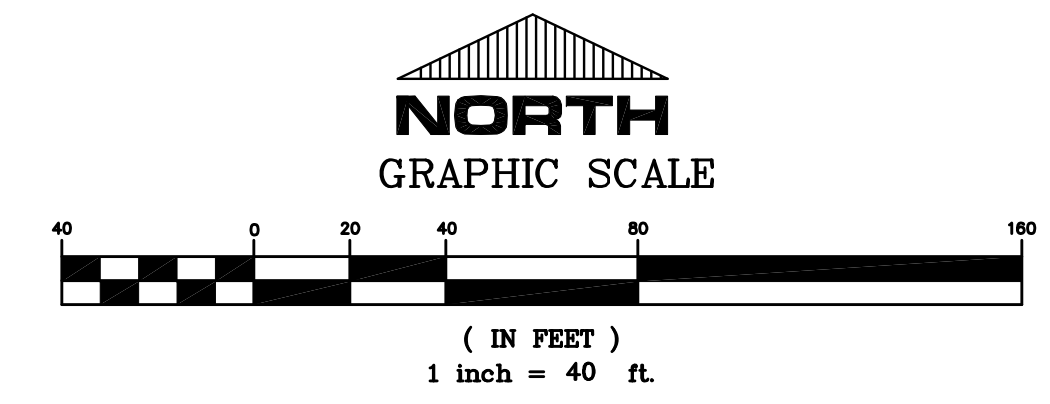
**LEGEND:**

- PROPOSED**
- (A) NEW ASPHALT
  - (C) CONCRETE WALK
  - (B) 6" BARRIER CURB OR 2' HIGH BACK CURB
  - (E) 2' WIDE CONCRETE
  - (HC) HANDICAP RAMP
  - CONTINENTAL CROSSWALK
  - CHAIN LINK FENCE (BLACK CLAD)
  - TRAFFIC FLOW ARROW (PAINTED)
  - SKIP LINES (PAINTED)
  - O.D.S. DOWNSPOUT

- NOTES:**
- THE CONTRACTOR IS RESPONSIBLE TO VERIFY ALL EXISTING SITE CONDITIONS AND SHALL NOTIFY THE ARCHITECT/ENGINEER IMMEDIATELY OF ANY DISCREPANCIES BETWEEN THE EXISTING CONDITIONS AND ALL PROPOSED IMPROVEMENTS IN THE CONSTRUCTION DRAWINGS.

**EXISTING BUILDINGS:**  
 TOTAL AREA  
 SCHOOL = 69,471 SF  
 ACCESSORY STRUCTURES = 1,516 SF

**PROPOSED BUILDINGS:**  
 TOTAL AREA  
 SCHOOL = 89,496 SF  
 ACCESSORY STRUCTURES = 1,309 SF



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**PORTER LAKES ELEMENTARY SCHOOL - BUILDING ADDITION & SITE IMPROVEMENTS**

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PROJECT: 24-142  
 DATE: 03/10/25  
 COORDINATED BY: DCT  
 DRAWN BY: DCT/EM  
 CHECKED BY: DCT

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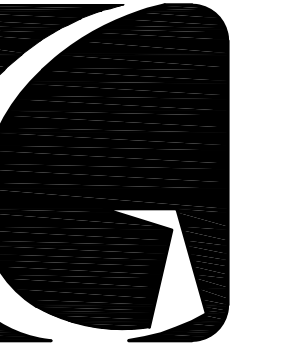
MARK	DATE	ISSUED FOR
AD-2	03/21/25	ADDENDUM NO. 2

REVISIONS	DATE	ISSUED FOR

DRAWING  
 SITE PLAN

PROJECT  
 PORTER LAKES ELEMENTARY SCHOOL - BUILDING ADDITION & SITE IMPROVEMENTS

PROJECT SHEET  
**C-2.0**



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**PORTER LAKES  
ELEMENTARY  
SCHOOL -  
BUILDING  
ADDITION & SITE  
IMPROVEMENTS**

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**LEGEND:**  
PROPOSED  
POND CONTOUR / PROPOSED CONTOUR  
STORM SEWER  
GRADE  
ELEVATION AT TOP OF WALK  
ELEVATION AT TOP OF WALL  
ELEVATION AT PROPOSED GRADE  
ELEVATION AT FINISHED GRADE  
ELEVATION AT TOP OF PAVEMENT  
FLARED END SECTION  
DIRECTION OF DRAINAGE FLOW  
D.S. DOWNSPOUT

**REVISIONS**

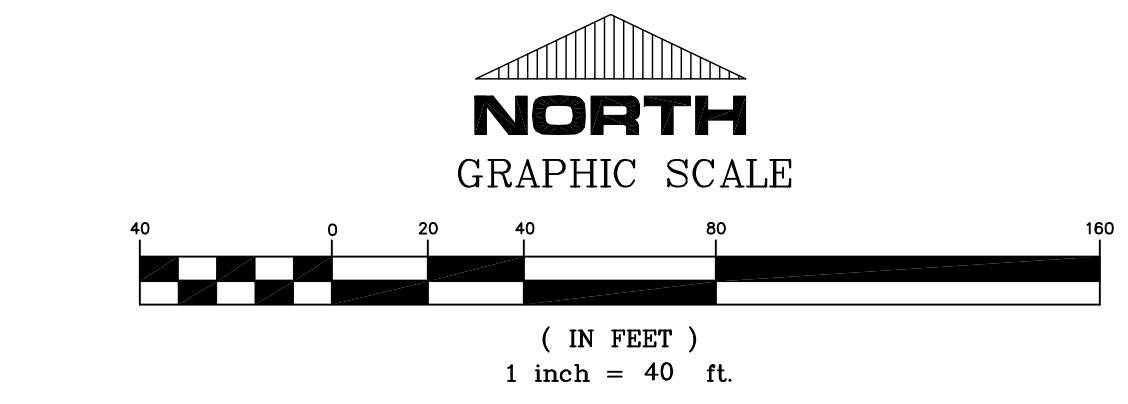
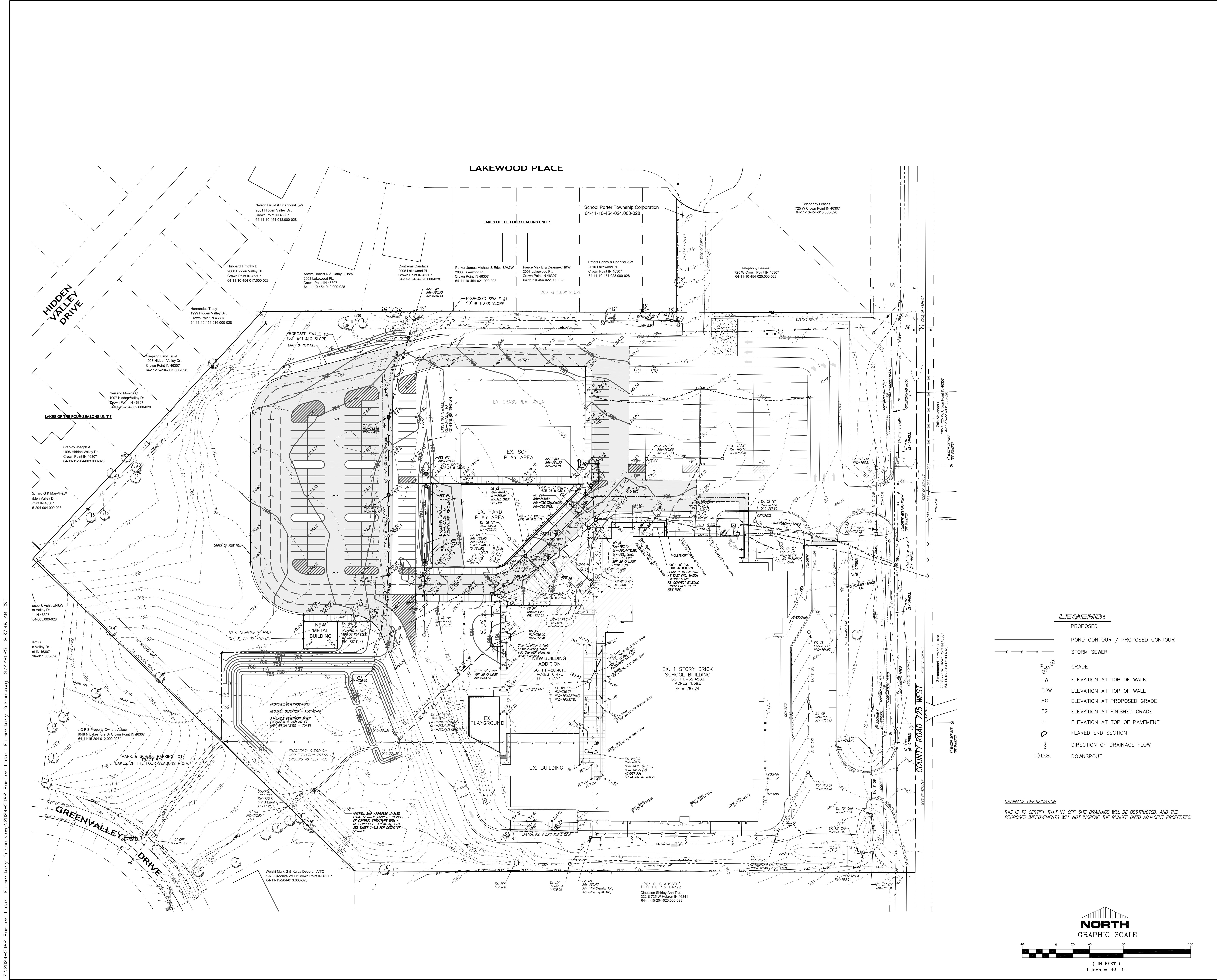
MARK	DATE	ISSUED FOR
AD-2	03/21/25	ADDENDUM NO. 2

**DRAINAGE AND GRADING PLAN**

PROJECT: PORTER LAKES ELEMENTARY SCHOOL - BUILDING ADDITION & SITE IMPROVEMENTS

PROJECT: PORTER LAKES ELEMENTARY SCHOOL - BUILDING ADDITION & SITE IMPROVEMENTS

SHEET: C-3.0



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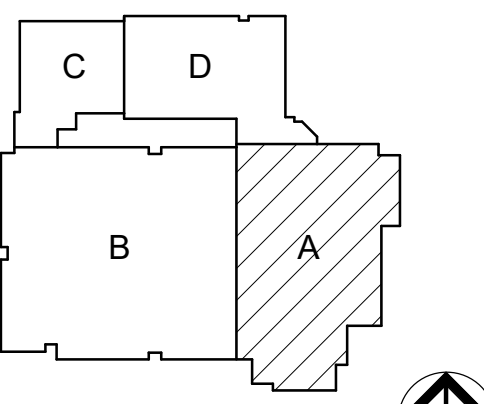
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PROJECT:

Porter Lakes Elementary School Addition, Renovations and Related Work

FOR:  
Porter Township

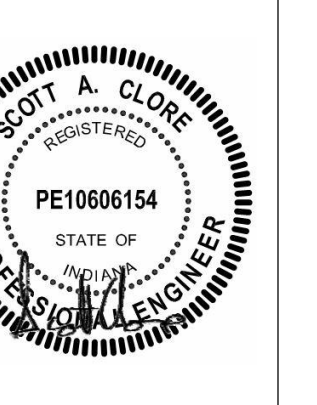
208 S 725 W, Hebron, IN 46341



KEY PLAN NORTH

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PROJECT  
24-142  
DATE  
March 5, 2025  
COORDINATED BY  
NHF  
DRAWN BY  
NHF  
CHECKED BY  
SAC



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AD-2	03.21.2025	ADDENDUM 2

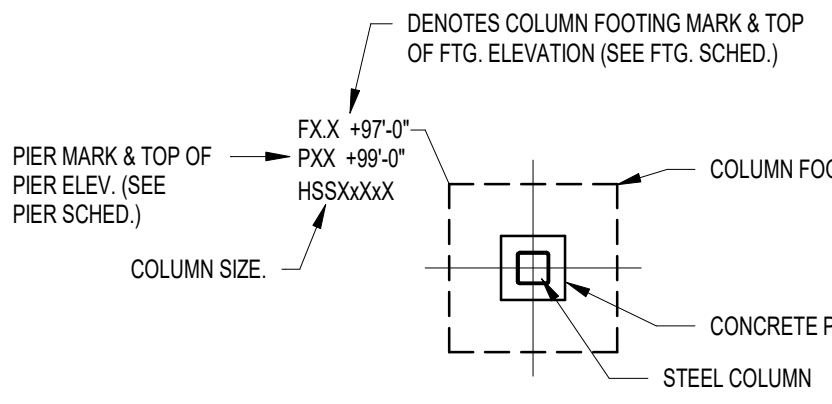
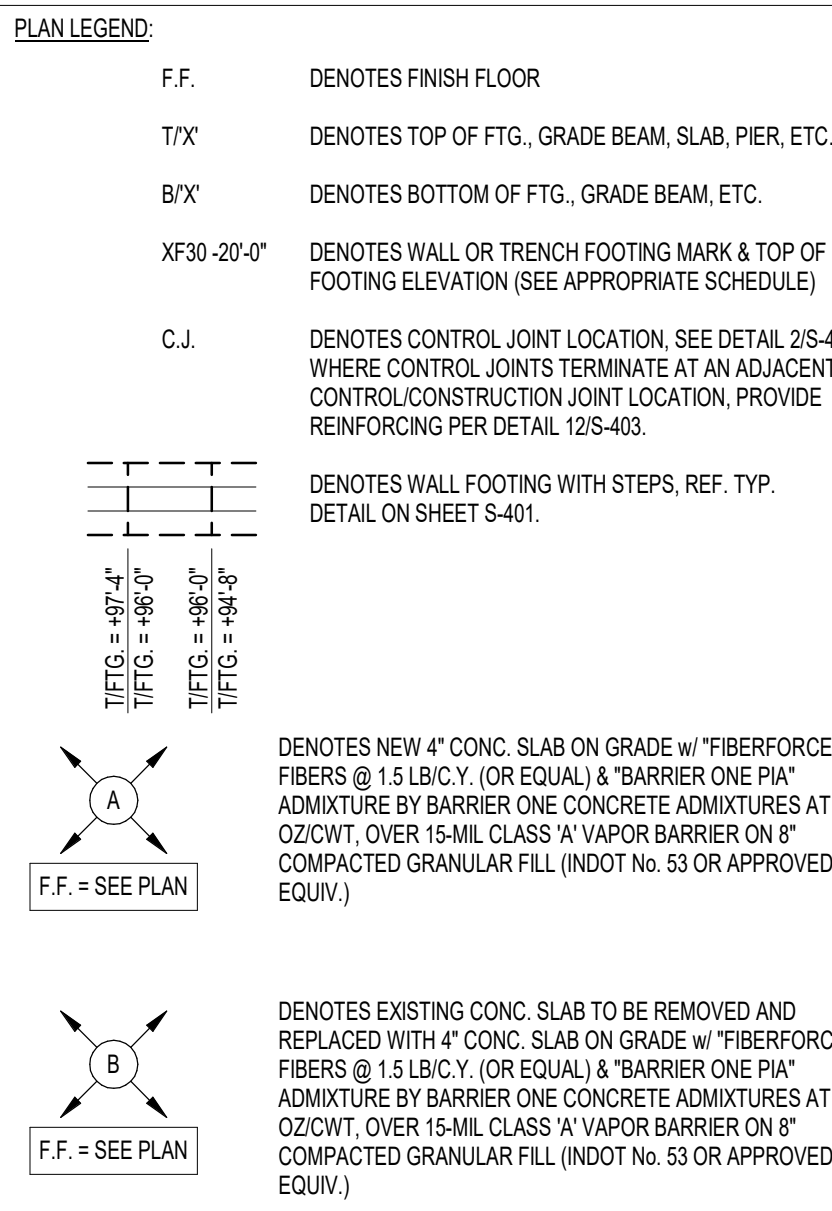
DRAWING  
FOUNDATION PLAN - AREA A

PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

DESIGNER  
SHEET  
**A S-201**

**FOUNDATION PLAN NOTES**

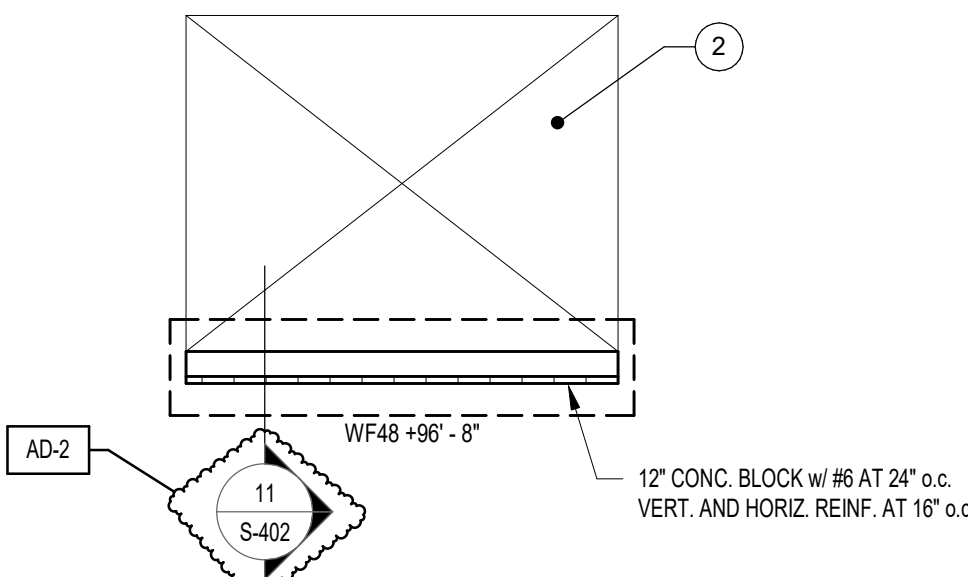
- REFER TO SHEETS S-001-02 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION +100'-0". REFER TO THE SITE/CIVIL DRAWINGS FOR EXACT U.S.S. ELEVATION.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- REFER TO SHEET S-401 FOR TYPICAL FOUNDATION DETAILS.
- NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEAVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) AND CONDUITS SHOWN ON THE PLUMBING/ELECTRICAL DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.
- ANY SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
- COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINFORCING ON PLANS & SECTIONS.
- GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
- COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOILS w/ A MINIMUM BEARING CAPACITY OF 2,500 PSF. WHERE THESE CAPACITIES CANNOT BE ACHIEVED REFER TO THE TYPICAL OVEREXCAVATION DETAILS ON SHEET S-401, AND COORDINATE WITH THE GEOTECHNICAL ENGINEER AND/OR 3<sup>RD</sup> PARTY TESTING AGENCY.
- PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE THE TYPICAL DETAIL ON SHEET S-401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
- PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAIL ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.



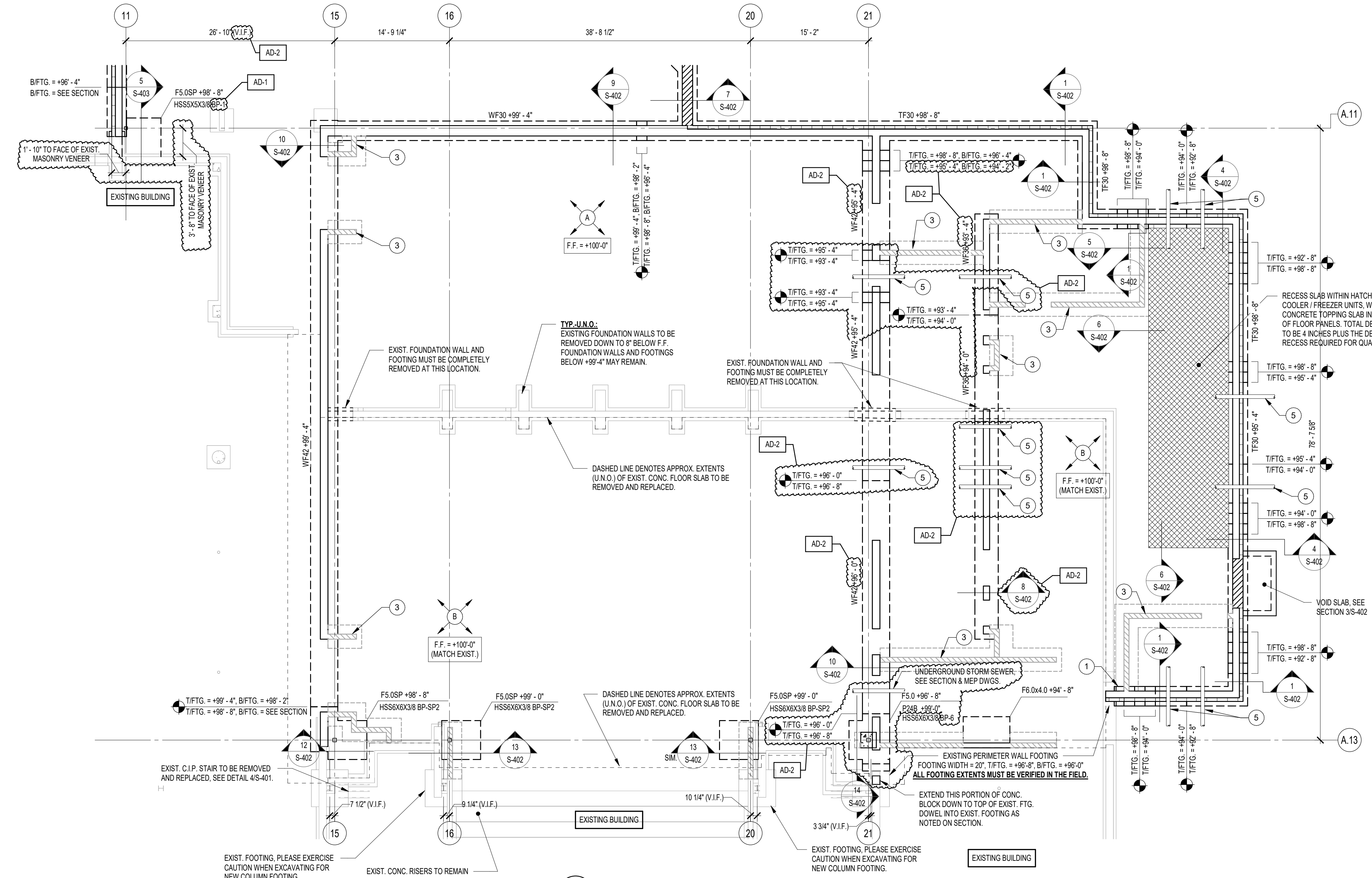
**FOUNDATION PLAN KEYED NOTES**

- LOWER BOTTOM OF NEW WALL OR TRENCH FOOTING TO MATCH BOTTOM OF EXIST. WALL AND/OR COLUMN FOOTING AT THIS LOCATION.
- DENOTES MECHANICAL EQUIPMENT PAD. COORD. EXACT MECHANICAL PAD SIZE AND LOCATION w/ THE APPROPRIATE CONTRACTOR. REFER TO SECTION 4S-403 FOR EQUIPMENT PAD REINFORCEMENT AND PERIMETER DETAILS.
- DENOTES INTERIOR CONC. BLOCK WALL w/ #4 AT 48" o.c. VERT. (GROUT CORES SOLID AT BARS) AND HORIZ. REIN. AT 16" o.c. ON THICKENED SLAB PER TYPICAL DETAIL ON SHEET S-401, TYP.
- CONCRETE STAIRS: REFER TO TYPICAL DETAIL ON S-401. COORDINATE GEOMETRY AND LOCATION w/ ARCH. DRAWINGS.
- DENOTES APPROX. LOCATION OF PIPE PENETRATION THROUGH FOUNDATION WALL. REFER TO PLUMBING AND SITE/CIVIL DRAWINGS FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.
- DENOTES NEW TO EXIST. SLAB. REFER TO DETAIL 16S-401 FOR NEW REIN. EMBED AND SPACING INTO EXIST. CONC. SLAB.
- DENOTES OFFSET CONC. PIER AS NOTED DIMENSIONED ON PLAN. REFER TO BASEPLATE SCHEDULE ON SHEET S-402 FOR SPECIALTY BASEPLATE TO BE PROVIDED AT THIS LOCATION.
- PIPE PENETRATION THROUGH C.I.P. WALL. SEE DETAIL 17S-401. COORD. INVERT ELEV. w/ MEP DWGS.
- DENOTES 24" WIDE C.I.P. WALL w/ #7 @ 12" o.c. EA. WAY, EA. FACE. SEE SECTIONS. T.WALL = +99'-0" S.WALL TO MATCH T.FTG. (SEE PLAN)

AD-2



**2 FOUNDATION PLAN - ALTERNATE TRANSFORMER PAD**  
1/8" = 1'-0"



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

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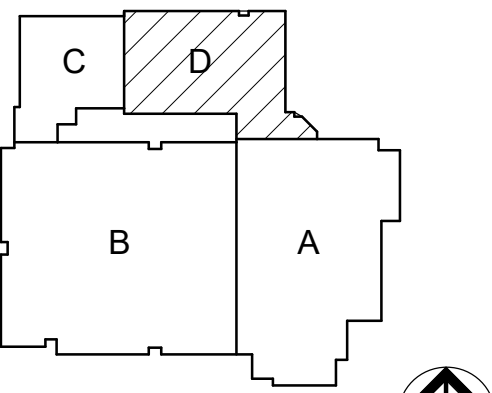


**GIBRALTAR DESIGN**  
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

PROJECT:  
**Porter Lakes Elementary School Addition, Renovations and Related Work**

FOR:  
Porter Township

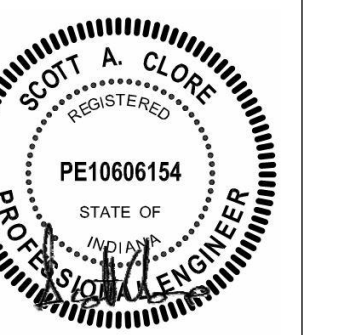
208 S 725 W, Hebron, IN 46341



KEY PLAN  
NORTH

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PROJECT  
24-142  
DATE  
March 5, 2025  
COORDINATED BY  
NHF  
DRAWN BY  
NHF  
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REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	03.14.2025	ADDENDUM 1
AD-2	03.21.2025	ADDENDUM 2

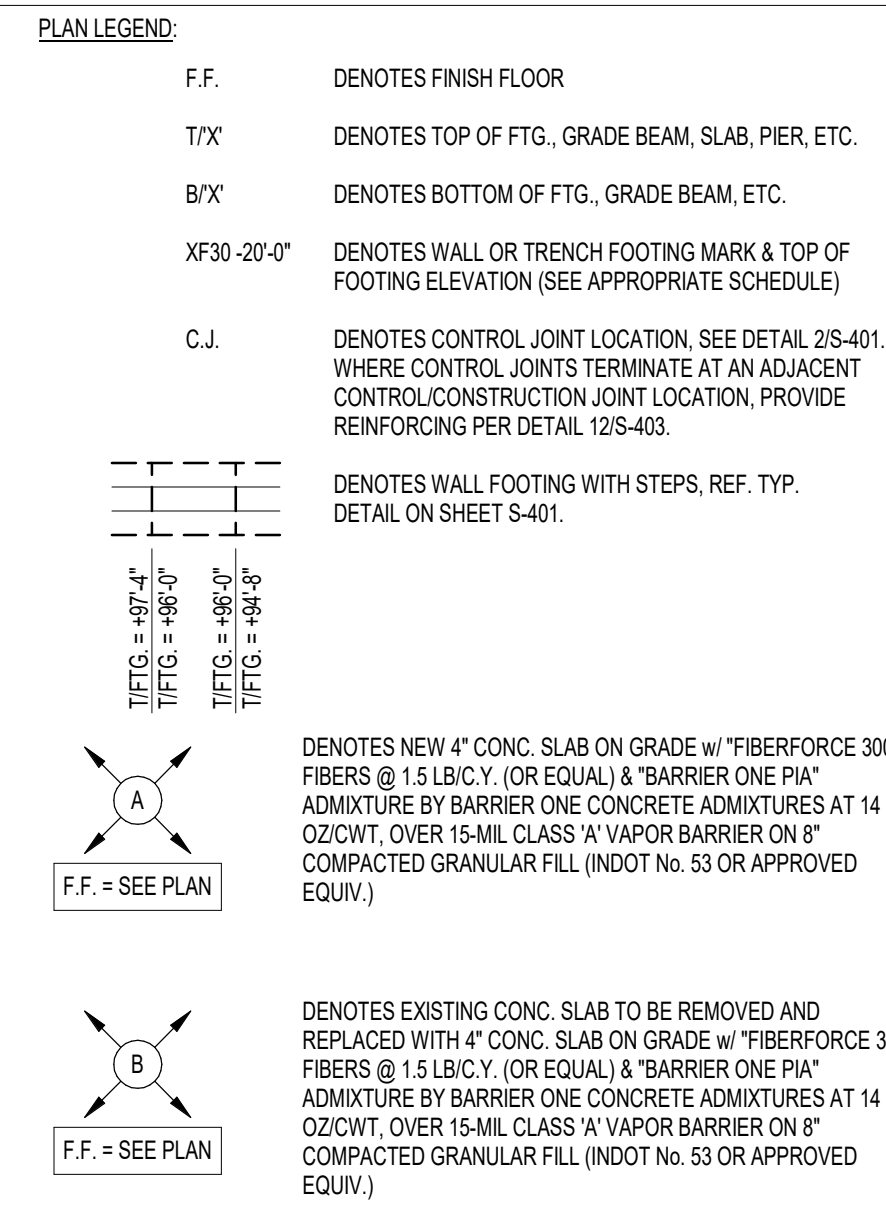
DRAWING  
FOUNDATION PLAN - AREA D

PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

D SHEET  
**S-202**

**FOUNDATION PLAN NOTES**

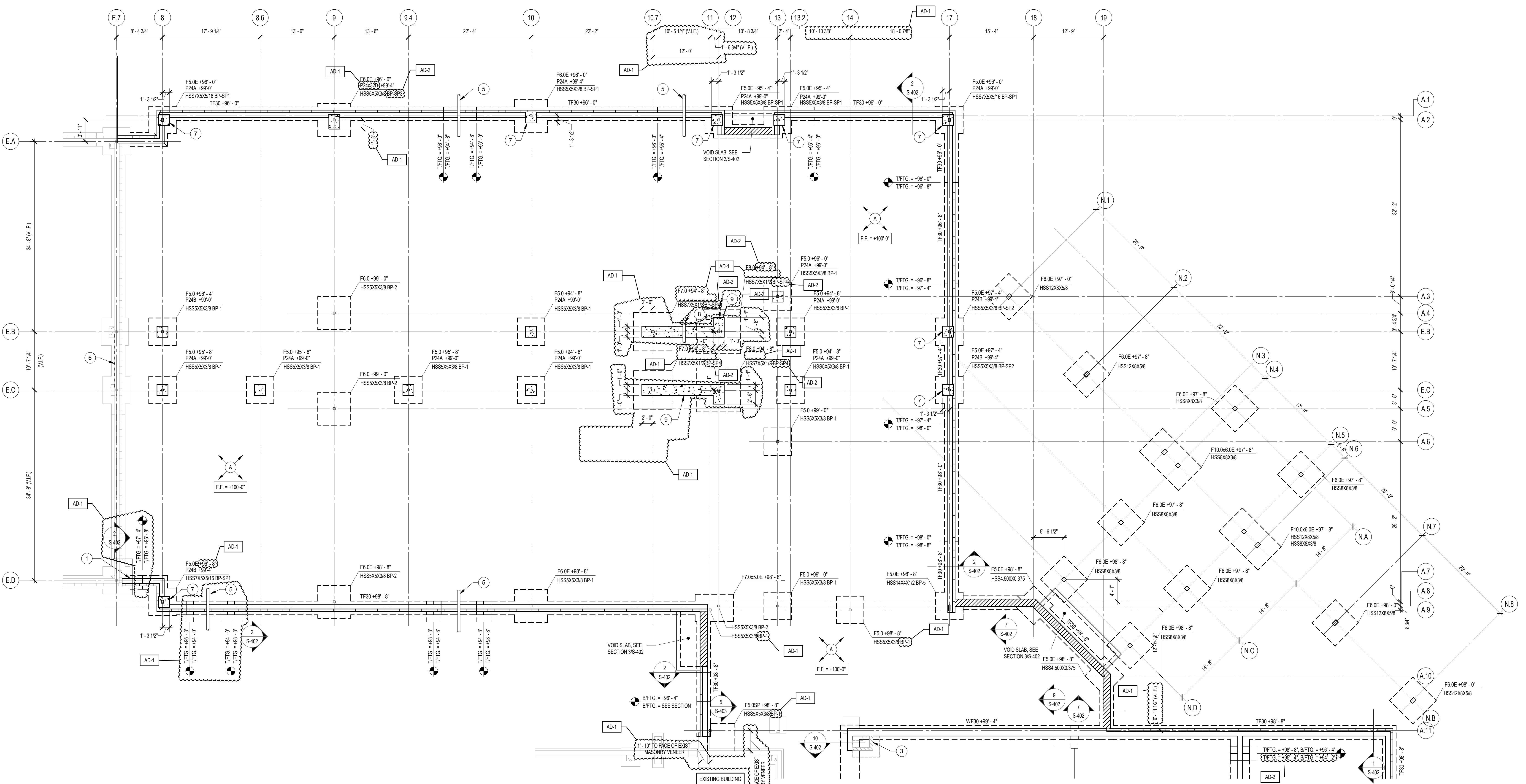
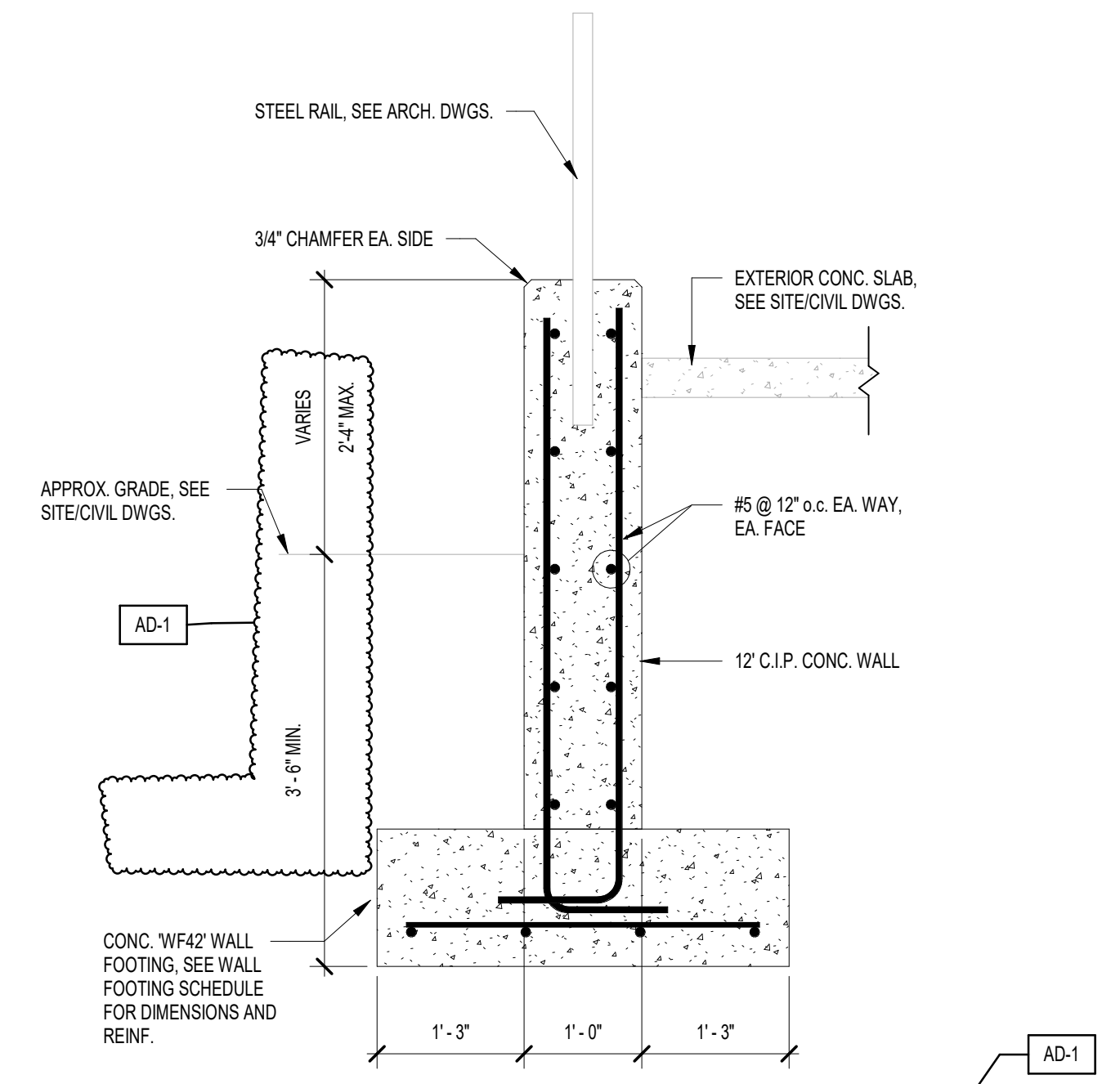
- REFER TO SHEETS S-401-402 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
- ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
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- ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION +100'-0". REFER TO THE SITE/CIVIL DRAWINGS FOR EXACT S.I.S. ELEVATION.
- REFER TO ARCHITECTURAL DRAWINGS FOR ALL DIMENSIONS NOT SHOWN.
- CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- REFER TO SHEET S-401 FOR TYPICAL FOUNDATION DETAILS.
- NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) AND CONDUITS SHOWN ON THE PLUMBING/ELECTRICAL DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.
- ANY SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
- COORDINATE REINFORCING BARS FOR CMU VERTICAL REINFORCING WITH REINFORCING ON PLANS & SECTIONS.
- GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
- COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOILS TO A MINIMUM BEARING CAPACITY OF 2,500 PSF. WHERE THESE CAPACITIES CANNOT BE ACHIEVED REFER TO THE TYPICAL OVEREXCAVATION DETAILS ON SHEET S-401, AND COORDINATE WITH THE GEOTECHNICAL ENGINEER AND/OR 3RD PARTY TESTING AGENCY.
- PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE THE TYPICAL DETAIL ON SHEET S-401 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
- PROVIDE CONTROL JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAIL ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN FILM FINISH FLOORINGS SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.



**FOUNDATION PLAN KEYED NOTES**

- LOWER BOTTOM OF NEW WALL OR TRENCH FOOTING TO MATCH BOTTOM OF EXIST. WALL AND/OR COLUMN FOOTING AT THIS LOCATION.
- DENOTES MECHANICAL EQUIPMENT PAD. COORD. EXACT MECHANICAL PAD SIZE AND LOCATION w/ THE APPROPRIATE CONTRACTOR. REFER TO SECTION 4S-403 FOR EQUIPMENT PAD REINFORCEMENT AND PERIMETER DETAILING.
- DENOTES INTERIOR CONC. BLOCK WALL w/ H AT 48" o.c. VERT. (GROUT CORES SOLID AT BARS) AND HORIZ. REIN. AT 16" o.c. ON THICKENED SLAB PER TYPICAL DETAIL ON SHEET S-401, TYP.
- CONCRETE STAIRS: REFER TO TYPICAL DETAIL ON S-401. COORDINATE GEOMETRY AND LOCATION w/ ARCH. DRAWINGS.
- DENOTES APPROX. LOCATION OF PIPE PENETRATION THROUGH FOUNDATION WALL. REFER TO PLUMBING AND SITE/CIVIL DRAWINGS FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.
- DENOTES NEW TO EXIST. SLAB. REFER TO DETAIL 16S-401 FOR NEW REIN. EMBED AND SPRINGING INTO EXIST. CONC. SLAB.
- DENOTES OFFSET CONC. PIER AS NOTED DIMENSIONED ON PLAN. REFER TO BASEPLATE SCHEDULE ON SHEET S-402 FOR SPECIALTY BASEPLATE TO BE PROVIDED AT THIS LOCATION.
- PIPE PENETRATION THROUGH C.I.P. WALL. SEE DETAIL 17S-401. COORD. INVERT ELEV. w/ MEP DWGS.
- DENOTES 24" WIDE C.I.P. WALL w/ #7 @ 12" o.c. EA. WAY, EA. FACE. SEE SECTIONS.

**2 RETAINING WALL SECTION - AT PLAYGROUND**  
3/4" = 1'-0"



**1 FOUNDATION PLAN - AREA D**  
1/8" = 1'-0"

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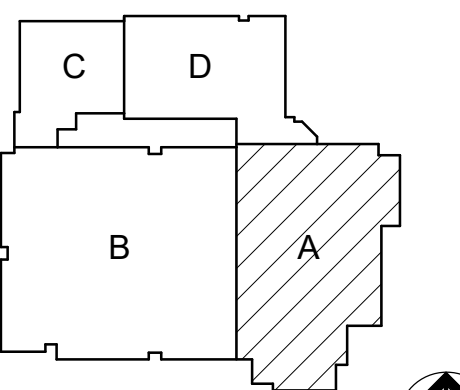


PROJECT:

# Porter Lakes Elementary School Addition, Renovations and Related Work

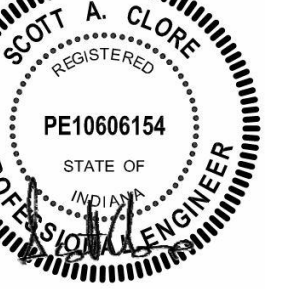
FOR:  
Porter Township

208 S 725 W, Hebron, IN 46341



KEY PLAN

PROJECT  
24-142  
DATE  
March 5, 2025  
COORDINATED BY  
NHF  
DRAWN BY  
NHF  
CHECKED BY  
SAC



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#### REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.14.2025	ADDENDUM 1
AD-2	03.21.2025	ADDENDUM 2

DRAWING  
ROOF FRAMING PLAN - AREA A

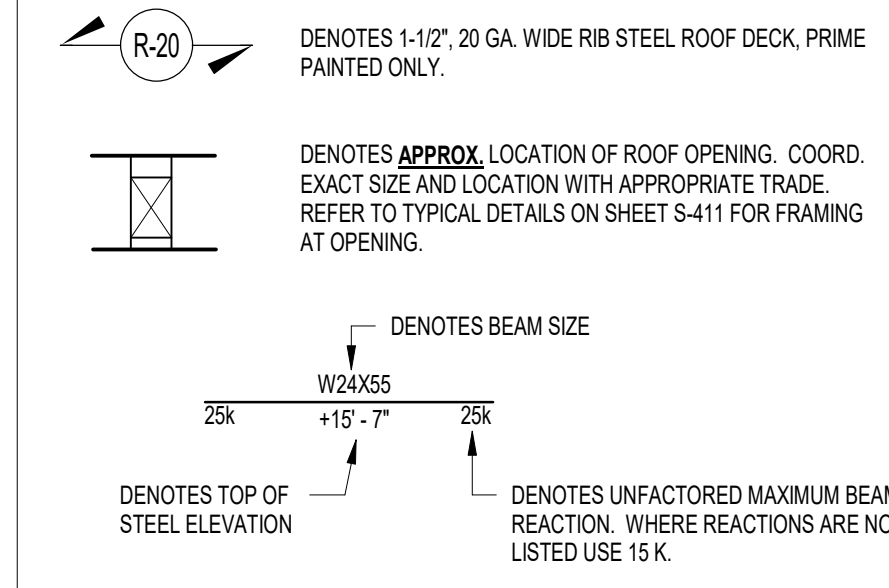
PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

SHEET  
**A** **S-203**

#### ROOF FRAMING PLAN NOTES

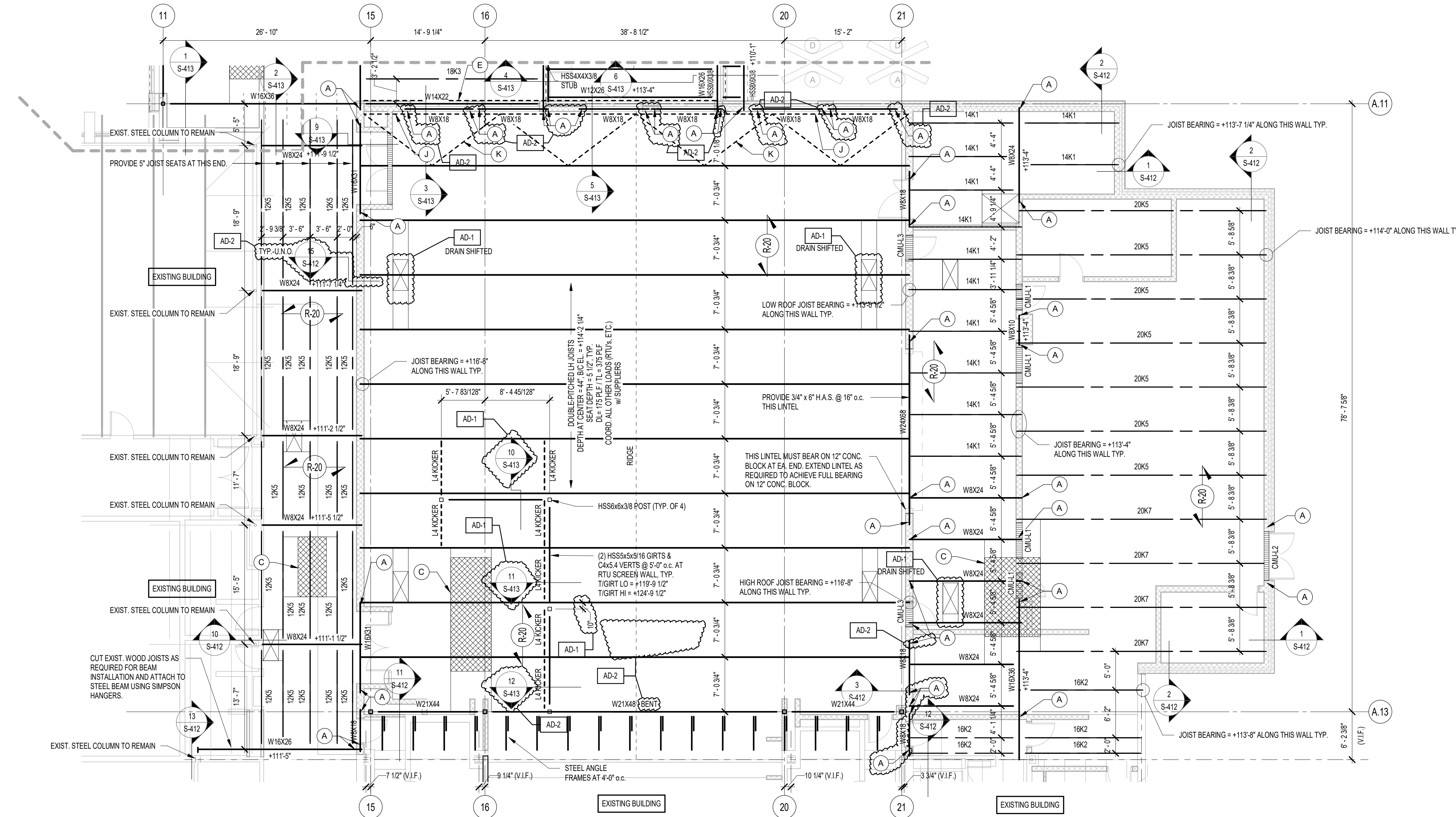
- A. REFER TO SHEET S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
- B. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- C. ALL ELEVATIONS LISTED ARE REFERENCED FROM THE GROUND FLOOR FINISH FLOOR ELEVATION 100'-0" OF NEW CONSTRUCTION. REFER TO THE CIVIL DRAWINGS FOR EXACT U.S.S. ELEVATION.
- D. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- E. COORDINATE SIZE AND LOCATION OF ANY ROOF OPENINGS w/ APPROPRIATE TRADES.
- F. JOIST BRIDGING LOCATIONS AND SIZES ARE TO BE DETERMINED BY SUPPLIER PER S.I. STANDARDS.
- G. BEAR BEAM ON TOP OF COLUMN AT THIS LOCATION. DO NOT PROJECT BEAM BEYOND OUTSIDE FACE OF STUD AT EXTERIOR WALL.
- H. DASHED LINE INDICATES STEEL CHANNEL LAID IN DECK FLUTES FOR ROOF TOP CURB SUPPORT. REFER TO SECTION ON SHEET S-411 FOR ADDITIONAL INFORMATION.
- I. FOR ESTIMATING PURPOSES ASSUME AN ADDITIONAL 5% OF OVERALL STEEL TONNAGE TO ACCOUNT FOR LATERAL BRACING.
- J. WHERE EXTERIOR BEAMS PENETRATE THE EXTERIOR INSULATION BARRIER, SPRAY BEAMS w/ "THERMOC" AEROKOAT THERMAL INSULATING COATING FOR 3'-0" ON EXTERIOR SIDE AND 3'-0" ON INTERIOR SIDE.

#### PLAN LEGEND



#### ROOF FRAMING KEYED NOTES

- A. DENOTES NEW STEEL BEAM OR LINTEL BEARING ON NEW BLOCK LOCATION. REFER TO DETAIL 11S-104 FOR LINTEL BEARING REQUIREMENTS. AT OPENINGS, COORD. EXACT LINTEL ELEV. & EXTENTS w/ ARCH. DWGS. PROVIDE 3/8" x (NOM. WALL WIDTH - 1") PLATE CONT. WELDED TO LINTEL BOTTOM FLANGE. AT EXTERIOR OPENINGS WITH MASONRY VENEER, PROVIDE LOOSE LINTEL PER LINTEL SCHEDULE ON SHEET S-402.
- B. PROVIDE HSS2x1.5x3/16 OUTROGERS WITHIN DECK FLUTES AT 2'-0" o.c. MAX. POSITION UNDER METAL ROOF DECK AND WELD TO BEAM AND JOIST.
- C. APPROXIMATE LOCATION OF ROOF TOP UNIT. PROVIDE CHANNEL BELOW UNIT PER TYPICAL DETAIL ON SHEET S-411. COORDINATE EXACT SIZE AND LOCATION WITH THE APPROPRIATE TRADE.
- D. PROVIDE HSS2x3x3/16 (L.S.V.) ON TOP FLANGE OF BEAM FOR DECK SUPPORT. BREAK AS REQUIRED AT JOIST SEATS. SEE DETAIL 10S-411.
- E. PROVIDE CONT. L4x8x1/2 FOR HIGH BRICK SUPPORT. ANCHOR TO 12" BLOCK w/ 5/8" DIA. HLT1 1/2"X1/2"X5'-0" SCREW ANCHORS w/ 7" EMBED. SET INTO GROUDED BLOCK CELLS. SPACED AT 24" o.c. MAX.
- F. STEEL JOISTS ALONG THIS CORRIDOR ARE TO HAVE 5' JOIST SEATS, TYP. J-UN.O.
- G. DENOTES NEW STEEL LINTEL BEARING ON EXIST. BLOCK. REFER TO DETAILS-104 FOR LINTEL BEARING REQUIREMENTS. COORD. EXACT LINTEL ELEV. & EXTENTS w/ ARCH. DWGS.
- H. DENOTES CHEVRON OR DIAGONAL STEEL BRACE. SEE ELEVATION ON SHEET S-301.
- J. L7x4x3/8 CONT.
- K. L4x4x3/8 DIAGONAL BRACING, ALIGNED TO JOIST BRIDGING LOCATIONS. COORDINATE WITH JOIST SUPPLIER.
- L. DENOTES W8x28 LIFTING BEAM OVER SURGE TANK AND PUMP PIT. COORD. EXACT LOCATION AND ELEVATION OF BEAMS w/ THE APPROPRIATE TRADE.
- M. DASHED LINE DENOTES C8x13 SUPPORTING MASONRY VENEER.
- N. DASHED LINE DENOTES APPROXIMATE EXTENTS OF VESTIBULE OVERHANG. REFER TO SECTIONS FOR ADDITIONAL INFORMATION.
- P. DASHED LINE DENOTES MCBx15.1 SUPPORTING MASONRY VENEER.
- R. CONTINUOUS HSS6x6x3/8 FOR STOREFRONT SUPPORT. COORDINATE ELEVATION. REFER TO SECTION 4S-113 FOR ADDITIONAL INFORMATION.
- S. DESIGN JOIST FOR 1,500 LBS. POINT LOAD AT BRICK BEARING, REF. SECTION 8S-413.



**1** ROOF FRAMING PLAN - AREA A  
1/8" = 1'-0"



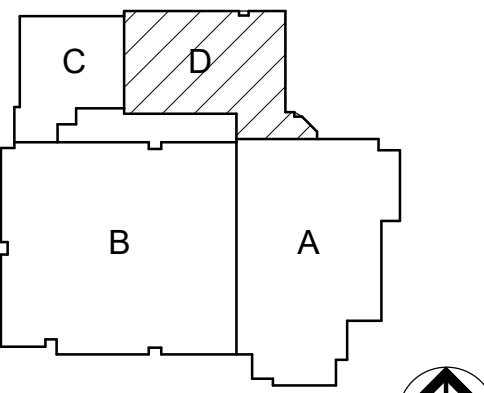
**GIBLARTAR**  
DESIGN  
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

PROJECT:

**Porter Lakes Elementary School Addition, Renovations and Related Work**

FOR:  
Porter Township

208 S 725 W, Hebron, IN 46341



KEY PLAN

**GIBLARTAR DESIGN**

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Indianapolis, IN 46280  
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Phone 317.580.5777 Fax 317.580.5778

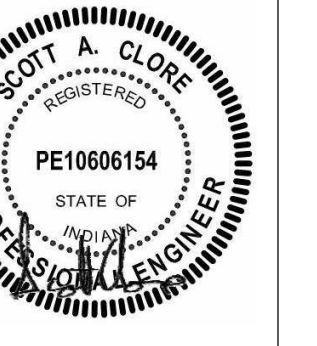
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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.14.2025	ADDENDUM 1
AD-2	03.21.2025	ADDENDUM 2

DRAWING  
ROOF FRAMING PLAN - AREA D

PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

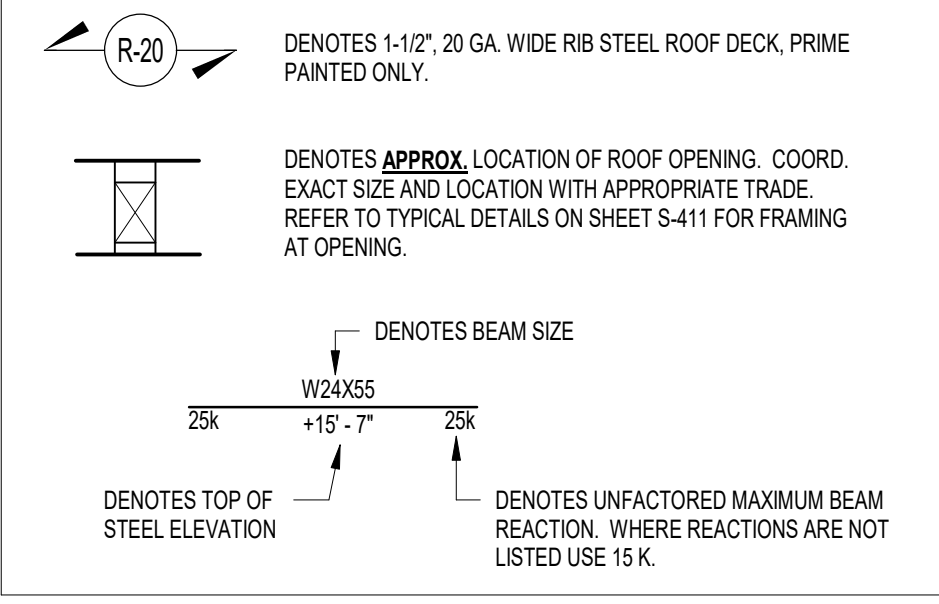
© GIBLARTAR DESIGN SHEET

**D S-204**

**ROOF FRAMING PLAN NOTES**

- A. REFER TO SHEET S-201 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
- B. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- C. ALL ELEVATIONS LISTED ARE REFERENCED FROM THE GROUND FLOOR FINISH FLOOR ELEVATION 100'-0" OF NEW CONSTRUCTION. REFER TO THE CIVIL DRAWINGS FOR EXACT U.S.G.S. ELEVATION.
- D. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
- E. COORDINATE SIZE AND LOCATION OF ANY ROOF OPENINGS W/ APPROPRIATE TRADE(S).
- F. JOIST BRIDGING LOCATIONS AND SIZES ARE TO BE DETERMINED BY SUPPLIER PER SJI STANDARDS.
- G. BEAR BEAM ON TOP OF COLUMN AT THIS LOCATION. DO NOT PROJECT BEAM BEYOND OUTSIDE FACE OF STUD AT EXTERIOR WALL.
- H. DASHED LINE INDICATES STEEL CHANNEL LAID IN DECK FLUTES FOR ROOF TOP CURB SUPPORT. REFER TO SECTION ON SHEET S-411 FOR ADDITIONAL INFORMATION.
- I. FOR ESTIMATING PURPOSES ASSUME AN ADDITIONAL 5% OF OVERALL STEEL TONNAGE TO ACCOUNT FOR LATERAL BRACING.
- J. WHERE EXTERIOR BEAMS PENETRATE THE EXTERIOR INSULATION BARRIER, SPRAY BEAMS W/ "THERMAC" AEROGEL THERMAL INSULATING COATING FOR 3'-0" ON EXTERIOR SIDE AND 3'-0" ON INTERIOR SIDE.

**PLAN LEGEND**



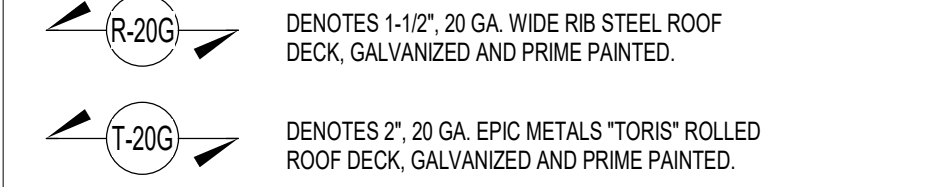
**ROOF FRAMING KEYED NOTES**

- A. DENOTES NEW STEEL BEAM OR LINTEL BEARING ON NEW BLOCK LOCATION. REFER TO DETAIL 11S-104 FOR LINTEL BEARING REQUIREMENTS. AT OPENINGS, COORD. EXACT LINTEL ELEV. & EXTENTS W/ ARCH. DWGS. PROVIDE 3/8" x (NOM. WALL WIDTH - 1") PLATE CONT. WELDED TO LINTEL BOTTOM FLANGE. AT EXTERIOR OPENINGS WITH MASONRY VENEER, PROVIDE LOOSE LINTEL PER LINTEL SCHEDULE ON SHEET S-302.
- B. PROVIDE HSS2x1.5x10 OUTRIGERS WITHIN DECK FLUTES AT 2'-0" o.c. MAX. POSITION UNDER METAL ROOF DECK AND WELD TO BEAM AND JOIST.
- C. APPROXIMATE LOCATION OF ROOF TOP UNIT. PROVIDE CHANNEL BELOW UNIT PER TYPICAL DETAIL ON SHEET S-411. COORDINATE EXACT SIZE AND LOCATION WITH THE APPROPRIATE TRADE.
- D. PROVIDE HSS2x3x16 (L/SV) ON TOP FLANGE OF BEAM FOR DECK SUPPORT. BREAK AS REQUIRED AT JOIST SEATS. SEE DETAIL 10S-411.
- E. PROVIDE CONT. L2x1x12 FOR HIGH BRICK SUPPORT. ANCHOR TO 12" BLOCK w/ 5/8" DIA. HLT 1/4"X1/4"X5'-2" SCREW ANCHORS @ 7' ON-C. SET INTO GROUDED BLOCK CELLS, SPACED AT 24" o.c. MAX.
- F. STEEL JOISTS ALONG THIS CORRIDOR ARE TO HAVE 5' JOIST SEATS, TYP. U.N.O.
- G. DENOTES NEW STEEL LINTEL BEARING ON EXIST. BLOCK. REFER TO DETAILS-404 FOR LINTEL BEARING REQUIREMENTS. COORD. EXACT LINTEL ELEV. & EXTENTS W/ ARCH. DWGS.
- H. DENOTES CHEVRON OR DIAGONAL STEEL BRACE. SEE ELEVATION ON SHEET S-301.
- J. L7x4x3/8 CONT.
- K. L7x4x3/8 DIAGONAL BRACING, ALIGNED TO JOIST BRIDGING LOCATIONS. COORDINATE WITH JOIST SUPPLIER.
- L. DENOTES W8x26 LIFTING BEAM OVER SURGE TANK AND PUMP PIT. COORD. EXACT LOCATION AND ELEVATION OF BEAMS W/ THE APPROPRIATE TRADE.
- M. DASHED LINE DENOTES C6x13 SUPPORTING MASONRY VENEER.
- N. DASHED LINE DENOTES APPROXIMATE EXTENTS OF VESTIBULE OVERHANG. REFER TO SECTIONS FOR ADDITIONAL INFORMATION.
- P. DASHED LINE DENOTES MCBx15.1 SUPPORTING MASONRY VENEER.
- R. CONTINUOUS HSS6x3x36 FOR STOREFRONT SUPPORT. COORDINATE ELEVATION. REFER TO SECTION 4S-413 FOR ADDITIONAL INFORMATION.
- S. DESIGN JOIST FOR 1,500 LBS. POINT LOAD AT BRICK BEARING, REF. SECTION 8S-413.

**CANOPY FRAMING GENERAL NOTES**

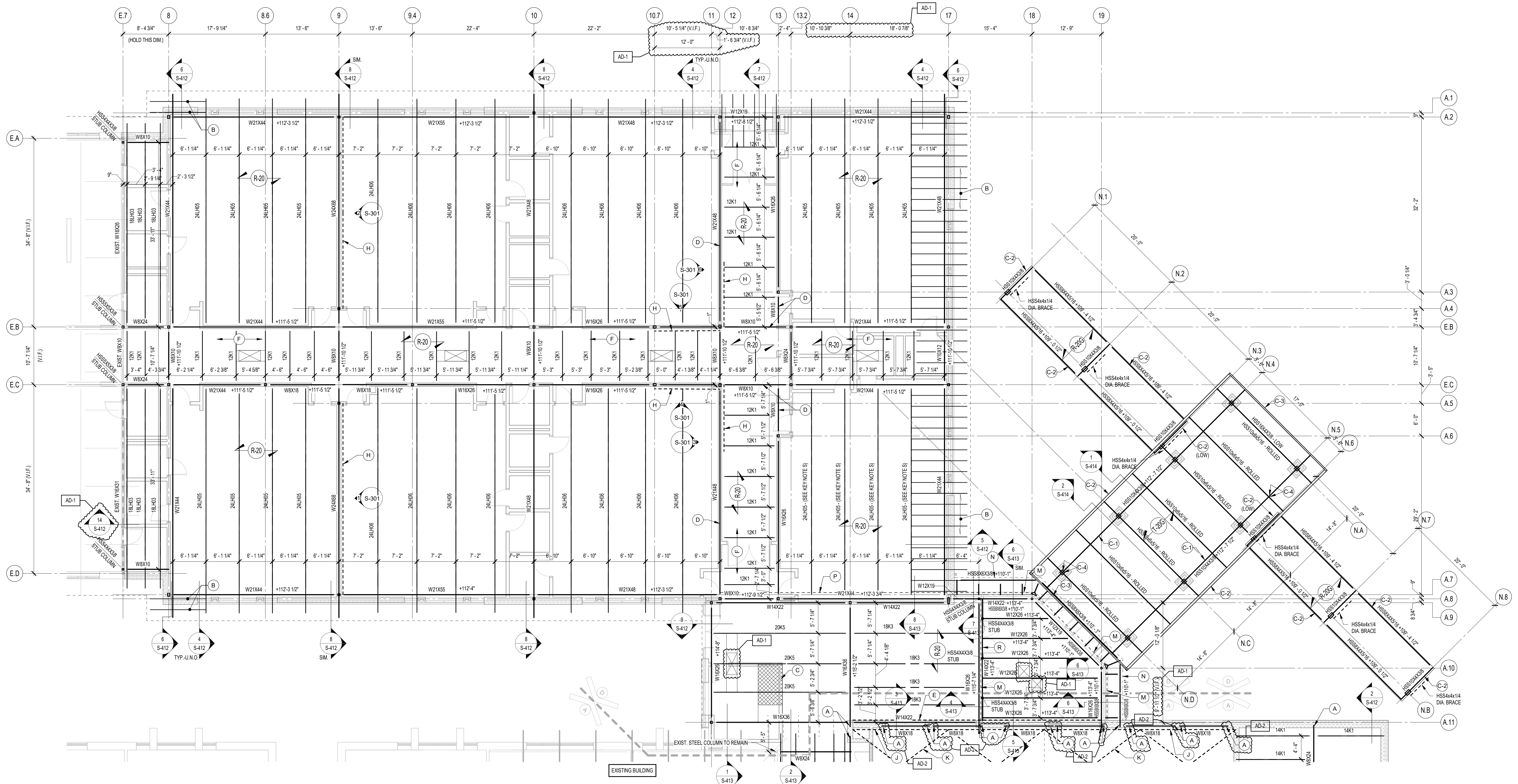
- A. REFER TO ROOF FRAMING PLAN NOTES THIS SHEET FOR ADDITIONAL APPLICABLE NOTES.
- B. ALL EXPOSED CANOPY STEEL TO BE CLASSIFIED AS ARCHITECTURALLY EXPOSED STRUCTURAL STEEL, CATEGORY 3.
- C. ALL CANOPY STEEL TO BE PAINTED WITH A HIGH PERFORMANCE ZINC-RICH PRIMER AND FINISHED PAINT SYSTEM. REFER TO THE SPECIFICATIONS.

**PLAN LEGEND**



**CANOPY FRAMING KEYED NOTES**

- C-1. PROVIDE CONTINUOUS 5/16" THICK BENT PLATE ON TOP OF TUBE FOR DECK SUPPORT.
- C-2. PROVIDE CONT. L5x3 1/2x5/16 (LLV) CONTINUOUS EDGE ANGLE.
- C-3. PROVIDE ROLLED HSS5x3x3/8 EDGE TUBE, W/ 5/16" x 5" WIDE BOTTOM PL. FOR DECK END SUPPORT.
- C-4. TYP. TUBE-TO-TUBE CONNECTION TO BE ALL-ROUND WELDS.



**1 ROOF FRAMING PLAN - AREA D**  
1/8" = 1'-0"

C:\Users\mfeller\Desktop\Revit Files\2025\04-142\_PFS\_C\_Porter Lakes ES\_V25\_Structural\_mfeller.rvt 3/19/2025 5:19:15 PM



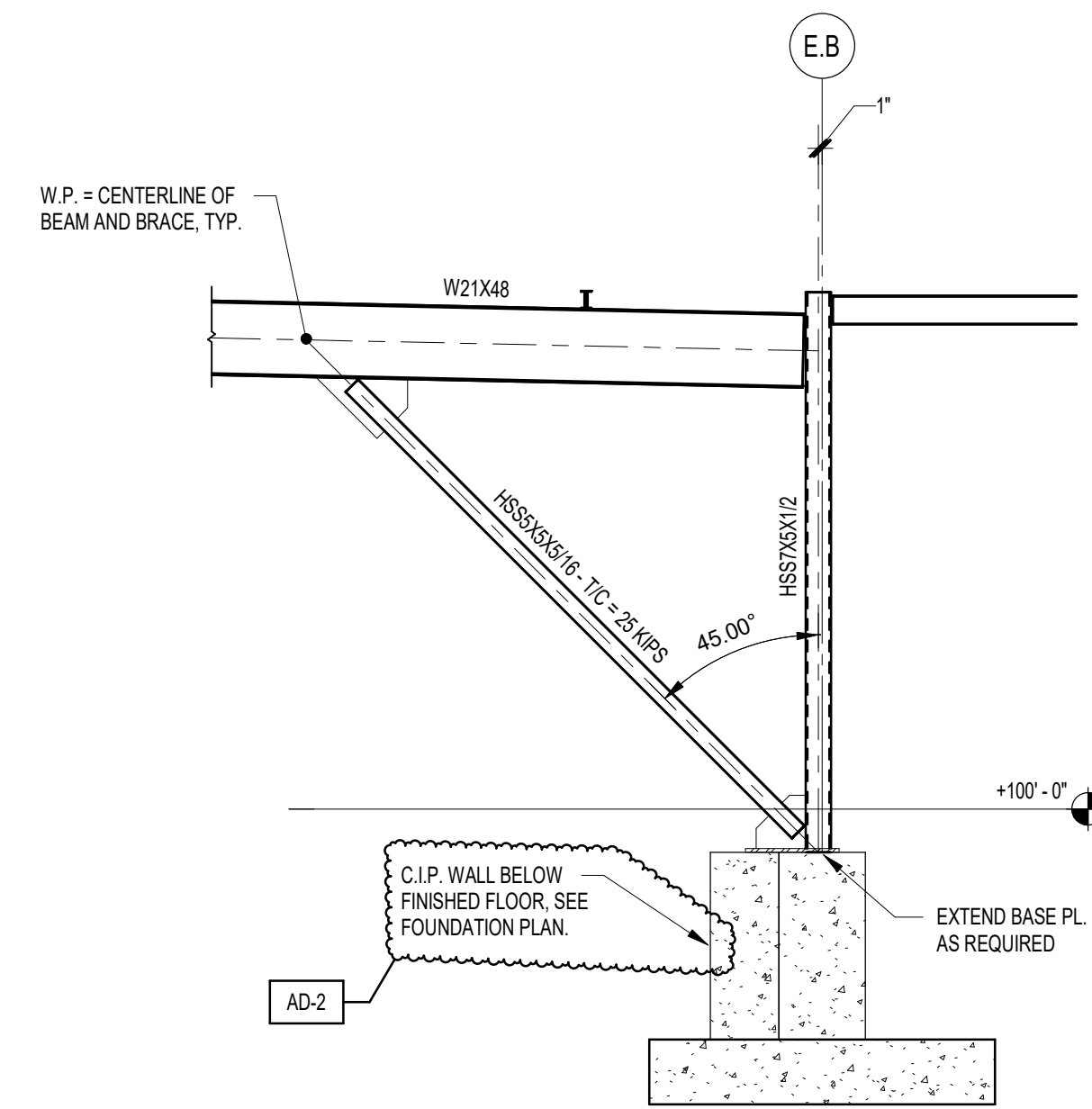


PROJECT:

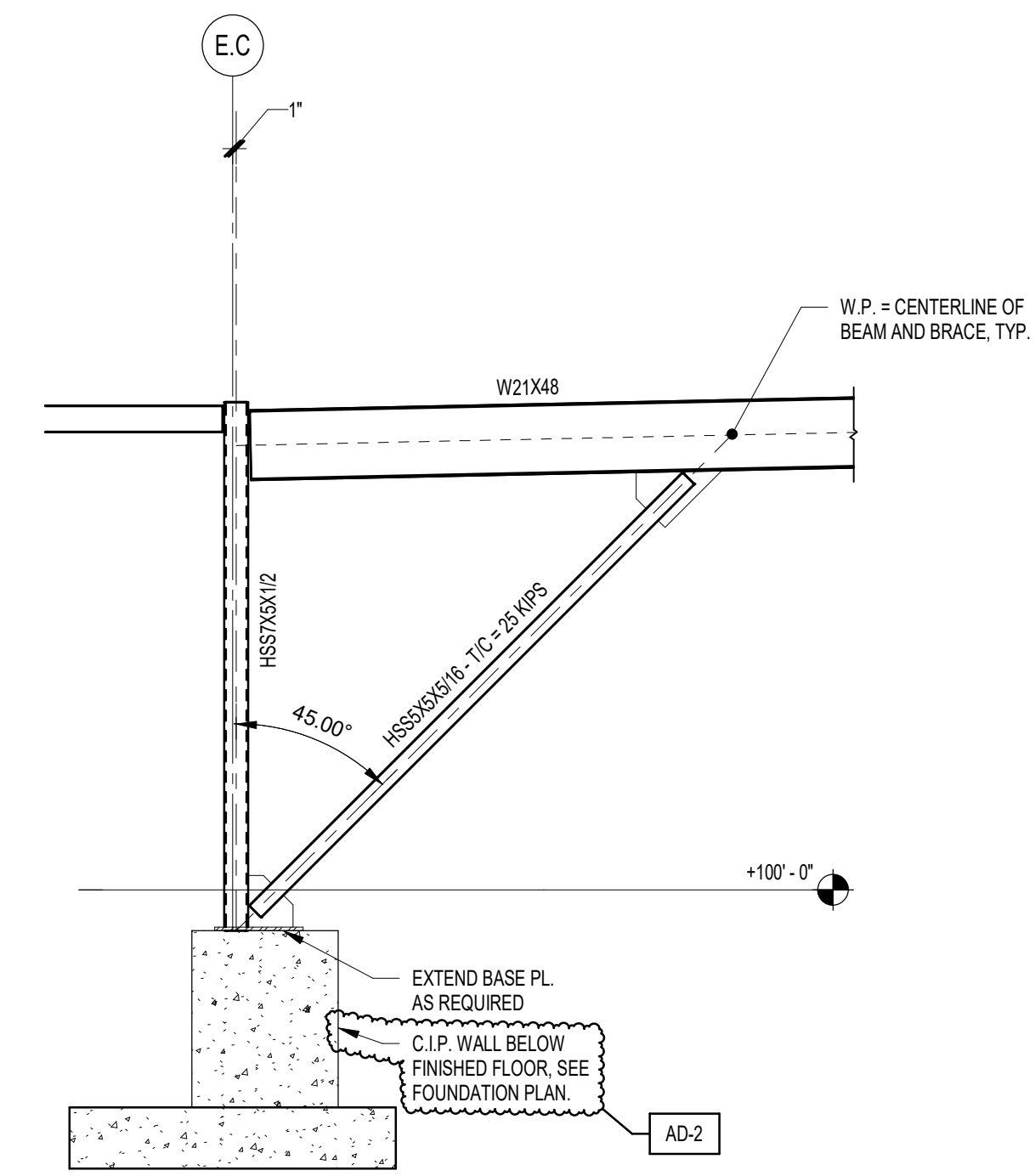
Porter Lakes  
Elementary  
School Addition,  
Renovations and  
Related Work

FOR:  
Porter Township

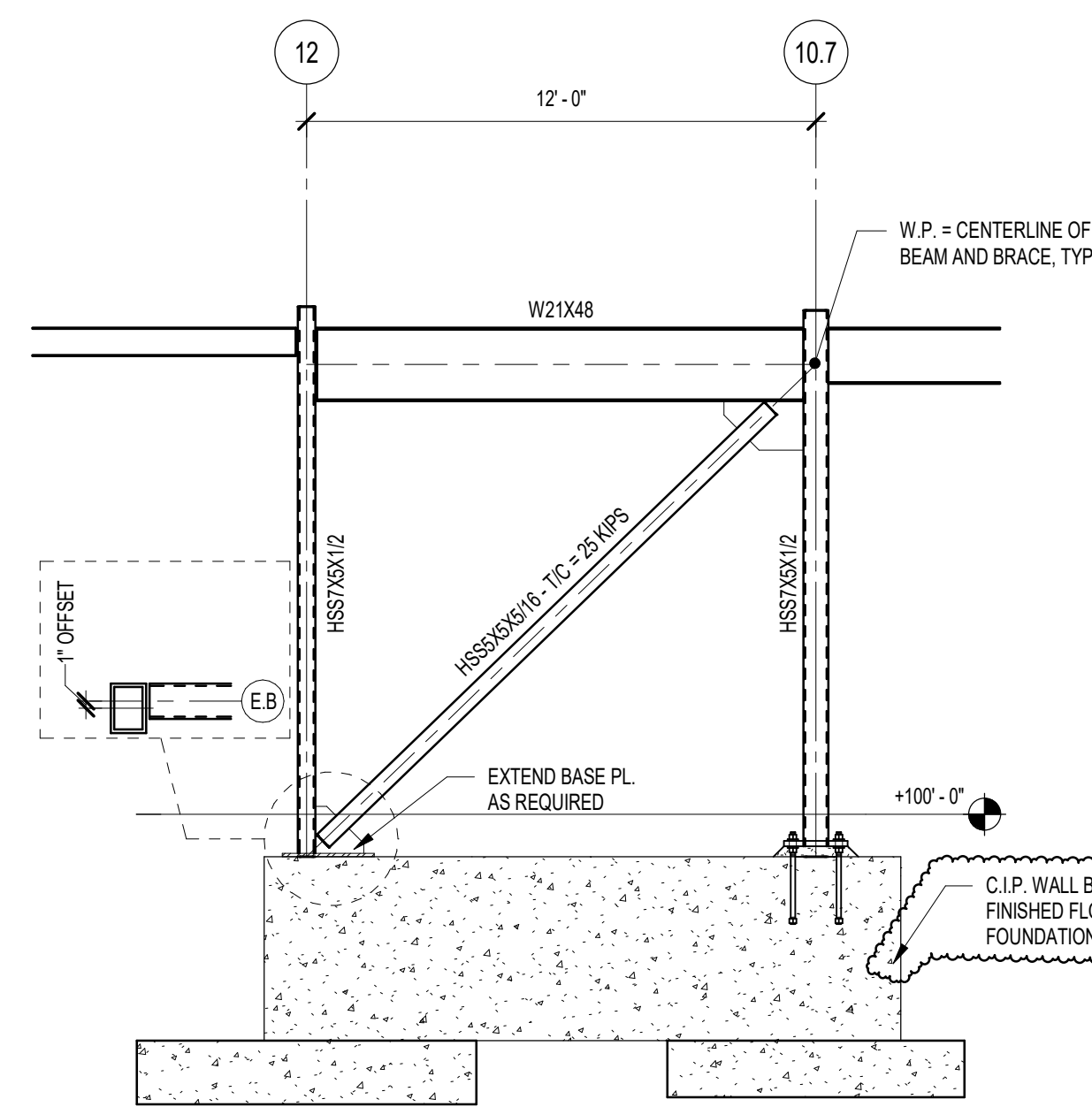
208 S 725 W, Hebron, IN 46341



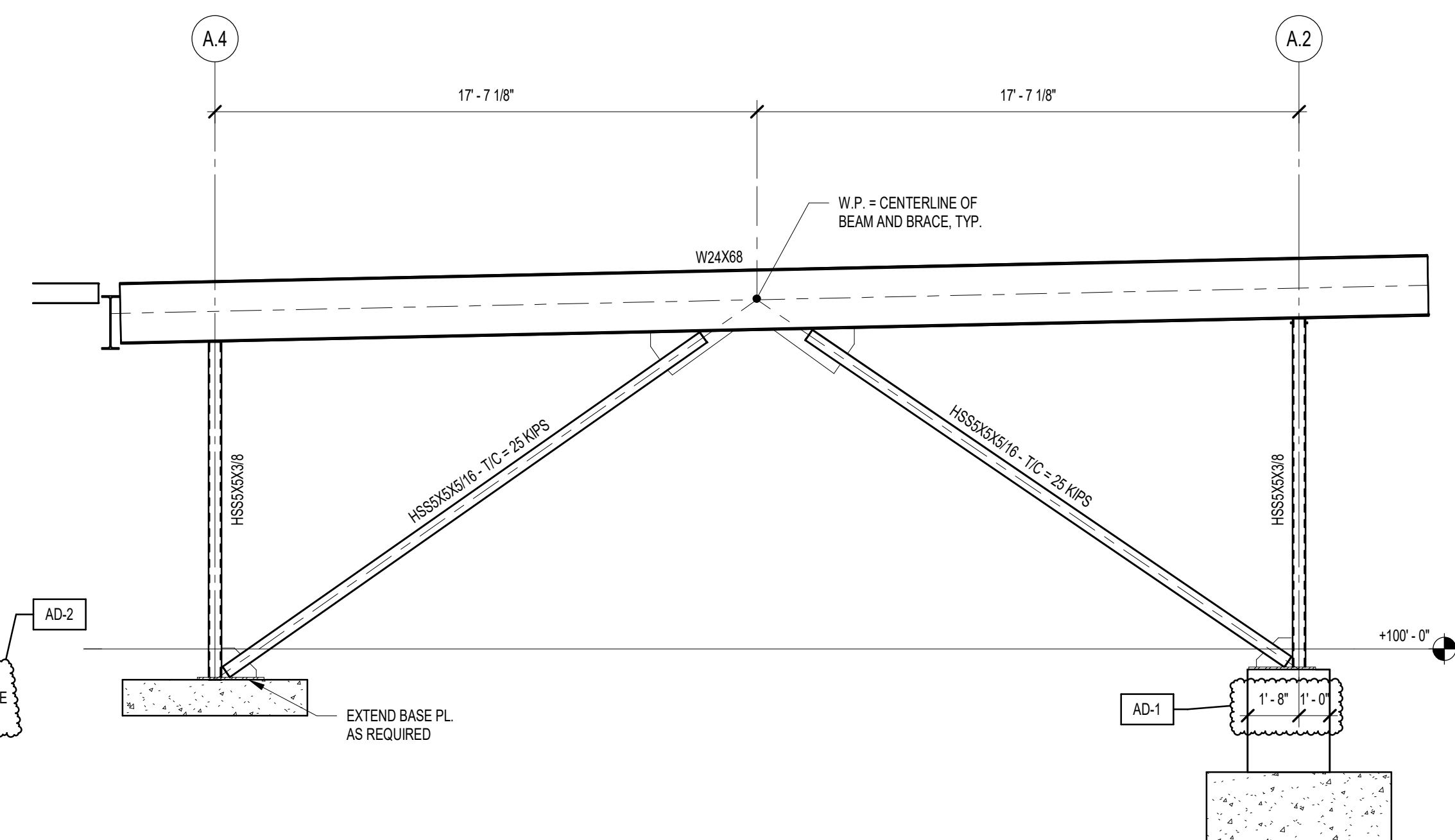
**6** BRACING ELEVATION - GRID 12  
1/4" = 1'-0"



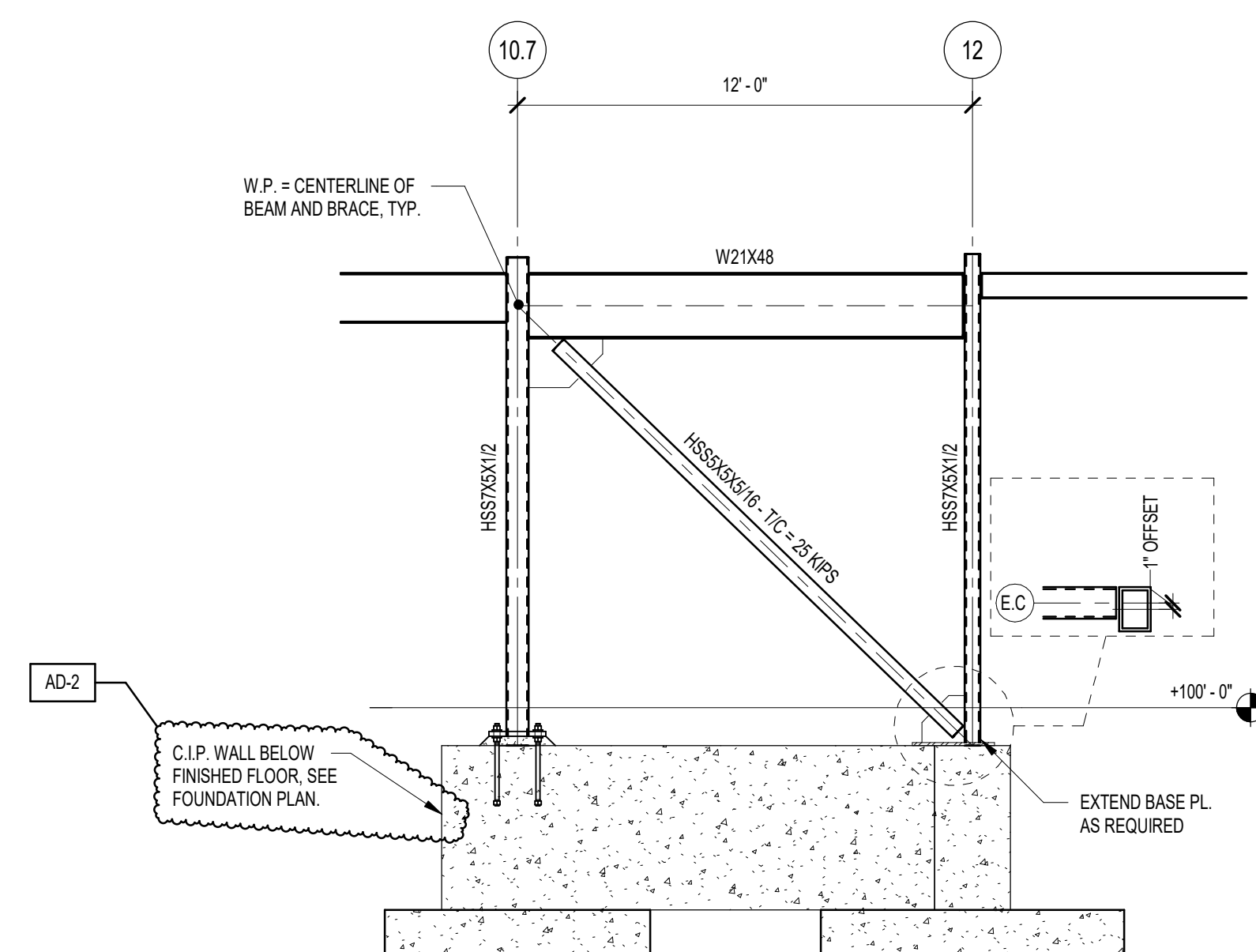
**3** BRACING ELEVATION - GRID 12  
1/4" = 1'-0"



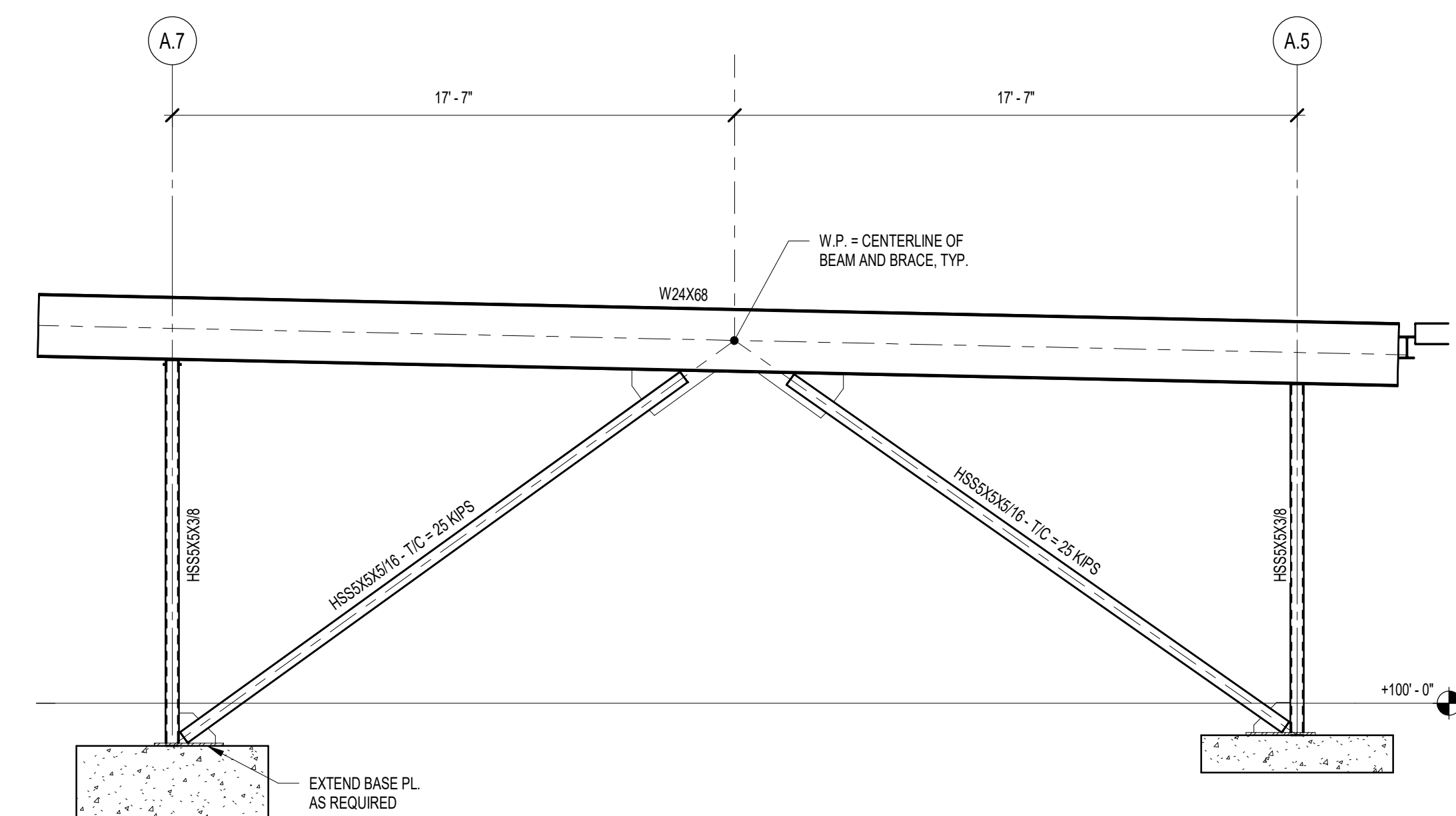
**5** BRACING ELEVATION - GRID E.B.  
1/4" = 1'-0"



**2** BRACING ELEVATION - GRID 9  
1/4" = 1'-0"



**4** BRACING ELEVATION - GRID E.C.  
1/4" = 1'-0"



**1** BRACING ELEVATION - GRID 9  
1/4" = 1'-0"

PROJECT

24-142

DATE

March 5, 2025

COORDINATED BY

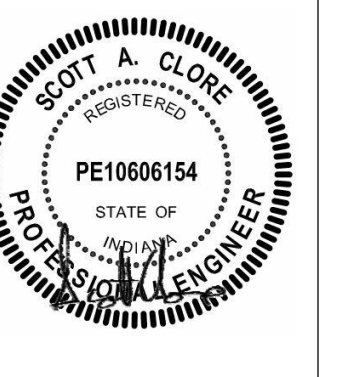
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AD-2	03.21.2025	ADDENDUM 2

DRAWING  
FRAMING ELEVATIONS

PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related  
Work

© GIBRALTAR DESIGN

SHEET

**S-301**



PROJECT:

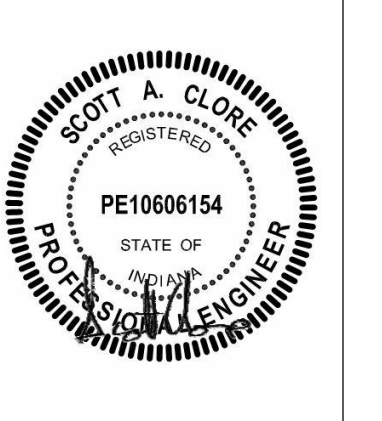
**Porter Lakes  
Elementary  
School Addition,  
Renovations and  
Related Work**

FOR:  
Porter Township

208 S 725 W, Hebron, IN 46341

9102 N. Meridian St., Ste. 300  
Indianapolis, IN 46260  
Homepage: www.GibraltarDesign.com  
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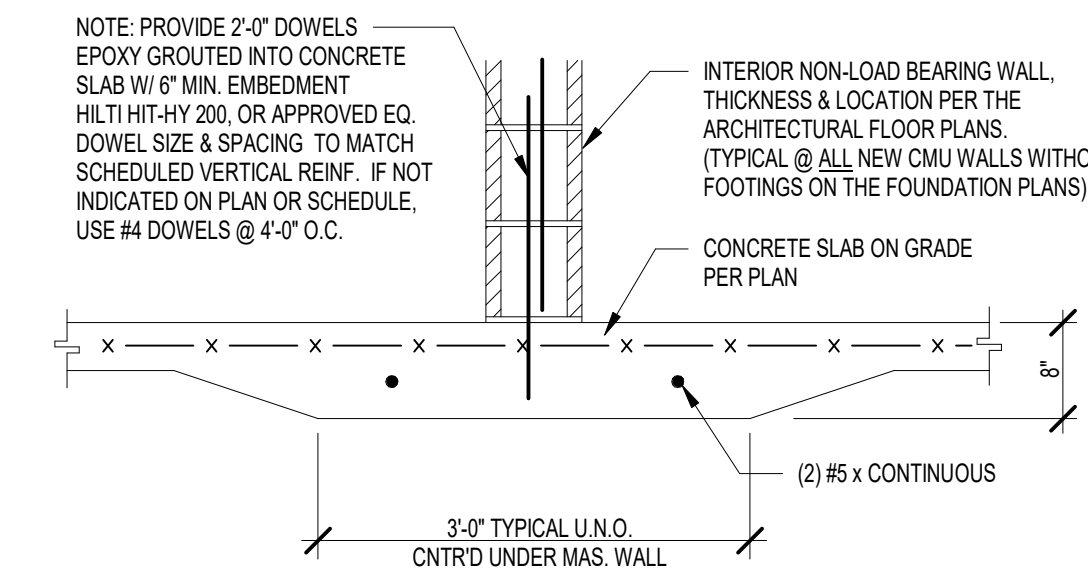
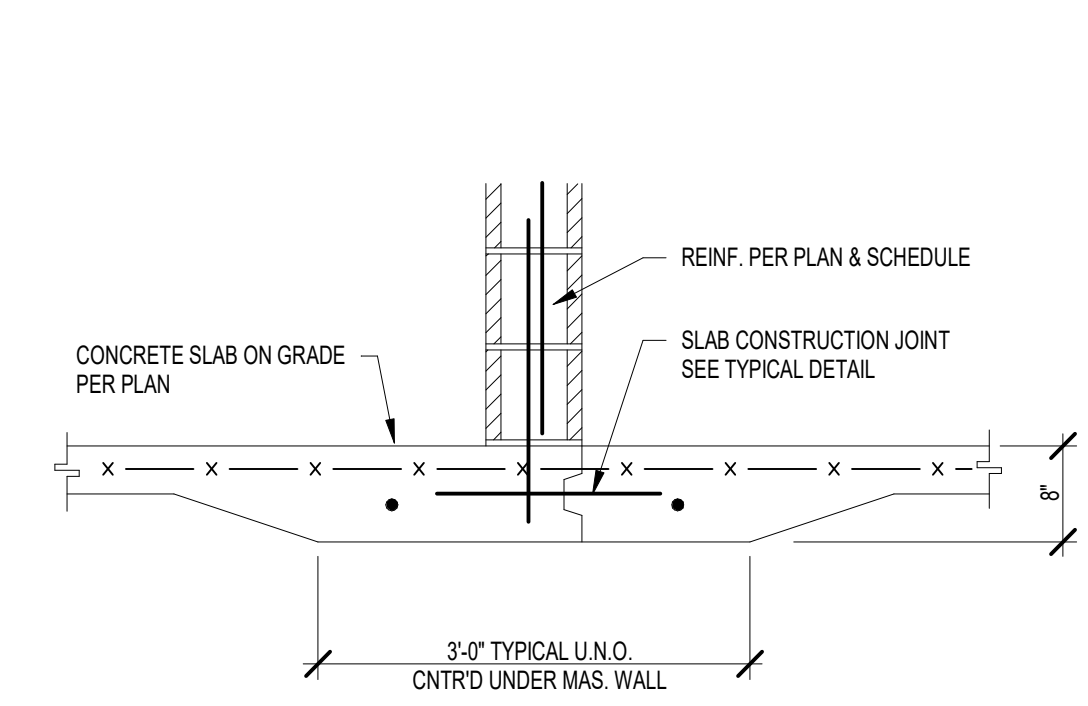
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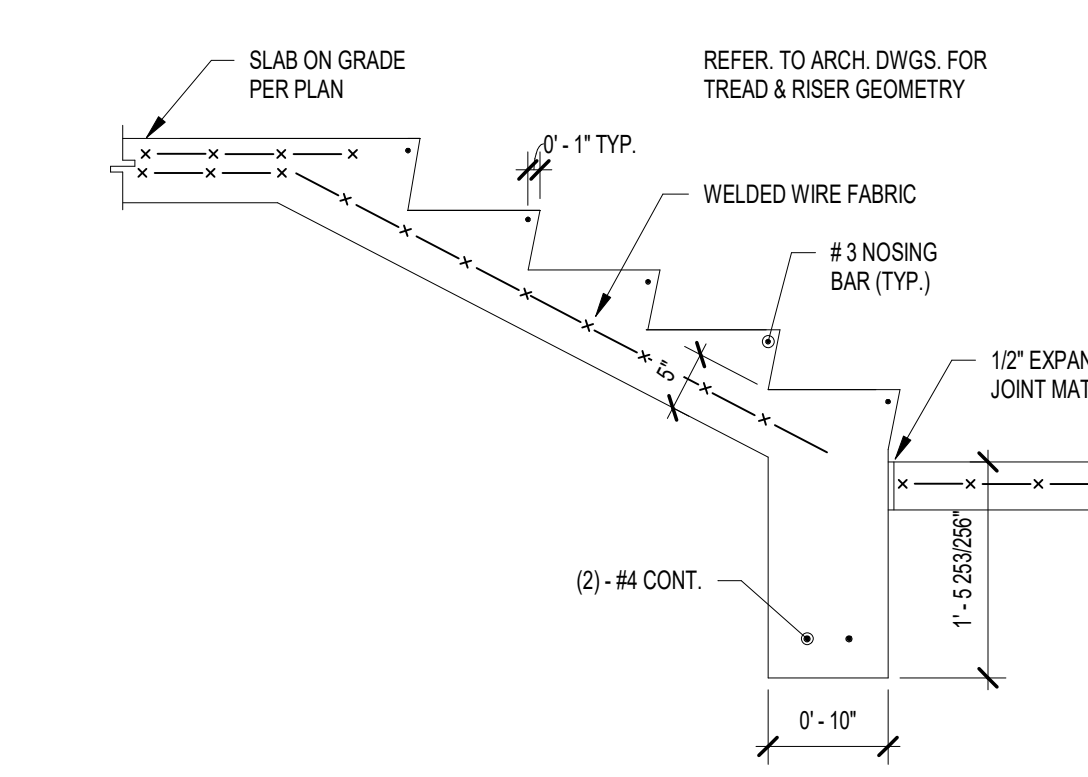
DRAWING  
**TYPICAL FOUNDATION DETAILS**

PROJECT  
**Porter Lakes Elementary School  
Addition, Renovations and Related  
Work**

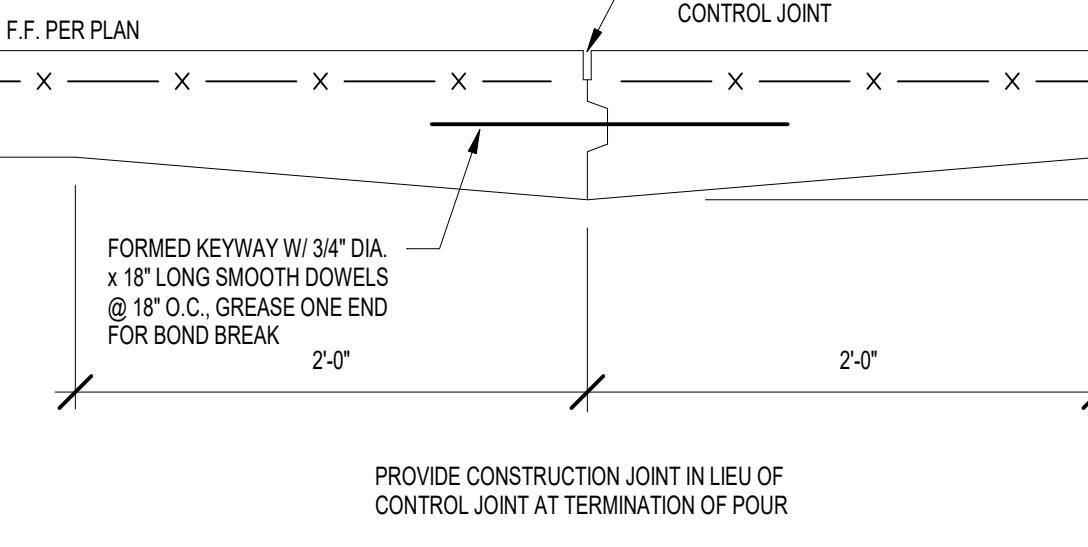
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DESIGN SHEET  
**S-401**



**5 THICKENED SLAB DETAILS**  
NOT TO SCALE



**4 TYPICAL CONCRETE STAIR DETAIL**  
NOT TO SCALE

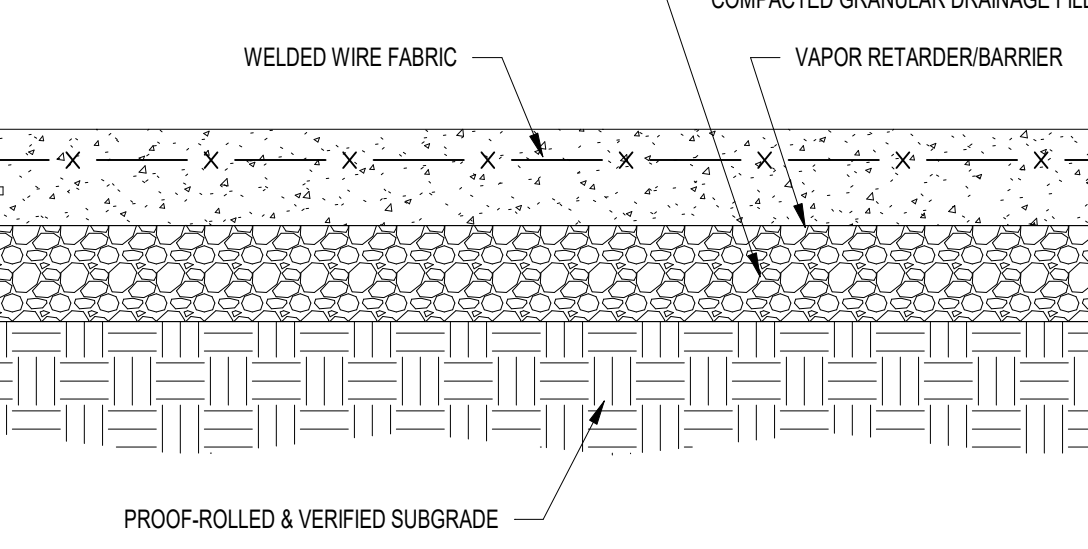


**3 SLAB CONSTRUCTION JOINT**  
NOT TO SCALE

TEMP. F°	TIME, HOURS
+ 40°	16
50°	14
60°	8 1/2
70°	5 1/2
80°	4
90°	3

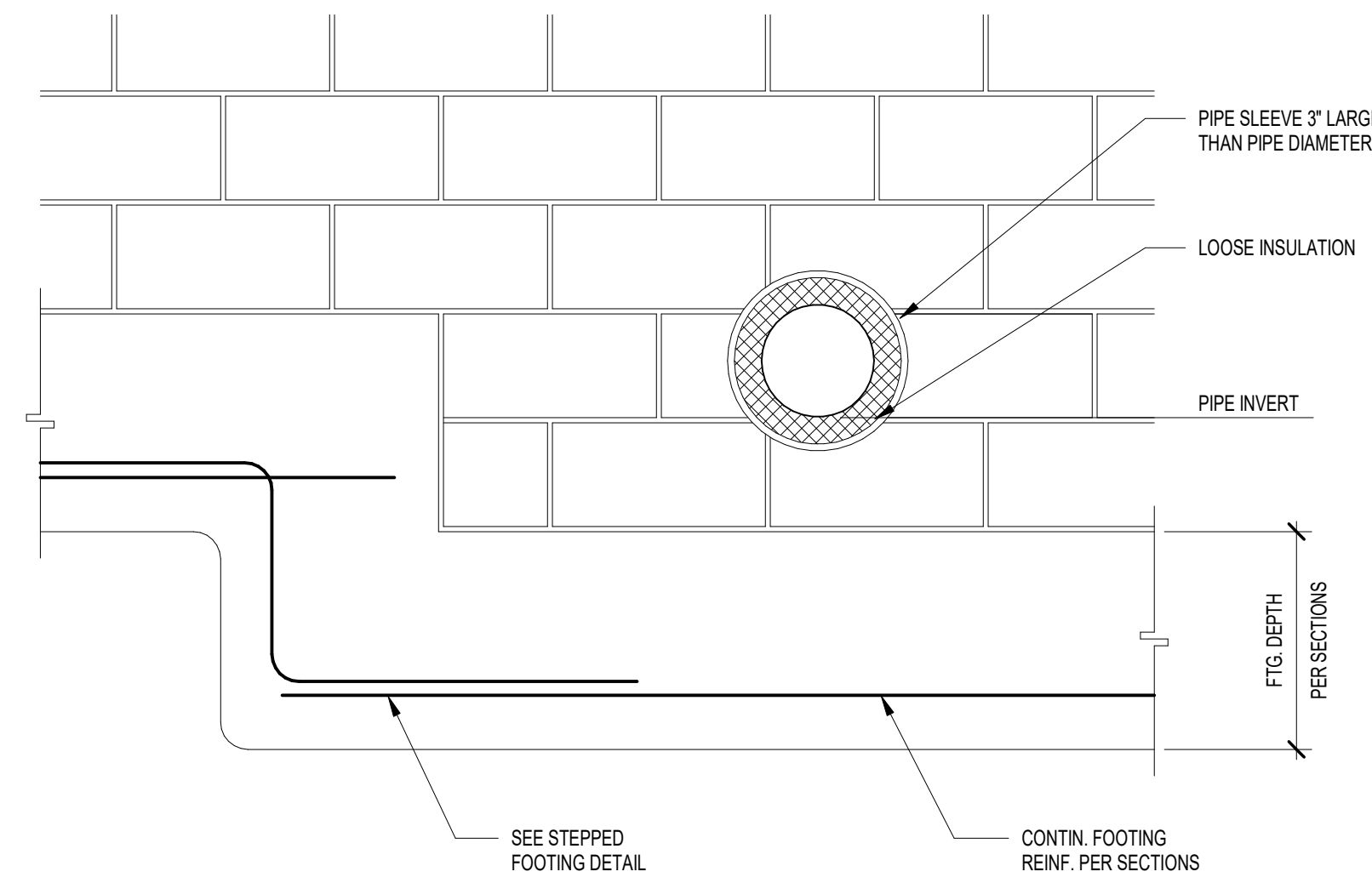
CONTROL JOINTS SHALL BE SAWN NOT LATER THAN THE FOLLOWING TABLE OR 16 HOURS AFTER FINAL TROWELING (WHICHEVER IS LESS), WHERE TEMP EQUALS THE AMBIENT TEMPERATURE IN DEGREES FAHRENHEIT AT THE TIME OF FINAL TROWELING. SAWCUTTING SHALL BE SUSPENDED ONLY IF THE LARGE AGGREGATE IS DISLOADED OR LOOSENED. ALTERNATE: USE PRE-FORMED JOINT FORMER.

**2 SLAB CONTROL/CONTRACTION JOINT**  
NOT TO SCALE



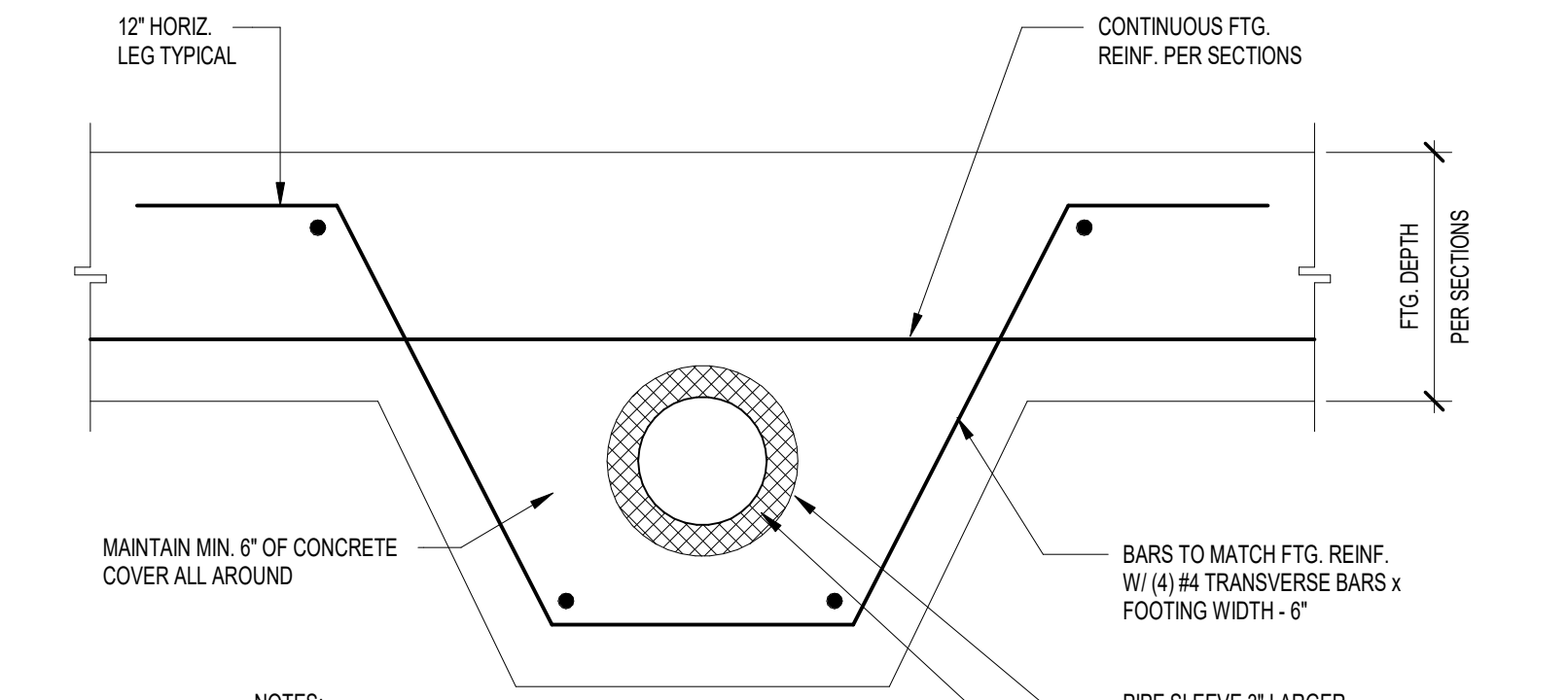
1. LOCATE WELDED WIRE FABRIC IN UPPER THIRD OF SLAB. SUPPORT ON BOLSTERS, CHAIRS, OR CONCRETE BRICKS.
2. LAP WELDED WIRE FABRIC A MIN. OF ONE FULL MESH SPACING.
3. THE USE OF NYLON OR POLYPROPYLENE FIBER IN LIEU OF WELDED WIRE FABRIC AS A SECONDARY REINFORCEMENT IS PERMISSIBLE, UNLESS OTHERWISE NOTED. NOTE: FIBER MAY NOT BE SUBSTITUTED FOR W.W.F. IN SUPPORTED SLABS.
4. SEE PLAN, NOTES, AND SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS SUCH AS FINISH, JOINTING, CURING, ETC.

**1 SLAB ON GRADE CONSTRUCTION**  
NOT TO SCALE



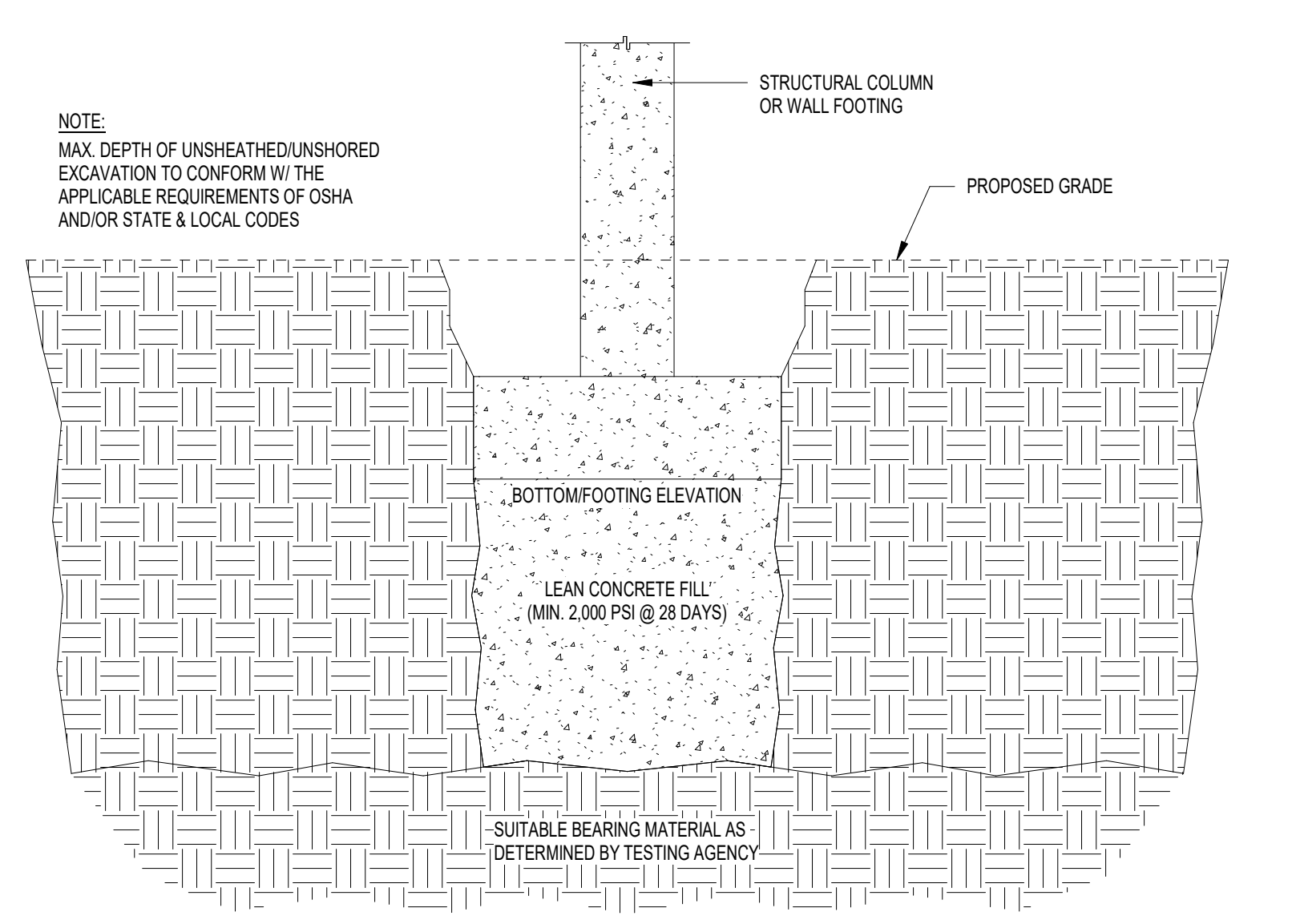
- NOTES:**
1. REFER TO PLUMBING DRAWINGS FOR INVERT ELEVATION OF ALL UNDERGROUND PIPING.
  2. STEP FOOTING FOR PIPE PENETRATION THROUGH FOUNDATION WALL UNLESS WRITTEN PERMISSION IS OBTAINED FROM THE MEP ENGINEER.
  3. PROVIDE PRECAST OR BOND BEAM LINTEL FOR MULTIPLE PENETRATIONS OR OPENINGS GREATER THAN 24" IN WIDTH.

**9 CMU FOUNDATION WALL SLEEVE**  
NOT TO SCALE



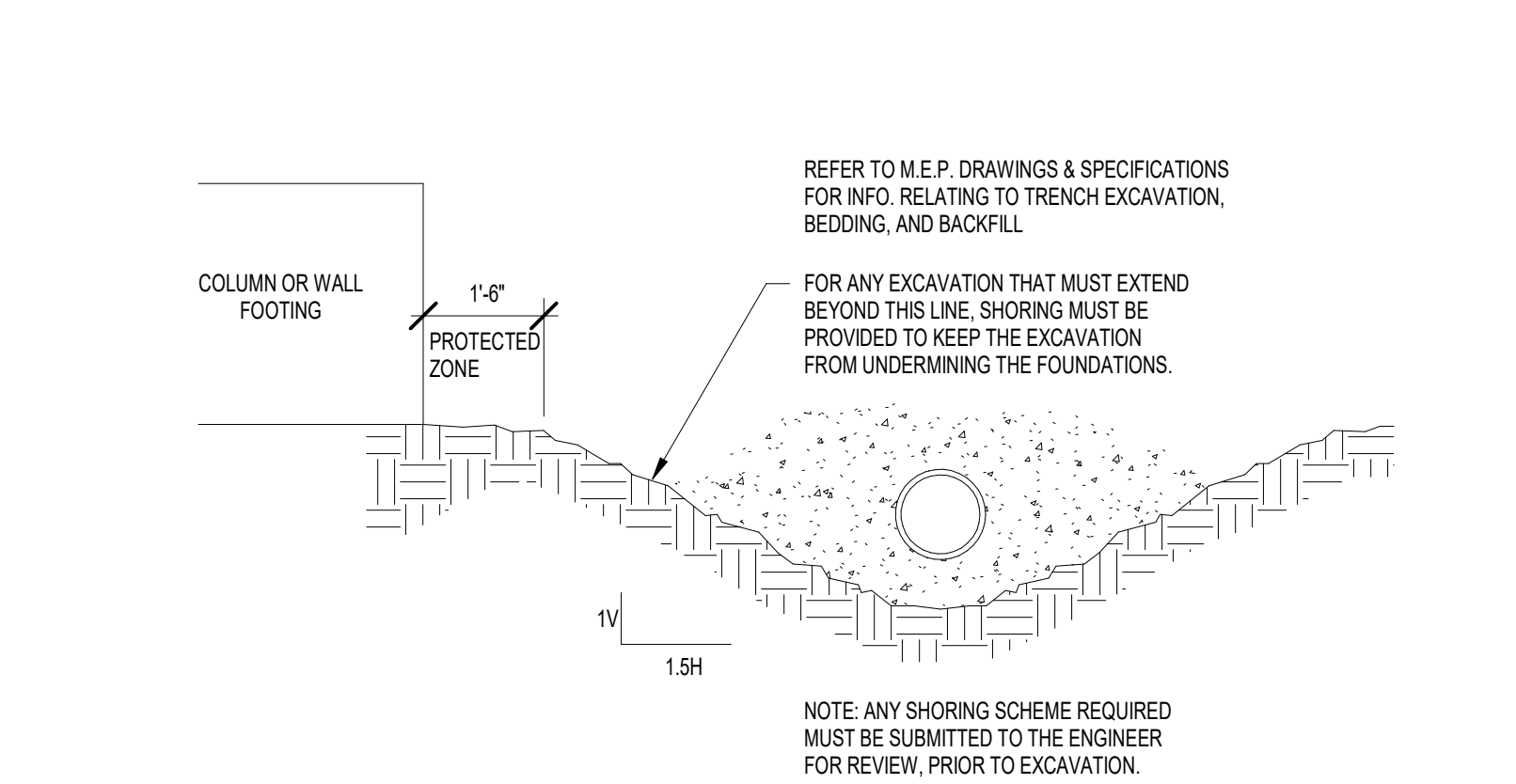
- NOTES:**
1. REFER TO PLUMBING DRAWINGS FOR INVERT ELEVATION OF ALL UNDERGROUND PIPING.
  2. PROVIDE THIS DETAIL WHERE A PENETRATION THROUGH A WALL FOOTING IS UNAVOIDABLE.
  3. NO SLEEVES IN COLUMN FOOTINGS ARE PERMITTED WITHOUT PRIOR WRITTEN APPROVAL OF THE ARCHITECT/ENGINEER.

**8 WALL/TRENCH FOOTING SLEEVE DETAIL**  
NOT TO SCALE

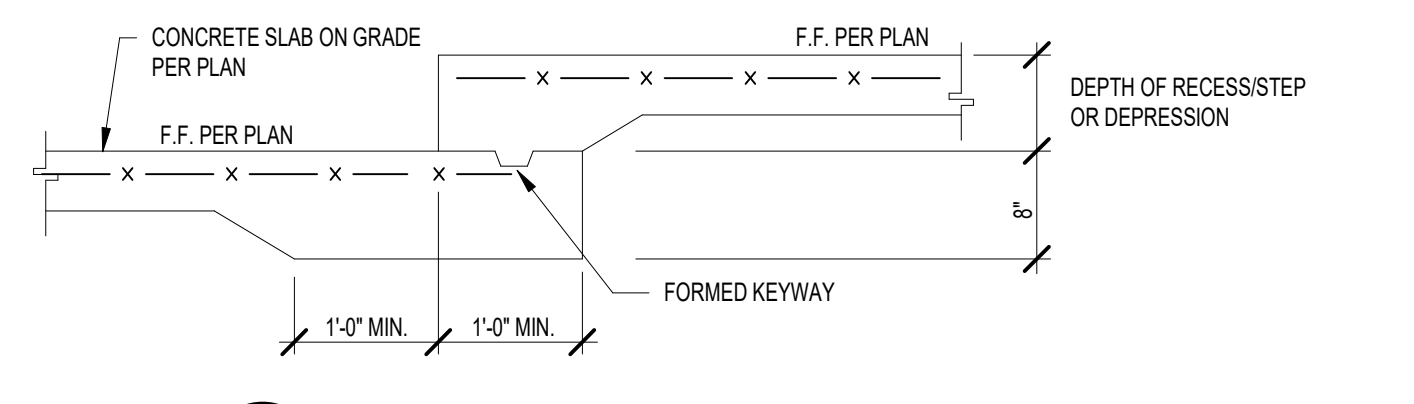
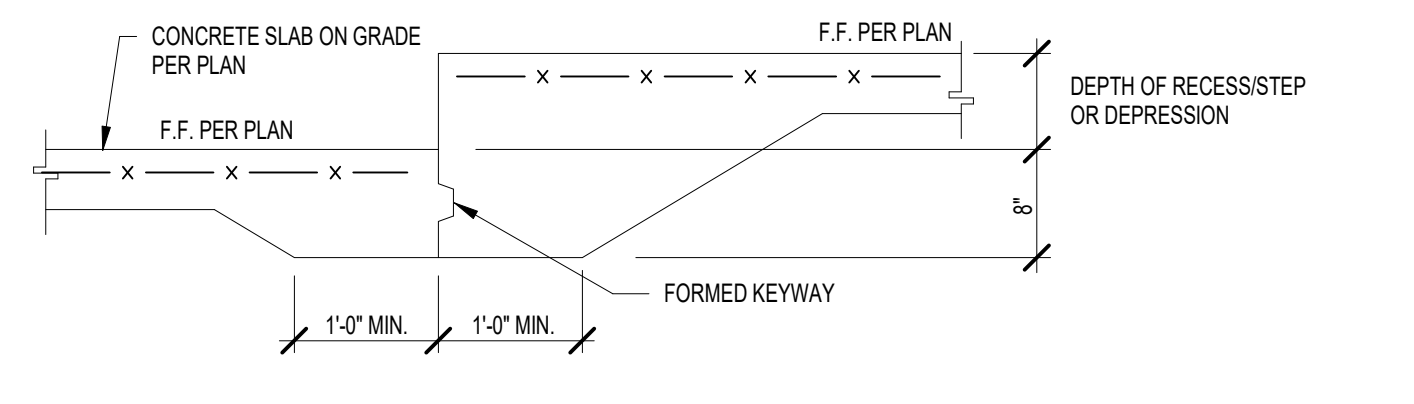
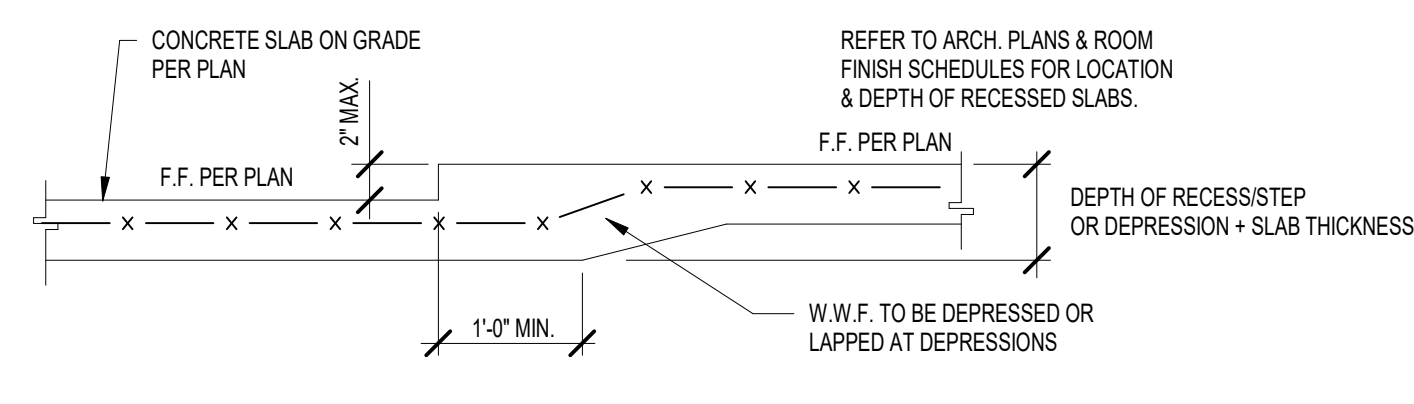


- NOTES:**
1. REFER TO THE SPECIFICATIONS FOR APPLICATION OF UNIT COSTS FOR REMOVAL OF UNSUITABLE BEARING MATERIAL & REPLACEMENT W/ LEAN CONCRETE FILL.
  2. REFER TO THE GEOTECHNICAL ENGINEERING REPORT FOR ADDITIONAL INFORMATION RE. EXPECTED SOIL CONDITIONS, SUITABILITY OF EX. SOILS FOR USE AS ENGINEERED FILL, GROUNDWATER CONDITIONS, ETC.

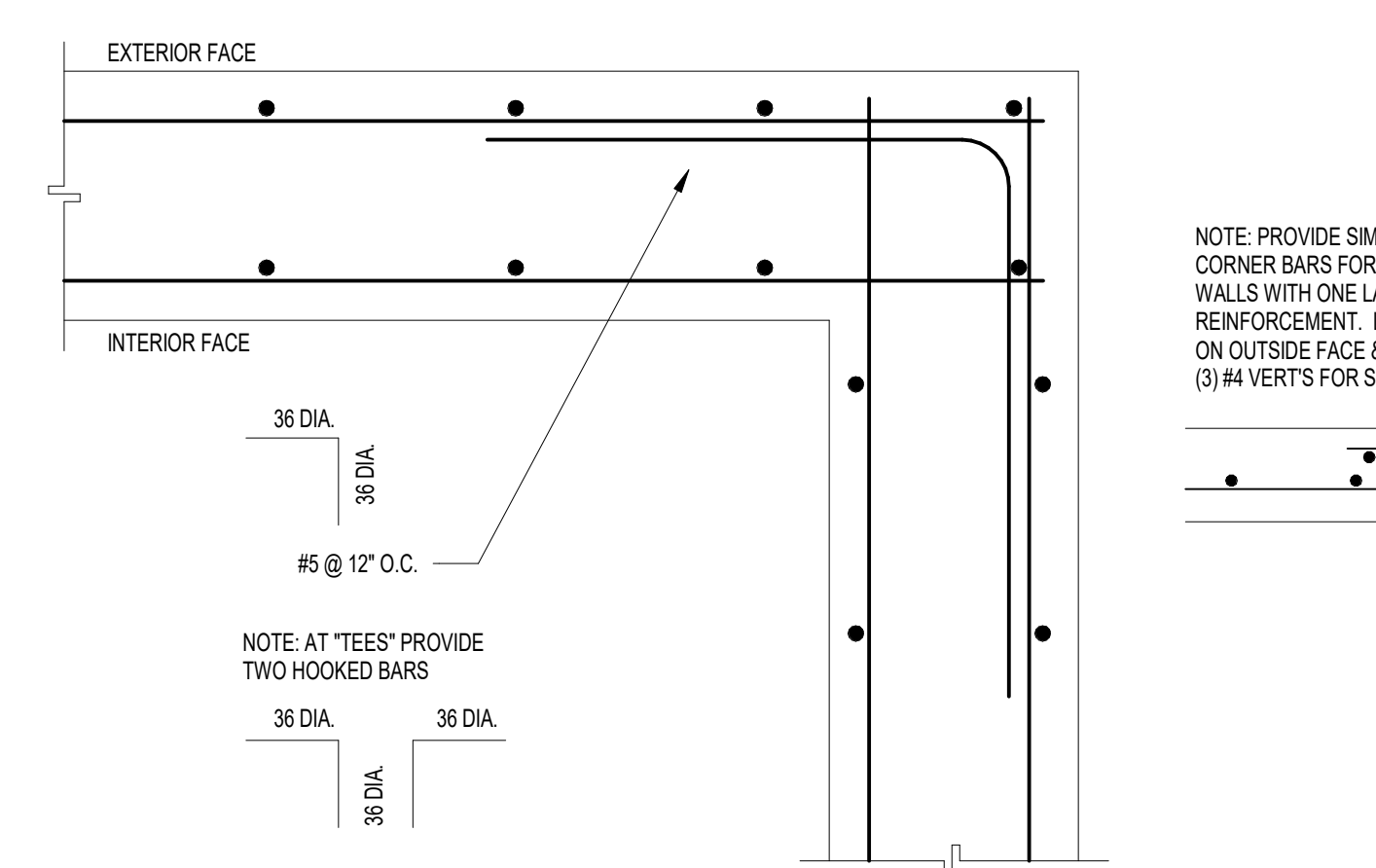
**7 OVEREXCAVATION DETAIL - LEAN CONCRETE FILL**  
NOT TO SCALE



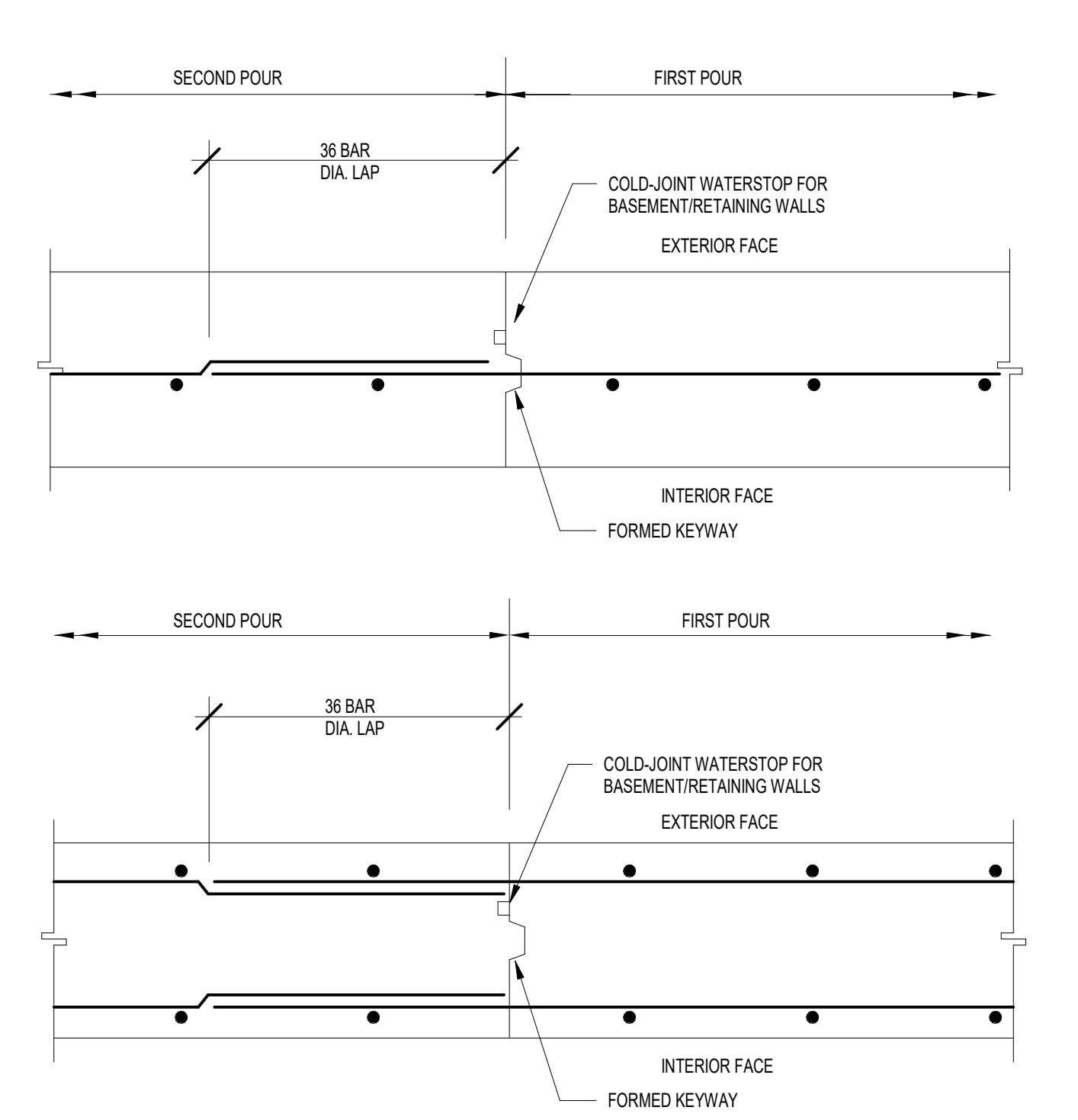
**6 EXCAVATION LIMITS DETAILS**  
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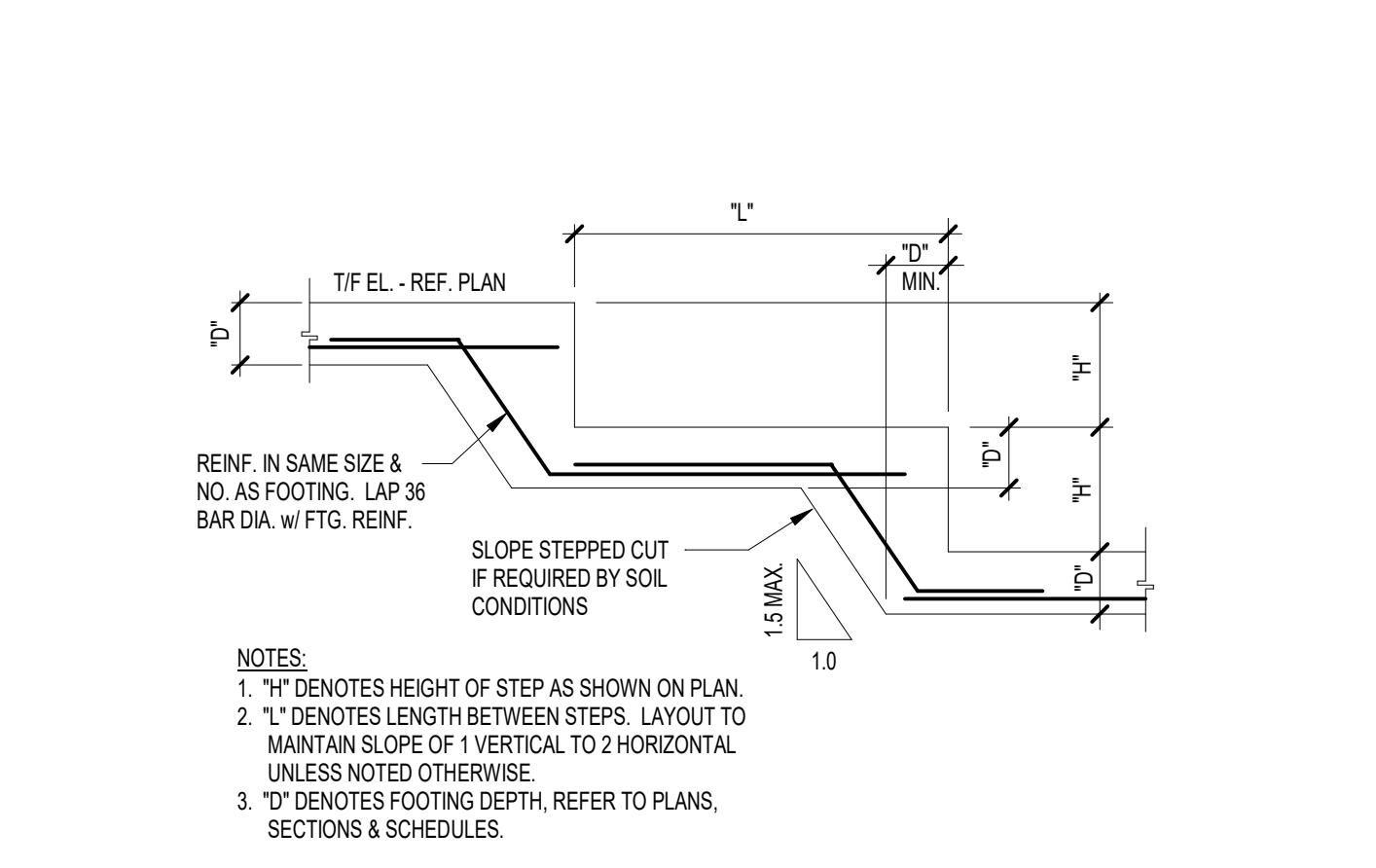
**13 RECESSED SLAB DETAIL**  
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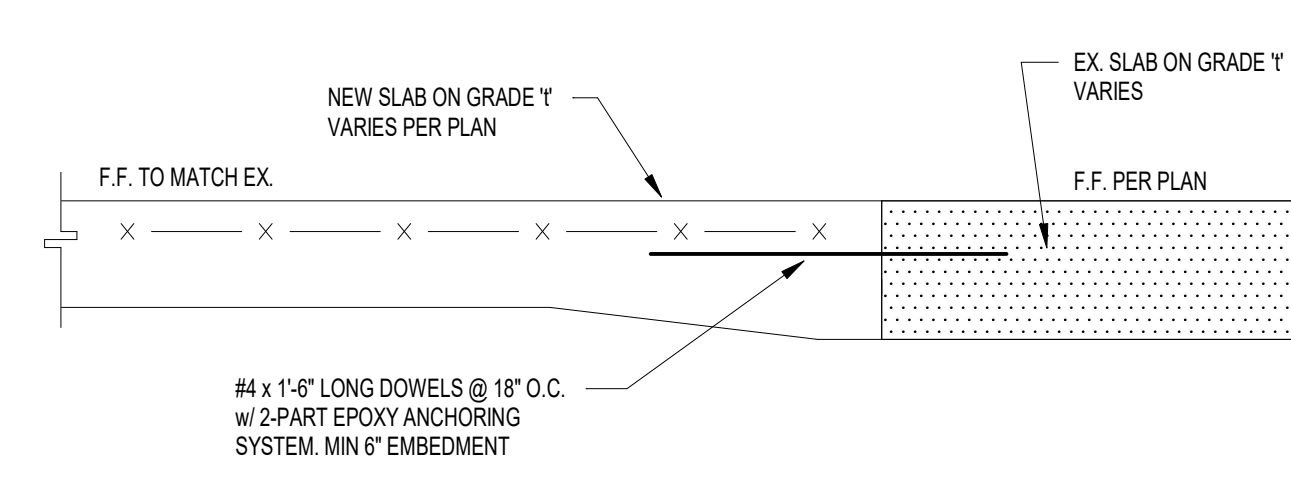
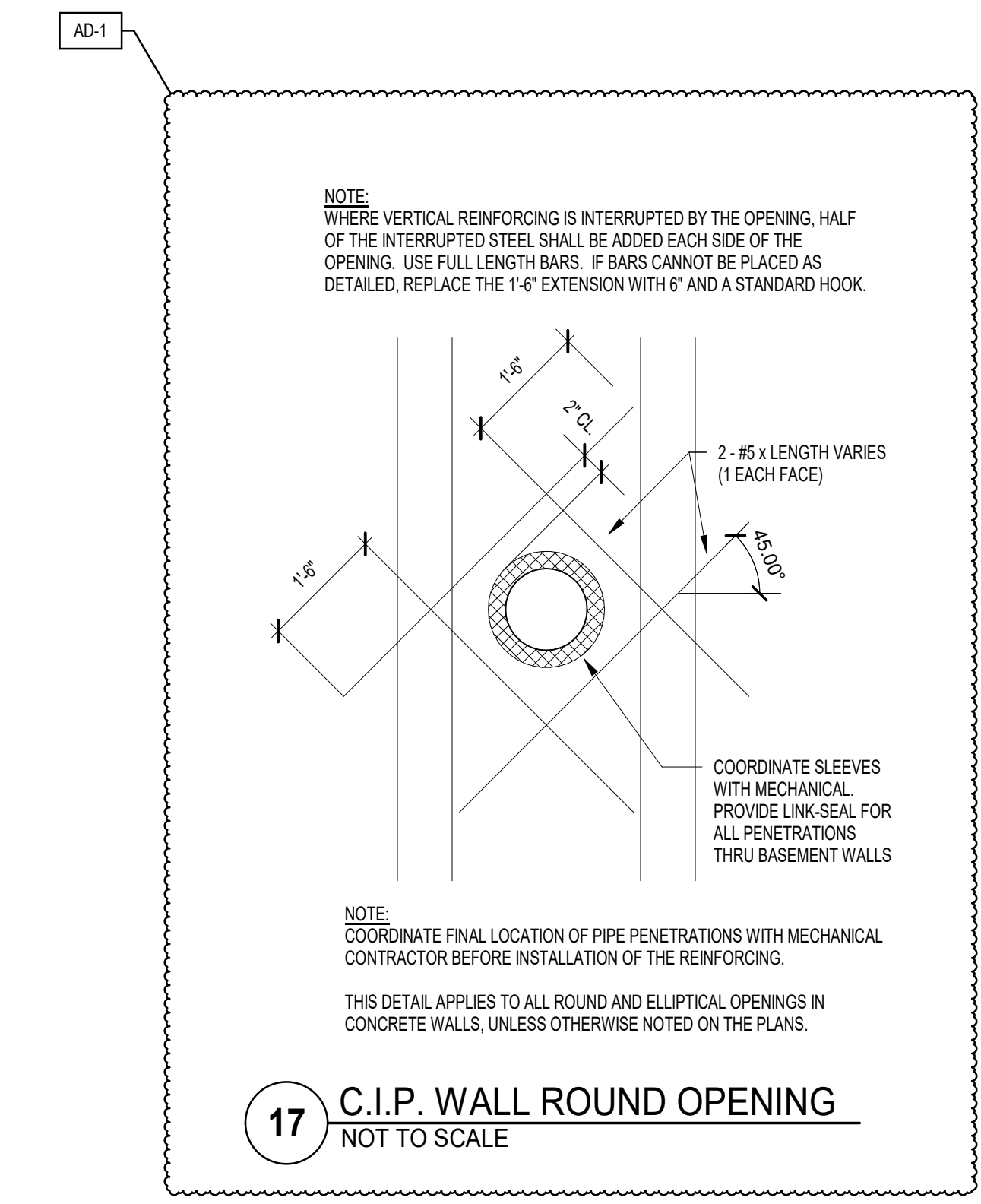
**12 C.I.P. WALL CORNER REINFORCING**  
NOT TO SCALE



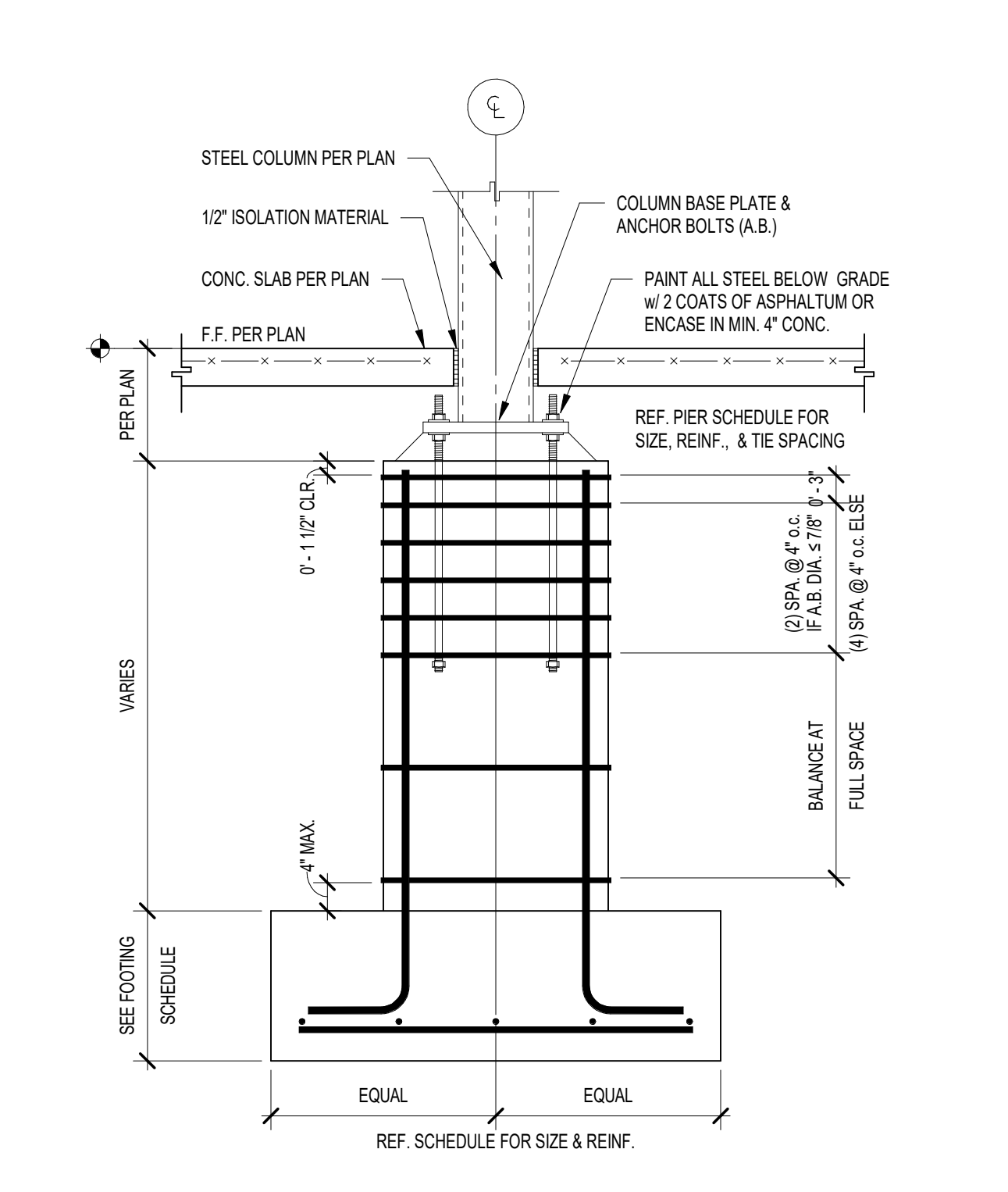
**11 C.I.P. WALL CONSTRUCTION JOINTS**  
NOT TO SCALE



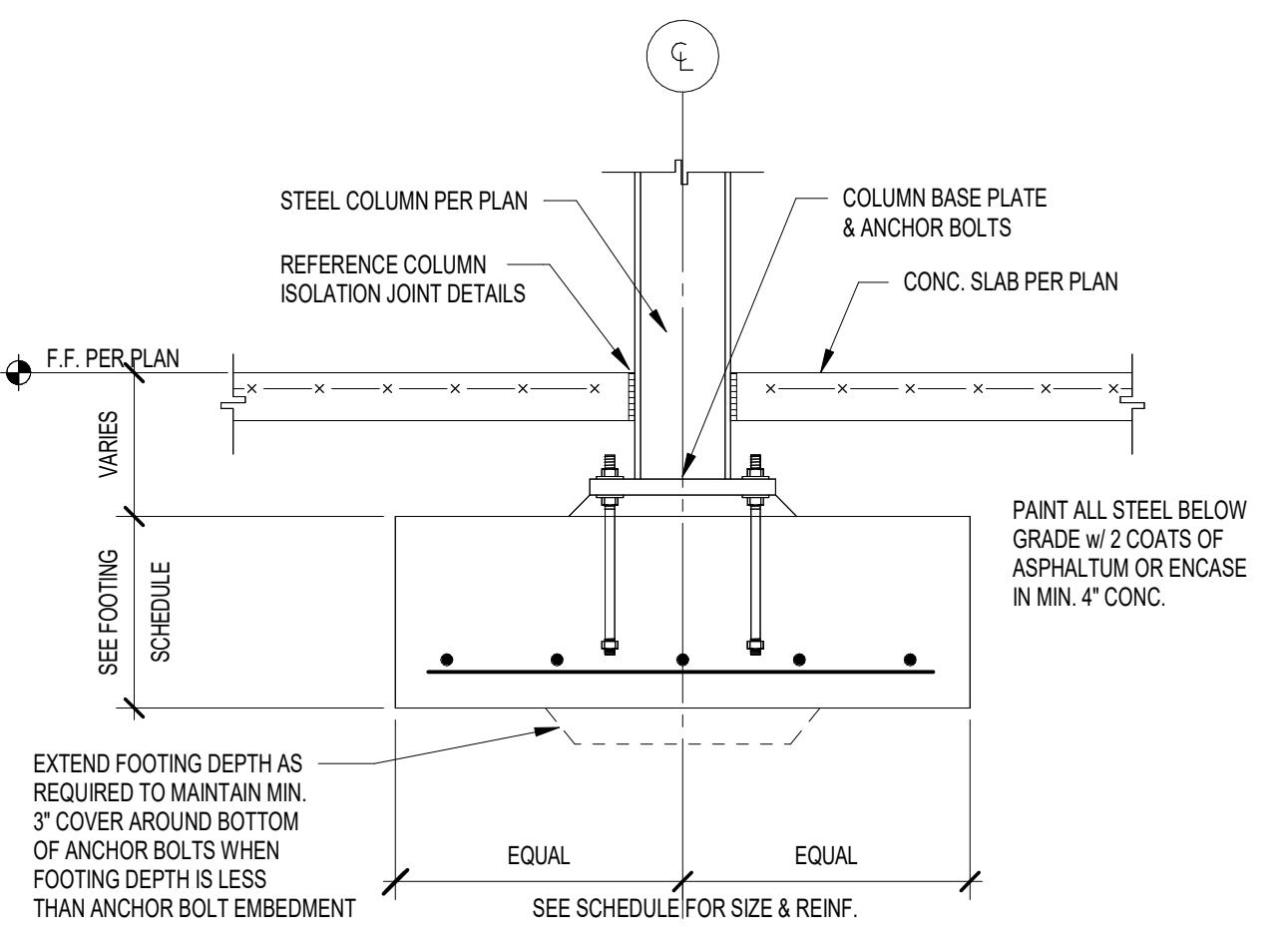
**10 STEPPED FOOTING DETAIL**  
NOT TO SCALE



**16 NEW-TO-EXISTING SLAB DETAIL**  
NOT TO SCALE



**15 TYPICAL CONCRETE PIER REINFORCING**  
NOT TO SCALE



**14 TYPICAL INTERIOR COLUMN FOOTING**  
NOT TO SCALE

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PROJECT:

**Porter Lakes Elementary School Addition, Renovations and Related Work**

FOR:  
Porter Township

208 S 725 W, Hebron, IN 46341

9102 N. Meridian St., Ste. 300  
Indianapolis, IN 46260  
Homepage: www.GibraltarDesign.com  
Email: info@GibraltarDesign.com  
Phone 317.580.5777 Fax 317.580.5778

PROJECT  
24-142

DATE  
March 5, 2025

COORDINATED BY  
NHF

DRAWN BY  
NHF

CHECKED BY  
SAC

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REVISIONS

MARK DATE ISSUED FOR

AD-2 03.21.2025 ADDENDUM 2

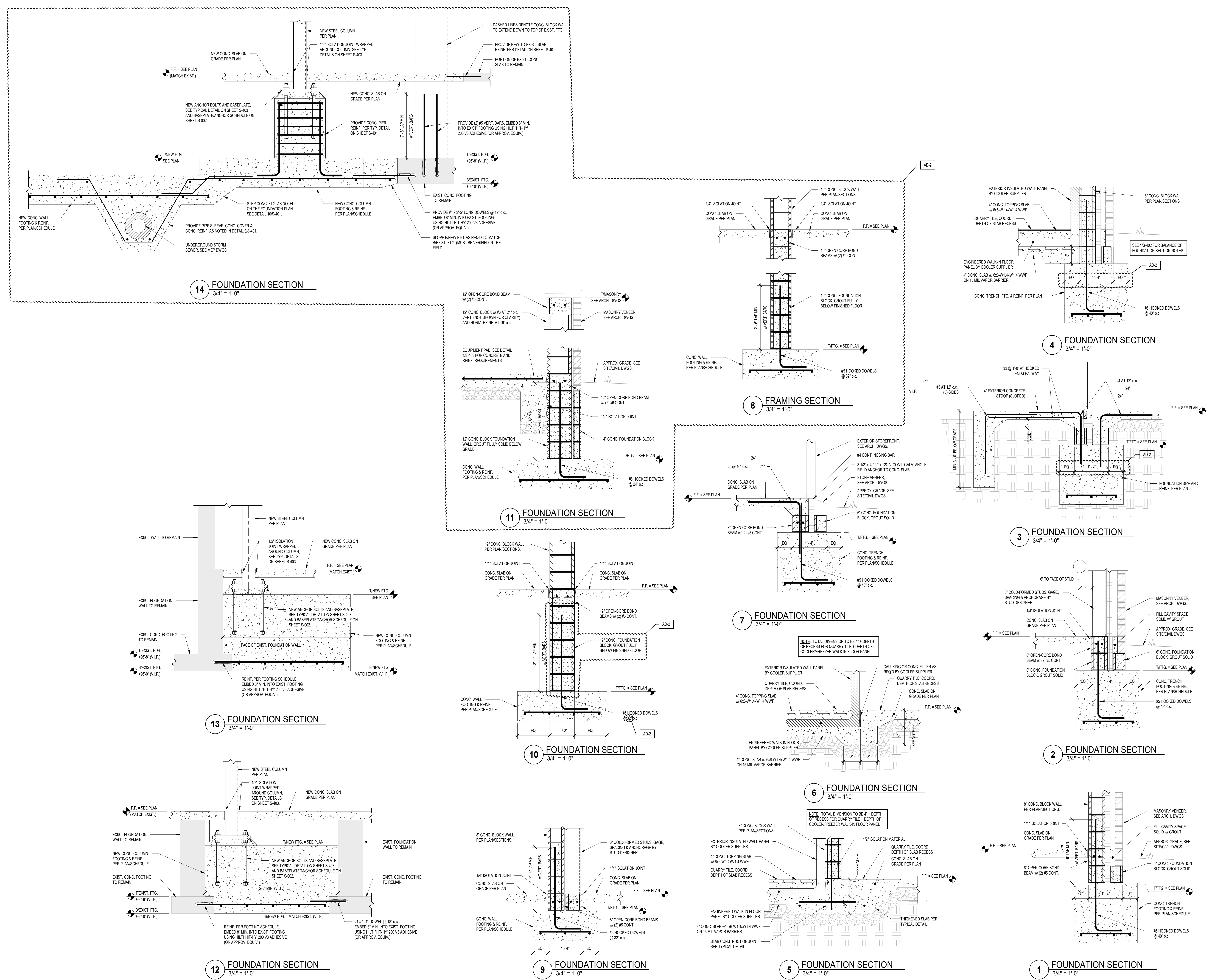
DRAWING  
STRUCTURAL FOUNDATION SECTIONS

PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

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SHEET

**S-402**



**14 FOUNDATION SECTION**  
3/4" = 1'-0"

**4 FOUNDATION SECTION**  
3/4" = 1'-0"

**8 FRAMING SECTION**  
3/4" = 1'-0"

**3 FOUNDATION SECTION**  
3/4" = 1'-0"

**7 FOUNDATION SECTION**  
3/4" = 1'-0"

**2 FOUNDATION SECTION**  
3/4" = 1'-0"

**13 FOUNDATION SECTION**  
3/4" = 1'-0"

**10 FOUNDATION SECTION**  
3/4" = 1'-0"

**6 FOUNDATION SECTION**  
3/4" = 1'-0"

**12 FOUNDATION SECTION**  
3/4" = 1'-0"

**9 FOUNDATION SECTION**  
3/4" = 1'-0"

**5 FOUNDATION SECTION**  
3/4" = 1'-0"

**1 FOUNDATION SECTION**  
3/4" = 1'-0"

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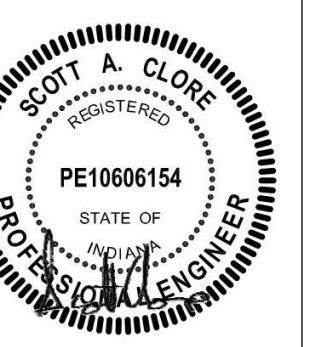
PROJECT:

**Porter Lakes  
Elementary  
School Addition,  
Renovations and  
Related Work**

FOR:  
Porter Township

208 S 725 W, Hebron, IN 46241

PROJECT  
24-142  
DATE  
March 5, 2025  
COORDINATED BY  
NHF  
DRAWN BY  
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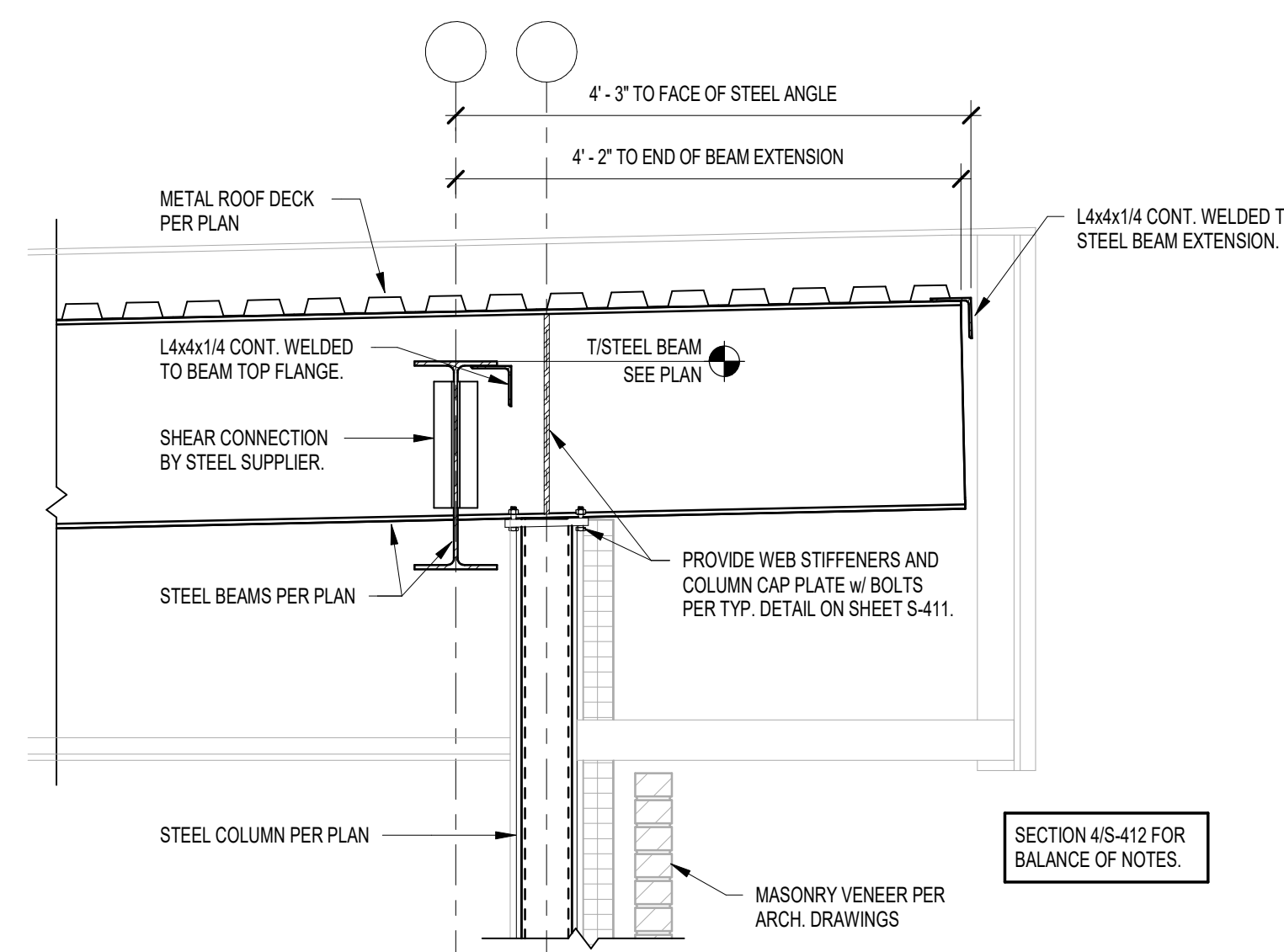
REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	03.14.2025	ADDENDUM 1
AD-2	03.21.2025	ADDENDUM 2

DRAWING  
**STRUCTURAL FRAMING SECTIONS**

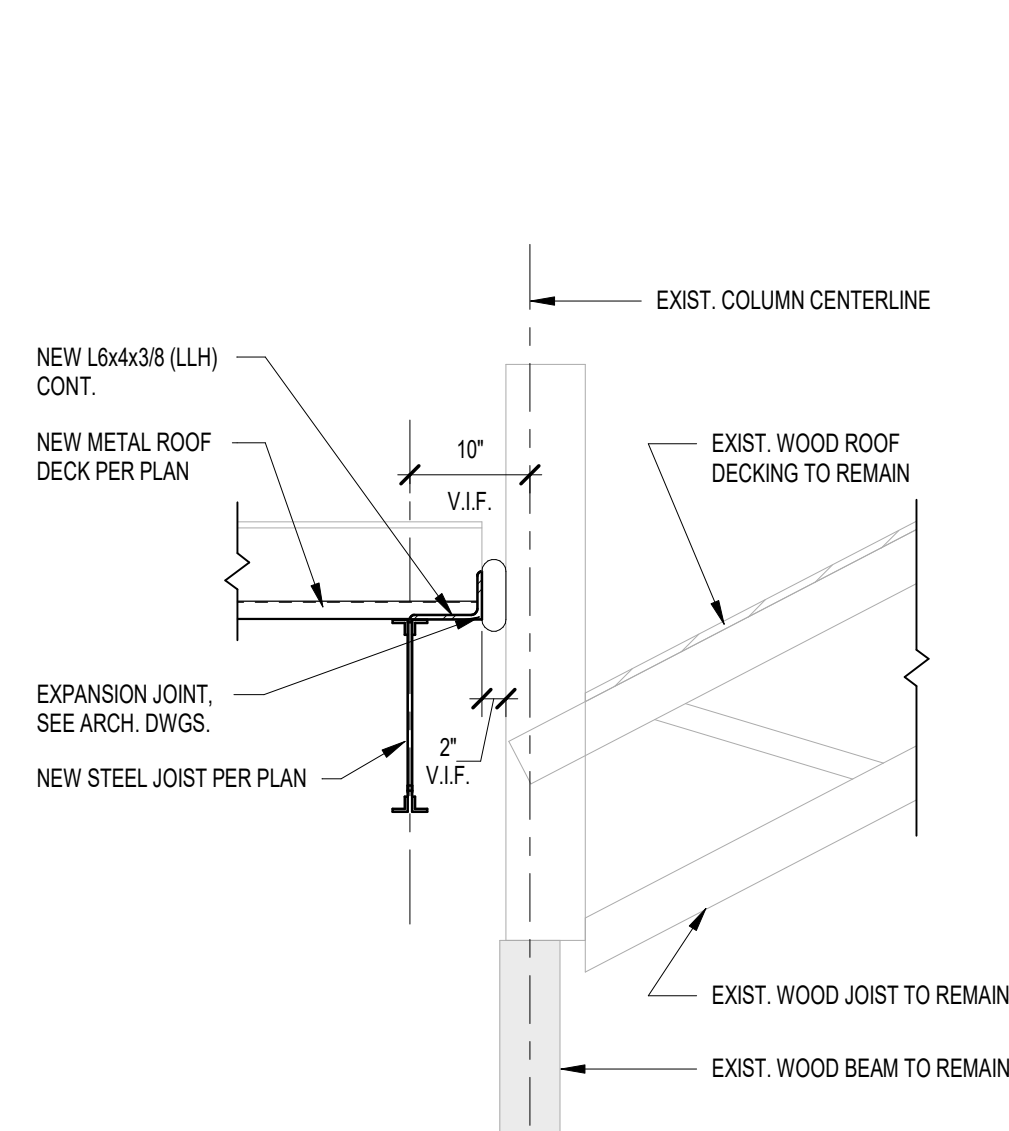
PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related Work

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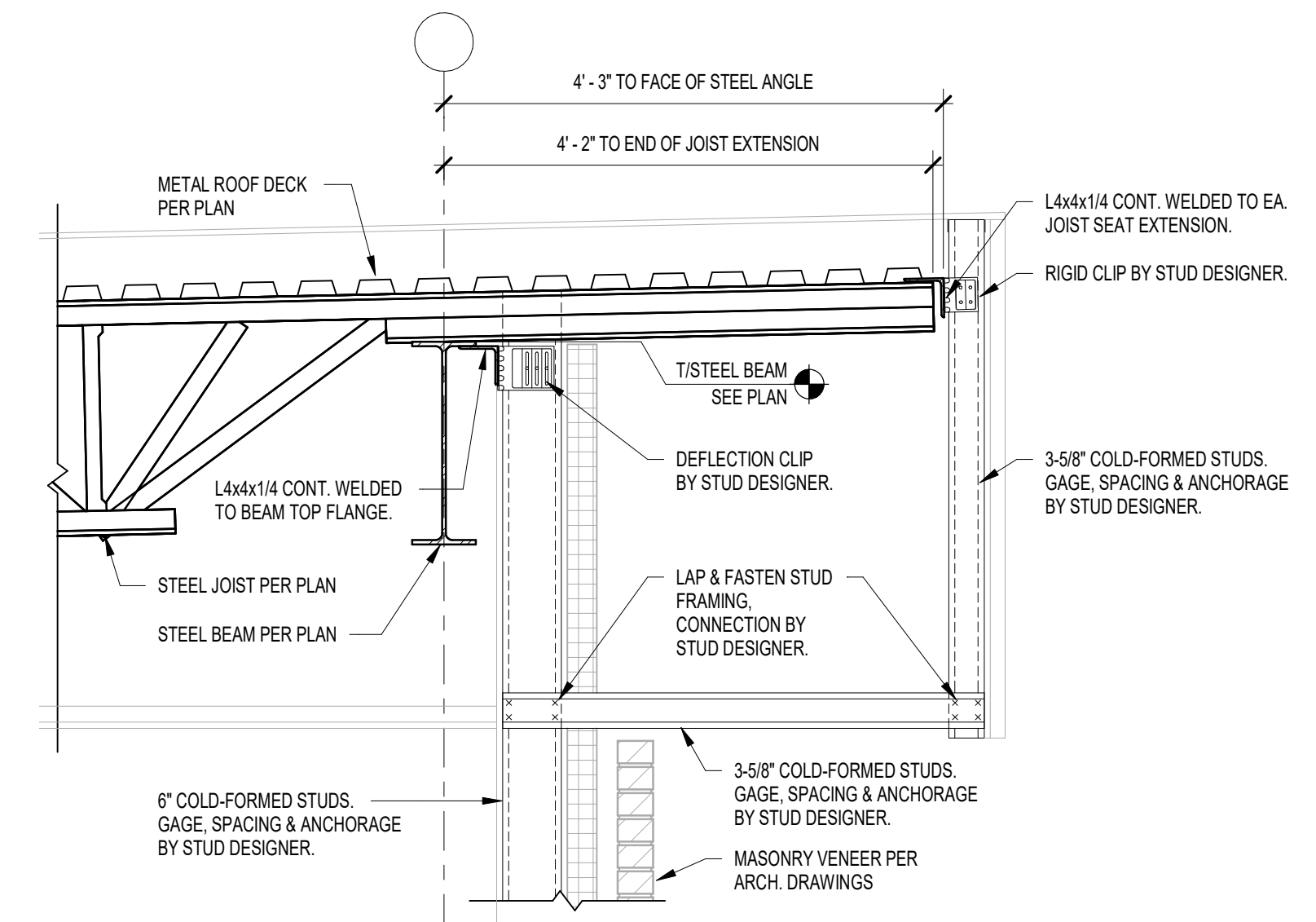
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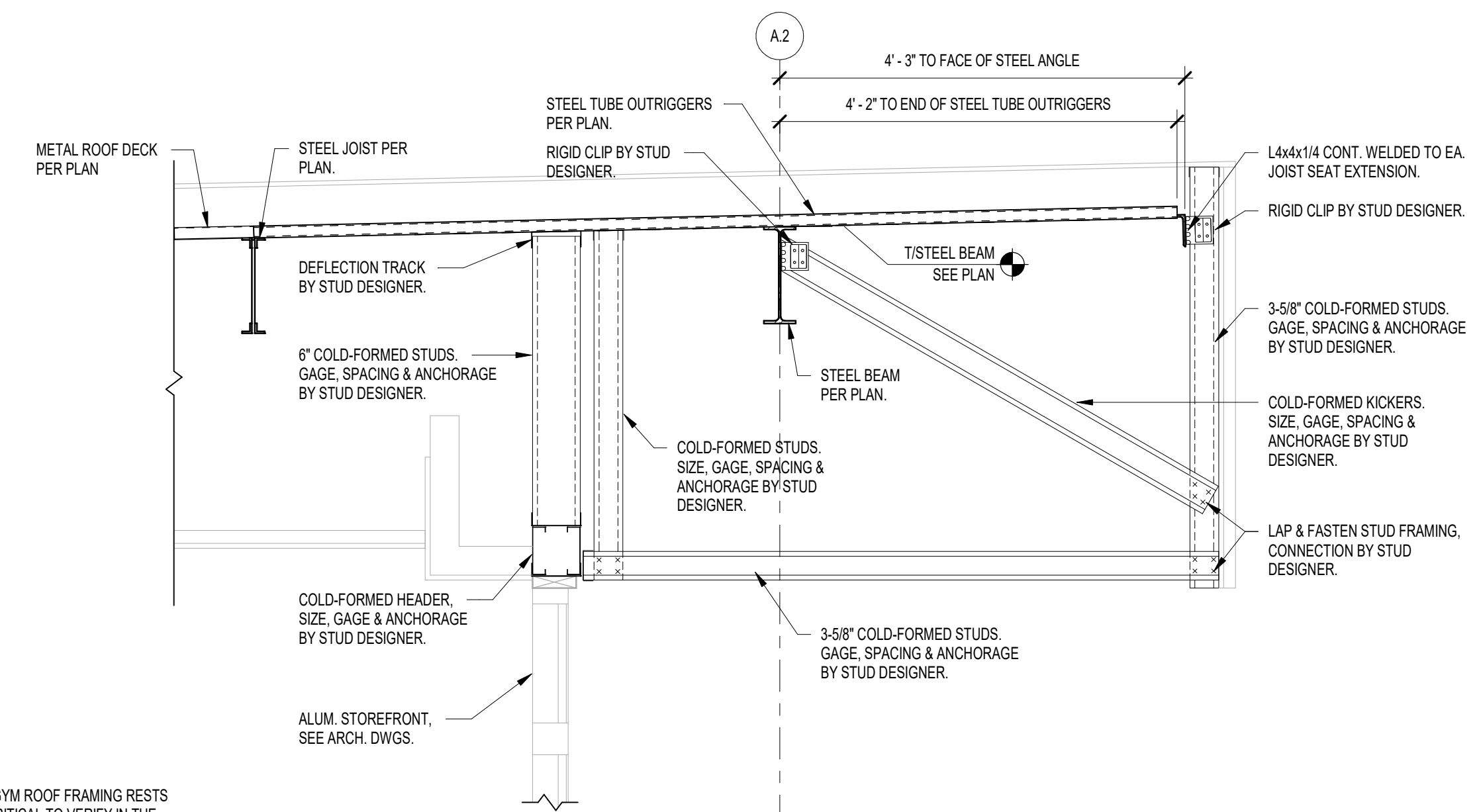
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3/4" = 1'-0"



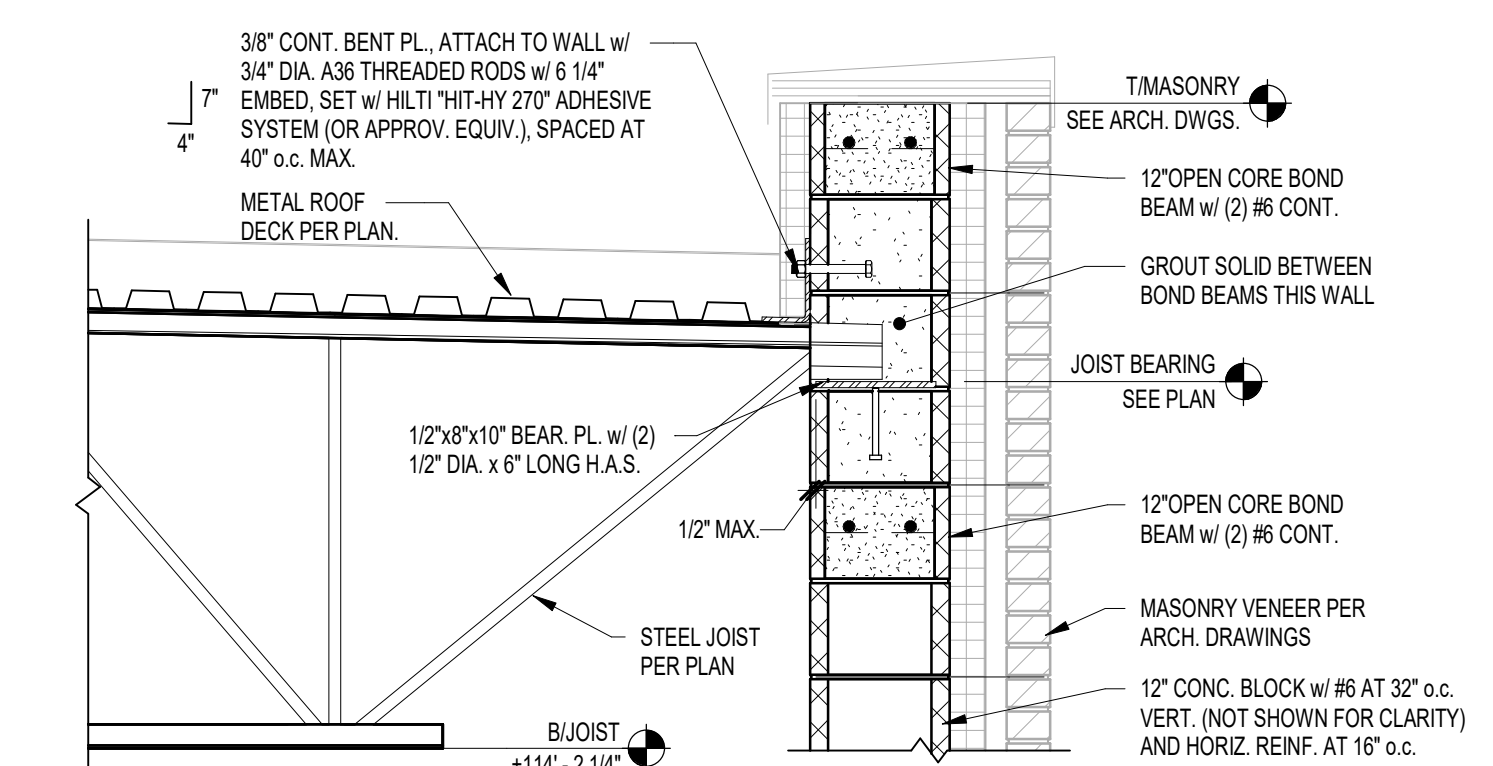
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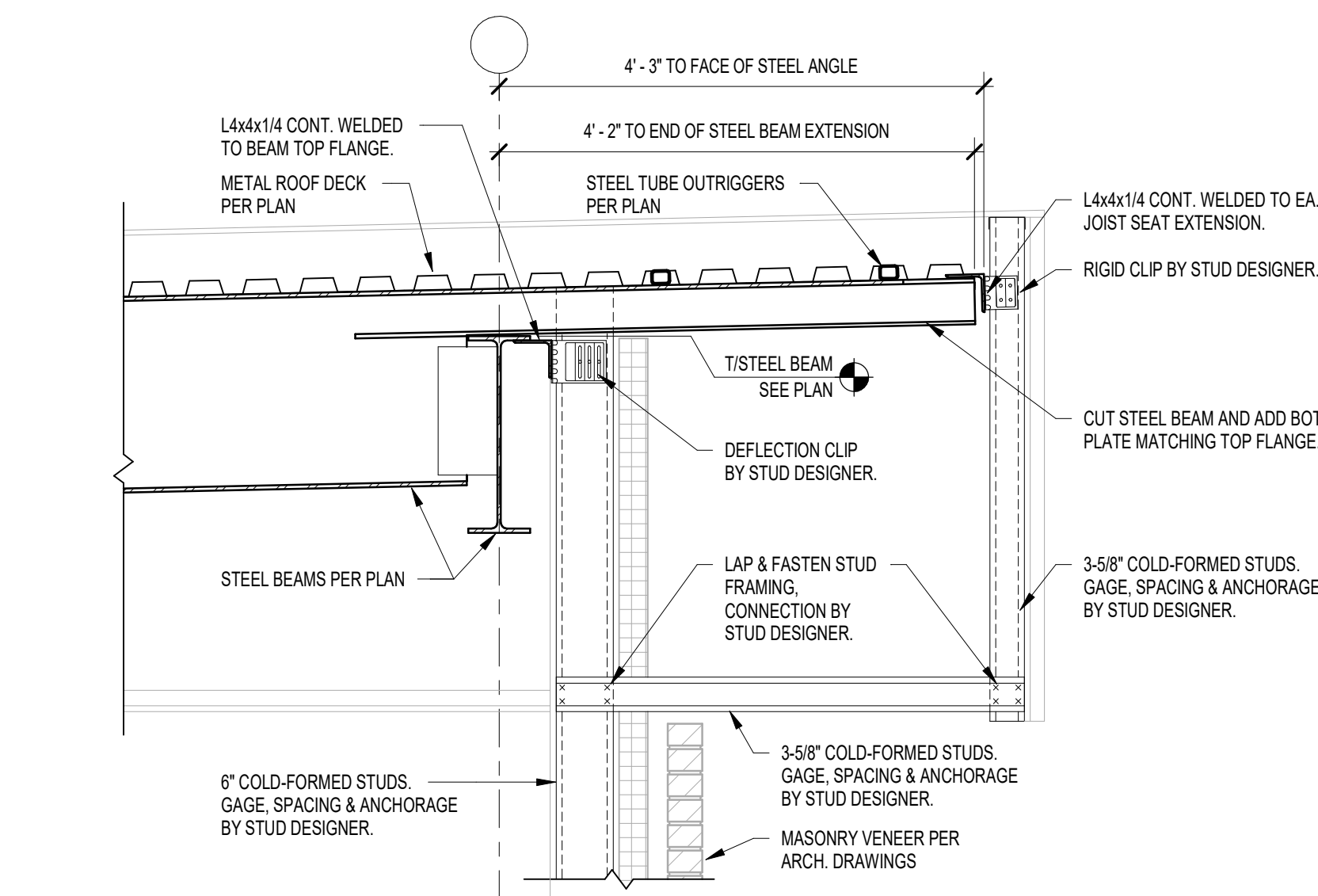
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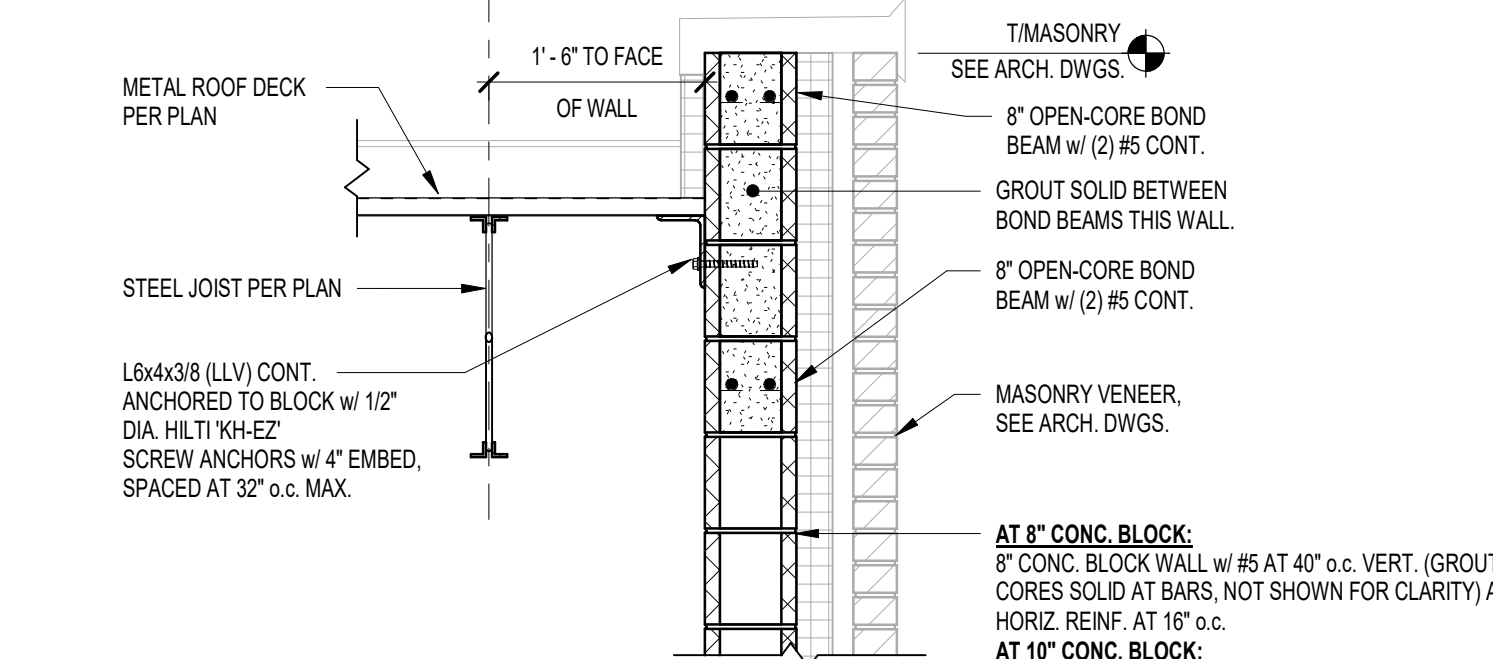
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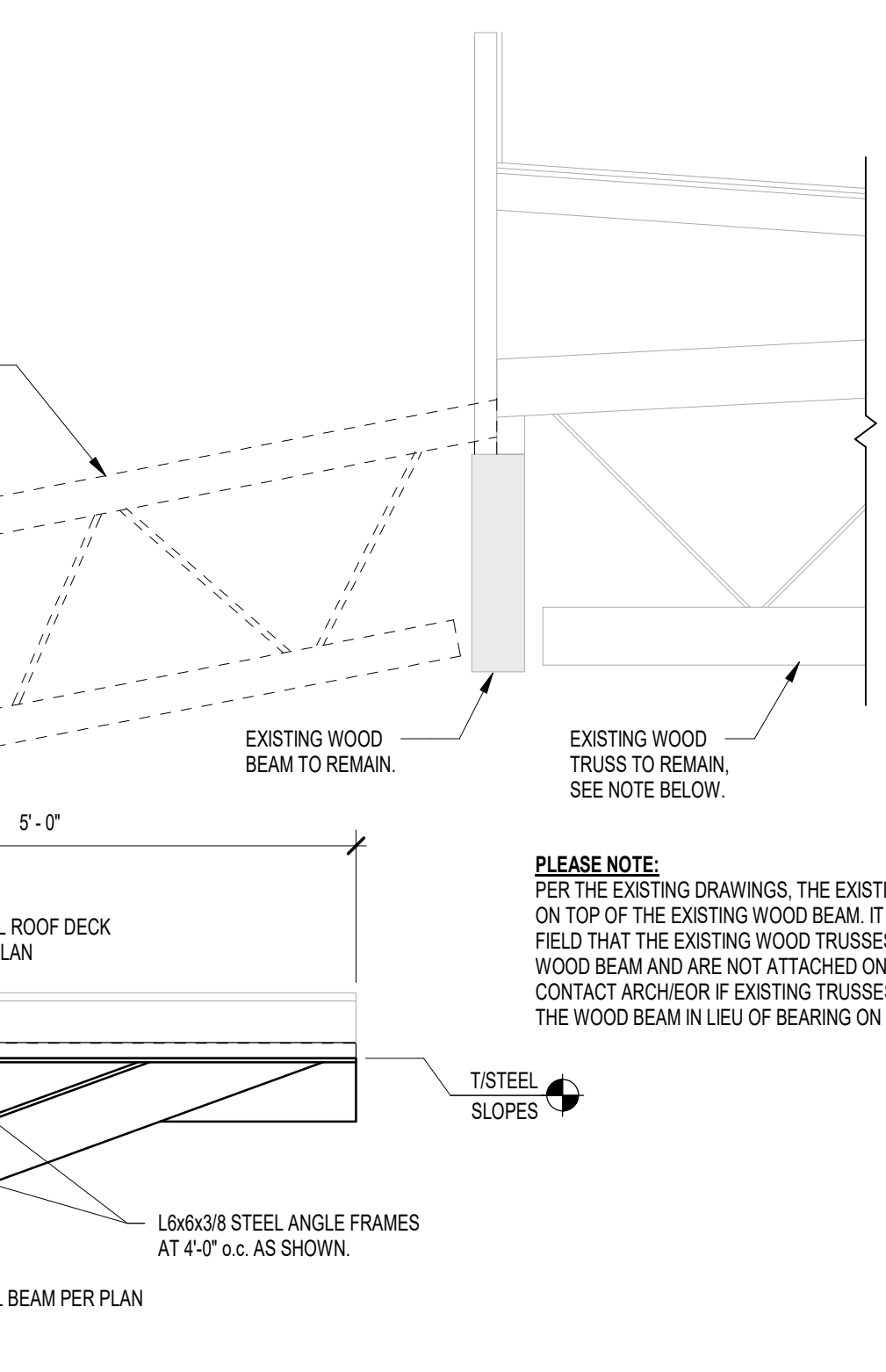
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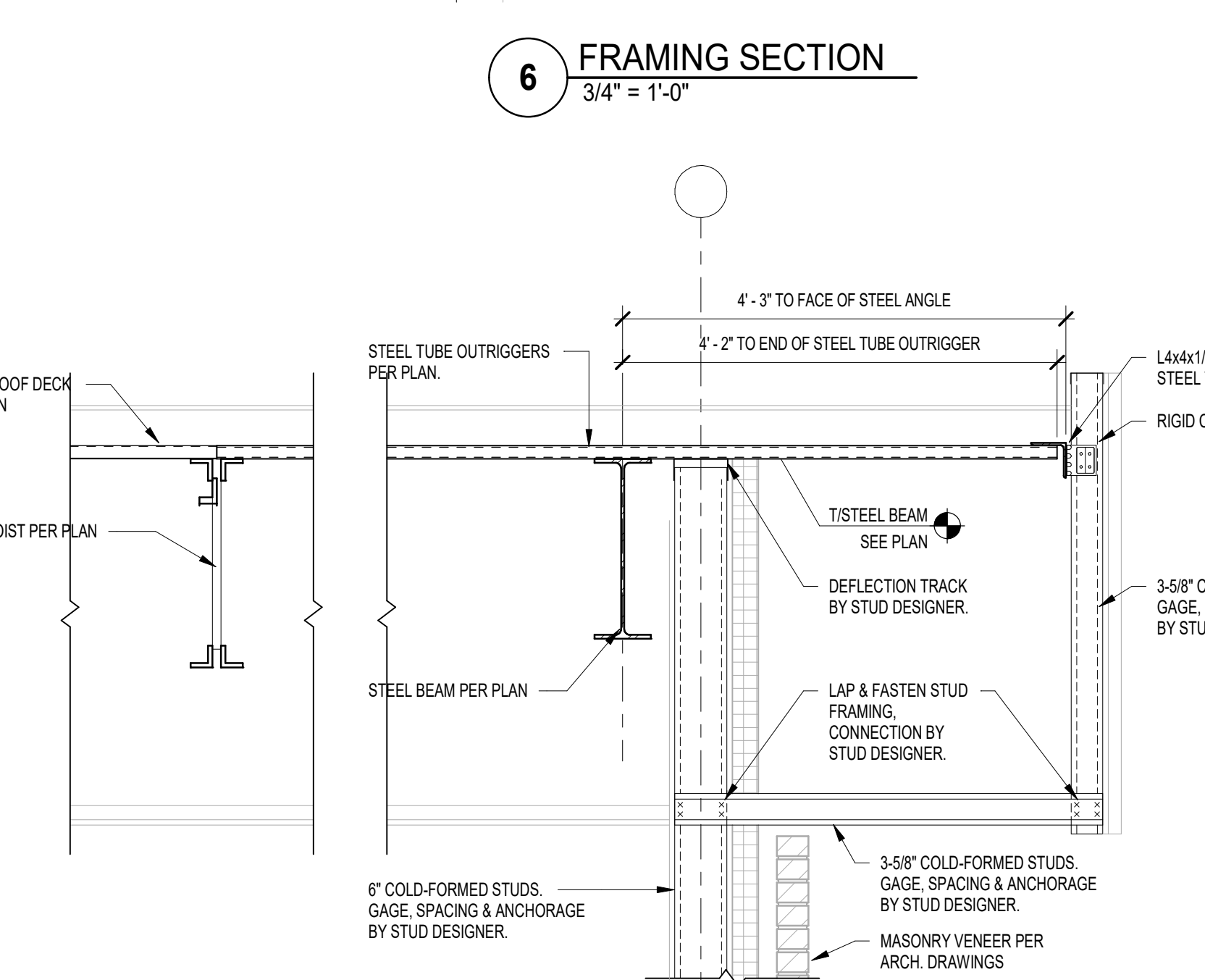
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3/4" = 1'-0"



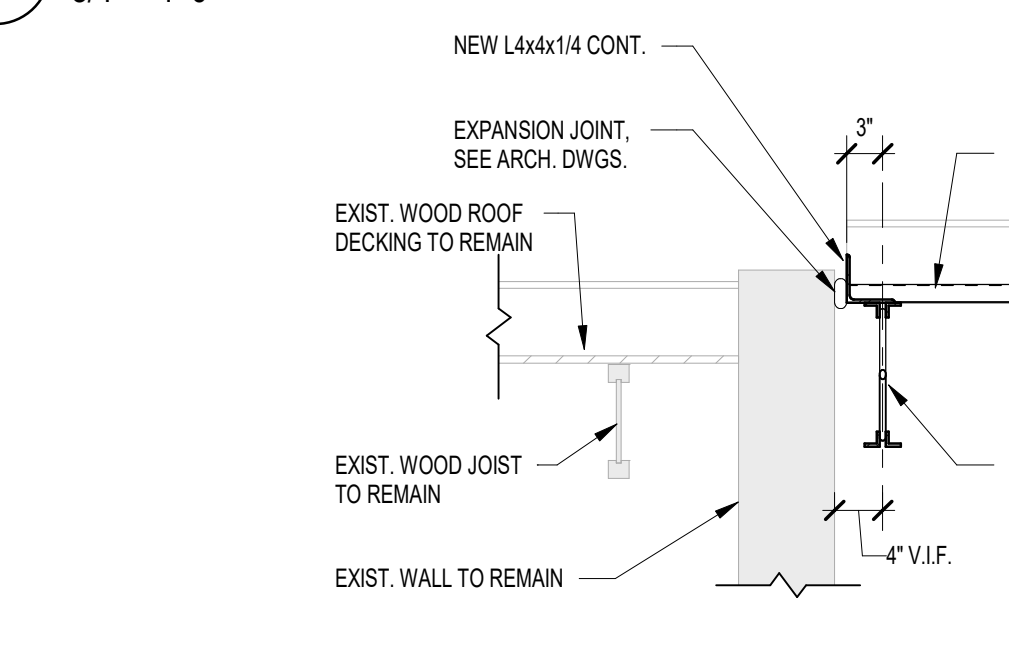
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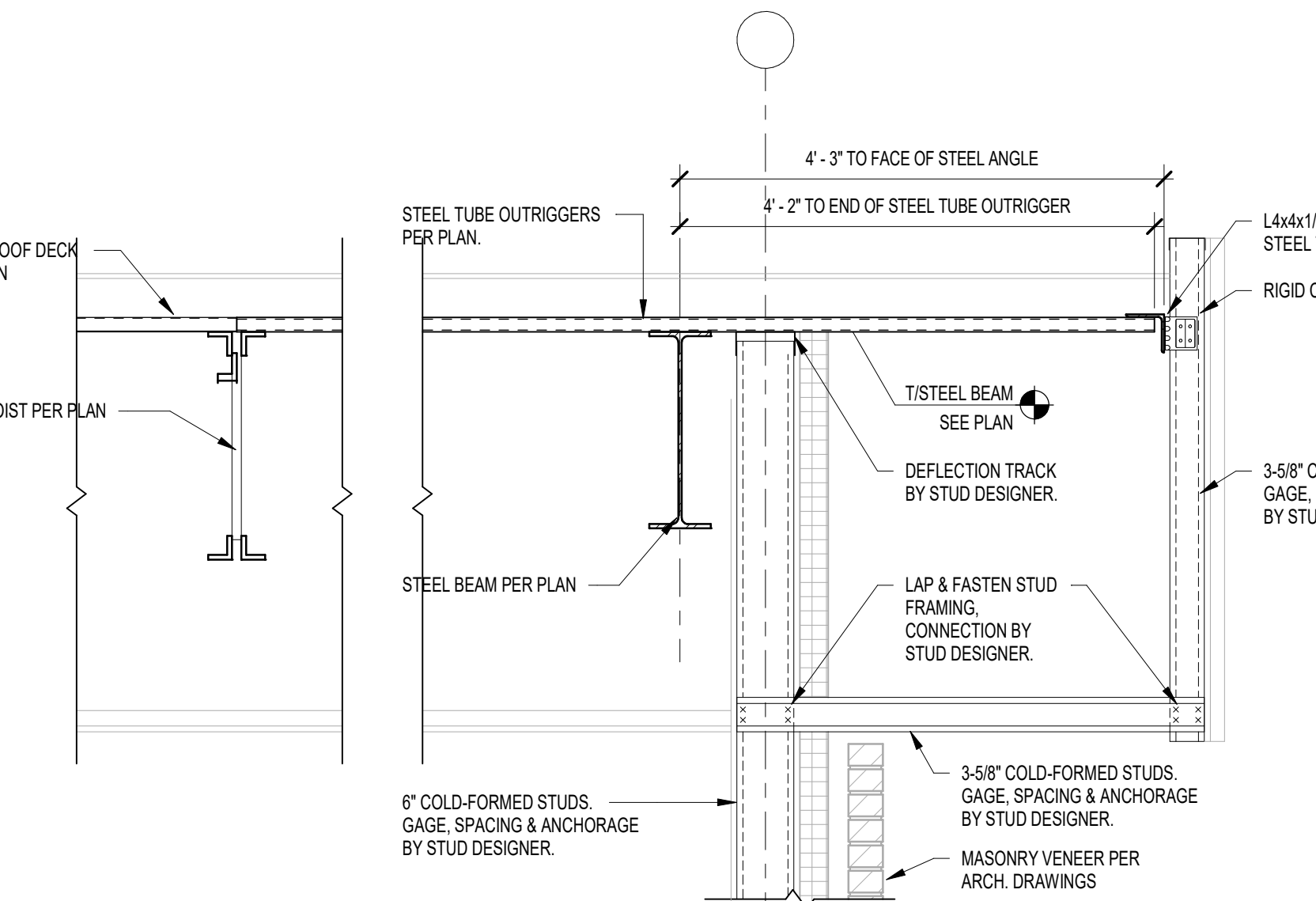
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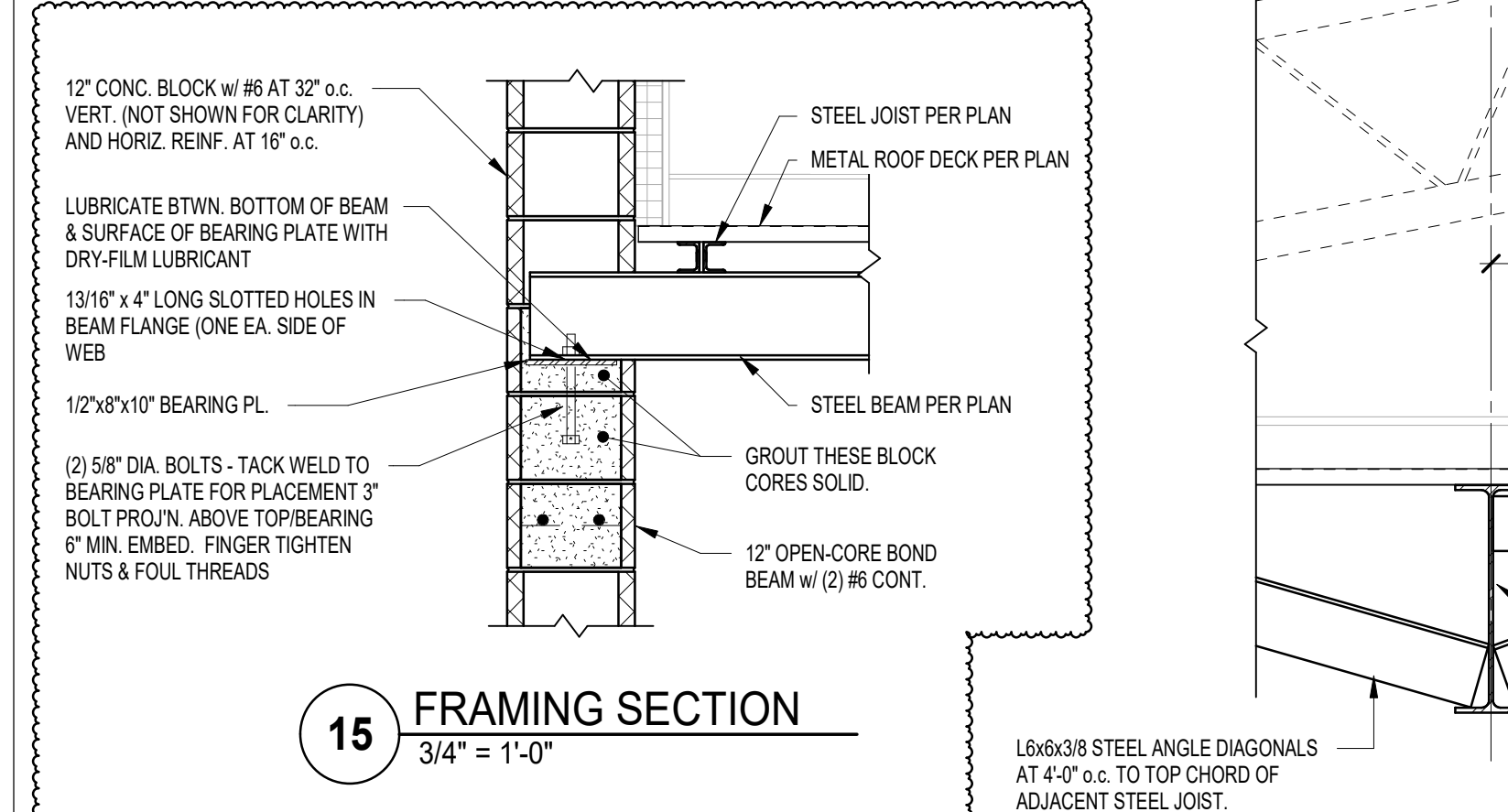
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3/4" = 1'-0"



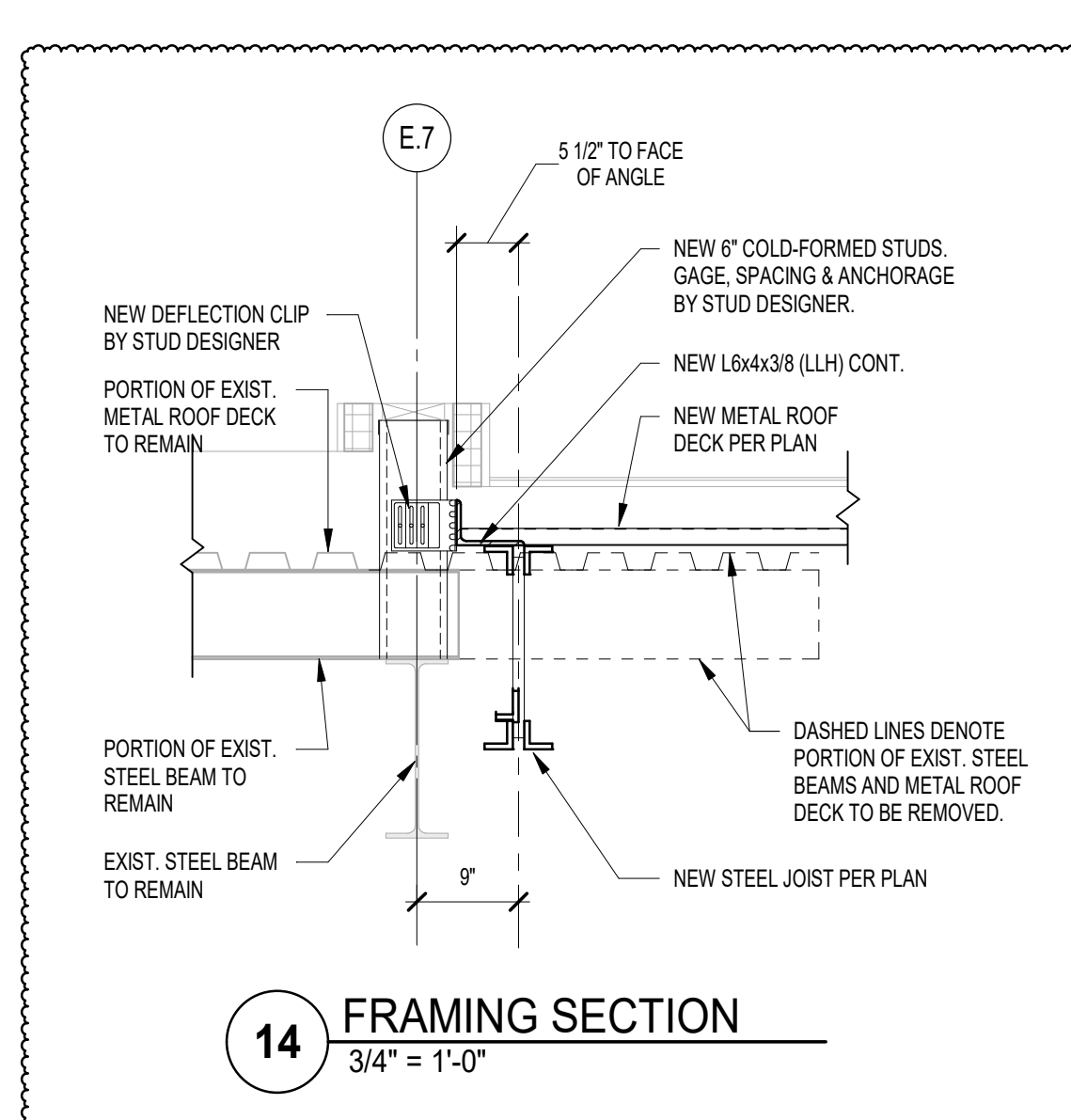
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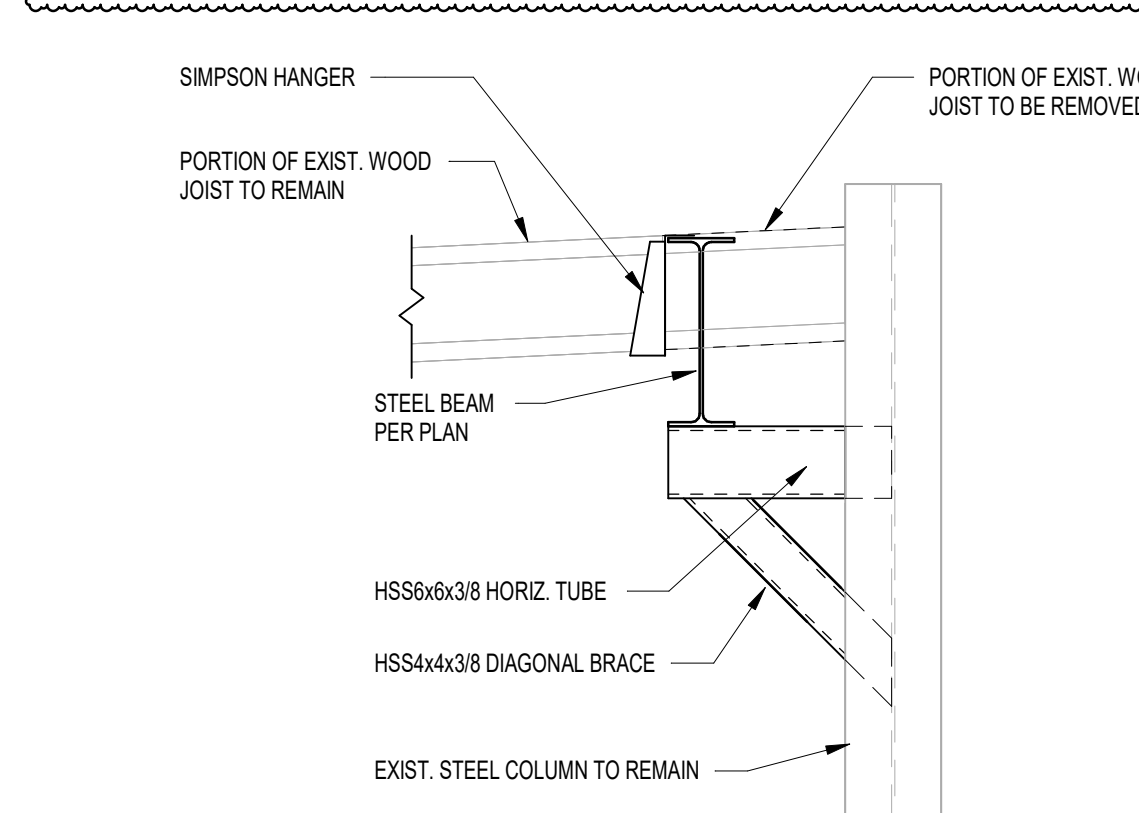
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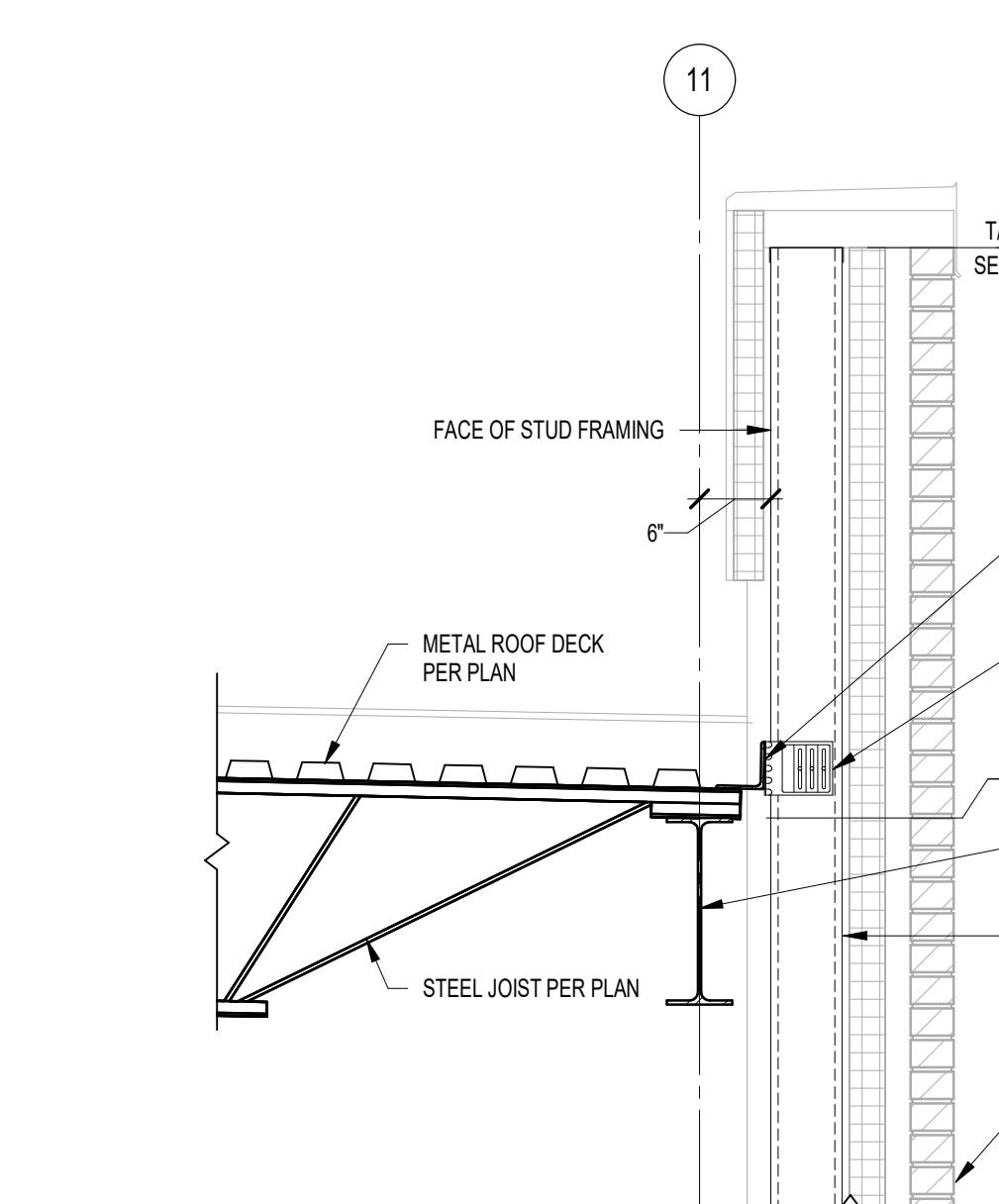
**15 FRAMING SECTION**  
3/4" = 1'-0"



**14 FRAMING SECTION**  
3/4" = 1'-0"



**13 FRAMING SECTION**  
3/4" = 1'-0"



**9 FRAMING SECTION**  
3/4" = 1'-0"

**PLEASE NOTE:**  
PER THE EXISTING DRAWINGS, THE EXISTING GYM ROOF FRAMING RESTS ON TOP OF THE EXISTING WOOD BEAM. IT IS CRITICAL TO VERIFY IN THE FIELD THAT THE EXISTING WOOD TRUSSES ARE RESTING ON TOP OF THE WOOD BEAM AND ARE NOT ATTACHED ON THE SIDE OF THE BEAM. PLEASE CONTACT ARCHITECT IF EXISTING TRUSSES ARE ATTACHED TO THE SIDE OF THE WOOD BEAM IN LIEU OF BEARING ON TOP OF THE BEAM.

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PROJECT:

**Porter Lakes  
Elementary  
School Addition,  
Renovations and  
Related Work**

FOR:

Porter Township

208 S 725 W, Hebron, IN 46341

PROJECT

24-142

DATE

March 5, 2025

COORDINATED BY

NHF

DRAWN BY

NHF

CHECKED BY

SAC

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REVISIONS

MARK DATE ISSUED FOR

AD-1 03.14.2025 ADDENDUM 1

AD-2 03.21.2025 ADDENDUM 2

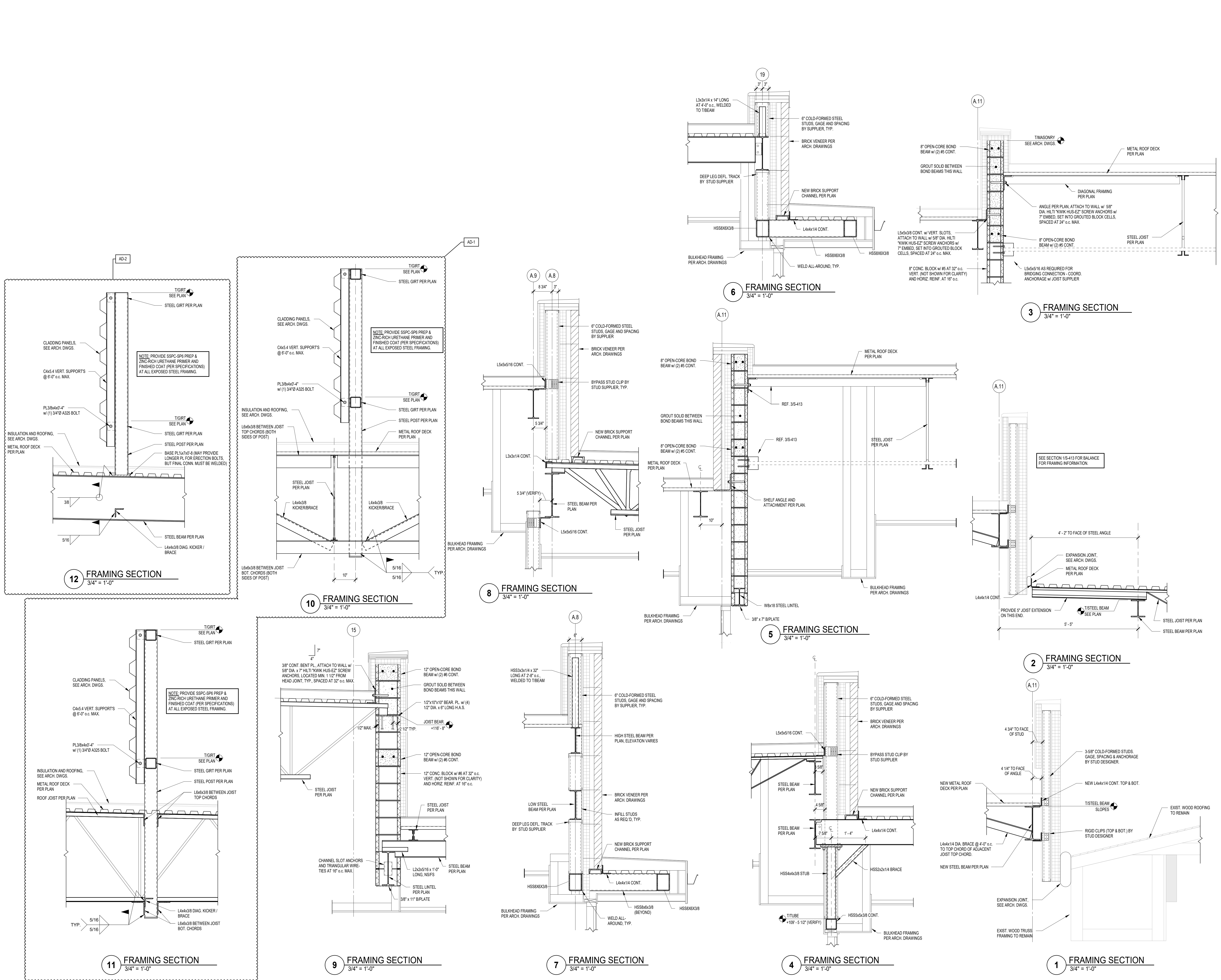
DRAWING  
**STRUCTURAL FRAMING  
SECTIONS**

PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related Work

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SHEET

**S-413**



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**GIBALTAR**  
DESIGN  
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

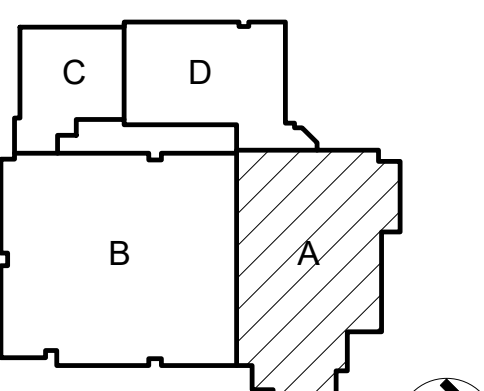
PROJECT:

**Porter Lakes  
Elementary  
School Addition,  
Renovations and  
Related Work**

FOR:

Porter Township

208 S 725 W, Hebron, IN 46341



KEY PLAN



**GIBALTAR DESIGN**

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Indianapolis, IN 46260  
Homepage: www.GibraltarDesign.com  
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Phone 317.580.5777 Fax 317.580.5778

PROJECT  
24-142

DATE  
March 5, 2025

COORDINATED BY

Designer

DRAWN BY

Author

CHECKED BY

Checker

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03/14/25	ADDENDUM 1
AD-2	03/21/25	ADDENDUM 2

DRAWING  
FIRST FLOOR DEMO PLAN - AREA A

PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related Work

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**A AD101**

**GENERAL DEMOLITION NOTES**

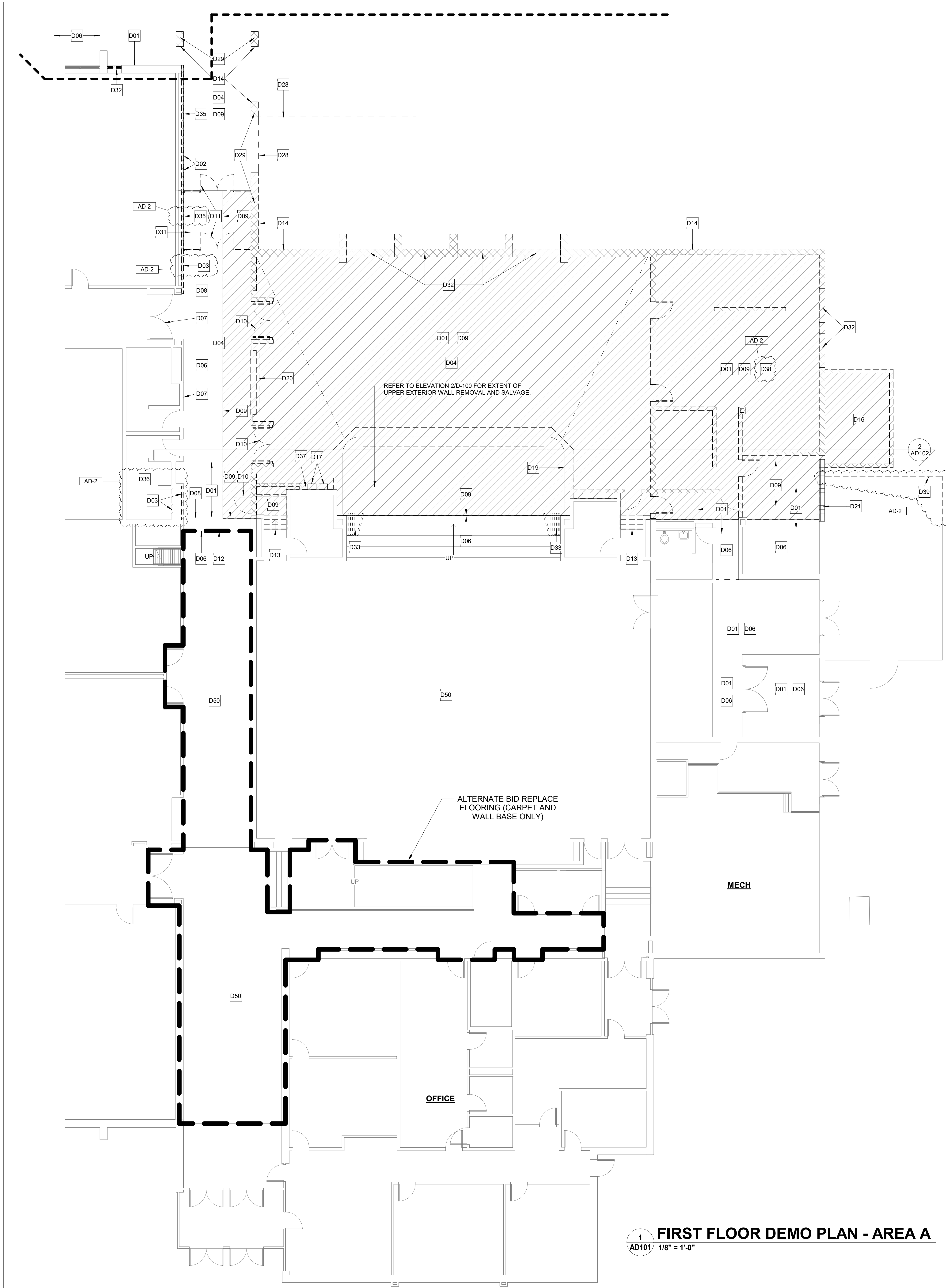
- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE.
- D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
- E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.
- F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.
- G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.
- J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION. UNTIL ITEMS ARE READY TO BE INSTALLED, IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.
- K. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- L. CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.
- M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
- N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.
- P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.
- Q. MASONRY WALLS TO BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- U. FLOORING DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

**DEMOLITION KEYNOTES**

- D01 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY TO ACCOMMODATE NEW BUILDING ADDITION AND MEP ASSEMBLIES. PREPARE TO RECEIVE NEW CEILING CONSTRUCTION.
- D02 REMOVE ALL WALL, SOFFIT, FASCIA ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR AS REQUIRED TO ACCEPT NEW FINISHES.
- D03 REMOVE STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- D04 REMOVE EXISTING ROOF CONSTRUCTION, FASCIA, SOFFIT COMPLETE TO ACCOMMODATE NEW BUILDING CONSTRUCTION. CAREFULLY REMOVE STRUCTURE FROM MAIN BUILDING STRUCTURE. REFER TO FLOOR PLAN, ROOF PLAN, ROOF DETAILS, SECTIONS AND DETAILS FOR ADDITIONAL INFORMATION. SALVAGE METAL FASCIA AND COPING FOR REUSE ON NEW CONSTRUCTION.
- D06 PREPARE WALLS FOR NEW PAINT FINISH.
- D07 PROTECT EXISTING WALL CONSTRUCTION TO REMAIN.
- D08 REMOVE CARPET FLOOR SYSTEM AND WALL BASE IN ITS ENTIRETY. PREPARE SLAB AND WALL FOR NEW FINISH. REFER TO SPECIFICATION.
- D09 REMOVE EXISTING CONCRETE SLAB AND TURN DOWN SLAB COMPLETE TO ACCOMMODATE NEW CONSTRUCTION. REFER TO CIVIL AND STRUCTURAL SHEETS.
- D10 REMOVE EXISTING DOOR AND FRAME IN ITS ENTIRETY. TURN OVER DOOR HARDWARE TO OWNER.
- D11 REMOVE ALUMINUM STOREFRONT FRAMING, DOORS, AND HARDWARE IN ITS ENTIRETY. PATCH WALLS TO REMAIN. TURN OVER DOOR HARDWARE TO OWNER.
- D12 EXISTING CEILING SYSTEM TO REMAIN. TIE INTO NEW BULKHEAD.
- D13 REMOVE EXISTING CONCRETE STEPS IN THEIR ENTIRETY.
- D14 REMOVE EXISTING MASONRY WALL AND FOUNDATIONS IN THEIR ENTIRETY.
- D16 REMOVE EXISTING COOLER / FREEZER ASSEMBLY, SLAB, AND FOUNDATIONS.
- D17 CAREFULLY REMOVE PLUMBING FIXTURES. REINSTALL. REFER TO PLUMBING SHEETS.
- D18 REMOVE EXISTING TOILET ROOM ACCESSORIES (MIRROR, RAILS, ETC)
- D19 REMOVE EXISTING STAGE CURTAIN IN ITS ENTIRETY.
- D20 REMOVE EXISTING PROJECTOR AND SCREEN IN THEIR ENTIRETY.
- D21 PORTION OF EXISTING WALL TO REMAIN. REMOVE METAL COPING AND WOOD BLOCKING FROM TOP OF MASONRY WALL.
- D22 REMOVE EXISTING ROOF SHINGLES, VAPOR BARRIER, AND ROOF MEMBRANE TO EXISTING WOOD DECK.
- D23 SELECTIVELY REMOVE EXISTING SHINGLES AND VAPOR BARRIER FOR TIE IN OF NEW ROOF ASSEMBLIES.
- D24 EXISTING METAL FASCIA AND PANEL SYSTEM TO REMAIN. REMOVE EXISTING ROOF DECKING TO BUILDING STRUCTURE 4" FROM EDGE OF EXISTING FLASHING. SELECTIVELY REMOVE FLASHING/SALVAGE FOR RE-INSTALLATION.
- D26 REMOVE EXISTING ROOF DRAIN. REMOVE EXISTING ROOF CONDUCTOR AND CAP UNLESS REQUIRED FOR NEW CONSTRUCTION.
- D27 REMOVE EXISTING BUILDING METAL PANEL FASCIA, COPINGS AND SOFFIT. SALVAGE METAL PANELS FOR SELECTIVE SALVAGE REUSE.
- D28 REMOVE EXISTING SIDEWALK. REFER TO CIVIL SHEETS.
- D29 REMOVE EXISTING COLUMN. REFER TO STRUCTURAL SHEETS.
- D30 REMOVE PORCELAIN FLOOR SYSTEM AND WALL BASE IN ITS ENTIRETY. PREPARE SLAB FOR NEW FINISH.
- D31 REMOVE VINYL FLOORING SYSTEM AND WALL BASE IN ITS ENTIRETY. PREPARE SLAB FOR NEW FINISH.
- D32 REMOVE ALUMINUM WINDOW FRAMES IN THEIR ENTIRETY.
- D33 REMOVE FOLDING PARTITION, TRACK, ELECTRICAL CONNECTIONS, AND SUPPORT TO MAIN BEAM ABOVE. MAIN BEAM TO REMAIN.
- D34 FOR INSTALLATION OF NEW DOOR AND FRAME AND NEW CORRIDOR CONNECTION, REMOVE EXTERIOR WALL CONSTRUCTION AND FOUNDATION WALL TO 8" BELOW FINISHED FLOOR.
- D35 REMOVE BRICK FROM THIS ELEVATION. SALVAGE FOR REUSE ON NEW CONSTRUCTION.
- D36 REMOVE PORTION OF ACOUSTICAL BOARD CEILING SYSTEM TO ACCOMMODATE INSTALLATION OF NEW BEAM. REINSTALL AFTER BEAM INSTALLATION.
- D37 REMOVE EXISTING WALL TILE FINISH FLOOR TO CEILING. PREPARE FOR NEW FINISHES.
- D38 REMOVE ALL KITCHEN EQUIPMENT THE OWNER DOES NOT WANT. STORE EQUIPMENT SCHEDULED FOR REUSE, AND SCRAP THE REMAINDER.
- D39 REMOVE EXISTING FENCE SURROUNDING THE EXISTING CHILLER TO ALLOW FOR NEW CONSTRUCTION. PROTECT EXISTING CHILLER. REINSTALL FENCING AT THE COMPLETION OF THE PROJECT.
- D50 NO WORK IN BASE BID.

**DEMOLITION LEGEND**

- EXCEPT FOR WHERE STRUCTURAL SHEETS INDICATED EXISTING STRUCTURE CAN REMAIN, REMOVE ENTIRE BUILDING FROM ROOF TO BOTTOM OF EXISTING FOOTINGS COMPLETE, UNLESS NOTED OTHERWISE ON STRUCTURAL SHEETS.
- ALL UTILITIES TO BE CUT AND CAPPED BY RESPECTIVE DISCIPLINES AT THE EDGE OF THE EXISTING PORTION OF THE BUILDING TO REMAIN. GENERAL CONTRACTOR TO COORDINATE THE SHUTOFF AND CAPPING OF ALL UTILITIES PRIOR TO THE START OF DEMOLITION.



**1 FIRST FLOOR DEMO PLAN - AREA A**  
AD101 1/8" = 1'-0"



**GIBRALTAR DESIGN**  
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

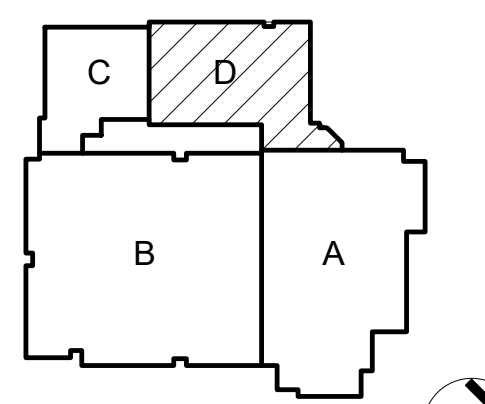
PROJECT:

**Porter Lakes Elementary School Addition, Renovations and Related Work**

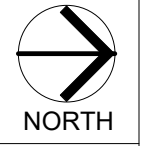
FOR:

Porter Township

208 S 725 W, Hebron, IN 46341

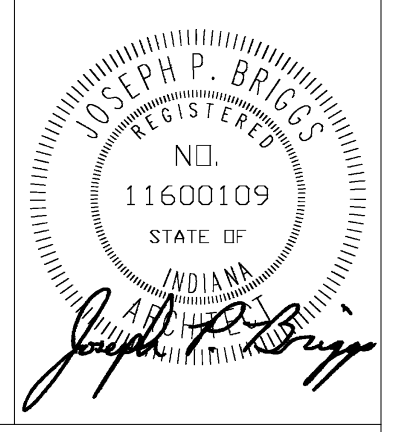


KEY PLAN



**GIBRALTAR DESIGN**  
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PROJECT 24-142  
DATE March 5, 2025  
COORDINATED BY Designer  
DRAWN BY Author  
CHECKED BY Checker



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**REVISIONS**  
MARK DATE ISSUED FOR  
AD-2 03/21/25 ADDENDUM 2

DRAWING CANOPY PLAN, SECTIONS, AND ELEVATIONS

PROJECT Porter Lakes Elementary School Addition, Renovations and Related Work

GIBRALTAR DESIGN SHEET AD-2 **A103**

**D**

**GENERAL PLAN NOTES**

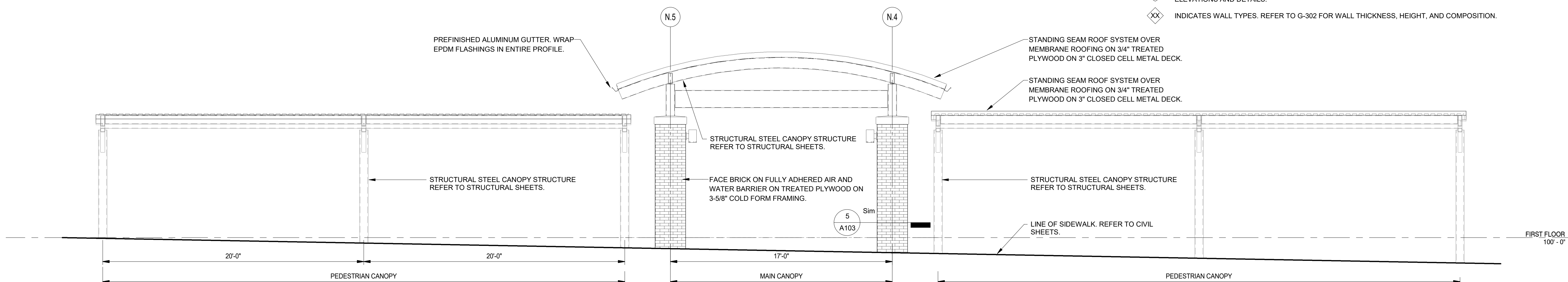
- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.
- C. ALL CMU WALLS 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.
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
- H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.
- J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.
- K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

**PLAN LEGEND**

- ⊠ WX INDICATES STOREFRONT OR CURTAIN WALL SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- ⊠ XX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

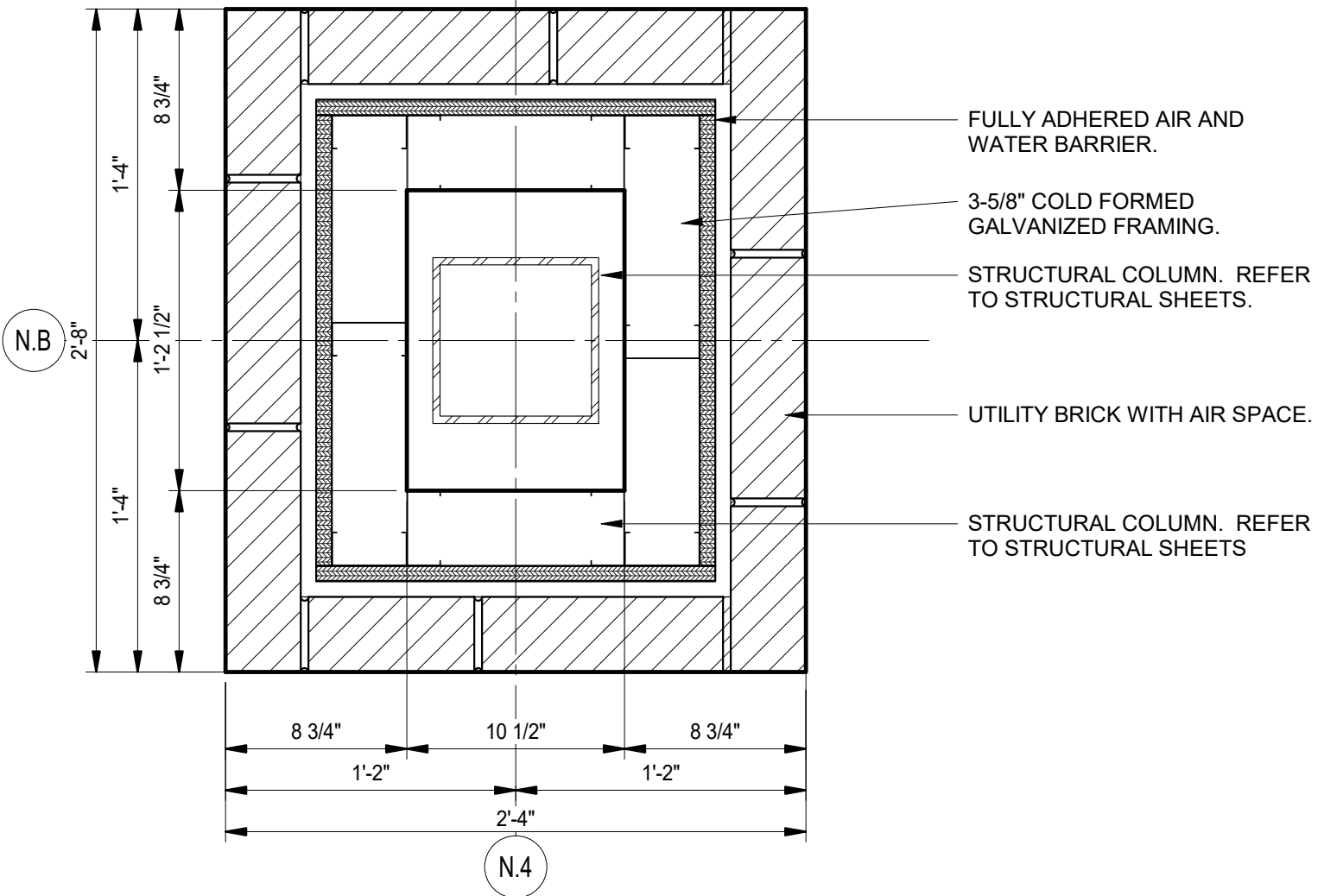
**PLAN KEYNOTES**

- A01 CONCRETE VOID SLAB/WALK. PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS. REFER TO STRUCTURAL SHEETS.
- A02 CARD READER. REFER TO ELECTRICAL SHEETS.
- A03 PUSH PAD FOR ADA OPERATOR. REFER TO ELECTRICAL SHEETS.
- A04 ALPHONE LOCATION. REFER TO ELECTRICAL SHEETS.
- A05 LINE OF ROOF OVERHANG. REFER TO SECTIONS.
- A06 MANUALLY OPERATED, PAIRED PANEL FOLDING PARTITION.
- A07 FREEZER. REFER TO FOOD EQUIPMENT SHEETS.
- A08 COOLER. REFER TO FOOD EQUIPMENT SHEETS.
- A09 OPENING FOR PASS THROUGH IN BEARING MASONRY WALL. COORDINATE SIZE OF OPENING WITH KITCHEN EQUIPMENT SHOP DRAWINGS.
- A10 UNIT VENTILATOR WITH HEAVY GAUGE PAINTED METAL CLOSURE AT UNIT MATCH. COORDINATE EACH CONDITION IN FIELD WITH WALL, FLOOR AND CEILING CONDITIONS. REFER TO MECHANICAL DRAWINGS AND SHEET A-501.
- A11 PLUMBING FIXTURE. REFER TO EQUIPMENT DRAWINGS AND PLUMBING DRAWINGS.
- A12 REINSTALL DRINKING FOUNTAINS. REFER TO PLUMBING SHEETS.
- A13 FIRE EXTINGUISHER AND CABINET. REFER TO SHEET A501.
- A14 PROJECTOR SCREEN. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
- A15 INSTALL NEW 1 1/4" I.D. ALUMINUM HANDRAIL AT RAMP. EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO POST / WALL. REFER TO SHEET A-302.
- A16 NEW BOTTLE FILLER WATER COOLER. REFER TO PLUMBING DRAWINGS.
- A17 NEW OVERHEAD COILING SHUTTER DOOR.
- A18 NEW OVERHEAD COILING COUNTER DOOR. VERIFY SILL HEIGHT WITH FOOD SERVICE EQUIPMENT.
- A19 REFER TO PLUMBING, ELECTRICAL AND TECHNOLOGY DRAWINGS LOCATIONS FOR POWER, HOSE BIBS AND LIGHTING.
- A20 NEW CAST IN PLACE CONCRETE STAIR. MATCH EXISTING.
- A21 NEW THEATRE CURTAIN. REFER TO EQUIPMENT SHEETS.
- A22 PATCH GYPSUM BOARD AND BASE WHERE NOTED.
- A23 INFILL WALL WHERE DOOR WAS REMOVED WITH LIKE STUDS, BATT INSULATION, AND GYPSUM BOARD.
- A24 ROOF HATCH AND LADDER.
- A25 ROOF CONDUCTOR. REFER TO PLUMBING SHEETS.
- A26 WHERE SIDEWALK IS NOT PRESENT AT STOREFRONT, PROVIDE CUT STONE SILL. REFER TO SHEET A501.
- A27 REINSTALL THE EXISTING FENCE, PROVIDING 3 NEW POSTS.
- A50 NO BASE BID WORK.



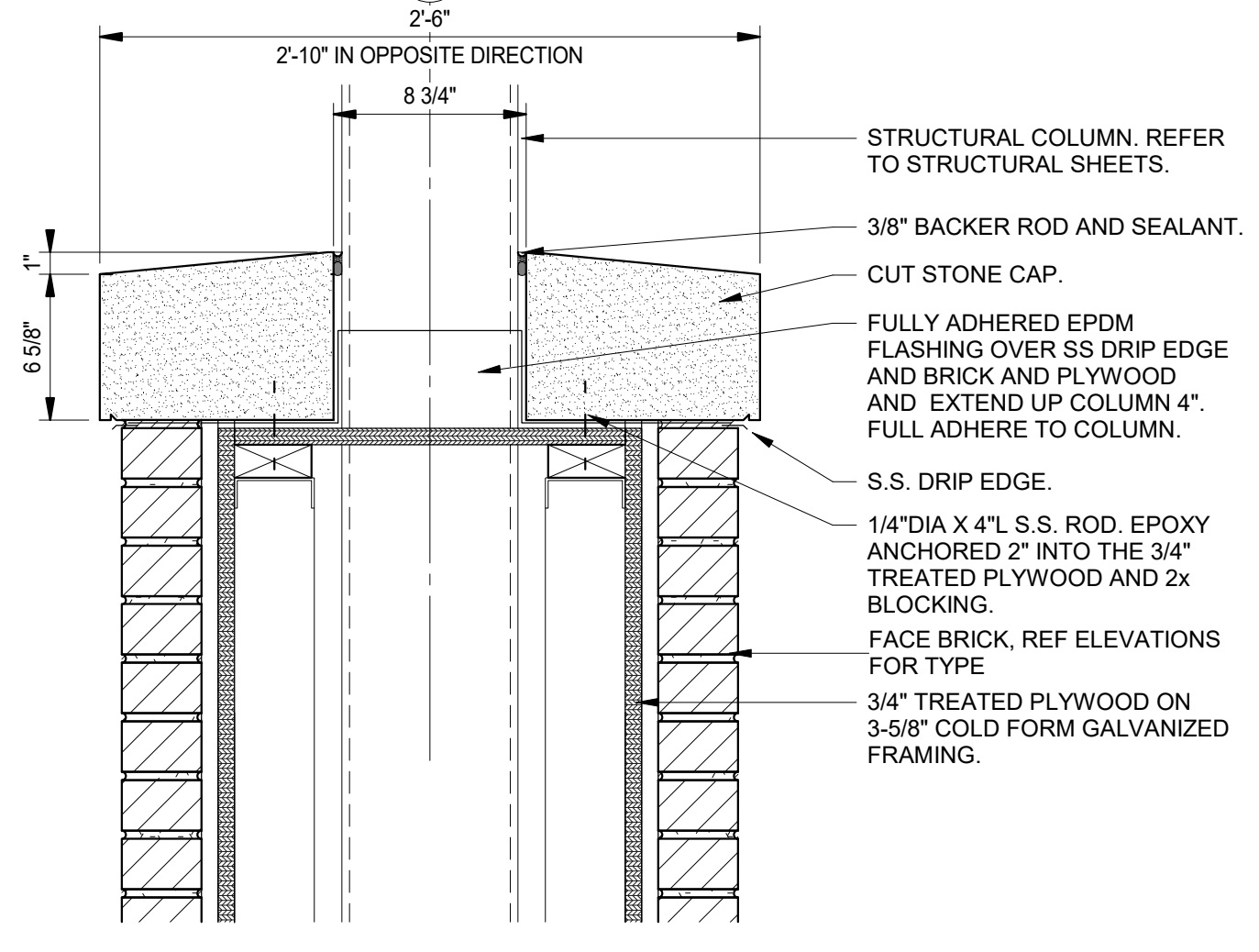
**6 ENTRY CANOPY FRONT ELEVATION**

A103 1/4" = 1'-0"



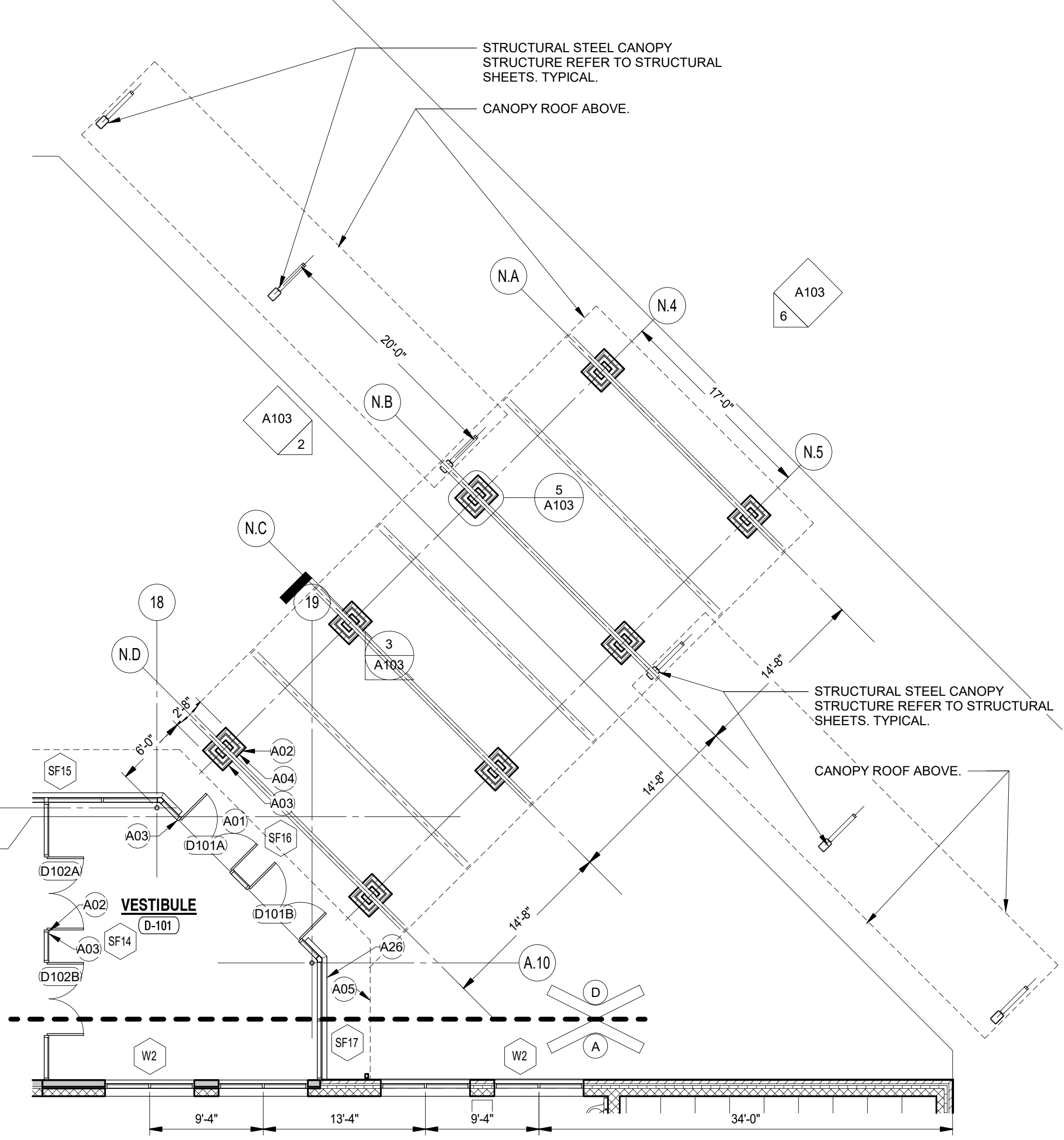
**5 CANOPY COLUMN ENCLOSURE**

A103 1 1/2" = 1'-0"



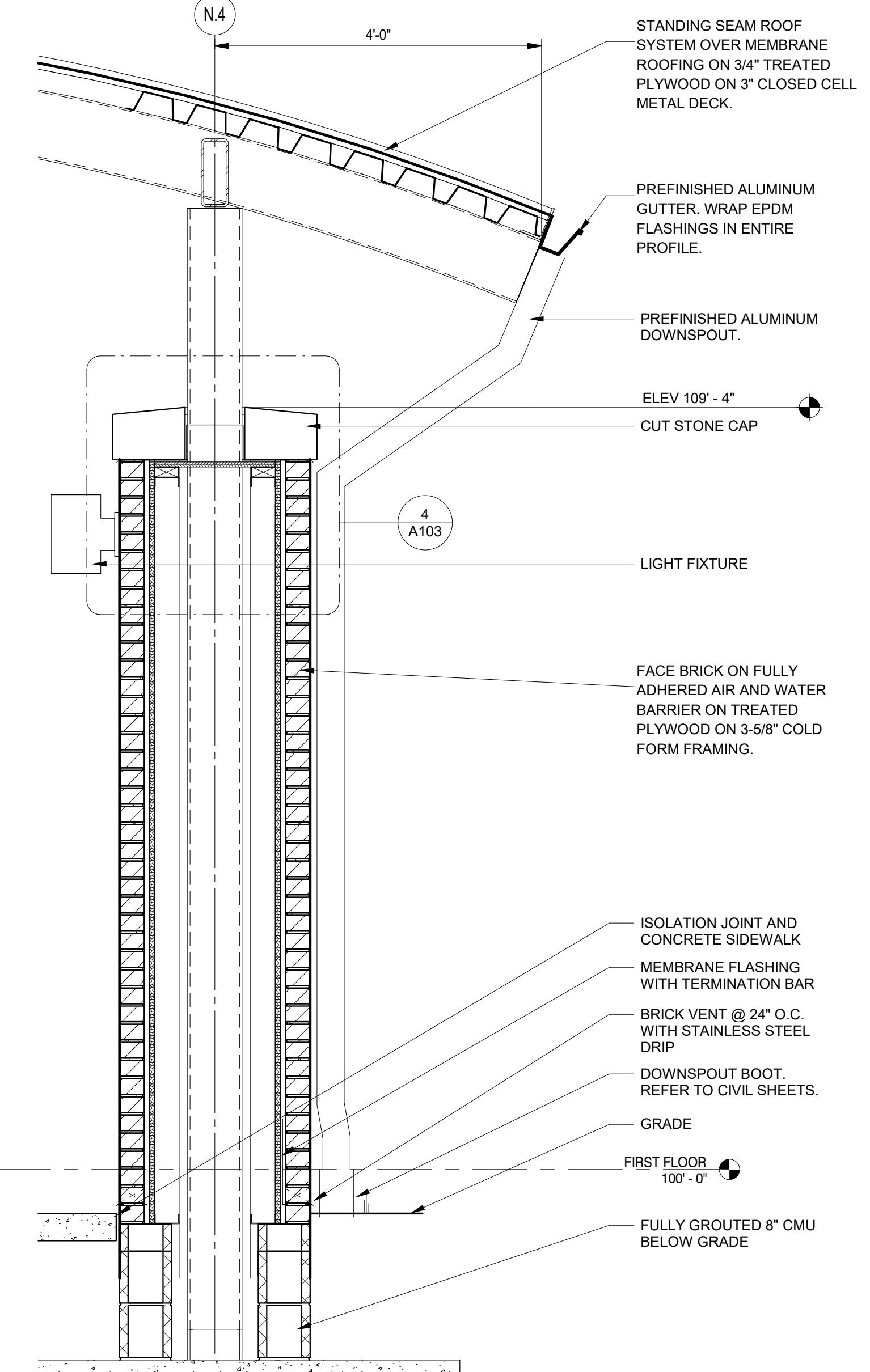
**4 CANOPY COLUMN CAP**

A103 1 1/2" = 1'-0"



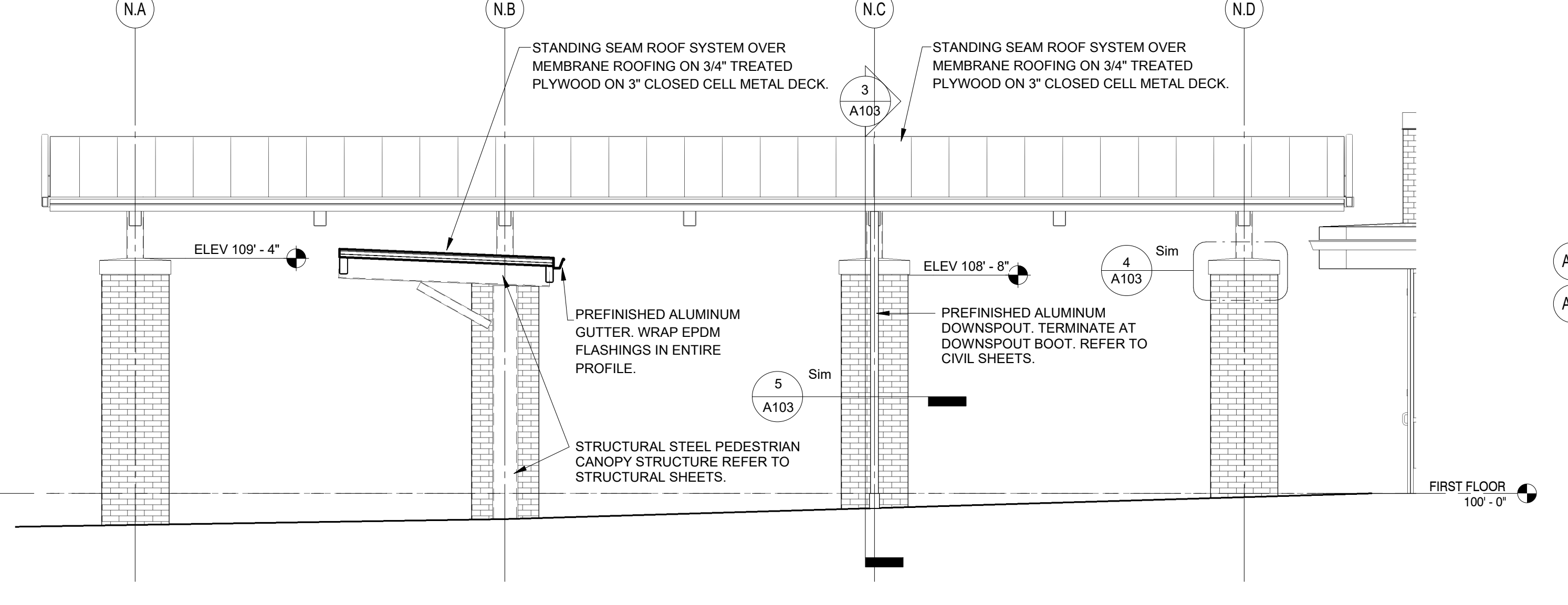
**1 FIRST FLOOR CANOPY**

A103 1/8" = 1'-0"



**3 CANOPY PIER**

A103 3/4" = 1'-0"



**2 ENTRY CANOPY ELEVATION**

A103 1/4" = 1'-0"

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**GIBALTAR**  
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PROJECT:  
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FOR:  
Porter Township

208 S 725 W, Hebron, IN 46341

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PROJECT  
24-142

DATE  
March 5, 2025

COORDINATED BY  
Designer

DRAWN BY  
Author

CHECKED BY  
Checker

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REVISIONS

MARK DATE ISSUED FOR

AD-1 03/14/25 ADDENDUM 1

AD-2 03/21/25 ADDENDUM 2

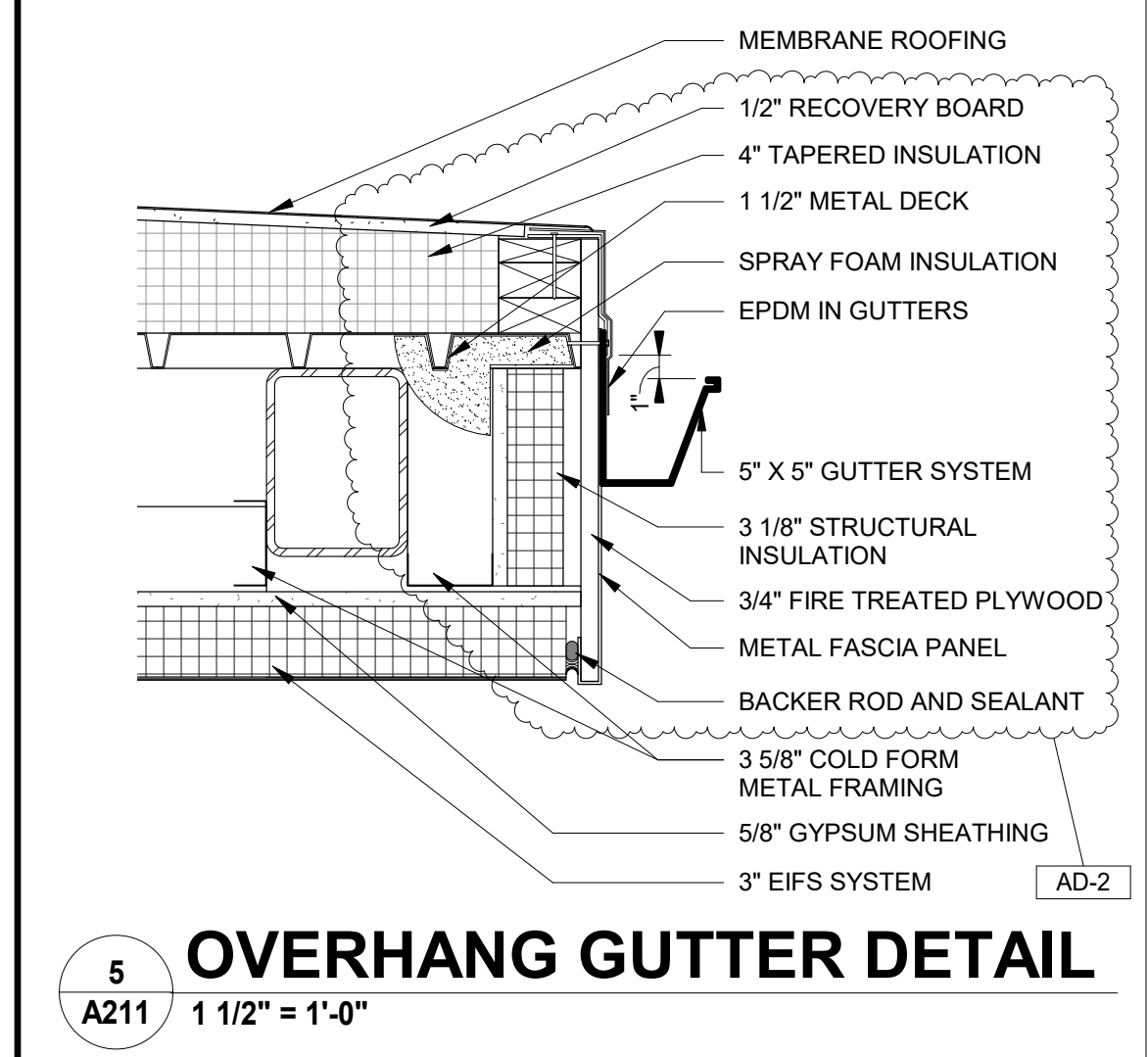
DRAWING  
ROOF DETAILS

PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

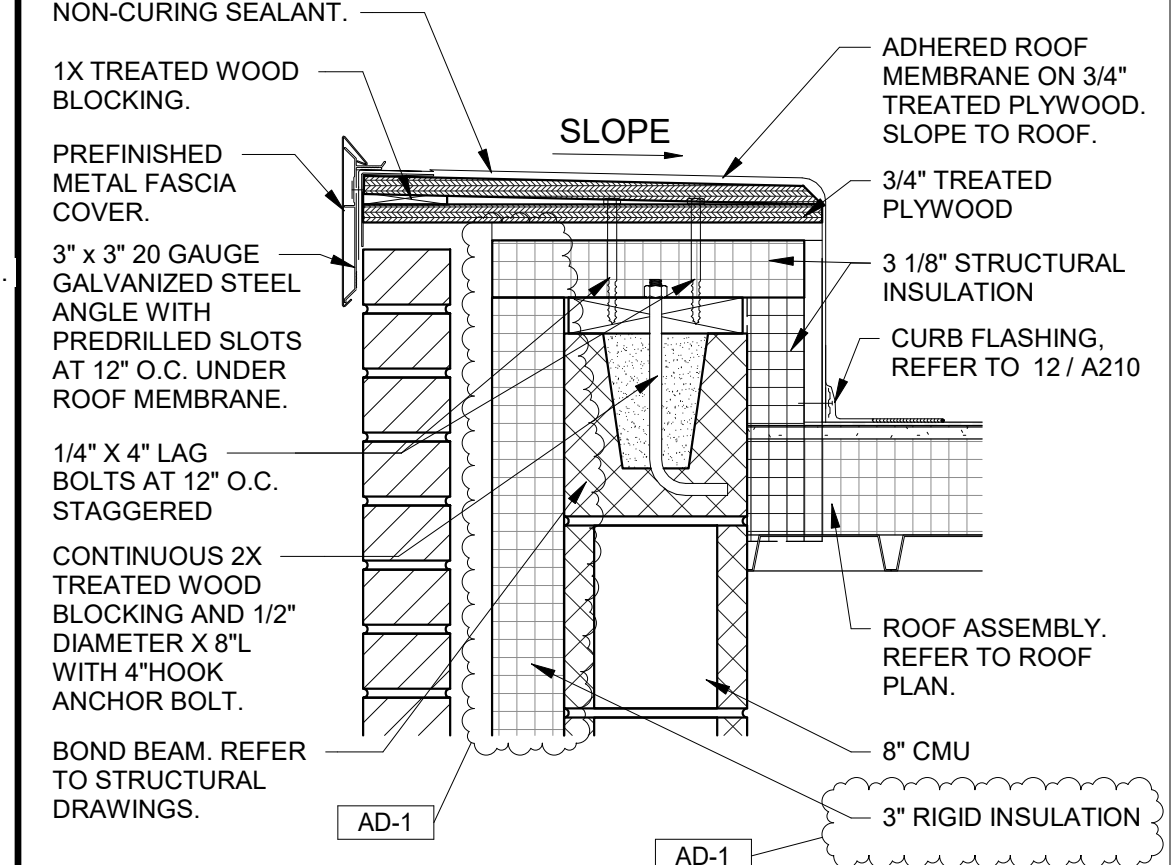
DESIGNER

SHEET

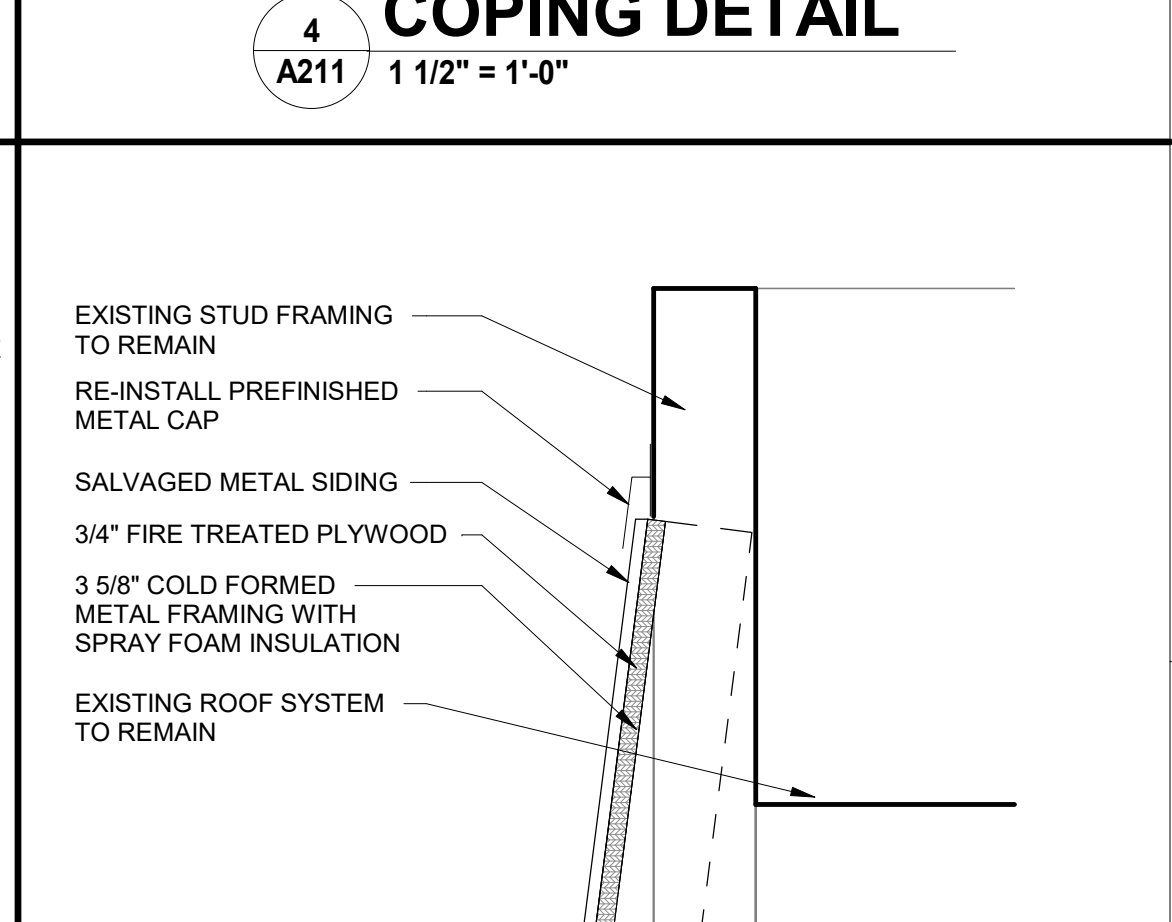
**A211**



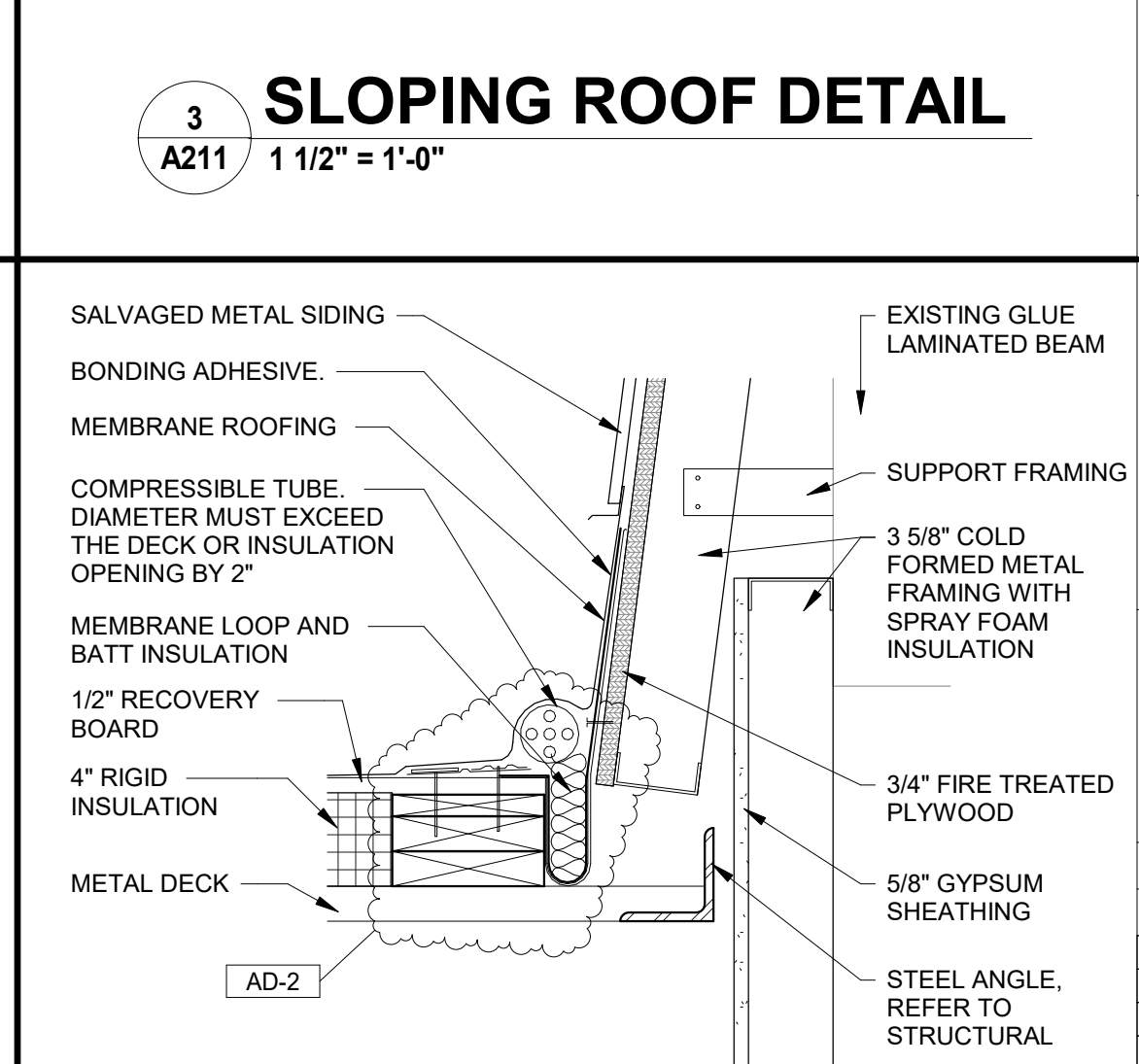
**5 OVERHANG GUTTER DETAIL**  
A211 1 1/2" = 1'-0"



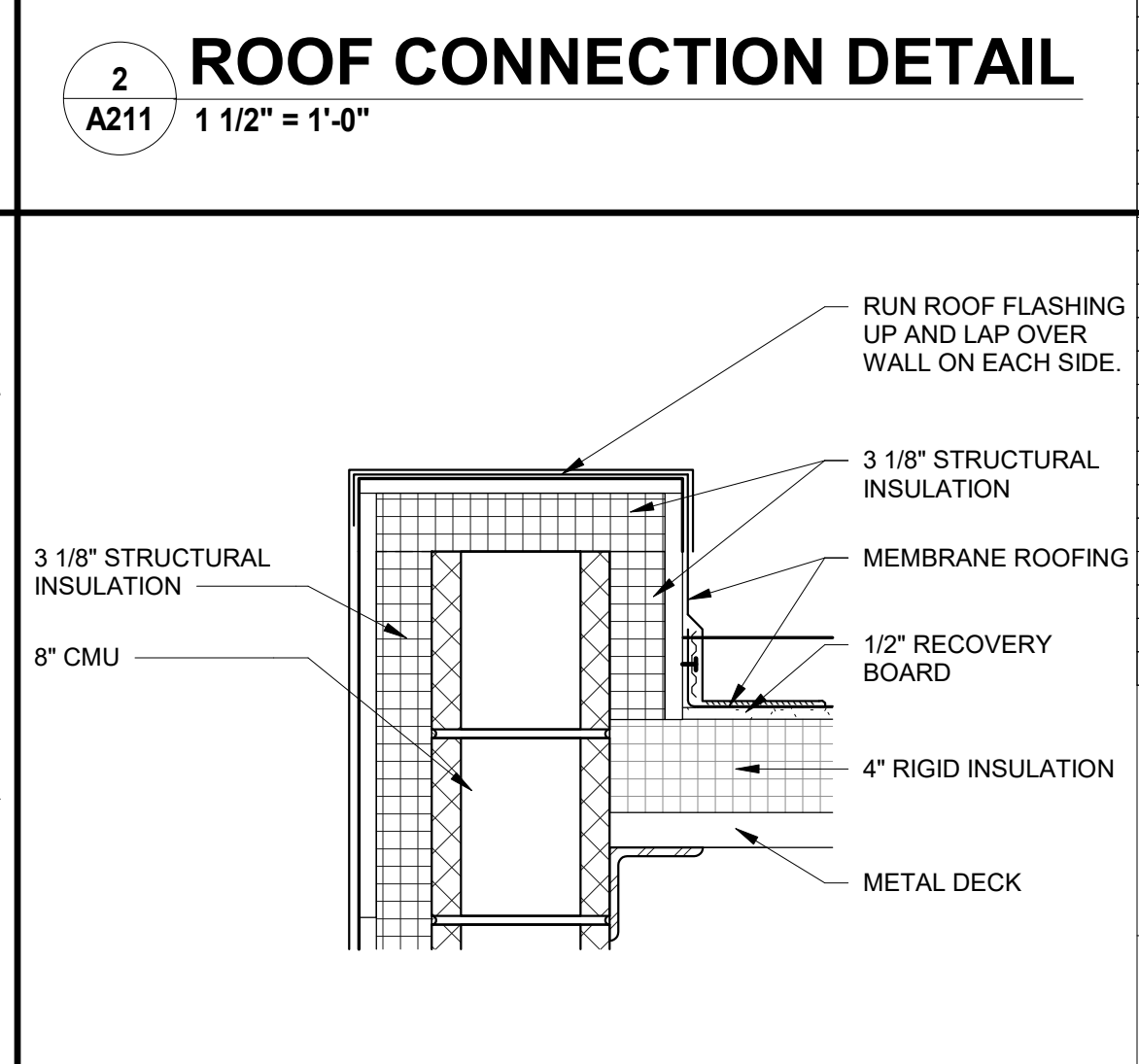
**4 COPING DETAIL**  
A211 1 1/2" = 1'-0"



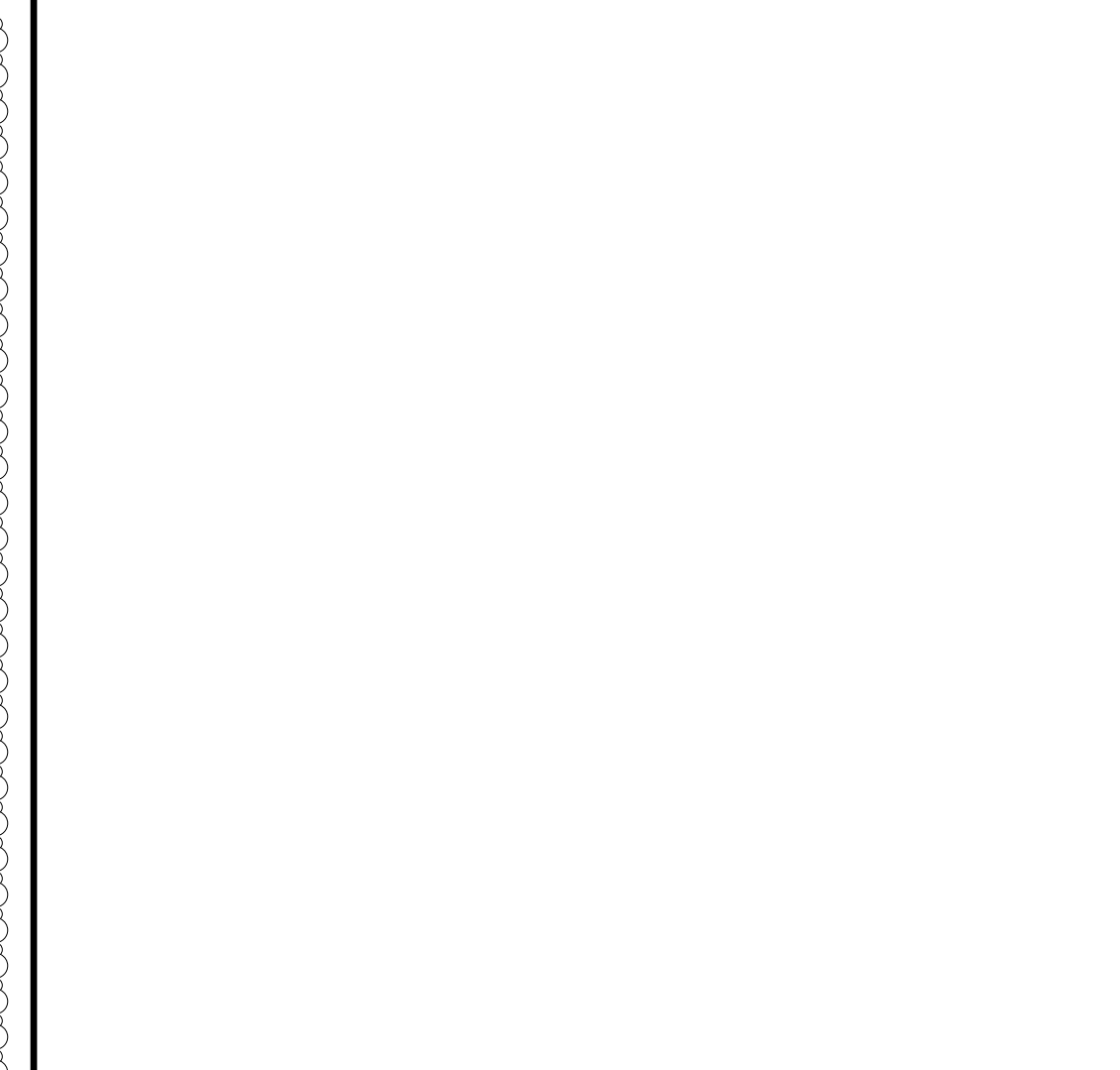
**3 SLOPING ROOF DETAIL**  
A211 1 1/2" = 1'-0"



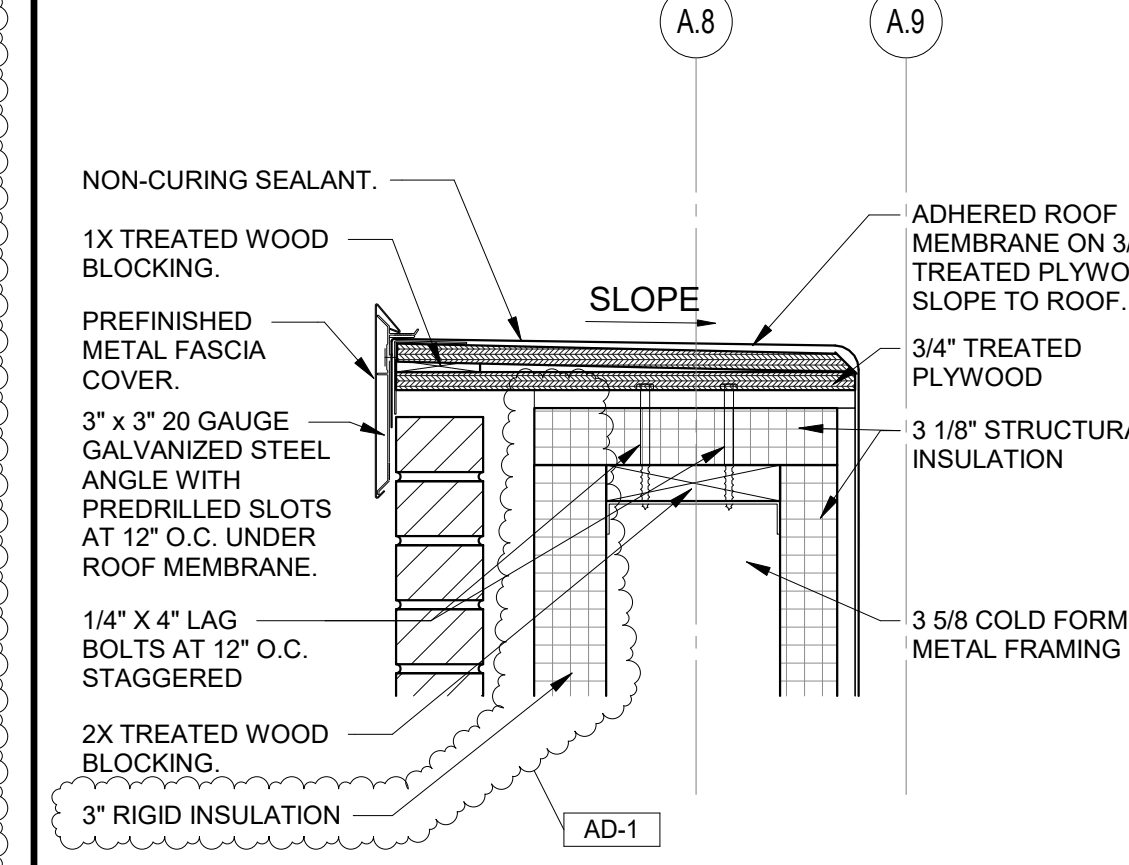
**2 ROOF CONNECTION DETAIL**  
A211 1 1/2" = 1'-0"



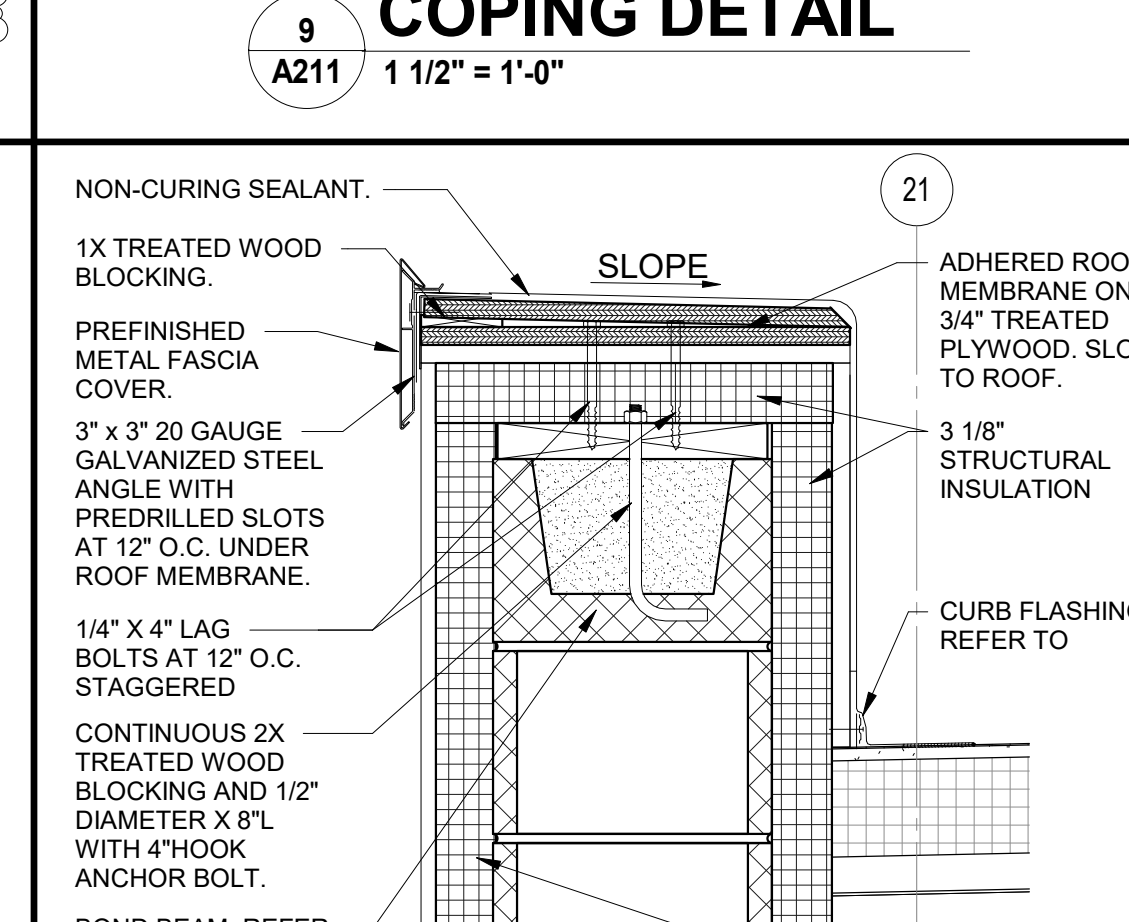
**1 COPING DETAIL**  
A211 1 1/2" = 1'-0"



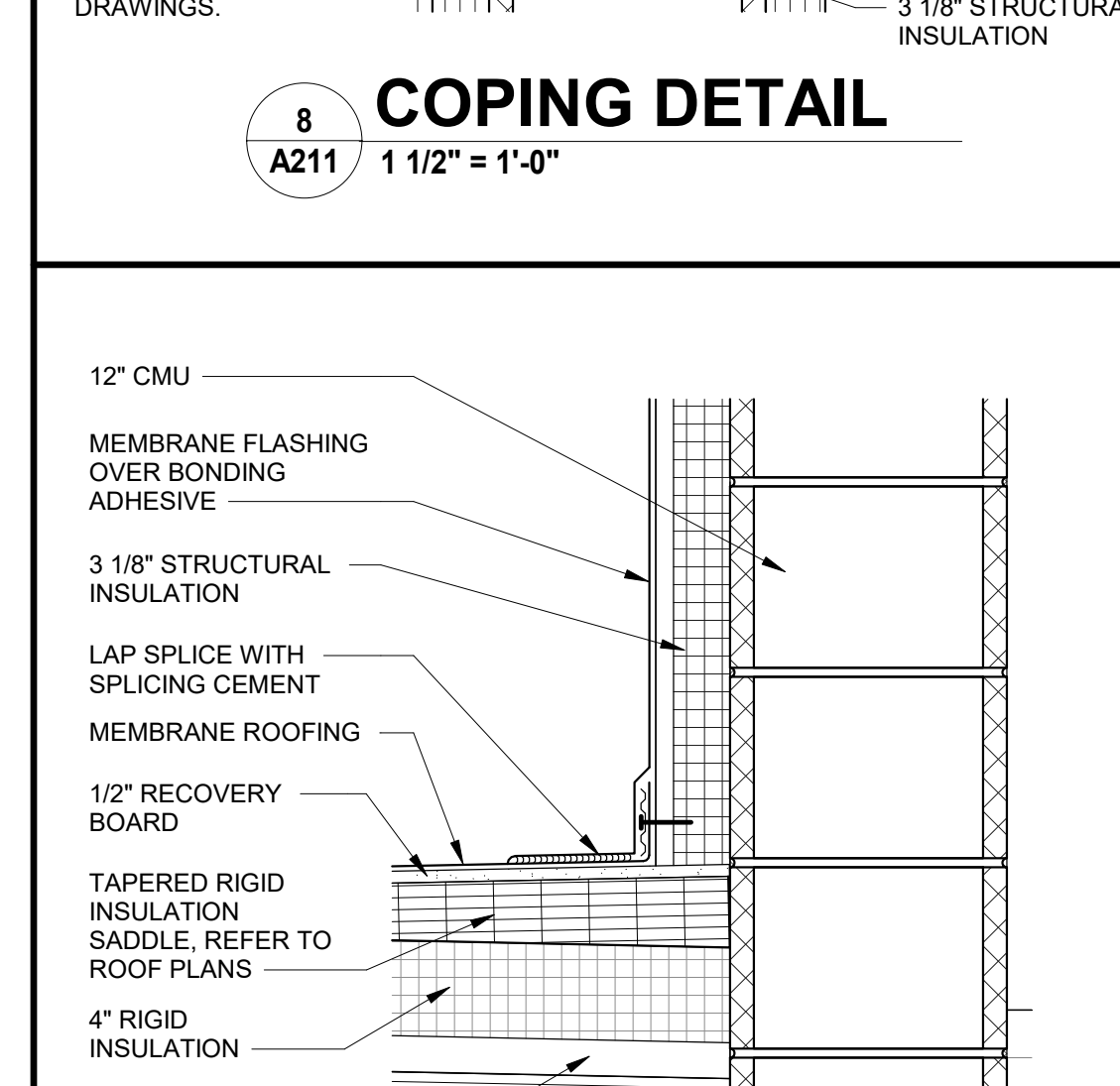
**9 COPING DETAIL**  
A211 1 1/2" = 1'-0"



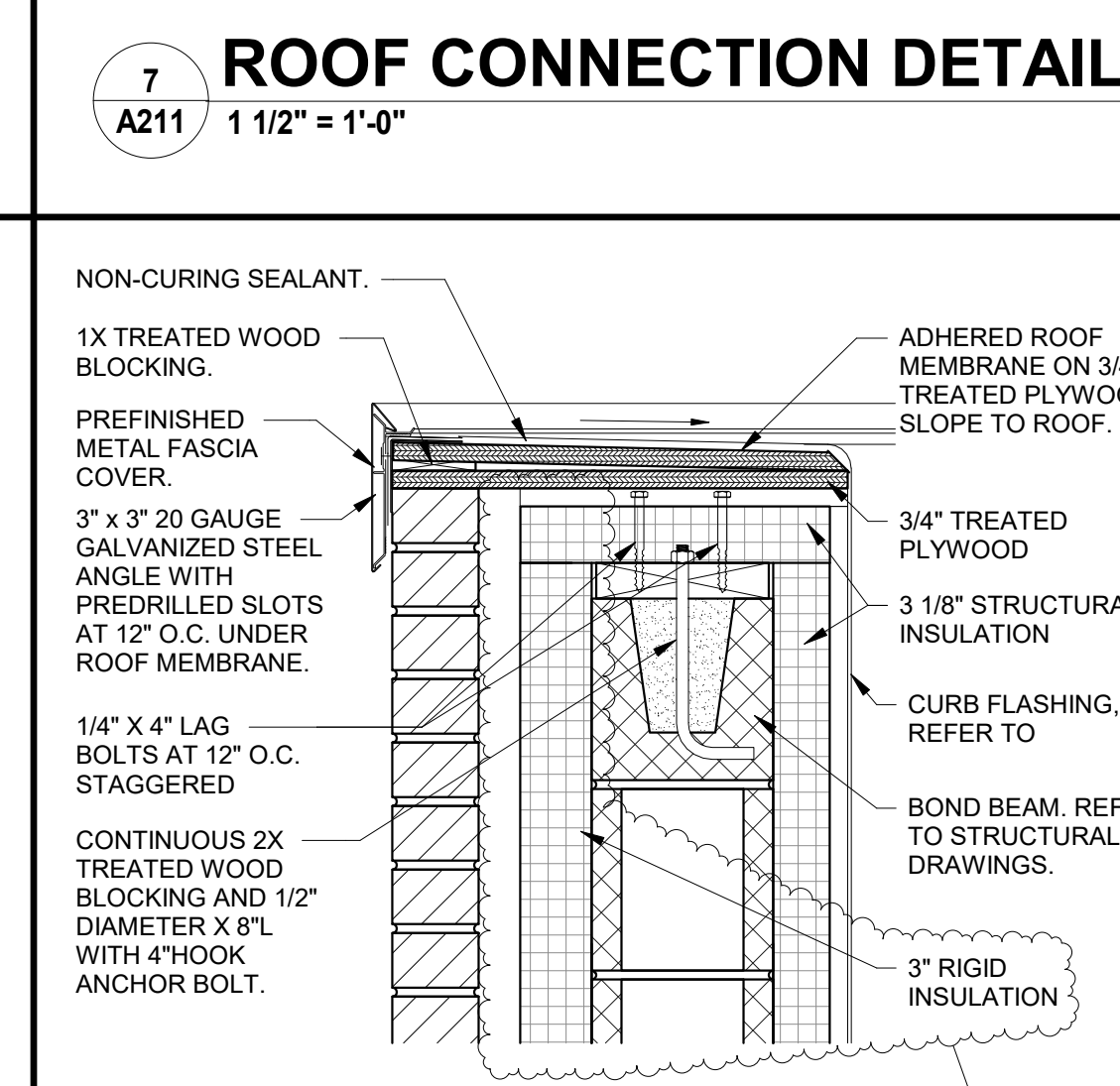
**8 COPING DETAIL**  
A211 1 1/2" = 1'-0"



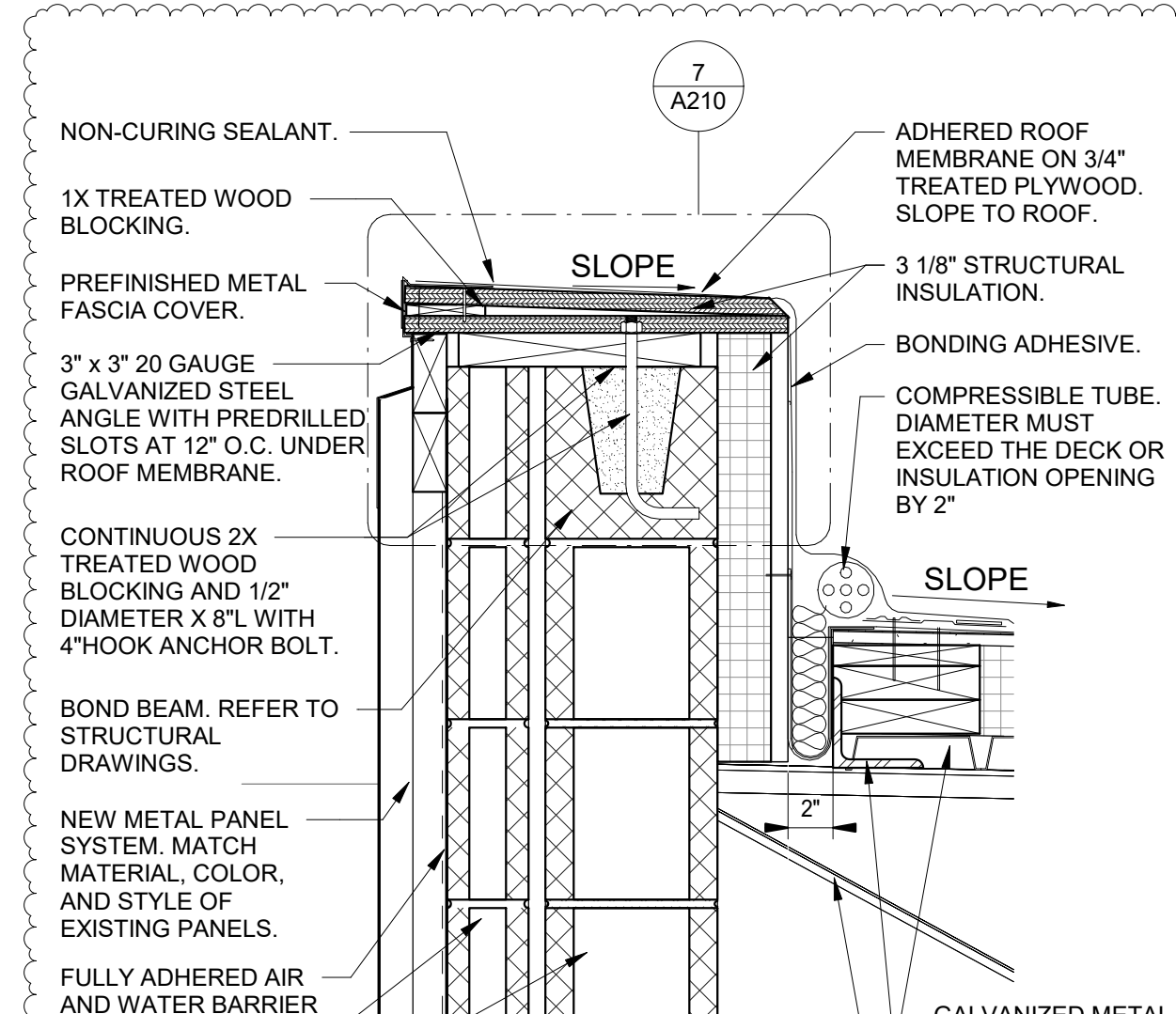
**7 ROOF CONNECTION DETAIL**  
A211 1 1/2" = 1'-0"



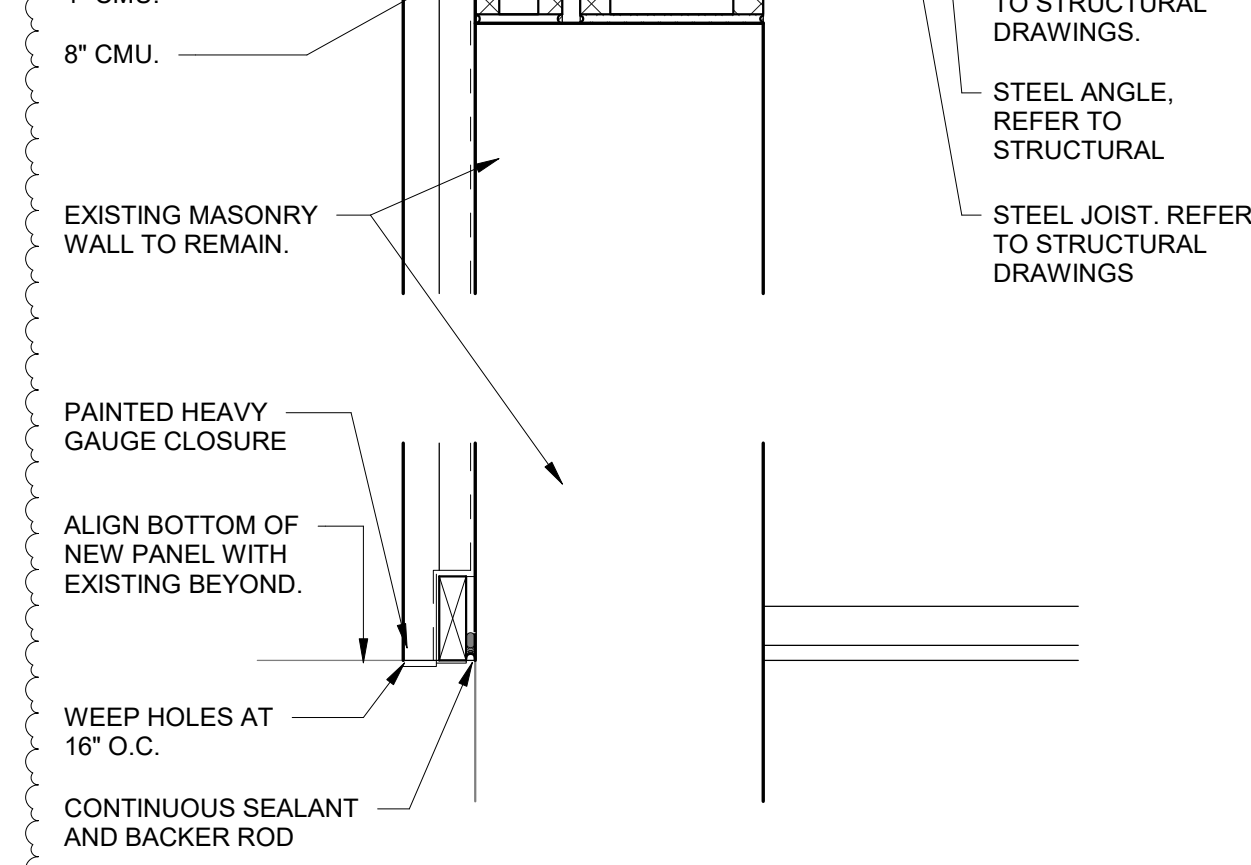
**6 COPING DETAIL**  
A211 1 1/2" = 1'-0"



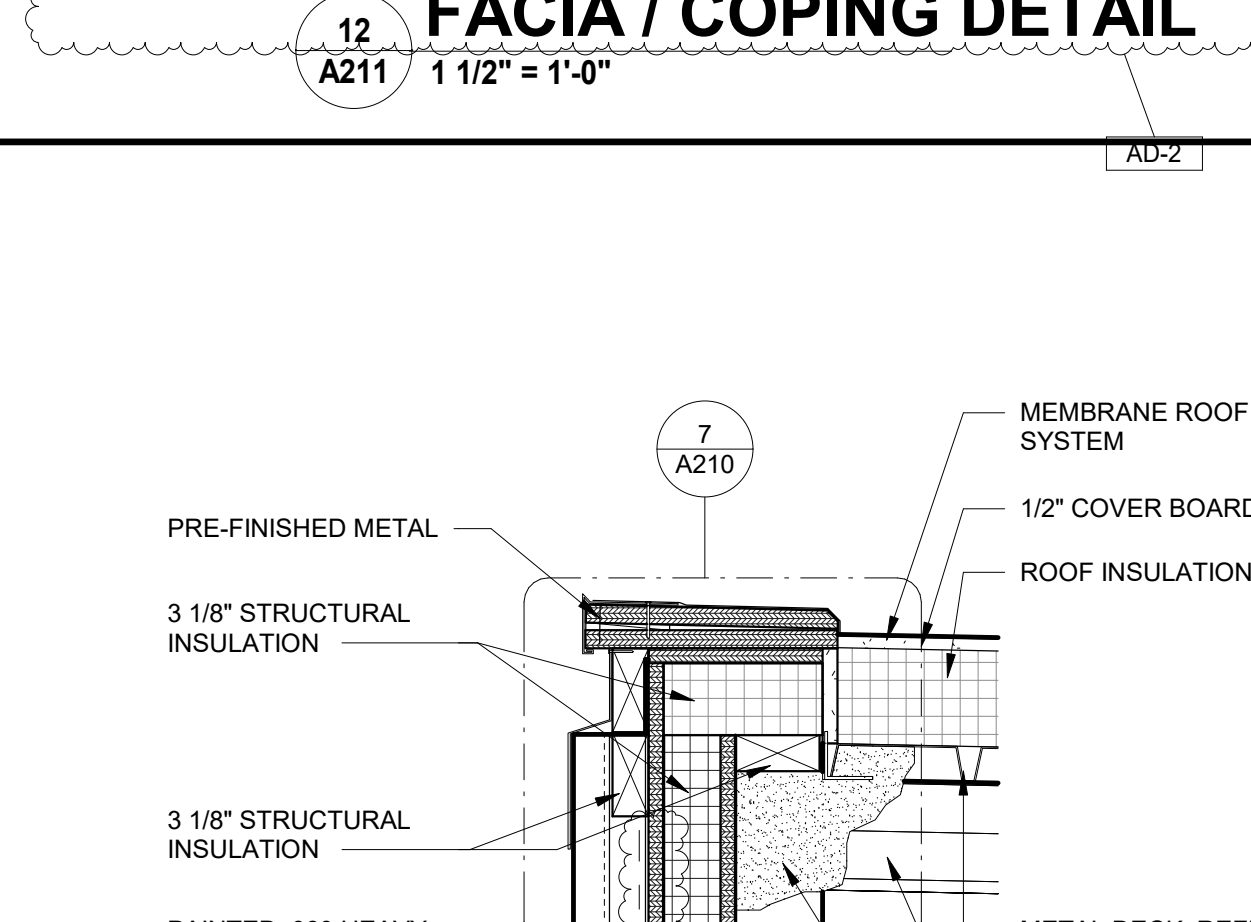
**10 COPING DETAIL**  
A211 1 1/2" = 1'-0"



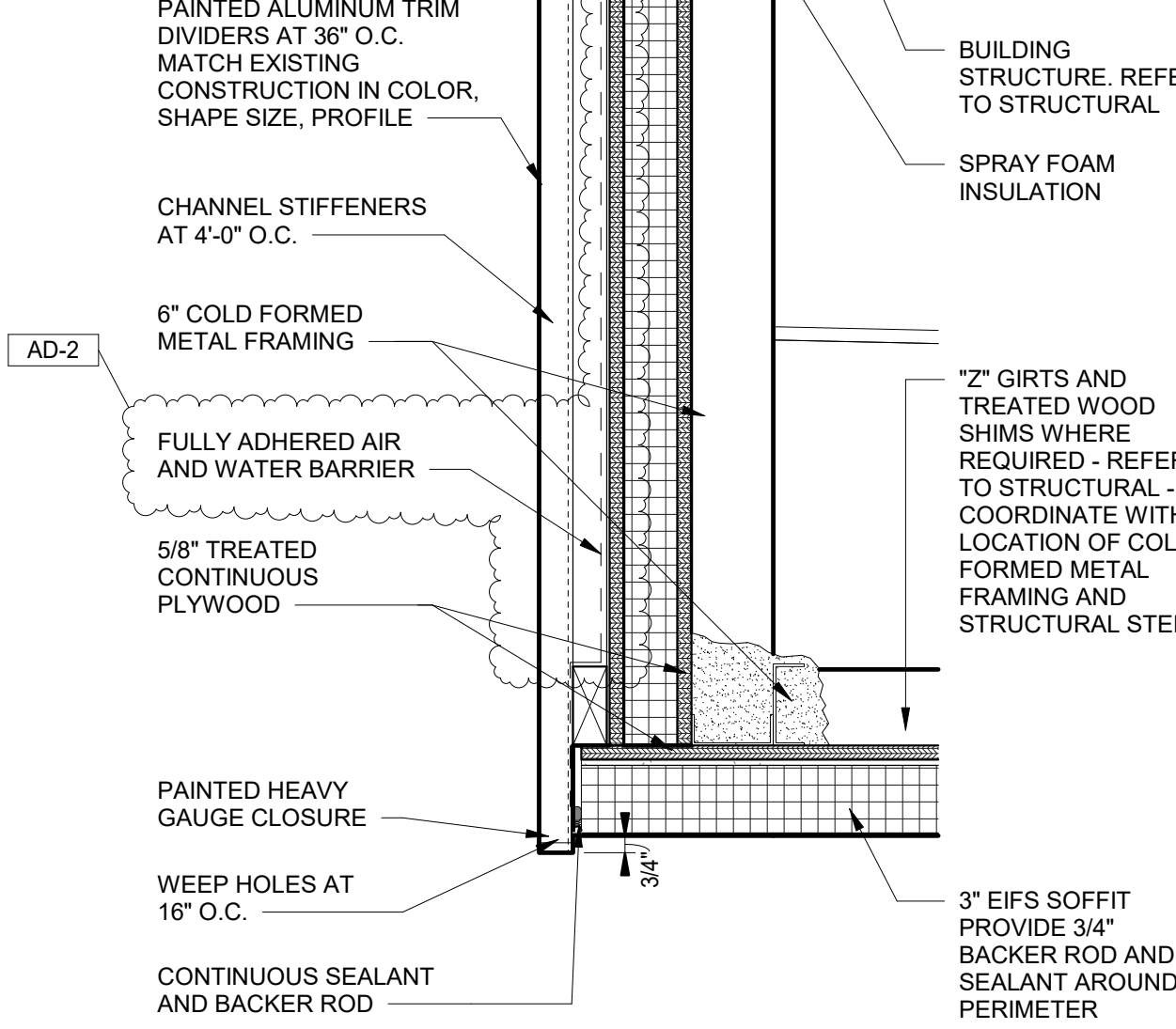
**12 FACIA / COPING DETAIL**  
A211 1 1/2" = 1'-0"



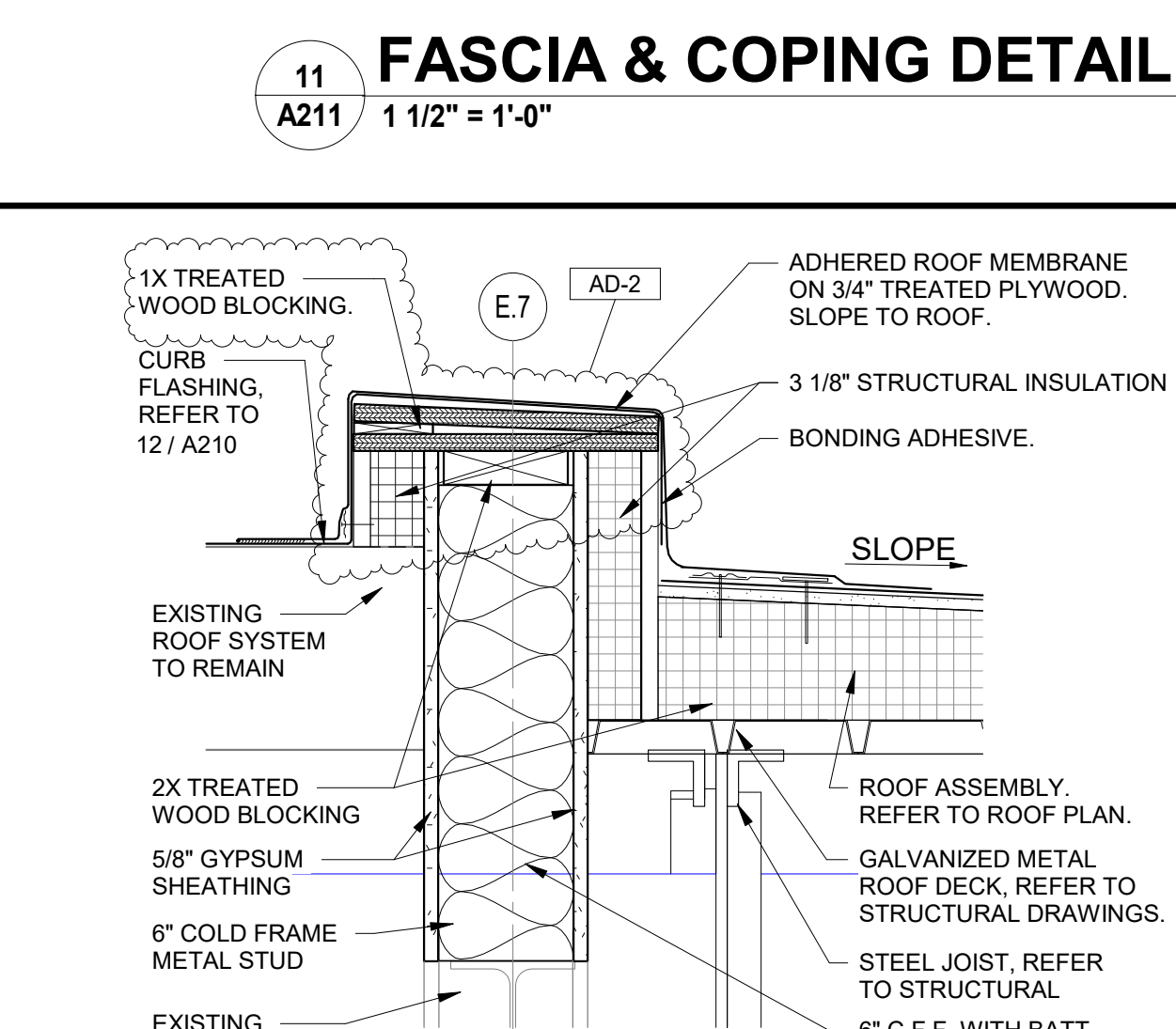
**11 FASCIA & COPING DETAIL**  
A211 1 1/2" = 1'-0"



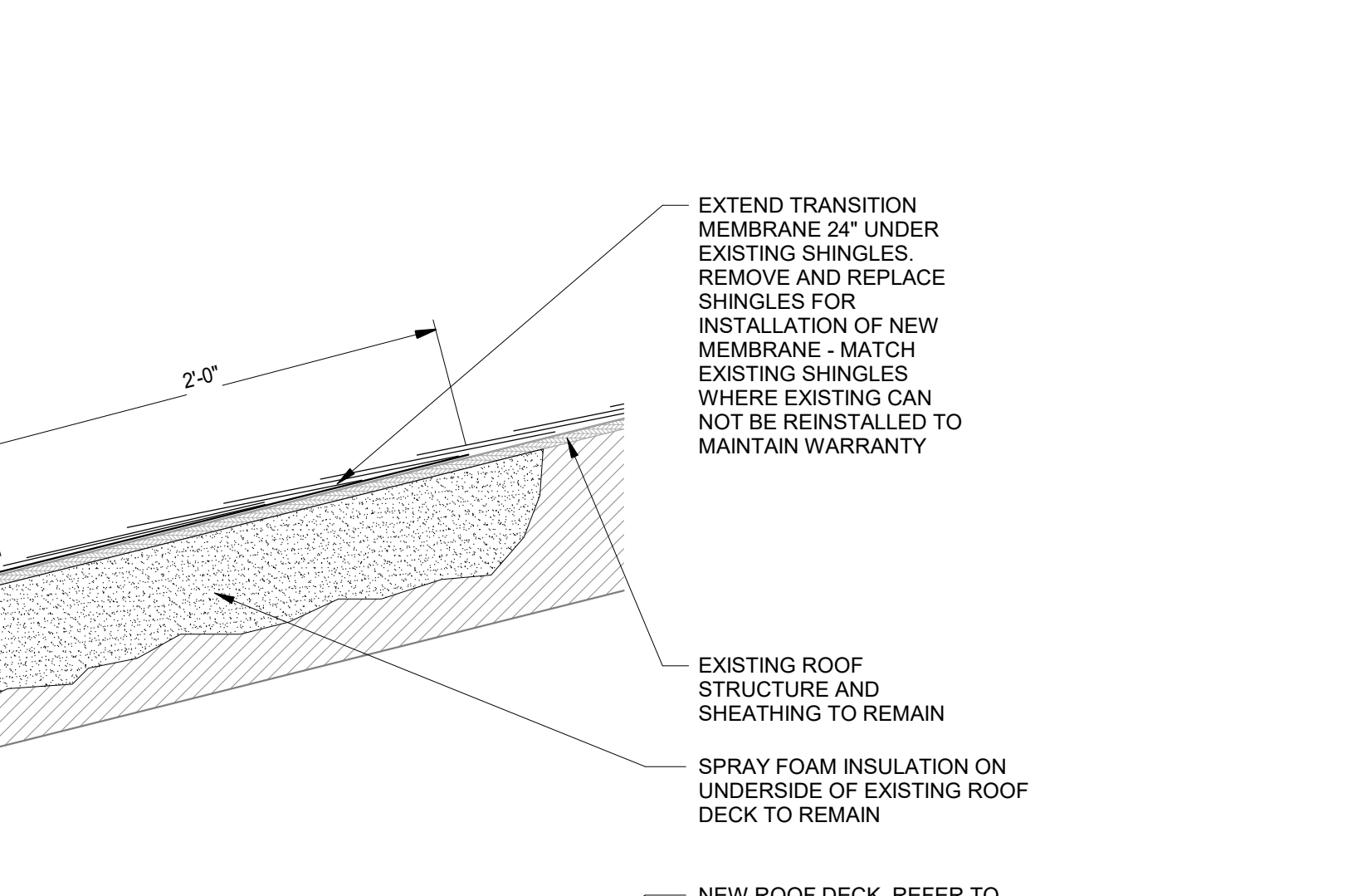
**10 COPING DETAIL**  
A211 1 1/2" = 1'-0"



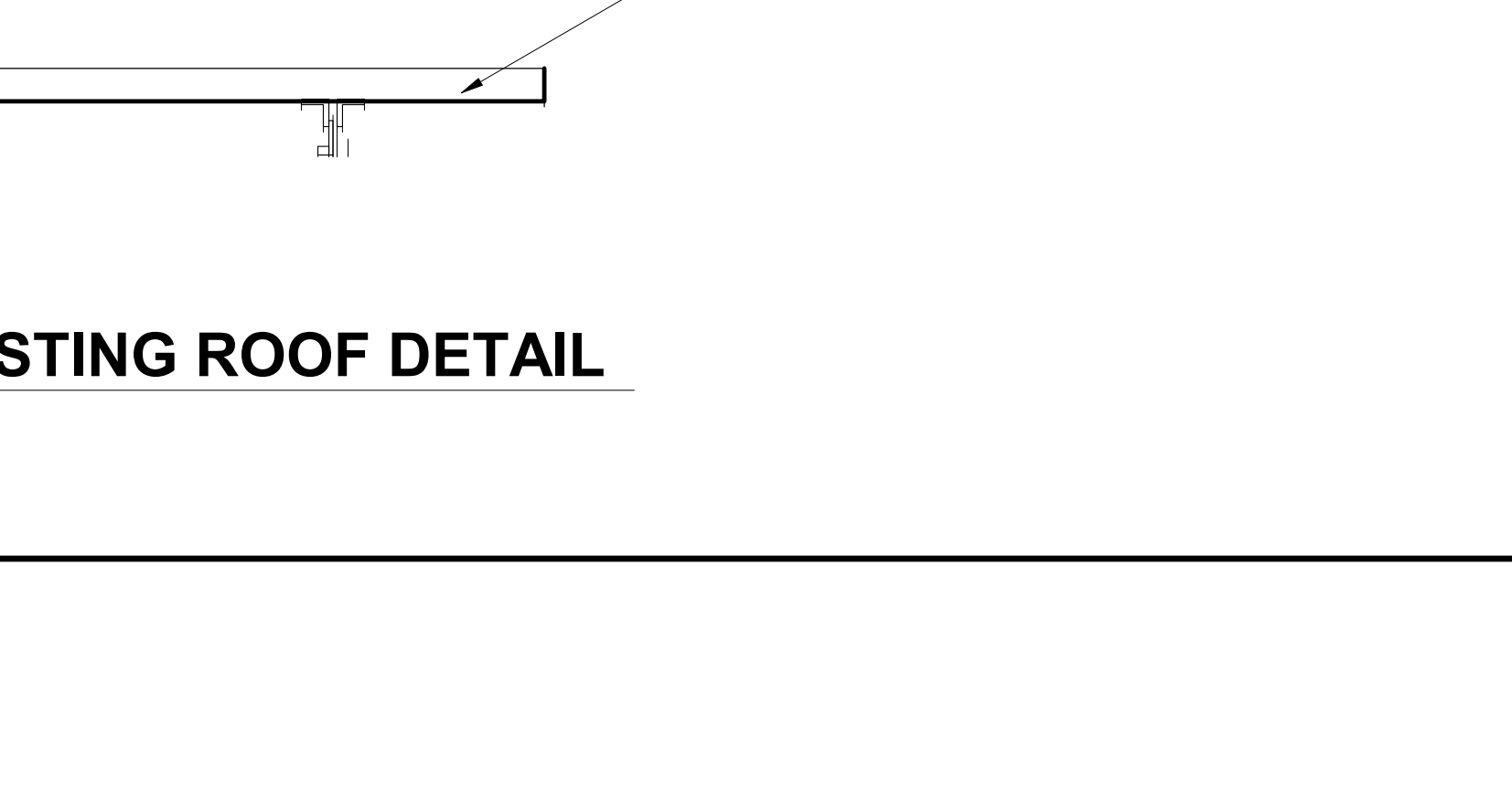
**10 COPING DETAIL**  
A211 1 1/2" = 1'-0"



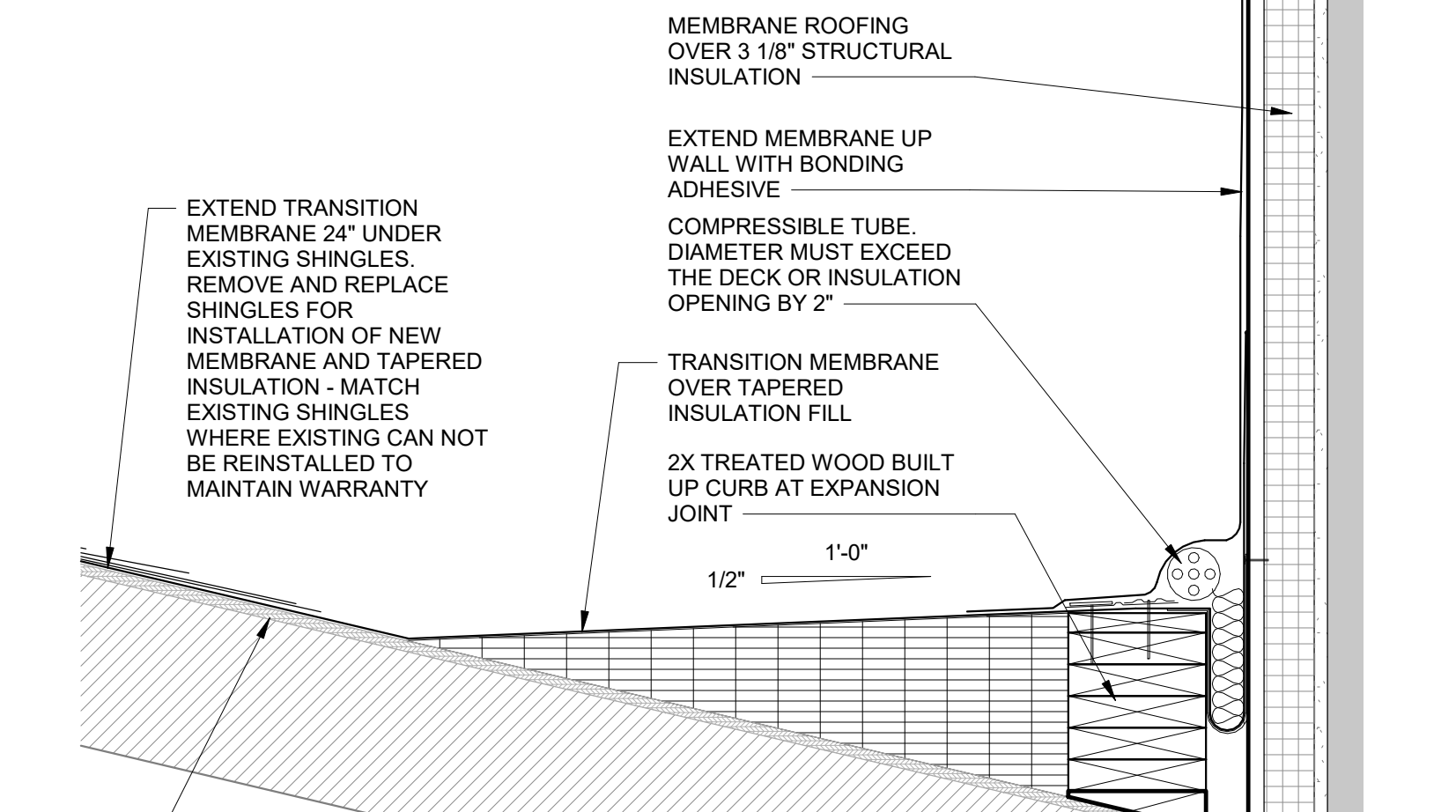
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A211 1 1/2" = 1'-0"



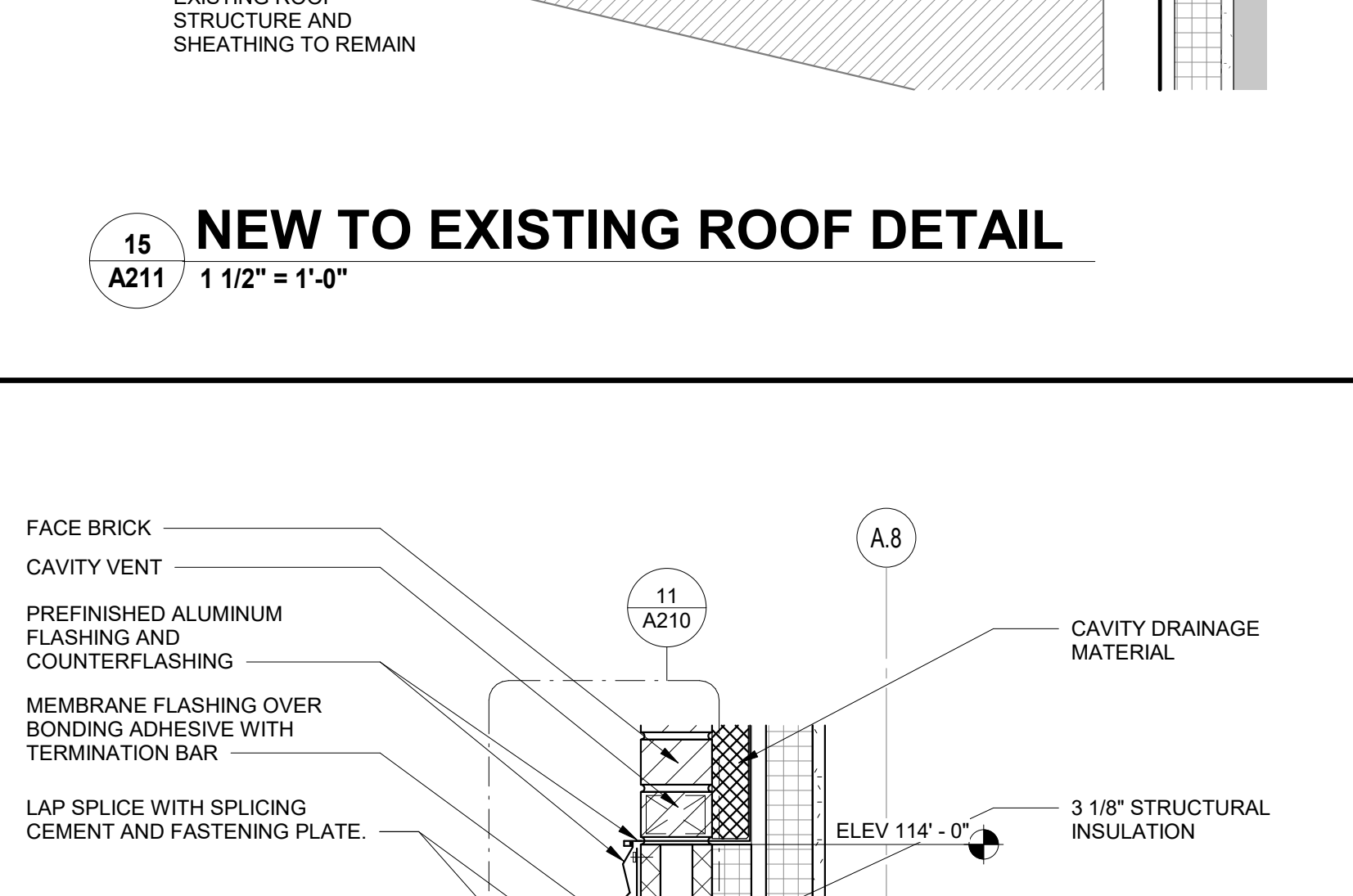
**17 NEW TO EXISTING ROOF DETAIL**  
A211 1 1/2" = 1'-0"



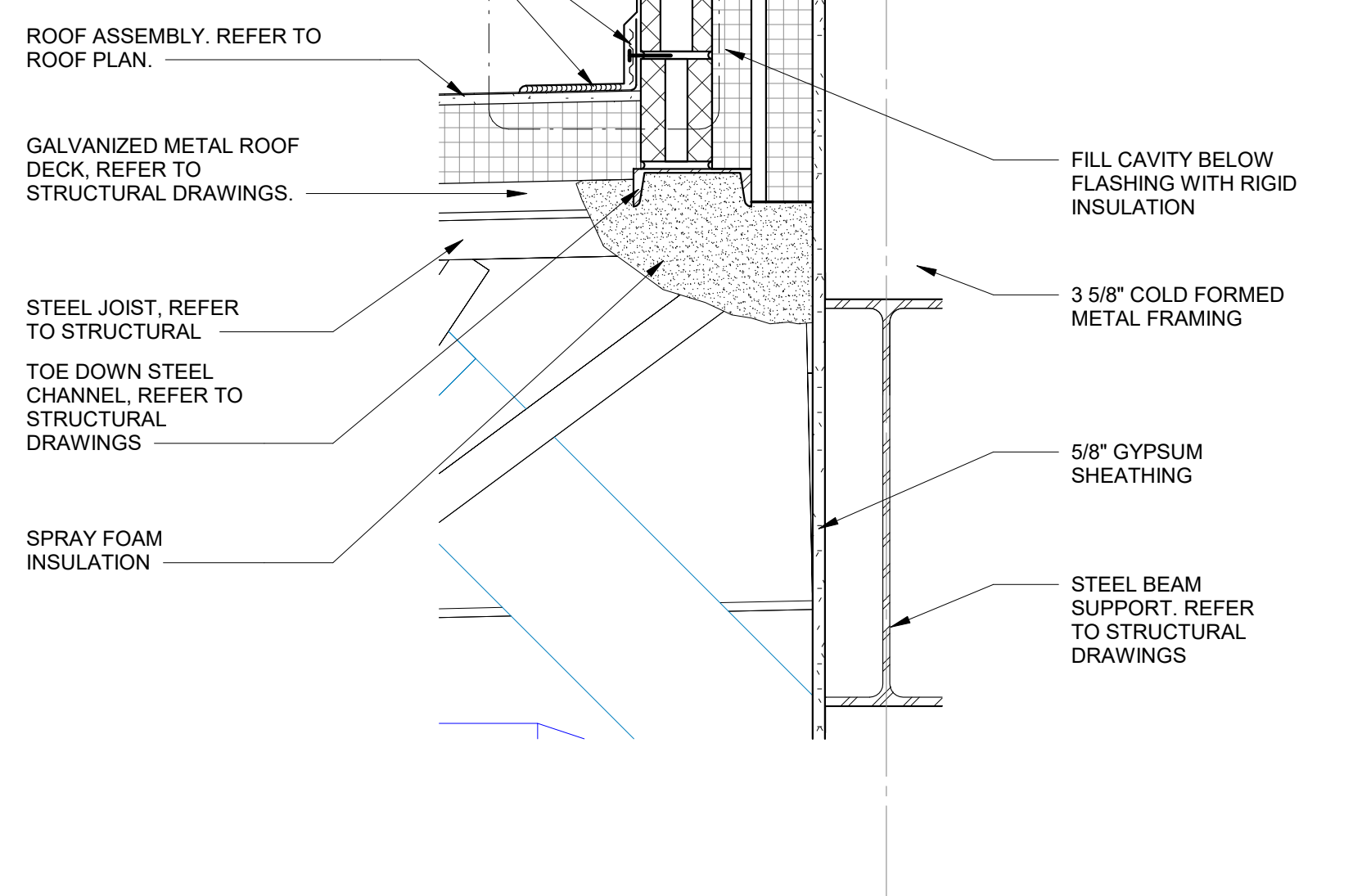
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A211 1 1/2" = 1'-0"



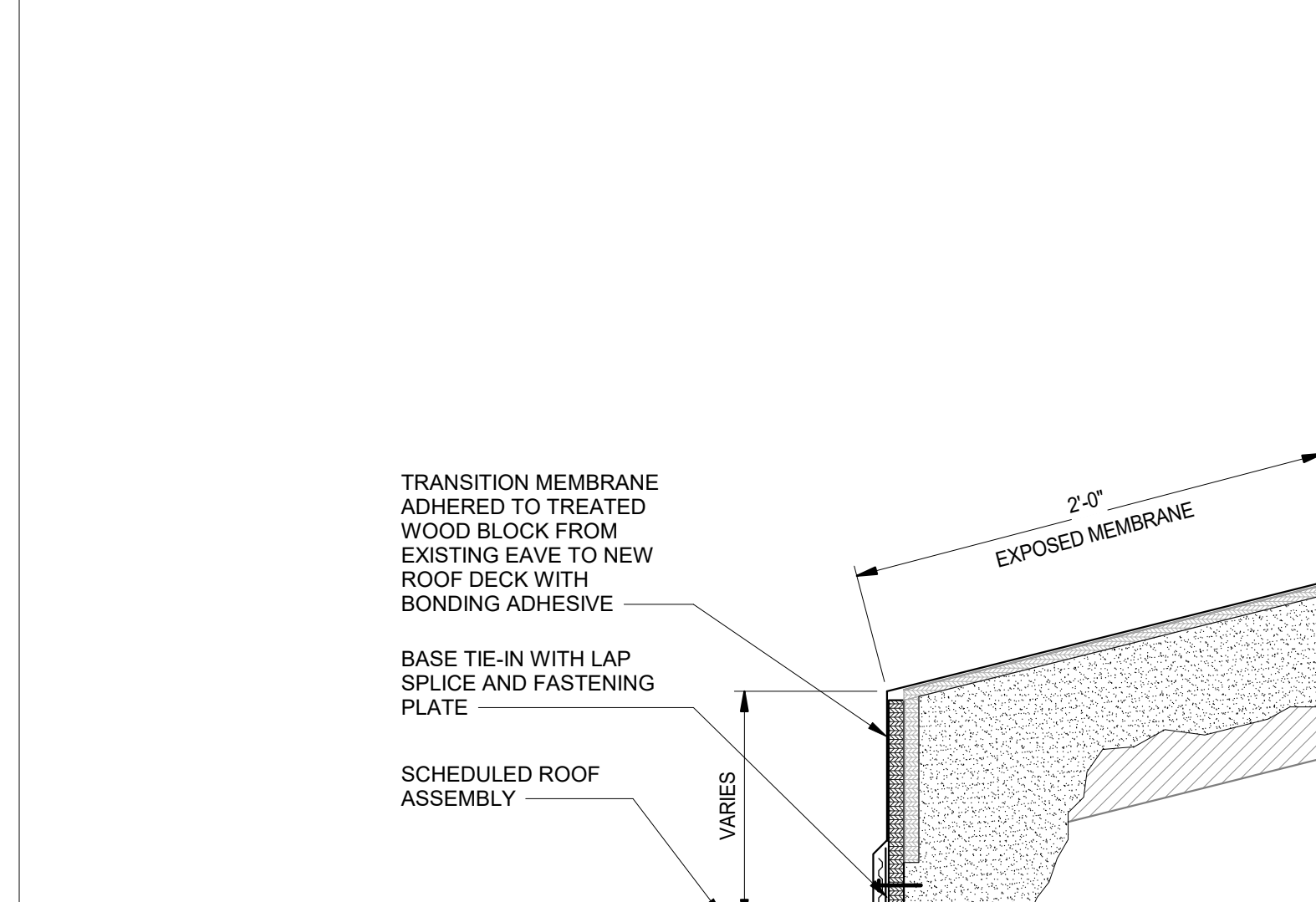
**15 NEW TO EXISTING ROOF DETAIL**  
A211 1 1/2" = 1'-0"



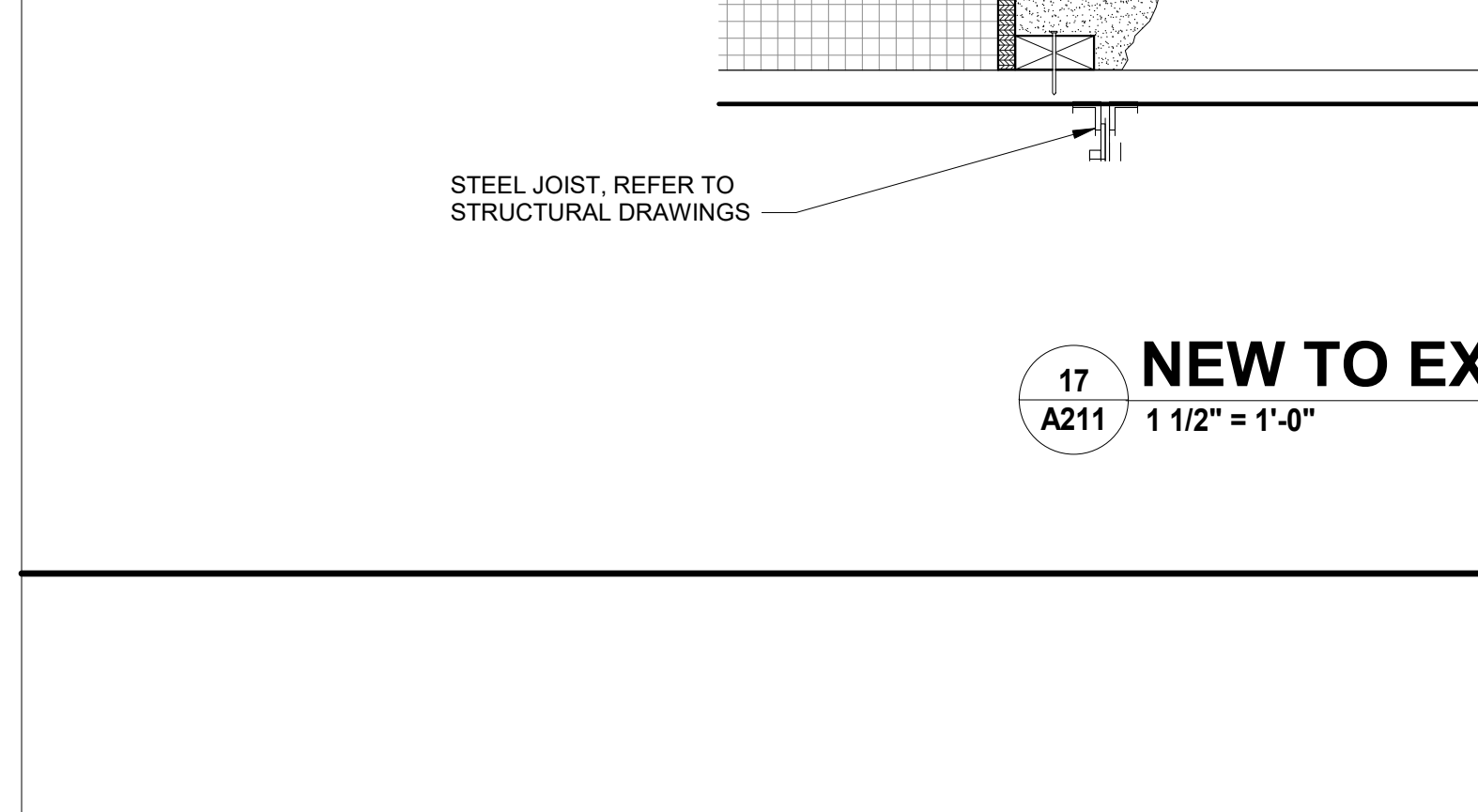
**15 NEW TO EXISTING ROOF DETAIL**  
A211 1 1/2" = 1'-0"



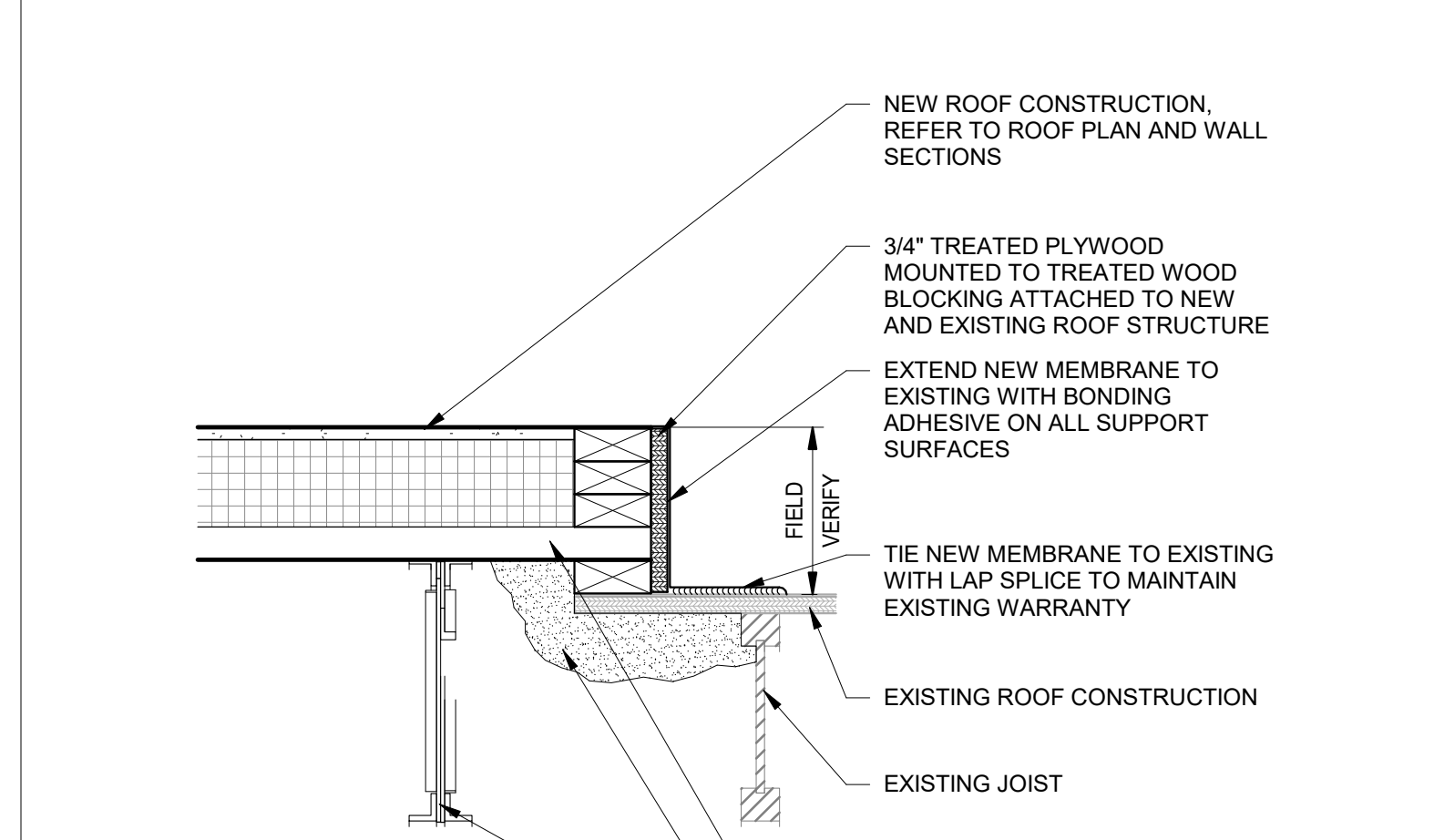
**13 ROOF CONNECTION DETAIL**  
A211 1 1/2" = 1'-0"



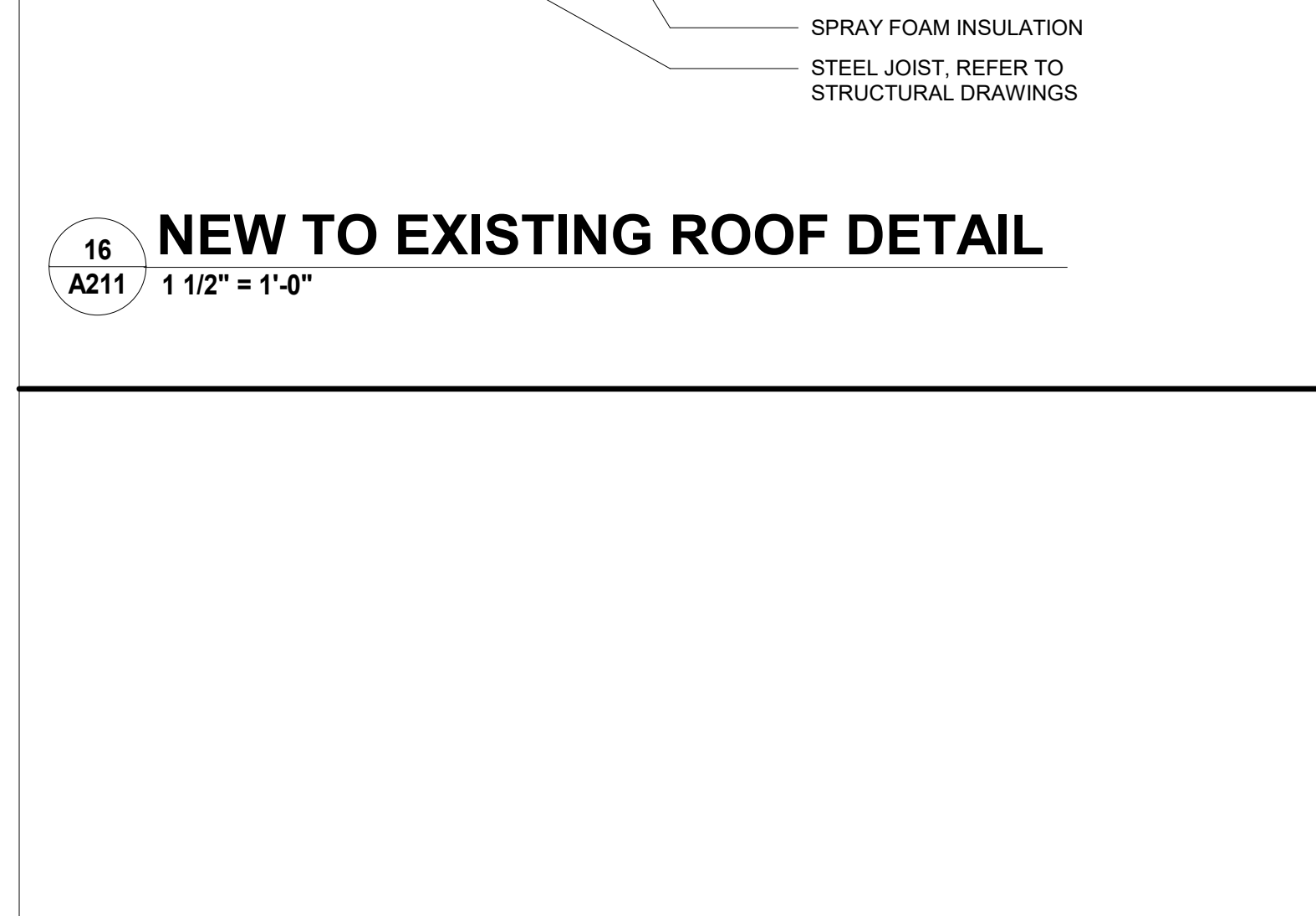
**17 NEW TO EXISTING ROOF DETAIL**  
A211 1 1/2" = 1'-0"



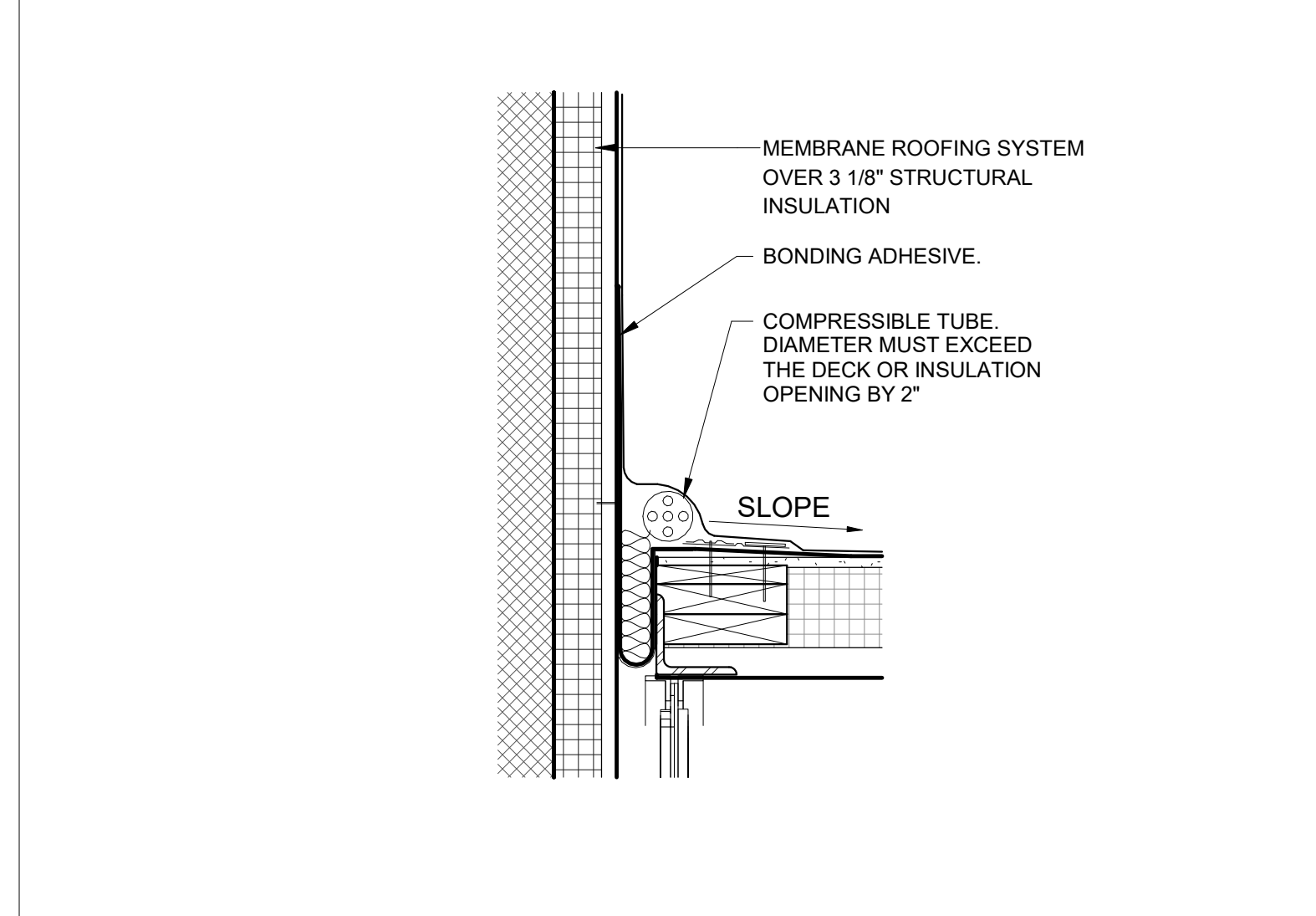
**16 NEW TO EXISTING ROOF DETAIL**  
A211 1 1/2" = 1'-0"



**15 NEW TO EXISTING ROOF DETAIL**  
A211 1 1/2" = 1'-0"



**15 NEW TO EXISTING ROOF DETAIL**  
A211 1 1/2" = 1'-0"



**14 ROOF TO HIGH WALL EXPANSION JOINT**  
A211 1 1/2" = 1'-0"

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**GIBALTAR**  
DESIGN  
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

**Porter Lakes Elementary School Addition, Renovations and Related Work**

FOR:  
Porter Township

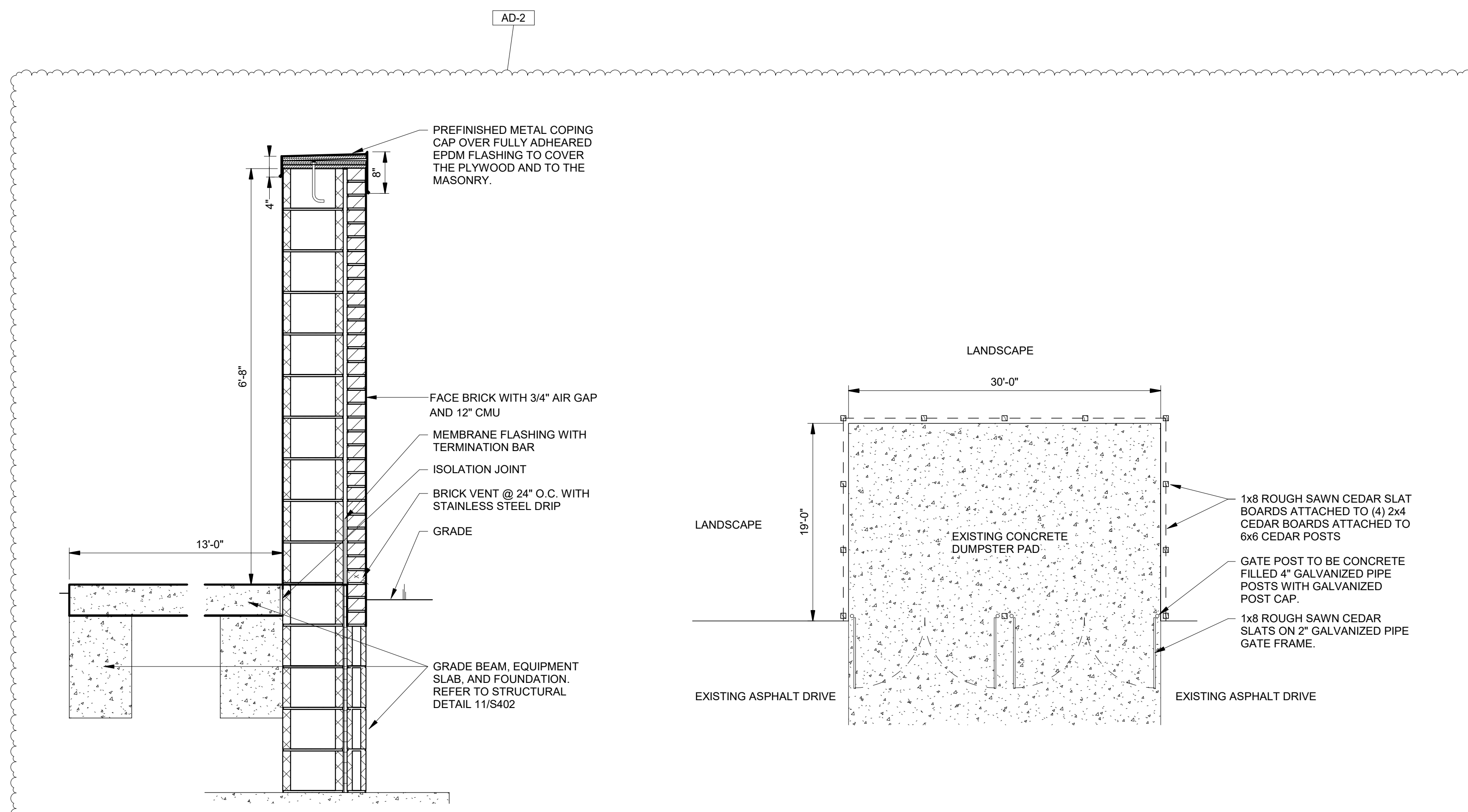
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**GENERAL ELEVATION NOTES**

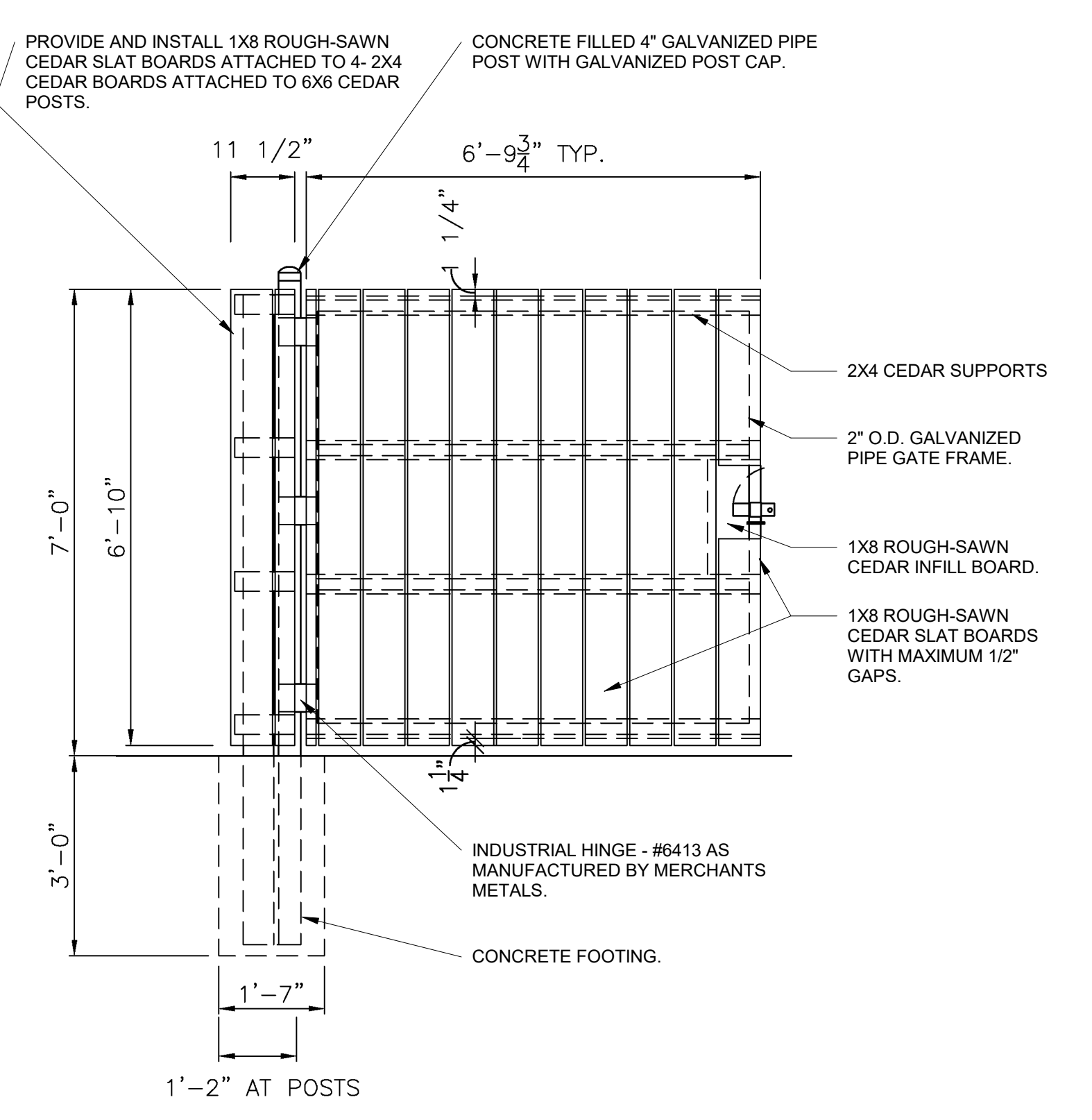
- A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.
- B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.
- C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
- D. ALL NEW FACE BRICK SHALL BE 1/3 RUNNING BOND TO MATCH EXISTING.
- E. FINISH GRADE INDICATES ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.
- F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.
- G. (CJ) INDICATES CONTROL JOINT. REFER TO DETAIL 11A-110

**ELEVATION KEYNOTES**

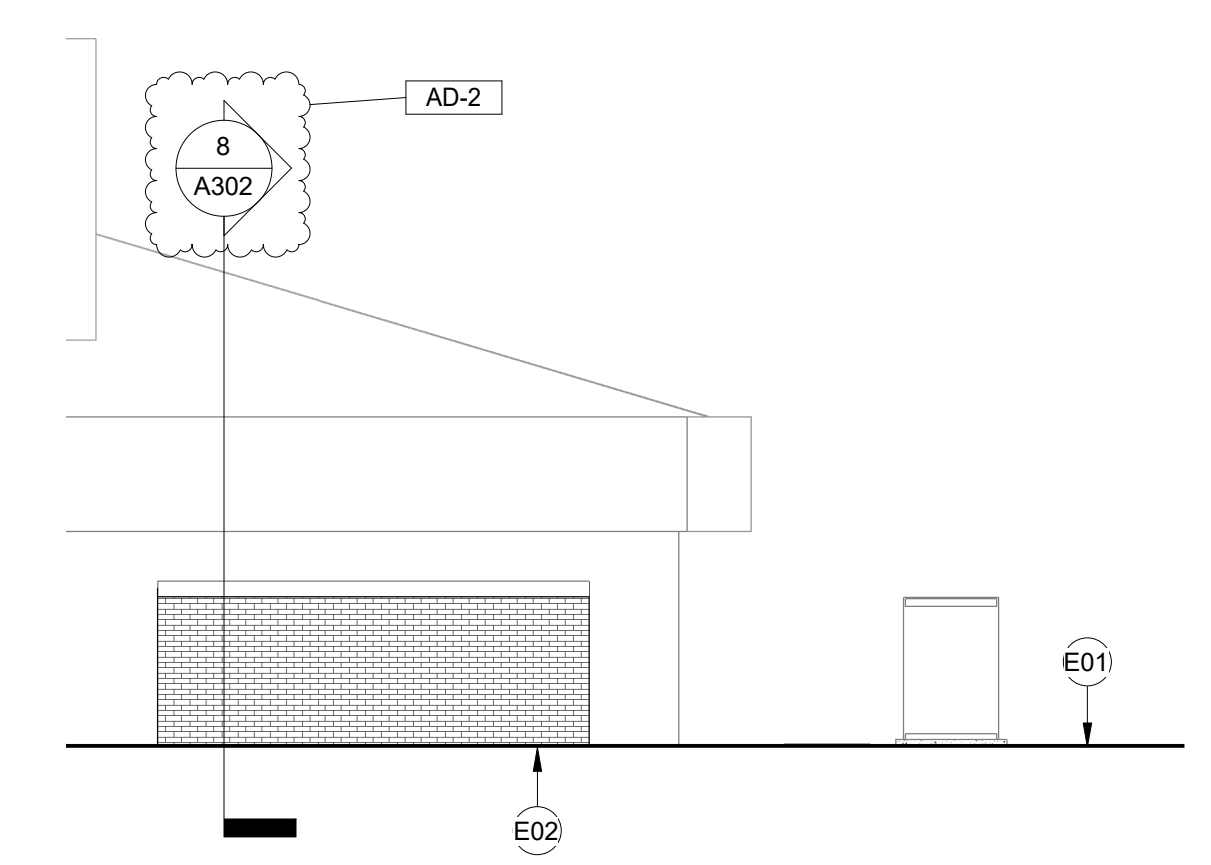
- E01 APPROXIMATE FINISH GRADE. REFER TO CIVIL DRAWINGS
- E02 FACE BRICK (TYPE 1) 1/3 BOND - COLOR A
- E03 CUT STONE SILL
- E04 METAL FASCIA PANEL (COLOR B) .063 METAL
- E05 COPING (COLOR A)
- E06 EXISTING METAL FASCIA TO REMAIN
- E07 ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS WHERE APPLICABLE
- E08 ALUMINUM STOREFRONT SYSTEM WITH OPERABLE LITES AND INSULATED METAL PANEL INSERTS WHERE APPLICABLE
- E09 EXISTING ALUMINUM WINDOWS TO REMAIN
- E10 EXISTING FACE BRICK TO REMAIN
- E11 NEW ALUMINUM GUARDRAIL/HANDRAIL. REFER TO A-302.
- E13 EIFS WALL SYSTEM. REFER TO SECTIONS.
- E14 CEMENTITIOUS WALL PANEL AND BATTENS @ 11" OC.
- E15 SPACE METAL PANEL FASCIA EVENLY EACH LOCATION. TYPICAL CENTER TO CENTER SPACING = 36"
- E16 PAINTED ALUMINUM TRIM DIVIDER @ 36" OC. SPACE EVENLY EACH LOCATION. ALIGN WITH METAL PANEL SEAM.
- E17 2" EXPANSION JOINT BEYOND. REFER TO PLANS AND ENLARGED DETAILS.
- E18 PREFINISHED ALUMINUM GUTTER.
- E19 PREFINISHED ALUMINUM DOWNSPOUT. SPILL TO SPLASHBLOCK AT GRADE.
- E20 PREFINISHED ALUMINUM DOWNSPOUT TO CAST IRON BOOT AT GRADE. REFER TO CIVIL SHEETS.
- E21 CUT STONE HEADER.
- E22 BRICK INSET 3/8"
- E23 TOOTH IN SALVAGED BRICK INTO EXISTING BRICK TO FORM A VERTICAL CONTROL JOINT. START WITH NEW BRICK NORTH OF THE CONTROL JOINT.



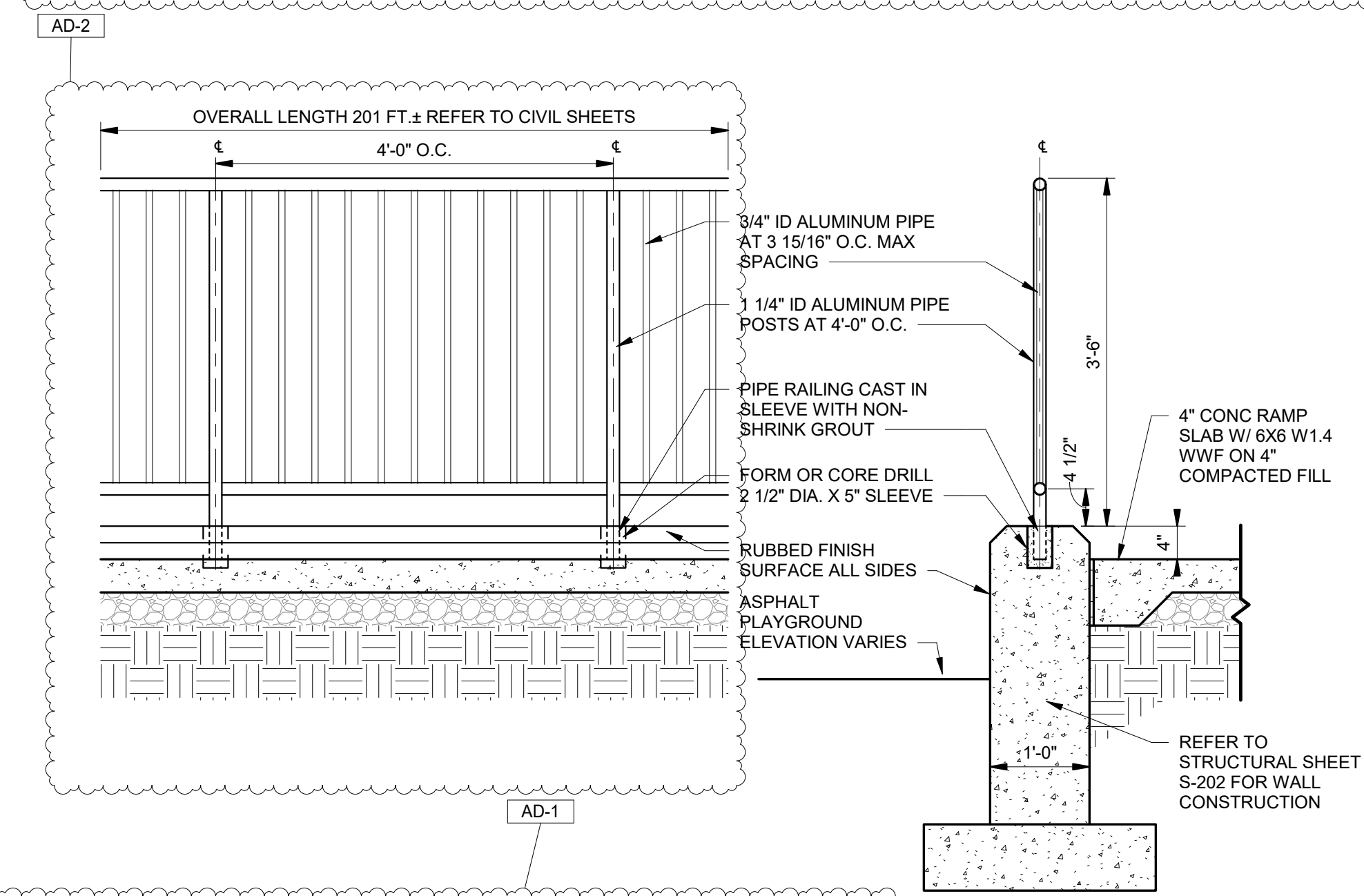
**8 ALTERNATE BID - GENERATOR SCREEN WALL AND PAD SECTION**  
3/4" = 1'-0"



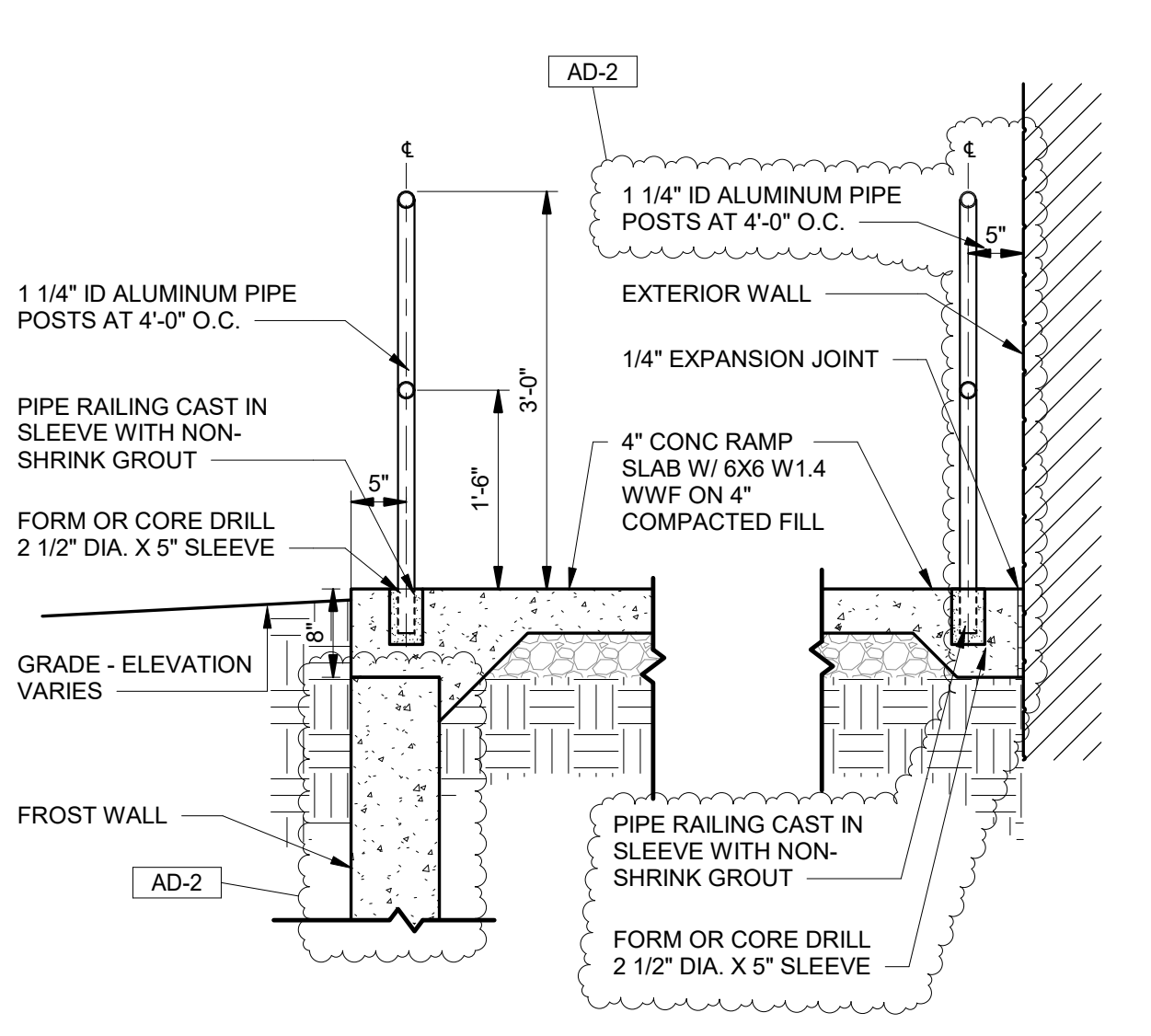
**6 POST/GATE DETAIL AT DUMPSTER PAD**  
1 1/2" = 1'-0"



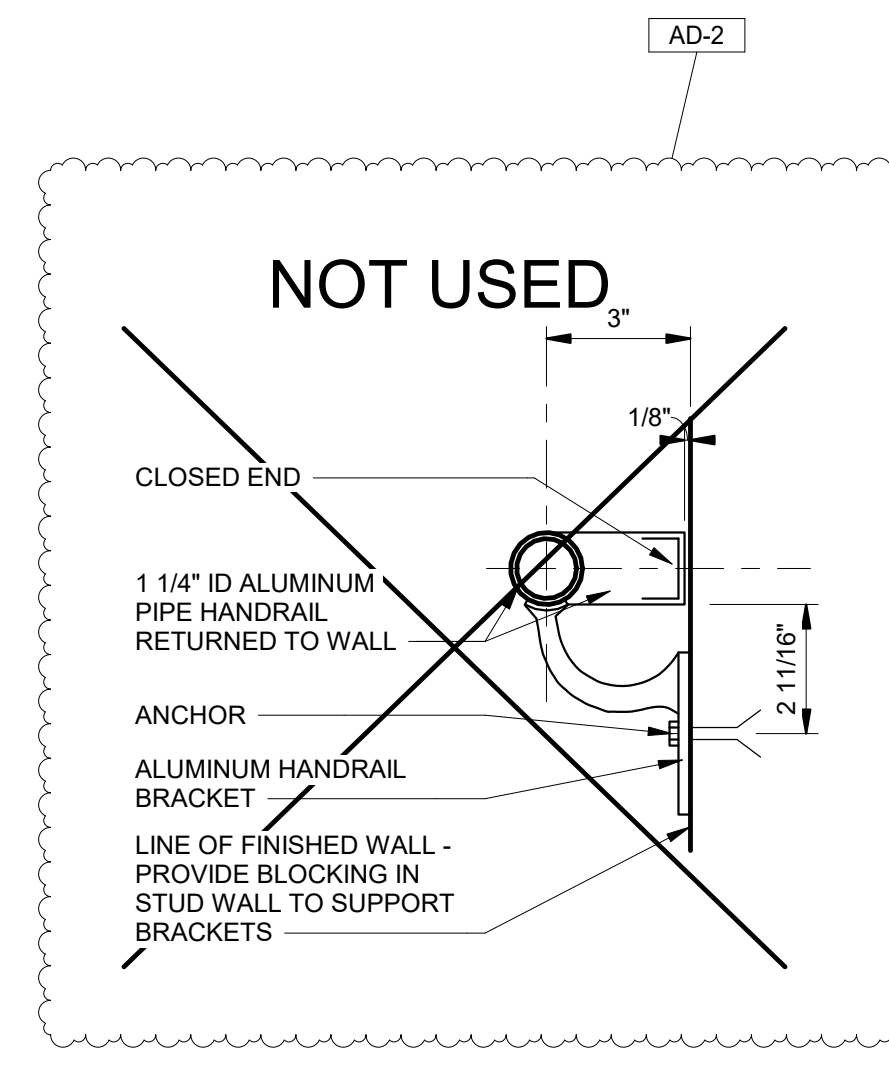
**5 ALTERNATE BID - GENERATOR SCREEN WALL**  
1/8" = 1'-0"



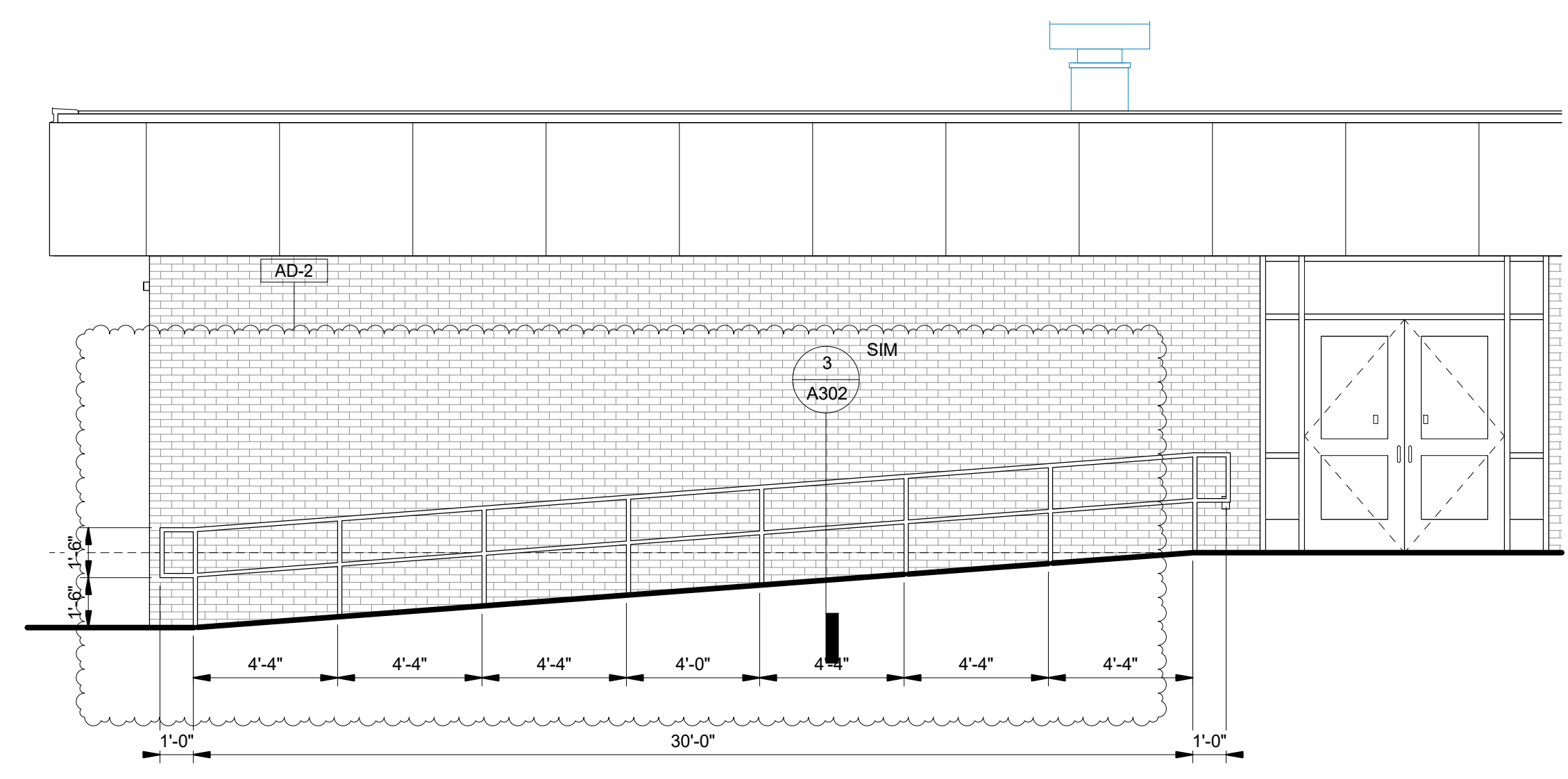
**4 RETAINING WALL WITH RAILING**  
3/4" = 1'-0"



**3 HANDRAIL SECTION**  
3/4" = 1'-0"



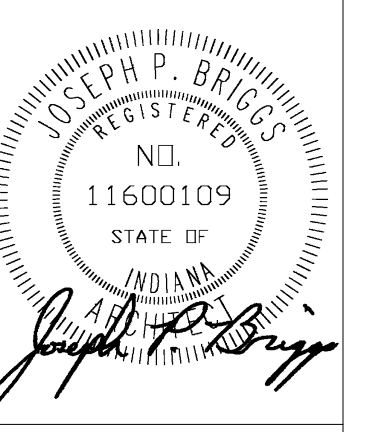
**2 HANDRAIL DETAIL**  
3\"/>



**1 WEST ELEVATION - HANDRAIL CALLOUT**  
1/4" = 1'-0"

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PROJECT  
24-142  
DATE  
March 5, 2025  
COORDINATED BY  
Designer  
DRAWN BY  
Author  
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Checker



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MARK	DATE	ISSUED FOR
<varies>	<varies>	<varies>

DRAWING  
BUILDING ELEVATIONS  
DETAILS

PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related  
Work

SHEET  
**A302**

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PROJECT:

Porter Lakes  
Elementary  
School Addition,  
Renovations and  
Related Work

FOR:  
Porter Township

208 S 725 W, Hebron, IN 46341

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PROJECT

24-142

DATE

March 5, 2025

COORDINATED BY

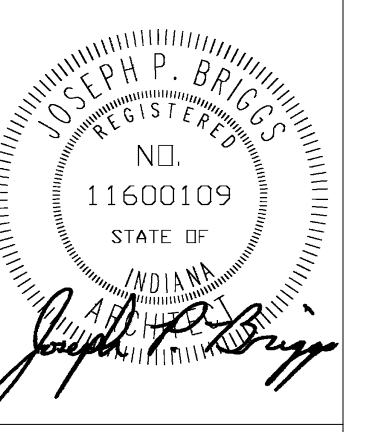
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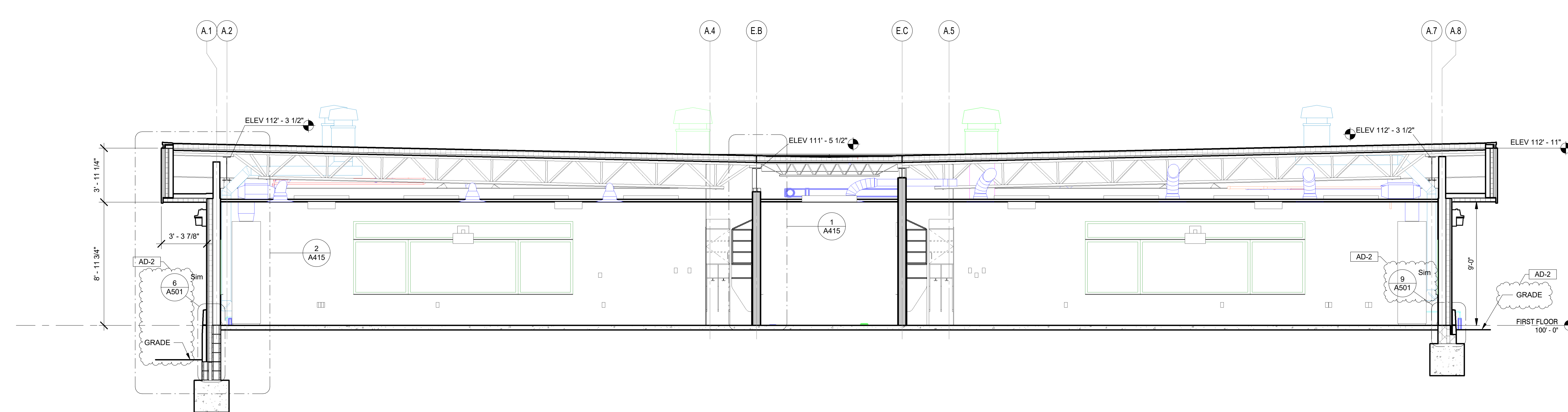
REVISIONS

MARK	DATE	ISSUED FOR
AD-2	03/21/25	ADDENDUM 2

AD-2

03/21/25

ADDENDUM 2



**1 BUILDING SECTION - CLASSROOM**  
A402 1/4" = 1'-0"

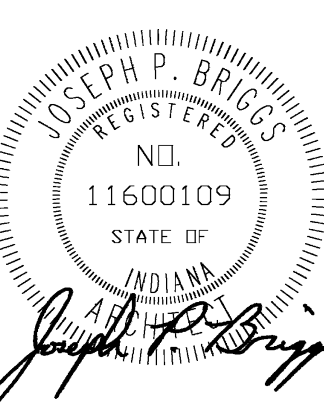
DRAWING  
BUILDING SECTIONS

PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related  
Work

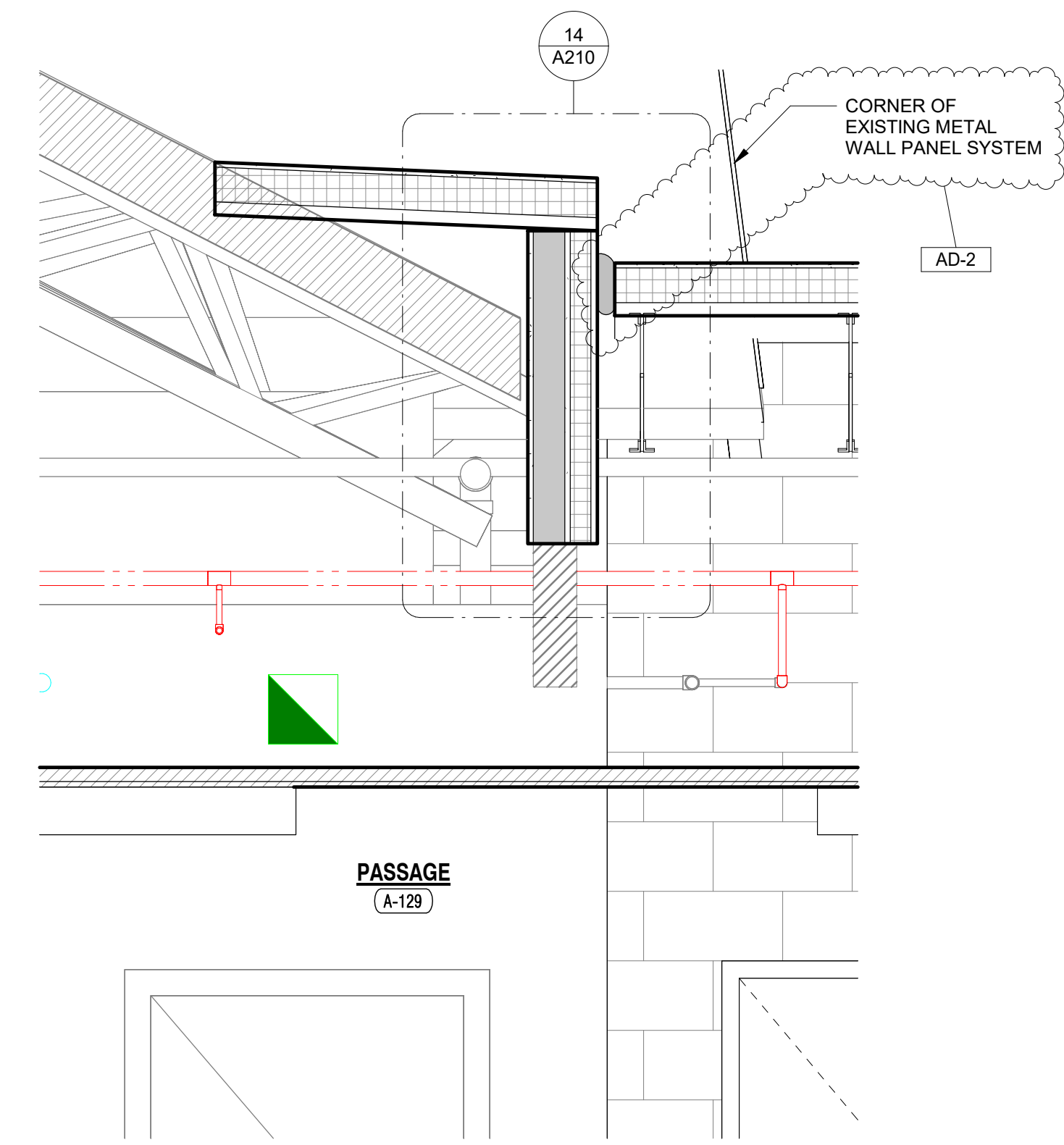
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**A402**

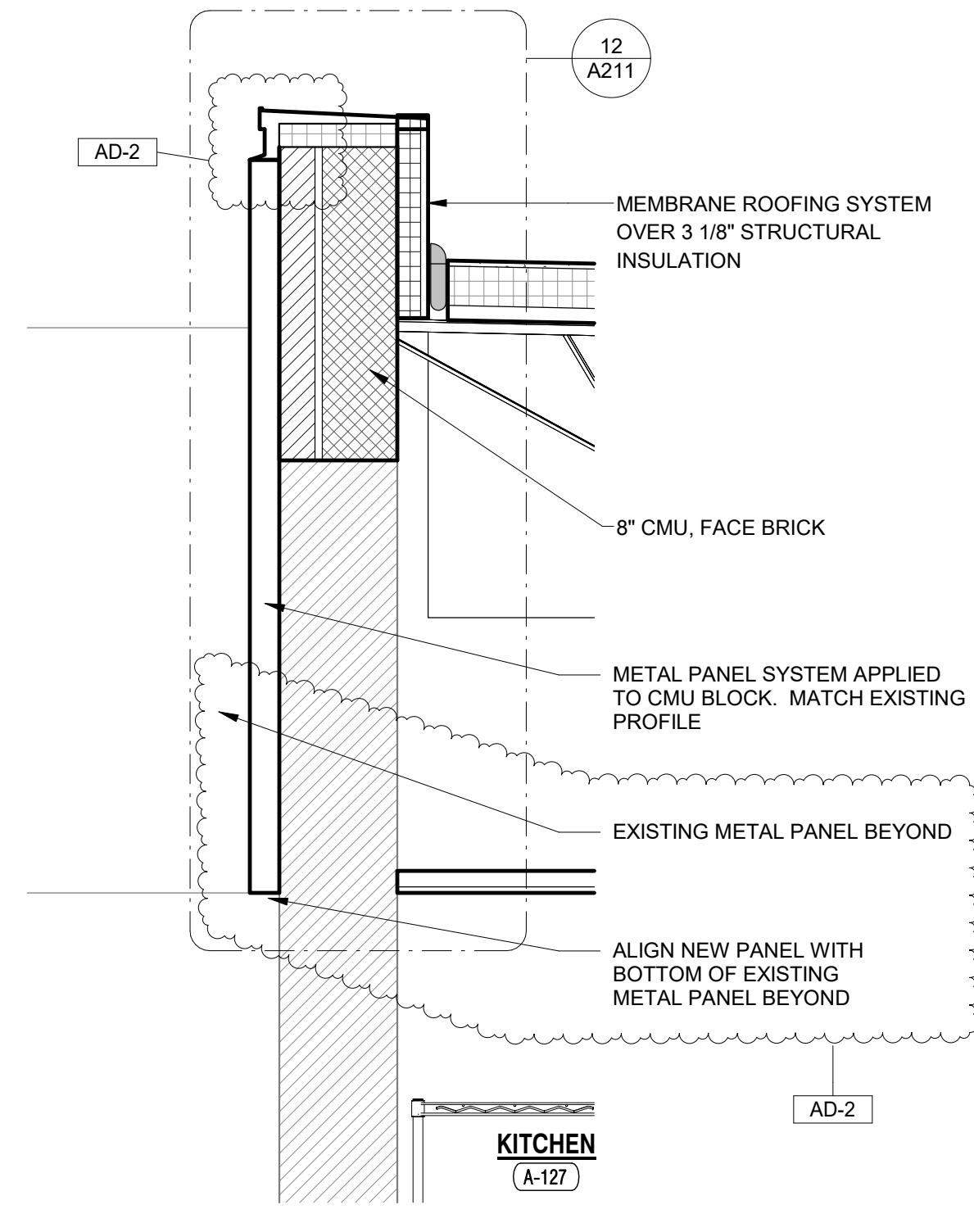
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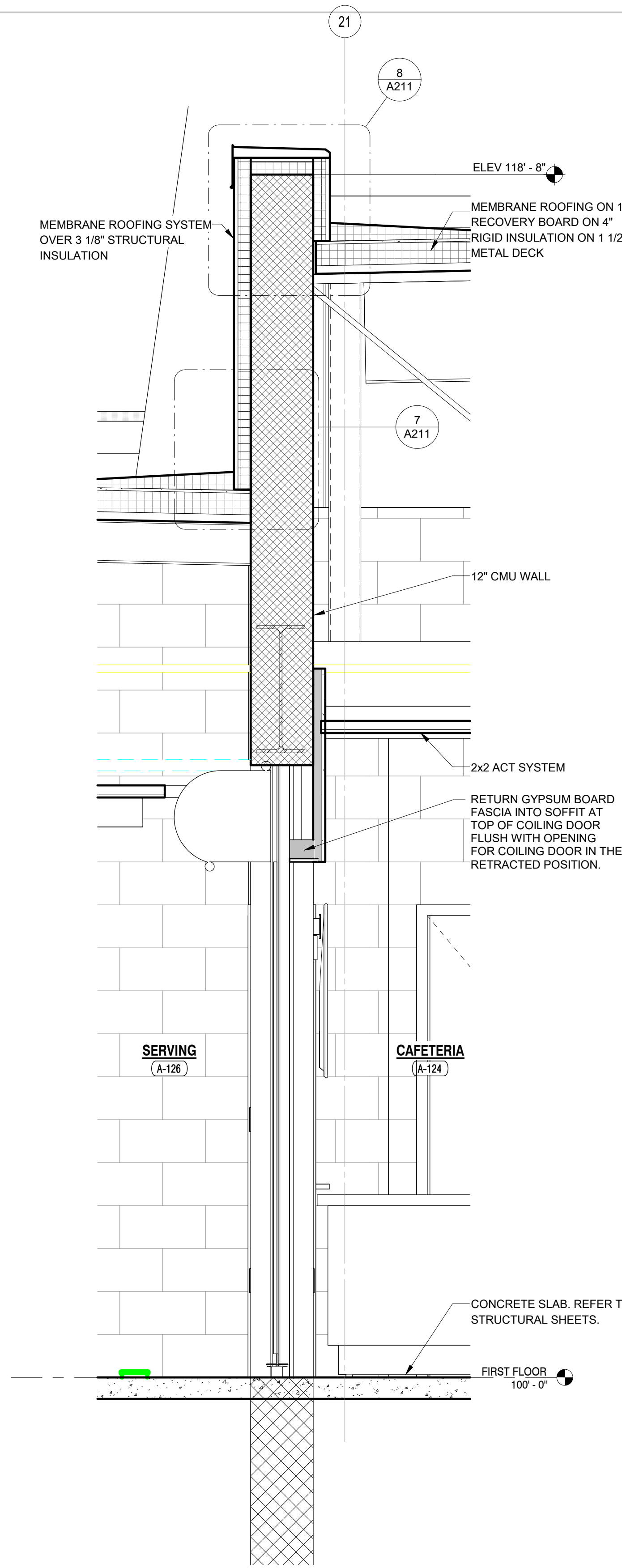
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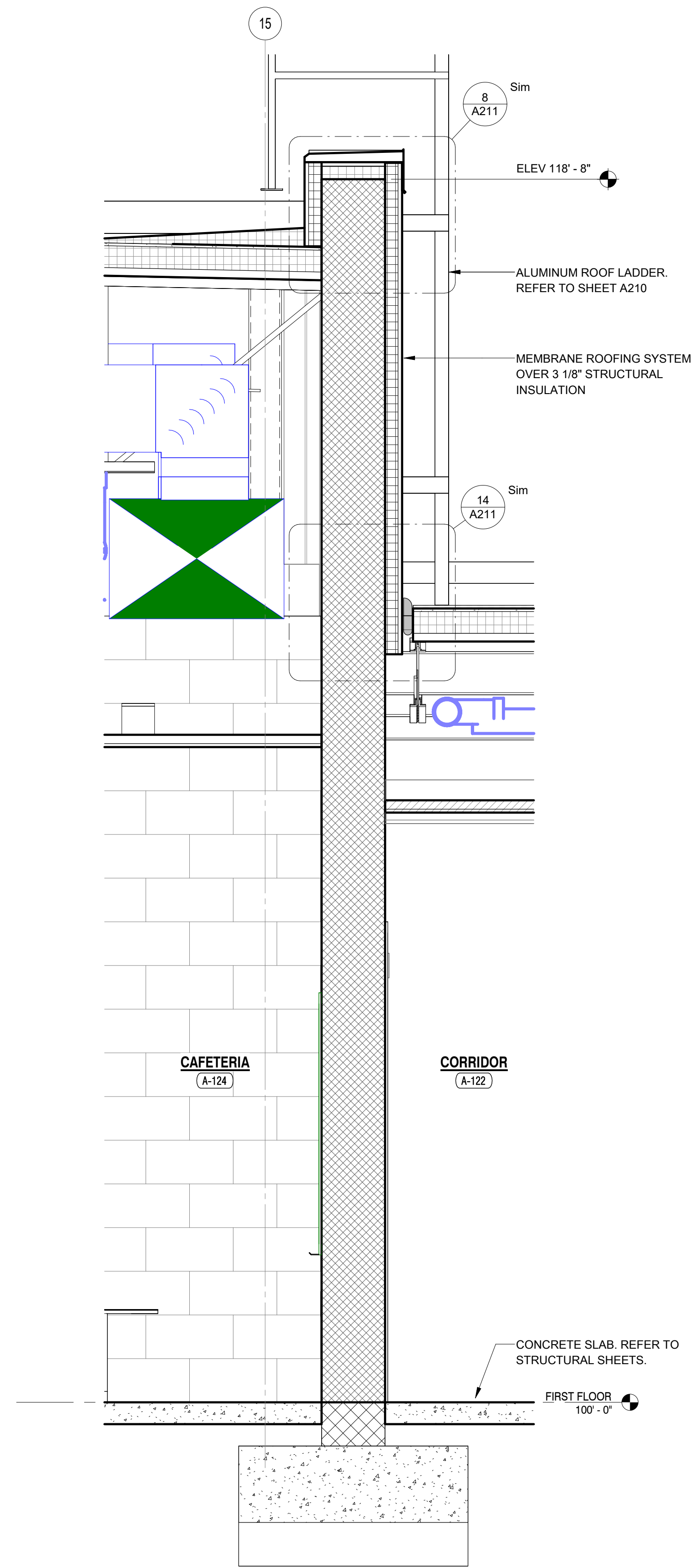
**5 WALL SECTION**  
A411 3/4" = 1'-0"



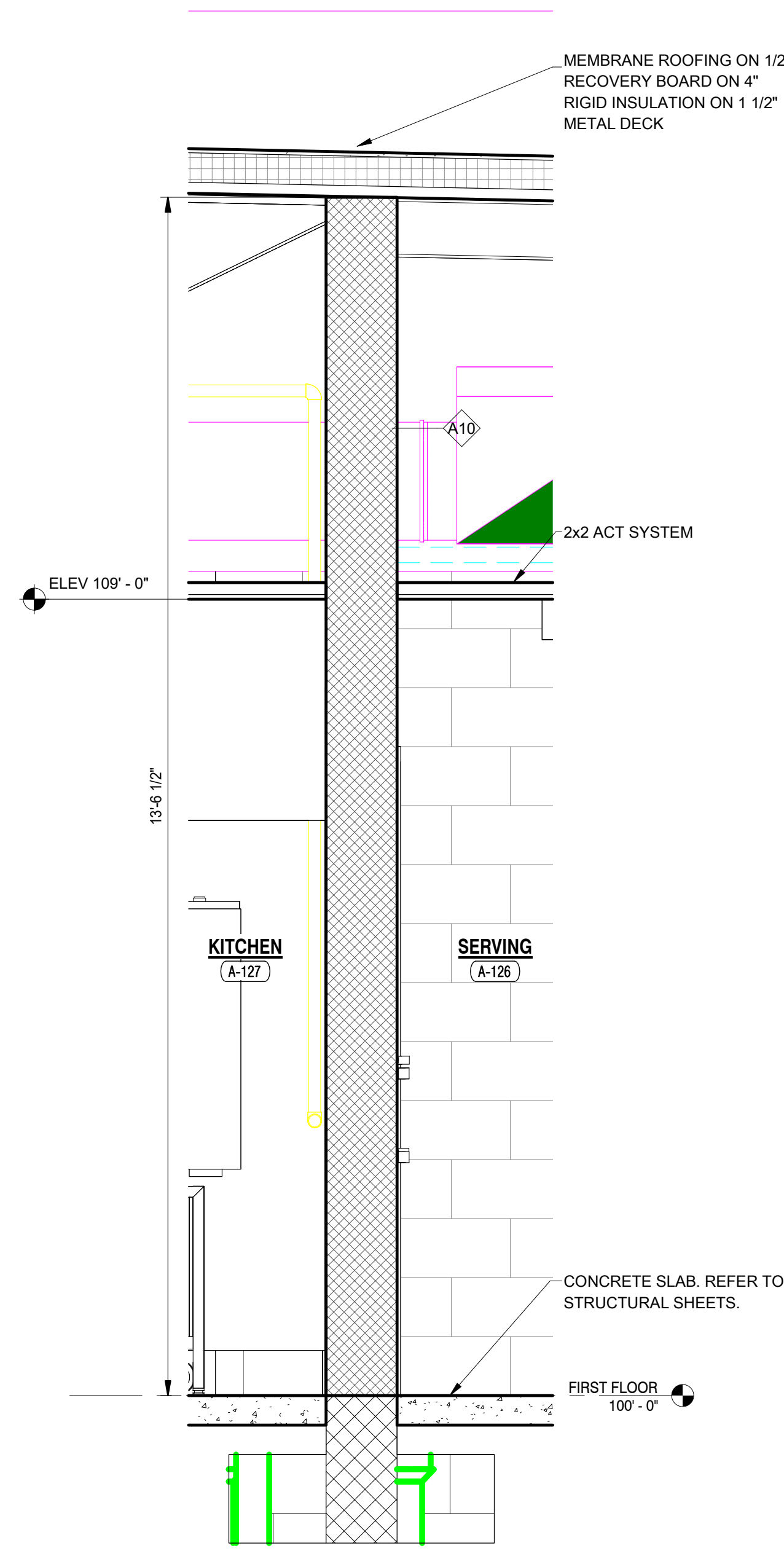
**6 WALL SECTION**  
A411 3/4" = 1'-0"



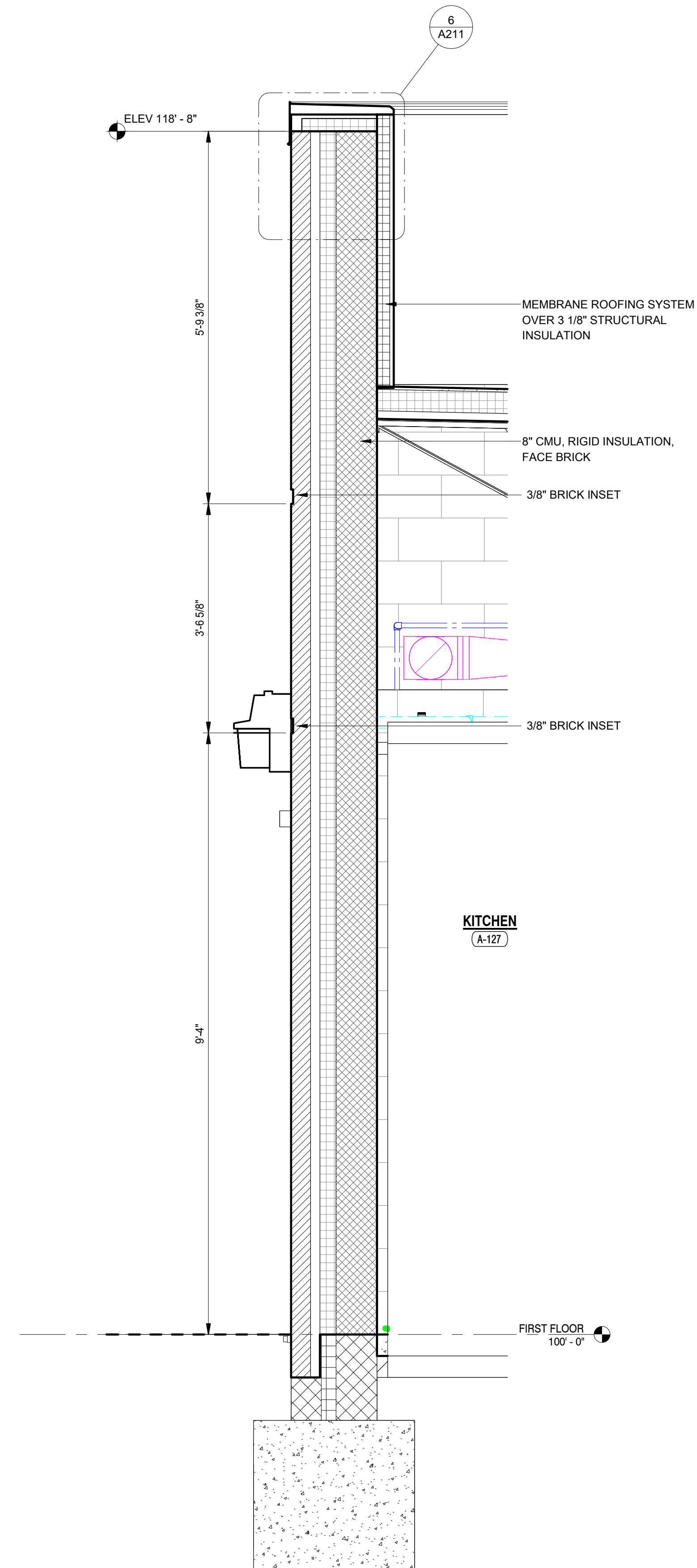
**2 WALL SECTION**  
A411 3/4" = 1'-0"



**1 WALL SECTION**  
A411 3/4" = 1'-0"

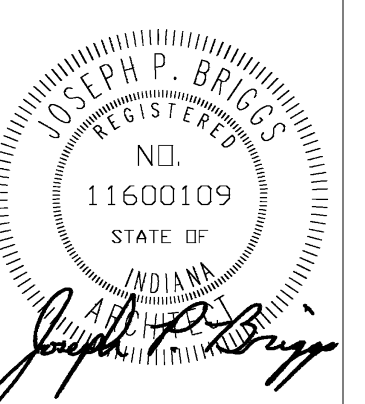


**3 WALL SECTION**  
A411 3/4" = 1'-0"

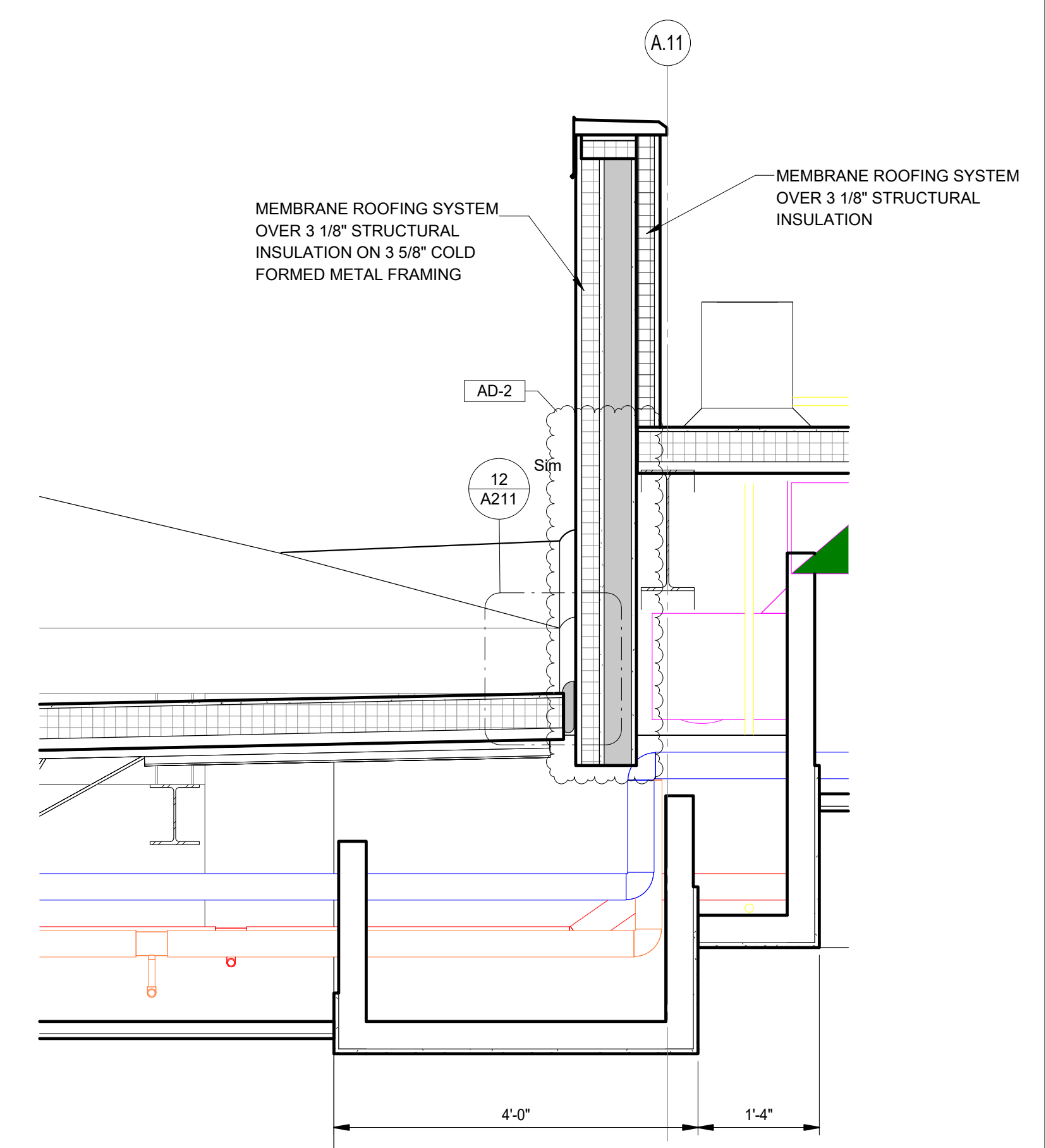


**4 WALL SECTION**  
A411 3/4" = 1'-0"

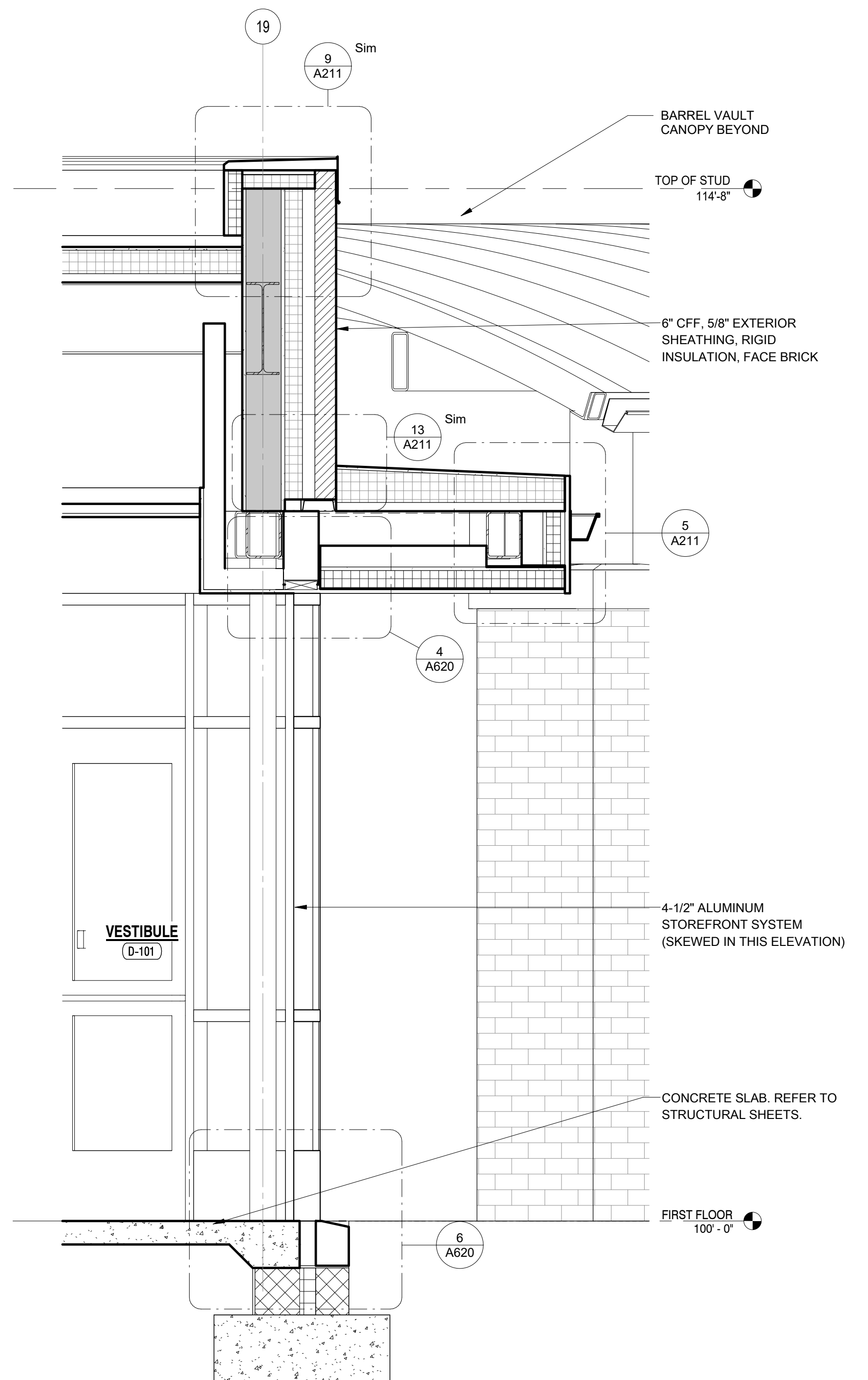
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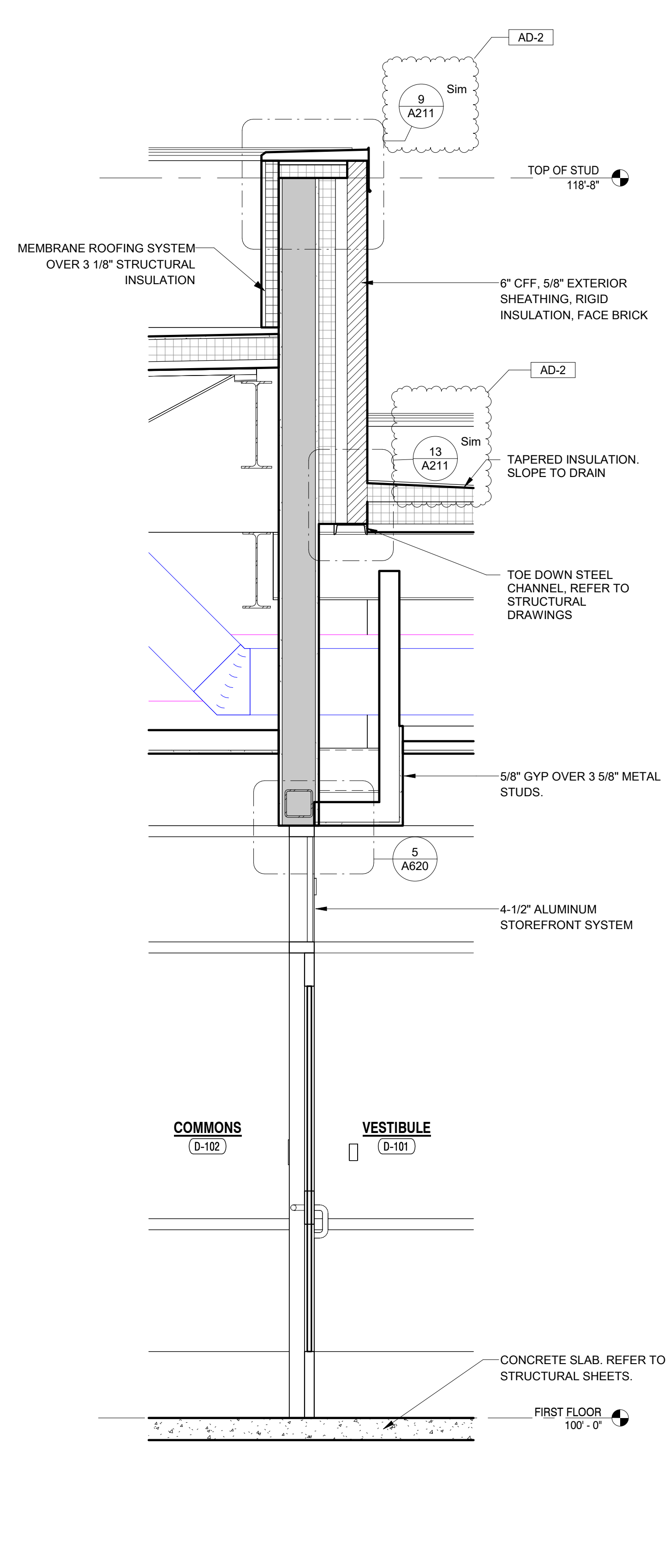
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AD-2	03/21/25	ADDENDUM 2



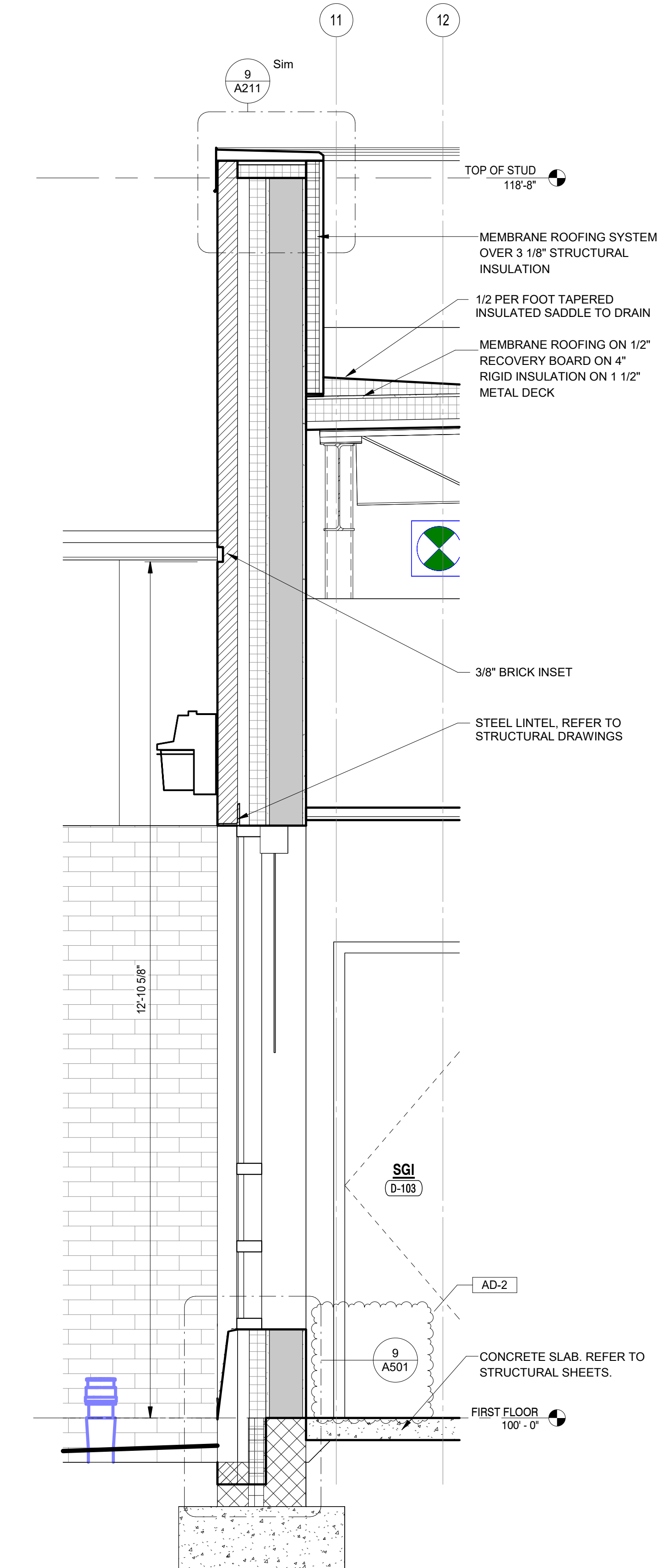
**5 ROOF WALL SECTION**  
A413 3/4" = 1'-0"



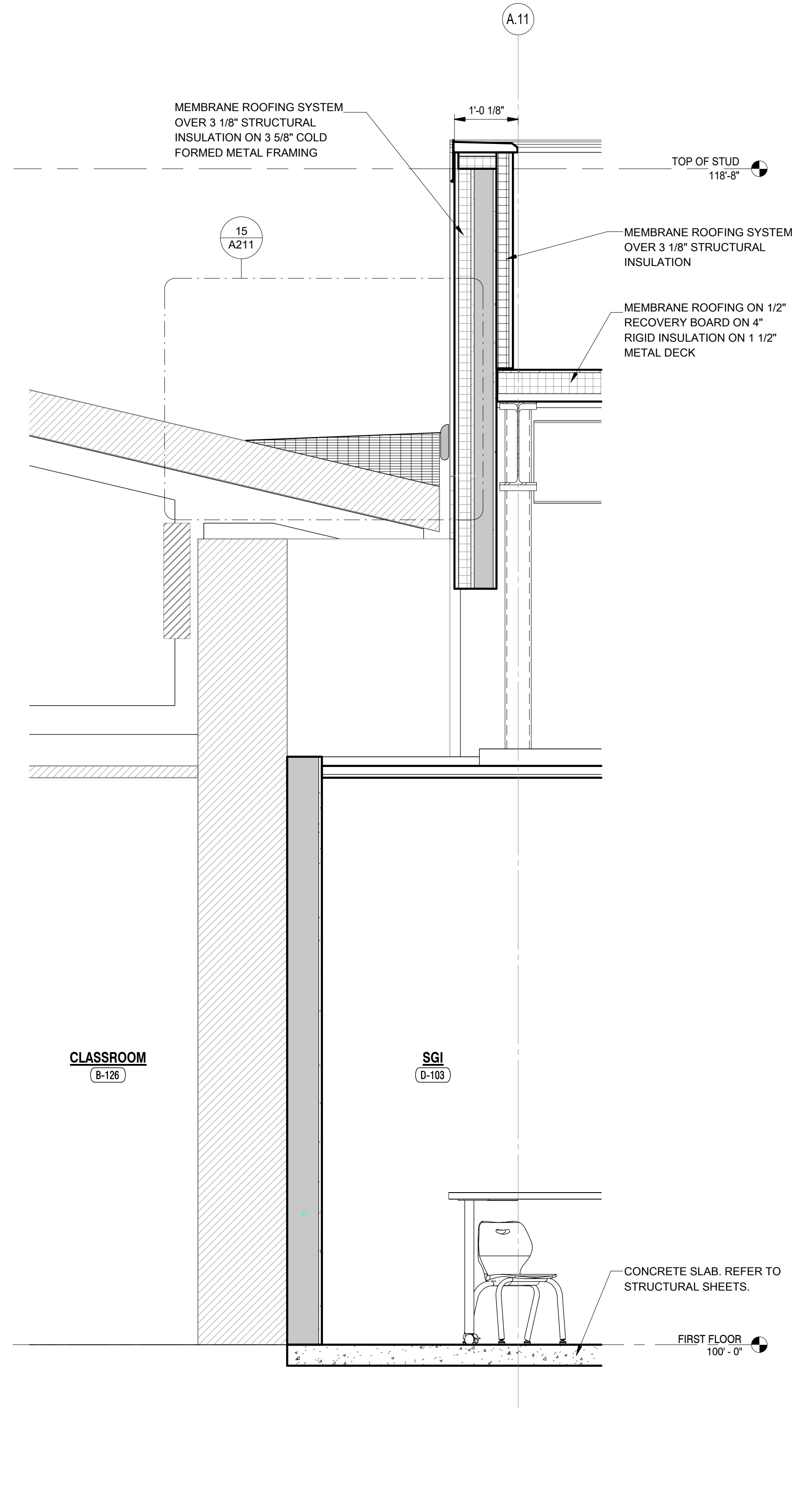
**1 WALL SECTION**  
A413 3/4" = 1'-0"



**2 WALL SECTION**  
A413 3/4" = 1'-0"



**3 WALL SECTION**  
A413 3/4" = 1'-0"



**4 WALL SECTION**  
A413 3/4" = 1'-0"

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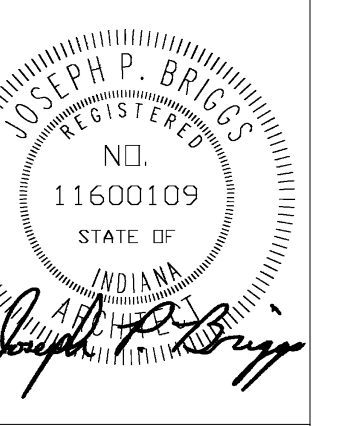
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24-142  
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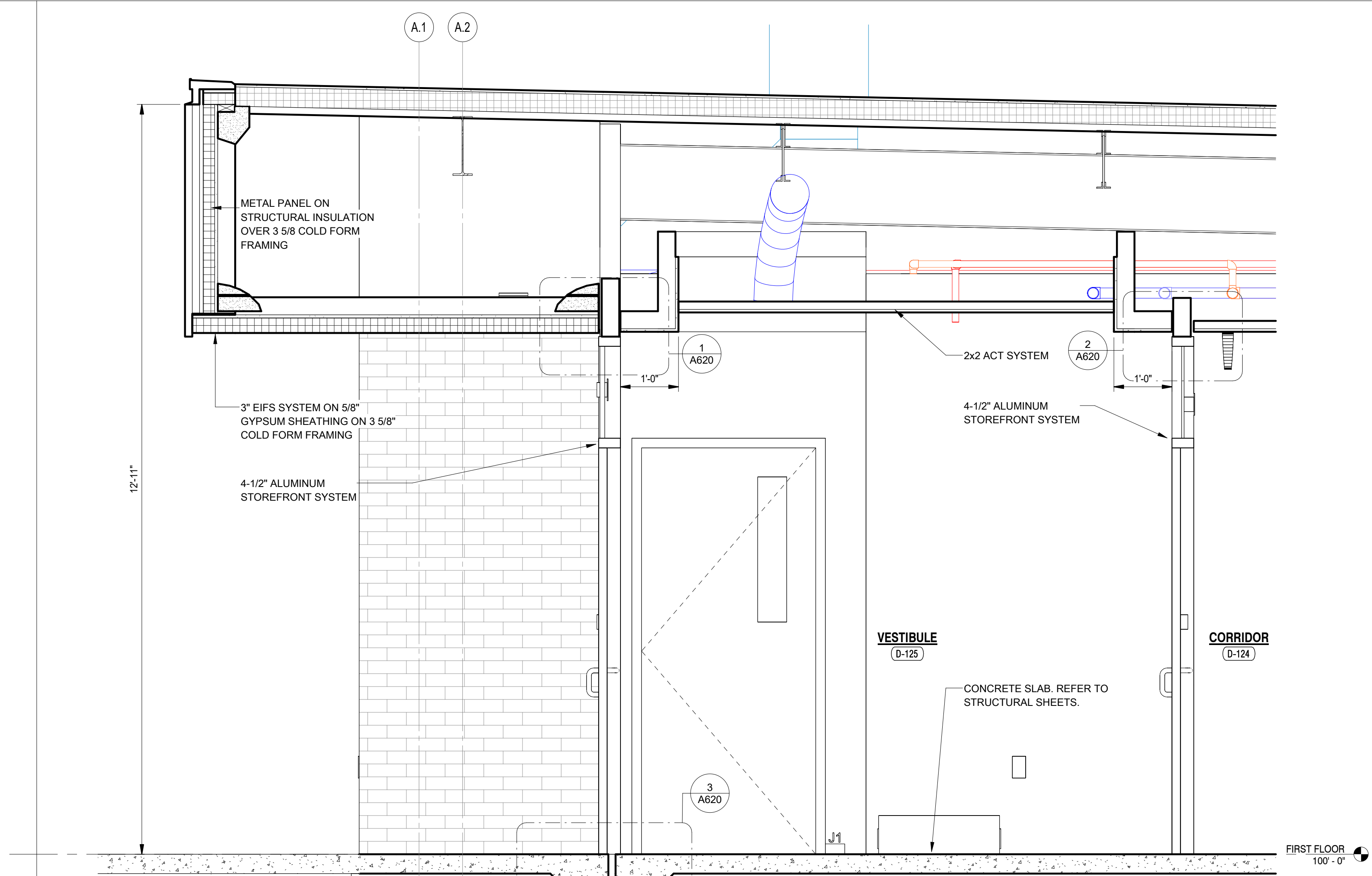
REVISIONS		
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DRAWING  
**WALL SECTIONS**

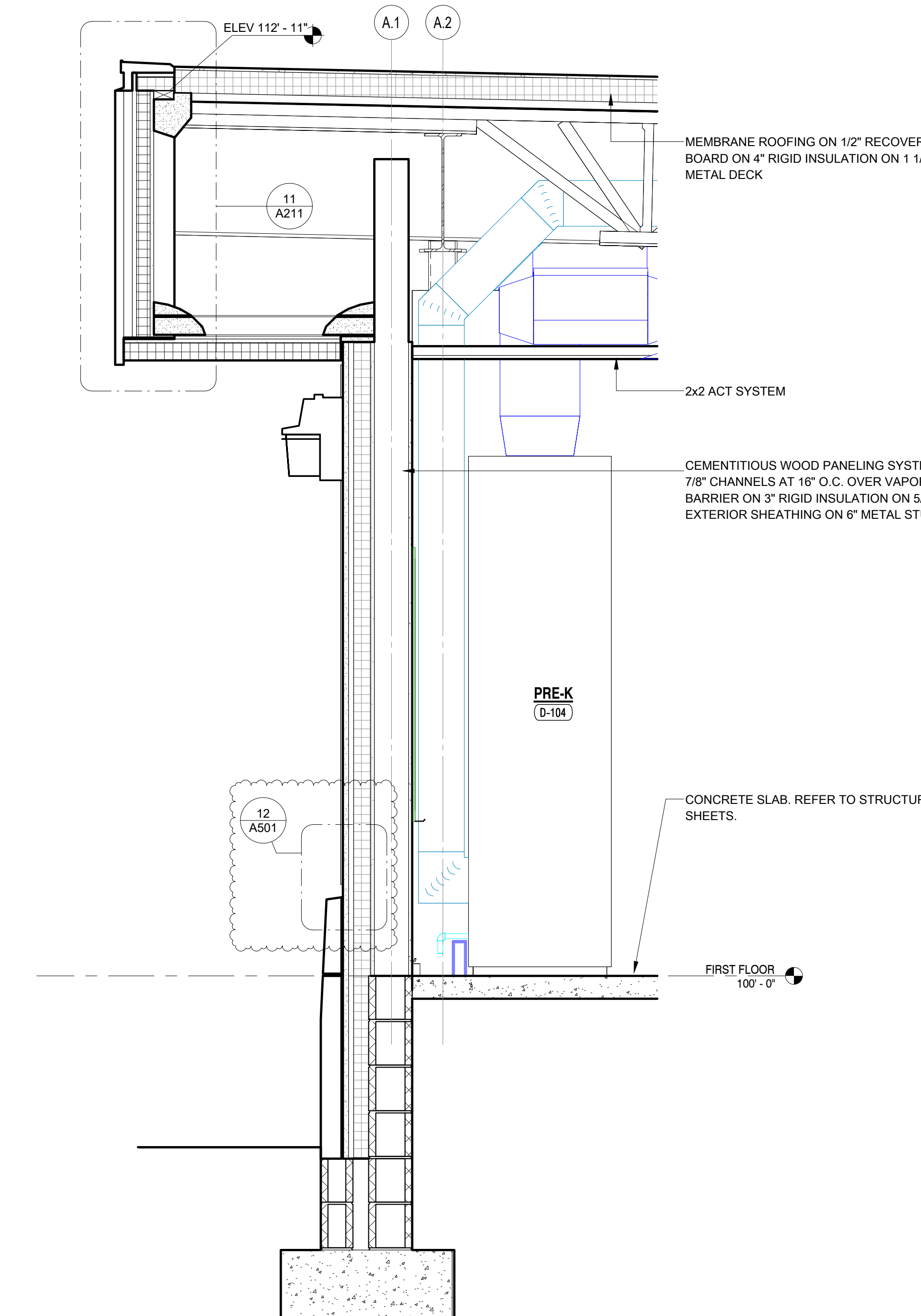
PROJECT  
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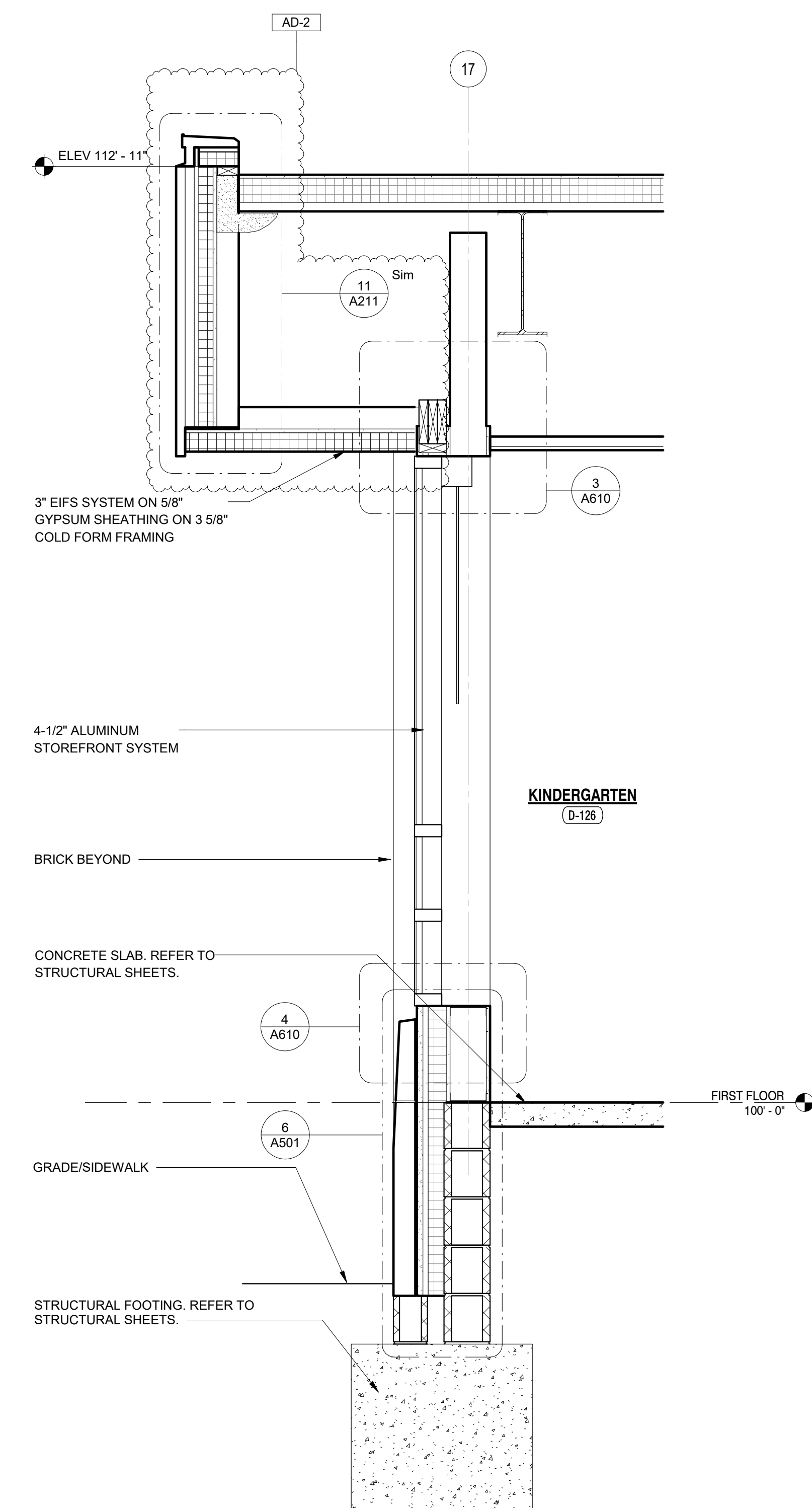
**A415**



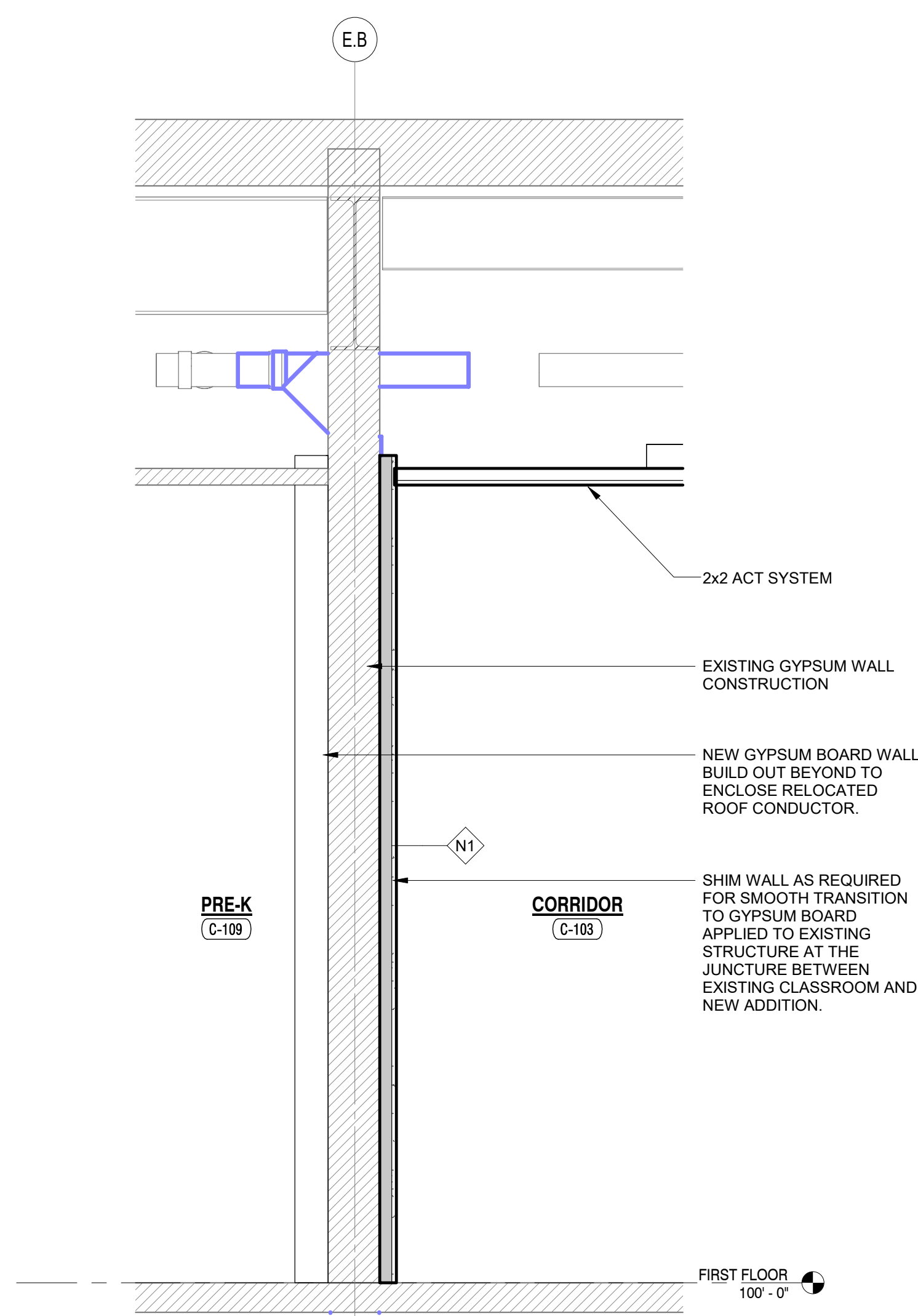
**5 WALL SECTION**  
A415 3/4" = 1'-0"



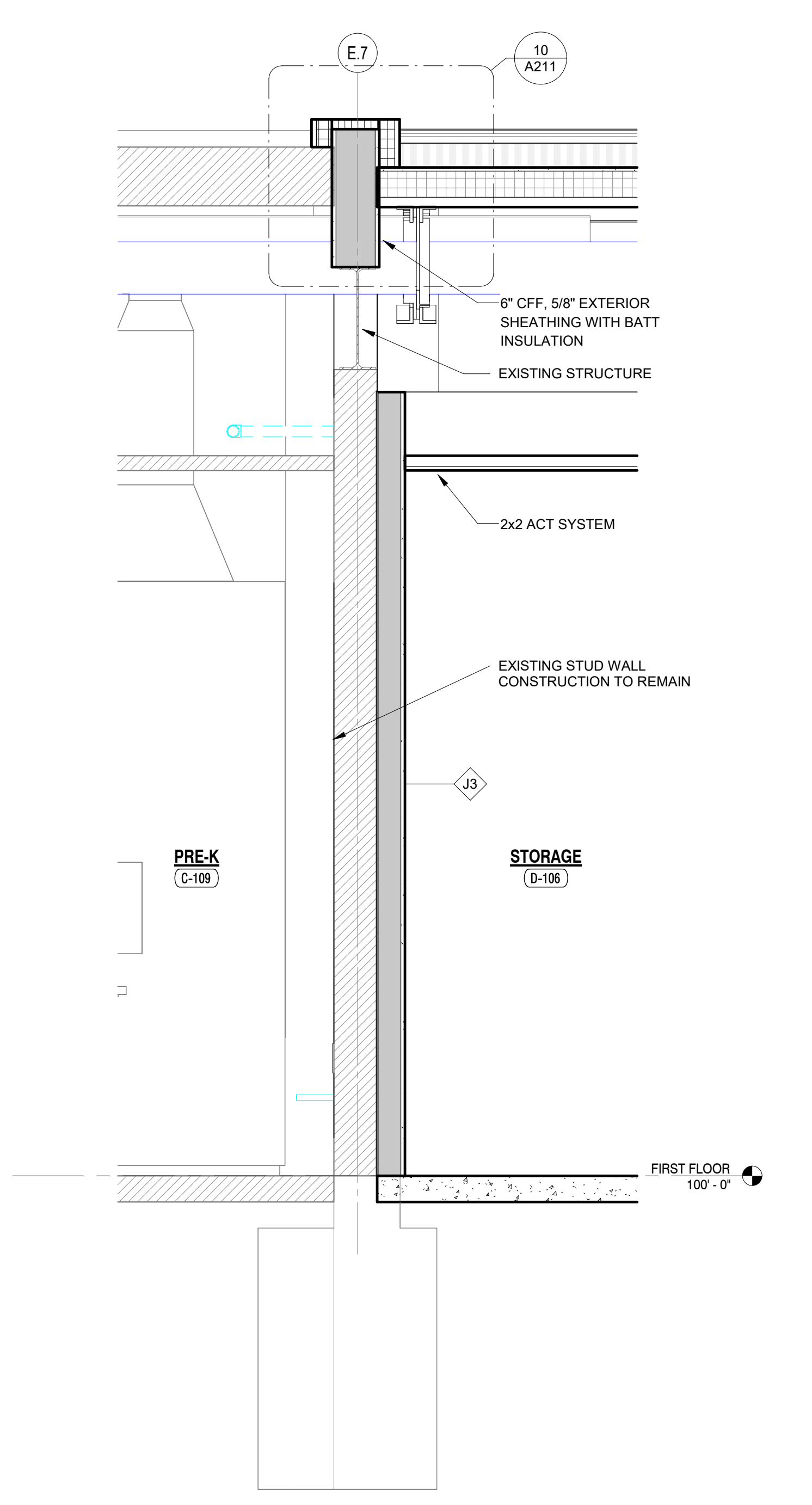
**2 WALL SECTION**  
A415 3/4" = 1'-0"



**3 WALL SECTION**  
A415 3/4" = 1'-0"



**6 WALL SECTION**  
A415 3/4" = 1'-0"



**4 WALL SECTION**  
A415 3/4" = 1'-0"



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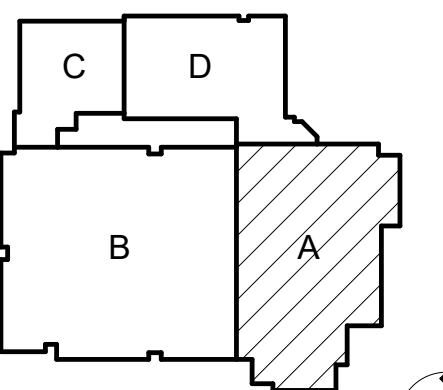
PROJECT:

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Related Work**

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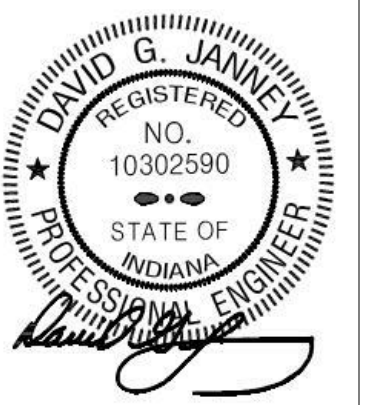
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DJ



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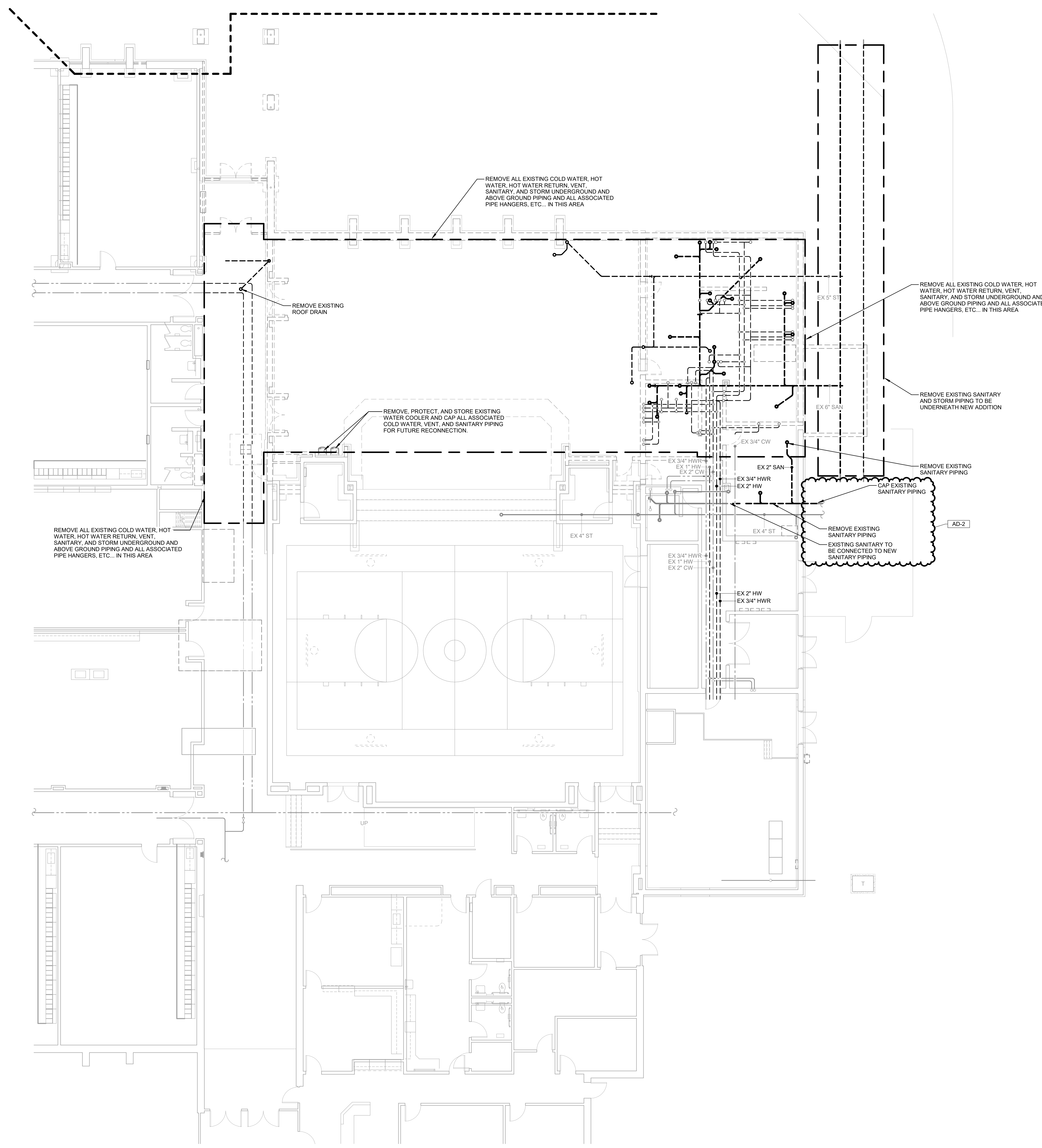
MARK	DATE	ISSUED FOR
AD-1	3/14/25	ADDENDUM NO.1
AD-2	3/21/25	ADDENDUM NO.2

DRAWING  
**FIRST FLOOR PLUMBING  
DEMOLITION PLAN - AREA A**

PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related  
Work

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**A PD101**



REMOVE ALL EXISTING COLD WATER, HOT WATER, HOT WATER RETURN, VENT, SANITARY, AND STORM UNDERGROUND AND ABOVE GROUND PIPING AND ALL ASSOCIATED PIPE HANGERS, ETC... IN THIS AREA

REMOVE ALL EXISTING COLD WATER, HOT WATER, HOT WATER RETURN, VENT, SANITARY, AND STORM UNDERGROUND AND ABOVE GROUND PIPING AND ALL ASSOCIATED PIPE HANGERS, ETC... IN THIS AREA

REMOVE, PROTECT, AND STORE EXISTING WATER COOLER AND CAP ALL ASSOCIATED COLD WATER, VENT, AND SANITARY PIPING FOR FUTURE RECONNECTION.

REMOVE ALL EXISTING COLD WATER, HOT WATER, HOT WATER RETURN, VENT, SANITARY, AND STORM UNDERGROUND AND ABOVE GROUND PIPING AND ALL ASSOCIATED PIPE HANGERS, ETC... IN THIS AREA

REMOVE EXISTING SANITARY AND STORM PIPING TO BE UNDERNEATH NEW ADDITION

REMOVE EXISTING SANITARY PIPING

CAP EXISTING SANITARY PIPING

REMOVE EXISTING SANITARY PIPING  
EXISTING SANITARY TO BE CONNECTED TO NEW SANITARY PIPING

**FIRST FLOOR PLUMBING DEMOLITION PLAN - AREA A**  
1/8" = 1'-0"

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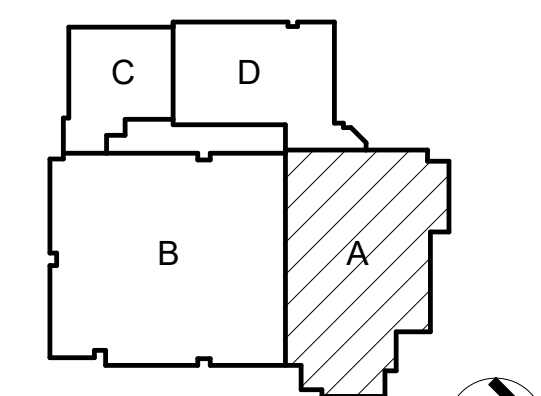


PROJECT:

**Porter Lakes Elementary School Addition, Renovations and Related Work**

FOR:  
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PROJECT 24-142  
DATE March 5, 2025  
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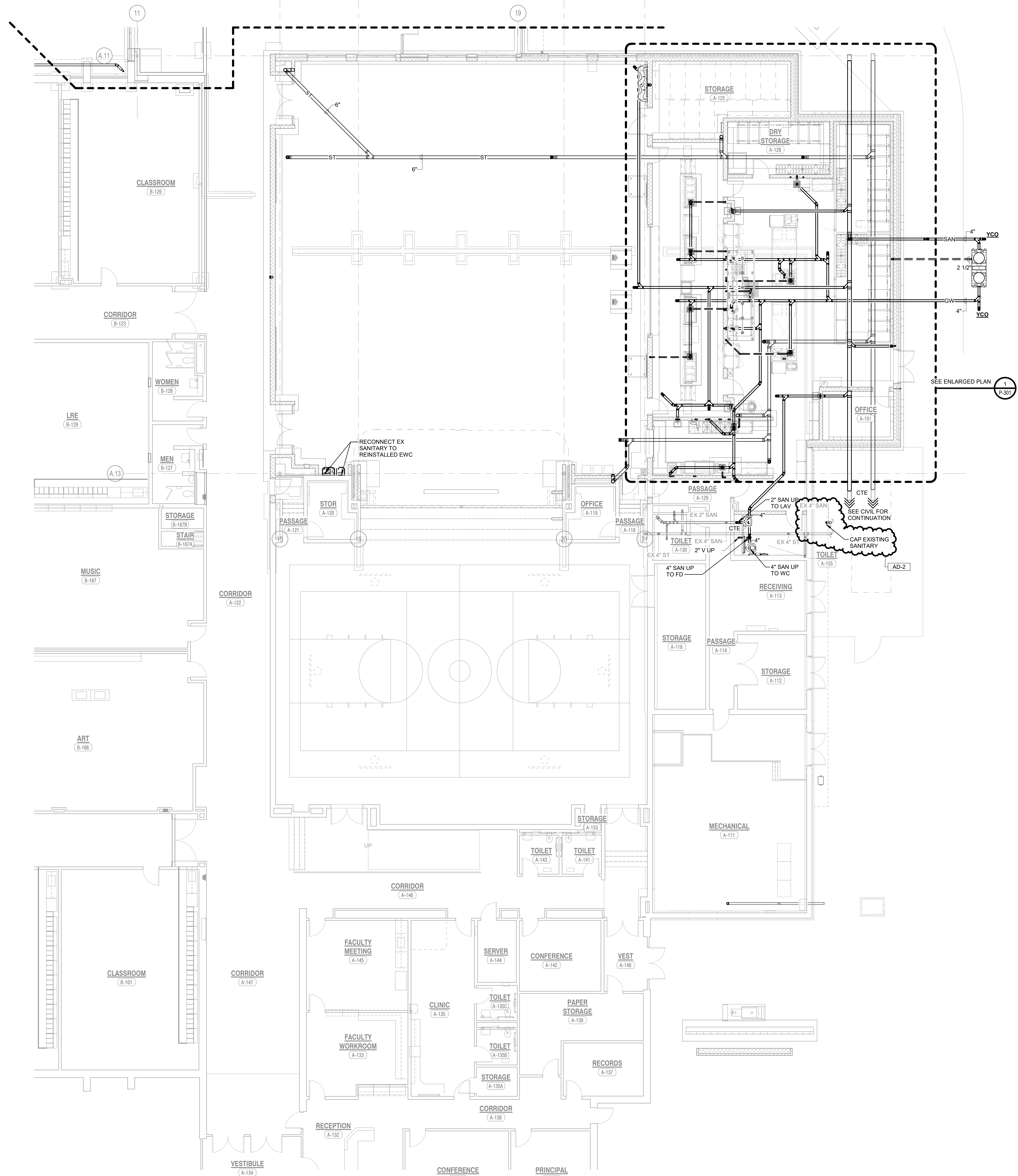
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AD-2	3/21/25	ADDENDUM NO.2

DRAWING  
**FIRST FLOOR PLUMBING UNDERFLOOR PLAN - AREA A**

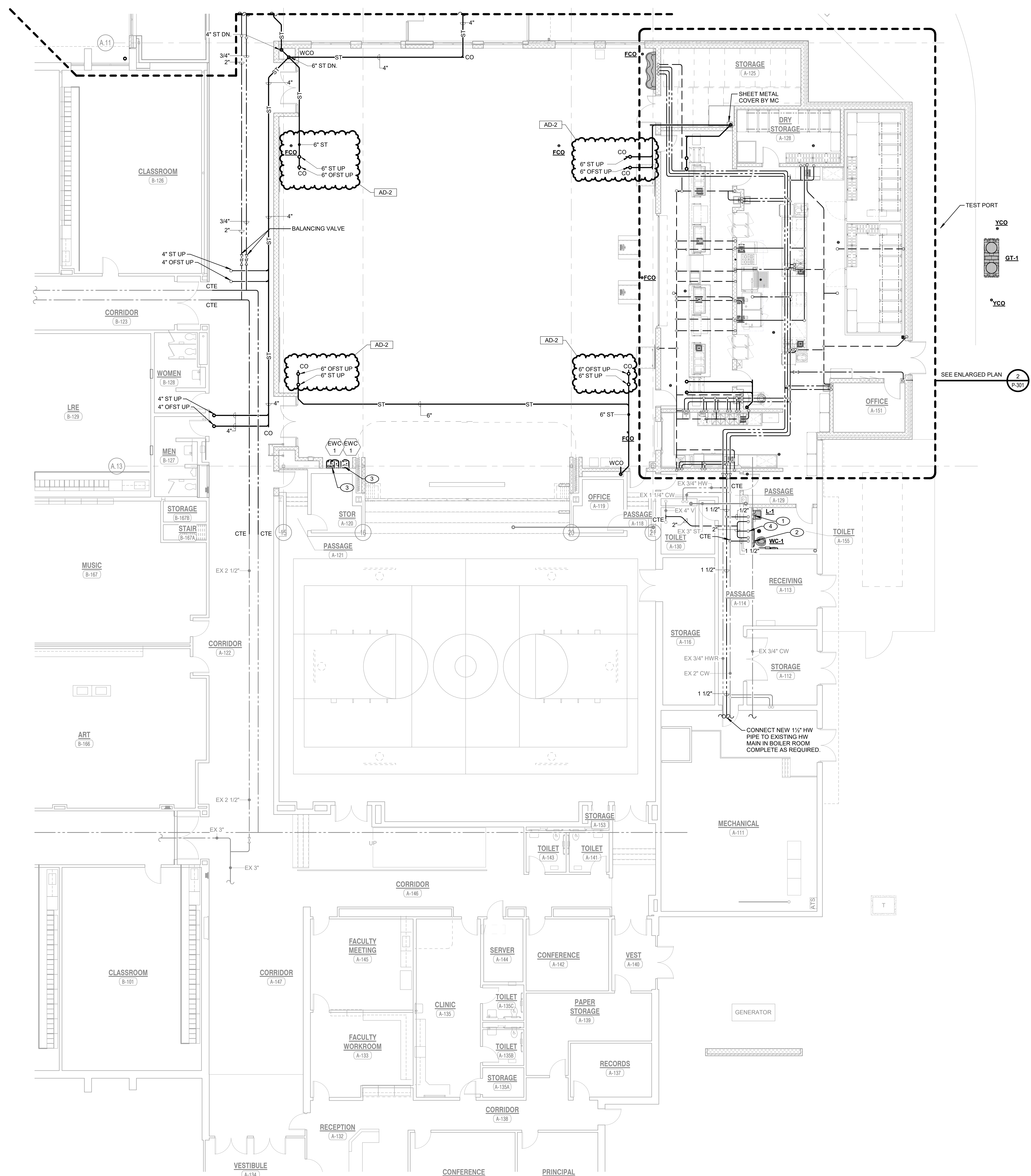
PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

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**A P-101**



**1 P-101** FIRST FLOOR PLUMBING UNDERFLOOR PLAN - AREA A  
1/8" = 1'-0"

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- SHEET NOTES**
1. 1/2" COLD WATER, 1/2" HOT WATER, AND 1 1/2" VENT DOWN TO LAVATORY.
  2. 1 1/2" COLD WATER AND 2" VENT DOWN TO WATER CLOSET.
  3. RECONNECT EXISTING 1/2" COLD WATER AND 1 1/2" VENT TO REINSTALLED ELECTRIC WATER COOLER.
  4. 2" VENT DOWN.



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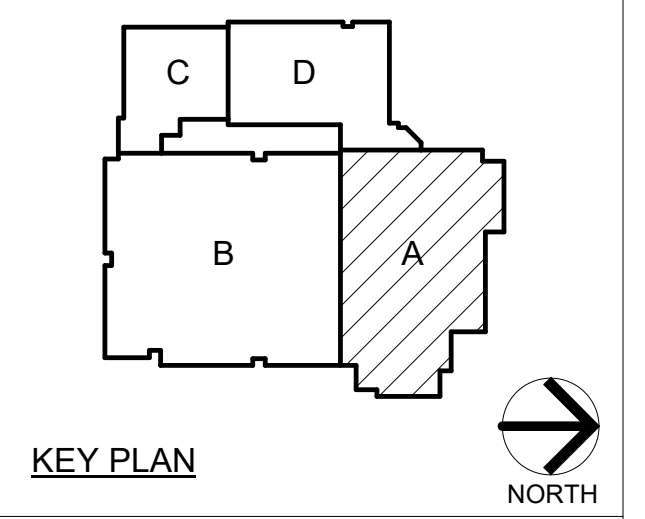


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 (317) 998-8400  
 www.milliesengineeringgroup.com

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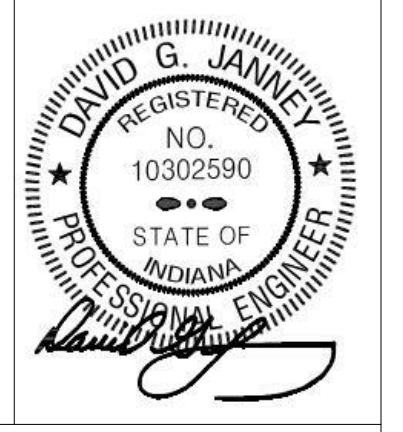
FOR:  
 Porter Township

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AD-1	3/14/25	ADDENDUM NO.1
AD-2	3/21/25	ADDENDUM NO.2

DRAWING  
**FIRST FLOOR PLUMBING FLOOR PLAN - AREA A**

PROJECT  
 Porter Lakes Elementary School Addition, Renovations and Related Work

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**A P-103**

**1 P-103 1/8" = 1'-0"**  
**FIRST FLOOR PLUMBING FLOOR PLAN - AREA A**





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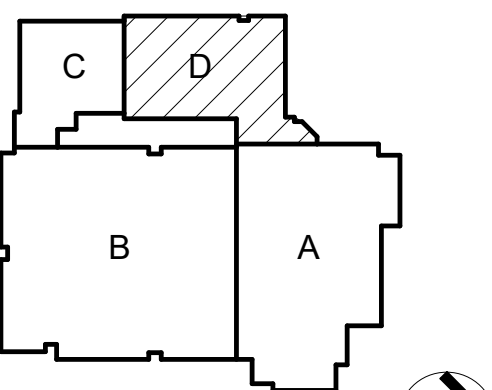


PROJECT:

**Porter Lakes  
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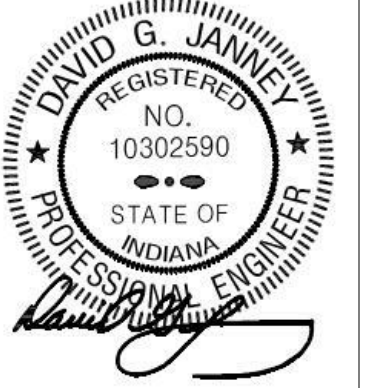
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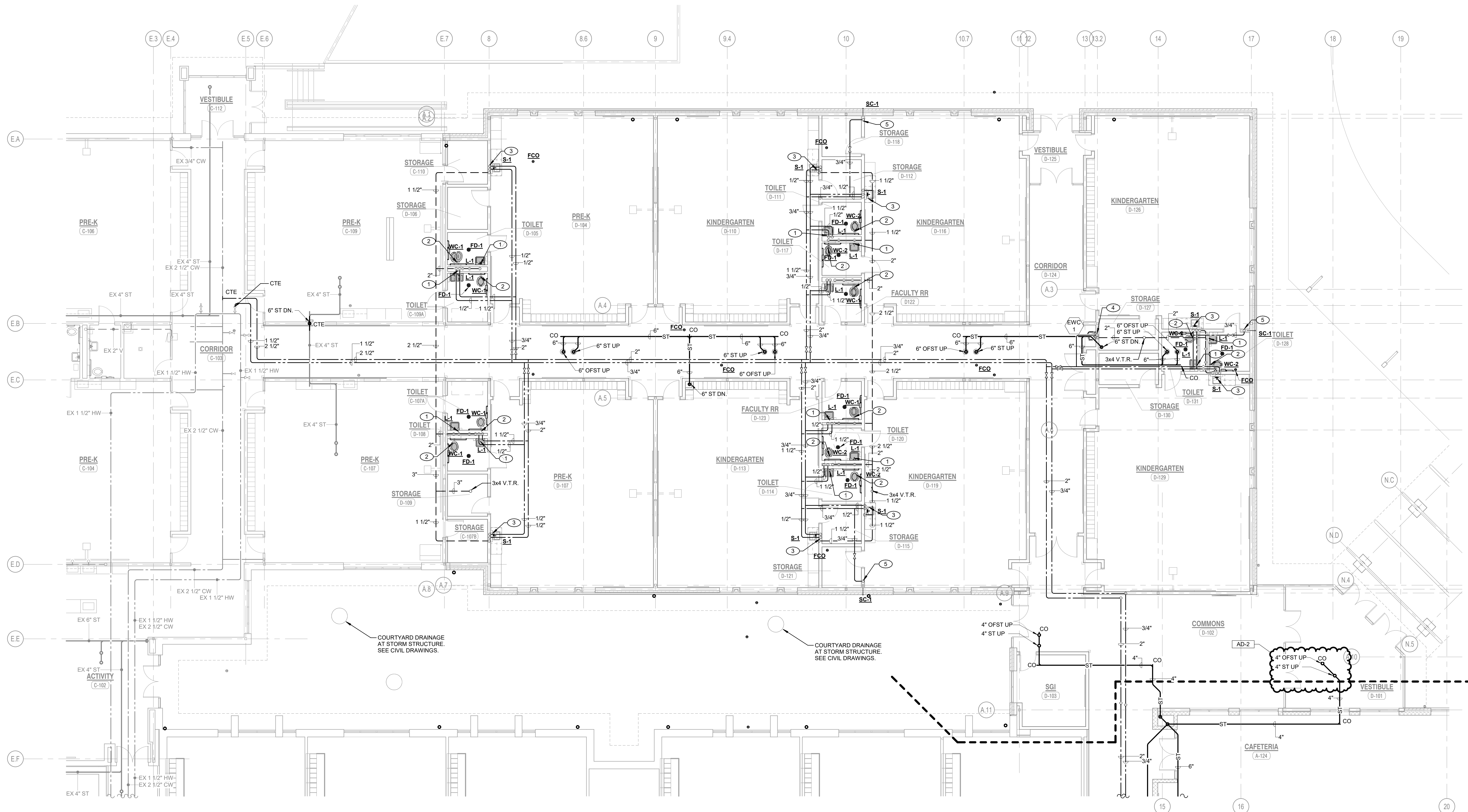
DRAWING  
**FIRST FLOOR PLUMBING  
FLOOR PLAN - AREA D**

PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related  
Work

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**D P-104**

- SHEET NOTES**
1. 1/2" COLD WATER, 1/2" HOT WATER, AND 1 1/2" VENT DOWN TO LAVATORY
  2. 1 1/2" COLD WATER AND 2" VENT DOWN TO WATER CLOSET
  3. 1/2" COLD WATER, 1/2" HOT WATER, AND 1 1/2" VENT DOWN TO SINK
  4. 1/2" COLD WATER AND 1 1/2" VENT DOWN TO ELECTRIC WATER COOLER
  5. 3/4" COLD WATER DOWN TO SILL COCK



**1 P-104** FIRST FLOOR PLUMBING FLOOR PLAN - AREA D  
1/8" = 1'-0"

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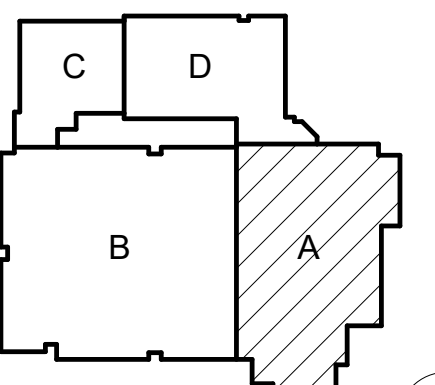


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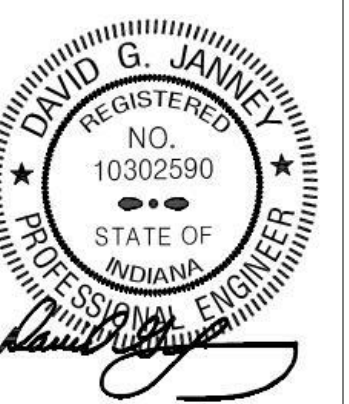
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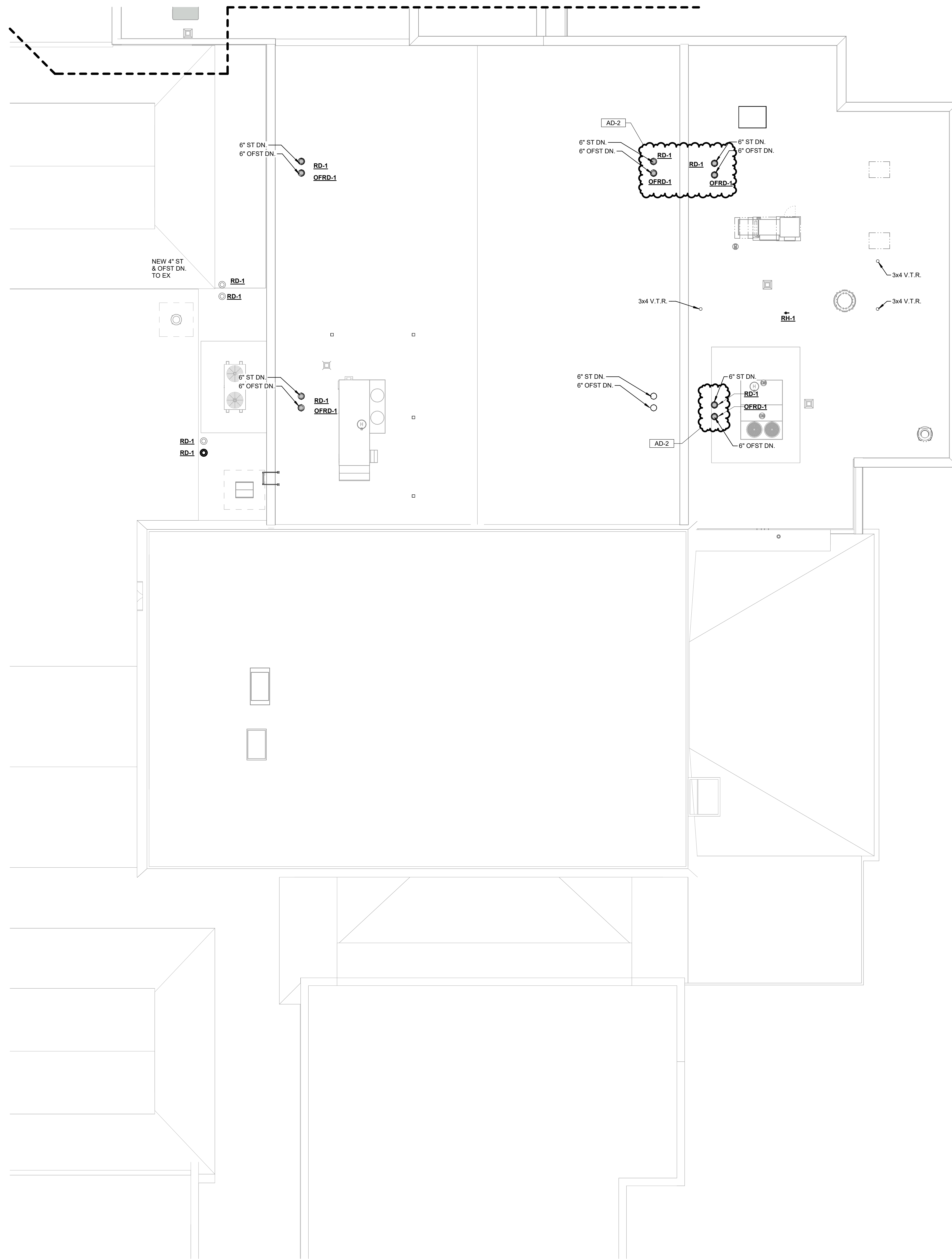
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DRAWING  
**ROOF PLUMBING PLAN - AREA A**  
A

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**A P-201**



**1 ROOF PLUMBING PLAN - AREA A**  
P-201 1/8" = 1'-0"

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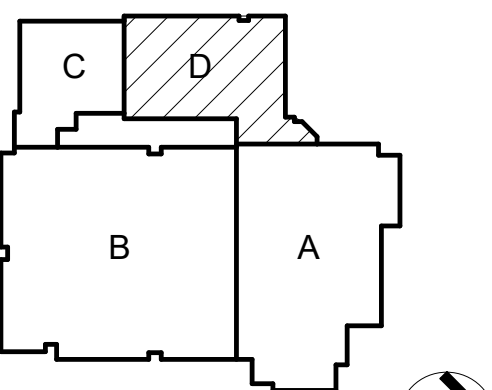


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KEY PLAN  
NORTH

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	3/21/25	ADDENDUM NO 2

DRAWING  
ROOF PLUMBING PLAN - AREA D

PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

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**D P-202**



**1** ROOF PLUMBING PLAN - AREA D  
P-202 1/8" = 1'-0"



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PROJECT:

**Porter Lakes  
Elementary  
School Addition,  
Renovations and  
Related Work**

FOR:  
Porter Township

208 S 725 W, Hebron, IN 46341

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Indianapolis, IN 46260  
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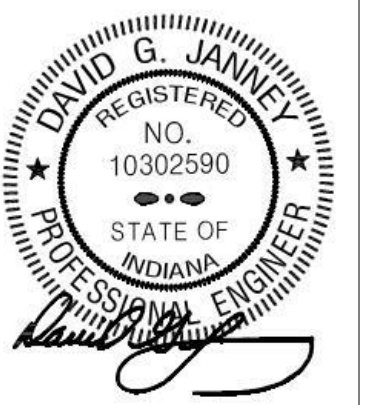
PROJECT  
24-142

DATE  
March 5, 2025

COORDINATED BY  
LVB

DRAWN BY  
CA

CHECKED BY  
DJ



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DRAWING  
**ENLARGED PLUMBING PLANS**

PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related  
Work

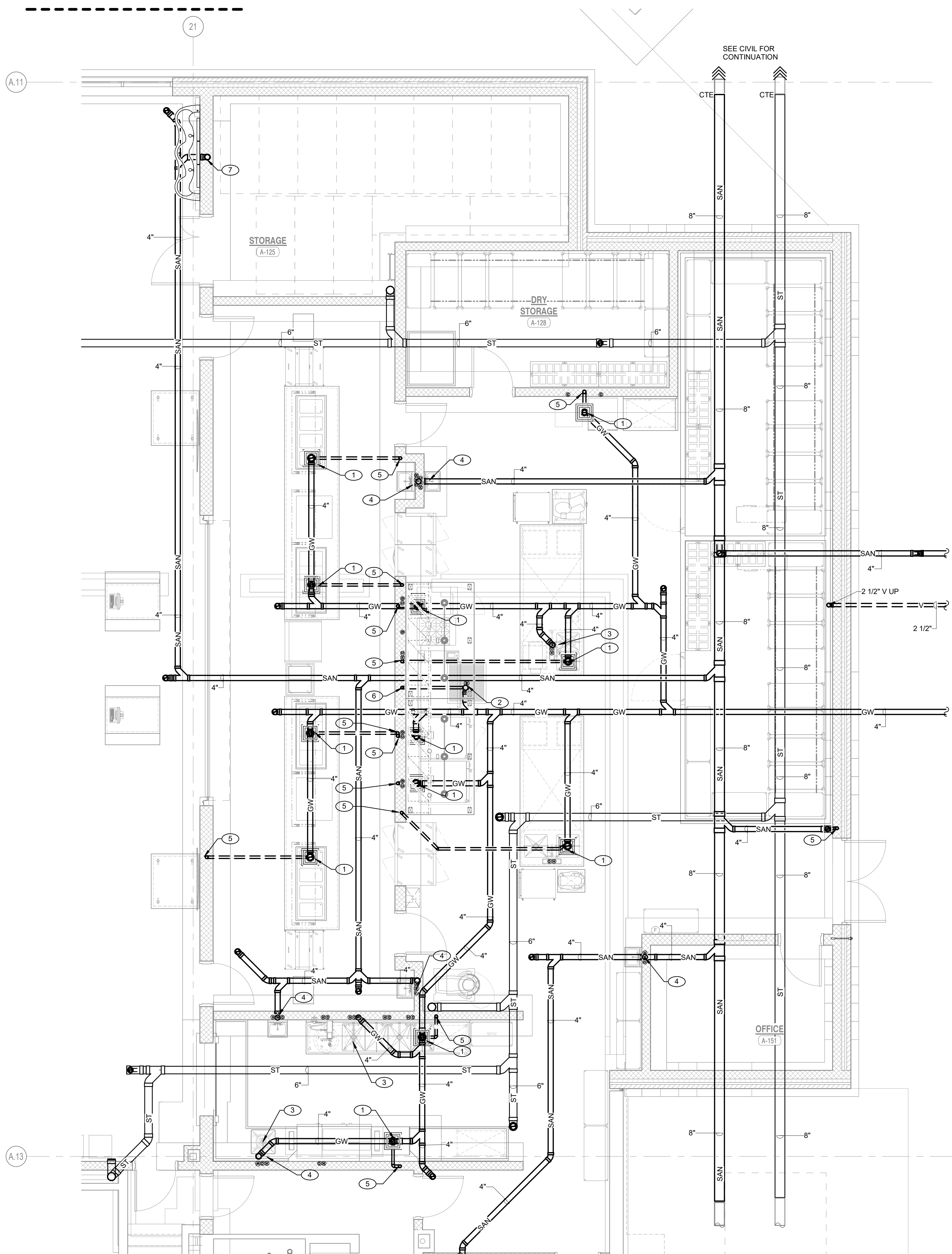
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SHEET

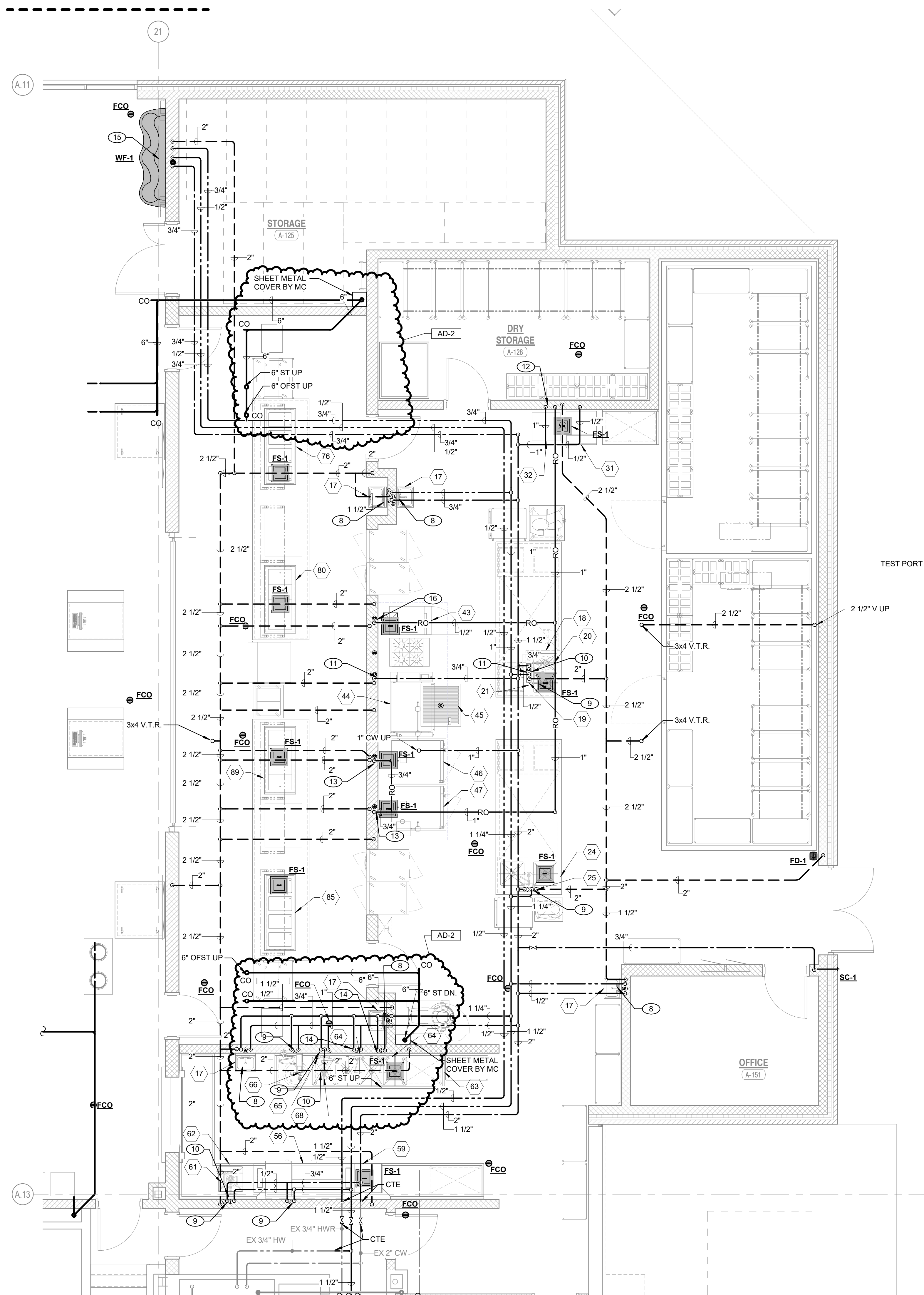
**P-301**

**SHEET NOTES**

- 4" GREASY WASTE PIPING UP TO FLOOR SINK.
- 3" GREASY WASTE PIPING UP TO KITCHEN EQUIPMENT.
- 2" GREASY WASTE PIPING UP TO KITCHEN EQUIPMENT.
- 1 1/2" SANITARY PIPING WASTE UP TO KITCHEN EQUIPMENT.
- 2" VENT PIPING UP.
- 1 1/2" VENT PIPING UP.
- 2" SANITARY PIPING UP TO WASH FOUNTAIN.
- 1/2" COLD WATER, 1/2" HOT WATER, AND 1 1/2" VENT PIPING DOWN TO KITCHEN EQUIPMENT.
- 1/2" COLD WATER AND 1/2" HOT WATER PIPING DOWN TO KITCHEN EQUIPMENT.
- 1/2" COLD WATER AND 1 1/2" VENT PIPING DOWN TO KITCHEN EQUIPMENT.
- 1" COLD WATER PIPING DOWN TO KITCHEN EQUIPMENT.
- 1" COLD WATER PIPING DOWN TO KITCHEN EQUIPMENT.
- 3/4" RO WATER PIPING DOWN TO KITCHEN EQUIPMENT.
- 3/4" COLD WATER AND 3/4" HOT WATER PIPING DOWN TO KITCHEN EQUIPMENT.
- 3/4" COLD WATER, 3/4" HOT WATER, AND 1 1/2" VENT PIPING DOWN TO WASH FOUNTAIN.
- 3/4" RO WATER PIPING DOWN TO KITCHEN EQUIPMENT.



**1 ENLARGED PLUMBING UNDERFLOOR PLAN**  
P-301 1/4" = 1'-0"



**2 ENLARGED PLUMBING FLOOR PLAN**  
P-301 1/4" = 1'-0"

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# GIBALTAR DESIGN

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PROJECT:

## Porter Lakes Elementary School Addition, Renovations and Related Work

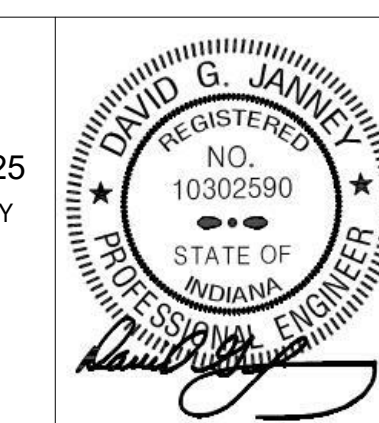
FOR:  
Porter Township

208 S 725 W, Hebron, IN 46341

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PROJECT 24-142  
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#### DRAWING ELECTRICAL GENERAL NOTES, SYMBOLS & ABBREVIATIONS

PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

GIBALTAR DESIGN SHEET

# E-001

## ABBREVIATIONS LIST

A	AMPS
AC	AIR CONDITIONING
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
BRKR	BREAKER
C	CONDUIT
CH	CABINET HEATER
CKT	CIRCUIT
DISTR	DISTRIBUTION
EF	EXHAUST FAN
ELEC	ELECTRICAL
EM	EMERGENCY
EMT	ELECTRICAL METALLIC TUBING
ER	EXISTING DEVICE TO BE REMOVED
EX	EXISTING DEVICE TO REMAIN
F	FUSE
F&I	FURNISH AND INSTALL
FS	FUSIBLE SWITCH
FVNR	FULL VOLTAGE, NON-REVERSING STARTER
G	GROUND
GF1	GROUND FAULT INTERRUPTING PROTECTION
GRC	GALVANIZED RIGID CONDUIT
HP	HORSEPOWER
J	JUNCTION BOX
KVA	KILOVOLT AMPERE
KW	KILOWATTS
LSI	LONG, SHORT, INSTANTANEOUS TRIP
MECH	MECHANICAL
MTD	MOUNTED
NE	NEW LOCATION OF EXISTING RELOCATED DEVICE
NIC	NOT IN CONTRACT
NL	NIGHTLIGHT
NTS	NOT TO SCALE
O/C	ON CENTER
P	POLE
PNL	PANEL
PH	PHASE
RR	REMOVE AND RELOCATE EXISTING DEVICE
SER	SERVICE ENTRANCE RATED
SW	SWITCH
TYP	TYPICAL
UN	UNLESS OTHERWISE NOTED
V	VOLTS
VIF	VERIFY IN FIELD
W	WATTS
WP	WEATHERPROOF TYPE DEVICE
WG	WIRE GUARD

## SYMBOL LIST

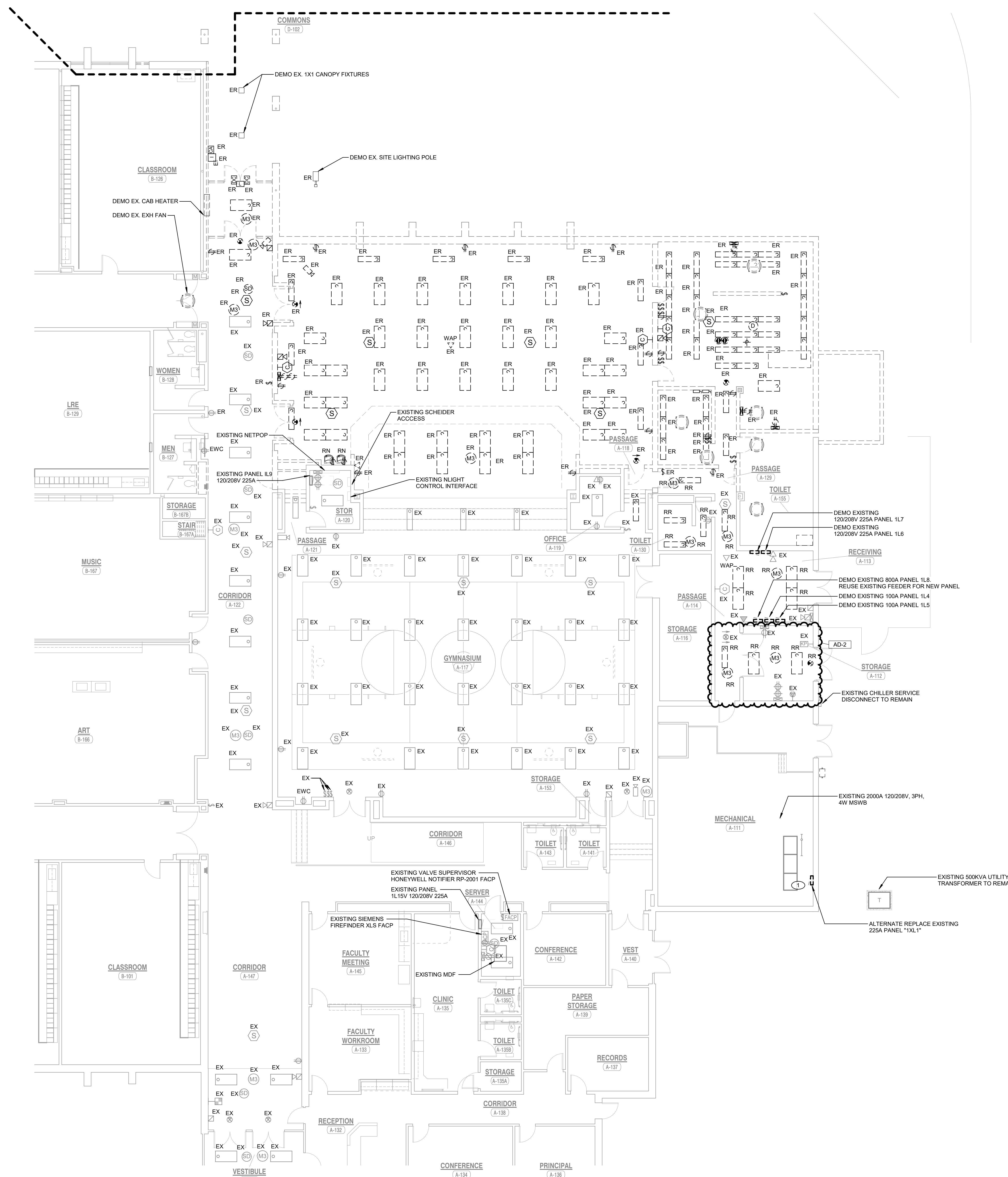
SHEET SYMBOLS	RECEPTACLES
HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE	120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #5362 OR EQUAL).
ELLIPSE TAG REFERENCE TO SHEET NOTES	120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPASH IF LOCATED ABOVE COUNTER) (HUBBELL #5362 OR EQUAL)
TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.	120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED AT SPECIAL HEIGHT - COORDINATE IN FIELD) (HUBBELL #5362 OR EQUAL)
REMOVE EXISTING DEVICE AND PROVIDE NEW AS INDICATED IN EXISTING BACK BOX, JUNCTION BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX, JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT NEW DEVICE AS INDICATED.	120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #GF20 OR EQUAL)
F&I NEW DEVICE AS INDICATED.	120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPASH IF LOCATED ABOVE COUNTER) (HUBBELL #GF20 OR EQUAL)
EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN.	SPECIAL PURPOSE OUTLET (AS NOTED ON PLAN OR SPECIFICATIONS)
EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE REMOVED COMPLETE IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE MOUNTED CONDUIT, OUTLETS, ETC. AND BLANK-OFF FLUSH WITH NEW OR EXISTING CONSTRUCTION. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.	FLUSH IN WALL TYPE PANEL CONSISTING WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH DATA JACK AND CABLING BACK TO IDF/MDF AS INDICATED IN THE DATA JACK SYMBOL. STUB 1" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT DEVICE AT 7'-0" A.F.F. AND COORDINATE MOUNTING HEIGHT WITH THE ARCHITECTURAL ELEVATIONS
REMOVE EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE TO NEW LOCATION COMPLETE AS REQUIRED.	WIREMOLD #RRF84 SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX RECEPTACLES AND TWO (2) DATA JACKS. PROVIDE CAT-6 PLENUM CABLE FROM EACH JACK TO NEAREST IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK, TEST AND LEAVE 10' SLACK LENGTH. STUB 1-1/4" CONDUITS FROM THE LOW VOLTAGE SECTION OF THE OF THE BOX TO THE ACCESSIBLE CEILING SPACE. PROVIDE SCRUB-RESISTANT COVER AND COORDINATE FINISH WITH ARCHITECT.
NEW LOCATION OF EXISTING RELOCATED LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. COMPLETE AS REQUIRED TO NEW LOCATION FOR A COMPLETE AND PROPER INSTALLATION.	TEACHER PANEL WITH TWO (2) DUPLEX RECEPTACLES AND SEPARATE BACK BOX WITH LOW VOLTAGE JACKS AND COVER PLATE. SEE SPECIFICATIONS AND TEACHER STATION AND PROJECTOR DETAIL FOR ADDITIONAL INFORMATION.

## FIRE ALARM

NOTE: FIRE ALARM DEVICES, MOUNTING HEIGHT, ETC. SHALL COMPLY WITH 'ADA' STANDARDS.	
FIRE ALARM CONTROL PANEL	FIRE ALARM CONTROL PANEL
FIRE ALARM ANNUNCIATOR PANEL	FIRE ALARM ANNUNCIATOR PANEL
FIRE ALARM PULL STATION MTD 42" AFF.	FIRE ALARM PULL STATION MTD 42" AFF.
FIRE ALARM AUDIO/VISUAL DEVICE MTD. 80" A.F. OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. - 110 CANDELA	FIRE ALARM AUDIO/VISUAL DEVICE MTD. 80" A.F. OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. - 110 CANDELA
FIRE ALARM STROBE ONLY MTD 80" AFF. - 15 CANDELA	FIRE ALARM STROBE ONLY MTD 80" AFF. - 15 CANDELA
FIRE ALARM STROBE ONLY MTD 80" AFF. - 75 CANDELA	FIRE ALARM STROBE ONLY MTD 80" AFF. - 75 CANDELA
FIRE ALARM STROBE ONLY MTD 80" AFF. - 110 CANDELA	FIRE ALARM STROBE ONLY MTD 80" AFF. - 110 CANDELA
FIRE ALARM STROBE ONLY MTD 80" AFF.	FIRE ALARM STROBE ONLY MTD 80" AFF.
FIRE ALARM SYSTEM SMOKE DETECTOR - CEILING MOUNTED - ABOVE FACP	FIRE ALARM SYSTEM SMOKE DETECTOR - CEILING MOUNTED - ABOVE FACP
FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR WIRE TO CONTROL LOCAL FAN SHUT DOWN RELAY - DUCT DETECTOR TO BE MOUNTED IN AIR DUCT SYSTEM AND WIRE PER MANUFACTURER'S RECOMMENDATIONS AND NFPA 72	FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR WIRE TO CONTROL LOCAL FAN SHUT DOWN RELAY - DUCT DETECTOR TO BE MOUNTED IN AIR DUCT SYSTEM AND WIRE PER MANUFACTURER'S RECOMMENDATIONS AND NFPA 72
REMOTE SMOKE DETECTOR TEST STATION WITH LED AND KEYED SWITCH.	REMOTE SMOKE DETECTOR TEST STATION WITH LED AND KEYED SWITCH.
FIRE ALARM CONTROL RELAY IN AIR HANDLING UNIT CONTROL PANEL WIRE TO SHUT DOWN FANS UPON FIRE ALARM SYSTEM ACTIVATION - NOTE: FANS TO AUTOMATICALLY RESTART UPON FIRE ALARM SYSTEM RESET. ALSO, RELAYS SHALL BE INTERFACED TO FIRE DOORS TO DISENGAGE UPON ACTIVATION OF THE FIRE ALARM SYSTEM.	FIRE ALARM CONTROL RELAY IN AIR HANDLING UNIT CONTROL PANEL WIRE TO SHUT DOWN FANS UPON FIRE ALARM SYSTEM ACTIVATION - NOTE: FANS TO AUTOMATICALLY RESTART UPON FIRE ALARM SYSTEM RESET. ALSO, RELAYS SHALL BE INTERFACED TO FIRE DOORS TO DISENGAGE UPON ACTIVATION OF THE FIRE ALARM SYSTEM.
FIRE PROTECTION SPRINKLER FLOW SWITCH	FIRE PROTECTION SPRINKLER FLOW SWITCH
FIRE PROTECTION SPRINKLER TAMPER SWITCH	FIRE PROTECTION SPRINKLER TAMPER SWITCH
FIRE PROTECTION SPRINKLER ALARM BELL - INSTALLED AND WIRE	FIRE PROTECTION SPRINKLER ALARM BELL - INSTALLED AND WIRE
ELECTROMAGNETIC WALL MOUNTED DOOR HOLDER OR WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME.	ELECTROMAGNETIC WALL MOUNTED DOOR HOLDER OR WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME.

## EQUIPMENT AND WIRING

JUNCTION BOX - SIZE AND TYPE AS REQUIRED.	JUNCTION BOX - SIZE AND TYPE AS REQUIRED.
FLEX CONDUIT CONNECTION	FLEX CONDUIT CONNECTION
ELECTRIC PANELBOARDS.	ELECTRIC PANELBOARDS.
DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED - COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER	DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED - COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER
FUSED DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED - COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER	FUSED DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED - COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER
TRANSFORMER - SIZE AND TYPE AS REQUIRED	TRANSFORMER - SIZE AND TYPE AS REQUIRED
SURGE SUPPRESSION DEVICE	SURGE SUPPRESSION DEVICE
TELEPHONE TERMINAL BOARD	TELEPHONE TERMINAL BOARD
CONDUIT STUB INTO ACCESSIBLE CEILING SPACE TERMINATE W/ INSULATING BUSHING	CONDUIT STUB INTO ACCESSIBLE CEILING SPACE TERMINATE W/ INSULATING BUSHING
CONDUIT CONCEALED ABOVE CEILING OR IN WALL	CONDUIT CONCEALED ABOVE CEILING OR IN WALL
CONDUIT CONCEALED IN OR BELOW FINISHED FLOOR.	CONDUIT CONCEALED IN OR BELOW FINISHED FLOOR.
CONDUIT EXPOSED ON CEILING, WALL OR BAR JOIST - ROUTED IN NEAT MANNER	CONDUIT EXPOSED ON CEILING, WALL OR BAR JOIST - ROUTED IN NEAT MANNER
FLEXIBLE CONDUIT - ROUTED IN NEAT MANNER WITHIN CHASE OF CASEWORK.	FLEXIBLE CONDUIT - ROUTED IN NEAT MANNER WITHIN CHASE OF CASEWORK.
HOMERUN TO PANEL INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL.	HOMERUN TO PANEL INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL.
INDICATES NUMBER OF CONDUCTORS IN CONDUIT (CONTRACTOR SHALL VERIFY AND INSTALL ADDITIONAL WHERE REQUIRED); CROSS HATCHED INDICATES NUMBER OF CONDUCTORS (HOT OR SWITCHED LEG, NEUTRAL, GROUND)	INDICATES NUMBER OF CONDUCTORS IN CONDUIT (CONTRACTOR SHALL VERIFY AND INSTALL ADDITIONAL WHERE REQUIRED); CROSS HATCHED INDICATES NUMBER OF CONDUCTORS (HOT OR SWITCHED LEG, NEUTRAL, GROUND)
PULL BOX, VERIFY EXACT SIZE IN FIELD.	PULL BOX, VERIFY EXACT SIZE IN FIELD.
SPICE BOX, VERIFY EXACT SIZE IN FIELD.	SPICE BOX, VERIFY EXACT SIZE IN FIELD.
CONDUIT STUB UP OUT OF FLOOR	CONDUIT STUB UP OUT OF FLOOR
SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS. WIRE BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER.	SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS. WIRE BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER.



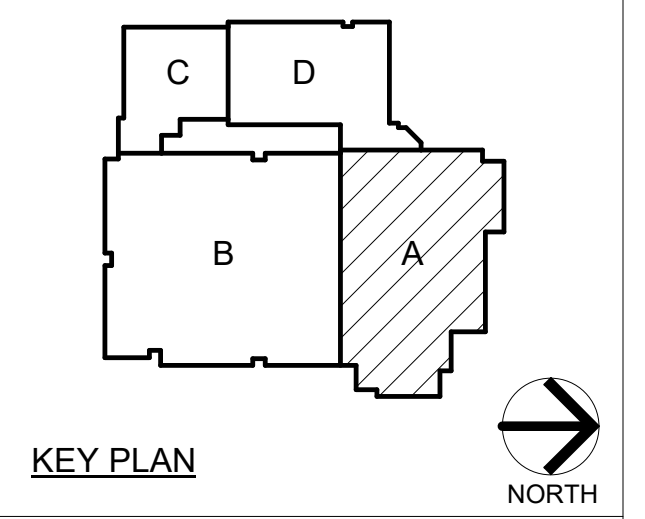
- GENERAL NOTES**
- REFER TO DEMOLITION NOTES FOR ADDITIONAL DEMOLITION INFORMATION
- SHEET NOTES**
- EXISTING PANEL TO BE REMOVED AND REPLACED. PROVIDE SPICE BOX IN ACCESSIBLE CEILING SPACE ABOVE, AND RECESSED IN FLOOR BELOW AS REQUIRED TO INTERCEPT EXISTING BRANCH CIRCUITRY AND BOTTOM FEED FEEDERS FOR EXTENSION TO NEW PANEL LOCATION. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.



PROJECT:  
**Porter Lakes Elementary School Addition, Renovations and Related Work**

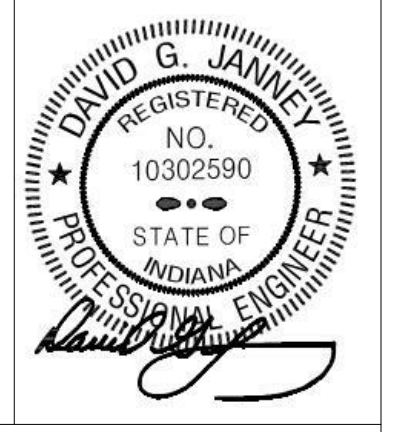
FOR:  
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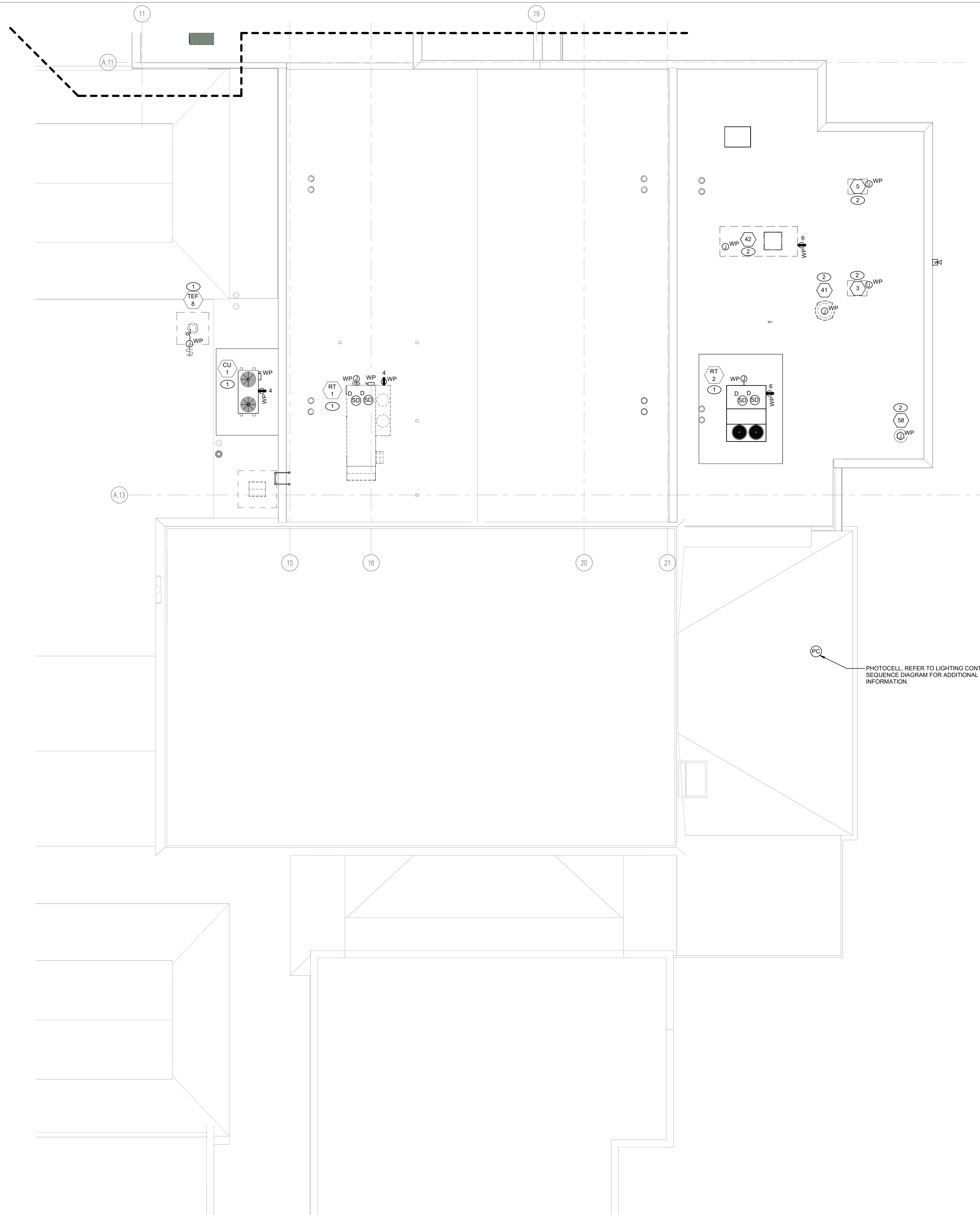
DRAWING  
**FIRST FLOOR ELECTRICAL DEMOLITION PLAN - AREA A**

PROJECT  
 Porter Lakes Elementary School Addition, Renovations and Related Work

DRAWING NO. **A ED101**

**1 FIRST FLOOR ELECTRICAL DEMOLITION PLAN - AREA A**  
 ED101/ 1/8" = 1'-0"

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**GENERAL NOTES**

1. CIRCUIT ALL DEVICES TO NEW PANEL 1L4 UNLESS OTHERWISE NOTED.

**SHEET NOTES**

1. REFER TO MECHANICAL CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.

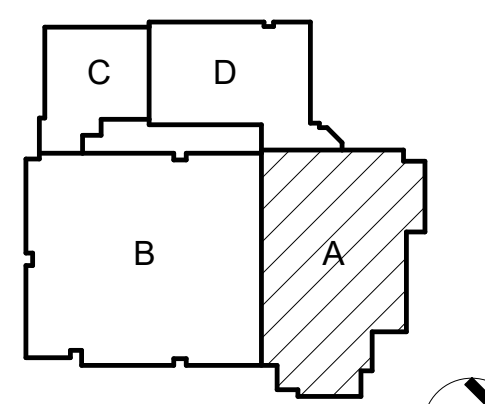
2. REFER TO FOOD SERVICE EQUIPMENT SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.



PROJECT:  
**Porter Lakes Elementary School Addition, Renovations and Related Work**

FOR:  
Porter Township

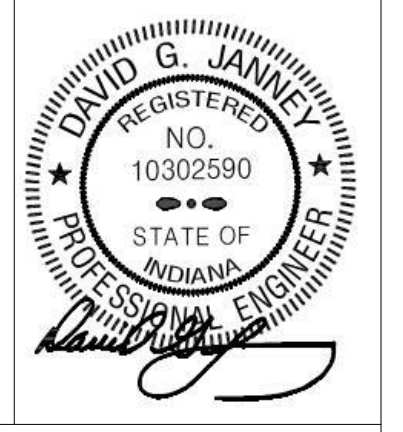
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PHOTOCELL, REFER TO LIGHTING CONTROL SEQUENCE DIAGRAM FOR ADDITIONAL INFORMATION.

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DRAWING  
**ROOF ELECTRICAL POWER PLAN - AREA A**

PROJECT  
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**A EP201**

**1**  
EP201 / 1/8" = 1'-0"



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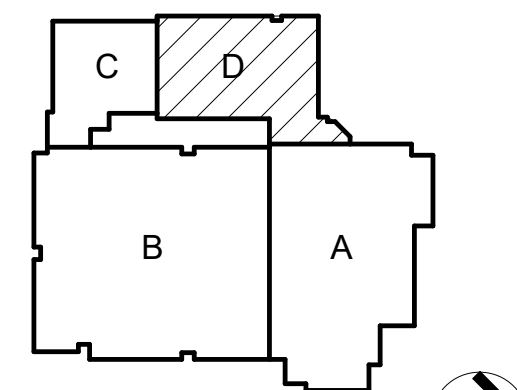


PROJECT:

**Porter Lakes  
Elementary  
School Addition,  
Renovations and  
Related Work**

FOR:  
Porter Township

208 S 725 W, Hebron, IN 46341



KEY PLAN  
NORTH

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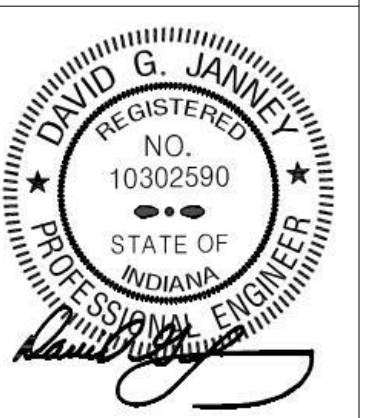
PROJECT  
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DRAWING  
**ROOF ELECTRICAL POWER  
PLAN - AREA D**

PROJECT  
Porter Lakes Elementary School  
Addition, Renovations and Related  
Work

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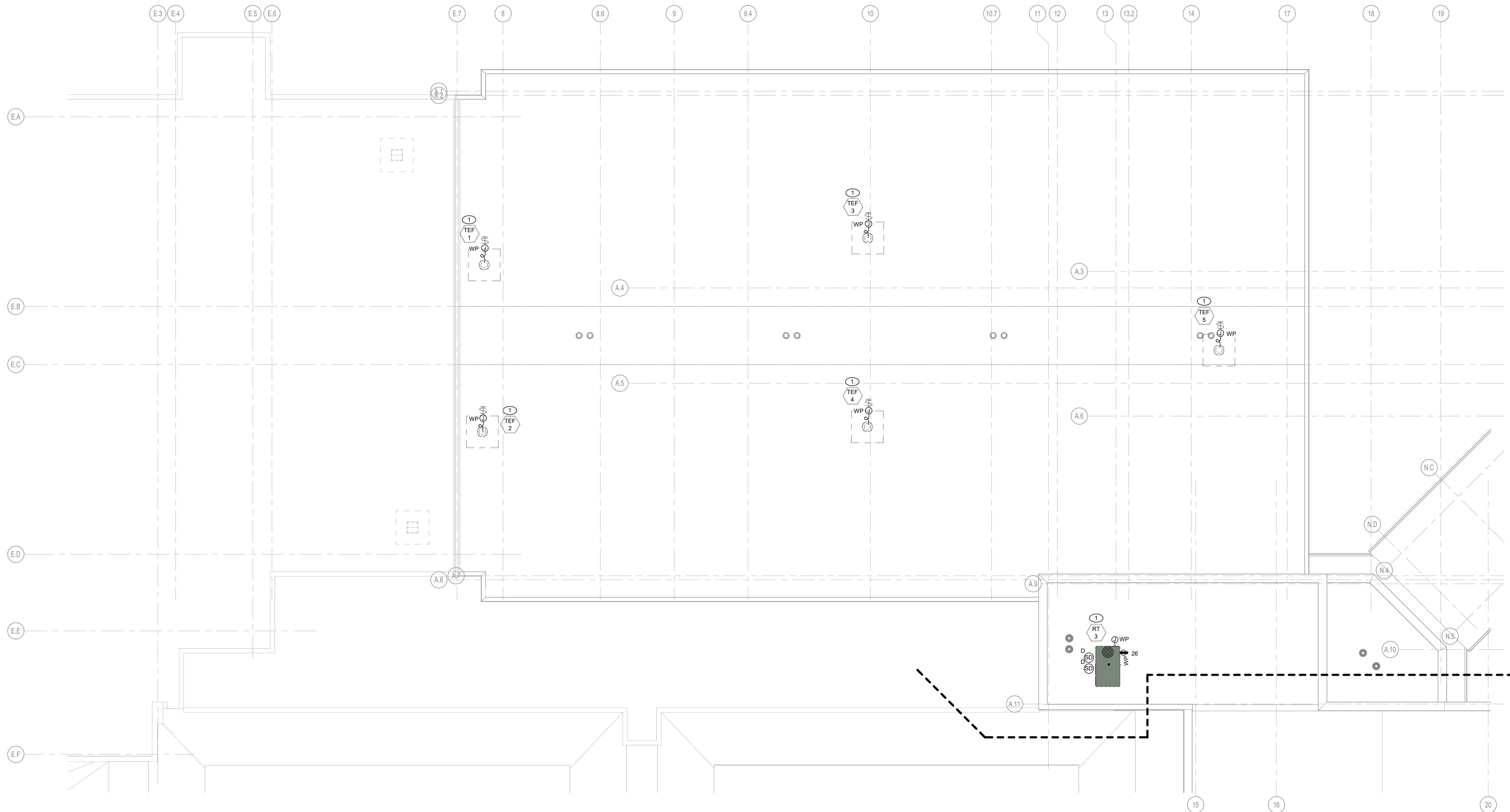
**D EP202**

**GENERAL NOTES**

1. CIRCUIT ALL DEVICES TO RELOCATED PANEL 1L16 UNLESS OTHERWISE NOTED.

**SHEET NOTES**

1. REFER TO MECHANICAL CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.



**1 ROOF ELECTRICAL POWER PLAN - AREA D**  
EP202 1/8" = 1'-0"







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208 S 725 W, Hebron, IN 46341

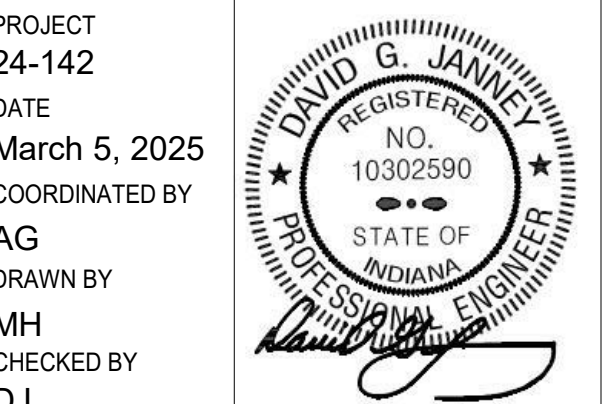
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PROJECT 24-142 DATE March 5, 2025 COORDINATED BY AG DRAWN BY MH CHECKED BY DJ

REVISIONS MARK DATE ISSUED FOR AD-2 3/21/25 ADDENDUM NO.2

DRAWING ELECTRICAL SCHEDULES

PROJECT Porter Lakes Elementary School Addition, Renovations and Related Work

GIBRALTAR DESIGN SHEET

E-501

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NEW PANEL 1L4. Location: RECEIVING A-113. Supply From: 1L3. Phases: 3. Main Rating: 200 A. Bus: COPPER. Table with 20 columns (CKT, CIRCUIT DESCRIPTION, LEG, TRIP, POLES, A, B, C, A, B, C, POLES, TRIP, LEG, CIRCUIT DESCRIPTION, CKT) and 72 rows.

RELOCATED PANEL 1L16. Location: CLOSET D-132. Supply From: MSWB. Phases: 3. Main Rating: 400 A. Bus: COPPER. Table with 20 columns (CKT, CIRCUIT DESCRIPTION, TRIP, POLES, A, B, C, A, B, C, POLES, TRIP, CIRCUIT DESCRIPTION, CKT) and 72 rows.

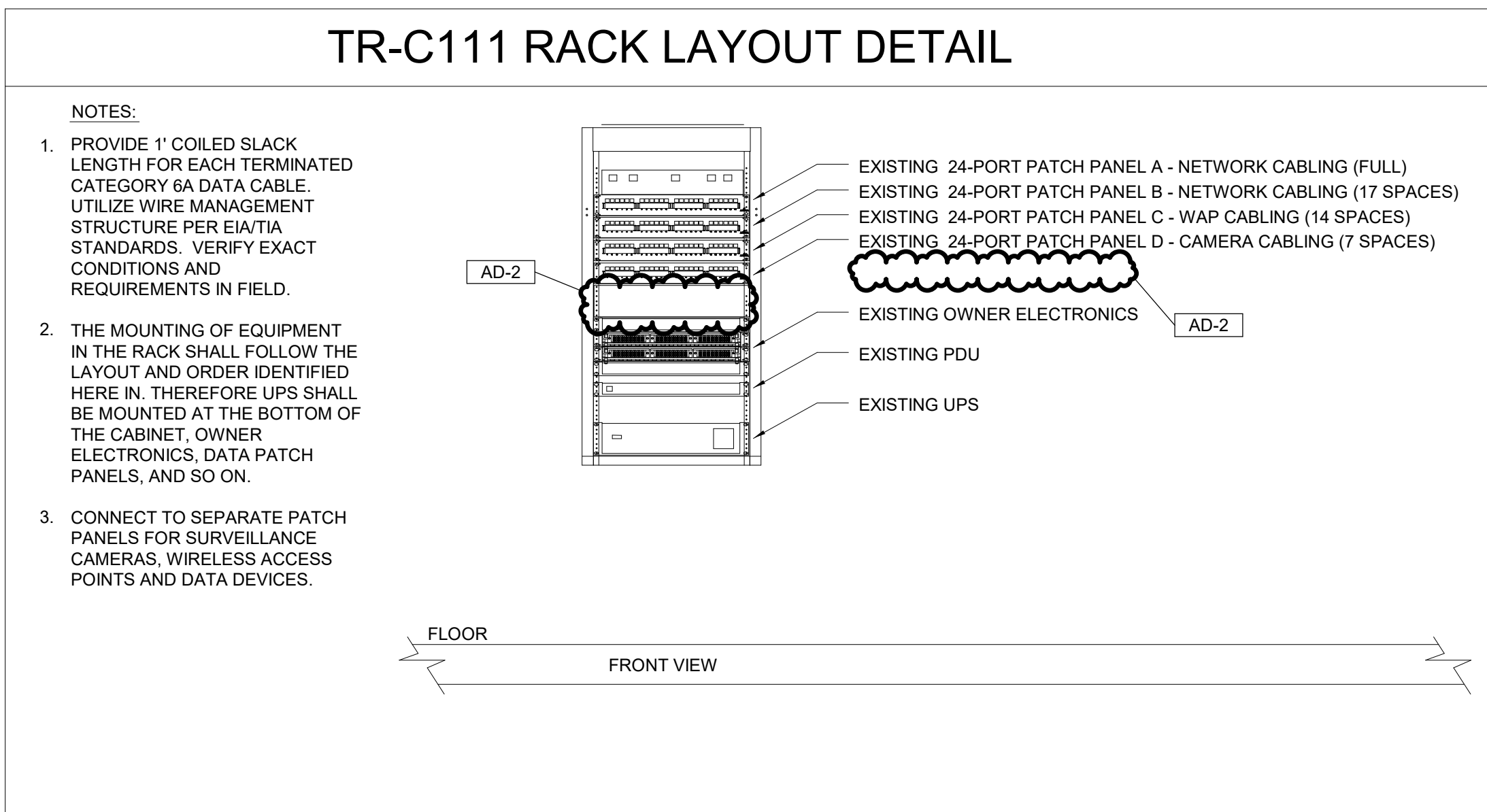
NEW PANEL 1L17. Location: ELEC./I.T.C-111. Supply From: 1L16. Phases: 3. Main Rating: 125 A. Bus: COPPER. Table with 20 columns (CKT, CIRCUIT DESCRIPTION, TRIP, POLES, A, B, C, A, B, C, POLES, TRIP, CIRCUIT DESCRIPTION, CKT) and 72 rows.

NEW PANEL 1L6 (TUB 2). Location: KITCHEN A-127. Supply From: NEW PANEL 1L6. Phases: 3. Main Rating: 400 A. Bus: COPPER. Table with 20 columns (CKT, CIRCUIT DESCRIPTION, TRIP, POLES, A, B, C, A, B, C, POLES, TRIP, CIRCUIT DESCRIPTION, CKT) and 120 rows.

NEW PANEL 1L6 (TUB 1). Location: KITCHEN A-127. Supply From: 1L3. Phases: 3. Main Rating: 400 A. Bus: COPPER. Table with 20 columns (CKT, CIRCUIT DESCRIPTION, LEG, TRIP, POLES, A, B, C, A, B, C, POLES, TRIP, LEG, CIRCUIT DESCRIPTION, CKT) and 60 rows.

NEW PANEL 2L1. Location: MECHANICAL. Supply From: MSWB. Phases: 3. Main Rating: 400 A. Bus: COPPER. Table with 20 columns (CKT, CIRCUIT DESCRIPTION, LEG, TRIP, POLES, A, B, C, A, B, C, POLES, TRIP, LEG, CIRCUIT DESCRIPTION, CKT) and 42 rows.

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### TECHNOLOGY SYMBOL LIST

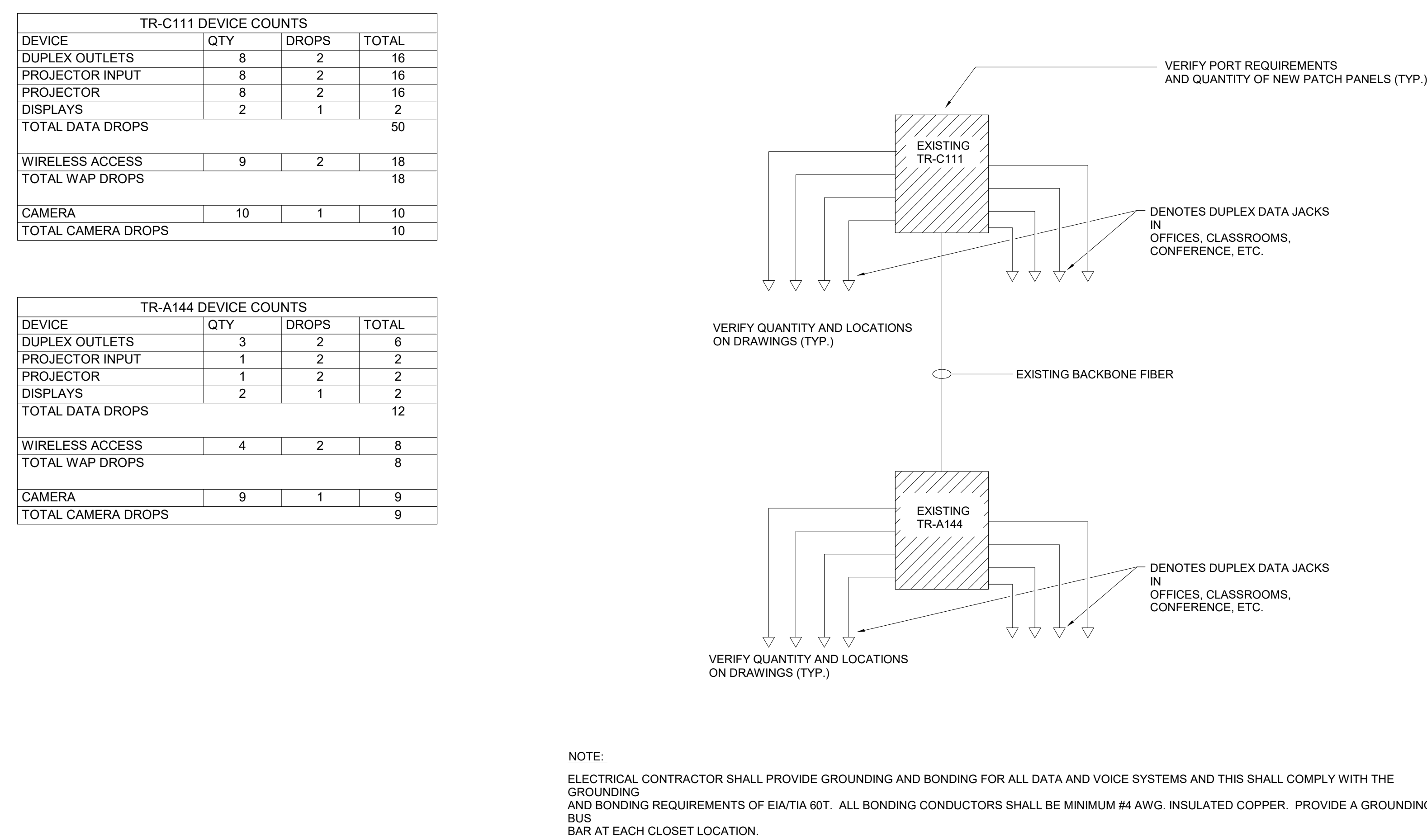
- HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE
- ELLIPSE TAG REFERENCE TO SHEET NOTES
- SQUARE TAG REFERENCE
- TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.
- REMOVE EXISTING DEVICE AND PROVIDE NEW AS INDICATED IN EXISTING BACK BOX, JUNCTION BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX, JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT NEW DEVICE AS INDICATED.
- EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN.
- EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE REMOVED COMPLETE IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE MOUNTED CONDUIT, OUTLETS, ETC. AND BLANK-OFF FLUSH WITH NEW OR EXISTING CONSTRUCTION. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- REMOVE EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE TO NEW LOCATION COMPLETE AS REQUIRED.
- NEW LOCATION OF EXISTING RELOCATED LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. EXTEND CONDUIT, WIRE, CABLE, ETC. COMPLETE AS REQUIRED TO NEW LOCATION FOR A COMPLETE AND PROPER INSTALLATION.
- CARD ACCESS READER - ROUGH-IN ONLY - PROVIDE BACK BOX MOUNTED 42" A.F.F. WITH 3/4" ROUTED TO THE ACCESSIBLE CEILING SPACE.
- ELECTRIC DOOR STRIKE - STUB 3/4" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.
- SECURITY SYSTEM DOOR CONTACT - ROUGH-IN ONLY - ROUTE 3/4" FROM THE ACCESSIBLE CEILING SPACE AND STUB INTO THE DOOR MULLION.
- AIPHONE EXTERIOR DOOR INTERCOM SYSTEM - MOUNTED 48" A.F.F. PROVIDE BACK BOX WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE. INTERFACE TO EXISTING DOOR INTERCOM SYSTEM IN MAIN OFFICE.
- AIPHONE INTERIOR DOOR INTERCOM SYSTEM - MOUNTED 48" A.F.F. PROVIDE BACK BOX WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE. INTERFACE TO BOTH EXISTING DOOR INTERCOM SYSTEM IN MAIN OFFICE AND NEW EXTERIOR CALL STATION AT KITCHEN RECEIVING.
- AIPHONE DOOR INTERCOM POWER SUPPLY. CONNECT TO NEAREST LOCAL RECEPTACLE.
- DOOR RELEASE BUZZER
- DOOR OPERATOR PUSH BUTTON FURNISHED BY OTHERS, WIRED AND INSTALLED BY CONTRACTOR. PROVIDE TWO (2) GANG BACK-BOX MOUNTED AT 42" A.F.F. WITH 3/4" ROUTED DOOR OPERATOR.
- SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS, WIRED BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER.
- SURVEILLANCE CAMERA - INTERIOR CEILING MOUNTED DOME CAMERA - PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" ROUTED TO THE ACCESSIBLE CEILING SPACE. PROVIDE CAT-6A PLENUM CABLE. FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.
- EXTERIOR SURVEILLANCE CAMERA - MOUNTED 12'-0" A.F.F. VERIFY HEIGHT IN FIELD. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4". ROUTED IN INTERIOR ACCESSIBLE CEILING SPACE. COORDINATE EXACT BACK BOX CONFIGURATION WITH CAMERA MOUNT TO ENSURE BACK BOX IS LOCATED CONCEALED BEHIND ARM MOUNTING PLATE WHERE POSSIBLE. PROVIDE CAT-6A PLENUM CABLE. FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.
- DUPLEX DATA OUTLET - WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING - MOUNTED 19" A.F.F. WHEN MOUNTED ADJACENT TO AN ELECTRICAL RECEPTACLE OR AS NOTED. PROVIDE CAT-6A PLENUM CABLE. FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH.
- DUPLEX DATA OUTLET FOR WIRELESS ACCESS POINTS - LOCATED ABOVE ACCESSIBLE CEILING SPACE AND 6" ABOVE THE GRID OR TIGHT TO THE ROOF DECK WHERE NO CEILINGS EXIST. PROVIDE 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE CAT-6A PLENUM CABLE. FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 CAT-6A JACK. TEST AND LEAVE 10' SLACK LENGTH.
- WIREMOLD #RFBM SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX RECEPTACLES AND TWO (2) DATA JACKS. PROVIDE CAT-6A PLENUM CABLE. FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH. PROVIDE (2) HDMI OUTLETS, (1) 3.5MM OUTLET, AND EXTEND CABLING FROM EACH JACK TO ASSOCIATED PROJECTOR INPUT STATION.
- WALL MOUNTED SHORT THROW PROJECTOR LOCATION WITH ONE (1) QUAD RECEPTACLE MOUNTED IN A 2-GANG BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH 1-1/4" STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. SUPPORT BOXES FROM STRUCTURE WITH UNISTRUT AS REQUIRED. PROVIDE DUPLEX DATA OUTLET WITH CAT-6A PLENUM CABLE. FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH. PROVIDE (2) HDMI OUTLETS, (1) 3.5MM OUTLET, AND EXTEND CABLING FROM EACH JACK TO ASSOCIATED PROJECTOR INPUT STATION.
- CEILING MOUNTED PROJECTOR LOCATION WITH ONE (1) QUAD RECEPTACLE MOUNTED IN A 2-GANG BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH 1-1/4" STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. SUPPORT BOXES FROM STRUCTURE WITH UNISTRUT AS REQUIRED. PROVIDE DUPLEX DATA OUTLET WITH CAT-6A PLENUM CABLE. FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH. PROVIDE (2) HDMI OUTLETS, (1) 3.5MM OUTLET, AND EXTEND CABLING FROM EACH JACK TO ASSOCIATED PROJECTOR INPUT STATION. SEE SPECIFICATIONS FOR PROJECTOR HARDWARE REQUIREMENTS.
- FLUSH IN WALL PROJECTOR INPUT STATION WITH ONE (1) QUAD RECEPTACLE MOUNTED IN A 2-GANG BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH 1-1/4" STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE DUPLEX DATA OUTLET WITH CAT-6A PLENUM CABLE. FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH. PROVIDE (2) HDMI OUTLETS, (1) 3.5MM OUTLET, AND EXTEND CABLING FROM EACH JACK TO ASSOCIATED PROJECTOR STATION.
- FLUSH IN WALL TV" PANEL WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A 2-GANG BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH 1" STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE DUPLEX DATA OUTLET WITH CAT-6A PLENUM CABLE. FROM EACH JACK, TO NEAREST TR LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH. MOUNT DEVICE AT 7'-0" A.F.F. AND COORDINATE MOUNTING HEIGHT WITH THE ARCHITECTURAL ELEVATIONS PRIOR TO ROUGH-IN. DISPLAYS AND MOUNTS FURNISHED BY OWNER. INSTALLED BY CONTRACTOR.
- LAY-IN CEILING SPEAKER FOR CLASSROOM AUDIO SYSTEM - SPEAKERS AND AMPLIFIER EQUIPMENT FURNISHED BY OWNER, INSTALLED AND WIRED BY CONTRACTOR.
- RECESSED HIGH/LOW FULL RANGE SPEAKERS. PROPERLY SUPPORT SPEAKER TO STRUCTURE ABOVE. EXTEND 3/4" CONDUIT TO THE SOUND SYSTEM CABINET. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.
- EXTERIOR RECESS MOUNTED WEATHERPROOF SPEAKER HORN - EXTEND 3/4" CONDUIT WITH INSULATED BUSHING TO ACCESSIBLE CEILING SPACE. EXTEND SPEAKER CABLING BACK TO INTERCOM SYSTEM. COMPLETE AS REQUIRED. MOUNTED AT 12'-0" A.F.F. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- PAGING CEILING SPEAKERS - WITH AIR PLENUM BACK BOX AND 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT IN SURFACE BOX WHERE NO CEILINGS EXIST. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- WALL MOUNTED 12" ROUND CLOCK UNIT MOUNTED 7'-0" A.F.F. (OR AS OTHERWISE NOTED), PROVIDE BACK BOX WITH 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- WALL MOUNTED DOUBLE FACED 12" ROUND CORRIDOR CLOCK MOUNTED 7'-0" A.F.F. - EXTEND 3/4" CONDUIT WITH INSULATED BUSHING TO ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- VOLUME CONTROL - MOUNTED 42" A.F.F. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

### TECHNOLOGY GENERAL NOTES

- WORK SHALL COMPLY WITH LOCAL, STATE AND NATIONAL ELECTRIC CODES, AMERICANS WITH DISABILITIES ACT.
- REFER TO ARCHITECTURAL PLANS AND ELEVATIONS FOR ADDITIONAL TECHNOLOGY INFORMATION AND REQUIREMENTS. IN ALL CASES DEVICE MOUNTING HEIGHTS AND LOCATIONS SHALL CONFORM TO THE LATEST AMERICANS WITH DISABILITIES FEDERAL STANDARDS.
- EXCAVATION NECESSARY FOR COMPLETION OF WORK SHALL BE PROVIDED. COORDINATE WITH ONE ANOTHER TO SHARE TRENCHES WHEREVER POSSIBLE.
- REFER TO THE PLANS FOR ADDITIONAL TECHNOLOGY WORK AND REQUIREMENTS.
- COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.
- SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT ALL TIMES. REQUIRED SHUTDOWN OF EXISTING FACILITY UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL.
- LAYOUT IS DIAGRAMMATIC. INSTALL DEVICES, CONDUIT AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING WORK AND SUBMIT COMPLETE SHOP DRAWINGS AS PER SPECIFICATIONS.
- VISIT SITE PRIOR TO BID TO DETERMINE AND VERIFY EXISTING INTERIOR AND EXTERIOR TECHNOLOGY SYSTEMS TO VERIFY QUANTITIES AND LOCATIONS OF EXISTING SYSTEMS TO DETERMINE FULL EXTENT OF WORK. INCLUDE THE NECESSARY MODIFICATIONS TO THE EXISTING CONDITIONS (INCLUDING CEILINGS, WALLS, FLOORS, PIPES, CONDUIT, ROOF WORK, ETC.) AS REQUIRED. TO ALLOW FOR PROPER INSTALLATION OF WORK. ADJUST INSTALLATIONS TO MEET FIELD CONDITIONS AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED. EXISTING EQUIPMENT, CONDUIT, PIPING, ETC. SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET NEW SCOPE OF WORK.
- HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY BROUGHT TO ATTENTION IN WRITTEN FORM FOR REVIEW AND DIRECTION. FAILURE TO DO SO SHALL REQUIRE THE CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION TO BE COMPLETED AT NO COST. EXISTING EQUIPMENT NOT IDENTIFIED SHALL BE BROUGHT TO ATTENTION FOR REVIEW AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.
- REMOVE AND REINSTALL EXISTING CEILINGS NOT BEING REPLACED (INCLUDING LIGHTS, MOTION SENSORS, FIRE ALARM DEVICES AND ANY OTHER TECHNOLOGY DEVICES AS REQUIRED.) WHERE NECESSARY TO PERFORM WORK. THIS ALSO INCLUDES EXISTING CEILINGS OF PLASTER, DRYWALL, ETC. COORDINATE WORK IN CEILING SPACE SO AS TO MINIMIZE THE AMOUNT OF CEILINGS WHICH MUST BE REMOVED AND REINSTALLED. REVIEW THE ENTIRE SET OF CONTRACT DOCUMENTS IN ORDER TO FULLY UNDERSTAND AND INCLUDE CEILING WORK NECESSARY FOR WORK ON THE PROJECT. WHEN THE WORK IS COMPLETED IN THE SPACE, REINSTALL OR PATCH EXISTING CEILINGS, REINSTALL DEVICES AND EQUIPMENT AND REPAIR DAMAGE AS REQUIRED TO COMPLETELY MATCH EXISTING CONDITIONS. REPAIR OR REPLACE ANY DAMAGE CAUSED TO EXISTING CEILING AREAS.
- REMOVE EXISTING CONSTRUCTION AS REQUIRED AT EXISTING WALLS, FLOORS, PIPE CHASES, SURFACES, FINISHES, ETC. WHICH ARE AFFECTED. REPAIR EXISTING SURFACES AFFECTED, TO MATCH EXISTING SURFACE OF EQUAL OR BETTER QUALITY TO THE SATISFACTION OF THE OWNER'S REPRESENTATIVE.
- COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS.
- EXISTING TECHNOLOGY DEVICES, CONDUIT, ETC. SHALL BE REMOVED AS NOTED ON DRAWINGS AND AS REQUIRED TO MEET NEW SCOPE OF WORK. EXISTING TECHNOLOGY EQUIPMENT SHALL REMAIN PROPERTY OF THE OWNER AND SHALL BE PROPERLY STORED ON SITE, OR DESIGNATED TO BE ABANDONED AND REMOVED FROM SITE AS DIRECTED BY OWNER.
- PERFORM CUTTING AND PATCHING OF EXISTING FLOOR SLABS AND WALLS AS REQUIRED FOR THE INSTALLATION OF TECHNOLOGY SYSTEMS.
- EXISTING TECHNOLOGY DEVICES WITHIN WALLS TO BE REMOVED SHALL BE DISCONNECTED COMPLETELY. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
- WHERE INDICATED ON THE DRAWINGS IN UNFINISHED SPACES, RUN EXPOSED RACEWAYS PARALLEL WITH OR AT RIGHT ANGLES TO WALL.
- NO RACEWAYS SHALL BE INSTALLED WITHIN 6" OF STEAM, HOT WATER PIPES OR SIMILAR HEAT PRODUCING APPLIANCES.
- PROVIDE PULL WIRE IN EACH RACEWAY IN WHICH WIRING IS NOT INSTALLED.
- COVERS OF JUNCTION OR PULL BOXES SHALL BE ACCESSIBLE AND IDENTIFIED PER SPECIFICATIONS. JUNCTION OR PULL BOXES AND THE LIKE SHALL BE INDEPENDENTLY SUPPORTED TO BUILDING STRUCTURE WITH NO WEIGHT BEARING ON RACEWAYS.
- UNLESS OTHERWISE NOTED, DEVICE ELEVATIONS REFER TO CENTER LINE OF JUNCTION BOX. VERIFY JUNCTION BOX LOCATIONS WITH FINAL EQUIPMENT LAYOUT PRIOR TO ROUGHING IN SAME.

AD-2

### NETWORK CABLING DIAGRAM



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PROJECT:  
**Porter Lakes Elementary School Addition, Renovations and Related Work**

FOR:  
Porter Township

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PROJECT 24-142  
DATE March 5, 2025  
COORDINATED BY AG  
DRAWN BY MH  
CHECKED BY DJ

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REVISIONS

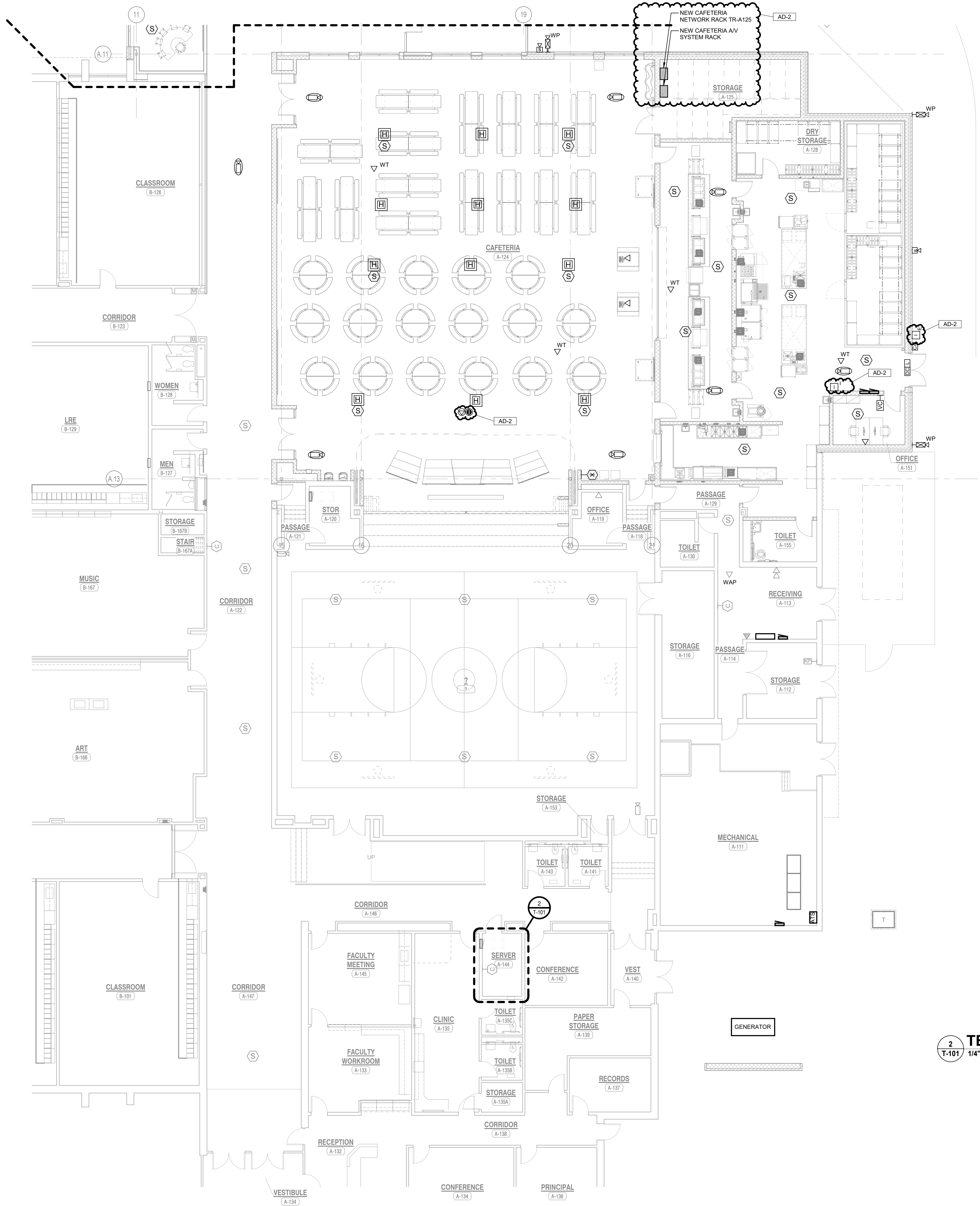
MARK	DATE	ISSUED FOR
AD-2	3/21/25	ADDENDUM NO.2

DRAWING TECHNOLOGY NOTES, SYMBOLS & ABBREVIATIONS

PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

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**T-001**



**GENERAL NOTES**

1. ALL HORIZONTAL CABLING WITHIN THIS AREA SERVED FROM EXISTING TR-A125



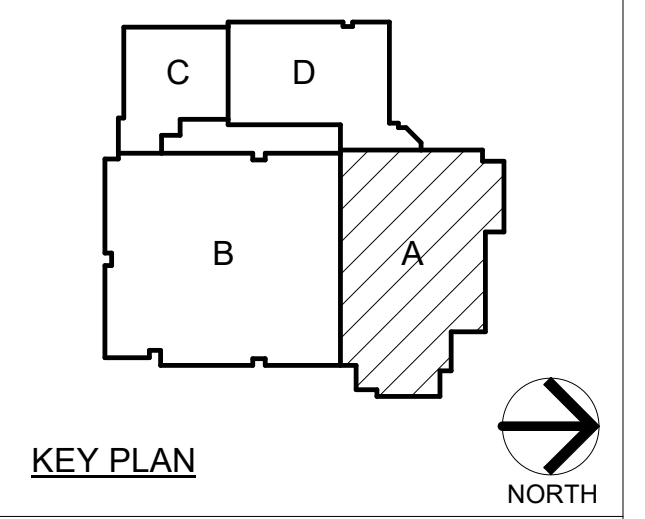
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PROJECT:  
**Porter Lakes Elementary School Addition, Renovations and Related Work**

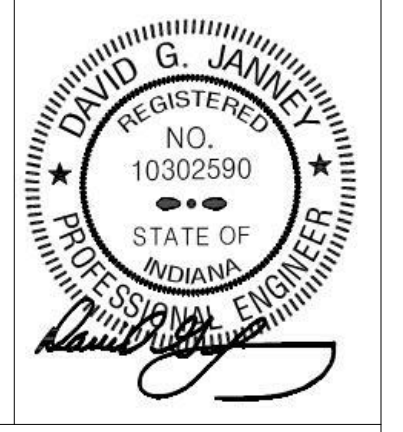
FOR:  
 Porter Township

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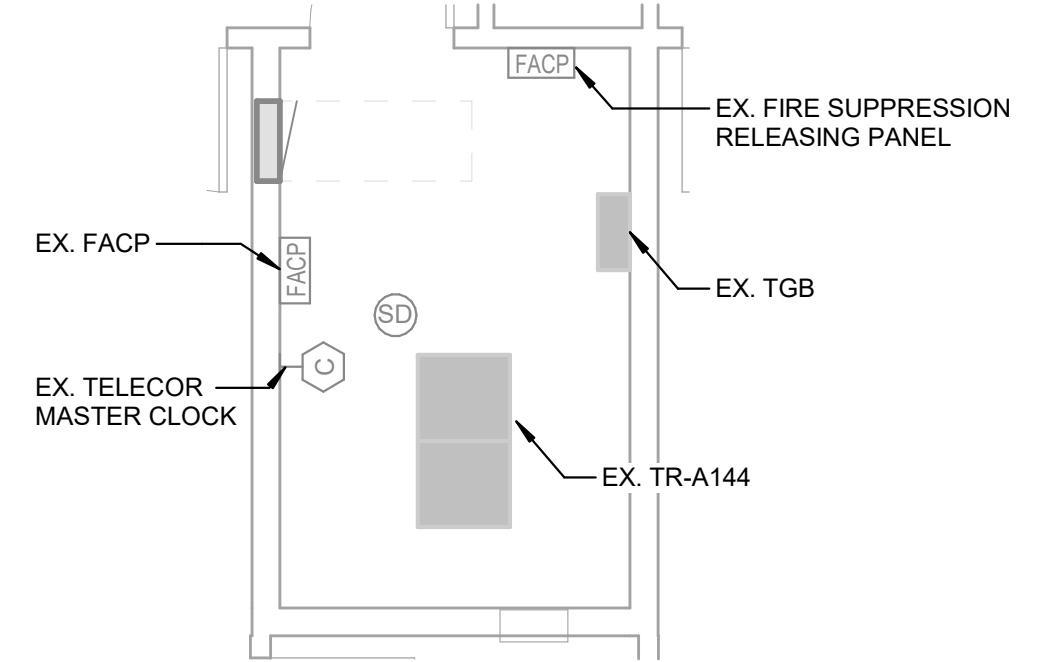
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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	3/21/25	ADDENDUM NO.2



**2 T-101** 1/4" = 1'-0"  
**TECHNOLOGY PLAN - SERVER A-144**

**1 T-101** 1/8" = 1'-0"  
**FIRST FLOOR TECHNOLOGY PLAN - AREA A**

DRAWING  
**FIRST FLOOR TECHNOLOGY PLAN - AREA A**

PROJECT  
 Porter Lakes Elementary School Addition, Renovations and Related Work

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**A T-101**

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**GENERAL NOTES**

1. ALL HORIZONTAL CABLING WITHIN THIS AREA SERVED FROM RACKS INDICATED BY DIVISION LINE AD-2



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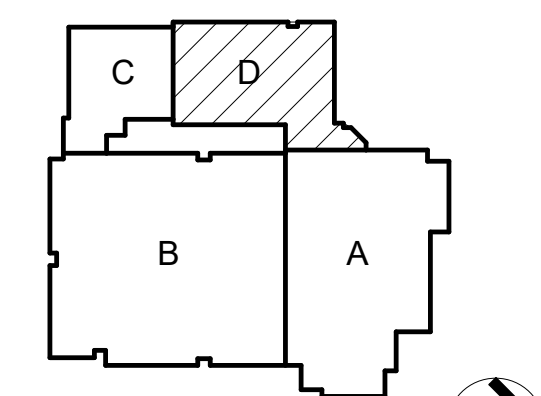


PROJECT:

**Porter Lakes Elementary School Addition, Renovations and Related Work**

FOR:  
Porter Township

208 S 725 W, Hebron, IN 46341



KEY PLAN NORTH

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PROJECT 24-142

DATE March 5, 2025

COORDINATED BY AG

DRAWN BY MH

CHECKED BY DJ



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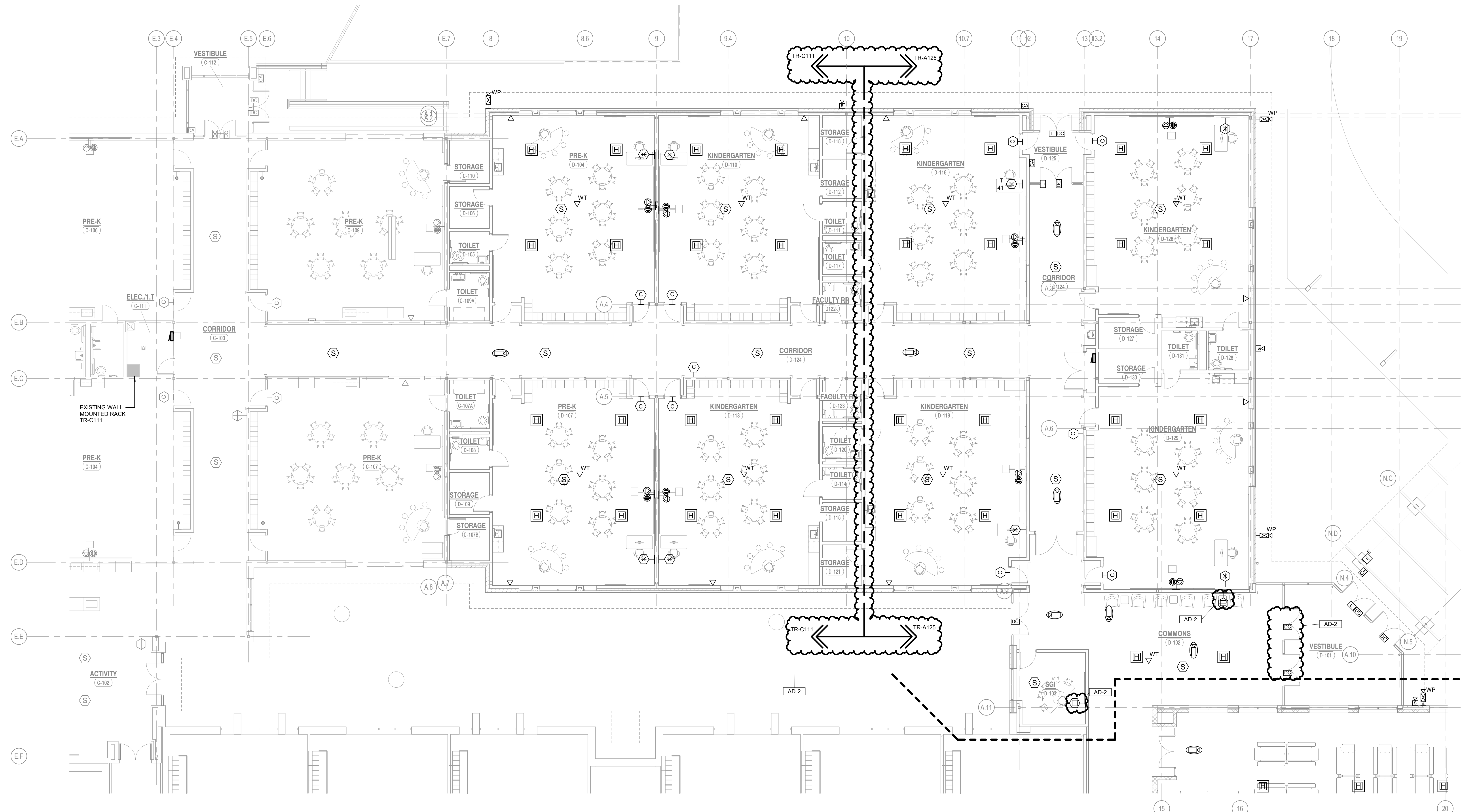
MARK	DATE	ISSUED FOR
AD-2	3/21/25	ADDENDUM NO 2

DRAWING  
**FIRST FLOOR TECHNOLOGY PLAN - AREA D**

PROJECT  
Porter Lakes Elementary School Addition, Renovations and Related Work

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**D T-102**



**1 T-102 1/8" = 1'-0"**  
**FIRST FLOOR TECHNOLOGY PLAN - AREA D**

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