

ADDENDUM NO. 3

February 6, 2023

**SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS,
RENOVATIONS, AND RELATED WORK
Crown Point, IN 46307**

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 January 11, 2023 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 3-1 through ADD 3-2 and attached Addendum No. 3 from Gibraltar Design dated February 2, 2023 and consisting of 4 pages, Specification Sections 33 11 00 - Water Distribution System, 33 11 50 - Exterior Water Lines, Fire Lines, and Facilities, 33 13 00 - Disinfection of Water Distribution System, and 54 drawings.

A. SPECIFICATION SECTION 00 20 00 - TABLE OF CONTENTS

1. Add:

Specification Section 33 11 00 - Water Distribution System
Specification Section 33 11 50 - Exterior Water Lines, Fire Lines, and Facilities
Specification Section 33 13 00 - Disinfection of Water Distribution System

B. SPECIFICATION SECTION 00 31 00 - BID FORM

1. Replace:

Specification Section 00 31 00 - Bid Form with the attached revised Bid Form.

C. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

A. BID CATEGORY NO. 1 - GENERAL TRADES

1. Add:

Specification Section 33 11 00 - Water Distribution System

Specification Section 33 11 50 - Exterior Water Lines, Fire Lines, and Facilities

Specification Section 33 13 00 - Disinfection of Water Distribution System

B. BID CATEGORY NO. 7 - HARD TILE

1. Add:

Clarification No. 3:

The **Bid Category No. 7 Contractor** is to provide the schluter strip at the top of the epoxy base to start the wall tile.

D. SPECIFICATION SECTION 01 23 00 - ALTERNATES

1. Replace:

Specification Section 01 23 00 - Alternates with the attached revised section.

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for CPCSC)

**Solon Robinson Elementary School
Additions, Renovations, and Related Work**
Crown Point Community School Corporation
Crown Point, IN

PART I

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

Date (month, day, year): _____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid _____

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

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

Of public works project, ***Solon Robinson Elementary School Additions, Renovations, and Related Work***, in accordance with Plans and Specifications prepared by ***Gibraltar Design, Inc., 9102 N. Meridian Street, Suite 300, Indianapolis, IN 46260***, as follows:

BASE BID

For the sum of _____
(Sum in words)

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

The undersigned acknowledges receipt of the following Addenda:

Receipt of Addenda No. (s) _____

PROPOSAL TIME

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

Attended pre-bid conference YES _____ NO _____

Has visited the jobsite YES _____ NO _____

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

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

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

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

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

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

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

ALTERNATE BIDS

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

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

Alternate Bid No. 1 – New Paved Car Drop-Off Drive on East & South Sides of Site.

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

Alternate Bid No. 2 – Rotate Existing Chiller in Mechanical Yard C-131 Along with New Pad.

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

Alternate Bid No. 3 – Remove and Install New Chiller in Mechanical Yard C-131 with New Pad.

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

Alternate Bid No. 4 – New Paved Bus Drop-Off & Parking Area West Side of Site.

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

Alternate Bid No. 5 – Tectum Acoustical Wall Panels in Gymnasium C-126.

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

Alternate Bid No. 6 – Acoustic Wall Panels in Corridor A-102.

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

Alternate Bid No. 7 – Acoustic Wall Panels in Commons A-144.

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

Alternate Bid No. 8 – Bleachers & Rubber Sports Flooring in Gymnasium C-126.

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

Alternate Bid No. 9 – Composite Metal Panels Over Existing Overhang Fascias and Soffits & Composite Metal Panels Above Existing Windows.

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

Alternate Bid No. 10 – Exposed painted Structure, Suspended Gymnasium Lighting, New Ductwork in Gymnasium C-126.

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

Alternate Bid No. 11 – Carpet Manufactured by Tarkett.

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

Alternate Bid No. 12 – Schneider Electric Temperature Controls.

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

Alternate Bid No. 13 – Chillers Manufactured by Trane.

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

Alternate Bid No. 14 – Air Handling Units Manufactured by Trane.

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

Alternate Bid No. 15 – Chemical Water Treatment Manufactured by Hydro Management Inc.

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

Alternate Bid No. 16 – Fire Alarm System Manufactured by Simplex/JCI.

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

Alternate Bid No. 17 – Asphalt at North End.

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

PART II

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

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

SECTION I EXPERIENCE QUESTIONNAIRE

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

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

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

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

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

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

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

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

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

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

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

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

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

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

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

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

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

SECTION V OATH AND AFFIRMATION

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

Dated at _____ this _____ day of _____, 20

(Name of Organization)

By

(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) SS:
COUNTY OF _____)

Before me, a Notary Public, personally appeared the above-named

Swore that the statements contained in the foregoing document are true and correct.

Subscribed and sworn to before me this _____ day of _____,

(Title)

Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

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

1.02 PURPOSE

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

1.03 ALTERNATES

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

1.04 SCHEDULE OF ALTERNATES

- A. ALTERNATE NO. 1: State the cost to provide a new paved car drop-off drive located on the east and south sides of the site. This Alternate also includes the south entry canopy including Vestibule C-101 and masonry screen wall around Mechanical Yard C-131. This work includes all demolition required for site work defined by this Alternate. **Base Bid:** Grade and seed site as indicated. No new paved drive to be installed. Existing exterior exit door at Corridor C-102 to remain. No new masonry screen wall to be installed.
- B. ALTERNATE NO. 2: State the cost to rotate the existing chiller in Mechanical Yard C-131 and install a new concrete equipment pad as indicated on drawings. **Base Bid:** Existing chiller to remain in current location.
- C. ALTERNATE NO. 3: State the cost to remove the existing chiller and install a new chiller in Mechanical Yard C-131 along with a new concrete equipment pad as indicated on drawings. Remove, modify, reinstall, and paint existing wood fence as required to enclose chiller in new location. **Base Bid:** Existing chiller to remain in current location.

- D. ALTERNATE NO. 4: State the cost to provide new paved bus drop-off and parking area on the west side of the site. This work includes all demolition required for site work defined by this Alternate. **Base Bid:** Existing paved bus drop-off and parking to remain.
- E. ALTERNATE NO. 5: State the cost to provide Acoustical Wall Panels (Tectum) in Gymnasium C-126. **Base Bid:** Paint CMU walls as indicated on Finish Legend in lieu of installing Acoustical Wall Panels.
- F. ALTERNATE NO. 6: State the cost to provide Acoustic Wall Panels in Corridor A-102. **Base Bid:** Paint gypsum board bulkheads as indicated on Finish Legend in lieu of installing Acoustical Wall Panels.
- G. ALTERNATE NO. 7: State the cost to provide Acoustic Wall Panels in Commons A-144. **Base Bid:** Paint CMU walls as indicated on Finish Legend in lieu of installing Acoustical Wall Panels.
- H. ALTERNATE NO. 8: State the cost to provide Bleachers and rubber sports flooring in Gymnasium C-126. **Base Bid:** Provide Electrical rough-ins and wiring as indicated on Electrical Drawings for installation of Bleachers by Owner at a later date. Existing VCT floor to remain.
- I. ALTERNATE NO. 9: State the cost to provide composite metal panels over existing overhang metal fascia's and soffits along with composite metal panels above existing windows where indicated on drawings. Remove existing canopy and install a new canopy in Unit "B" outside Vestibule B-101. **Base Bid:** Paint existing metal fascia's on overhangs and also paint 18" tall metal panels above existing windows and EIFS. Provide elastomeric coating on existing plaster overhang soffits. Existing canopy outside Vestibule B-101 to remain. Paint existing canopy fascia and steel columns. Provide elastomeric coating on existing plaster canopy soffit.
- J. ALTERNATE NO. 10: State the cost to provide exposed painted structure, suspended gymnasium lighting and new ductwork in Gymnasium C-126. This Alternate also includes to remove four (4) existing basketball backstop support structures above the ceiling and install six (6) new basketball backstops with folding supports attached to roof structure. **Base Bid:** Provide new acoustical ceiling and lighting as indicated on drawings. Existing ductwork to remain above the ceiling. Provide two (2) new basketball support structures attached to the roof structure with main support pipes suspended slightly below the ceiling. Provide six (6) new basketball backstops with folding supports attached to new and existing main support pipes suspended slightly below the ceiling.
- K. ALTERNATE NO. 11: State the cost to provide Carpet by Tarkett as indicated on the Architectural Drawings if not already included in your Base Bid.

- L. ALTERNATE NO. 12: State the cost to provide Schneider Electric Temperature Controls, manufactured by Precision Controls as indicated on the Mechanical Drawings and Specifications if not already included in your Base Bid.
- M. ALTERNATE NO. 13: State the cost to provide Chillers manufactured by Trane to be installed as indicated on the Mechanical Drawings and Specifications if not already included in your Base Bid.
- N. ALTERNATE NO. 14: State the cost to provide Air Handling Units manufactured by Trane to be installed as indicated on the Mechanical Drawings and Specifications if not already included in your Base Bid.
- O. ALTERNATE NO. 15: State the cost to provide Chemical Water Treatment manufactured by Hydro Management, Inc. to be installed as indicated on the Plumbing Drawings and Specifications if not already included in your bid.
- P. ALTERNATE NO. 16: State the cost to provide Fire Alarm System manufactured by Simplex/JCI to be installed as indicated on the Electrical Drawings and Specifications if not already included in your Base Bid.
- Q. ALTERNATE NO. 17: State the cost to grind down 2" and install new 2" topping for all paved areas on the north end of the site, including north of detention pond and east side of Unit E. Contractors shall also include striping. **Base Bid:** No work.

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

END OF SECTION 01 23 00

ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design for **Solon Robinson Elementary School Additions, Renovations, and Related Work** for Crown Point Community School Corporation, Crown Point, 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, Addendum One and Addendum Two, and include the appropriate content of same within their bid proposal.

SPECIFICATIONS

- 1. Specification Section 00 01 10 Table of Contents**
 - A. Add New Specification Sections to Division 33 in the Table of Contents:
 1. Section 33 11 00, Water Distribution System.
 2. Section 33 11 50, Exterior Water Lines, Fire Lines and Facilities.
 3. Section 33 13 00, Disinfection of Water Distribution System.
- 2. Specification Section 33 11 00 Water Distribution System**
 - A. Add Specification Section 33 11 00, Water Distribution System, included in this Addendum, to the Project Manual.
- 3. Specification Section 33 11 50 Exterior Water Lines, Fire Lines and Facilities**
 - A. Add Specification Section 33 11 50, Exterior Water Lines, Fire Lines and Facilities, included in this Addendum, to the Project Manual.
- 4. Specification Section 33 13 00 Disinfection of Water Distribution System**
 - A. Add Specification Section 33 13 00, Disinfection of Water Distribution System, included in this Addendum, to the Project Manual.
- 5. Specification Section 98 84 00 Acoustical Wall Panels**
 - A. Paragraph 2.1, B. line 5: Change line to read "5. Factory painted."

DRAWINGS

For each sheet listed in this Addendum, refer to attached full size drawing sheet(s) for revisions, unless noted otherwise.

- 1. Sheet C-1.1**
 - A. Saw cut roadway, curb and gutter, and asphalt pavement for installation of water service line from north side of Wells Street to existing building.
 - B. Remove existing tree to install water main at Wells Street.
 - C. Remove asphalt walk at the new detention basin.

**2. Sheet C-1.2A**

- A. Remove and reinstall bike racks at the south side of the existing building.
- B. Remove and relocate north portion of the fence and a portion of the east fence of the base hard play area.

3. Sheet C-2.0

- A. New pavement, sidewalk and curb & gutter upon installation for a new fire service line from the north side of Wells Street to the existing building.

4. Sheet C-2.1A

- A. Install Eight (8) new light poles along the parent drop/pickup roadway and the relocation of 4-ft fence.

5. Sheet C-3.0

- A. Install water service line from north side of Wells Street to existing building.

6. Sheet C-3.1A

- A. Adjust rim of existing catch basin and replace with solid cover along the new west side sidewalk.

7. Sheets S-201, S-203, S-204, S-206, S-207, S-208, S-209, S-404, S-413

- A. Replace Nine (9) full size drawing sheets listed above with drawings included in this Addendum.

8. Sheets AD01 through AD103

- A. Architectural First Floor Demolition Plans: Add note to remove existing fire extinguishers and cabinets, and salvage for reinstallation.
- B. Unit "C" and "D" Architectural First Floor Demolition Plan: In Mechanical Room ED-108, add note to remove masonry wall as required for new construction.

9. Sheets A-101 through A-105

- A. Architectural First Floor Plans: Add notes to install fire extinguisher cabinets where indicated on Plans.
- B. Plan Notes: Change Note "27" from "...cut structural..." to "...cut starter...".
- C. Unit "A" Architectural First Floor Plan: Delete note "6" adjacent to door A110A regarding card/fob reader.
- D. Unit "C" Architectural First Floor Plan: At Stage C-128, add return air chase and grills.
- E. Unit "D" Architectural First Floor Plan: Add Custodial Office D-126 and also add a new door between D-122 to E-103.

10. Sheet A-121

- A. Add new Plan Detail 11.

11. Sheet A-310 and A-312

- A. Elevations: Add plan detail tags.
- B. General Elevation Notes: Revise note "J" to indicate masonry tuck pointing quantity.

12. Sheet A-401

- A. Typical Exterior Masonry Wall Construction Detail 1: Change "3" rigid insulation" to "2 1/8" rigid insulation".

13. Sheet A-404

- A. Add new Soffit Detail 4.

14. Sheet A-409

- A. Wall Sections 2 and 4: Revise wall sections.

15. Sheet A-502

- A. Add new Grille Detail 5.
- B. Marker/corkboard Elevations 3: Revise Notes.

16. Sheets A-601 and A-602

- A. Door and Frame Schedule: Revise Door D-118B and add doors/barrowed light D-122B, D-126A and D-126B.

17. Sheet A-703

- A. Bleacher Keynotes: Revise bleacher notes as indicated.

18. Sheet A-704

- A. Unit "D" First Floor Equipment Plan: Move washer and dryer from Custodial D-122 to Cust/Storage E-106 and add equipment in new Custodial Office D-126.

19. Sheet A-705

- A. Unit "E" First Floor Equipment Plan: Move washer and dryer from Custodial D-122 to Cust/Storage E-106 and add upper wall cabinet above the washer and dryer.

20. Sheet A-731

- A. Elevation 53: Add "Similar: Room E-105" below title.

21. Sheet A-804

- A. Unit "D" First Floor Finish Plan: Add finish symbol in new Custodial Office D-126.

22. Sheets A-860 and A-862

- A. Revise interior elevations as indicated.

23. Sheet FP001

- A. Revise for new 6: incoming fire service.

24. Sheet P-101

- A. Extend 4" domestic water connection from existing location.
- B. Indicate new, separate 6" fire protection service.

25. Sheet P-111

- A. Revise for new 6" fire service.

26. Sheet MV101

- A. Modify supply air ductwork and diffusers.
- B. Add return air ductwork and grille.

27. Sheet MV103

- A. Add ductwork for FC-2.

28. Sheet MV104

- A. Add vent ductwork to dryer.

29. Sheet MP103

- A. Revise location of FC-2 and piping connections.

30. Sheet M-301

- A. Add IH-1
- B. Add vent to dryer.

31. Sheet ES002

- A. Add General Note.
- B. Ex. Panel D1 location clarified.
- C. Add EA 1, EA2 and ED fixtures.
- D. Add Circuitry.
- E. Add Alternate Bid area.

32. Sheet EP102

- A. Add hood connections.

33. Sheet EP103

- A. Add fan coil location.

34. Sheet E-503

- A. Add Fixture Types EA 1, EA2 and ED.
- B. Revise Fixture Type EA.

35. Sheet E-601

- A. Add hood circuits to new Panel B2.

36. Sheet E-602

- A. Add circuits to new panel Kitchen.

Pages 1 through 4, inclusive, Specification Sections 33 11 00, 33 11 50, 33 13 00, and Fifty-Two (54) Full-Size Drawings, constitute the total makeup of **Addendum Three**.



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SECTION 33 11 00

WATER DISTRIBUTION SYSTEMS

1 General

1.1 Section Includes

- A. Fire water piping, fittings, and accessories.
- B. Potable water piping, fittings, and accessories.
- C. Connection of building system to Municipal Water System

1.2 Related Sections

- A. Section 31 20 00 - Earthwork: Trenching and backfill for water distribution systems.
- B. Section 32 13 80 - Exterior Concrete: Concrete type for water system construction.
- C. Section 33 13 00 - Disinfection of Water Distribution System.

1.3 References

- A. ANSI B16.22 - Wrought Copper and Copper Alloy Solder Joint Pressure Fittings.
- B. ASTM A126 - Standard Specifications for Gray Iron Castings for Valves, Flanges, and Fittings.
- C. ASTM A197 - Standard Specifications for Cupola Malleable Iron.
- D. ASTM A307 - Standard Specification for Carbon Steel Bolts and Studs.
- E. ASTM A506 - Standard Specifications for Steel, Sheet and Strip.
- F. ASTM A575 - Standard Specification for Steel Bars.
- G. ASTM B88 - Standard Specification for Seamless Copper Water Tube.
- H. AWWA C104 - Cement Water Lining for Ductile Iron Pipe and Fittings.
- I. AWWA C110 - Ductile and Gray Iron Fittings.
- J. AWWA C111 - Rubber Gasket Joints for Ductile Iron and Gray Iron Pipe.
- K. AWWA C151 - Ductile Iron Pipe.
- L. AWWA C500 - Gate Valves.
- M. AWWA C504 - Standard for Rubber Seated Butterfly Valves.

- N. AWWA C508 - Standard for Swing Check Valves.
- O. AWWA C600 - Standard for Installation of Ductile Iron Water Mains and Their Appurtenances.
- P. AWWA C651 - Standard for Disinfecting Water Mains.
- Q. AWWA C900 - Standard for Polyvinyl Chloride Pressure Pipe.
- R. AWWA M17 - Installation, Field Testing, and Maintenance of Fire Hydrants.
- S. NFPA 24 - Standard for Installation of Private Fire Service Mains and Their Appurtenances.
- T. UL 246 - Hydrants for Fire Protection Service.

1.4 Regulatory Requirements

- A. Conform to Indiana BOCA National Plumbing Code for materials and installation of work of this Section.
- B. Conform to requirements of Water Utility Company supplying water to project; obtain required permits and inspections.
- C. Install fire water system in accordance with NFPA 24.
- D. Conform with local Fire Department regulations pertaining to hydrants, including hose unit threading.
- E. Provide fire hydrants that comply with UL 246 and are listed by UL.

1.5 Submittals

- A. Submit product data under provisions of Division 1.
- B. Submit product data for pipe, pipe accessories.

1.6 Project Record Documents

- A. Submit documents under provisions of Division 1.
 - 1. Accurately record locations of pipe runs, connections, valves and hydrants.
 - 2. Maintain accurate as-built drawings as project progresses, on a set of project drawings.
 - 3. Identify and describe unexpected variations to subsoil conditions or discovery of uncharted utilities.
 - 4. Upon completion of project, submit one set of reproducible mylar drawings and two sets of blue-line prints, with Contractor's stamp indicating date and labeled "Record Documents."

2 Products

2.1 Potable Water Piping Materials

- A. Ductile Iron Pipe: AWWA C151, with cement mortar lining complying with AWWA C104; Class 51 for 3 inch and 4 inch pipe, and Class 50 for 6 inch and larger pipe.
 - 1. Fittings: Ductile iron, AWWA C110; cement lined, AWWA C104; and rubber gasket joints, AWWA C111.
- B. Polyvinyl Chloride Pipe: AWWA C900 for 4 inch through 12 inch sizes; Class 100.
 - 1. Fittings: Mechanical joint ductile iron complying with AWWA C110, with AWWA C104 cement mortar lining and retainer gland.
- C. Copper Tube: ASTM B88; Type K, soft annealed temper.
 - 1. Wrought copper solder joint fittings, ANSI B16.22; soldered joints.

2.2 Fire Water Piping Materials

- A. Ductile Iron Pipe: AWWA C151 with cement mortar lining complying with AWWA C104; Class 50.
 - 1. Fittings: Ductile iron, AWWA C110; cement lined, AWWA C104; and rubber gasket joints, AWWA C111.
- B. Polyvinyl Chloride Pipe: AWWA C900 for 4 inch to 12 inch sizes; Class 150; bell and spigot with rubber sealing ring.
 - 1. Fittings: Mechanical joint ductile iron complying with AWWA C110, with AWWA C104 cement mortar lining and retainer gland.

2.3 Potable Water System Valves

- A. Gate Valve: AWWA C500, 175 psi working pressure.
 - 1. Provide threaded, flanged, hub, or other end configuration to suit size of valve and piping connection.
- B. Valve Box: Cast iron adjustable arch base with drop in lid for use with buried gate valves.
- C. Butterfly Valve: AWWA C504, 150 psi working pressure, iron body, bronze disc, stainless steel stem, and metal-reinforced EPDM seat.
- D. Check Valve: AWWA C508, 150 psi working pressure, iron body, cast iron disc, bolted cap.

2.4 Fire Water System Valves

- A. Gate Valve: UL listed, FM approved, 175 psi working pressure for 12 inches and smaller, 150 psi for sizes larger than 12 inches.
 - 1. Provide threaded, flanged, hub, or other end configurations to suit size of valve and piping connection.
 - 2. Provide inside screw type for use with indicator post, iron body, bronze mounted, non-rising, stem with operating nut, solid wedge disc.
- B. Indicator Posts: UL listed FM approved, designed for use with underground gate valves to provide above ground means for operating valves and indicating position of valves.
 - 1. Provide telescoping barrel type with indicating target, intended for use with gate valves 4 inches through 14 inches, with operating wrench.
 - 2. Provide electrically supervised valves.
- C. Valve Box: Cast iron adjustable arch base with buried gate valves.
- D. Butterfly Valves: UL listed, FM approved, 175 psi working pressure for 2 inches through 12 inches, 150 psi for sizes larger than 12 inches.
 - 1. Provide gear actuator with detachable crank, position indicator, and fail safe torque spring.
- E. Detector Check Valve: UL listed, FM approved, 175 psi working pressure for 2 inches through 12 inches, 150 psi for sizes larger than 12 inches.
 - 1. Provide swing type, iron body bronze mounted with metal to metal or rubber faced checks.
 - 2. Provide threaded, flanged, or hub end, to suit size and piping connection.

2.5 Fire Hydrants

- A. Provide UL listed, FM approved, cast iron body, compression type fire hydrants, opening against pressure and closing against pressure, base valve design, 150 psi working pressure, with 1/4 inch gage topping and bronze plug in standpipe.
- B. Size: 5 1/4 inch valve opening.
- C. Direction to Open Hydrant: As required by Local Fire Department and Utility Company.
- D. Size and Shape of Operating and Cap Nuts: As required by Local Fire Department and Utility Company.
- E. Hose Nozzles and Thread Standards: As required by Local Fire Department and Utility Company.

- F. Pumper Nozzles and Thread Standards: As required by Local Fire Department and Utility Company.
- G. Depth of Trench: 5 feet.
- H. Connection to Main: 6 inch mechanical joint.

2.6 Hydrant Hose Houses

- A. Provide hose houses as indicated, FM approved, constructed of 16 gage steel, weatherproof sloping top, front overhang, double-panel reinforced doors, continuous hinges, hasp for padlock, and ventilated design.
 - 1. Prime coat and finish in red baked enamel.
 - 2. Provide the following equipment, and hooks for its storage:

Quantity	Item
1	Gated wye, 2 1/2" by 1 1/2" by 1 1/2" brass.
2	Fog nozzles, 2 1/2" brass.
1	Fog nozzle, 1 1/2" Lexan.
1	Reducer, 2 1/2" to 1 1/2" brass.
2	Hydrant wrenches.
4	Spanner wrenches, 2 1/2".
2	Spanner wrenches, 1 1/2".
4	50' by 2 1/2" Single jacket lined hose with brass couplings.
2	50' by 1 1/2" Single jacket lined hose with brass couplings.
1	Fire ax.

2.7 Reaction Anchors

- A. Provide concrete thrust blocking or joint harness for all pressure piping in accordance with NFPA 24.
- B. Thrust Blocking: Sufficient mass of concrete bearing on solid undisturbed earth, to resist hydraulic thrust at maximum pressure pipe will be subjected to, 150 psi minimum.
 - 1. Refer to Detail and Schedule on Drawings.
- C. Joint Harness: Steel straps and rods across joints, securely anchored on pipe or other adequate anchorage, to resist hydraulic thrust at maximum pressure pipe will be subjected to, 150 psi minimum.
 - 1. Coal Tar Coating: Carboline Bitumastic 50.
 - 2. Clamps, Straps, and Washers: Steel, ASTM A506.
 - 3. Rods: Steel, ASTM A575.

4. Rod Couplings: Malleable Iron ASTM A197.
5. Bolts: Steel ASTM A307.
6. Cast Iron Washers: Gray-iron ASTM A126.

2.8 Fire Department Connection

- A. Provide Y-type cast brass sidewalk Siamese connection, escutcheon plate and sleeve assembly; with two 90 degree, 2 1/2 inch fire department inlets with female hose connection, 4 inch inlet pipe, plugs and chain.
 1. Provide inlet connection with type and number of threads per inch to match those of the local fire department.

2.9 Valve Pits

- A. Provide valve pits as indicated, constructed of poured in place or precast concrete.
 1. Construct of dimensions indicated with manhole access, ladder, and drain.
 2. Provide sleeves for pipe entry and exit, provide waterproof sleeve seals.

3 Execution

3.1 Examination

- A. Verify that trench cut is ready to receive work, and excavations, dimensions, and elevations are as indicated on Drawings.
- B. Beginning of installation means acceptance of existing conditions.

3.2 Preparation

- A. Hand trim excavations to required elevations.
 1. Correct over excavation with fill material.
- B. Remove large stones or other hard matter which could damage water pipe or impede consistent backfilling or compaction.

3.3 Installation - Pipe

- A. Copper Pipe: Install in accordance with CDA Copper Tube Handbook.
- B. Ductile-Iron Pipe: Install in accordance with AWWA C600.
- C. Polyvinyl Chloride Pipe: Install in accordance with manufacturer's installation instructions.
- D. Depth of Cover: Install yard and lead-in piping at minimum 5 foot depth of bury.

- E. Water Main Connection: Arrange and pay for tap in water main, of size and location as indicated, from Water Utility Company.
- F. Water Service Termination: Terminate potable water piping outside inside building where indicated.
 - 1. Provide line sized gate valve, 3/4 inch valved test tee, and pressure gage.
 - 2. Provide reaction anchors.
- G. Water lines and sewers shall not be laid in the same trench.
 - 1. Maintain a horizontal separation of 10 feet.
- H. Increase compaction of each successive lift.
 - 1. Refer to Section 31 20 00 for compaction requirements.
 - 2. Do not displace or damage pipe when compacting.

3.4 Reaction Anchors

- A. Use concrete thrust blocking where solid undisturbed earth is available.
- B. Use joint harness in other areas.
- C. If back of solid undisturbed earth is due to improper trench excavation, provide joint harness at no extra cost.
- D. Coat underground metal surfaces not encased in concrete with Carboline Bitumastic 50.
 - 1. Apply to clean, dry surface.
 - 2. Allow first coat to dry hard; apply second coat.

3.5 Installation - Valves

- A. Provide valve box for underground potable water valves.
- B. Install post indicator valve at each fire water connection into building, locate 40 feet from building outside wall or as indicated.
- C. Install shut-off valve with valve box ahead of each hydrant.
 - 1. Provide valve key and stem.

3.6 Installation Of Hydrants

- A. Install Fire Hydrants in accordance with AWWA M17.

3.7 Field Quality Control

- A. Field inspection will be performed under provisions of Division 1.

3.8 Protection

- A. Protect finished installation under provisions of Division 1.
- B. Protect pipe from damage or displacement until backfilling operation is in progress.

3.9 Disinfection Of Water Piping System

- A. AWWA C651 - Standard for Disinfecting Water Mains.

END OF SECTION

SECTION 33 11 50

EXTERIOR WATER LINES, FIRE LINES, AND FACILITIES

1 General

1.1 Section Includes

- A. The work covered by this section of the specifications and the accompanying Drawings consist of the furnishing of all labor, equipment, appliances, and material, and performing all operations in connection with the construction of all exterior water lines, fire lines, fire hydrants, valves, facilities, etc.
- B. Install in a manner that each section of the work is complete in every detail and meets or exceeds all of the laws, ordinances, rules and regulations in effect in the State and local requirements which apply.

1.2 Fees

- A. Pay all tapping and service fees and all other costs, not borne by the Water Company, which are required to provide a complete domestic water and fire line service.

1.3 Concrete

- A. All concrete required for the work under this heading shall conform to Section 03 30 00.

1.4 Painting

- A. All finish painting will be done by the Painting Contractor under another contract.

1.5 Clean-Up

- A. Remove all debris and surplus materials from the premises.

1.6 Seeding And Sodding

- A. Seeding and sodding within the limits of the property will be done under another contract.

1.7 Streets, Sidewalks, Drives, Paving, And Repair

- A. Repair or replace all streets, sidewalks, drives, curbs, drainage structures, which are damaged due to any work included under this contract.

2 Products

2.1 Exterior Water Lines

- A. Provide all new exterior water mains and branches 3 inches and larger as manufactured by James B. Clow and Sons; ductile iron pipe with super bell-tight push on joints and cement lining as manufactured by U.S. Piping and Foundry Class 50, or American Piping Class 50.
 - 1. All Fittings: Push-on gasket type cast iron fittings.
 - 2. All Cast Iron Pipe, Fittings, Joint Gaskets and Installation: Meet the requirements of ASA A21.5I, AWWA 151.
- B. All new exterior water mains and branches 2 1/2 inches and smaller Type "K" hard copper tubing with copper or wrought brass fittings.
 - 1. Copper piping and fittings furnished and installed as specified under in Division 15.

2.2 Vacuum Breakers And Relief Valves

- A. Provide valves of proper size and type to relieve excess pressure and prevent the formation of a vacuum.
- B. Provide valves to automatically remove air from the lines when the lines are being filled with water, and admit air into the lines when water is being withdrawn in excess of the inflow.

2.3 Exterior Gate Valves

- A. Valves: Iron-body, brass mounted and conforming to the Standard Specifications of the AWWA 7F.1.
- B. Design exterior gate valves for a minimum water working pressure of 150 pounds per square inch.
- C. Provide gate valves with a clear waterway equal to the full nominal diameter of the valve, and which open by turning counterclockwise.
- D. Provide an operating nut or wheel with an arrow, cast in the metal, indicating the direction of opening.
- E. Identify each valve with the maker's initials and pressure rating cast on the body.
- F. Prior to shipment from the factory, test each valve by hydraulic pressure equal to twice the specified water working pressure.

2.4 Valve Boxes

- A. Valve Boxes: Cast iron of the extension type having screw or slide type adjustment end with flared base.
 - 1. Minimum Metal Thickness: 3/16 inch.

2. Provide cover with the word "WATER" cast in the metal.
3. Provide boxes of such lengths to provide, without extensions, a cover of not less than 4'-6" over the pipe.

2.5 Lawn Hydrants

- A. Lawn Hydrants: Automatic nonfreezing "Government Pattern" street washer type, as manufactured by J. R. Smith Manufacturing Company, No. 5810 or an approved equal, with a 3/4 inch hose and inlet connection.
 1. Furnish a detachable "T" handle to the Owner for each hydrant installed.
 2. Provide a vacuum breaker in each water line serving lawn hydrants at the point where it leaves the building and elsewhere where required by State and Local Codes.

2.6 Fire Hydrants

- A. Provide all fire hydrants of the type and the exact standard as established by the local Fire Department.
- B. Providing there is no local standard, then the fire hydrants be compression type, Safetop fire hydrants as manufactured by the Kennedy Valve Manufacturing Co., or an approved equal.
 1. Constructed hydrants in such a manner that there will be no interruption of water service or loss of water should the hydrant be broken, and upon impact the entire top section shall break cleanly at the "safety breakable section".
 2. Provide fire hydrants with a 6 inch bell connection, two 2 1/2 inch hose connections, one 4 1/2 inch hose connection, and one 4 1/2 inch pumper connection.
 3. Provide hose and pumper connections with the type and number of threads per inch to match those of the local fire department.
- C. Design hydrants for 175 pounds working pressure or 300 pounds hydrostatic test pressure, and conform to the latest specifications of the American Water Works Association.
 1. Provide bronze working parts.
 2. Connect hydrants to the mains by 6 inch diameter pipes.
 3. Provide design, material, and workmanship similar and equal to the latest stock pattern ordinarily produced by the manufacturer, having an arrow indicating direction of opening, and opening in the direction required by the local fire department.
 4. Paint hydrants one coat of red lead paint and two finish coats of approved paint of the color approved by the Architect.

5. Provide hydrants with 5 inch valve openings.
6. Install hydrants in accordance with the manufacturer's recommendations and the applicable requirements hereinafter noted.
7. Provide a gate valve and valve box ahead of each fire hydrant.

3 Execution

3.1 General Installation

- A. Rest the full length of each section of pipe solidly upon the pipe bed, with recesses excavated to accommodate the joints.
- B. Take up and re-lay any pipe that has the grade or joint disturbed after laying.
- C. Thoroughly clean the interior of the pipe of all foreign matter before lowering into the trench, and keep clean with plugs or other approved methods.
- D. Do not lay the pipe in water, or when trench or weather conditions are unsuitable for the work, except by special permission of the Architect.
- E. Keep water out of the trench until each joint is made watertight.
- F. When work is not in progress, keep open ends of pipe and fittings securely closed so that no trench water, earth, or other substance will enter the pipes or fittings.

3.2 Domestic Water Service And Fire Lines

- A. Wet Tap: Relocate or extend existing water mains as shown and noted on Drawings.
- B. Provide new domestic water service and fire lines to the point of connection to the building piping being installed under the Mechanical Base Bid.

3.3 Domestic Water Service

- A. Provide a new domestic water service to the point of connection to the building piping.
- B. Connect to the well as shown and noted on Drawings.
- C. After testing, flush all new domestic water lines and sterilize as follows:
 1. Sterilize each unit of the completed water line with chlorine before acceptance for domestic operation.
 2. Provide amount of chlorine for a dosage of 50 parts per million.
 3. Introduce the chlorinating material into the water lines and distribution systems in an approved manner.
 4. After a contact period of 8 hours, flush the system with clean water until the residual chlorine content is not greater than 0.2 parts per million.

5. Open and close all valves in the lines being sterilized several times during the contact period.

3.4 Installation

- A. Handle pipe and accessories in such a manner as to insure delivery of the work in sound, undamaged condition.
 1. Provide 4'-6" minimum cover, after final grading, over all new exterior water mains.
- B. Cut pipe in a neat and workmanlike manner without damage to the pipe.
 1. Cut with an approved mechanical cutter.
 2. Wheel cutters may be used when practicable.
- C. While suspended in the sling and before lowering into the trench, inspect the pipe for defects and tap with a light hammer to detect cracks.
 1. Defective, damaged, or unsound pipe will be rejected.
 2. Deflections from a straight line or grade, as required by vertical curves, horizontal curves, or offsets, shall not exceed $6/D$ inches per linear foot of pipe for pipe less than 14 inches in nominal diameter, where D represents the nominal diameter of the pipe expressed in inches, between the center lines extended, of any two connecting pipes.
 3. If the alignment requires deflections in excess of these limitations provide angular deflections within the limit set forth.
- D. Where pipe ends are left for future connections; valve, plug or cap and mark.
- E. Where connections are made between this work and work under another contract, make the connections by using special end fittings to suit the actual conditions.
- F. After the pipe is laid, the joints completed, and the trench partially backfilled, leaving the joints exposed for examination, the newly laid piping or any valved section of piping shall be subjected to a pressure test of 50 pounds per square inch in excess of the static pressure.
 1. Carefully examine all exposed pipe, joints, fittings, valves, and hydrants during the open trench test.
 2. Replace cracked or defective pipe, fittings, valves, or hydrants disclosed in the pressure test and repeat the test until the test results are satisfactory.

3. Where the actual visible inspection of each joint cannot be made because of the necessity for immediate backfilling or where the line is laid below water level and it is impracticable to lower the water level by pumping, the Contractor shall provide suitable means for determining the quantity of water lost by leakage under normal operating pressure.
4. No piping installation will be accepted until or unless this leakage (evaluated on a pressure basis of 150 pounds per square inch) is less than 100 US gallons per 24 hours per mile of pipe per inch nominal diameter for pipe in 12 foot lengths; 75 gallons for pipe in 16 foot lengths and proportionately varied for other lengths of pipe.
5. In calculating leakage, the Architect will make allowance for added joints in the pipe line above normal for unit lengths of pipe.
6. Should any test of combined sections of pipe line disclose leakage per mile greater than that herein specified, or if individual sections show leakage greater than that herein specified, the Contractor shall locate and repair the defective joints.

3.5 Vacuum Breakers And Relief Valves

- A. Install vacuum breaker and relief valves at high points in the water mains.

3.6 Valve Boxes

- A. Install boxes over each outside gate valve.
- B. Where water mains are located in paved streets or drives, locate the boxes directly back of the curbs.
- C. Where no curbing exists, install service boxes in accessible locations, beyond the limits of streets, walks and driveways.

3.7 Lawn Hydrants

- A. Length below grade shall be 48 inches and the hinged cover set 1 inch below finished grade.
- B. Install lawn hydrants complete where shown on Drawings.

3.8 Setting Lawn And Fire Hydrants, Valves, And Valve Boxes

- A. Install hydrants, valves, and valve boxes in the lines as shown on Drawings.
- B. Set hydrants, valves, and valve boxes plumb and centered, with valve boxes directly over the valves.
- C. Locate valve boxes, if possible, outside the area of drives, sidewalks, and streets.
- D. Carefully tamp earth fill around the valve box to a distance of 4 feet on all sides of the box, or to the undisturbed trench face if less than 4 feet.

- E. Set hydrants at such elevations that the connecting pipe will have the same depth of cover as the distributing mains.
- F. Set the hydrant on a concrete slab not less than 4 inches thick and 15 inches square.
- G. Firmly wedge the back of the hydrant, opposite the pipe connection, against the vertical face of the trench to prevent the hydrant from blowing off the line.
- H. If the character of the soil is such that, in the opinion of the Architect, the hydrant cannot be securely wedged, bridle rods and rod collars shall be used.
 - 1. Provide bridle rods and rod collars not less than 3/4 inch stock and protect by a coat of acid-resisting paint.
 - 2. Place not less than 7 cubic feet of broken stone around hydrant to insure drainage.
 - 3. Thoroughly compact the backfill around hydrants to the grade line in a manner satisfactory to the Architect.
 - 4. Clean interiors of hydrants and valves of all foreign matter before installation.
 - 5. Tighten stuffing boxes and inspect the hydrant or valve in opened and closed positions, to see that all parts are in working condition.

3.9 Standard Valve Manholes

- A. Provide standard valve manholes constructed at locations shown on Drawings or as required by the nature of the installation.

END OF SECTION

SECTION 33 13 00

DISINFECTION OF WATER DISTRIBUTION SYSTEM

1 General

1.1 Section Includes

- A. Disinfection of potable water distribution and transmission system.
- B. Test and report results.

1.2 Related Sections

- A. Section 33 11 00 - Water Distribution Systems.
- B. Section 22 10 00 - Plumbing Piping: Disinfection of building domestic water piping system.

1.3 References

- A. AWWA C651 - Standard for Disinfecting Water Mains.

1.4 Submittals

- A. Submit name of treatment firm and evidence of qualification.
- B. Submit name of testing laboratory and evidence of qualification.
- C. Submit three copies of reports.

1.5 Project Record Documents

- A. Submit reports under provisions of Division 1.
- B. Disinfection report; accurately record:
 - 1. Type and form of disinfectant used.
 - 2. Date and time of disinfectant injection start and time of completion.
 - 3. Test locations.
 - 4. Initial and 24 hour disinfectant residuals (quantity in treated water) in ppm for each outlet tested.
 - 5. Date and time of flushing start and completion.
 - 6. Disinfectant residual after flushing in ppm for each outlet tested.

- C. Bacteriological report; accurately record:
 - 1. Date issued, project name, and testing laboratory name, address, and telephone number.
 - 2. Time and date of water sample collection.
 - 3. Name of person collecting samples.
 - 4. Test locations.
 - 5. Initial and 24 hour disinfectant residuals in ppm for each outlet tested.
 - 6. Coliform bacteria test results for each outlet tested.
 - 7. Certification that water conforms, or fails to conform, to bacterial standards.
 - 8. Bacteriologist's signature.

1.6 Quality Assurance

- A. Water Treatment Firm: Certified for disinfection by an approved company; specializing in this work with five (5) years experience.
- B. Testing Laboratory: Certified and approved for examination of drinking water in compliance with applicable legislation of the State of Indiana.

1.7 Regulatory Requirements

- A. Conform to Indiana Plumbing Code or regulations for work of this Section.

2 Products

Not Used.

3 Execution

3.1 Preparation

- A. Verify that piping system has been cleaned, inspected, and pressure tested.
- B. Beginning of treatment and testing means acceptance of existing piped system.
- C. Perform scheduling and disinfection activity with startup, testing, adjusting, and balancing, and demonstration procedures, including coordination with related systems.

3.2 Execution

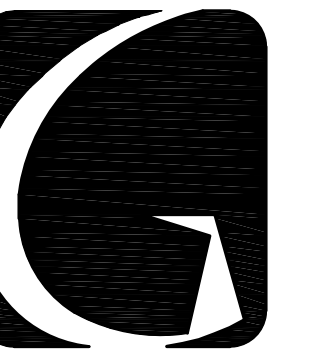
- A. Provide and attach equipment required to execute work of this Section.
- B. Inject treatment disinfectant into piping system.
- C. Circulate and flush repeatedly until required cleanliness is achieved.

- D. Flush and clean with municipal domestic water.
- E. Replace permanent system devices removed for disinfection.
- F. Pressure test system as required by the utility company.
 - 1. Repair leaks and retest.

3.3 Tests

- A. Provide analysis and testing of treated water under provisions Division 1.
- B. Test samples in accordance with AWWA C651.

END OF SECTION



GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

OLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN

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PROJECT

21-109

DATE

01/11/23

COORDINATED BY

DCT

DRAWN BY

DCT

CHECKED BY

Paul C. Torrey

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DATE

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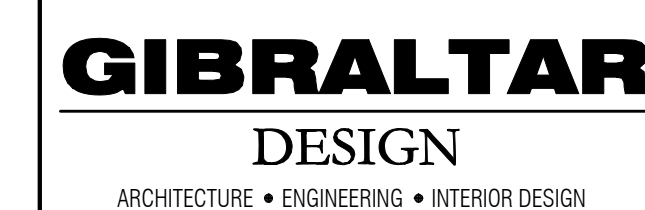
01-11-23

BASE BID SUBMITTAL

AD-2

02-02-23

ADDENDUM NO. 2



PROJECT

**SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN

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PROJECT 21-109	
DATE 01/11/23	
COORDINATED BY DCT	
DRAWN BY DCT	
CHECKED BY	

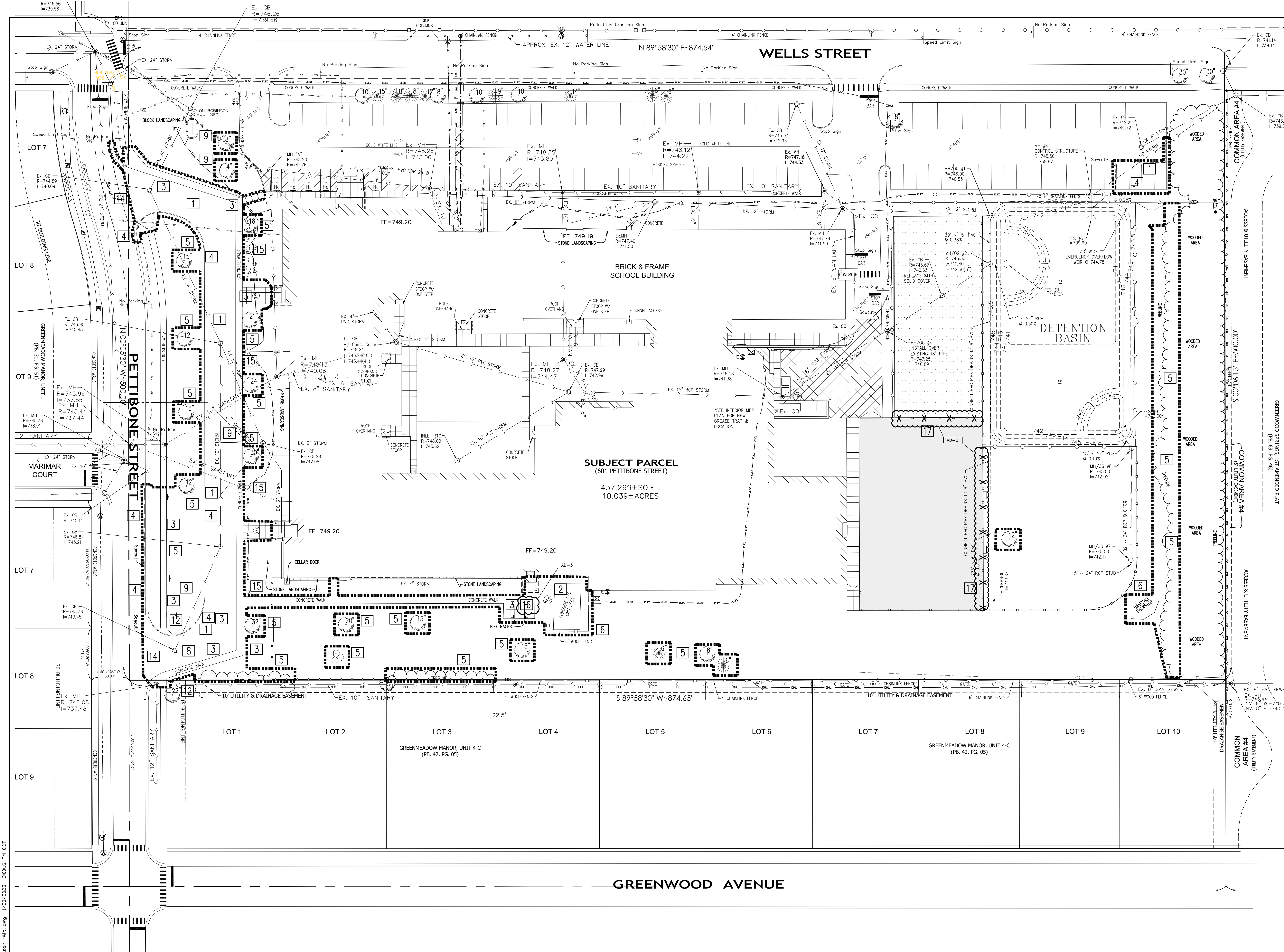
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	01-11-23	ALTERNATE BID SUBMITTAL
AD-3	02-02-23	ADDENDUM NO. 3

DRAWING
DEMOLITION PLAN

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS
AND RELATED WORK

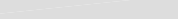
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NOTES:

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 CONTRACTOR SHALL REFER TO THE ARCHITECTURAL PLAN SET FOR ANY DEMOLITION OF THE EXISTING BUILDING.
3. ALL SEWER LOCATIONS THAT COULD BE FIELD VERIFIED ARE SHOWN. ALL OTHERS ARE TAKEN FROM PREVIOUS DRAWINGS OF IMPROVEMENTS TO THE SCHOOL.

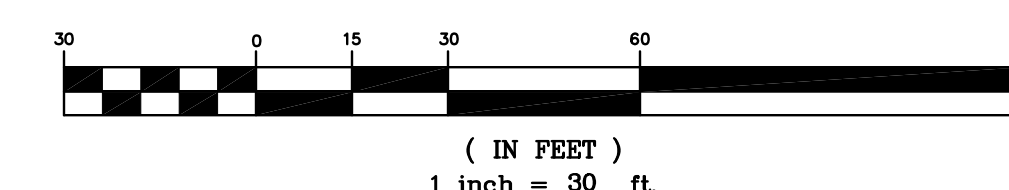
DEMOLITION NOTES

- | | | | |
|---|-------------------------------|---|------------------------------------|
|  | 1 REMOVE ASPHALT PAVEMENT |  | 8 REMOVE STORM MH/CB |
|  | 2 REMOVE CONCRETE PAVEMENT |  | 9 REMOVE STORM SEWER LINE |
|  | 3 REMOVE CONCRETE SIDEWALK |  | 10 REMOVE SANITARY MH |
|  | 4 REMOVE CURB / CURB & GUTTER |  | 11 REMOVE SANITARY SEWER LINE |
|  | 5 REMOVE TREES/LANDSCAPING |  | 12 REMOVE SIGNAGE |
|  | 6 REMOVE FENCE OR BACK STOP |  | 13 REMOVE MULCH / MULCH PLAYGROUND |
|  | 7 REMOVE PLAYGROUND AREA |  | 14 REMOVE PAINT LINES |

- | | | | | |
|----|---------------------------------|----|---------------------------------|------|
| 8 | REMOVE STORM MH/CB | 15 | REMOVE LIGHT POLE/LIGHT POLE | |
| 9 | REMOVE STORM SEWER LINE | 16 | REMOVE AND REINSTALL BIKE RACKS | AD-3 |
| 10 | REMOVE SANITARY MH | X | X | X |
| 11 | REMOVE SANITARY SEWER LINE | 17 | REMOVE AND RELOCATE FENCE | AD-3 |
| 12 | REMOVE SIGNAGE | | | |
| 13 | REMOVE MULCH / MULCH PLAYGROUND | | | |
| 14 | REMOVE PAINT LINES | | | |



GRAPHIC SCALE





**SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

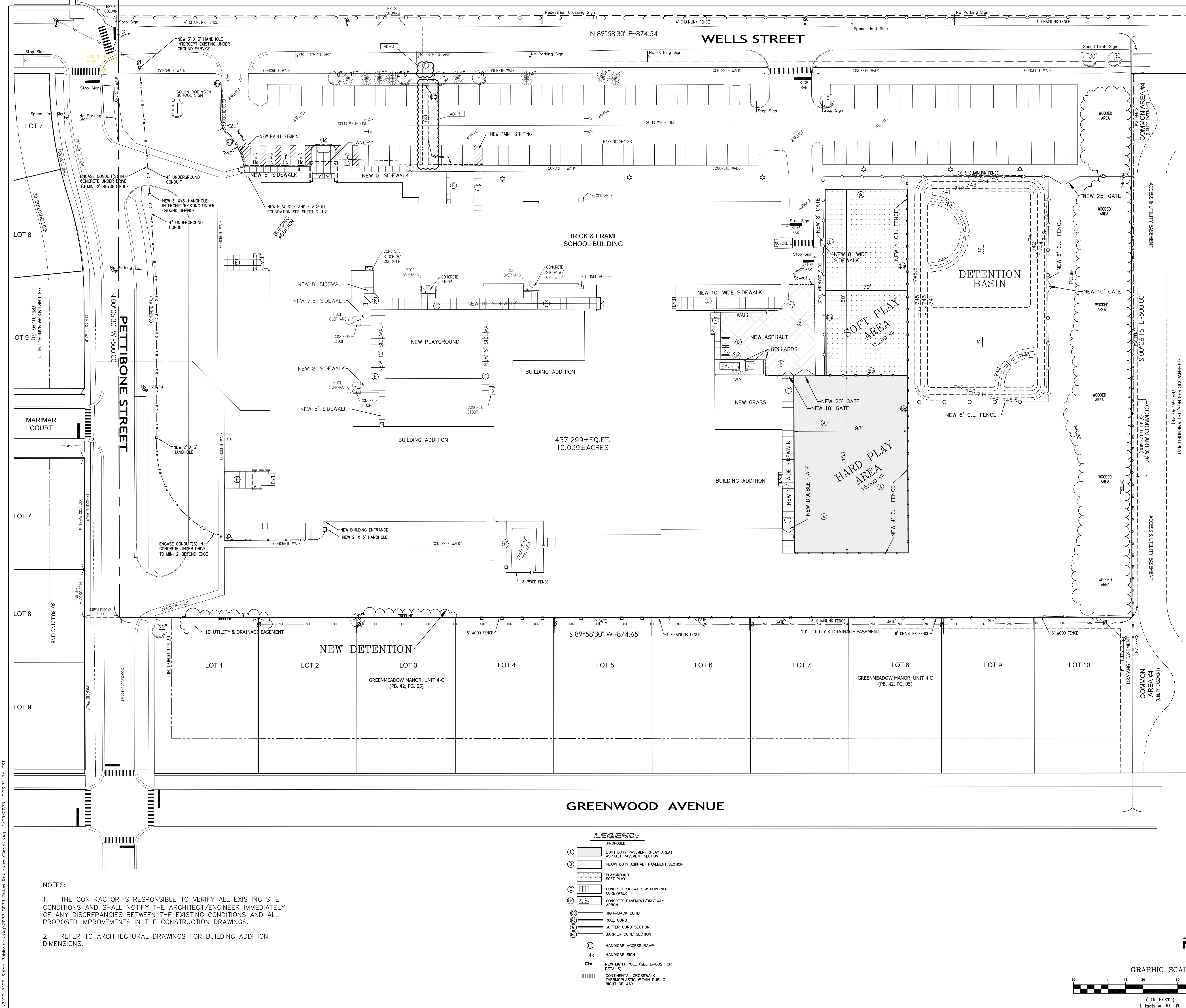
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REVISIONS		
MARK	DATE	ISSUED FOR
	01-11-23	BASE BID SUBMITTAL
AD-3	02-02-23	ADDENDUM NO. 3

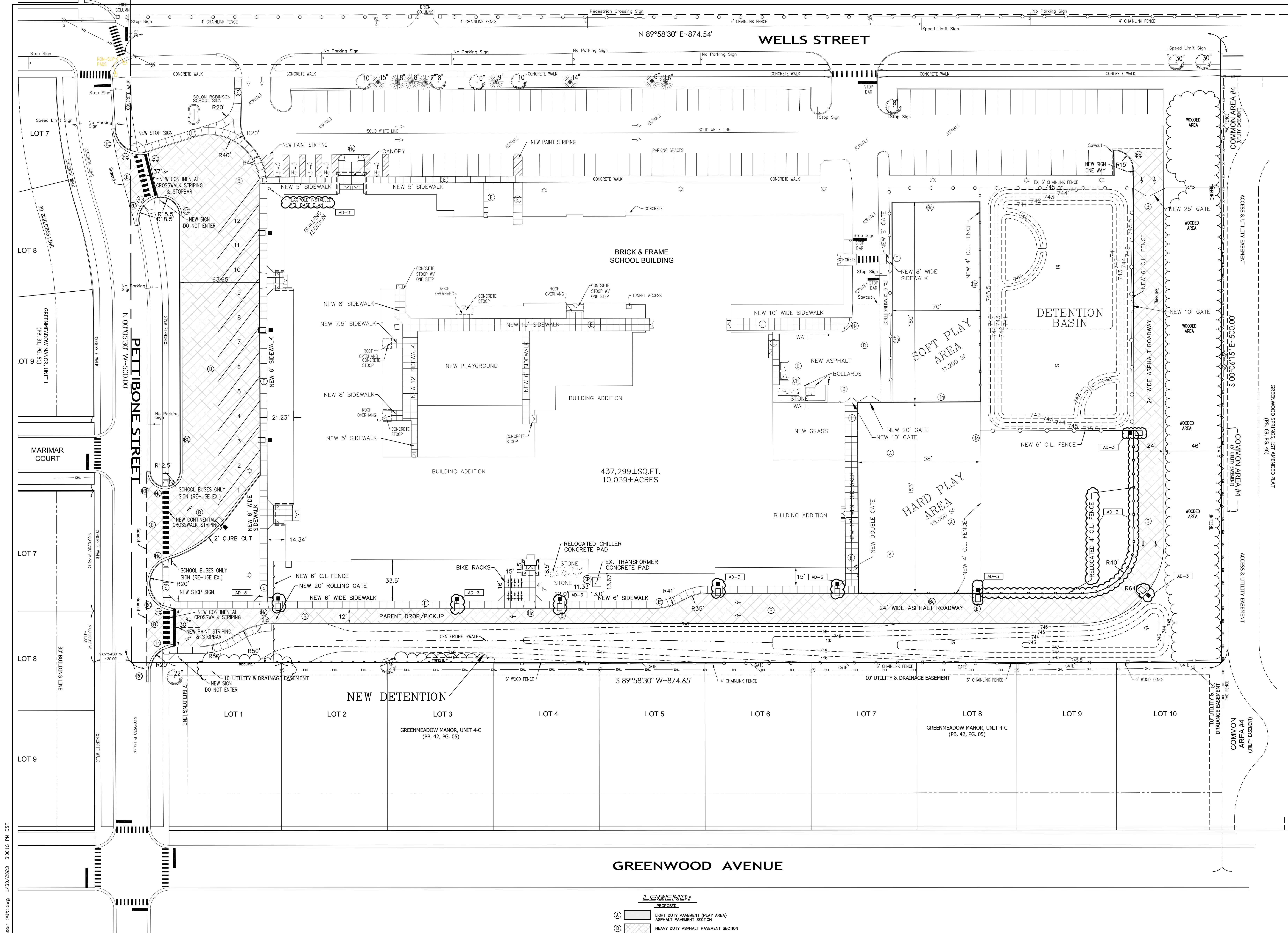
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PROJECT
**SOLON ROBINSON ELEMENTARY
 SCHOOL ADDITIONS, RENOVATIONS
 AND RELATED WORK**

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Z:\2022-2023 Solon Robinson\2022-2023 Solon Robinson.dwg 1/30/2023 3:00:16 PM CST



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. REFER TO ARCHITECTURAL DRAWINGS FOR BUILDING ADDITION DIMENSIONS.

GREENWOOD AVENUE

LEGEND:

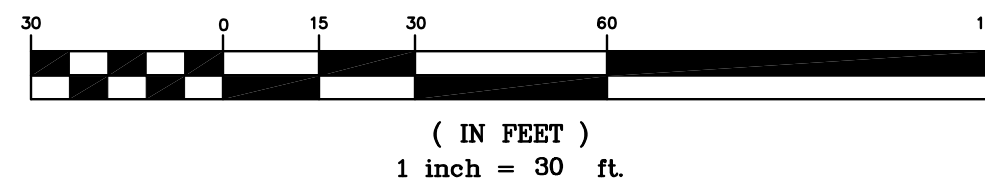
- PROPOSED:
- (A) LIGHT DUTY PAVEMENT (PLAY AREA)
 - (B) ASPHALT PAVEMENT SECTION
 - (C) HEAVY DUTY ASPHALT PAVEMENT SECTION
 - (D) PLAYGROUND SOFT PLAY
 - (E) CONCRETE SIDEWALK & COMBINED CURB/WALK
 - (F) CONCRETE PAVEMENT/DRIVEWAY APRON
 - (G) HIGH-BACK CURB
 - (H) ROLL CURB
 - (I) GUTTER CURB SECTION
 - (J) BARRIER CURB SECTION
 - (K) HANDICAP ACCESS RAMP
 - (L) HANDICAP SIGN
 - (M) NEW LIGHT POLE (SEE E-002 FOR DETAILS)
 - (N) CONTINENTAL CROSSWALK THERMOPLASTIC WITHIN PUBLIC RIGHT OF WAY

ALTERNATE LIST:

- A. **Alternate 1:** State the cost to provide a new paved car drop-off area located on the east and south side of the site. This Alternate also includes the south entry canopy including Vestibule C-101 and masonry screen wall around Mechanical Yard C-131. **Base Bid:** Grade and seed site as indicated. No new paved drive to be installed. Existing exterior exit door at Corridor C-102 to remain. No new masonry screen wall to be installed.
- B. **Alternate 2:** State the cost to relocate the existing chiller in Mechanical Yard C-131 and install a new concrete equipment pad as indicated on drawings. **Base Bid:** Existing chiller to remain in current location.
- C. **Alternate 3:** State the cost to remove the existing chiller and install a new chiller in Mechanical Yard C-131 along with a new concrete equipment pad as indicated on drawings. Remove, modify, reinstall, and paint existing wood fence as required to enclose chiller in new location. **Base Bid:** Existing chiller to remain in current location.
- D. **Alternate 4:** State the cost to provide new paved bus drop-off and parking area on the west side of the site. **Base Bid:** Existing paved bus drop-off and parking to remain.



GRAPHIC SCALE



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PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN

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Indianapolis, IN 46260
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Email: info@GibraltarDesign.com
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PROJECT

21-109

DATE

01/11/23

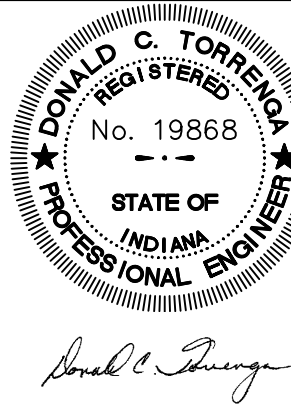
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REVISIONS

MARK	DATE	ISSUED FOR
01-11-23		ALTERNATE BID SUBMITTAL
AD-3	02-02-23	ADDENDUM NO. 3

DRAWING

SITE PLAN

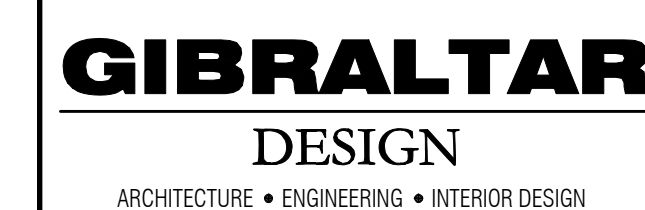
PROJECT
SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

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A

C-2.1A



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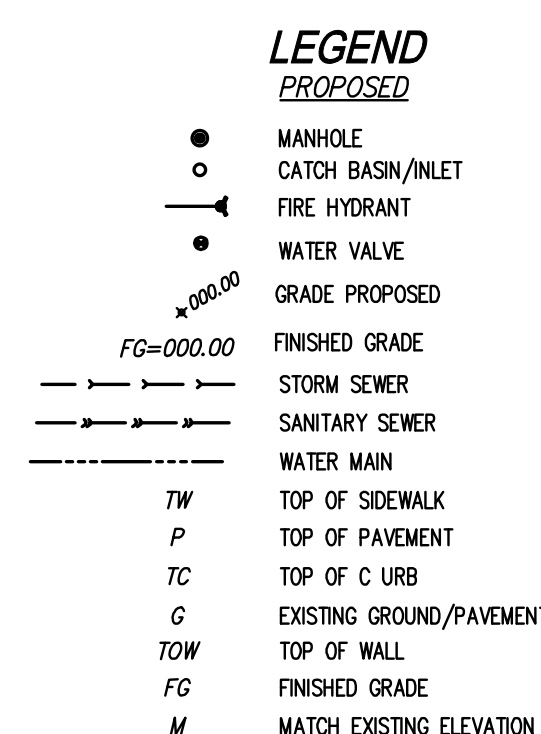
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REVISIONS

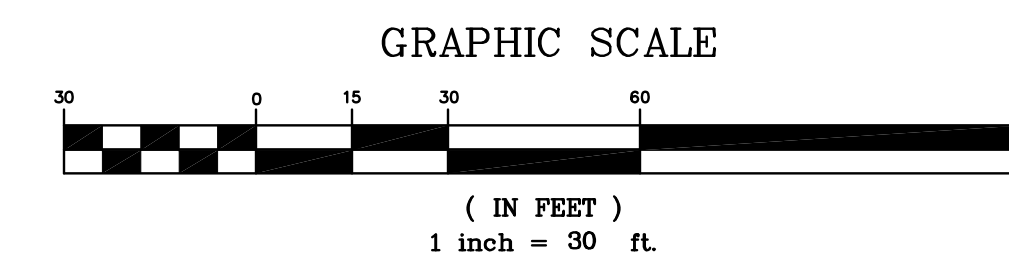
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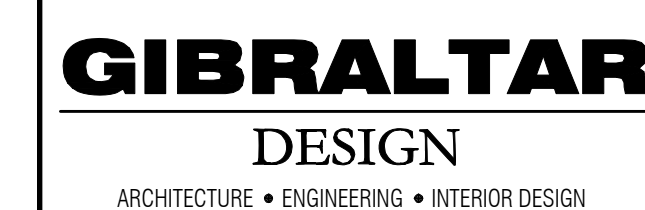
PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS
AND RELATED WORK

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NORTH





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SCHOOL
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WORK**

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REVISIONS		
MARK	DATE	ISSUED FOR
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AD-3	02-02-23	ADDENDUM NO. 3

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS
AND RELATED WORK

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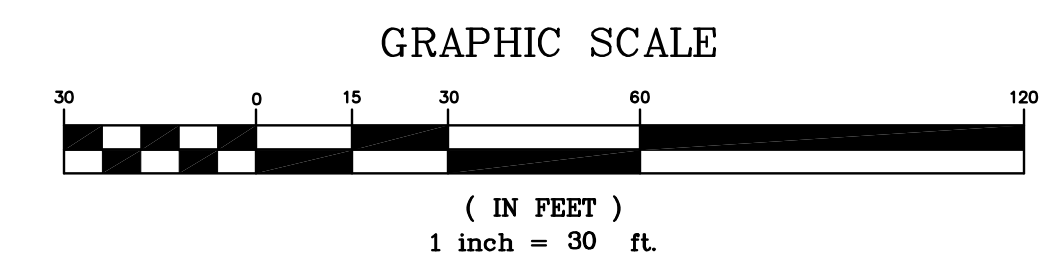
	MANHOLE
	CATCH BASIN/INLET
	FIRE HYDRANT
	WATER VALVE
	GRADE PROPOSED
	FINISHED GRADE
	STORM SEWER
	SANITARY SEWER
	WATER MAIN
	TOP OF SIDEWALK
	TOP OF PAVEMENT
	TOP OF CURB
	EXISTING GROUND/PAVEMENT
	TOP OF WALL
	FINISHED GRADE
	MATCH EXISTING ELEVATION

A. Alternate 1: State the cost to provide a new powered car drop-off/dive located on the east and south side of the site. This Alternate also includes the south entry canopy including Ventile C-102 and masonry screen wall around Mechanical Bay C-101. **Base Bid:** Grade and seed site as indicated. No powered dive or installed. Existing exterior door at Corridor C-102 to remain. No new masonry screen wall to be installed.

B. Alternate 2: State the cost to relocate the existing climber in Mechanical Bay C-131 and install a new concrete equipment pad as indicated on drawings. **Base Bid:** Existing climber to remain in current location.

C. Alternate 3: State the cost to remove the existing climber and install a new climber in Mechanical Bay C-131 along with a new concrete equipment pad as indicated on drawings. Remove, modify, install, and paint existing wood fence required to enclose climber in new location. **Base Bid:** Existing climber to remain in current location.

D. Alternate 4: State the cost to provide new powered car drop-off and position pads on the west side of the site. **Base Bid:** Existing powered car drop-off and position to remain.



2. REF. S-401 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK ARE NOT BE INDICATED.
4. COORDINATE EXIST/ SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
5. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION AS SHOWN ON SHEET XXXXXX, REF. CIVIL DWG.
6. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
7. REF. S-401 FOR FOUNDATION DETAIL FINDINGS.
8. NOTE: PERIMETER WALL AND COLUMN FOUNDINGS SHALL BE LOWERED AND SLEAVED TO PASS OVER PLUMBING LINES, IF SANITARY & STORM SEWERS (WATER LINES ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTINGS STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.
9. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND THE FLOORING SUPPLIER.
10. COORDINATE REINFORCING BOWLS FOR CMU VERTICAL REINFORCING WITH REIN. NOTED ON PLANS & SECTIONS.
11. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SLID.
12. COLUMN FOOTINGS, TIEING FOOTINGS AND WALL FOOTINGS SHALL BE ON APPROVED SLAB. UNLESS AS NOTED TO SUSPEND BEARING MATERIAL. REF. TYPICAL FOUNDATION DETAILS & T&S-10-41.
13. AT APPLICABLE LOCATIONS, REPAIR EXISTING SLAB AS REQUIRED AFTER EXISTING SLAB & THICKENED SLABS HAVE BEEN INSTALLED. REFER TO SHEET S-401 FOR NEW-FIX-EXISTING SLAB DET.
14. EX. EX. CONSTRUCTION SHOWN IN PLAN AND SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FULLY VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED DURING CONSTRUCTION, STOP WORK IMMEDIATELY AND NOTIFY ARCHITECT IMMEDIATELY TO CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
15. PROVIDE THICKENED SLAB DETAIL UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE 10-60-42 FOR THICKENED SLAB DETAIL. WALL THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.
16. PROVIDE CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE TYP OR THICK-SET TERRAZZO, GRANITE TILE, VINYL COMPOSITION TILE (VCT) OR VINYL SHEET GOODS. EPOXY OR SIMILAR TYPICAL FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT A JOINT LAYOUT TO ARCHITECT FOR REVIEW PRIOR TO PLACING SLABS.
17. FOR ARCHITECTURAL PLASTER NOT SUPPORTING STRESS, JOINTS CONSTRUCT AS FULLY-GROUTED MASONRY JOINTS OR CASE-IN-PLACE CONCRETE PERSE REINFD W/ 40 VERTICAL REINFORCING AT 12" O.C. ALL FAS-PLAS. AT CONTRACTOR'S OPTION.
18. DENOTES EXISTENT CONCR. BLOCK PARTITION WALL @ 4# #4 @ 4' o.c. (GROUT SOLD AT BARS) ON CONC. SLAB ON GRADE PARTITION DETAIL 17-5-42.

18. PLAN LEGEND:

F.F.	DENOTES FINISH FLOOR
T/X	DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.
B/X	DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.
C.J.	DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
WF30 -20'-0"	DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)


 DENOTES WALL FOOTING WITH STEPS, REF. TYP.
 DETAIL ON S-401

The diagram illustrates a column footing and pier assembly. It features a central steel column surrounded by a concrete pier, which is itself surrounded by a column footing. The assembly is shown in a plan view. Dimensions are provided for the footing and pier. Labels identify the various components.

Labels and Dimensions:

- DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FENS)**: Points to the central steel column.
- F5.0-4'6"**: Dimension for the footing.
- P24 -0'-0"**: Dimension for the pier.
- HS56x338**: Label for the steel column.
- DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.)**: Points to the outer dashed line.
- DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.)**: Points to the inner dashed line.
- COLUMN FOOTING**: Label for the outermost rectangular area.
- CONCRETE PIER**: Label for the middle rectangular area.
- STEEL COLUMN**: Label for the innermost rectangular area.


 DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/CY. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF :
 E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT &
 E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED GRANULAR FILL (INDOT NO. 53 OR APPROVED EQUIV.)


 DENOTES 5" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/CY. (OR EQUAL) & ES SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF :
 ES INTERNAL CURE ADMIXTURE @ 4.0Z/CWT &
 ES CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED GRANULAR FILL (INDOT NO. 53 OR APPROVED EQUIV.)



DENOTES INTERIOR NON-LOAD BEARING WALLS,
SEE NOTES 16 & . COORDINATE EXACT EXTENTS AND
LOCATIONS w/ ARCHITECTURAL DRAWINGS.

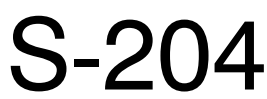
FTG. MARK	FOOTING SIZE		FOOTING REINFORCING	
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
WF24	2'-0"	1'-0"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C.
WF30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C.
WF36	3'-0"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.

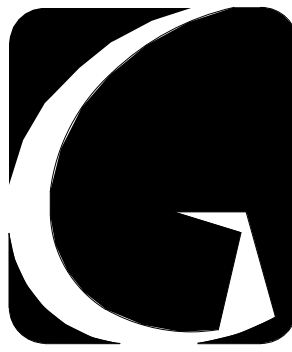
1. CENTER FOOTINGS BENEATH WALLS, U.N.O.

FTG. MARK	FOOTING SIZE		FOOTING REINFORCING	
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
TF30	2'-6"	2'-8"	#4 x 6' x CONTINUOUS	#3 x 2'-0" @ 96" O.C.
TF36	3'-0"	2'-8"	#5 #6 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.

1. CENTER FOOTINGS BENEATH WALLS, U.N.O.

2. TRENCH FOOTINGS MAY BE CAST DIRECTLY AGAINST SOIL WITHOUT FORMING WHERE EXISTING SOIL CONDITIONS PERMIT. FORM TOP OF TRENCH FOOTINGS WHERE SOIL HAS SLOUGHED SIGNIFICANTLY, WHERE GRADE IS LOWER THAN THE INDICATED TOP OF FOOTING ELEVATION, OR WHEREVER TRENCH FOOTING WOULD INTERFERE WITH THE INSTALLATION OF DOWNSPOUTS, CONDUIT, BOLLARDS, ETC. COORDINATE WITH MECHANICAL, ELECTRICAL, PLUMBING & SITE/CIVIL DRAWINGS.



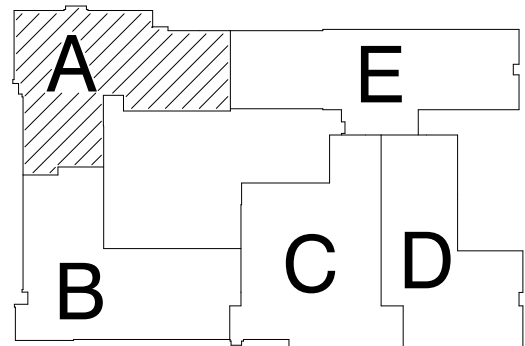


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PROJECT

**SOLO
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

CROWN POINT COMMUNITY
CEDAR LAKE, INDIANA



KEY PLAN

GIBALTAR DESIGN

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PROJECT

21-109

DATE

01/11/23

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	01.26.23	ADDENDUM #1
AD-3	02.02.23	ADDENDUM #3

DRAWING
ROOF FRAMING
PLANS - UNIT A

PROJECT
**SOLO
ROBINSON ELEMENTARY
SCHOOL ADDITIONS,
RENOVATIONS,
AND RELATED WORK**

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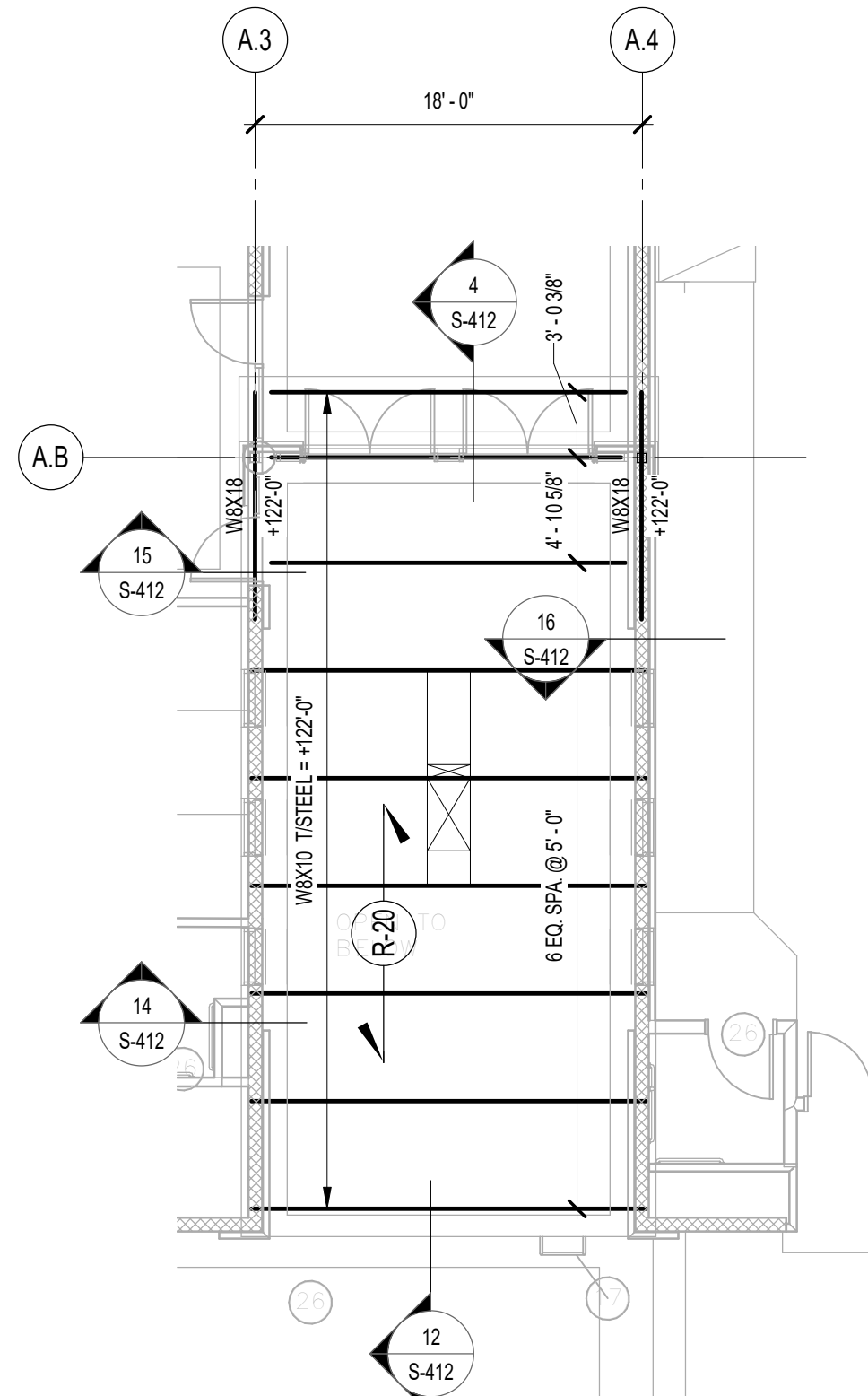
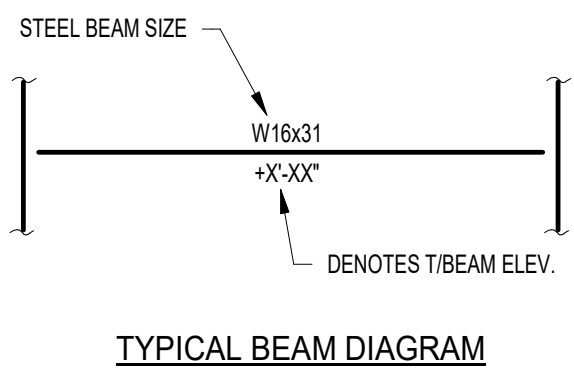
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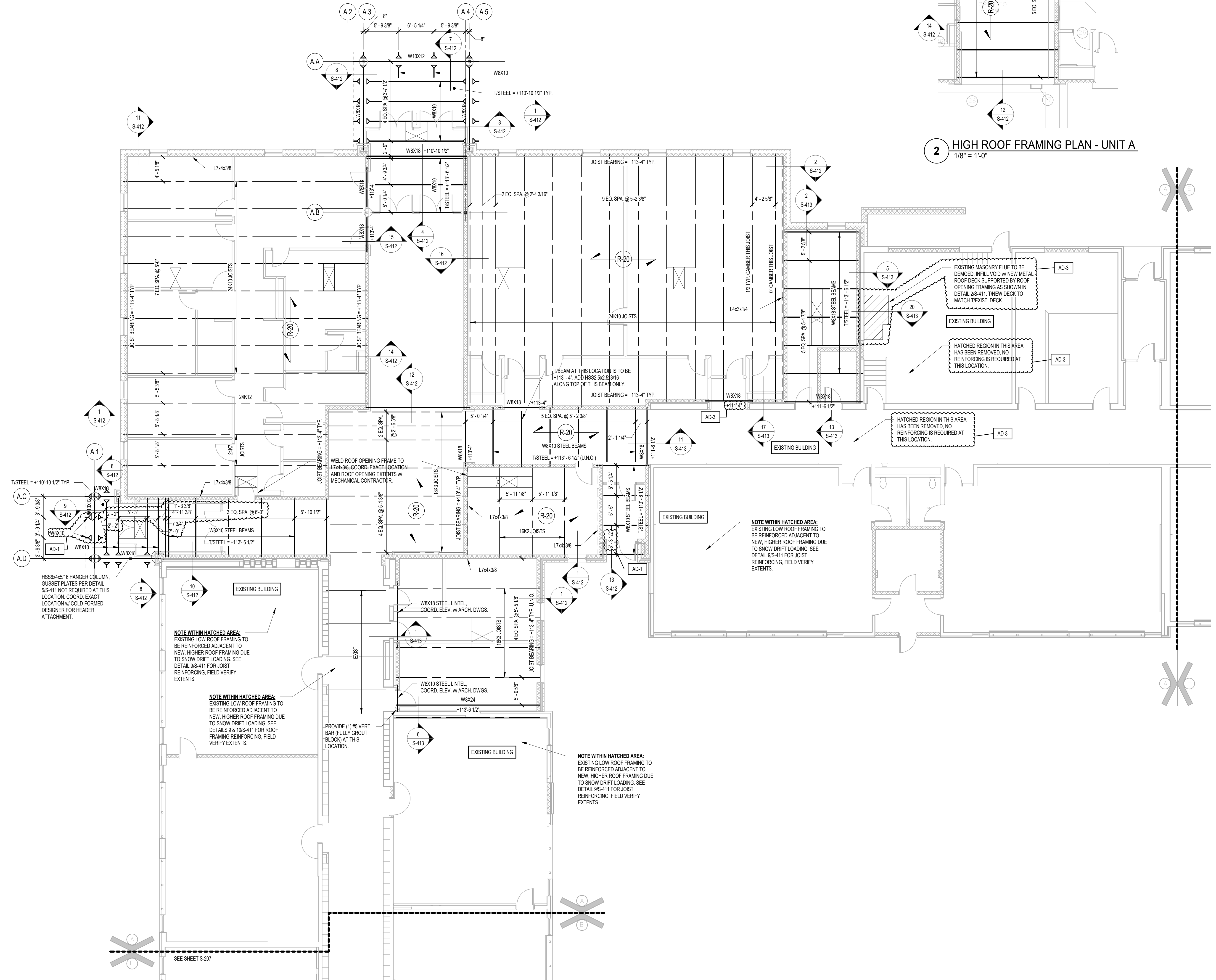
S-206

FRAMING PLAN NOTES

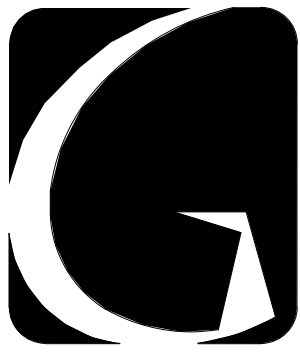
- REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
 - REF. THE S-400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
 - ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
 - ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
 - SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
 - REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS.
 - REF. S-403 FOR TYPICAL MASONRY DETAILS.
 - INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL 11S-411 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
 - ALL WALLS SHALL BE Laid OUT FROM THE ARCHITECTURAL DRAWINGS.
 - REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
 - COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
 - ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
 - PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
 - PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10' O.C. MAX VERTICAL SPACING). PROVIDE 12" OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
 - ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
 - REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
 - ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
 - PLAN LEGEND:
- F.F. DENOTES FIN. FLOOR
T/X/ DENOTES TOP OF STEEL, SLAB, ETC.
B/X/ DENOTES BOTTOM OF LINTEL, ETC.
E.O.D. (or EOD) DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.)
NOTE: PERIMETER ROOF ANGLE/BEAM PL. NOT REQUIRED
- ⤴ (R-20) DENOTES 1/2" 20 GA. WIDE RIB STEEL ROOF DECK, PRIME PAINTED ONLY. REF. DETAIL 1S-411.
⤴ DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S-411.
⊠ DENOTES APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 2S-411. COORD. EXACT LOCATION & EXTENTS W/ MECH. CONTRACTOR.
19. WIDE-FLANGE BEAM & GIRDER NOTATION:
REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS FOR PURLINS AND 25 KIPS FOR GIRDERS.



2 HIGH ROOF FRAMING PLAN - UNIT A
1/8" = 1'-0"



1 LOW ROOF FRAMING PLAN - UNIT A
1/8" = 1'-0"

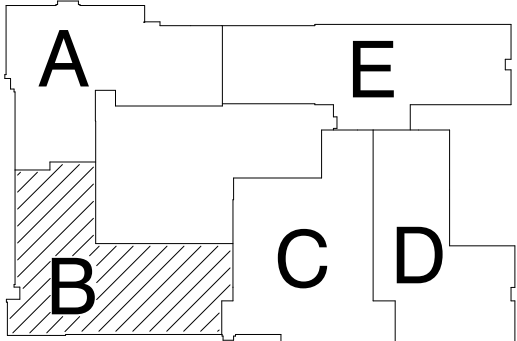


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PROJECT

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CROWN POINT COMMUNITY
SCHOOL CORPORATION
CEDAR LAKE, INDIANA



KEY PLAN

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PROJECT

21-109

DATE

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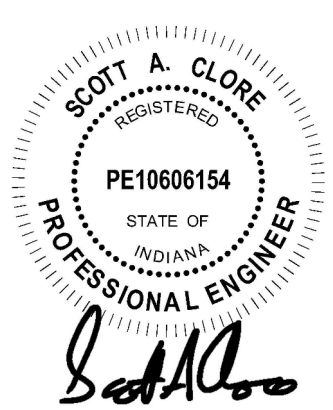
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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	01.26.23	ADDENDUM #1
AD-3	02.02.23	ADDENDUM #3

DRAWING
ROOF FRAMING PLAN
- UNIT B

PROJECT
**SOLO
ROBINSON ELEMENTARY
SCHOOL ADDITIONS,
RENOVATIONS,
AND RELATED WORK**

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SHEET

B

S-207

FRAMING PLAN NOTES

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S-400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
6. REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS.
7. REF. S-403 FOR TYPICAL MASONRY DETAILS.
8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL 11S-411 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
9. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
10. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
11. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.
12. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
13. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
14. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.
15. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
16. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
17. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
18. PLAN LEGEND:

F.F. DENOTES FIN. FLOOR

T7X DENOTES TOP OF STEEL SLAB, ETC.

B7X DENOTES BOTTOM OF LINTEL, ETC.

E.O.D. (or EOD) DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.)
NOTE: PERIMETER ROOF ANGLE/BENT PL. NOT REQUIRED

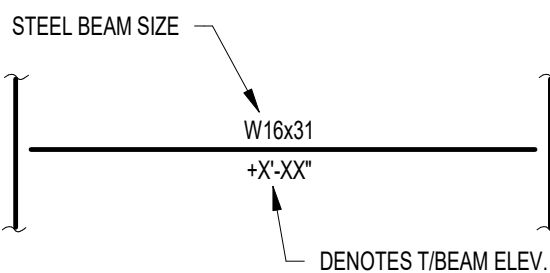
⚡ (R-20) DENOTES 1-1/2" x 20 GA. WIDE RIB STEEL ROOF DECK, PRIME PAINTED ONLY. REF. DETAIL 11S-411.

▶ DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S-411.

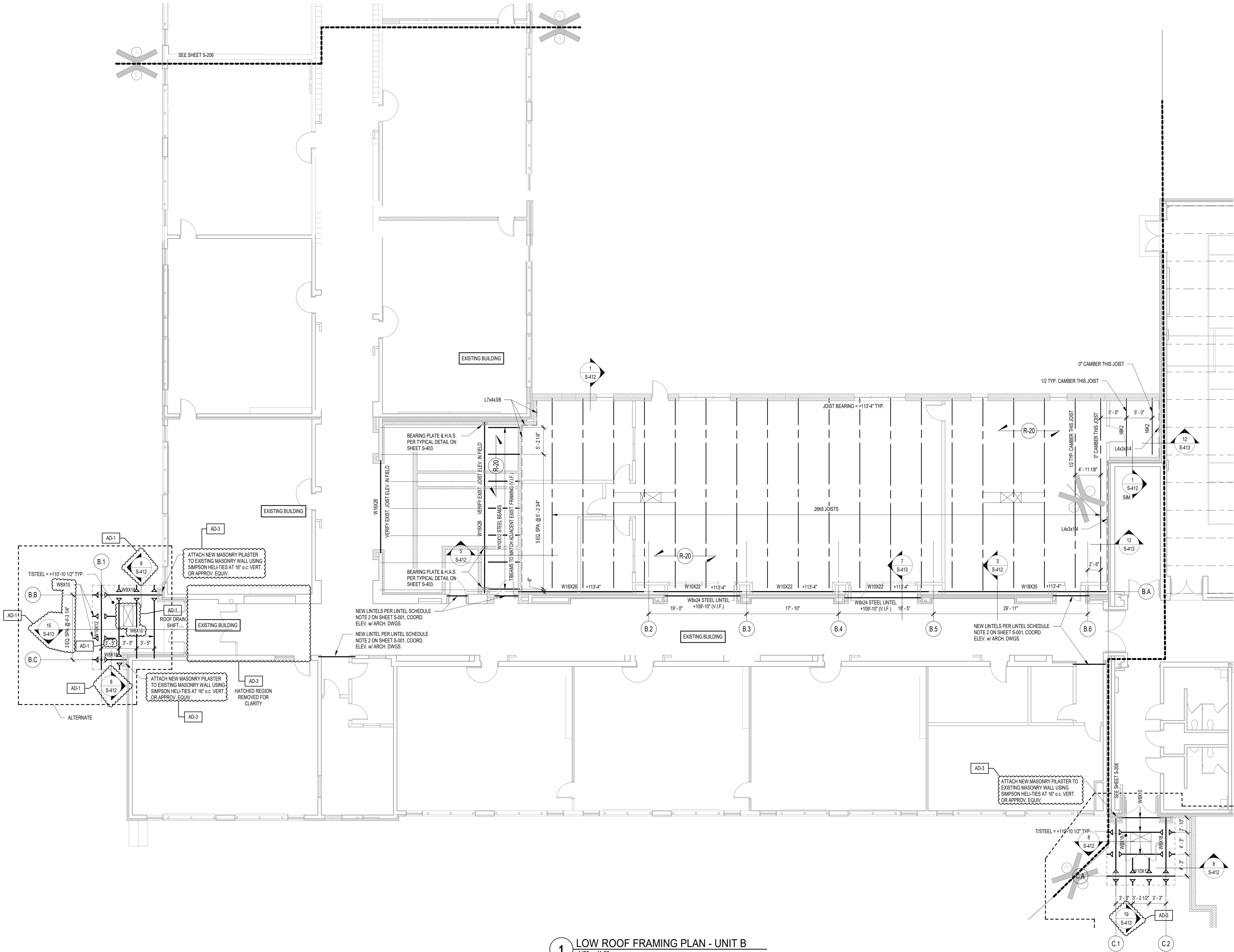
⊠ DENOTES APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 25S-411. COORD. EXACT LOCATION & EXTENTS w/ MECH. CONTRACTOR.

19. WIDE-FLANGE BEAM & GIRDER NOTATION:

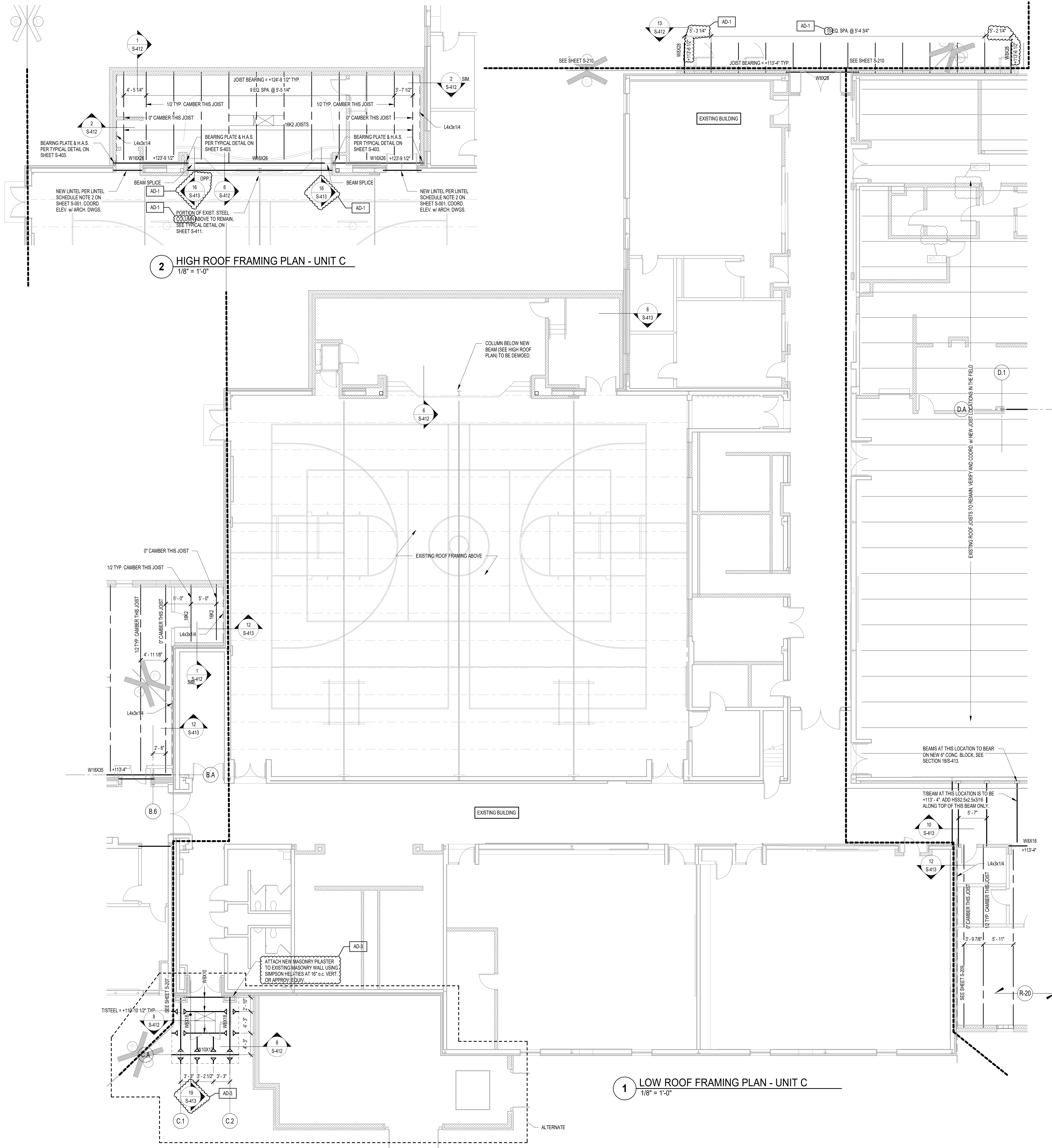
REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS FOR PURLINS AND 25 KIPS FOR GIRDERS.



TYPICAL BEAM DIAGRAM



1 LOW ROOF FRAMING PLAN - UNIT B
1/8" = 1'-0"



FRAMING PLAN NOTES

1. REF. S-101 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.

2. REF. THE S-400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.

3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.

4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.

5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.

6. REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS.

7. REF. S-403 FOR TYPICAL MASONRY DETAILS.

8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL 11S-411 FOR ATTACHMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.

9. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.

10. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN, CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.

11. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTORS. LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION.

12. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.

13. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.

14. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS. AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ENDS OF WALLS.

15. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.

16. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.

17. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJ SPECIFICATIONS.

18. PLAN LEGEND:

F.F.

DENOTES FIN. FLOOR

T/X

DENOTES TOP OF STEEL SLAB, ETC.

B/X

DENOTES BOTTOM OF LINTEL, ETC.

E.O.D.
(or EOD)

DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.)
NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED

(R-20)

DENOTES 1-1/2" 20 GA. WIDE RIB STEEL ROOF DECK, PRIME PAINTED ONLY. REF. DETAIL 1S-411.

DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S-411.

DENOTES APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 2S-411. COORD. EXACT LOCATION & EXTENTS w/ MECH. CONTRACTOR.

19. WIDE-FLANGE BEAM & GIRDER NOTATION:

REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS FOR PURLINS AND 25 KIPS FOR GIRDERS.

STEEL BEAM SIZE

W16x31

1'-3 3/4"

DENOTES T-BEAM ELEV.

TYPICAL BEAM DIAGRAM

GIBALTAR

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

GIBALTAR DESIGN
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 21-109
DATE 01/11/23
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

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MARK	DATE	ISSUED FOR
AD-1	01.26.23	ADDENDUM #1
AD-3	02.02.23	ADDENDUM #3

DRAWING
ROOF FRAMING
PLANS - UNIT C

PROJECT
SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK
© GIBALTAR DESIGN SHEET

C S-208

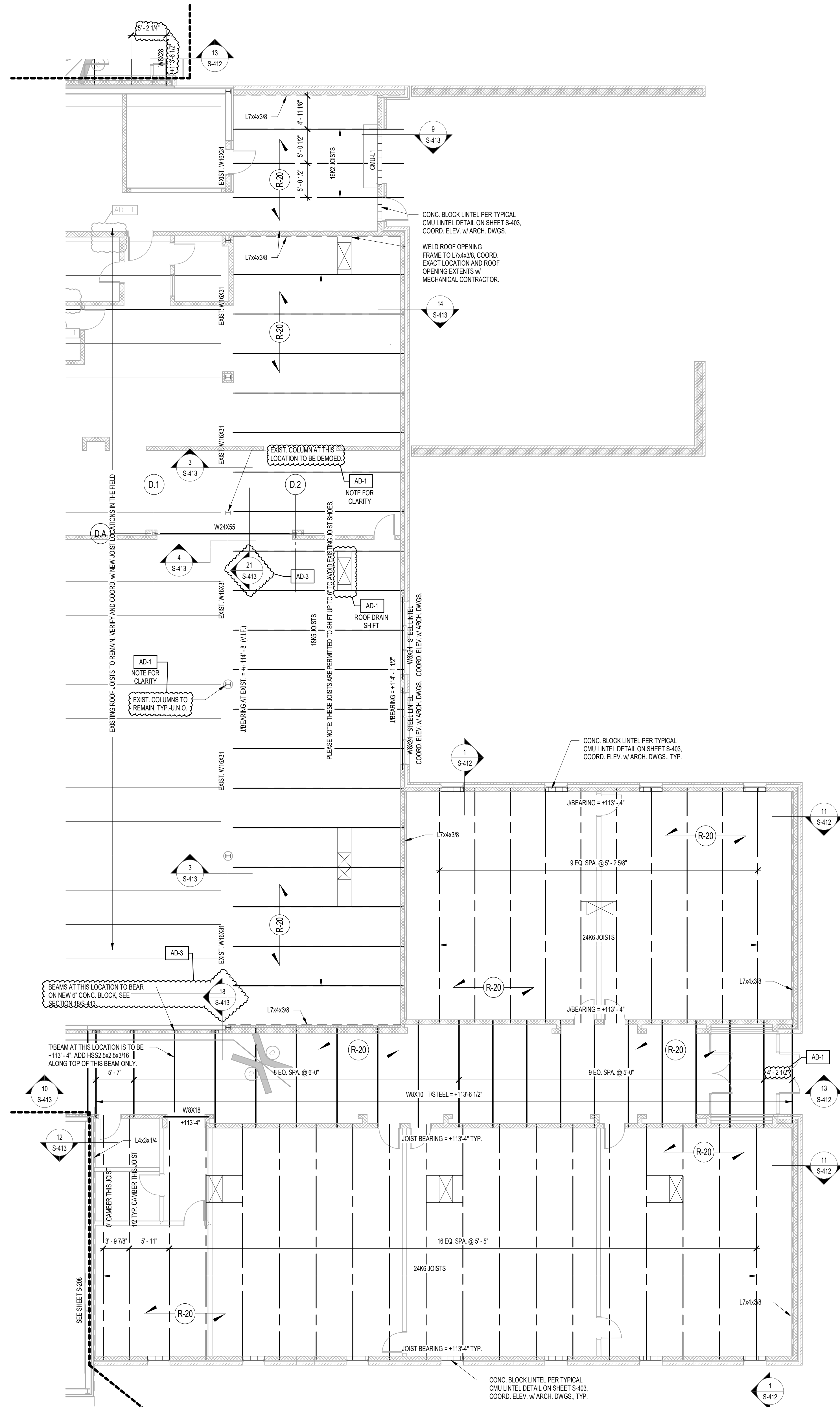
2. REF. S-40 FOR STRUCTURAL NOTES, DESIGN DATA AND SCHEDULES & LEGENDS
3. REF. S-40 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
4. ALL DIMENSIONS ARE TO FACE UNLESS OTHERWISE NOTED. ALL DISCREPANCIES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK SHALL BE DETERMINED BY THE CONTRACTOR.
5. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +107.0'. COORD. LOSS/ELEVATION WITH CIVIL DWGS.
6. ALL ROOFING SHALL BE PERMANENTLY SUPPORTED ON FOUNDATIONS.
7. REF. S-41 FOR TYPICAL CONNECTION & FRAMING DETAILS.
8. REF. S-40 FOR TYPICAL MASONRY DETAILS
9. ALL ROOFING JOISTS SHALL BE PROTECTED FROM ROOF DECKS. SEE DETAIL 11H-41 FOR ATTACHMENT TO BEAMS AND FOR ALL CONDITIONS NOT SPECIFICALLY DEFINED IN FRAMING SECTIONS.
10. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
11. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY THE ARCHITECT OF ANY DISCREPANCY.
12. COORDINATE EXISTING SITE LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTORS'. LOCATION & SIZE OF ALL DUCT PENETRATIONS SHALL BE IDENTIFIED. SHALL BE IDENTIFIED BY THE MECHANICAL CONTRACTOR.
13. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
14. ALL ROOFS COMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL CONDITIONS ON S-41. COORD. EXIST. NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS FOR THE ARCH. & MEP DWGS.
15. ALL ROOFING INCLUDING FLASHING SHALL BE SHOWN ON PLANS BY LINES OR DETAILS. MINIMUM C/P WALL REINFORCING TO BE R#5 @ 24" O.C. PROVIDE ONE "OPEN-CORE" BOND BEAM AT TOPS OF WALLS AT CHANGES IN MUO THICKNESS. WHERE CHANGES IN MUO THICKNESS OCCUR, INTERSECT VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERTS. AT ALL MASONRY BOND BEAMS. OTHER THAN BOND BEAM ENTLES OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGHOUT.
16. ALL ROOFING SHALL BE PERMANENTLY SUPPORTED ON FOUNDATIONS.
17. REF. ARCH. DWGS. FOR MASONRY CONNECTION & EXPANSION JOINT LOCATIONS.
18. ALL HORIZONTAL AND DIAGONAL BRIDGES FOR ST.S/S SHALL BE DESIGNED. LOADS SHALL BE PROVIDED BY THE ADJ. SUPPLIER PER S.J.S SPECIFICATIONS.
19. PLAN LEGEND:

 DENOTES 1-1/2", 20 GA. WIDE RIB STEEL ROOF DECK, PRIME PAINTED ONLY. REF. DETAIL 1/S-411.

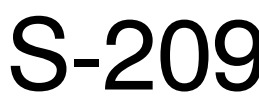
 DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S-411.

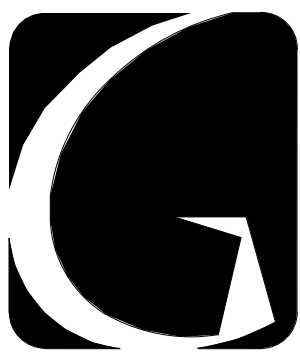
 DENOTES APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 2/S-411. COORD. EXACT LOCATION & EXTENTS w/ MECH. CONTRACTOR.

REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS FOR PURLINS AND 25 KIPS FOR GIRDERS.



1 LOW ROOF FRAMING PLAN - UNIT D
1/8" = 1'-0"





GIBALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**SOLO
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CEDAR LAKE, INDIANA

GIBALTAR DESIGN

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Phone: 317.580.5777 Fax: 317.580.5778

PROJECT

21-109

DATE

01/11/23

COORDINATED BY

NHF

DRAWN BY

NHF

CHECKED BY

SAC



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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	01.26.23	ADDENDUM #1
AD-3	02.02.23	ADDENDUM #3

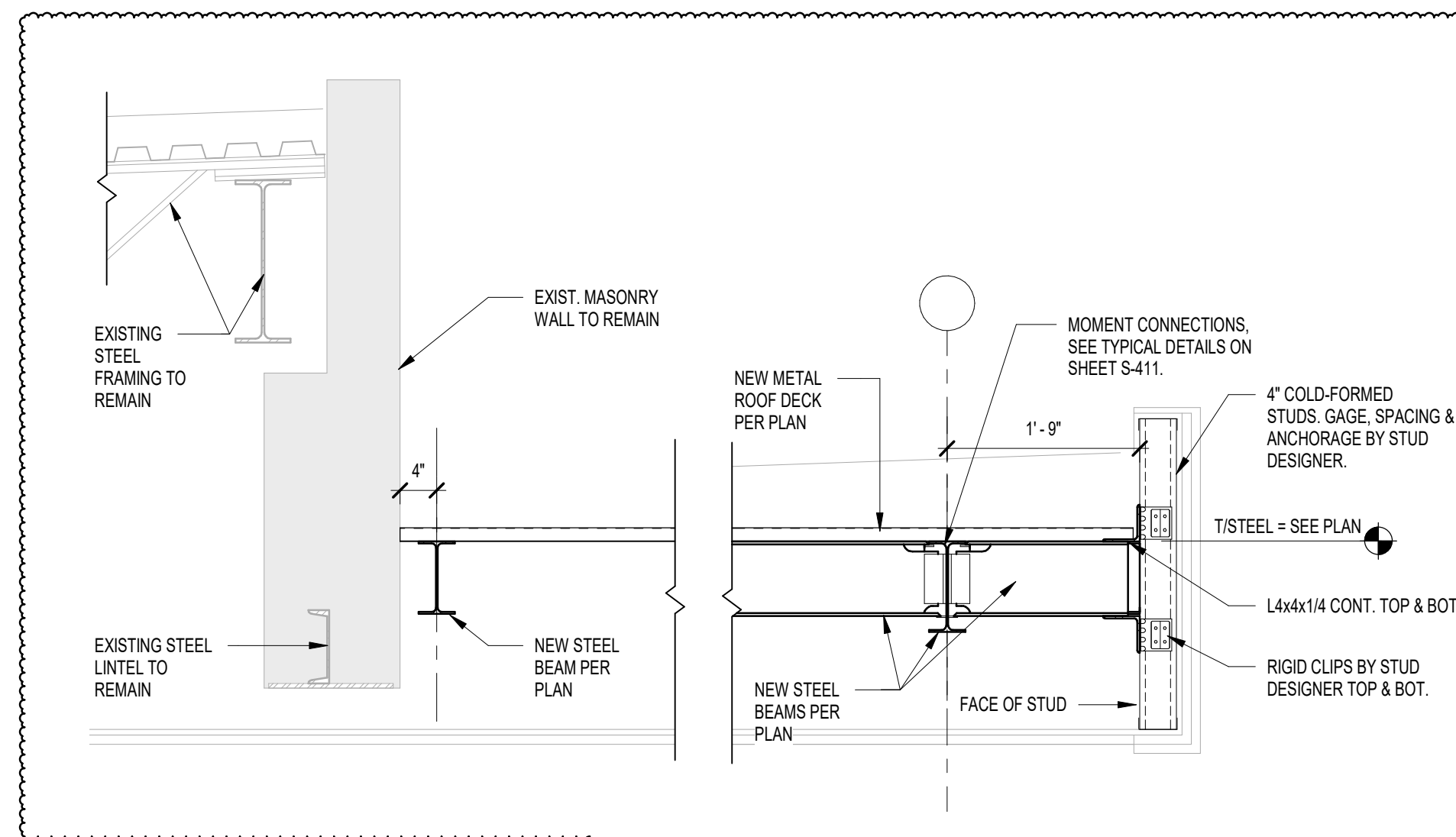
DRAWING
STRUCTURAL
FRAMING SECTIONS

PROJECT
**SOLO ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK**

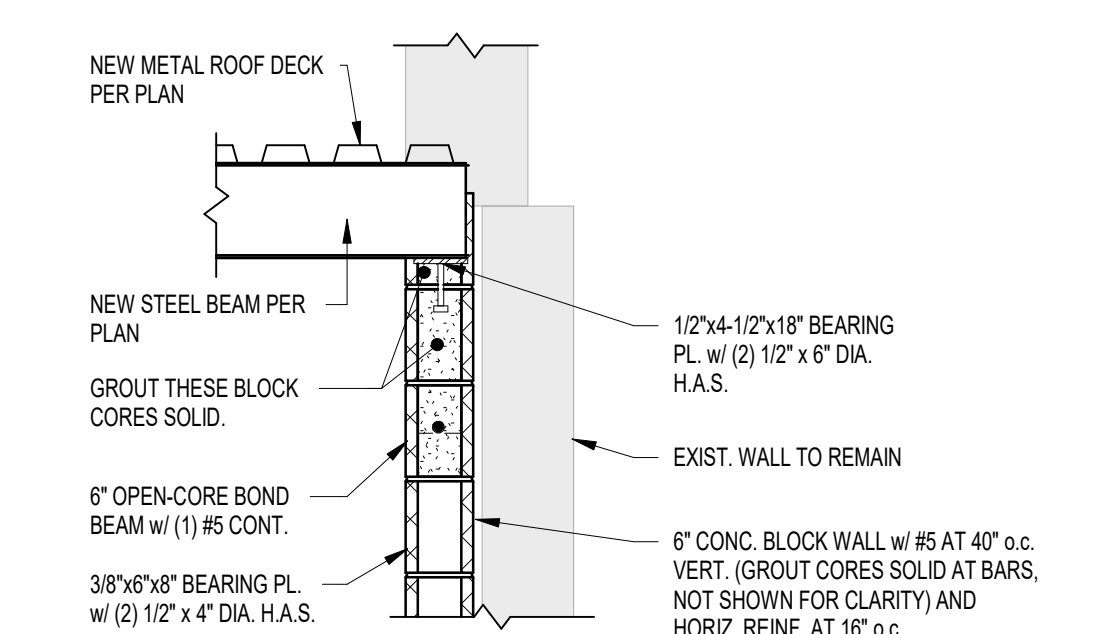
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SHEET

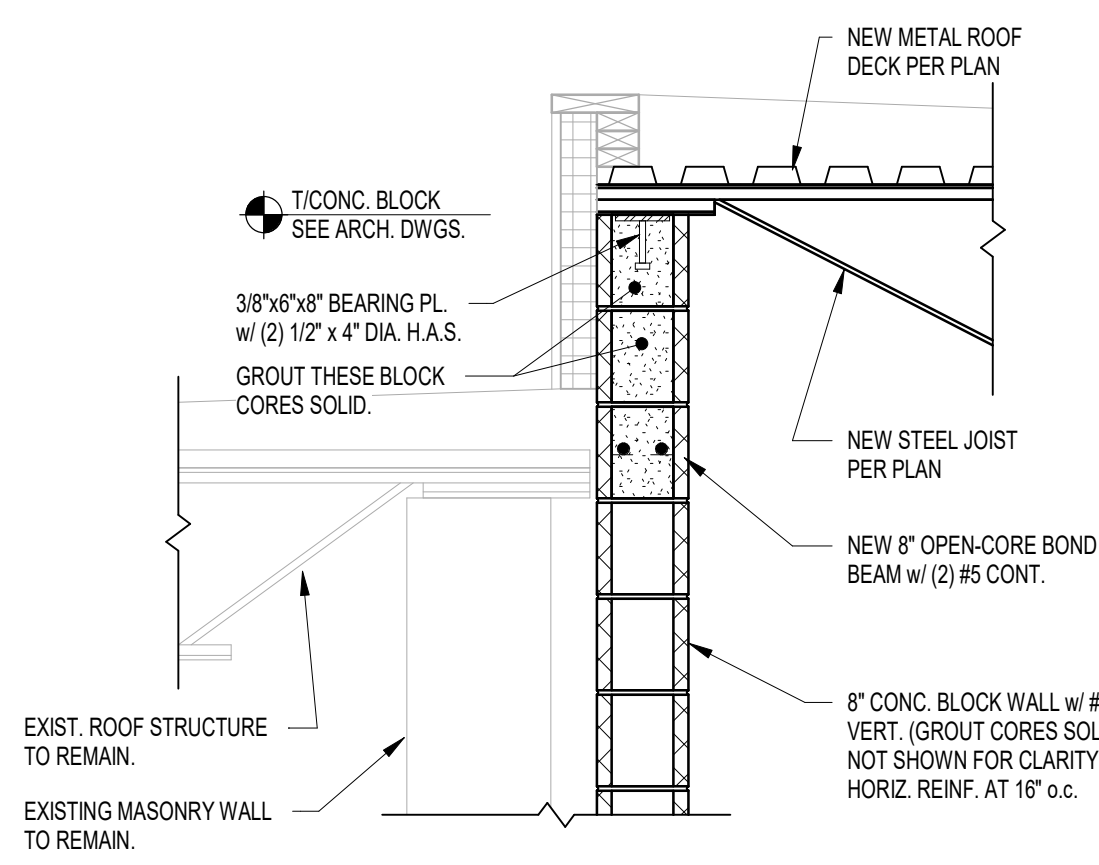
S-413



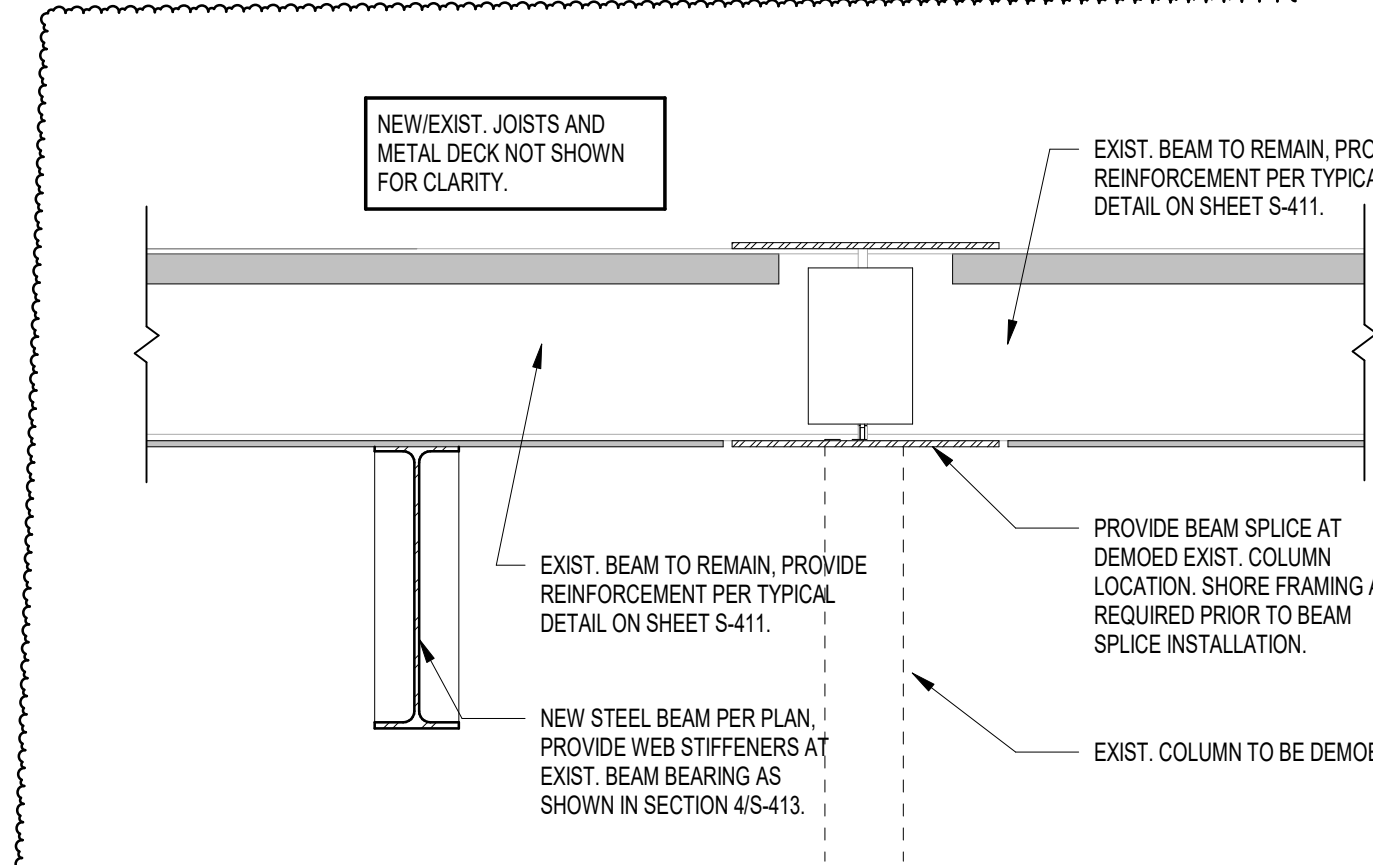
19 FRAMING SECTION
3/4" = 1'-0"



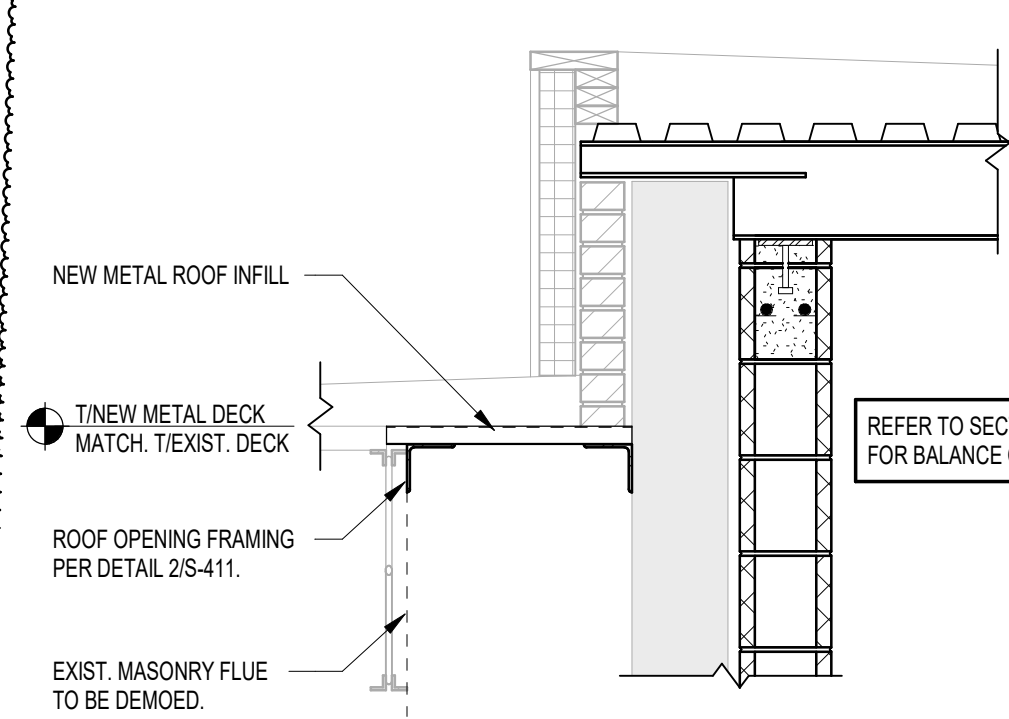
18 FRAMING SECTION
3/4" = 1'-0"



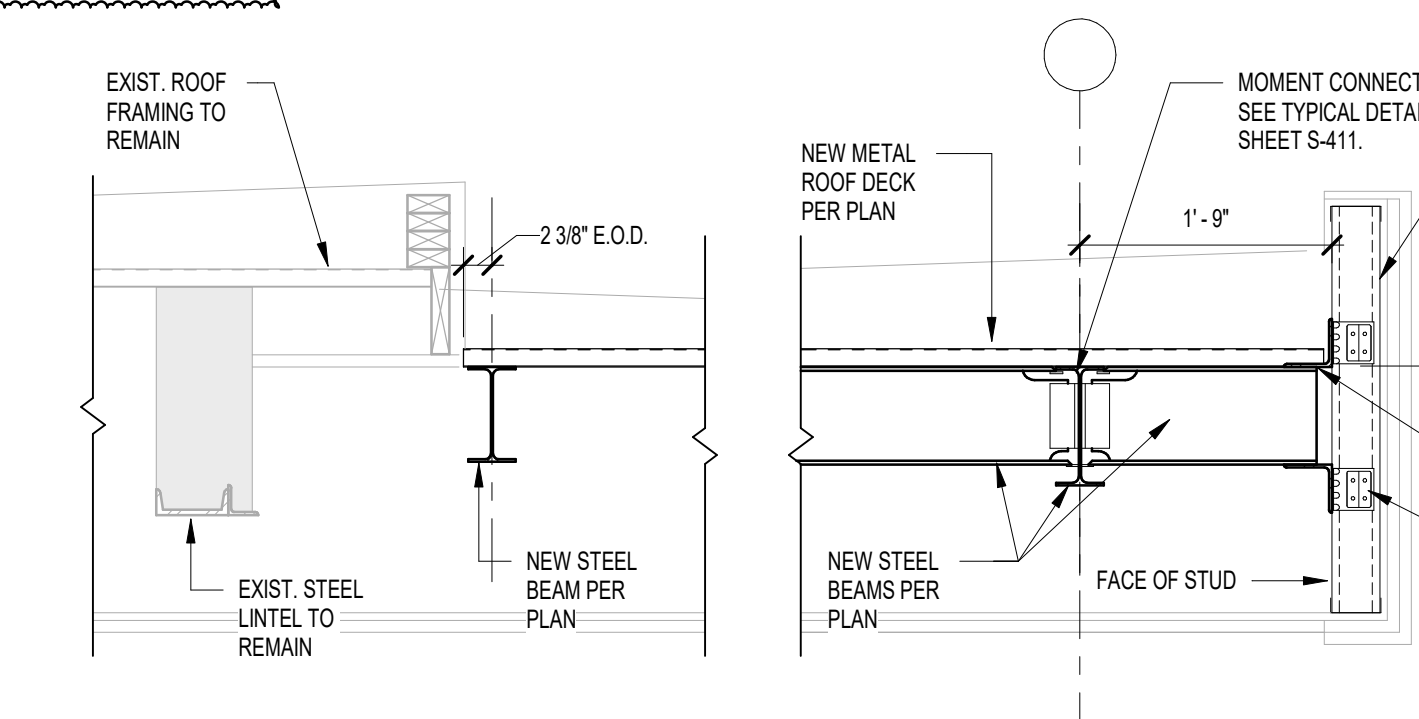
17 FRAMING SECTION
3/4" = 1'-0"



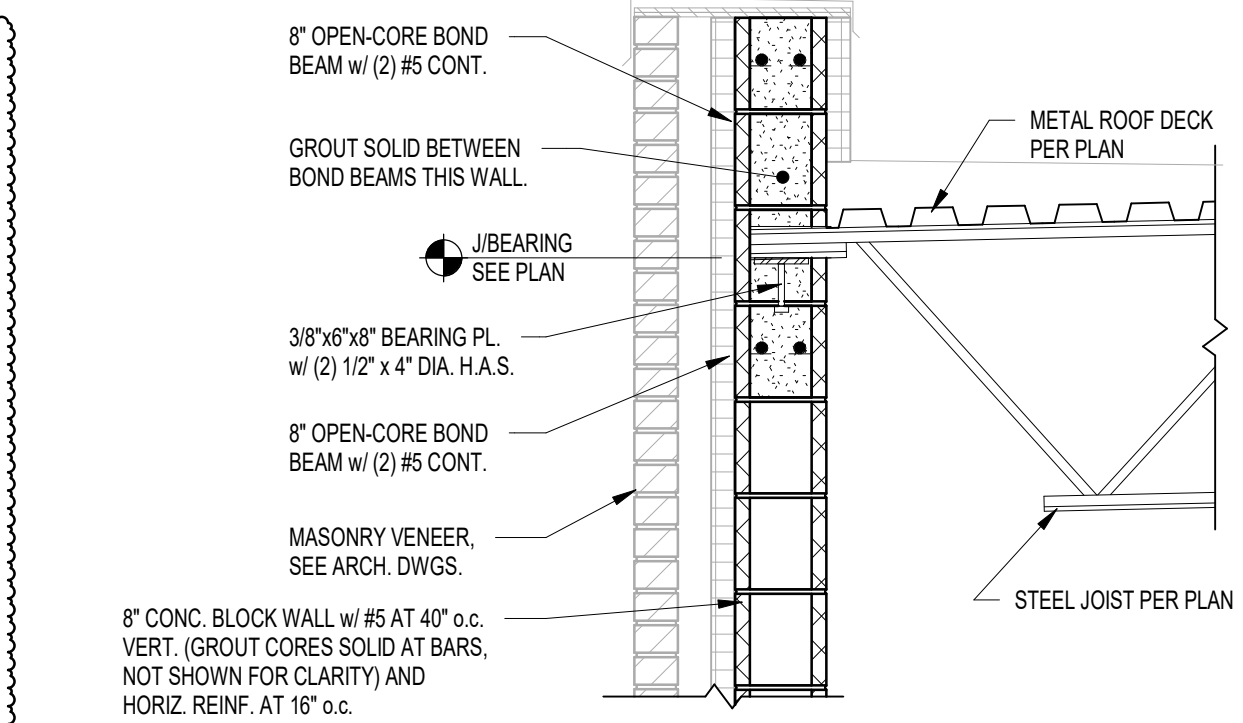
21 FRAMING SECTION
3/4" = 1'-0"



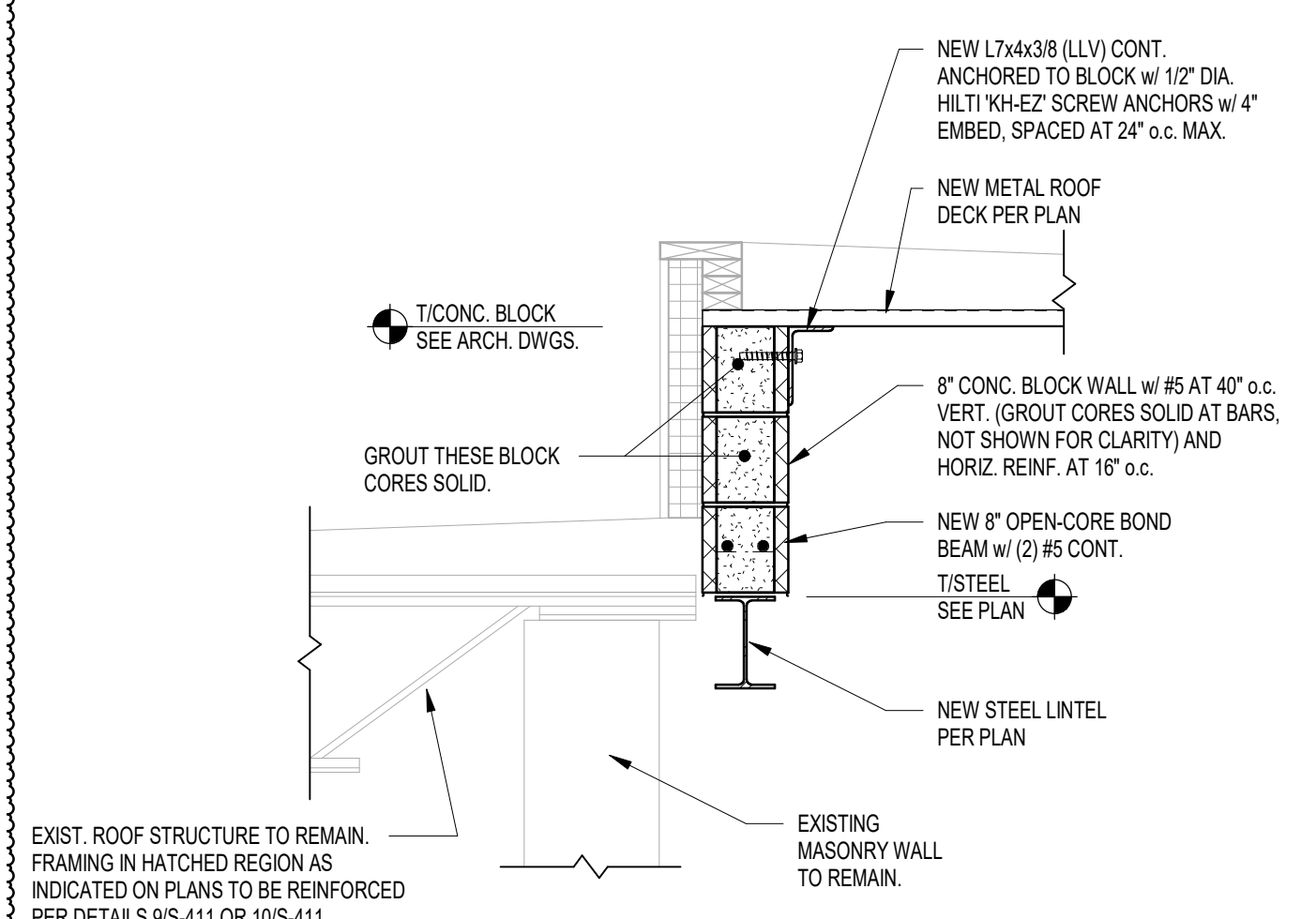
20 FRAMING SECTION
3/4" = 1'-0"



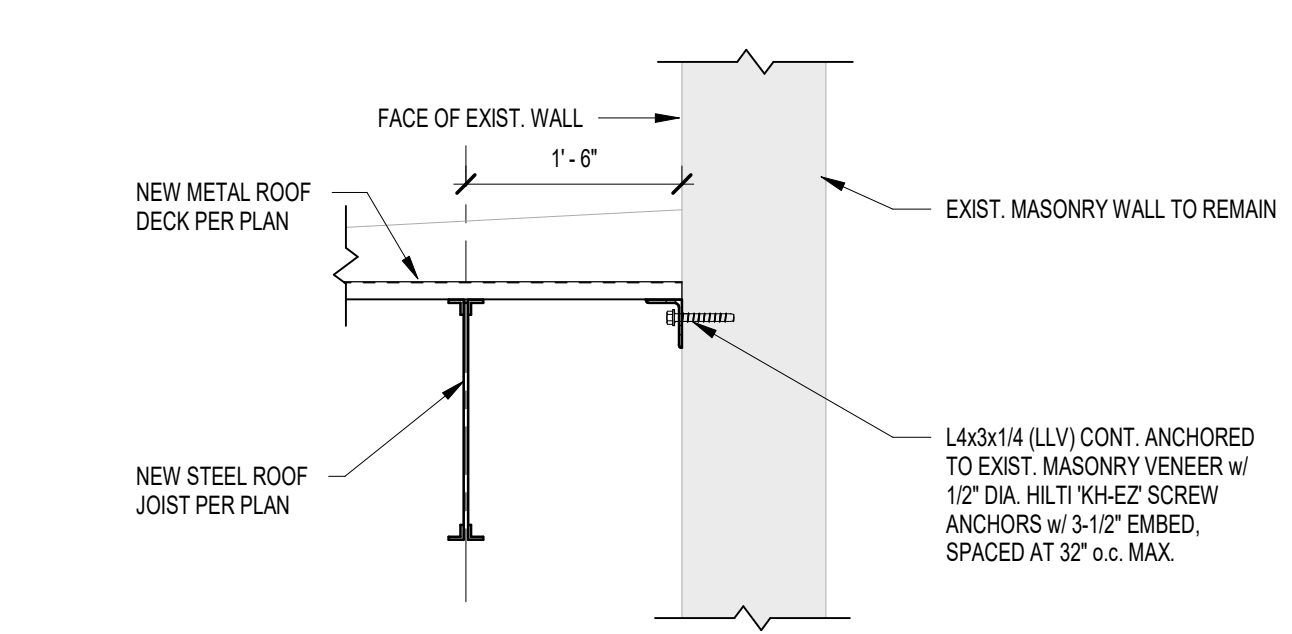
16 FRAMING SECTION
3/4" = 1'-0"



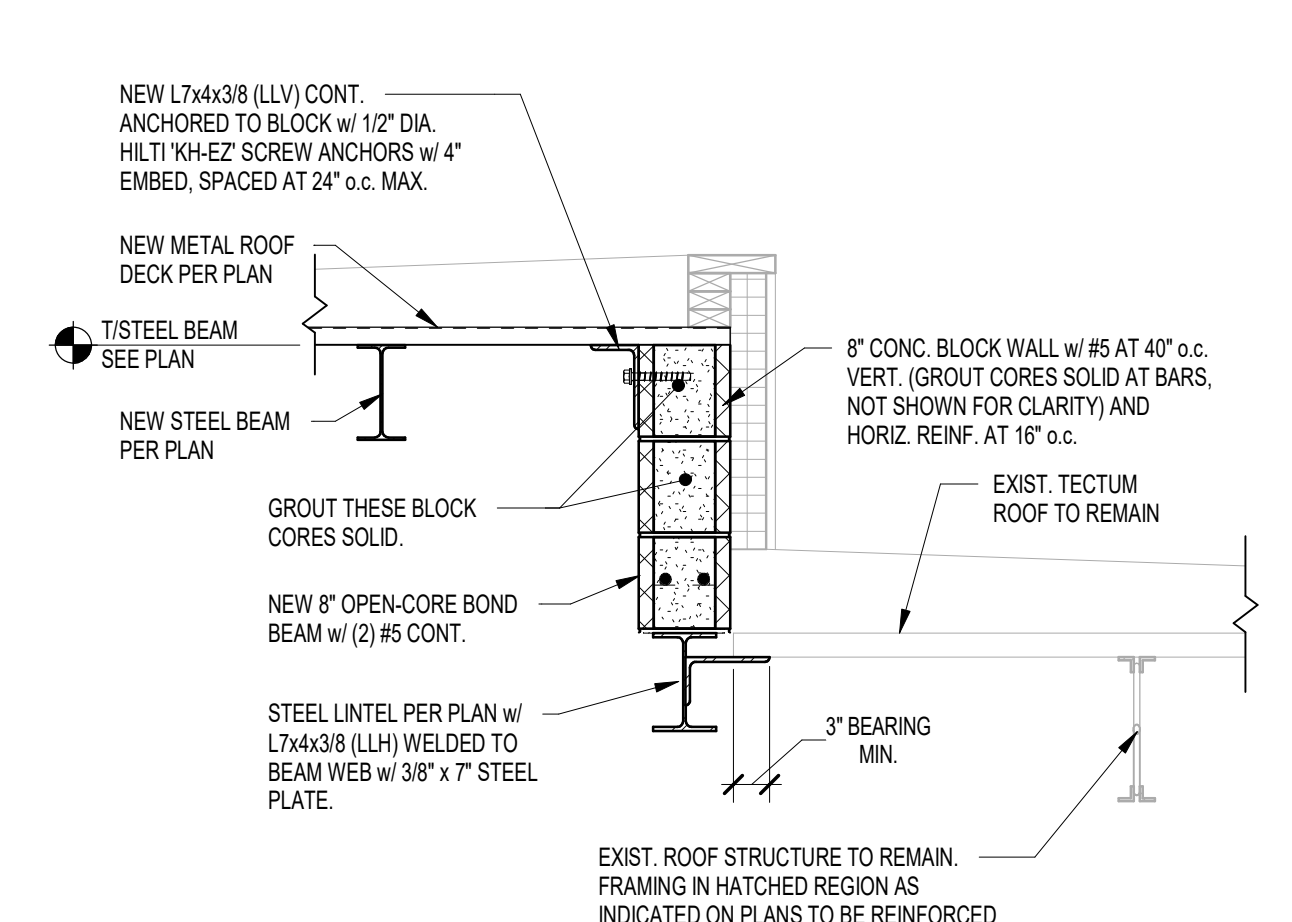
14 FRAMING SECTION
3/4" = 1'-0"



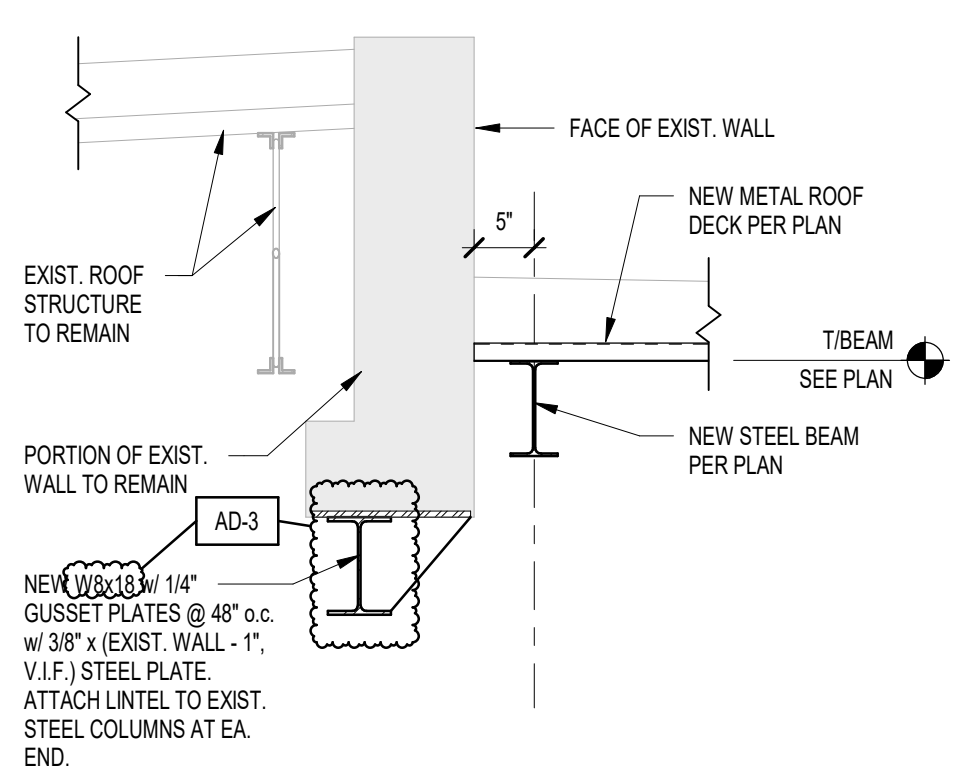
13 FRAMING SECTION
3/4" = 1'-0"



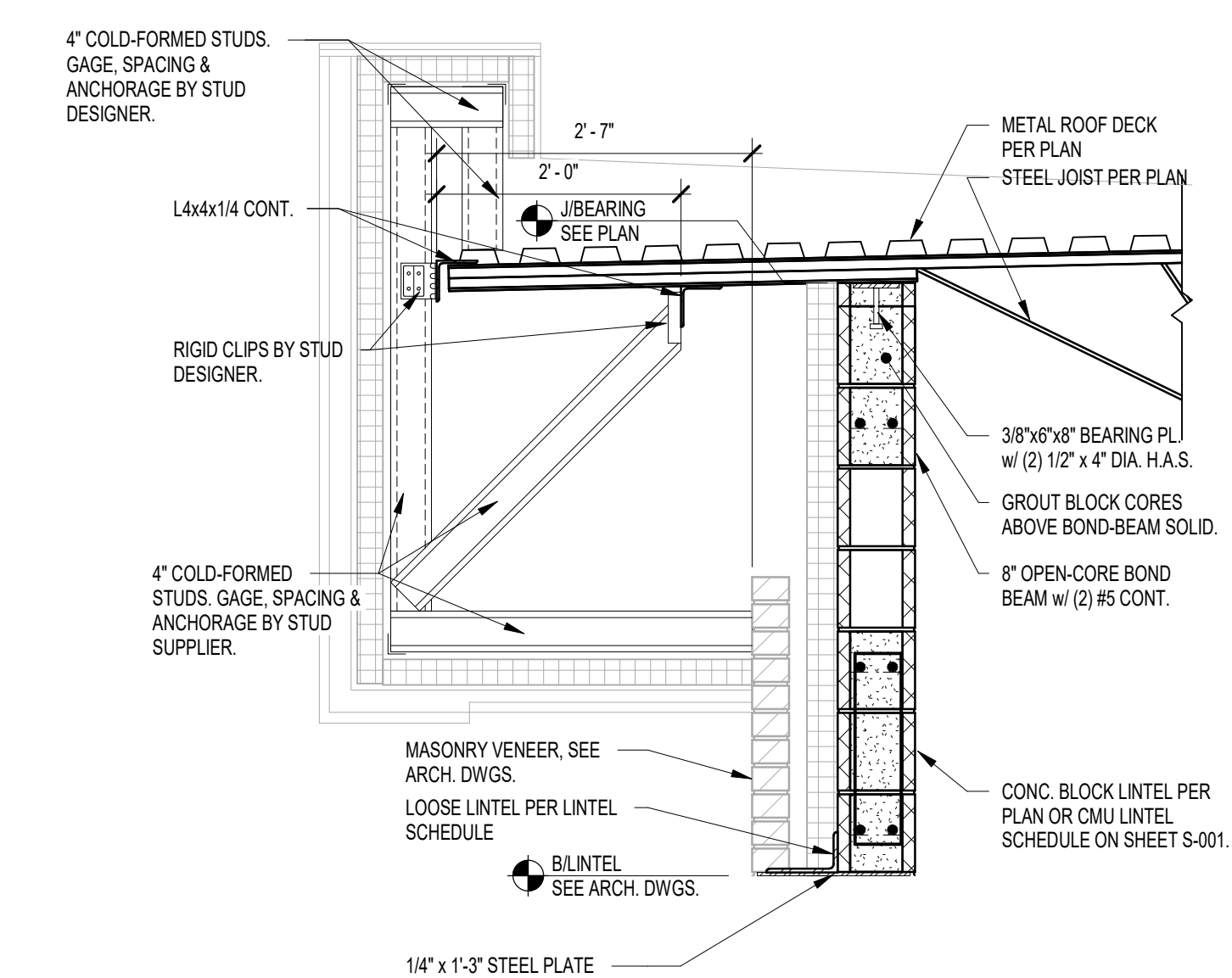
12 FRAMING SECTION
3/4" = 1'-0"



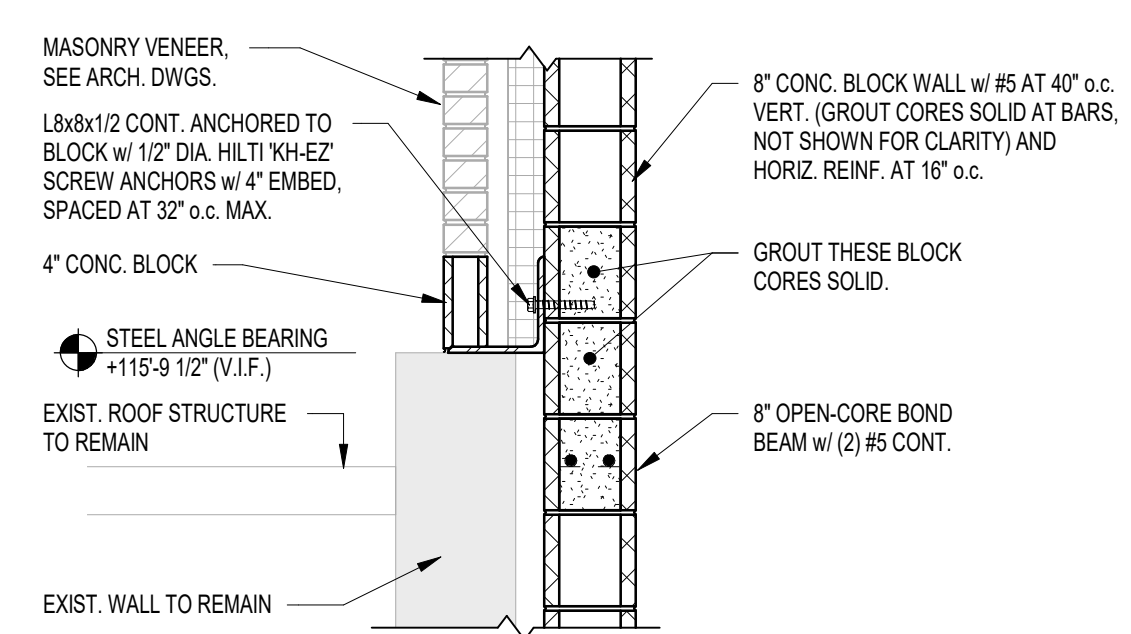
11 FRAMING SECTION
3/4" = 1'-0"



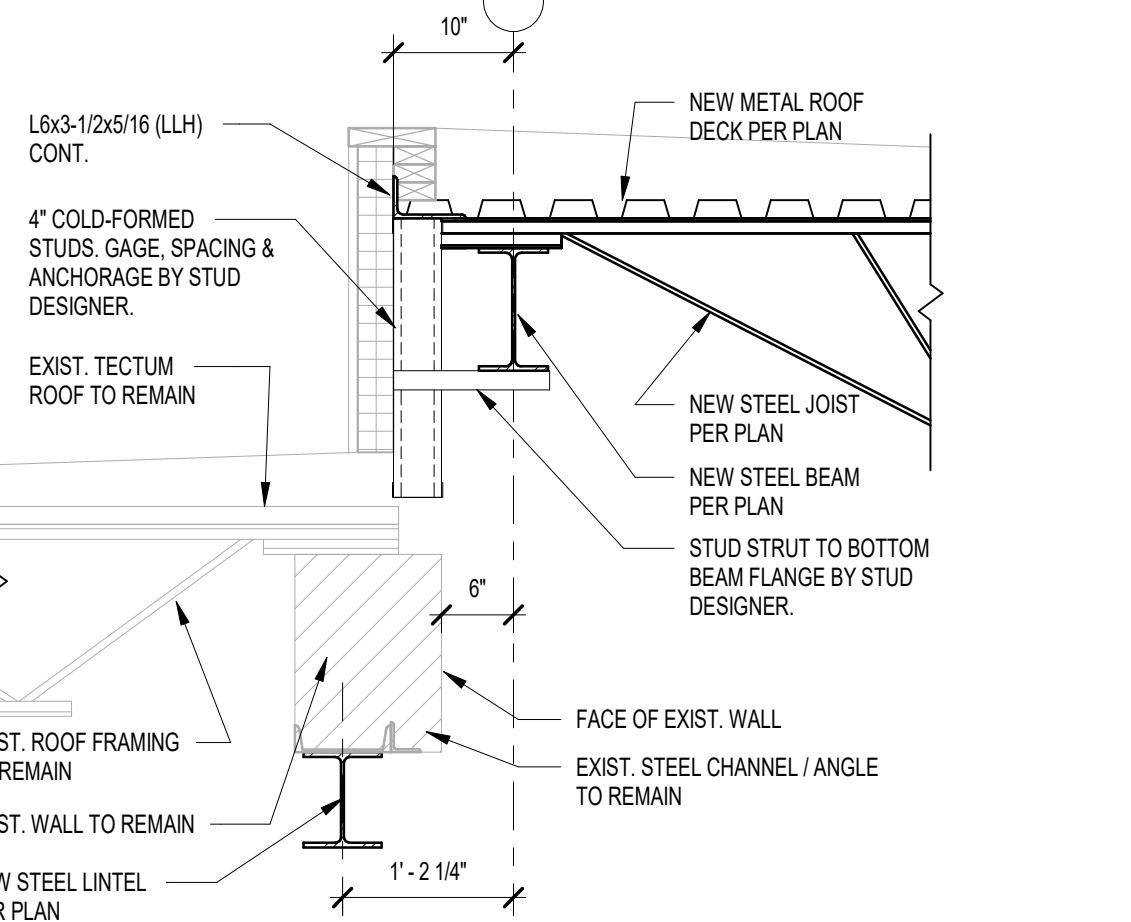
10 FRAMING SECTION
3/4" = 1'-0"



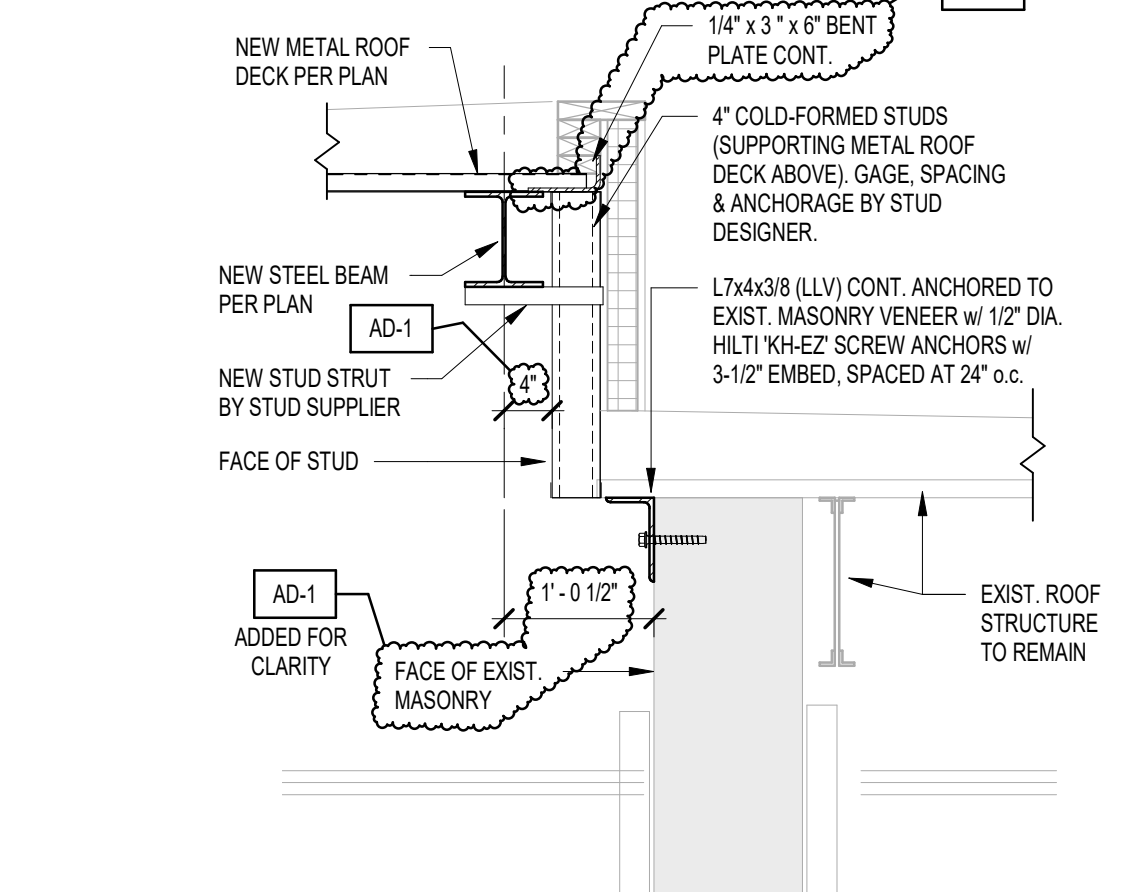
9 FRAMING SECTION
3/4" = 1'-0"



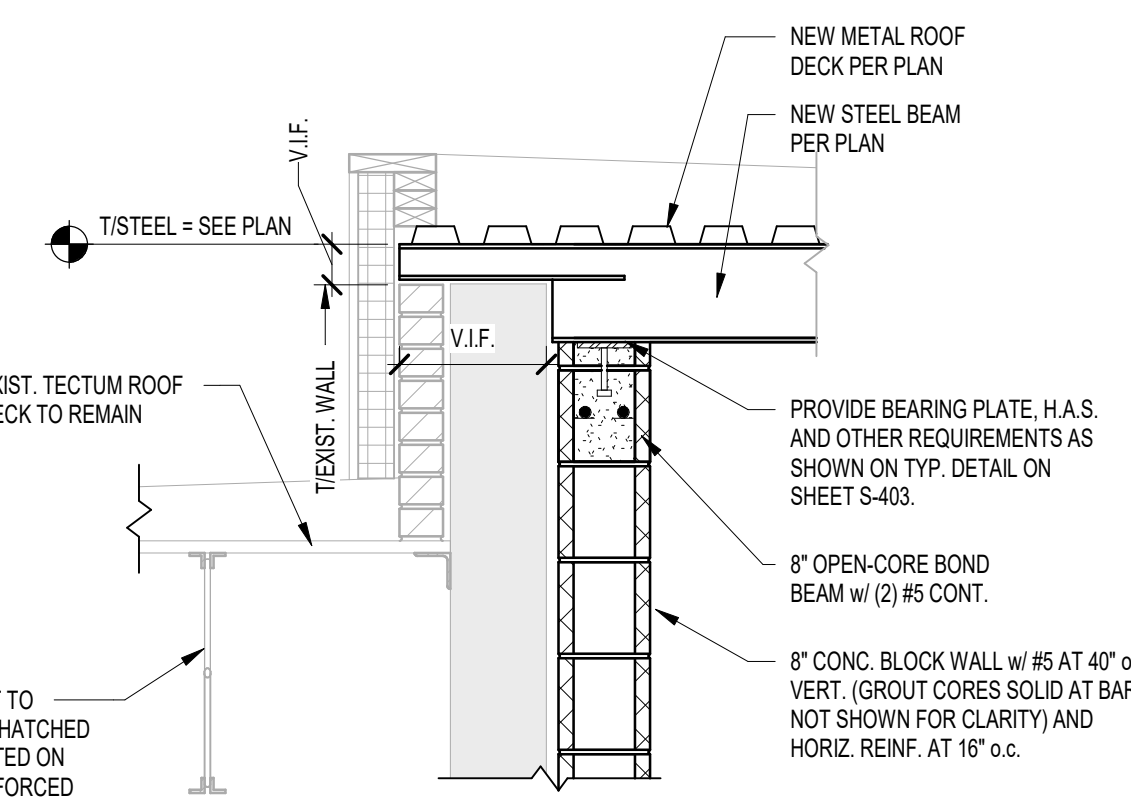
8 FRAMING SECTION
3/4" = 1'-0"



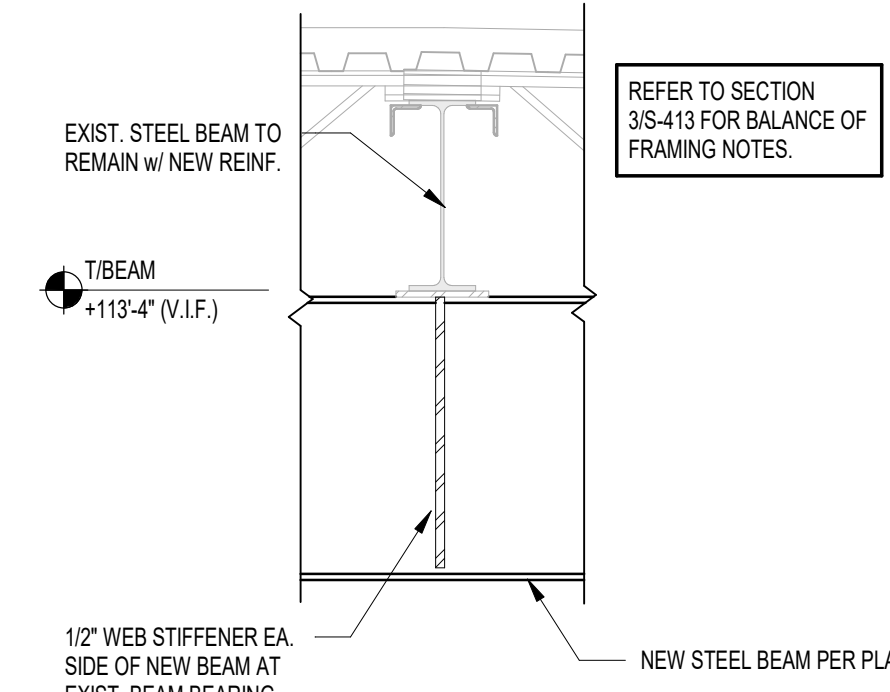
7 FRAMING SECTION
3/4" = 1'-0"



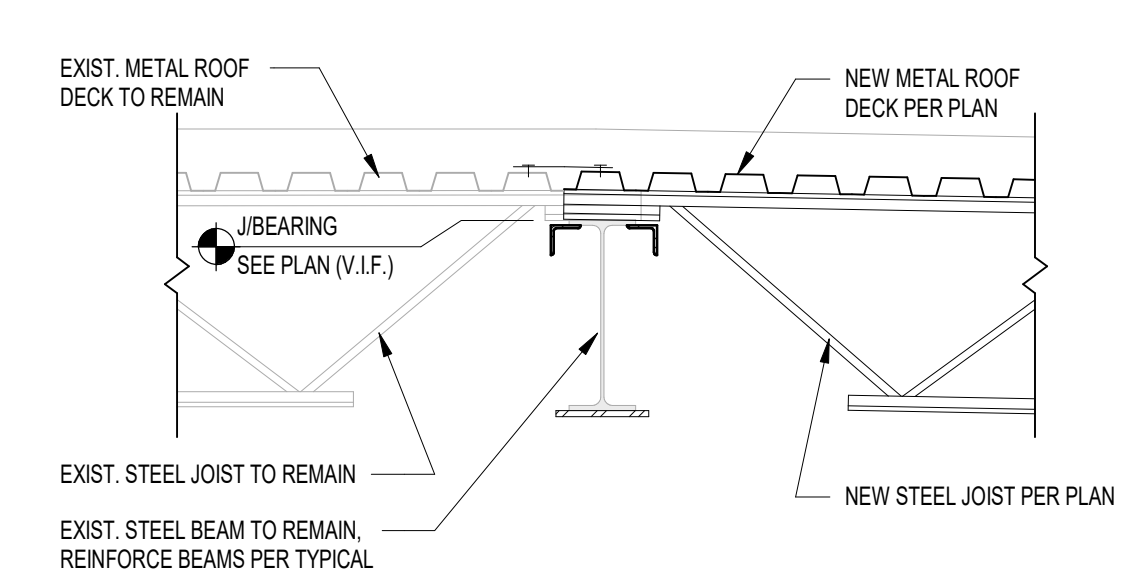
6 FRAMING SECTION
3/4" = 1'-0"



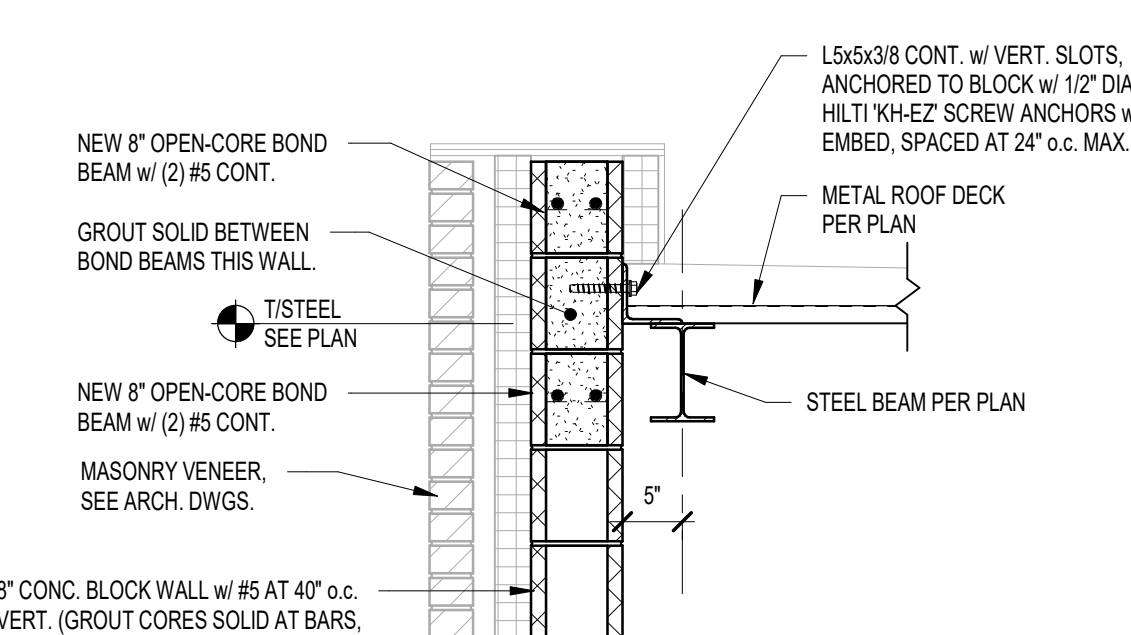
5 FRAMING SECTION
3/4" = 1'-0"



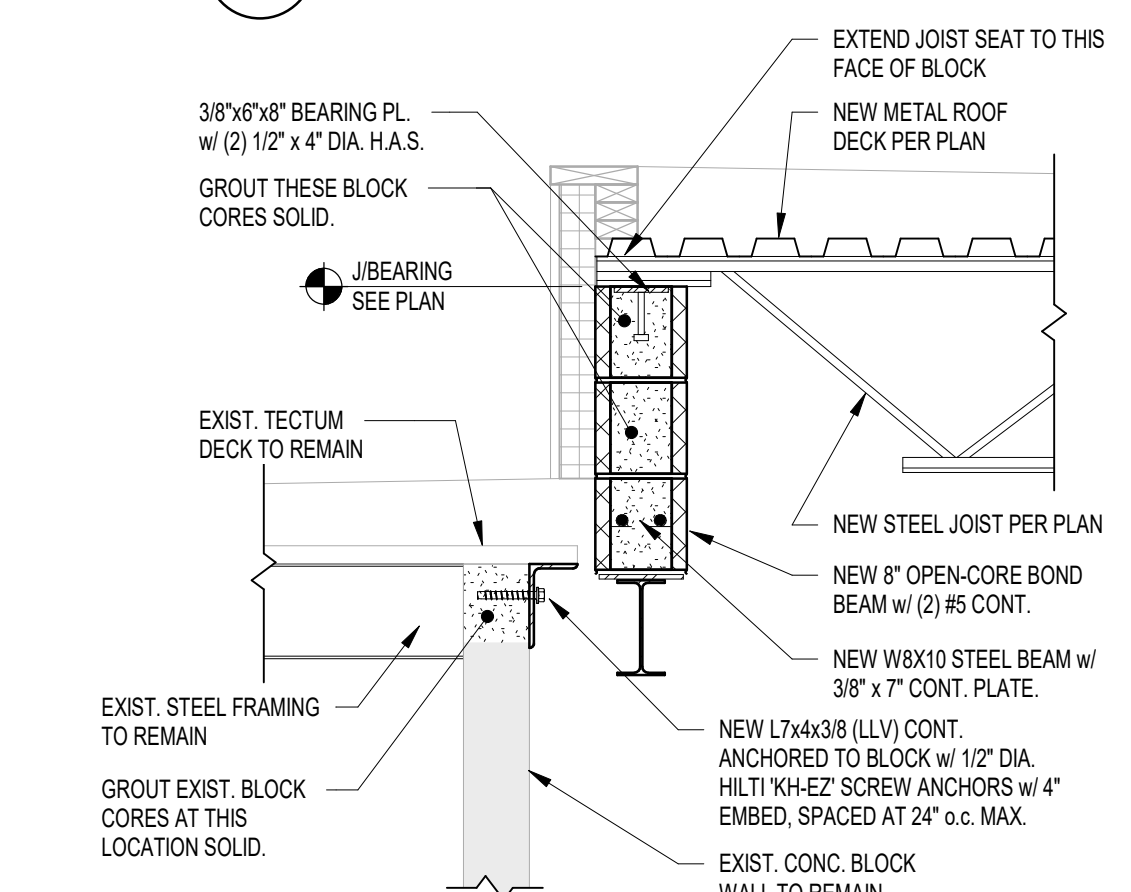
4 FRAMING SECTION
3/4" = 1'-0"



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



2 FRAMING SECTION
3/4" = 1'-0"



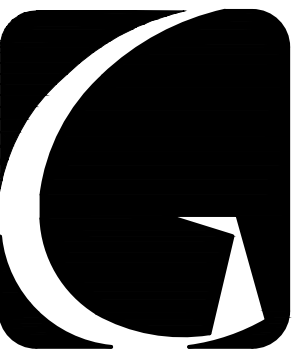
1 FRAMING SECTION
3/4" = 1'-0"

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 GENERAL 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 OWNER'S 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. BRACKET, BRACING, OR SURROUNDING REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- L. EACH 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 SHALL 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) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION NOTES:

- 1 REMOVE ENTIRE BUILDING/CANOPY IN HATCHED AREA INCLUDING MASONRY WALLS, STEEL FRAMING, CONCRETE SLAB ON GRADE, ROOFING, CONCRETE FOOTINGS, AND FOUNDATION WALLS AS REQUIRED FOR NEW CONSTRUCTION.
- 2 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 3 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 4 REMOVE PORTION OF MASONRY WALL AS REQUIRED TO INSTALL NEW DOOR.
- 5 REMOVE DOOR, FRAME AND HARDWARE IN ITS ENTIRETY.
- 6 REMOVE DOOR AND HARDWARE, EXISTING FRAME TO REMAIN.
- 7 REMOVE STOREFRONT FRAMING, DOORS AND HARDWARE IN ITS ENTIRETY.
- 8 REMOVE ALUMINUM WINDOW IN ITS ENTIRETY.
- 9 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
- 10 REMOVE PLUMBING FIXTURE COMPLETE. REFER TO PLUMBING DRAWINGS. WHERE PIPING IS REQUIRED TO BE CAPPED, CAP BELOW AND/OR BEHIND FINISHED SURFACE.
- 11 REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER.
- 12 REMOVE CONCRETE FLOOR SLAB IN ITS ENTIRETY.
- 13 REMOVE FACE BRICK AS REQUIRED FOR NEW CONSTRUCTION.
- 14 REMOVE VINYL FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
- 15 REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES (AT DRINKING FOUNTAIN/BOTTLE FILLER RECESSES, REMOVE CERAMIC WALL TILE ALONG WITH FLOOR TILE).
- 16 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
- 17 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
- 18 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION.
- 19 REMOVE CORNER GUARDS.
- 20 EXISTING STEEL COLUMN TO REMAIN.
- 21 REMOVE MASONRY FLUE IN ITS ENTIRETY.
- 22 REMOVE CASHIER STAND IN ITS ENTIRETY. TURN OVER TO OWNER.
- 23 REMOVE WALK-IN FREEZER/COOLER IN ITS ENTIRETY.
- 24 REMOVE STEEL CORNER GUARDS. TURN OVER TO OWNER.
- 25 REMOVE ROLLING GRILLE IN ITS ENTIRETY.
- 26 REMOVE OVERHEAD DOOR IN ITS ENTIRETY.
- 27 REMOVE KILN AND SALVAGE FOR REINSTALLATION.
- 28 REMOVE BASKETBALL GOAL IN ITS ENTIRETY AND TURN OVER TO OWNER.
- 29 ROOF HATCH IN ROOF TO REMAIN.
- 30 REMOVE EXISTING BLEACHERS IN THEIR ENTIRETY.
- 31 REMOVE EXISTING SAFETY CUSHION WAJSCOTING.
- 32 REMOVE 1/2"-5/8" HOMASOTE/GYPSUM BOARD AND WALL COVERING ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE CEILING.
- 33 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN ITS ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
- 34 REMOVE CLOTHES HOOKS IN THEIR ENTIRETY.
- 35 REMOVE COUNTERTOP AND BACKSPLASH ONLY. BASE CABINET TO REMAIN.
- 36 REMOVE COUNTERTOP AND BACKSPLASH IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 37 REMOVE SHELVING IN ITS ENTIRETY.
- 38 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 39 REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.
- 40 REMOVE EXISTING FIRE EXTINGUISHER AND CABINET AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION.
- 41 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS.
- 42 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
- 43 REMOVE ELECTRICAL PANELS/ITEMS. REFER TO ELECTRICAL DRAWINGS.
- 44 REMOVE EXISTING GRAB BARS IN THEIR ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES.



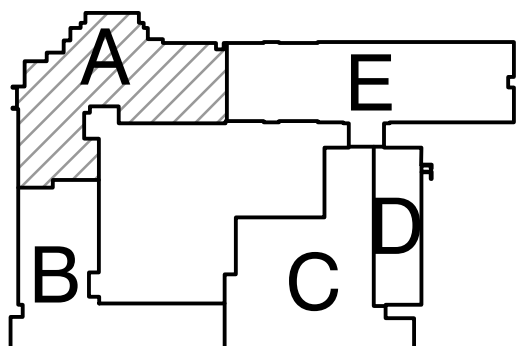
GIBALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**SOLO
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

GIBALTAR DESIGN

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PROJECT

21-109

DATE

01/11/23

COORDINATED BY

GWT

DRAWN BY

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CHECKED BY

GWT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	01/26/23	ADDENDUM NO. 1
AD-3	02/02/23	ADDENDUM NO. 3

DRAWING

**UNIT "A" ARCHITECTURAL
FIRST FLOOR DEMOLITION
PLAN**

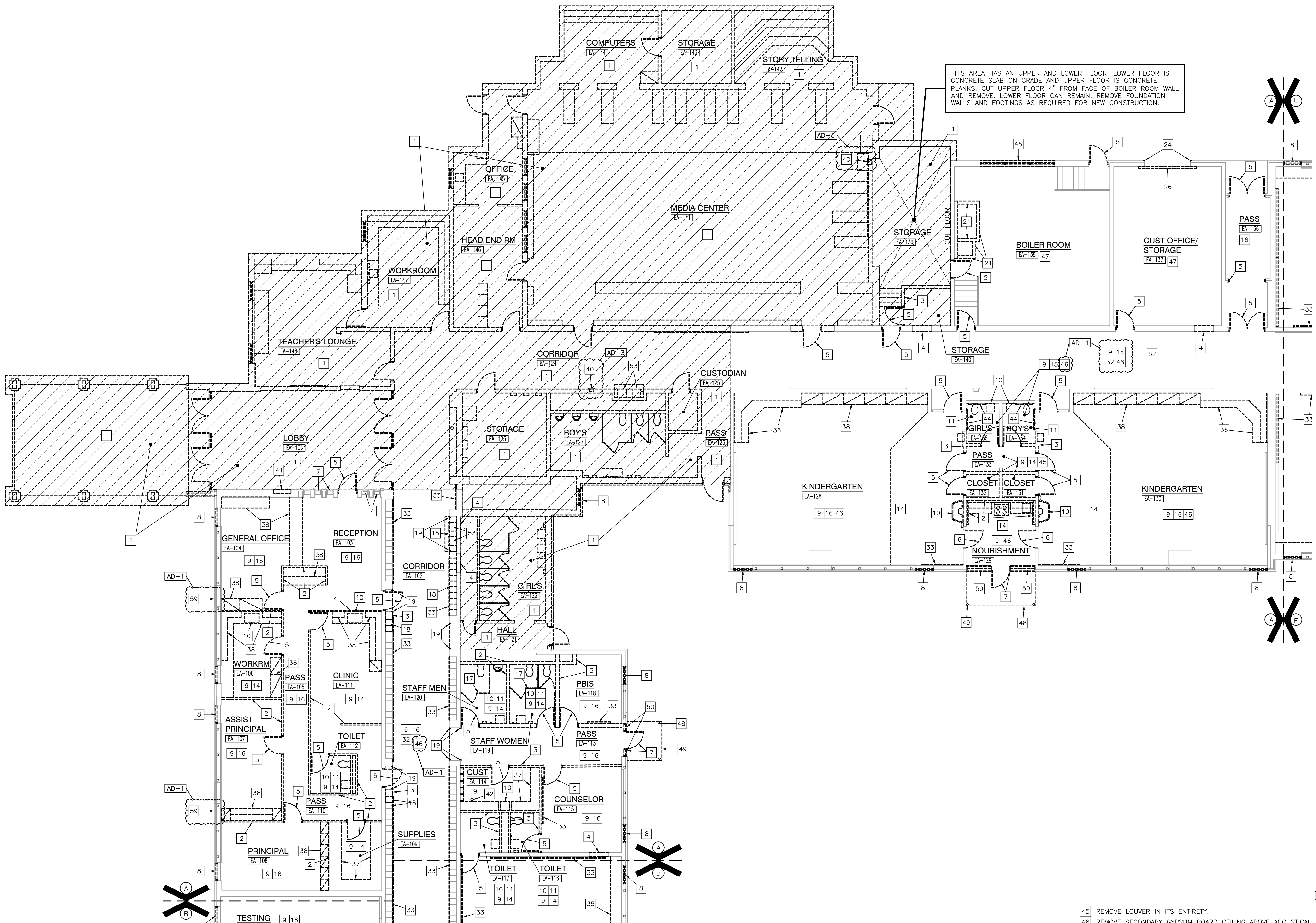
PROJECT
SOLO ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

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SHEET

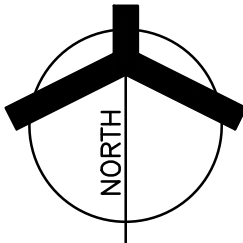
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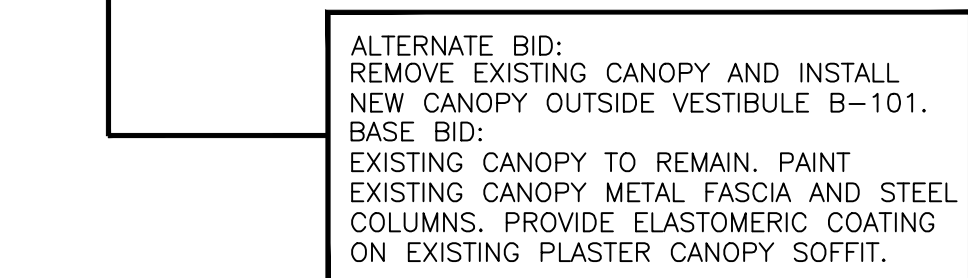


UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

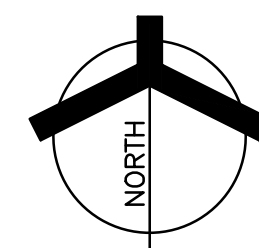
SCALE: 1/8" = 1'-0"



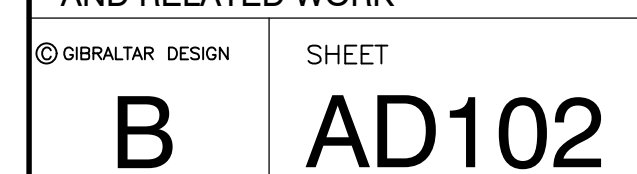
- 45 REMOVE LOUVER IN ITS ENTIRETY.
- 46 REMOVE SECONDARY GYPSUM BOARD CEILING ABOVE ACOUSTICAL CEILING (GYPSUM BOARD HAS 1'X1' ACOUSTICAL TILES ADHERED TO IT).
- 47 REMOVE GYPSUM BOARD/PLASTER CEILING IN ITS ENTIRETY.
- 48 REMOVE CANOPY AND COLUMNS IN ITS ENTIRETY.
- 49 REMOVE CONCRETE VOID SLAB WHERE NO NEW VOID SLAB IS REQUIRED, REMOVE FOOTING AS REQUIRED FOR NEW CONSTRUCTION.
- 50 REMOVE CMU FACE BRICK BELOW SIDELIGHT AND REMOVE FACE BRICK ABOVE DOOR AND SIDELIGHT AS REQUIRED FOR NEW CONSTRUCTION.
- 51 FLOOR (4) 3'-0" UPPER WALL CABINETS TO REMAIN.
- 52 REMOVE THIN SET TERRAZZO FLOOR.
- 53 REMOVE BOTTLE FILLER AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION.
- 54 REMOVE EXISTING COLUMN AS REQUIRED FOR NEW CONSTRUCTION. REFER STRUCTURAL FOR SUPPORT OF REMAINING STRUCTURE.
- 55 REMOVE MASONRY WALL ABOVE.
- 56 REMOVE TECHNOLOGY CABINET. REFER TO TECHNOLOGY DRAWINGS.
- 57 REMOVE MASONRY/CONCRETE TUNNEL IN ITS ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION.
- 58 REMOVE WALLPAPER FRIEZE. PREPARE WALL FOR NEW FINISHES.
- 59 REMOVE EXISTING LOUVER.



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



- 31 REMOVE EXISTING SAPHYRUS LUSHING WAINSCOTING.
- 32 REMOVE 1/2"-5/8" HOMASOTE/GYPSUM BOARD AND WALL COVERING ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE CEILING
- 33 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN ITS ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
- 34 REMOVE CLOTHES HOOKS IN THEIR ENTIRETY.
- 35 REMOVE COUNTERTOP AND BACKSPLASH ONLY. BASE CABINET TO REMAIN.
- 36 REMOVE COUNTERTOP AND BACKSPLASH IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 37 REMOVE SHELVEING IN ITS ENTIRETY.
- 38 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 39 REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.
- 40 REMOVE EXISTING FIRE EXTINGUISHER AND CABINET AND SALVAGE FOR INSTALLATION IN NEW KITCHEN.
- 41 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS.
- 42 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
- 43 REMOVE ELECTRICAL PANELS/ITEMS. REFER TO ELECTRICAL DRAWINGS.
- 44 REMOVE EXISTING CRAB BARS IN THEIR ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES.



45	REMOVE LOUVER IN ITS ENTIRETY.	52	REMOVE 1/2" - 5/8" HOMASOTE/GYPSSUM BOARD AND WALL COVERING ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE CEILING.
46	REMOVE SECONDARY GYPSSUM BOARD CEILING ABOVE ACOUSTICAL CEILING (GYPSSUM BOARD HAS 1"x1" ACOUSTICAL TILES ADHERED TO IT).	53	REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN ITS ENTIRETY PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
47	REMOVE GYPSSUM BOARD/PLASTER CEILING IN ITS ENTIRETY.	54	REMOVE CLOTHES HOOKS IN THEIR ENTIRETY.
48	REMOVE CANOPY AND COLUMNS IN ITS ENTIRETY.	55	REMOVE COUNTERTOP AND BACKSPLASH ONLY. BASE CABINET TO REMAIN.
49	REMOVE CONCRETE VOID SLAB WHERE NO NEW VOID SLAB IS REQUIRED, REMOVE FOOTING AS REQUIRED FOR NEW CONSTRUCTION.	56	REMOVE COUNTERTOP AND BACKSPLASH IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
50	REMOVE CMU FACE BRICK BELOW SIGHTLINE AND REMOVE FACE BRICK ABOVE FLOOR AND SIGHTLINE AS REQUIRED FOR NEW CONSTRUCTION.	57	REMOVE SHELVEING IN ITS ENTIRETY.
51	FOUR (4) 3'-0" UPPER WALL CABINETS TO REMAIN.	58	REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
52	REMOVE THIN SET TERRAZZO FLOOR.	59	REMOVE METAL STUD AND GYPSSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.
53	REMOVE BOTTLE FILLER AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION.	60	REMOVE EXISTING FIRE EXTINGUISHER AND CABINET AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION.
54	REMOVE EXISTING COLUMN AS REQUIRED FOR NEW CONSTRUCTION. REFER STRUCTURAL FOR SUPPORT OF REMAINING STRUCTURE.	61	REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS.
55	REMOVE MASONRY WALL ABOVE.	62	REMOVE EXISTING DRAIN. REFER TO PLUMBING DRAWINGS.
56	REMOVE TECHNOLOGY CABINET. REFER TO TECHNOLOGY DRAWINGS.	63	REMOVE ELECTRICAL PANELS/ITEMS. REFER TO ELECTRICAL DRAWINGS.
57	REMOVE MASONRY/CONCRETE TUNNEL IN ITS ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION.	64	REMOVE EXISTING GRAB BARS IN THEIR ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES.
58	REMOVE WALLPAPER FRIZE. PREPARE WALL FOR NEW FINISHES.		
59	REMOVE EXISTING LOUVER.		

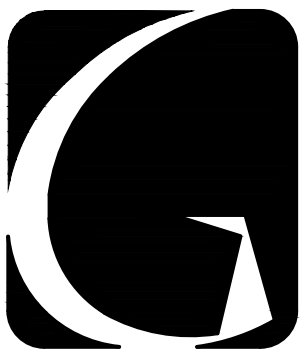
Thursday, 2/2/2023 - 11:01 AM - LAST SAVED BY: PDEGROTHY
Y:\21-109 CROWN POINT CSC - ROBINSON ES
IMPROVEMENTS\21-109 DRAWINGS\05 ARCH\AD102.DWG

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 GENERAL 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 OWNER'S 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. EACH 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 SHALL 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) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION NOTES:

- 1 REMOVE ENTIRE BUILDING/CANOPY IN HATCHED AREA INCLUDING MASONRY WALLS, STEEL FRAMING, CONCRETE SLAB ON GRADE, ROOFING, CONCRETE FOOTINGS, AND FOUNDATION WALLS AS REQUIRED FOR NEW CONSTRUCTION.
- 2 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 3 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 4 REMOVE PORTION OF MASONRY WALL AS REQUIRED TO INSTALL NEW DOOR.
- 5 REMOVE DOOR, FRAME AND HARDWARE IN ITS ENTIRETY.
- 6 REMOVE DOOR AND HARDWARE, EXISTING FRAME TO REMAIN.
- 7 REMOVE STOREFRONT FRAMING, DOORS AND HARDWARE IN ITS ENTIRETY.
- 8 REMOVE ALUMINUM WINDOW IN ITS ENTIRETY.
- 9 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
- 10 REMOVE PLUMBING FIXTURE COMPLETE. REFER TO PLUMBING DRAWINGS. WHERE PIPING IS REQUIRED TO BE CAPPED, CAP BELOW AND/OR BEHIND FINISHED SURFACE.
- 11 REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER.
- 12 REMOVE CONCRETE FLOOR SLAB IN ITS ENTIRETY.
- 13 REMOVE FACE BRICK AS REQUIRED FOR NEW CONSTRUCTION.
- 14 REMOVE VINYL FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
- 15 REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES (AT DRINKING FOUNTAIN/BOTTLE FILLER RECESSES, REMOVE CERAMIC WALL TILE ALONG WITH FLOOR TILE).
- 16 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
- 17 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
- 18 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION.
- 19 REMOVE CORNER GUARDS.
- 20 EXISTING STEEL COLUMN TO REMAIN.
- 21 REMOVE MASONRY FLUE IN ITS ENTIRETY.
- 22 REMOVE CASHIER STAND IN ITS ENTIRETY. TURN OVER TO OWNER.
- 23 REMOVE WALK-IN FREEZER/COOLER IN ITS ENTIRETY.
- 24 REMOVE STEEL CORNER GUARDS. TURN OVER TO OWNER.
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- 26 REMOVE OVERHEAD DOOR IN ITS ENTIRETY.
- 27 REMOVE KILN AND SALVAGE FOR REINSTALLATION.
- 28 REMOVE BASKETBALL GOAL IN ITS ENTIRETY AND TURN OVER TO OWNER.
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- 31 REMOVE EXISTING SAFETY CUSHION WAINSCOTING.
- 32 REMOVE 1/2"-5/8" HOMASOTE/GYPSUM BOARD AND WALL COVERING ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE CEILING.
- 33 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN ITS ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
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- 35 REMOVE COUNTERTOP AND BACKSPLASH ONLY. BASE CABINET TO REMAIN.
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- 45 REMOVE LOUVER IN ITS ENTIRETY.
- 46 REMOVE SECONDARY GYPSUM BOARD CEILING ABOVE ACOUSTICAL CEILING (GYPSUM BOARD HAS 1'X1' ACOUSTICAL TILES ADHERED TO IT).
- 47 REMOVE GYPSUM BOARD/PLASTER CEILING IN ITS ENTIRETY.
- 48 REMOVE CANOPY AND COLUMNS IN ITS ENTIRETY.
- 49 REMOVE CONCRETE VOID SLAB WHERE NO NEW VOID SLAB IS REQUIRED, REMOVE FOOTING AS REQUIRED FOR NEW CONSTRUCTION.
- 50 REMOVE CMU FACE BRICK BELOW SIDELIGHT AND REMOVE FACE BRICK ABOVE DOOR AND SIDELIGHT AS REQUIRED FOR NEW CONSTRUCTION.
- 51 FOUR (4) 3'-0" UPPER WALL CABINETS TO REMAIN.
- 52 REMOVE THIN SET TERRAZZO FLOOR.
- 53 REMOVE BOTTLE FILLER AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION.
- 54 REMOVE EXISTING COLUMN AS REQUIRED FOR NEW CONSTRUCTION. REFER STRUCTURAL FOR SUPPORT OF REMAINING STRUCTURE.
- 55 REMOVE MASONRY WALL ABOVE.
- 56 REMOVE TECHNOLOGY CABINET. REFER TO TECHNOLOGY DRAWINGS.
- 57 REMOVE MASONRY/CONCRETE TUNNEL IN ITS ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION.
- 58 REMOVE WALLPAPER FRIEZE. PREPARE WALL FOR NEW FINISHES.
- 59 REMOVE EXISTING LOUVER.



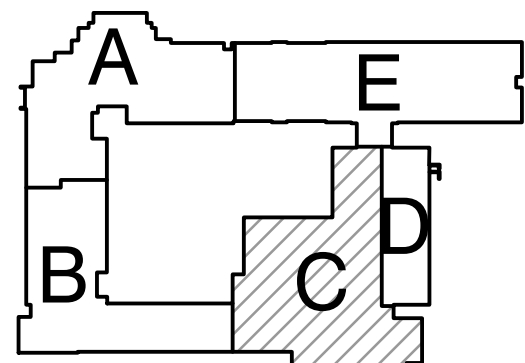
GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**SOLO
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

GIBRALTAR DESIGN

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

PROJECT

21-109

DATE

01/11/23

COORDINATED BY

GWT

DRAWN BY

GWT PCD

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GWT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	01/26/23	ADDENDUM NO. 1
AD-3	02/02/23	ADDENDUM NO. 3

DRAWING

UNITS "C" & "D"

ARCHITECTURAL FIRST

FLOOR DEMOLITION PLAN

PROJECT

SOLO ROBINSON ELEMENTARY

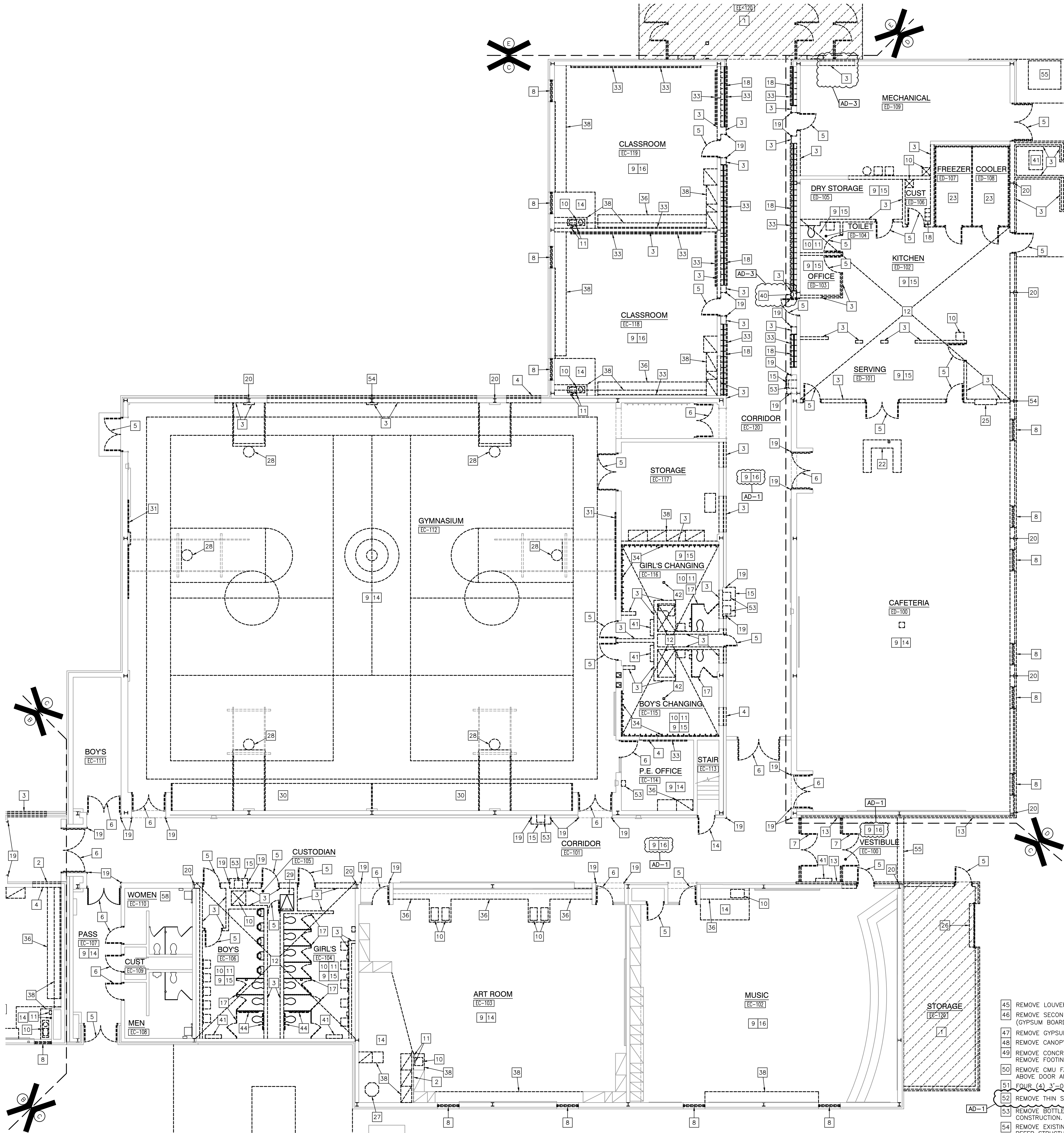
SCHOOL ADDITIONS, RENOVATIONS,

AND RELATED WORK

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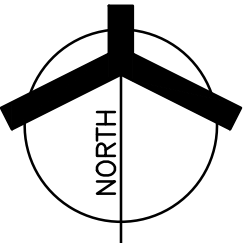
SHEET

C/D AD103



UNITS "C" & "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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



GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO C SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. 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. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- K. 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.
- L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.
- M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

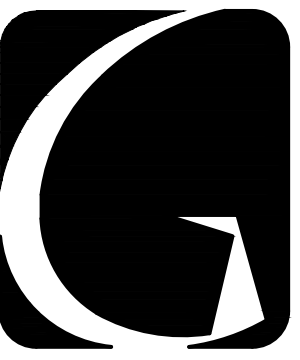
PLAN LEGEND:

- INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

- 1 CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS.
- 2 DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS MAY NOT BE INDICATED ON THIS PLAN)
- 3 CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
- 4 DISPLAY/TV MONITOR (TYPICAL), REFER TO EQUIPMENT PLANS.
- 5 PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
- 6 CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- 7 AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- 8 FIRE ALARM CONTROL PANEL, REFER TO ELECTRICAL DRAWINGS.
- 9 FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
- 10 GYM EQUIPMENT (TYPICAL), REFER TO ELECTRICAL DRAWINGS.
- 11 MOP SINK, REFER TO PLUMBING DRAWINGS.
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- 13 HATCHED AREA INDICATES TO PROVIDE NEW CONCRETE LOCKER BASE REFER TO LOCKER DETAILS AND SECTIONS.
- 14 INSTALL SALVAGED ELECTRIC BOTTLE FILLER, REFER TO PLUMBING DRAWINGS.
- 15 ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER. REFER TO PLUMBING DRAWINGS.
- 16 ROOF HATCH AND LADDER.
- 17 ROOF LADDER.
- 18 CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
- 19 UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.
- 20 EXISTING UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.
- 21 LINE OF CANOPY ABOVE, REFER TO SECTIONS.
- 22 LINE OF OVERHANG, REFER TO SECTIONS.
- 23 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
- 24 1"x3"(ACTUAL) FINISHED WOOD TRIM WITH 1/2" NOTCH AS REQUIRED TO OVERLAP EXISTING TACK BOARD.
- 25 ALUMINUM DIVIDER RAIL.
- 26 ROOF BELOW, REFER TO ROOF PLAN.
- 27 SEMI-RECESSED FIRE EXTINGUISHER CABINET (AT 6 LOCATIONS, INSTALL SALVAGED FIRE EXTINGUISHER CABINET).
- 28 EXISTING FIRE EXTINGUISHER CABINET TO REMAIN.
- 29 KNOX BOX.
- 30 PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSE KEEPING PAD UNDER ALL NEW EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
- 31 CONCRETE EQUIPMENT PAD, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
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- 33 ROLLING SERVICE DOOR (EXTERIOR).
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- 38 PATCH HARDWARE RECESSES AND HOLES AND GRIND SMOOTH AS REQUIRED TO MATCH PROFILE OF EXISTING FRAME AND RECIEVE NEW PAINTED FINISH.
- 39 MECHANICAL YARD GATE.
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- 42 18" DIAMETER STEEL COLUMN COVER FROM FLOOR TO 4" ABOVE CEILING. ANCHOR TO STRUCTURE AS REQUIRED BY COLUMN COVER MANUFACTURER. FILL JOINT AND GRIND SMOOTH, PAINT AND PROVIDE 4" COVELESS VINYL BASE. (A-103, D-112)
- 43 CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING CANOPY BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
- 44 CONCRETE WALK, REFER TO CIVIL DRAWINGS.
- 45 LOCKERS (EXISTING, RELOCATED OR NEW), REFER TO EQUIPMENT PLANS.
- 46 3/4"x3"(ACTUAL) FINISHED WOOD TRIM OVER EXISTING WOOD TRIM AROUND PERIMETER OF DISPLAY CASE FRONT.
- 47 ALL CMU WALLS IN THIS ROOM TO START AT ELEVATION 100 WITH A CUT STARTER COURSE TO MATCH EXISTING CMU.
- 48 ABOVE LOCKERS INSTALL/INFILL WITH NEW GYPSUM BOARD AND METAL STUD BULKHEAD SIMILAR TO 4/A-502.
- 49 PAINT METAL TUNNEL ACCESS HATCH (HIGH PERFORMANCE COATING).
- 50 MECHANICAL GRILLE COVER.

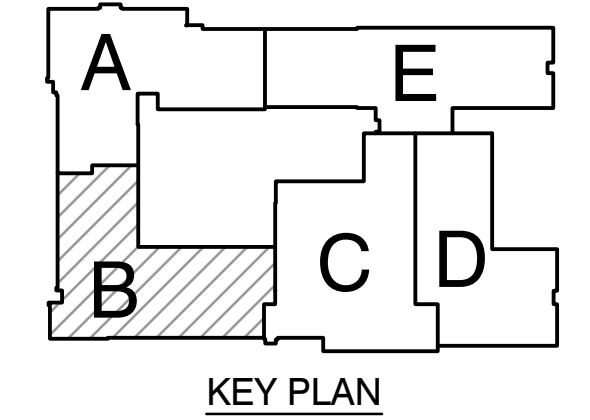


GIBALTAR
DESIGN
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PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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PROJECT

21-109

DATE

01/11/23

COORDINATED BY

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REVISIONS

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AD-1 01/26/23 ADDENDUM NO. 1

AD-3 02/02/23 ADDENDUM NO. 3

DRAWING

UNIT "B" ARCHITECTURAL

FIRST FLOOR PLAN

PROJECT

SOLON ROBINSON ELEMENTARY

SCHOOL ADDITIONS, RENOVATIONS,

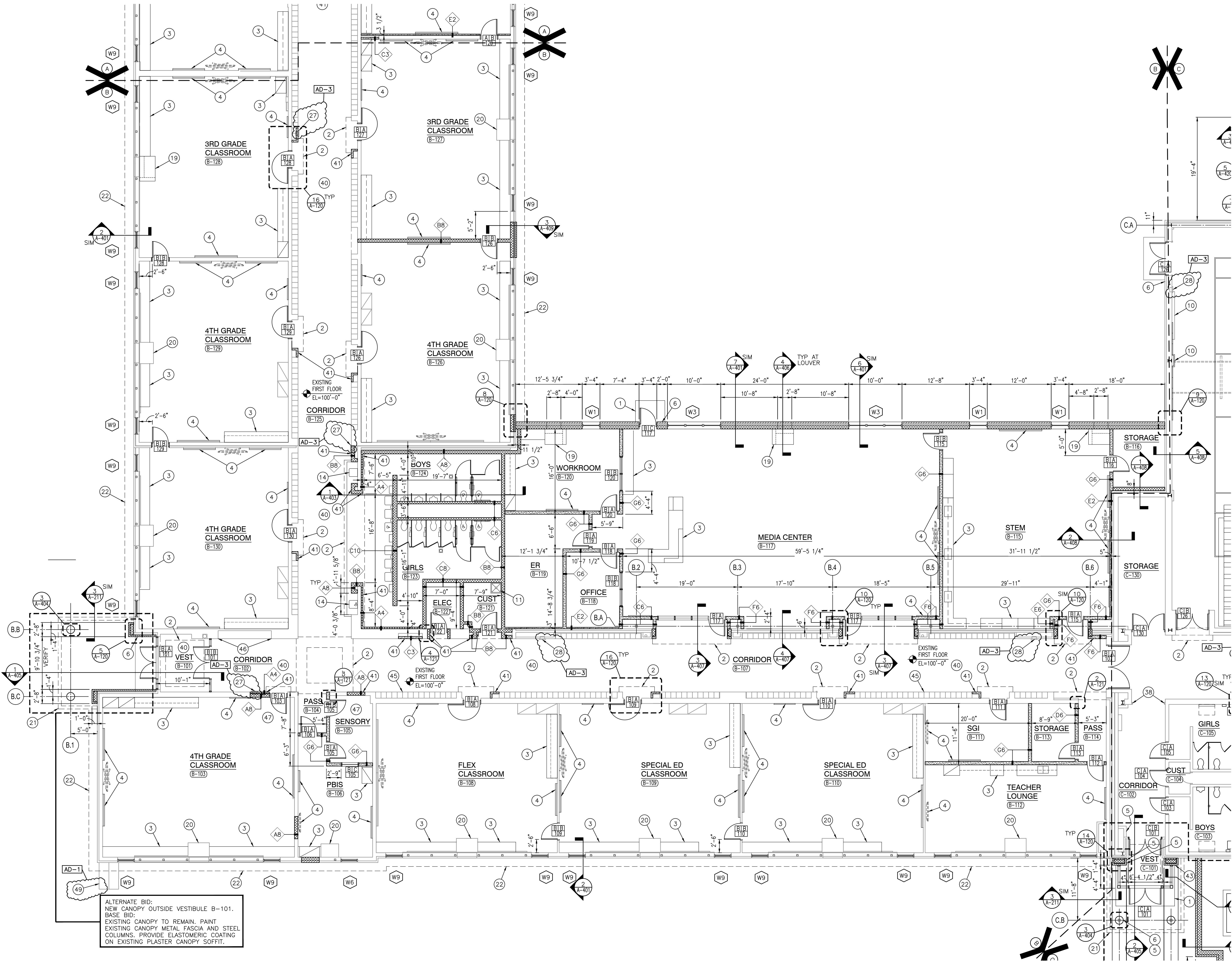
AND RELATED WORK

GIBALTAR DESIGN

SHEET

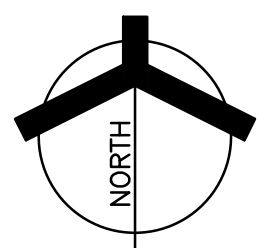
B

A-102



UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

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



GENERAL PLAN NOTES:

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- M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
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- 5 PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
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- 7 AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
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- 50 MECHANICAL GRILLE COVER.

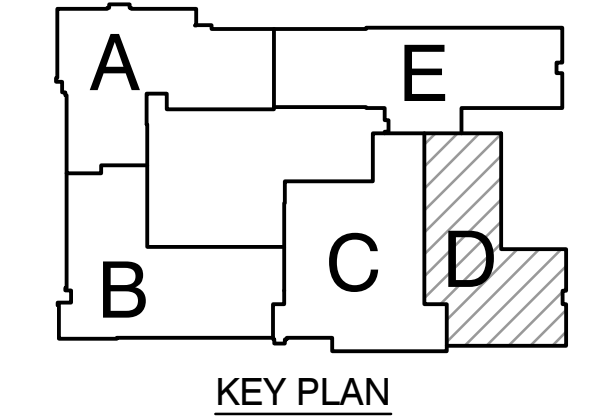


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PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

GIBRALTAR DESIGN

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

21-109

DATE

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COORDINATED BY

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REVISIONS

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AD-1 01/26/23 ADDENDUM NO. 1

AD-3 02/02/23 ADDENDUM NO. 3

DRAWING

UNIT "D" ARCHITECTURAL

FIRST FLOOR PLAN

PROJECT

SOLON ROBINSON ELEMENTARY

SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

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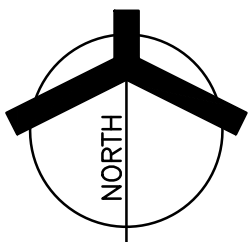
SHEET

D

A-104

UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

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



- (31) CONCRETE EQUIPMENT PAD, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
- (32) CRUSHED STONE, REFER TO CIVIL DRAWINGS.
- (33) ROLLING SERVICE DOOR (EXTERIOR).
- (34) ROLLING SERVICE DOOR (CAFETERIA).
- (35) ROLLING COUNTER DOOR.
- (36) EXISTING ELECTRICAL TRANSFORMER AND PAD TO REMAIN.
- (37) DEDICATION PLAQUE.
- (38) PATCH HARDWARE RECESSES AND HOLES AND GRIND SMOOTH AS REQUIRED TO MATCH PROFILE OF EXISTING FRAME AND RECEIVE NEW PAINTED FINISH.
- (39) MECHANICAL YARD GATE.
- (40) ADHERE ONE (1) LAYER OF 1/2" GYPSUM BOARD TO FACE OF EXISTING PLASTER AND/OR CMU WALL FROM FLOOR TO 4" ABOVE CEILING. (ALL EXPOSED WALLS IN THIS CORRIDOR, INCLUDING WALLS ABOVE LOCKERS)
- (41) ADHERE ONE (1) LAYER OF 1/2" GYPSUM BOARD TO FACE OF NEW CMU OR GYPSUM BOARD FROM FLOOR TO 4" ABOVE CEILING.
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- (43) CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING CANOPY BEAMS WITH FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY.
- (44) CONCRETE WALK, REFER TO CIVIL DRAWINGS.
- (45) LOCKERS (EXISTING, RELOCATED OR NEW), REFER TO EQUIPMENT PLANS.
- (46) 3/4"x3"(ACTUAL) FINISHED WOOD TRIM OVER EXISTING WOOD TRIM AROUND PERIMETER OF DISPLAY CASE FRONT.
- (47) ALL CMU WALLS IN THIS ROOM TO START AT ELEVATION 100 WITH A CUT STARTER COURSE TO MATCH EXISTING CMU.
- (48) ABOVE LOCKERS INSTALL/INFILL WITH NEW GYPSUM BOARD AND METAL STUD BULKHEAD SIMILAR TO 4/A-502.
- (49) PAINT METAL TUNNEL ACCESS HATCH (HIGH PERFORMANCE COATING).
- (50) MECHANICAL GRILLE COVER.

PLAN NOTES:

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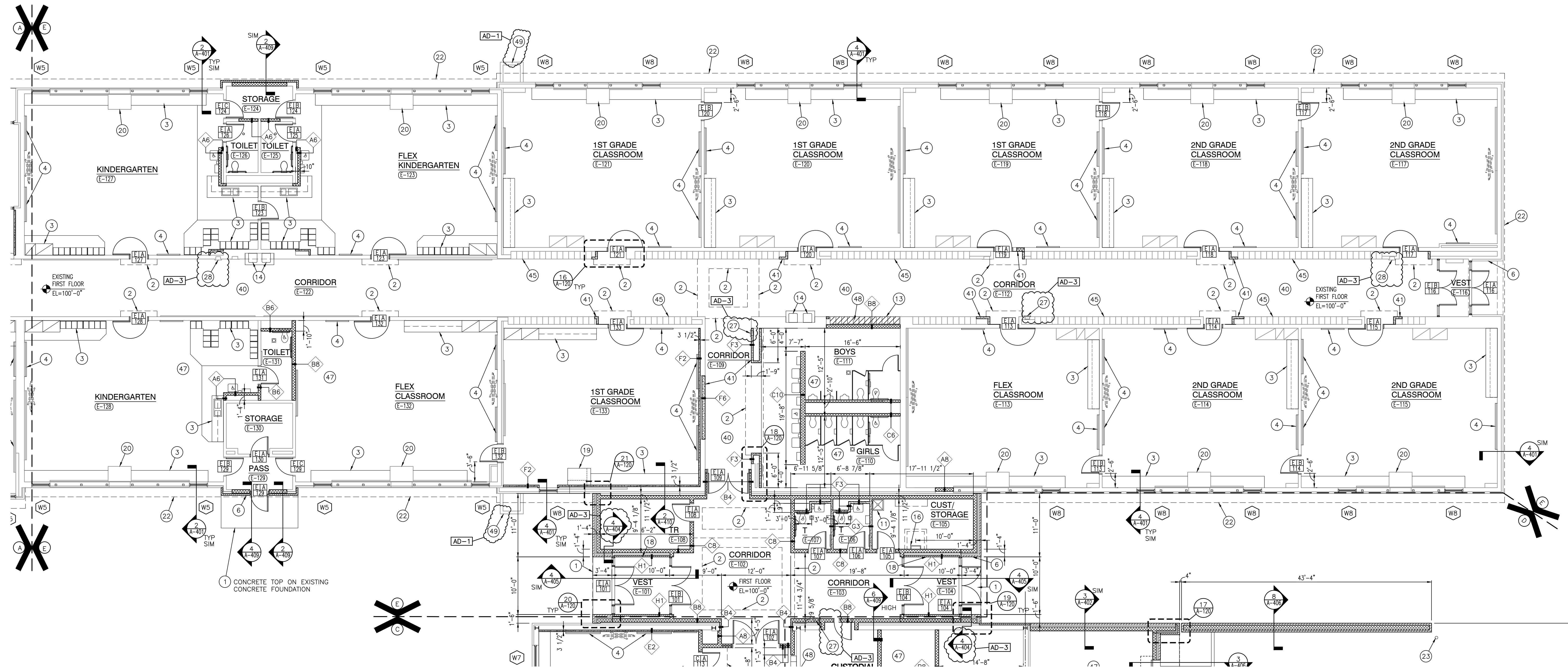
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- (5) PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS.
- (6) CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- (7) AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- (8) FIRE ALARM CONTROL PANEL, REFER TO ELECTRICAL DRAWINGS.
- (9) FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS.
- (10) GYM EQUIPMENT (TYPICAL), REFER TO ELECTRICAL DRAWINGS.
- (11) MOP SINK, REFER TO PLUMBING DRAWINGS.
- (12) SERVICE SINK, REFER TO PLUMBING DRAWINGS.
- (13) HATCHED AREA INDICATES TO PROVIDE NEW CONCRETE LOCKER BASE REFER TO LOCKER DETAILS AND SECTIONS.
- (14) INSTALL SALVAGED ELECTRIC BOTTLE FILLER, REFER TO PLUMBING DRAWINGS.
- (15) ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER, REFER TO PLUMBING DRAWINGS.
- (16) ROOF HATCH AND LADDER.
- (17) ROOF LADDER.
- (18) CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
- (19) UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.
- (20) EXISTING UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS.
- (21) LINE OF CANOPY ABOVE, REFER TO SECTIONS.
- (22) LINE OF OVERHANG, REFER TO SECTIONS.
- (23) 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
- (24) 1"x3"(ACTUAL) FINISHED WOOD TRIM WITH 1/2" NOTCH AS REQUIRED TO OVERLAP EXISTING TACK BOARD.
- (25) ALUMINUM DIVIDER RAIL.
- (26) ROOF BELOW, REFER TO ROOF PLAN.
- (27) SEMI-RECESSED FIRE EXTINGUISHER CABINET (AT 6 LOCATIONS, INSTALL SALVAGED FIRE EXTINGUISHER CABINET).
- (28) EXISTING FIRE EXTINGUISHER CABINET TO REMAIN.
- (29) KNOX BOX.
- (30) PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSE KEEPING PAD UNDER ALL NEW EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.

GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO C SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. 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. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- K. 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.
- L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.
- M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

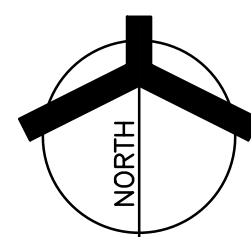
PLAN LEGEND:

- ◻ INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- ◊ INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.



UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

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



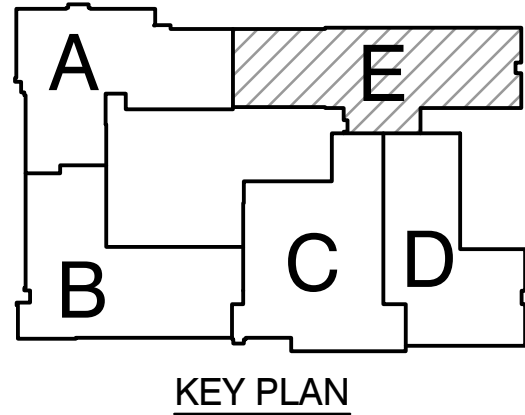
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PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



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PROJECT

21-109

DATE

01/11/23

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UNIT "E" ARCHITECTURAL
FIRST FLOOR PLAN

PROJECT

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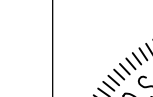
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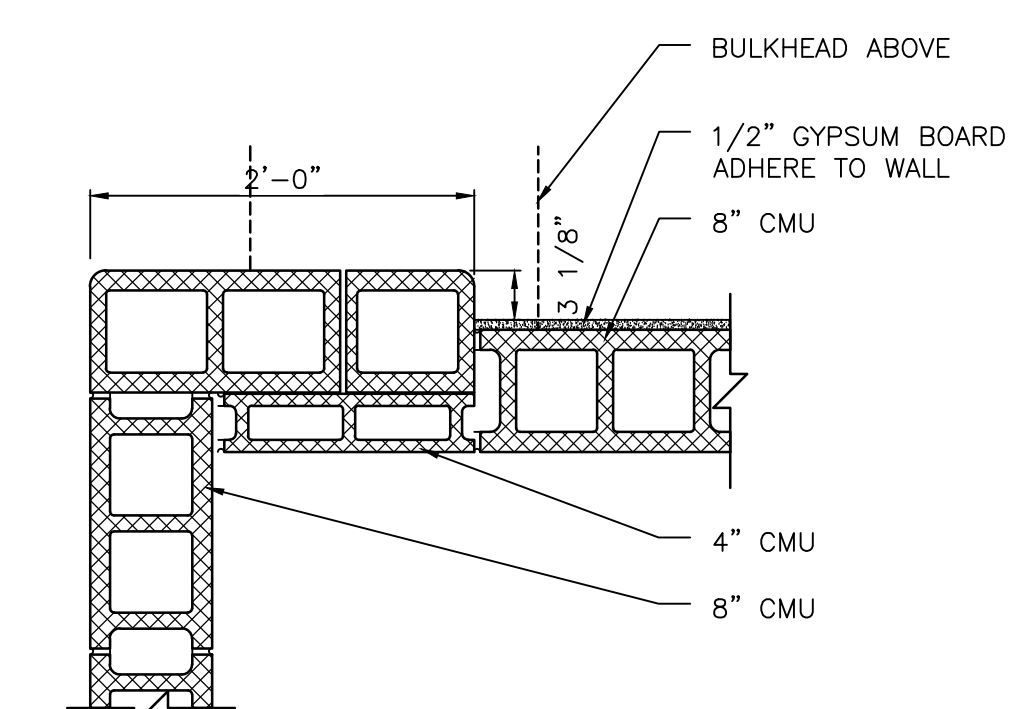
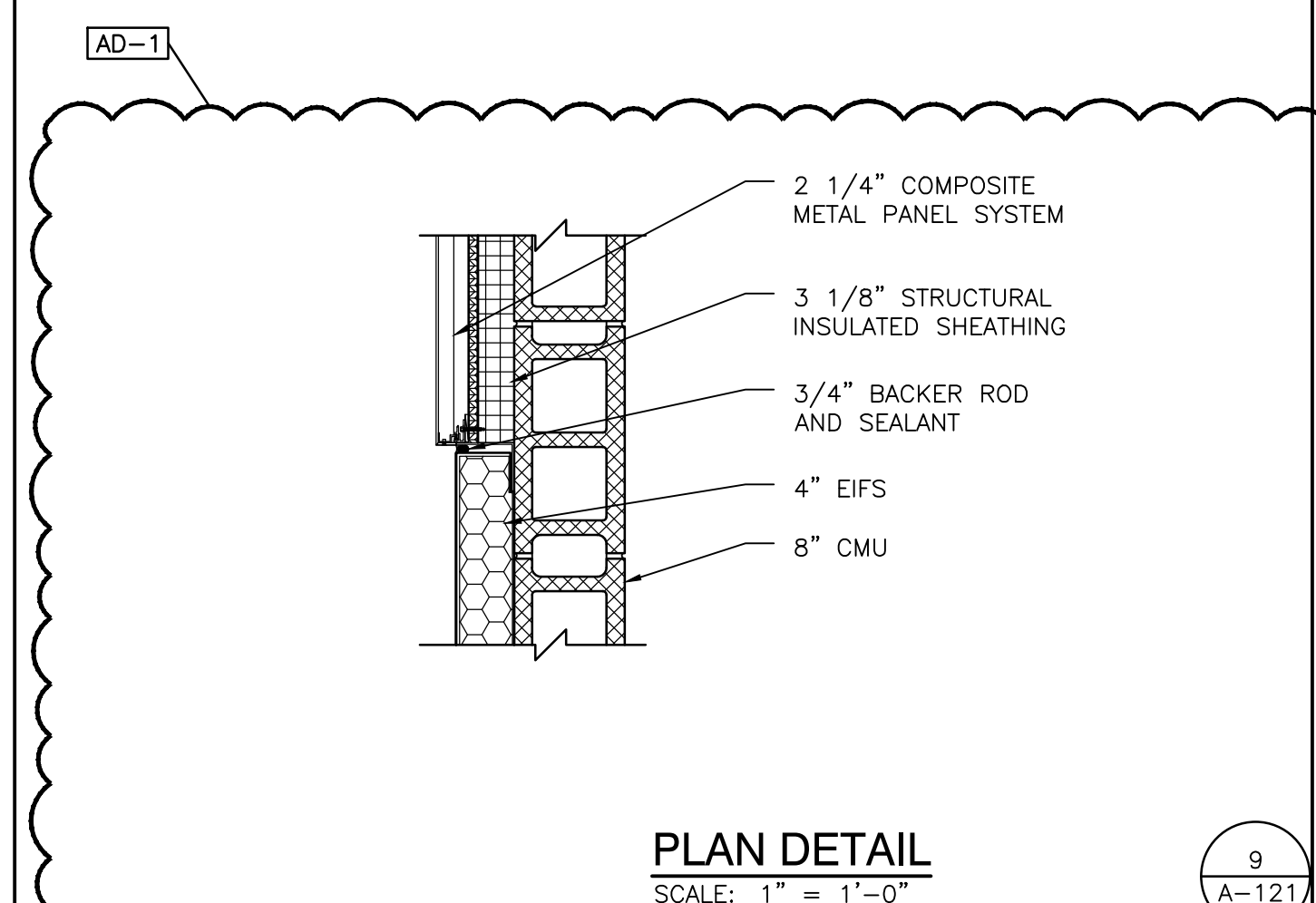
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DRAWING
PLAN DETAILS

PROJECT
**SOLON ROBINSON ELEMENTARY
 SCHOOL ADDITIONS, RENOVATIONS
 AND RELATED WORK**

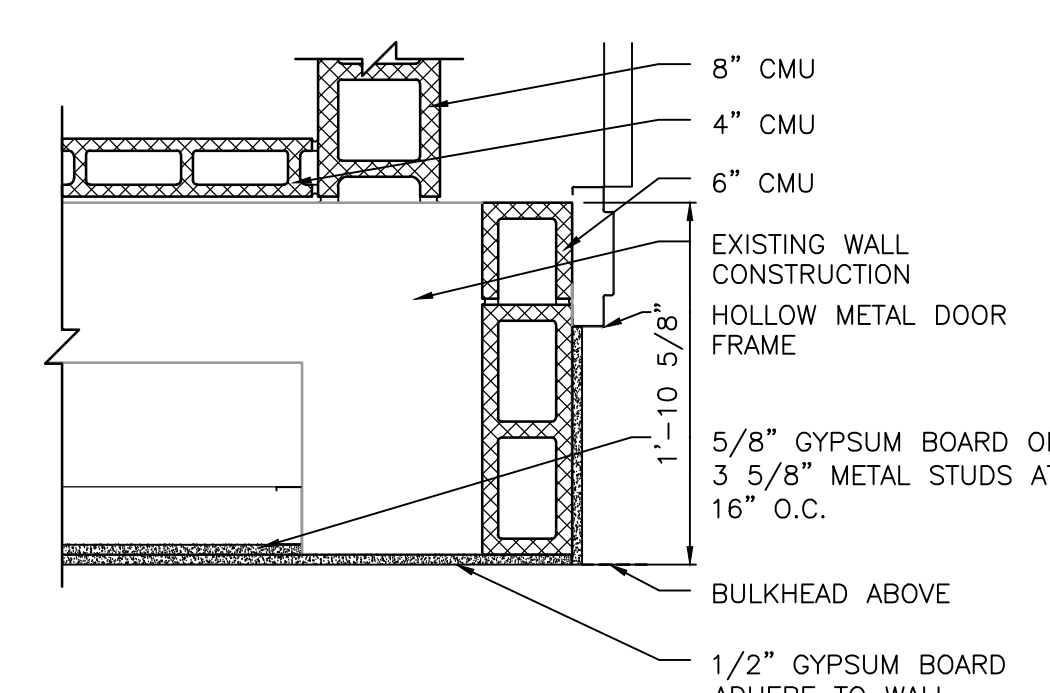
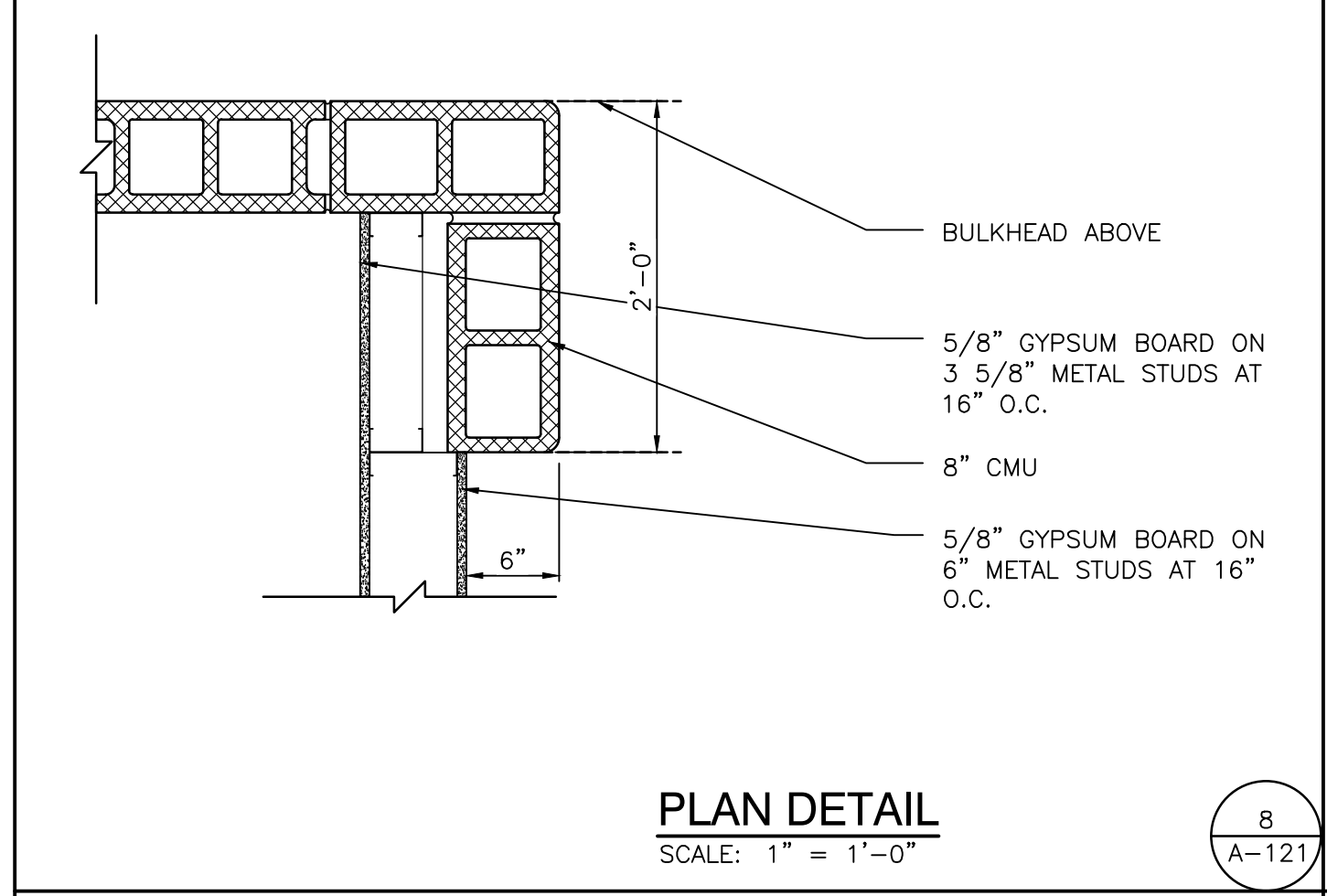
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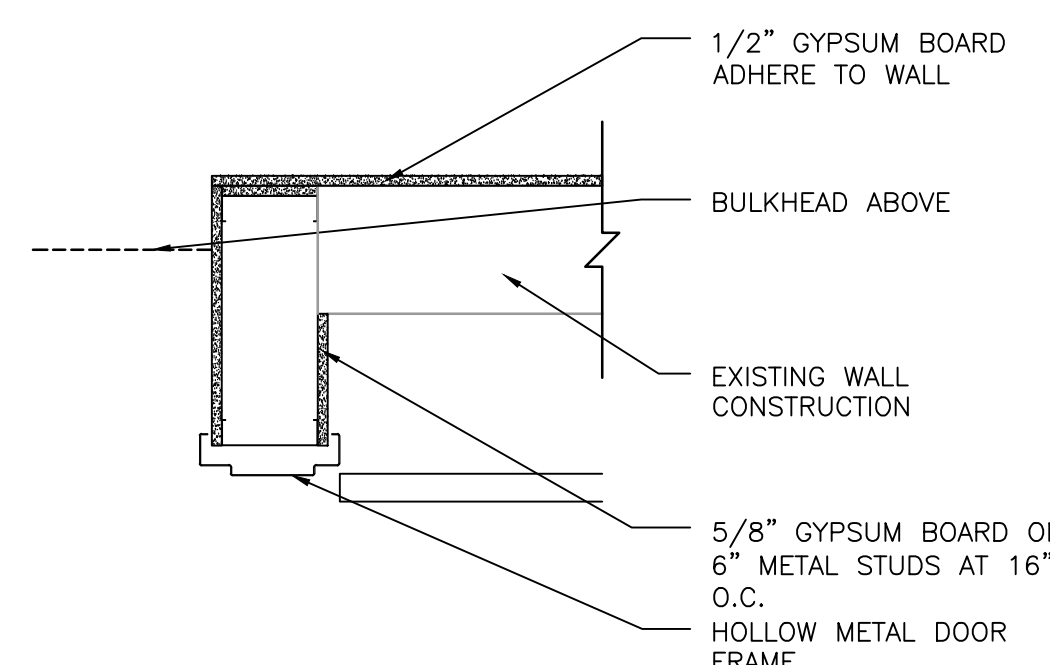
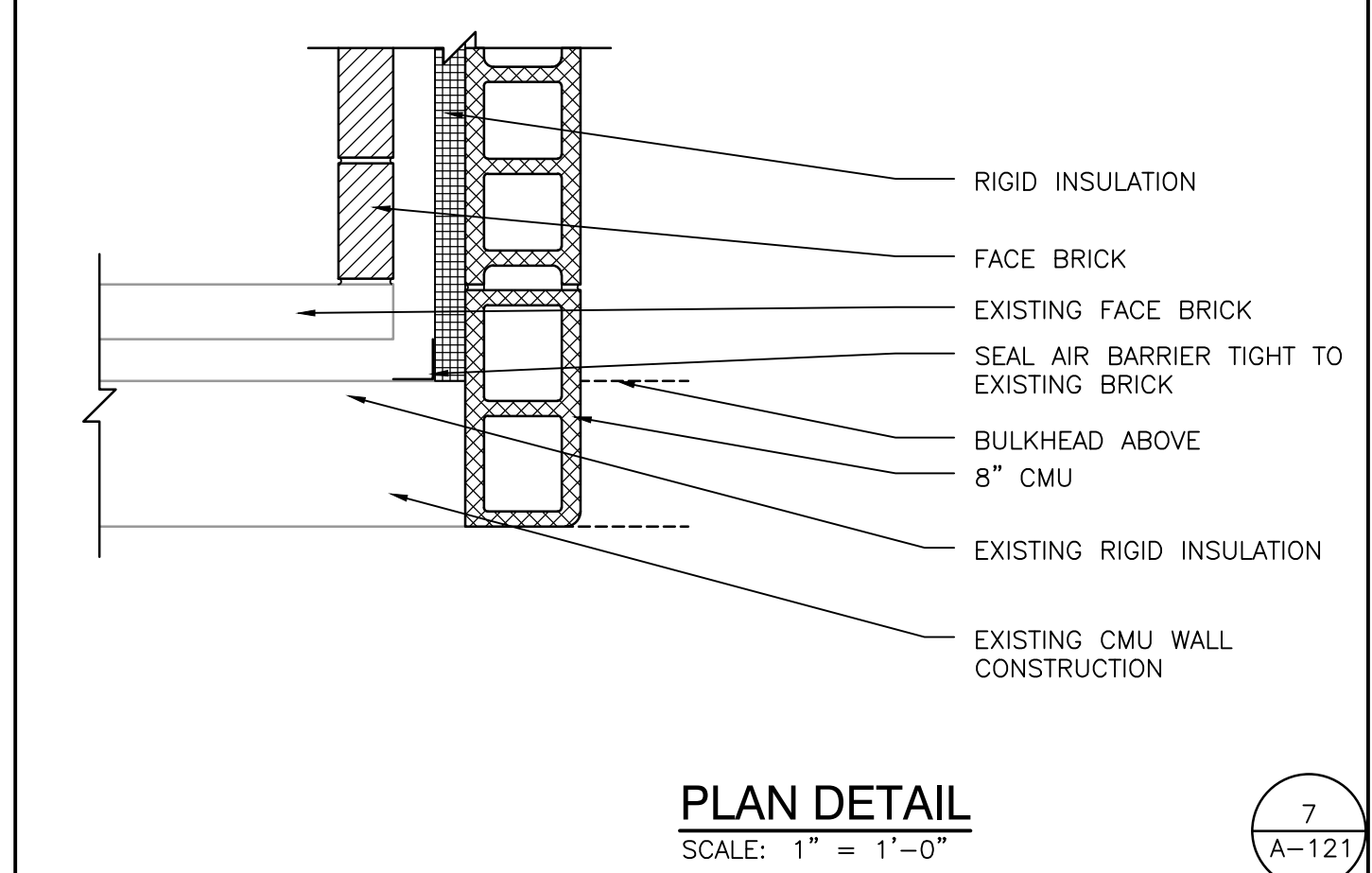
PLAN DETAIL

SCALE: 1" = 1'-0"

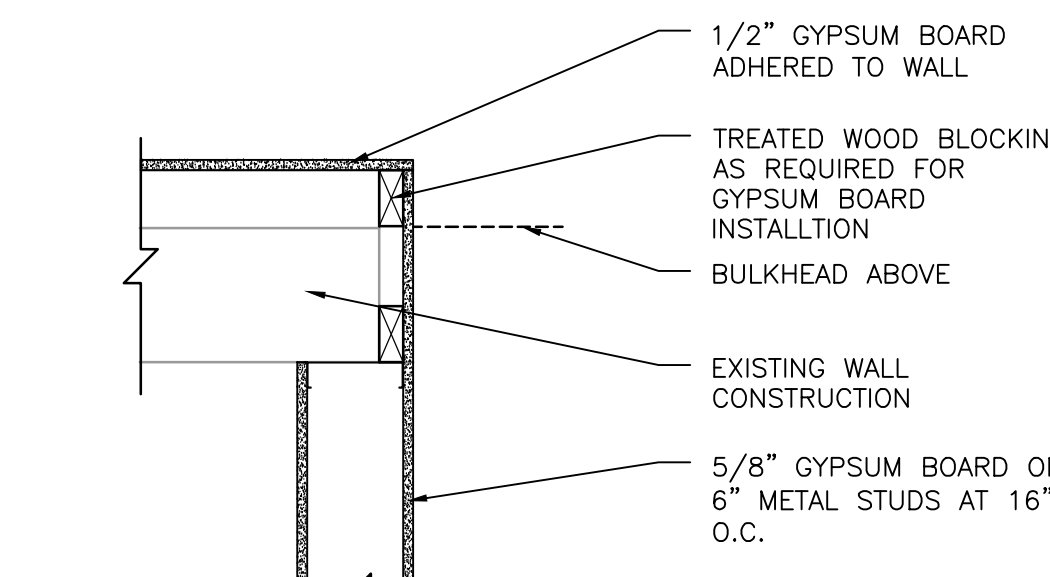
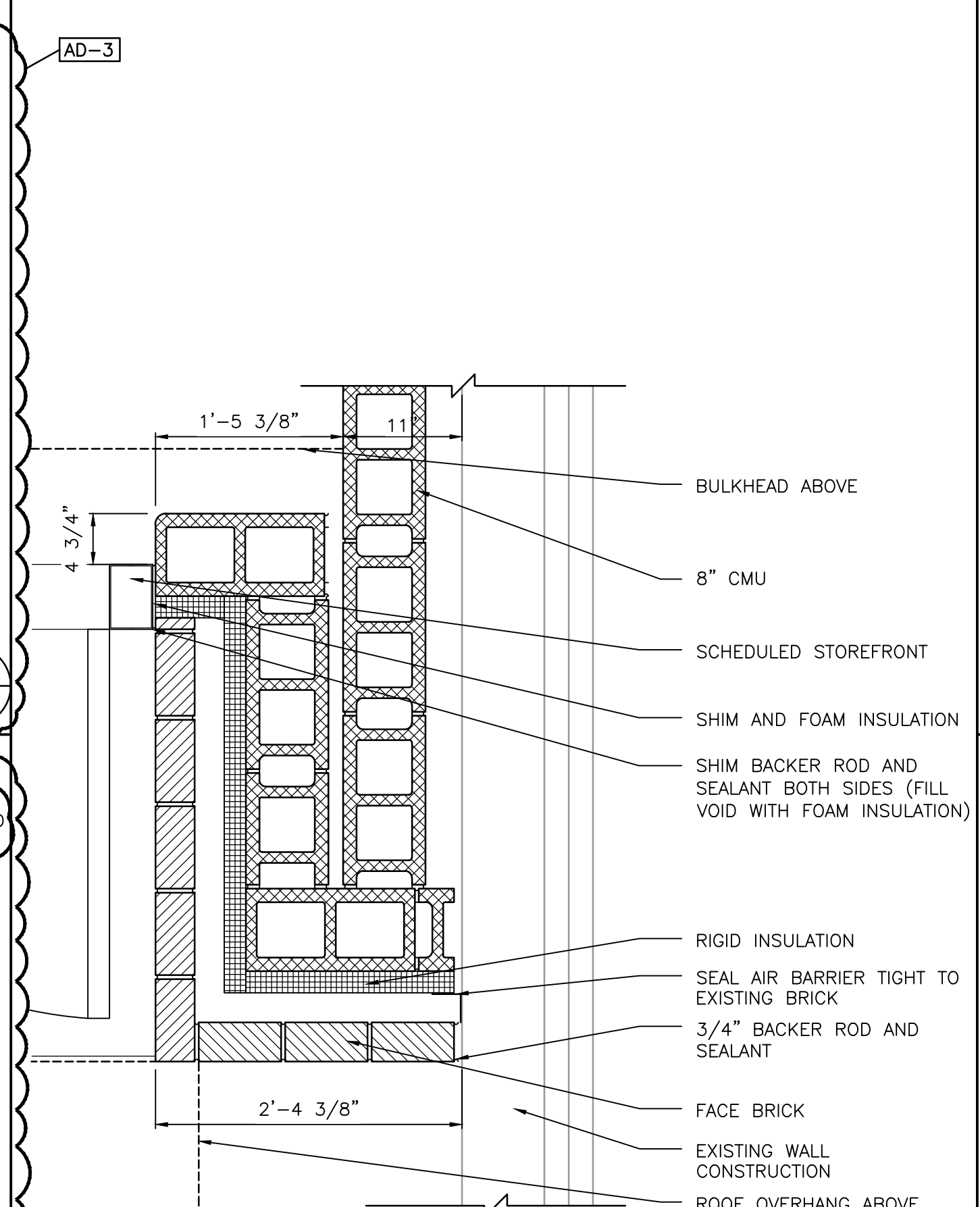
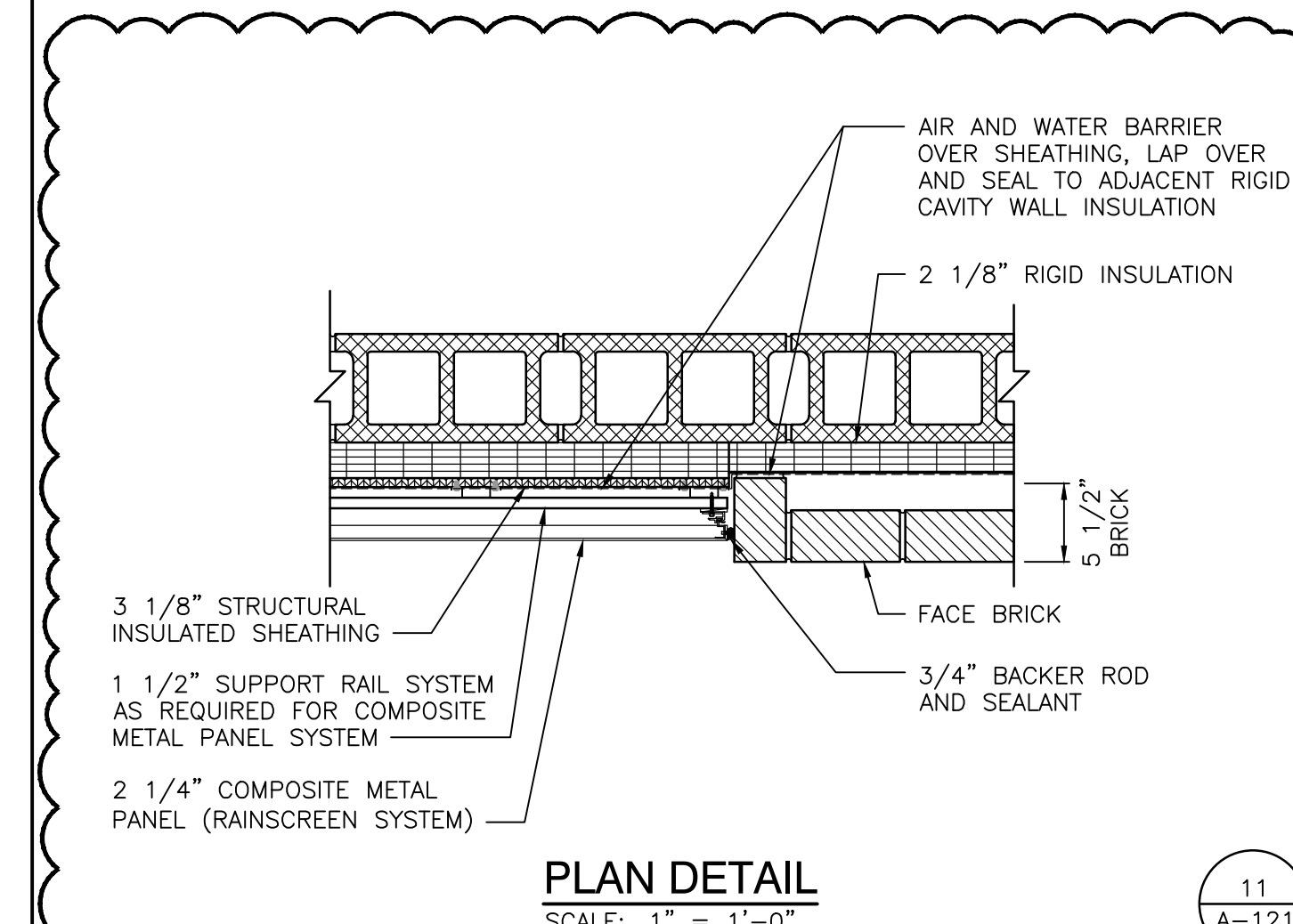


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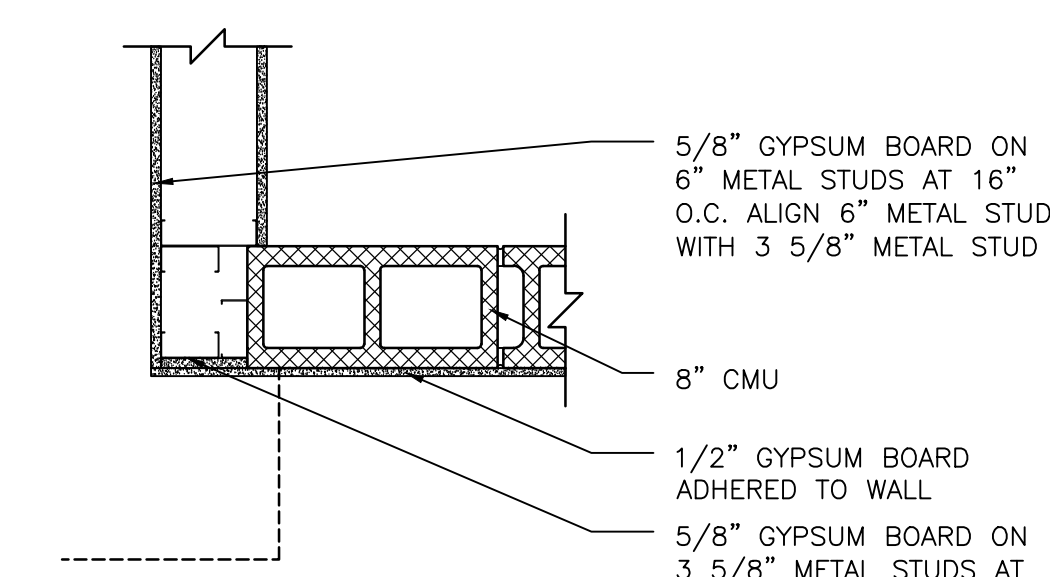
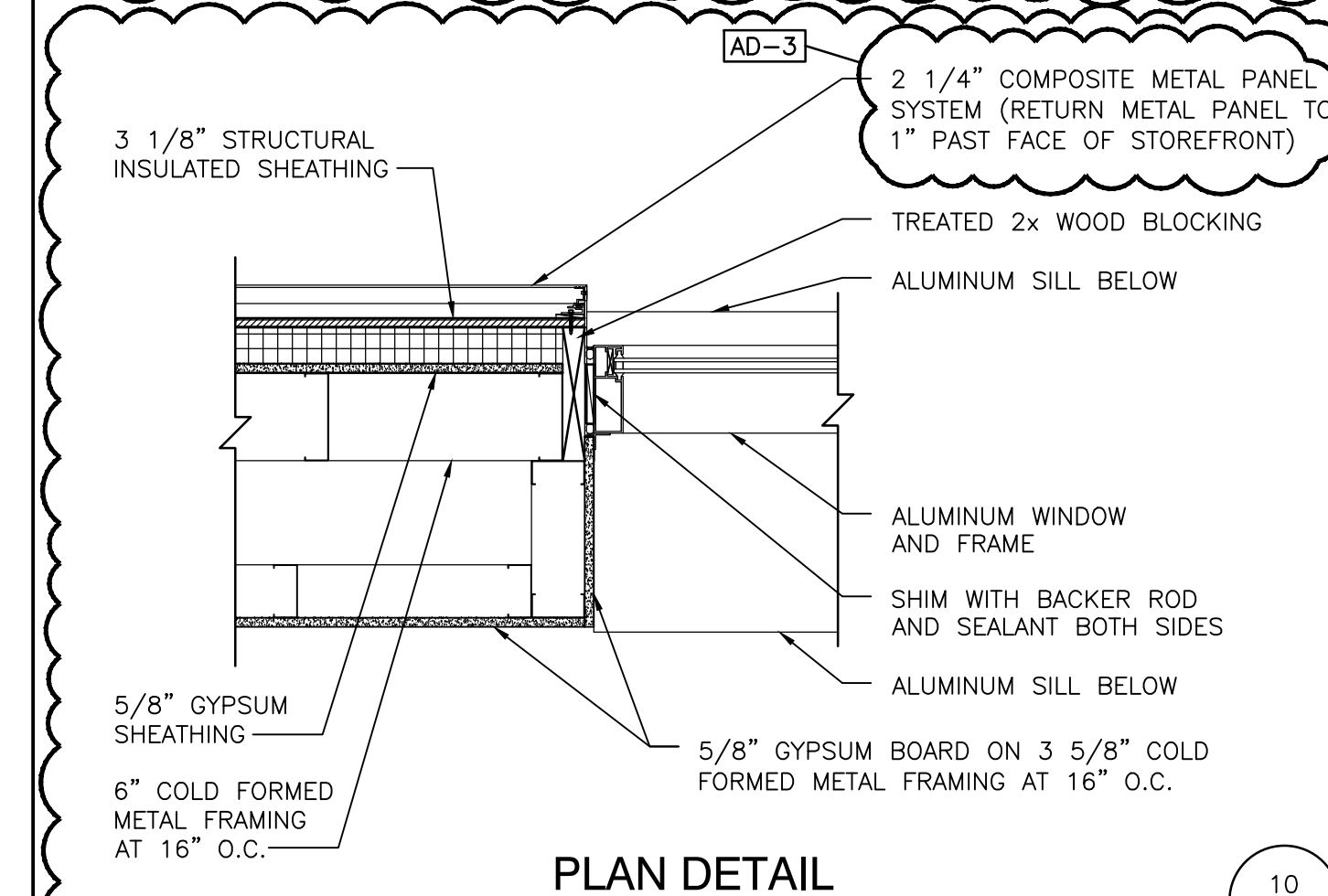
SCALE: 1" = 1'-0"



PLAN DETAIL
SCALE: 1" = 1'-0"



PLAN DETAIL
SCALE: 1" = 1'-0"



PLAN DETAIL

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 MODULAR RUNNING BOND UNLESS NOTED OTHERWISE.
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 1 AND 2/A-410.
H. TUCK POINT 200 LINEAL FEET OF EXISTING BRICK JOINTS (LOCATION TO BE DETERMINED IN THE FIELD DURING CONSTRUCTION).
I. ALL VERTICAL CONTROL JOINTS IN EXISTING EXTERIOR BRICK WALL TO REMAIN ARE TO BE REMOVED AND PLACED WITH NEW SEALANT AND BACKER ROD.

ELEVATION KEY NOTES:

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
1 APPROXIMATE FINISH GRADE, REFER TO CIVIL DRAWINGS.
2 ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS WHERE APPLICABLE.
3 ALUMINUM WINDOW WITH ALUMINUM SILL.
4 FLUSH ALUMINUM DOORS AND ALUMINUM FRAME.
5 LOUVER WITH ALUMINUM SILL BY LOUVER MANUFACTURER.
6 ALUMINUM GUARDRAIL/HANDRAIL.
7 ROLLING SERVICE DOOR.
8 METAL HALF-COPING (COLOR A), REFER TO ROOF PLANS.
9 METAL FASCIA (COLOR A), REFER TO ROOF PLANS.
10 METAL COPING (COLOR A), REFER TO ROOF PLANS.
11 COMPOSITE METAL PANEL (RAIN SCREEN SYSTEM) WITH 3/4" VERTICAL AND HORIZONTAL REVEALS (COLOR A).
12 COMPOSITE METAL PANEL (BARRIER WALL SYSTEM) REVEAL PROFILE AT VERTICAL AND HORIZONTAL JOINT (COLOR A).
13 ROOF FLASHING, REFER TO ROOF PLAN.
14 16" HIGH ALUMINUM LETTERING, VERIFY NAME WITH OWNER.
15 MECHANICAL YARD GATE.
16 PIPE BOLLARD, REFER TO CIVIL DRAWINGS.
17 LIGHT FIXTURE, REFER TO ELECTRICAL DRAWINGS.
18 EXISTING CONSTRUCTION TO REMAIN.
19 NOT USED.
20 CLEAN EXISTING FACE BRICK.
21 CLEAN EXISTING CUT STONE TO REMAIN (ENTIRE BUILDING) FIELD VERIFY.
22 CLEAN AND PAINT EXISTING LOUVER TO REMAIN. REMOVE AND REINSTALL NEW BACKER ROD AND SEALANT AROUND THE PERIMETER.
23 EXTERIOR INSULATED FINISH SYSTEM / EIFS (COLOR A).
24 EIFS REVEAL/JOINT.
25 REMOVE EXISTING ALUMINUM MULLIONS AND 2" EIFS AT THIS PANEL AND INSTALL NEW 2" EIFS.
26 CLEAN EXISTING EIFS AND CUT NEW 1/2" VERTICAL JOINTS. INSTALL NEW BASE COAT, MESH, AND FINISH. PERFORM BOND TEST PRIOR TO INSTALLATION.
27 MASONRY SCREEN WALL (BRICK TYPE A1, COLOR A1) REFER TO SECTIONS.
28 ROOF LADDER REFER TO ROOF PLAN.
29 NEW LOUVER (VERIFY SIZE), PROVIDE SEALANT AROUND PERIMETER.

BRICK & STONE TYPE NOTES:

(ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS PLAN)

- (A1) FACE BRICK (TYPE A1) COLOR A - 1/2 RUNNING BOND - STANDARD MODULAR SIZE
(A2) FACE BRICK (TYPE A2) COLOR A - SOLDIER COURSE - STANDARD MODULAR SIZE CUT TO SIZE OF TWO BRICK COURSES.
(B1) FACE BRICK (TYPE B1) COLOR B - 1/2 RUNNING BOND - STANDARD MODULAR SIZE
(B2) FACE BRICK (TYPE B2) COLOR B - SOLDIER COURSE - STANDARD MODULAR SIZE.
(L1) CUT LESTONE BAND - TO MATCH EXISTING LESTONE BAND (MAY BE SALVAGED FROM DEMOLISHED PORTION OF BUILDING).
(P1) PRECAST CONCRETE (18" DIAMETER) COLUMN BASE - DARK LESTONE FINISH.
(P2) PRECAST CONCRETE (18" DIAMETER) COLUMN BASE - LESTONE FINISH.
(S1) SALVAGE FACE BRICK TO MATCH ADJACENT EXISTING BRICK TOOTH IN TO ADJACENT EXISTING BRICK.

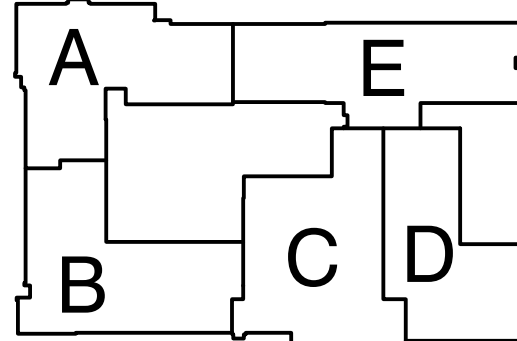


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**SOLO
ROBINSON
ELEMENTARY
SCHOOL
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RENOVATIONS,
AND RELATED
WORK**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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DRAWING

EXTERIOR ELEVATIONS

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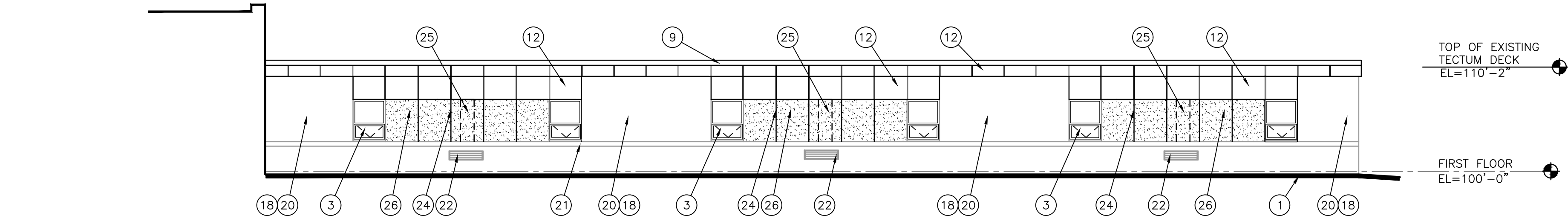
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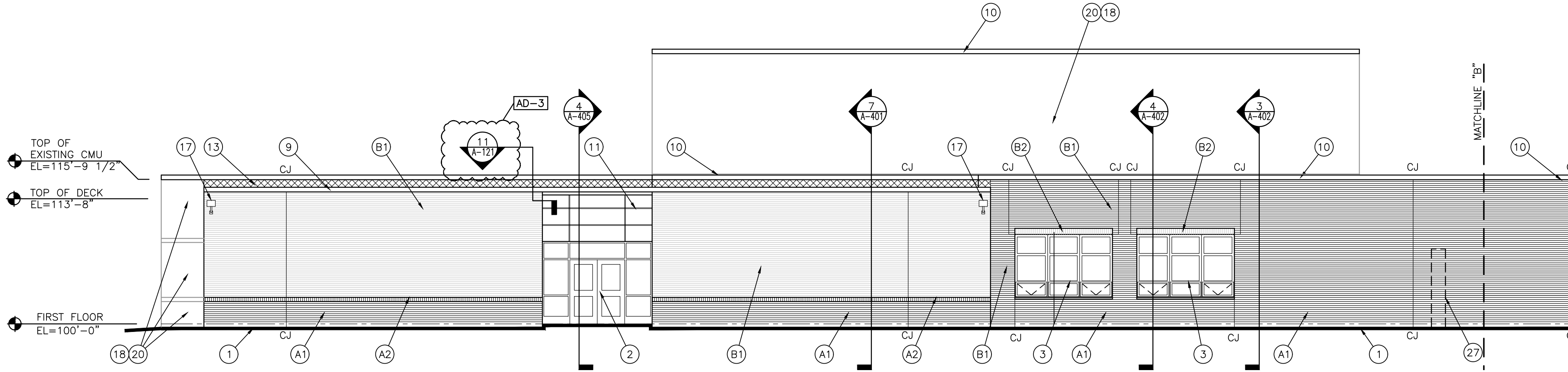
EXTERIOR ELEVATION 5

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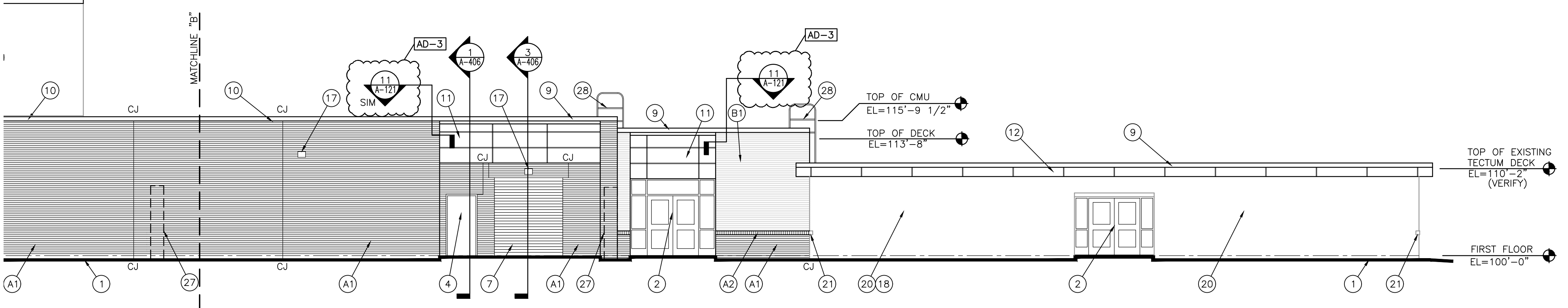
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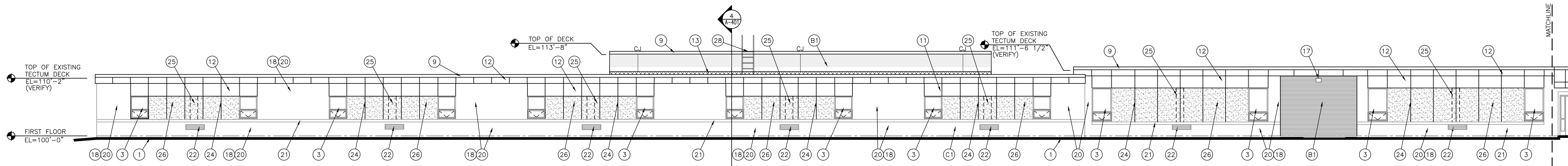
EXTERIOR ELEVATION 3

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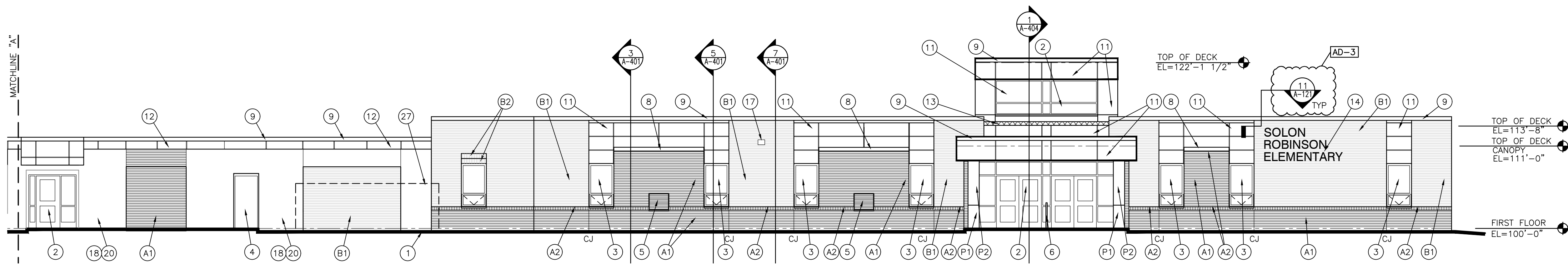
EXTERIOR ELEVATION 2

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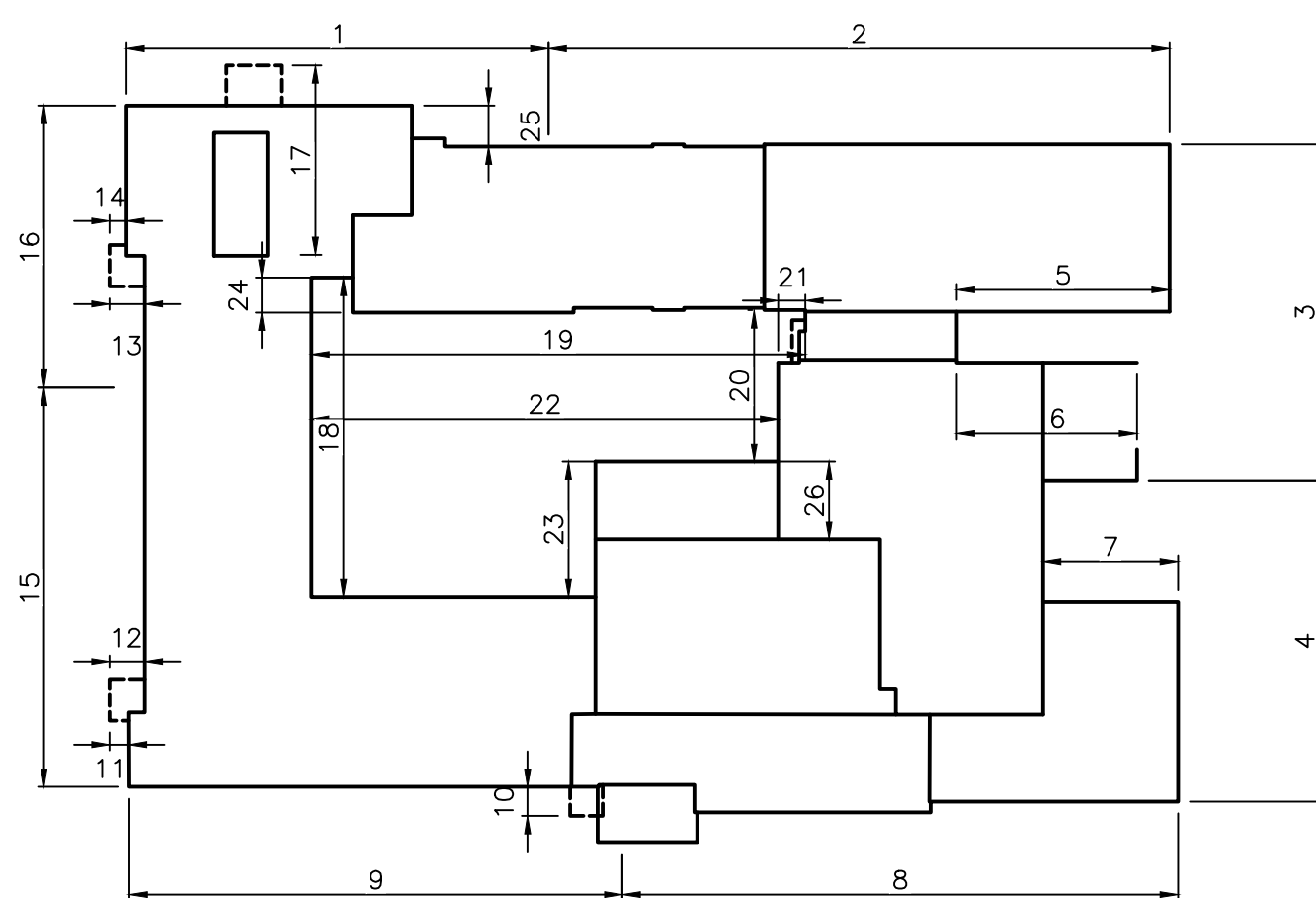
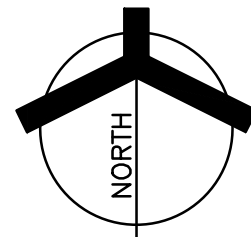
EXTERIOR ELEVATION 1

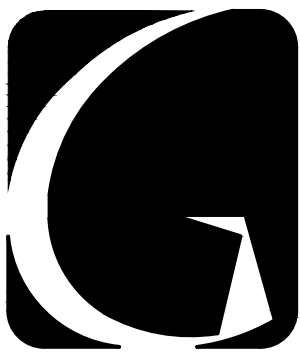
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KEYPLAN

SCALE: NONE





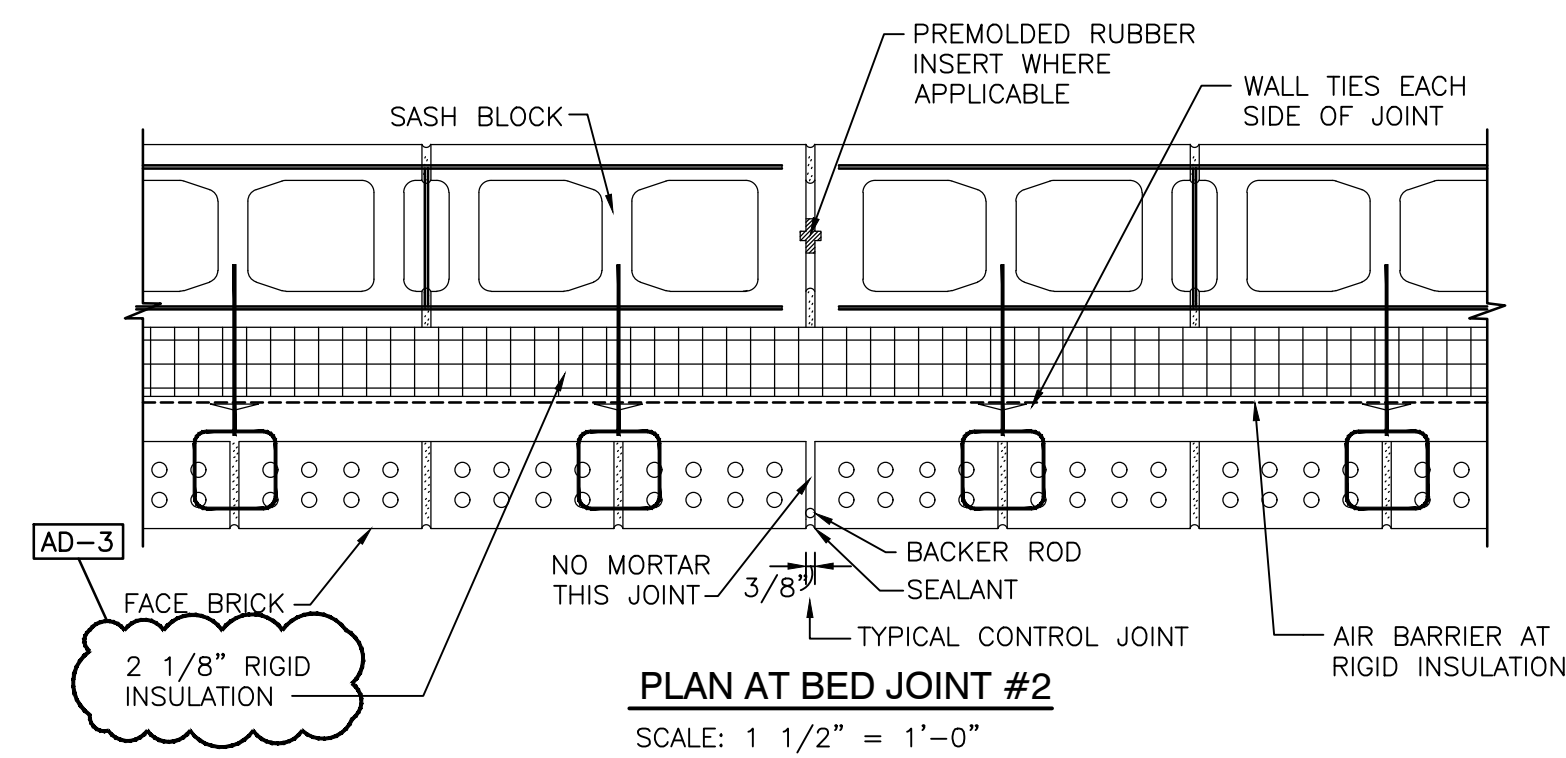
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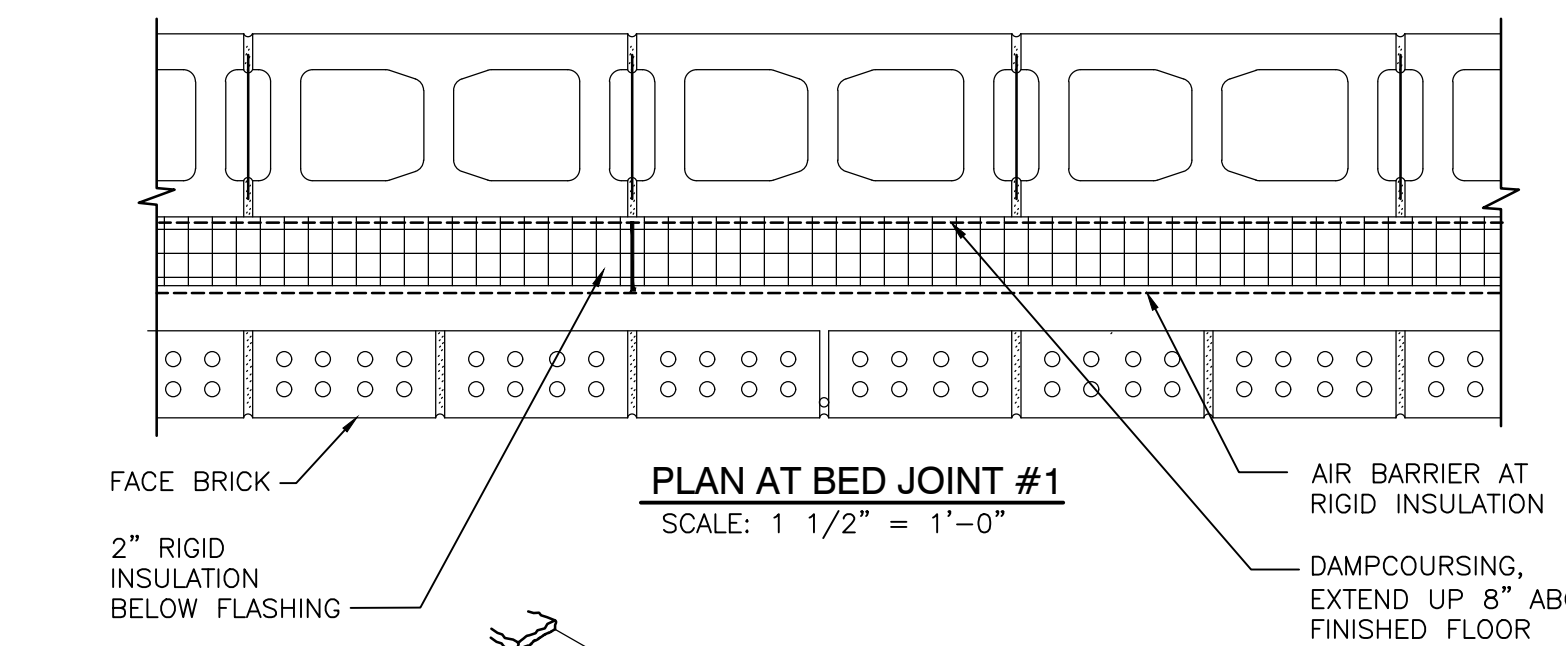
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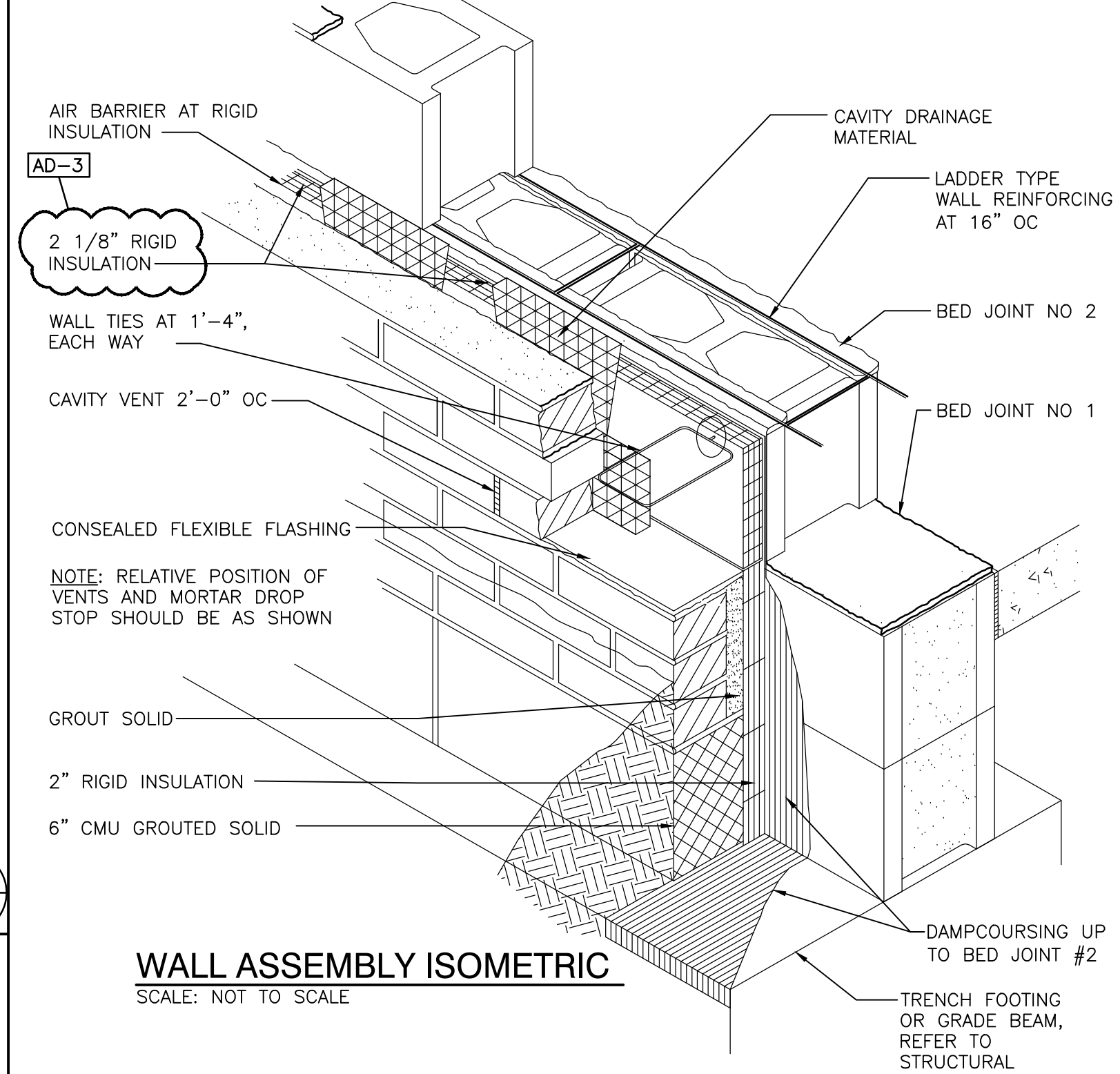
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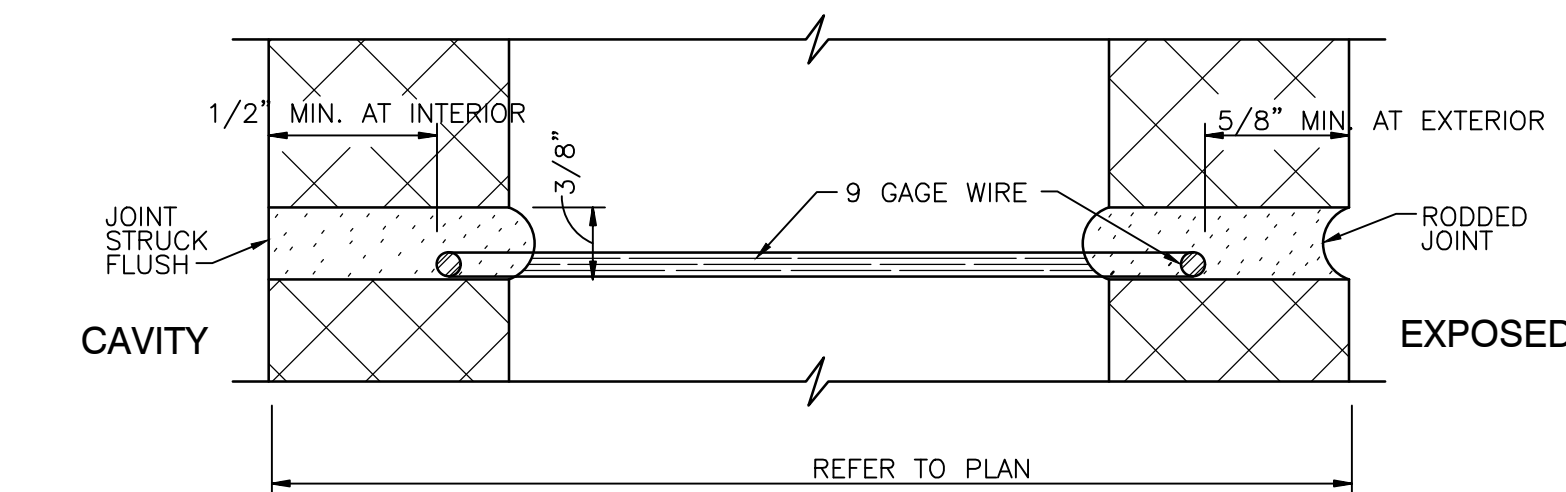
PLAN AT BED JOINT #2
SCALE: 1 1/2" = 1'-0"



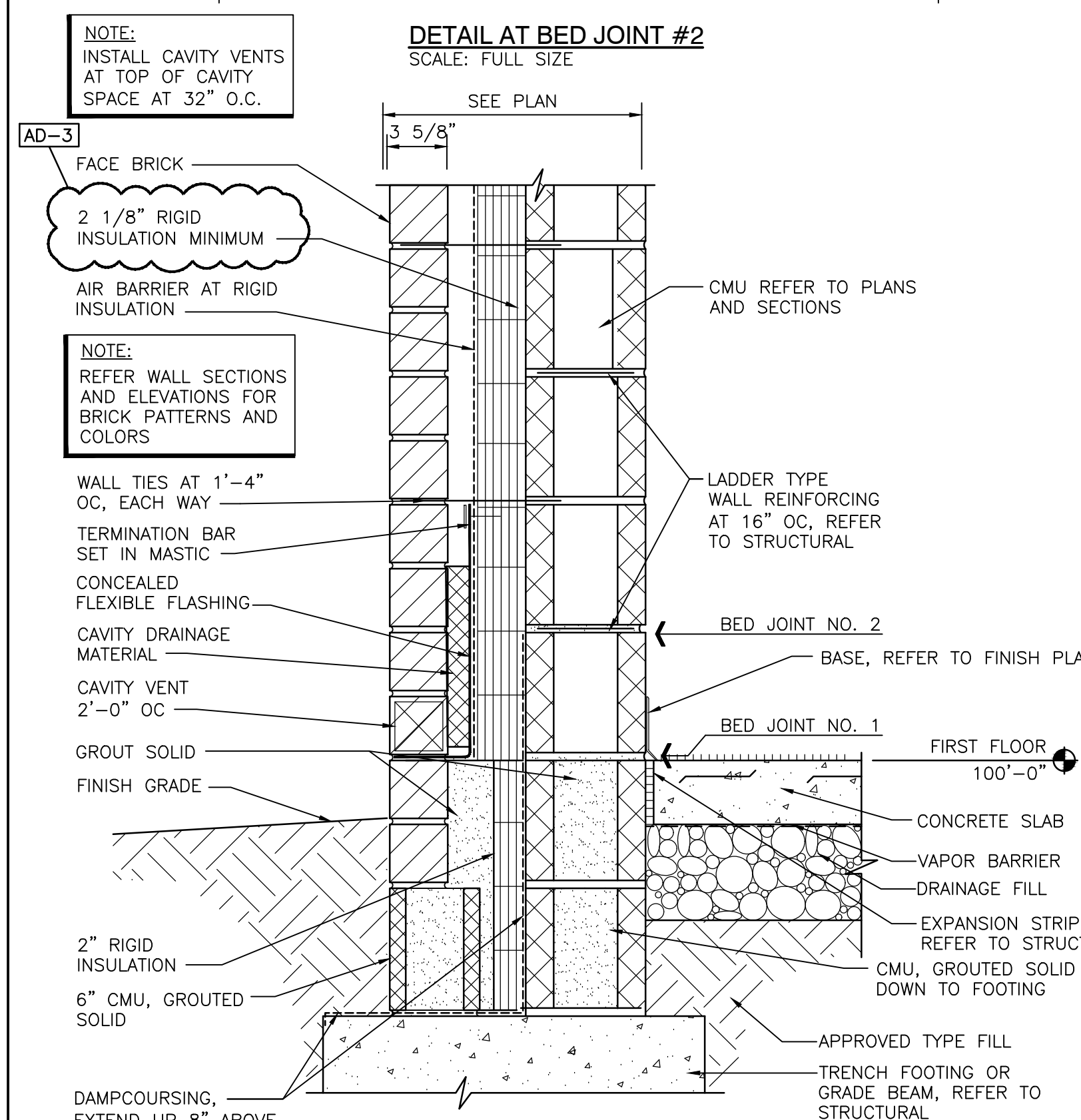
PLAN AT BED JOINT #1
SCALE: 1 1/2" = 1'-0"



WALL ASSEMBLY ISOMETRIC
SCALE: NOT TO SCALE



DETAIL AT BED JOINT #2
SCALE: FULL SIZE



**TYPICAL EXTERIOR MASONRY WALL
CONSTRUCTION DETAIL**
SCALE: AS INDICATED

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DRAWING

WALL SECTIONS

PROJECT

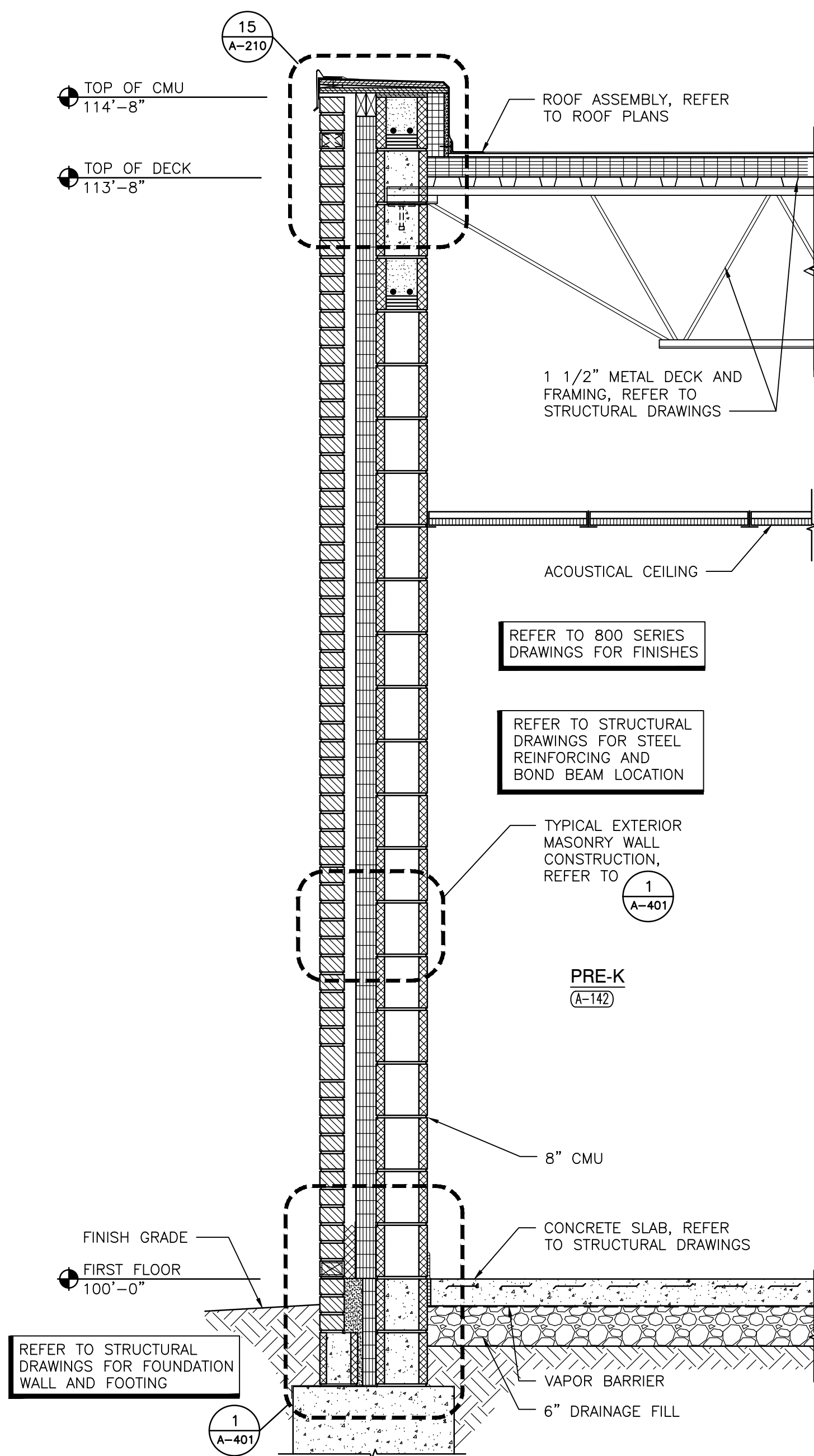
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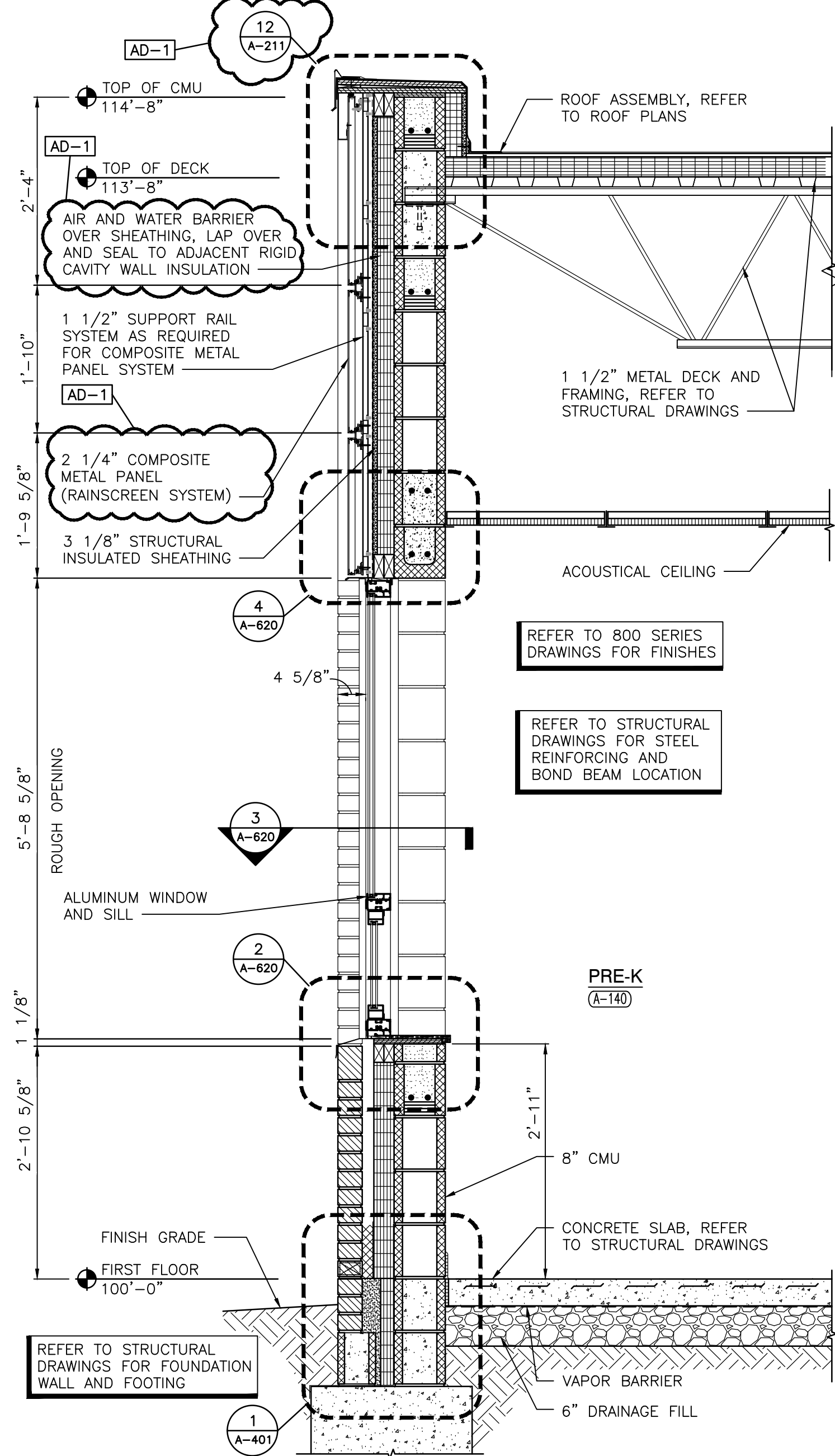
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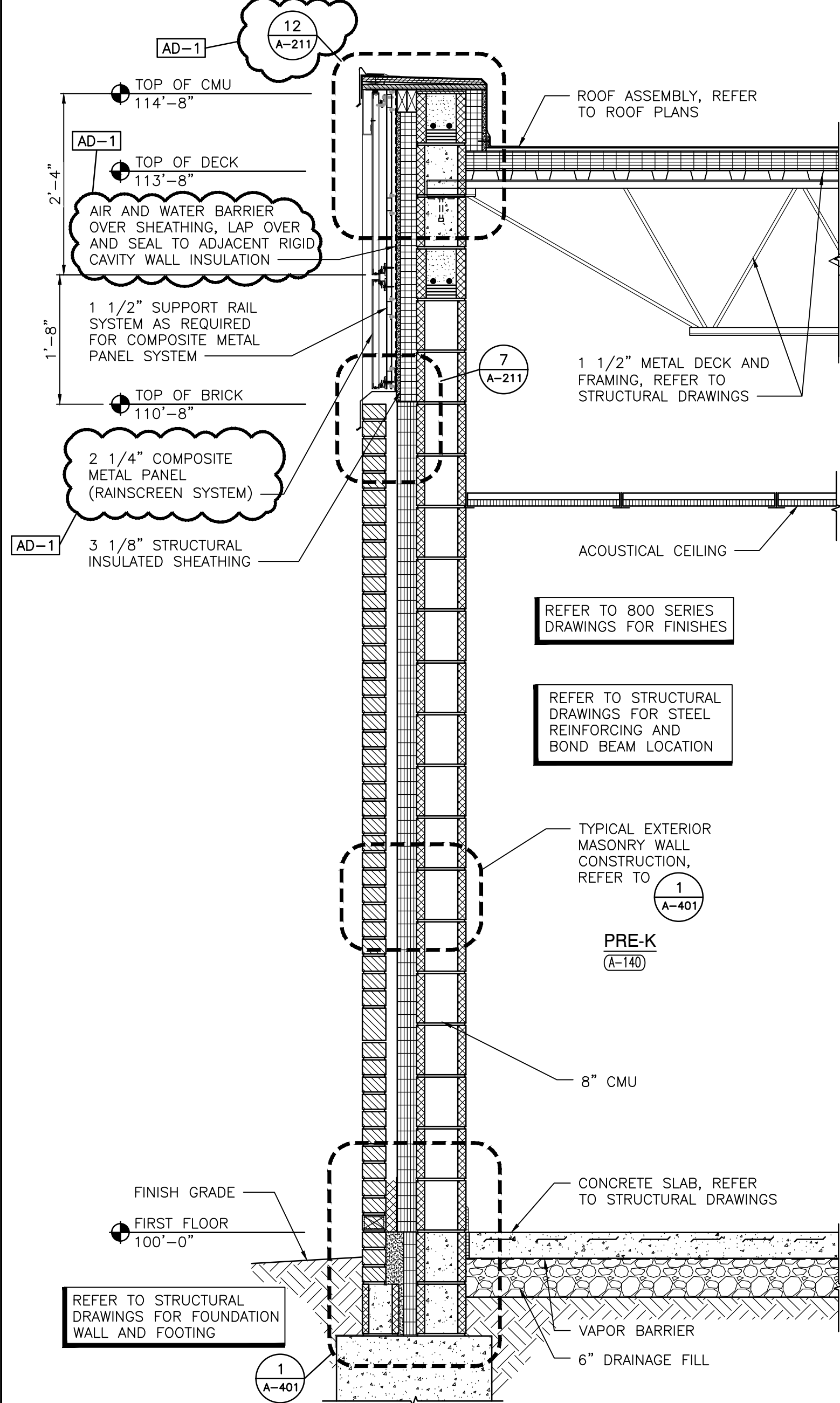
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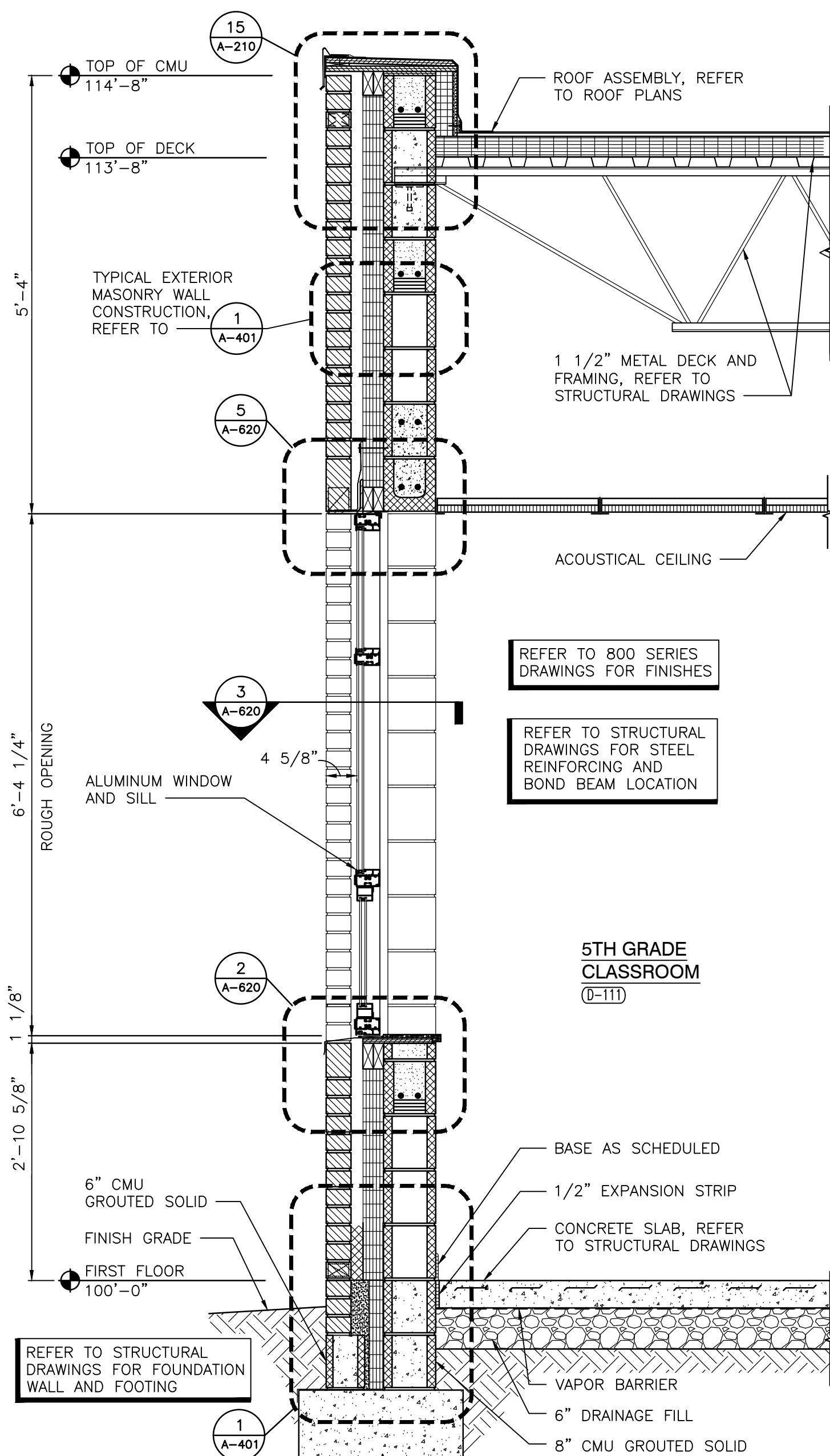
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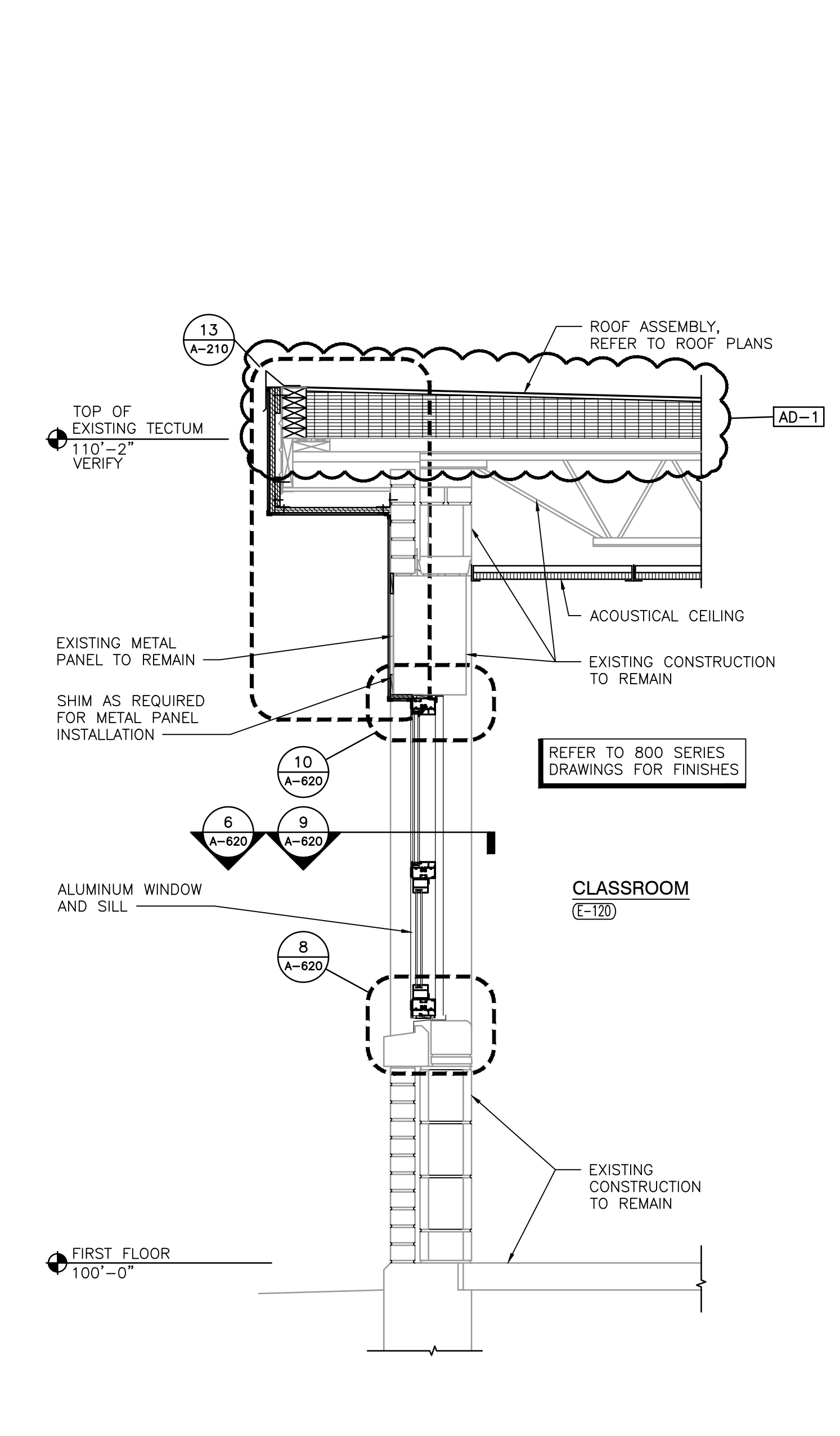
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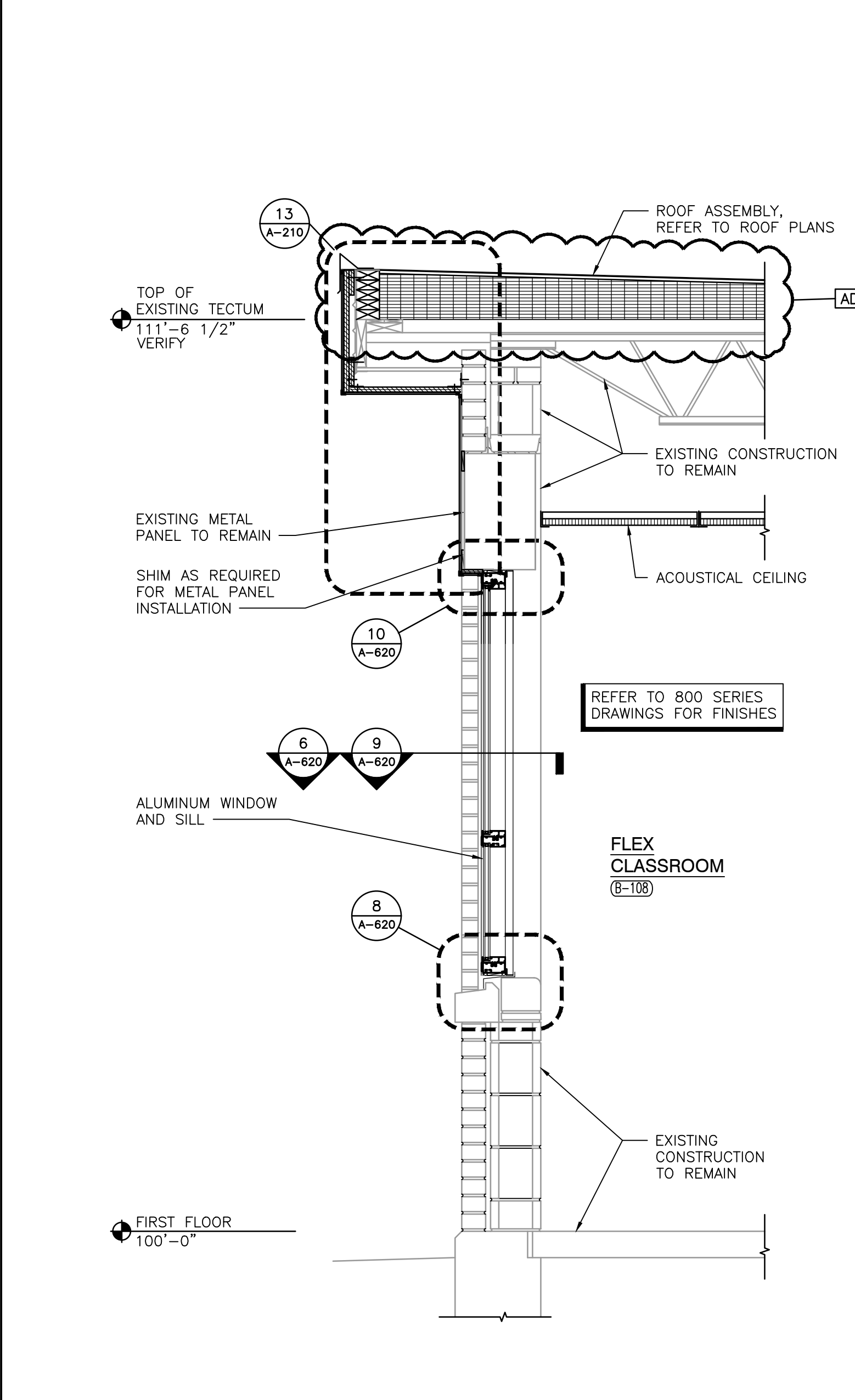
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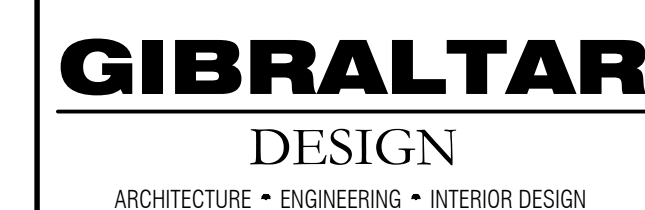
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SCALE: 3/4" = 1'-0"



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



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



PROJECT
SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-109	
DATE 01/11/23	
COORDINATED BY GWT	
DRAWN BY PCD	
CHECKED BY JMT	

GW1

Joseph L. Long

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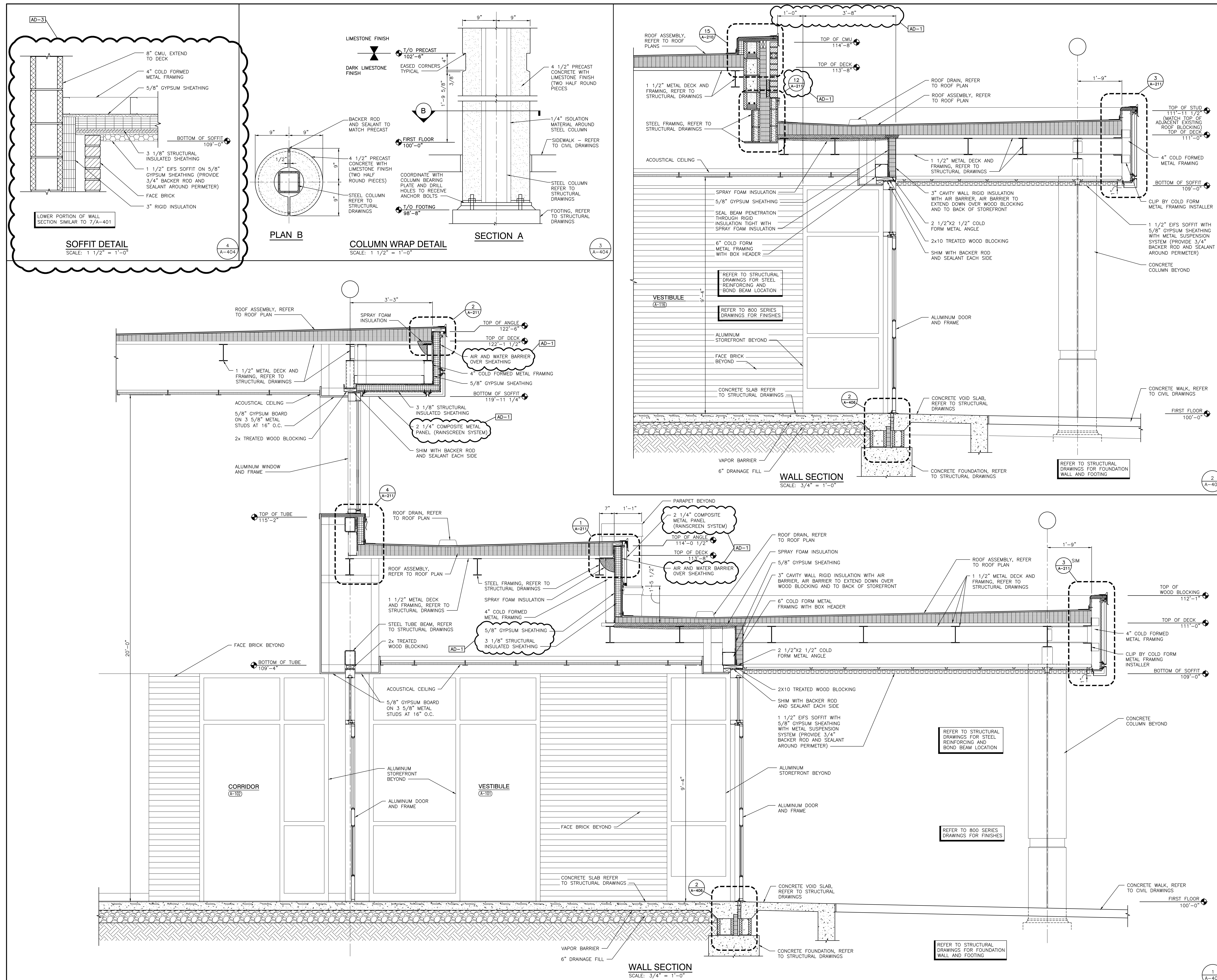
PROJECT.		
REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	01/26/23	ADDENDUM NO. 1
AD-3	02/02/23	ADDENDUM NO. 3

DRAWING
WALL SECTIONS

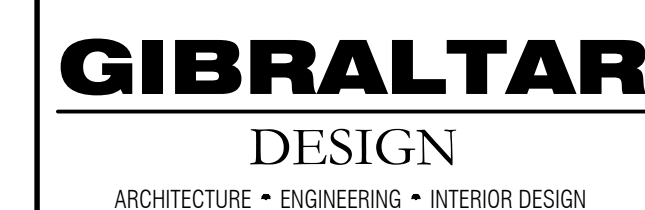
PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS
AND RELATED WORK

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A-404

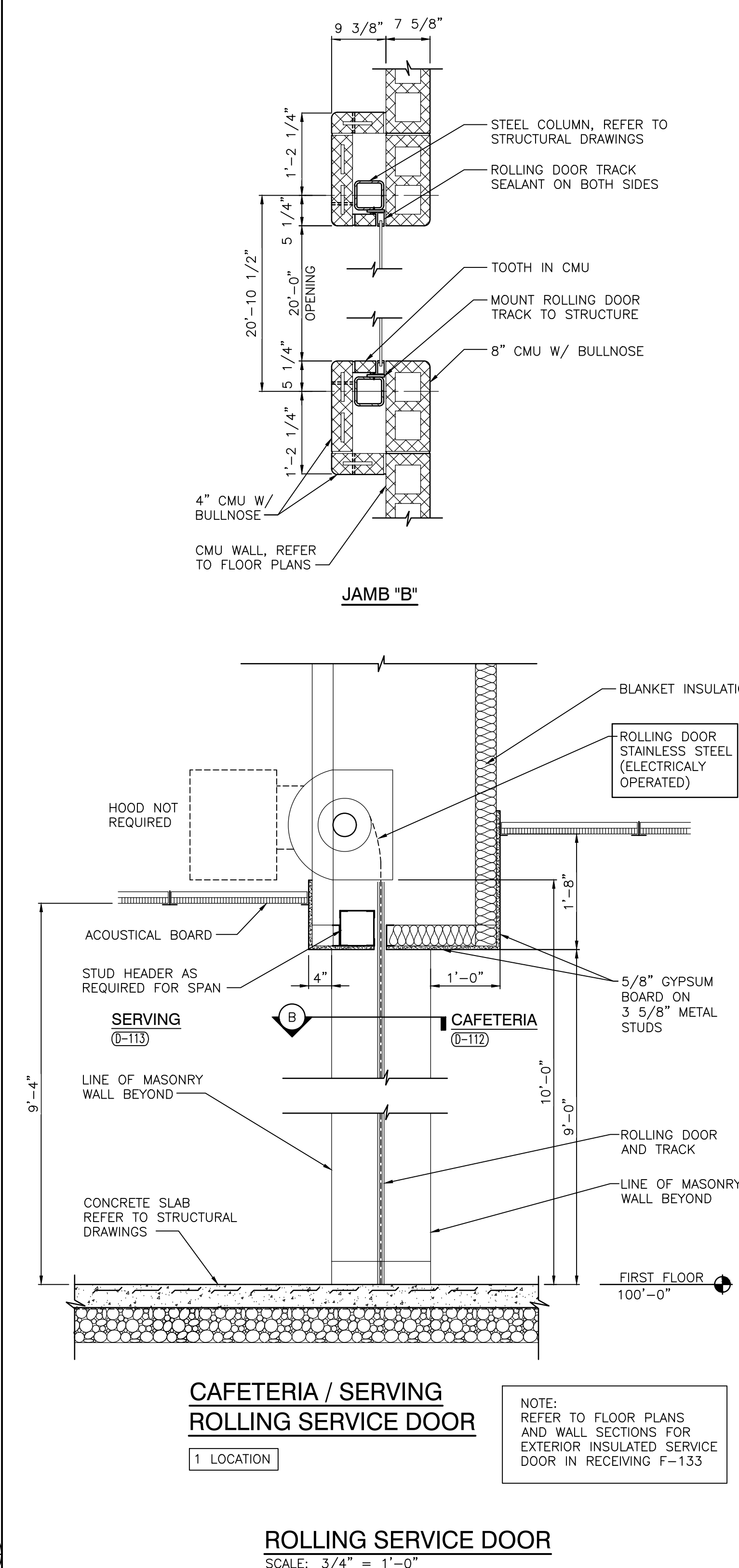
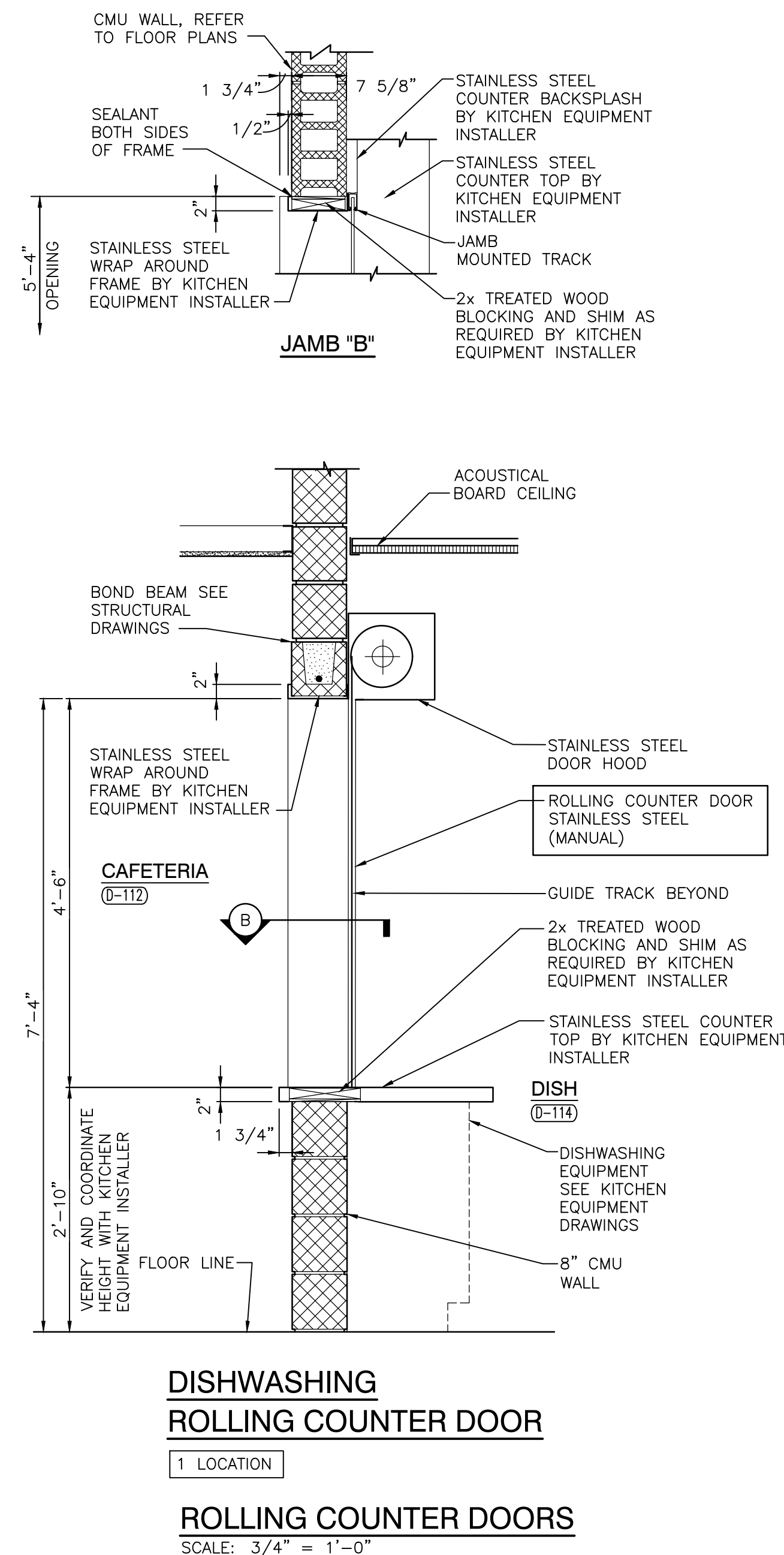


Thursday, 2/2/2023 - 3:03 PM - LAST SAVED BY:POEGROTHY
Y:\21-109 CROWN POINT CSC - ROBINSON ES
IMPROVEMENTS\21-109 DRAWINGS\05 ARCH\A-404.DWG



**SOLON
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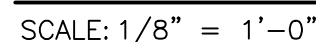
A-502



Thursday, 2/2/2023 - 3:09 PM - LAST SAVED BY:PDEGROTHY
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IMPROVEMENTS\21-109 DRAWINGS\05 ARCH\A-502.DWG

Thursday, 2/2/2023 - 1:57 PM - LAST SAVED BY:ABUSCHKOTTER
Y:\21-109 CROWN POINT CSC - ROBINSON ES
IMPROVEMENTS\21-109 DRAWINGS\05 ARCH\A-601.DWG

DOOR AND FRAME SCHEDULE																							
DOOR														GLASS		FRAME				LABEL	HARDWARE		NOTES
NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MATERIAL	LOU	DOOR SIDE LGT	TRA	MAT'L	WIDTH	JAMB	HEAD	SILL	ELEV		EXIT DEVICE	CLOSER							
C-113A	SINGLE	2	36 x 84	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
C-113B	SINGLE	2	36 x 84	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
C-114A	SINGLE	1	36 x 84	WD		---	---	---	HM	9 1/4"	J2	H2	---	HM1	---	---	---						
C-115A	SINGLE	1	36 x 84	WD		---	---	---	HM	9 1/4"	J2	H2	---	HM1	---	---	---						
C-116A	SINGLE	2	36 x 84	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
C-117A	SINGLE	1	36 x 84	WD	---	---	---	---	HM	9 1/4"	J2	H2	---	HM1	---	---	---						
C-118A	DOUBLE	2	PR 36 x 84	WD		A	---	---	EXIST HM	8 3/4"	EX	EX	EX	EX		YES	YES						
C-121A	DOUBLE	1	PR 36 x 84	WD		---	---	---	HM	8 3/4"	J2	H2	---	HM2	---	---	---						
C-122A	SINGLE	1	36 x 84	WD		---	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
C-123A	SINGLE	1	36 x 84	WD		---	---	---	EXIST HM	8 3/4"	EX	EX	EX	EX		---	---						
C-124A	SINGLE	2	36 x 86	WD		D	EX	---	EXIST HM	5 3/4"	EX	EX	EX	EX	---	---	12						
C-125A	SINGLE	1	36 x 84	WD		---	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
C-126A	DOUBLE	2	PR 36 x 84	AL		B	---	---	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF16	---	YES	1,2,4,5,6						
C-126B	DOUBLE	2	PR 36 x 84	WD		B	---	---	EXIST HM	8 3/4"	EX	EX	EX	EX	---	---	---						
C-126C	DOUBLE	2	PR 36 x 84	WD		B	---	---	EXIST HM	8 3/4"	EX	EX	EX	EX	---	---	---						
C-127A	DOUBLE	1	PR 36 x 84	WD		---	---	---	HM	8 3/4"	J2	H2	---	HM2	---	---	---						
C-128A	SINGLE	2	36 x 84	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
C-130A	DOUBLE	1	PR 36 x 84	WD		---	---	---	EXIST HM	4 1/2"	EX	EX	EX	EX	---	---	---						
D-101A	DOUBLE	3	PR 36 x 84	AL		C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF11	---	YES	1,2,4,5,6						
D-101B	DOUBLE	3	PR 36 x 84	AL		A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF11	---	DUMMY	---						
D-103A	SINGLE	1	36 x 84	WD		---	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-105A	SINGLE	1	36 x 84	WD		---	---	---	HM	8 3/8"	J2	H2	---	HM1	---	---	---						
D-106A	SINGLE	2	36 x 84	WD		A	---	---	HM	8 3/8"	J2	H2	---	HM1	---	---	---						
D-107A	SINGLE	2	36 x 86	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-107B	SINGLE	1	36 x 84	WD		---	---	---	HM	8 3/8"	J2	H2	---	HM1	---	---	9,10						
D-108A	SINGLE	2	36 x 86	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-109A	SINGLE	2	36 x 86	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-109B	SINGLE	1	36 x 84	WD		---	---	---	HM	8 3/8"	J2	H2	---	HM1	---	---	9,10						
D-110A	SINGLE	2	36 x 86	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-111A	SINGLE	2	36 x 86	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-111B	SINGLE	1	36 x 84	WD		---	---	---	HM	8 3/8"	J2	H2	---	HM1	---	---	9,10						
D-112A	DOUBLE	2	PR 40 x 84	WD		A	---	---	EXIST HM	8 3/4"	EX	EX	EX	EX	---	---	---						
D-112B	DOUBLE	2	PR 36 x 84	WD		A	---	---	EXIST HM	8 3/4"	EX	EX	EX	EX	---	---	---						
D-113A	SINGLE	2	36 x 84	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-113B	SINGLE	2	36 x 84	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-115A	SINGLE	1	42 x 84	WD		---	---	---	HM	10 3/4"	J2	H2	---	HM1	---	---	---						
D-118A	SINGLE	4	36 x 84	WD		A	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-118B	BORROWED LIGHT		40 x 48	---		A	---	---	HM	8 3/8"	J1	H1	S1	HM3	---	---	10						
D-119A	SINGLE	1	36 x 84	WD		---	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-120A	SINGLE	1	36 x 84	WD		---	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-121A	SINGLE	1	36 x 84	WD		---	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-122A	DOUBLE	2	PR 36 x 84	WD		---	---	---	HM	8 3/4"	J2	H2	---	HM2	---	YES	---						
D-122B	SINGLE	1	36 x 86	WD		---	---	---	HM	8 3/4"	J2	H2	---	HM1	---	---	---						
D-123A	SINGLE	1	40 x 84	AL		---	---	---	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF17	---	YES	1,2,4,6						
GENERAL DOOR NOTES																							
A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. REFER TO A800 SERIES DRAWINGS FOR WALL FINISHES.																							
B. SEAL, ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD.																							
C. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" x 3/4" x 1/8" ALUMINUM AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.																							
D. PROVIDE KEYS REMOVABLE MULLION.																							
E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING WALL THICKNESS AND FRAME DEPTH.																							
F. SHIELD SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.																							
G. FOR DOOR POSITION WITHIN WALL, REFER TO FRAME MOUNTING DETAIL 1-A602.																							
H. FOR ELECTRICAL ROUGH-IN AT DOORS REFER TO DETAIL 2-A602.																							
I. FOR HOLLOW METAL FRAME ELEVATIONS (HM) REFER TO 3-A602. FOR HOLLOW METAL (HM) FRAME PROFILES REFER TO 4-A602.																							
J. FOR ALUMINUM STOREFRONT ELEVATIONS (SF) REFER TO 1-A610 FOR STOREFRONT (SF) FRAME PROFILES REFER TO 2-A610.																							
K. GLASS NOTED IN SIDELIGHT COLUMN FOR STOREFRONT OR CURTAIN WALL FRAMES WITH NO DOOR APPLIES TO ALL OPENINGS IN FRAME UNLESS NOTED OTHERWISE.																							
L. REFER TO FLOOR PLANS FOR LOCATIONS OF ADA PUSH PADS FOR POWER ASSISTED OPERATORS.																							
DOOR SCHEDULE NOTES (REMARKS):																							
1. PANIC DEVICE TO HAVE ELECTRIC LATCH BOLT. PREPARE FRAME FOR ELECTRIFIED HINGE.																							
2. DOOR TO BE CONTROLLED BY CARD READER. REFER TO ELECTRICAL DRAWINGS FOR ROUGH IN.																							
3. DOOR TO BE CONTROLLED BY CARD READER AND FIRST RESPONDER CARD READER. REFER TO ELECTRICAL DRAWINGS FOR ROUGH IN.																							
4. PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC. REFER TO 3/A-610.																							
5. PROVIDE KEYS REMOVABLE MULLION.																							
6. PREPARE DOOR AND FRAME FOR DOOR POSITION SWITCH.																							
7. PROVIDE POWER ASSISTED OPERATOR ON ONE LEAF OF DOUBLE DOORS.																							
8. PROVIDE HOLD OPEN FOR EACH DOOR LEAF.																							
9. PROVIDE DROP SEAL, SOUND ABATING AND ADA COMPLIANT THRESHOLD																							
10. DOOR TO BE LOCKABLE FROM BOTH SIDES.																							
11. REMOVE AND REPLACE SIDELIGHT GLAZING.																							
12. REMOVE EXISTING WOOD DOOR PANEL IN LOWER PORTION OF SIDELIGHT AND INSTALL NEW WOOD DOOR PANEL TO MATCH NEW DOORS.																							



GIBRALTAR DESIGN C	SHEET A-703
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Thursday, 2/2/2023 - 3:16 PM - LAST SAVED BY: PDEGROTHY
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IMPROVEMENTS\21-109 DRAWINGS\05 ARCH\A-703.DWG

GENERAL EQUIPMENT PLAN NOTES:

- A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
B. FIELD VERIFY ALL DIMENSIONS.
C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK, REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.
D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.

EQUIPMENT PLAN LEGEND:

- ⊙ INDICATES CASEWORK ELEVATION SYMBOL — REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
----- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT).
----- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
(1 CG) INDICATES CORNER GUARD.
(TB) INDICATES 4" HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
(MB) INDICATES 4" HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
(TV) TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWING.
(RS) INDICATES ROLLER SHADE.

EQUIPMENT PLAN NOTES:

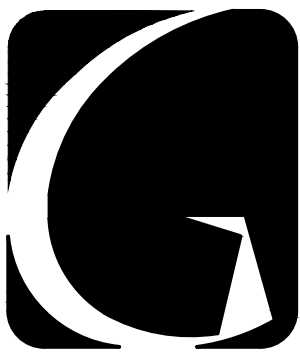
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

- 1 CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER).
2 ALTERNATE: BLEACHERS, REFER TO BLEACHER KEY NOTES.
3 FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT).
4 SAFETY CUSHION WAINSCOT.
5 EXISTING SCOREBOARD TO REMAIN
6 MAIN CURTAIN
7 VALANCE
8 CYCLORAMA CURTAIN
9 RECESSED PROJECTION SCREEN (ELECTRICALLY OPERATED).
10 PROVIDE FINISHED END PANEL ON EXISTING WALL CABINET, PL-1.
11 PROVIDE NEW PLASTIC LAMINATE COUNTERTOP ON EXISTING SHELVING, PL-2
12 PROVIDE FINISHED END PANEL ON EXISTING BASE CABINET, PL-1.
13 PROVIDE FINISHED END PANEL ON EXISTING TALL STORAGE CABINET, PL-1.
14 EXISTING PROJECTION SCREEN TO REMAIN.
15 EXISTING MARKER BOARD TO REMAIN.
16 EXISTING TACK BOARD TO REMAIN.
17 PROVIDE NEW SOLID SURFACE COUNTERTOP ON EXISTING CASEWORK, SS-2
18 TYPE A1 LOCKERS
19 TYPE A2 LOCKERS
20 TYPE B LOCKERS
21 TYPE C LOCKERS
22 TYPE D LOCKERS
23 TYPE E LOCKERS
24 SOAP DISPENSER (OFCI)
25 PAPER TOWEL DISPENSER (OFCI)
26 EXISTING LOCKERS TO REMAIN, REMOVE AND REINSTALL METAL LOCKER TRIM WHERE REQUIRED FOR INSTALLATION OF NEW GYPSUM BOARD.

OWNER FURNISHED EQUIPMENT

PLAN NOTES:

- 50 LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
51 COMPUTER/MONITOR, BY OWNER
52 PRINTER/COPIER, BY OWNER
53 REFRIGERATOR WITH ICE MAKER, BY OWNER
54 UNDER COUNTER REFRIGERATOR, BY OWNER
55 RANGE WITH HOOD, BY OWNER (PROVIDE 30" WIDE OPENING).
56 MICROWAVE, BY OWNER
57 COFFEE MAKER, BY OWNER
58 VENDING MACHINE, BY OWNER
59 CLOTHES WASHER, BY OWNER
60 CLOTHES DRYER, BY OWNER
61 KILN, BY OWNER, REFER TO MECHANICAL DRAWINGS FOR EXHAUST
62 TRASH RECEPTACLE, BY OWNER
63 CLINIC COTS, BY OWNER
64 DEMONSTRATION TABLE, BY OWNER
65 PIANO, BY OWNER
66 BED, BY OWNER
67 PAPER ROLL, BY OWNER
68 POSTER PRINTER, BY OWNER
69 PAPER CUTTER, BY OWNER
70 LAMINATOR, BY OWNER
71 BINDING MACHINE, BY OWNER
72 DIE CUT MACHINE, BY OWNER
73 WHEELCHAIR, BY OWNER
74 BINDING MACHINE, BY OWNER
75 DIE CUT MACHINE, BY OWNER
76 WHEELCHAIR, BY OWNER



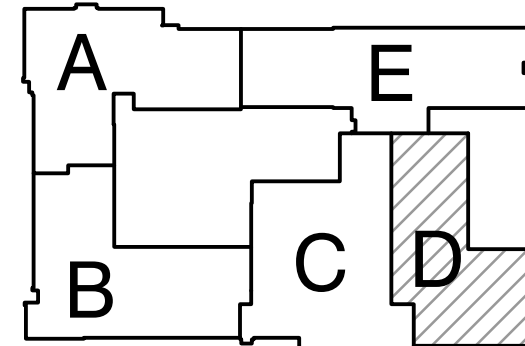
GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

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SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

GIBRALTAR DESIGN

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PROJECT

21-109

DATE

01/11/23

COORDINATED BY

GWT

DRAWN BY

EKM

CHECKED BY

NAS

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	01/26/23	ADDENDUM NO.1
AD-3	02/02/23	ADDENDUM NO.3

DRAWING

**UNIT "D" FIRST FLOOR
EQUIPMENT PLAN**

PROJECT

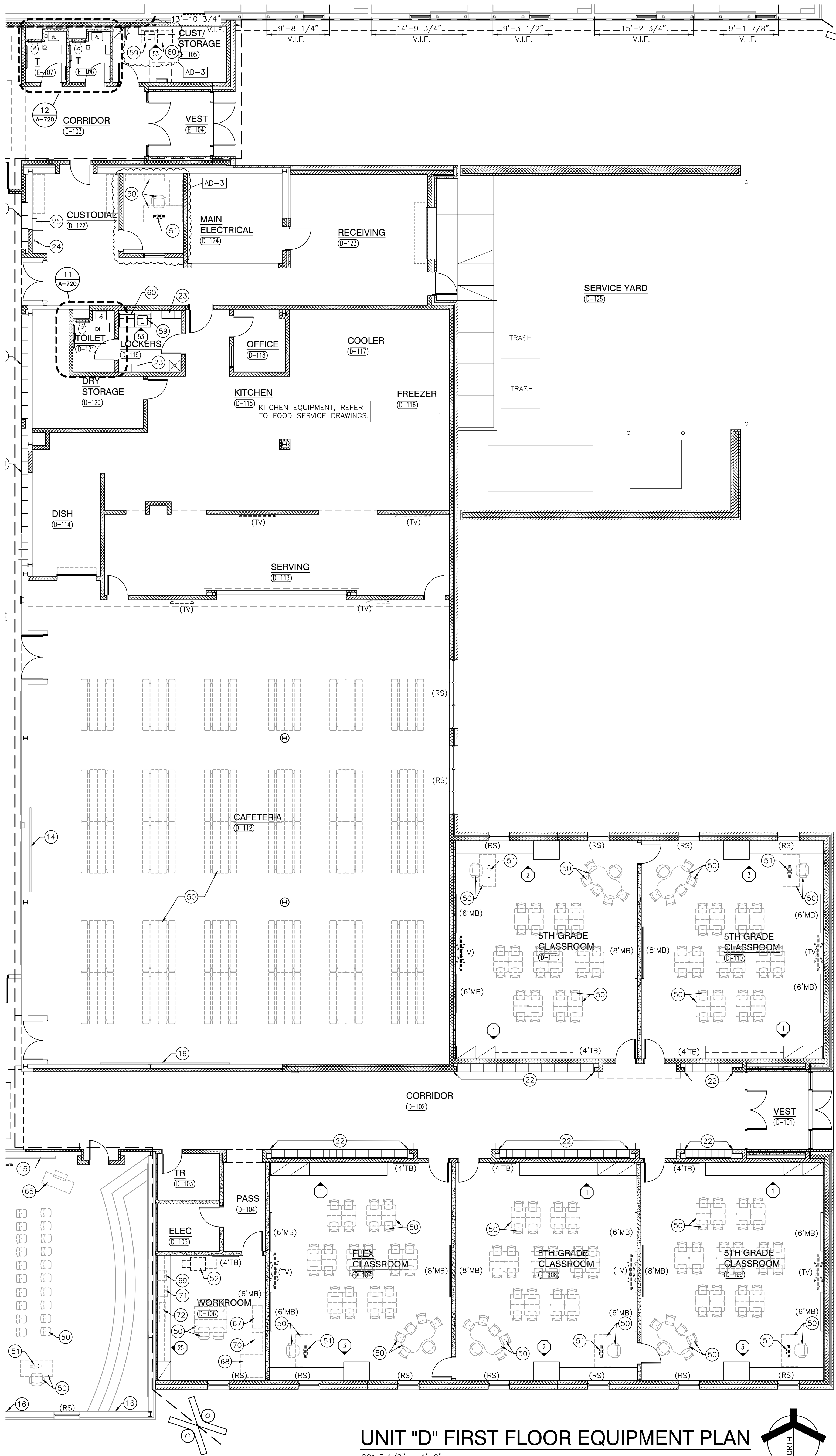
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SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK**

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SHEET

D

A-704



OWNER FURNISHED EQUIPMENT
PLAN NOTES:

- (50) LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
- (51) COMPUTER/MONITOR, BY OWNER
- (52) PRINTER/COPIER, BY OWNER
- (53) REFRIGERATOR WITH ICE MAKER, BY OWNER
- (54) UNDER COUNTER REFRIGERATOR, BY OWNER
- (55) RANGE WITH HOOD, BY OWNER (PROVIDE 30" WIDE OPENING).
- (56) MICROWAVE, BY OWNER
- (57) COFFEE MAKER, BY OWNER
- (58) VENDING MACHINE, BY OWNER
- (59) CLOTHES WASHER, BY OWNER
- (60) CLOTHES DRYER, BY OWNER
- (61) KILN, BY OWNER, REFER TO MECHANICAL DRAWINGS FOR EXHAUST
- (62) TRASH RECEPTACLE, BY OWNER
- (63) CLINIC COTS, BY OWNER
- (64) DEMONSTRATION TABLE, BY OWNER
- (65) PIANO, BY OWNER
- (66) BED, BY OWNER
- (67) PAPER ROLL, BY OWNER
- (68) POSTER PRINTER, BY OWNER
- (69) PAPER CUTTER, BY OWNER
- (70) LAMINATOR, BY OWNER
- (71) BINDING MACHINE, BY OWNER
- (72) DIE CUT MACHINE, BY OWNER
- (73) WHEELCHAIR, BY OWNER
- (74) BINDING MACHINE, BY OWNER
- (75) DIE CUT MACHINE, BY OWNER
- (76) WHEELCHAIR, BY OWNER

GENERAL EQUIPMENT PLAN NOTES:

- A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
- B. FIELD VERIFY ALL DIMENSIONS.
- C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK, REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.
- D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.

EQUIPMENT PLAN LEGEND:

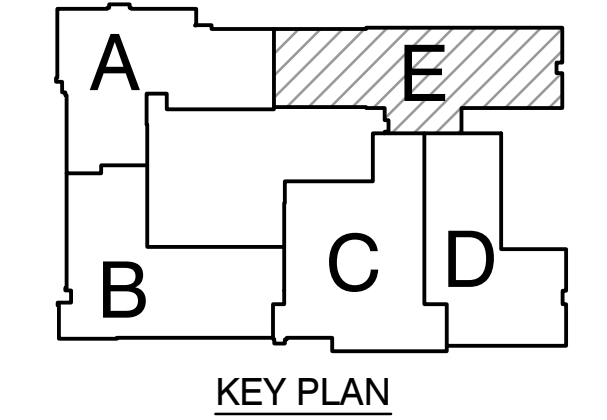
- INDICATES CASEWORK ELEVATION SYMBOL — REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT).
- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (1 CG) INDICATES CORNER GUARD.
- (TB) INDICATES 4" HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
- (MB) INDICATES 4" HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
- (TV) TELEVISION MONITOR, REFER TO TECHNOLOGY DRAWING.
- (RS) INDICATES ROLLER SHADE.

EQUIPMENT PLAN NOTES:

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)
- (1) CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER).
- (2) ALTERNATE: BLEACHERS, REFER TO BLEACHER KEY NOTES.
- (3) FORWARD FOLD GLASS BASKETBALL BACKSTOP AND SUPPORT FRAMING (MOTORIZED, ADJUSTABLE HEIGHT).
- (4) SAFETY CUSHION WAINSCOT.
- (5) EXISTING SCOREBOARD TO REMAIN
- (6) MAIN CURTAIN
- (7) VALANCE
- (8) CYCLOPAMA CURTAIN
- (9) RECESSED PROJECTION SCREEN (ELECTRICALLY OPERATED).
- (10) PROVIDE FINISHED END PANEL ON EXISTING WALL CABINET, PL-1.
- (11) PROVIDE NEW PLASTIC LAMINATE COUNTERTOP ON EXISTING SHELVING, PL-2
- (12) PROVIDE FINISHED END PANEL ON EXISTING BASE CABINET, PL-1.
- (13) PROVIDE FINISHED END PANEL ON EXISTING TALL STORAGE CABINET, PL-1.
- (14) EXISTING PROJECTION SCREEN TO REMAIN.
- (15) EXISTING MARKER BOARD TO REMAIN.
- (16) EXISTING TACK BOARD TO REMAIN.
- (17) PROVIDE NEW SOLID SURFACE COUNTERTOP ON EXISTING CASEWORK, SS-2
- (18) TYPE A1 LOCKERS
- (19) TYPE A2 LOCKERS
- (20) TYPE B LOCKERS
- (21) TYPE C LOCKERS
- (22) TYPE D LOCKERS
- (23) TYPE E LOCKERS
- (24) SOAP DISPENSER (OFCI)
- (25) PAPER TOWEL DISPENSER (OFCI)
- (26) EXISTING LOCKERS TO REMAIN, REMOVE AND REINSTALL METAL LOCKER TRIM WHERE REQUIRED FOR INSTALLATION OF NEW GYPSUM BOARD.



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CROWN POINT COMMUNITY SCHOOL CORPORATION
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PROJECT: 21-109
DATE: 01/11/23
COORDINATED BY: GWT
DRAWN BY: EKM
CHECKED BY: NAS

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REVISIONS	MARK	DATE	ISSUED FOR
AD-1	01/26/23	ADDENDUM NO.1	
AD-3	02/02/23	ADDENDUM NO.3	

DRAWING
UNIT "E" FIRST FLOOR EQUIPMENT PLAN

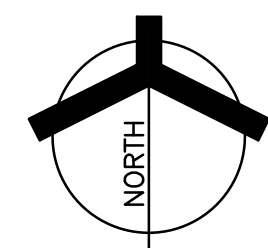
PROJECT
SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET
E A-705



UNIT "E" FIRST FLOOR EQUIPMENT PLAN

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



PLASTIC LAMINATE CASEWORK SCHEDULE

MARK	CATALOG NUMBER	WIDTH	DESCRIPTION
B1	10129	36"	24"D X 32"H 2 DOOR, ADJUSTABLE SHELF
B2	10129	42"	24"D X 29"H 2 DOOR, ADJUSTABLE SHELF
B3	10432	42"	24"D X 32"H 2 DOOR, 2 DRAWER, ADJUSTABLE SHELF
B4	10432	36"	24"D X 32"H 2 DOOR, 2 DRAWER, ADJUSTABLE SHELF
B5	10430	30"	24"D X 32"H 2 DOOR, 1 DRAWER, ADJUSTABLE SHELF
B6	10432	48"	24"D X 32"H 2 DOOR, 2 DRAWER, ADJUSTABLE SHELF
B7	10129	39"	24"D X 32"H 2 DOOR, ADJUSTABLE SHELF
B8	10129	39"	24"D X 32"H 2 DOOR, ADJUSTABLE SHELF
B9	10129	45"	24"D X 29"H 2 DOOR, ADJUSTABLE SHELF
B10	10129	39"	24"D X 29"H 2 DOOR, ADJUSTABLE SHELF
B11	10129	33"	24"D X 29"H 2 DOOR, ADJUSTABLE SHELF
B12	10129	45"	24"D X 29"H 2 DOOR, ADJUSTABLE SHELF
B13	10432	42"	24"D X 32"H 2 DOOR, 2 DRAWER, ADJUSTABLE SHELF
B14	10138	45"	24"D X 29"H OPEN SHELVES WITH CENTER DIVIDER
B15	10138	42"	24"D X 29"H OPEN SHELVES WITH CENTER DIVIDER
B16	10138	48"	24"D X 29"H OPEN SHELVES WITH CENTER DIVIDER
B17	10101	21"	24"D X 29"H OPEN SHELVES
B18	10120	24"	24"D X 32"H 1 DOOR, RIGHT HINGE, ADJUSTABLE SHELF
B19	10120	21"	24"D X 32"H 1 DOOR, RIGHT HINGE, ADJUSTABLE SHELF
B20	10120	18"	24"D X 32"H 1 DOOR, RIGHT HINGE, ADJUSTABLE SHELF
B21	10329	15"	24"D X 29"H 3 DRAWERS: 2 EQUAL, 1 FILE
B22	10339	18"	24"D X 32"H 3 DRAWERS: 2 EQUAL
B23	10339	21"	24"D X 32"H 3 DRAWERS: 2 EQUAL
B24	10332	18"	24"D X 35"H 3 EQUAL DRAWERS
SB1	10479	48"	24"D X 29"H FALSE FRONT, DOORS, REMOVABLE BACK
SB2	10479	33"	24"D X 35"H FALSE FRONT, DOORS, REMOVABLE BACK
SB3	10574	36"	24"D X 32"H ADA SINK BASE
SB4	10479	36"	24"D X 32"H FALSE FRONT, DOORS, REMOVABLE BACK
SB5	10576	48"	24"D X 32"H ADA SINK BASE
W1	16129	36"	14"D X 30"H 2 DOOR, ADJUSTABLE SHELVES
W2	16129	36"	14"D X 25"H 2 DOOR, ADJUSTABLE SHELF
W3	16129	30"	14"D X 30"H 2 DOOR, ADJUSTABLE SHELVES
W4	16129	30"	14"D X 18"H 2 DOOR
W5	16120	15"	14"D X 30"H 1 DOOR, RIGHT HINGE, ADJUSTABLE SHELVES
W6	16129	36"	14"D X 12"H 2 DOOR
W7	16294	36"	14"D X 30"H 2 DOOR, NARCOTICS LOCKER, FIXED SHELF
W8	16129	33"	14"D X 25"H 2 DOOR, ADJUSTABLE SHELF
W9	16129	30"	14"D X 25"H 2 DOOR, ADJUSTABLE SHELF
W10	16129	42"	14"D X 25"H 2 DOOR, ADJUSTABLE SHELF
W11	16129	48"	14"D X 25"H 2 DOOR, ADJUSTABLE SHELF
W12	16129	39"	14"D X 25"H 2 DOOR, ADJUSTABLE SHELF
W13	16129	33"	14"D X 30"H 2 DOOR, ADJUSTABLE SHELVES
W14	16120	24"	14"D X 30"H 1 DOOR, RIGHT HINGE, ADJUSTABLE SHELVES
W15	16121	24"	14"D X 25"H 1 DOOR, LEFT HINGE, ADJUSTABLE SHELF
W16	16120	18"	14"D X 25"H 1 DOOR, RIGHT HINGE, ADJUSTABLE SHELF
W17	16120	24"	14"D X 25"H 1 DOOR, RIGHT HINGE, ADJUSTABLE SHELF
W18	16120	21"	14"D X 25"H 1 DOOR, RIGHT HINGE, ADJUSTABLE SHELF
T1	26668	36"	24"D X 84"H, 2 DOOR, TEACHER WARDROBE
T2	26129	36"	24"D X 84"H, 2 DOOR, ADJUSTABLE SHELVES
T3	26129	42"	24"D X 84"H, 2 DOOR, ADJUSTABLE SHELVES
T4	26129	48"	24"D X 84"H, 2 DOOR, ADJUSTABLE SHELVES
T5	26121	24"	24"D X 84"H, 1 DOOR, LEFT HINGE, ADJUSTABLE SHELVES
T6	26120	24"	24"D X 84"H, 1 DOOR, RIGHT HINGE, ADJUSTABLE SHELVES
T7	26201	48"	24"D X 84"H, 1 DOOR, LEFT HINGE, BLIND CORNER, SHELVES
T8	26200	48"	24"D X 84"H, 1 DOOR, RIGHT HINGE, BLIND CORNER, SHELVES
L1	62012	24"	18"D X 49"H 2 UNITS
L2	62013	36"	18"D X 49"H 3 UNITS
L3	62014	48"	18"D X 49"H 4 UNITS
M1	16251	42"	14"D X 42"H MAILBOX, 33 COMPARTMENTS

GENERAL NOTES (APPLIES TO PLASTIC LAMINATE CASEWORK)

- REFER TO EQUIPMENT PLANS FOR CASEWORK LOCATIONS AND FINISH LEGEND IN "A-800" SERIES DRAWINGS FOR FINISH INFORMATION. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- FOR SCHEDULING PURPOSES ONLY. MODEL NUMBERS ARE TAKEN FROM STEVENS INDUSTRIES, INC. (UNLESS NOTED OTHERWISE) AND ARE FOR CABINET REQUIREMENTS ONLY. SEE SPECIFICATIONS FOR CABINET CONSTRUCTION METHODS.
- VERIFY ALL PLAN AND CASEWORK DIMENSIONS WITH CASEWORK MANUFACTURER.
- ALL COUNTERTOPS TO BE PLASTIC LAMINATE WITH 4" HIGH PLASTIC LAMINATE BACKSPLASH AND/OR ENDSPLASH AT ALL LOCATIONS WHERE COUNTERTOP MEETS ADJACENT SURFACE (UNLESS NOTED OTHERWISE).
- PROVIDE 3MM PVC EDGE ON ALL PLASTIC LAMINATED COUNTERTOPS AND BACKSPLASHES AND 1MM PVC EDGE ON ALL PLASTIC LAMINATED ENDSPLASHES.
- PROVIDE A 4" HIGH TOE SPACE ON ALL BASE AND FULL HEIGHT CABINETS.
- ALL EXPOSED CASEWORK SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINERY (UNLESS NOTED OTHERWISE).
- ALL EXPOSED CASEWORK ENDS SHALL BE FINISHED TO MATCH CASEWORK FRONTS.
- PROVIDE CONTINUOUS PLASTIC LAMINATE SLOPED TOPS ON ALL WALL AND FULL HEIGHT CABINETS (UNLESS OTHERWISE NOTED).
- FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD. CASEWORK MANUFACTURER / INSTALLER SHALL PROVIDE ALL FILLERS AND SCRIBES AS REQUIRED FOR A COMPLETE AND FINISHED CASEWORK INSTALLATION.
- PROVIDE LOCKS ON ALL CABINET DRAWERS AND DOORS, KEYED ALIKE BY ROOM.
- ALL ADJOINING CABINETS SHALL BE ALIGNED.
- WHERE CASEWORK REQUIRES SHIMMING, PROVIDE ONLY APPROVED METAL SHIMS.
- CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.
- PROVIDE JOINT SEALANT AT ALL JUNCTIONS OF CASEWORK / COUNTERTOPS WITH ADJACENT WALL OR CASEWORK.
- PROVIDE 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES. BY FLOORING INSTALLER.
- REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS AND LOCATIONS.
- REFER TO PLUMBING DRAWINGS AND SCHEDULES FOR FIXTURE TYPES AND LOCATIONS. REFER TO PLUMBING DRAWINGS FOR PLUMBING CONNECTIONS.
- ALL CUTTING, DRILLING AND PATCHING OF CASEWORK AND COUNTERTOPS AS REQUIRED FOR INSTALLATION OF PIPING OR CONDUIT SHALL BE BY CASEWORK MANUFACTURER / INSTALLER.
- REFER TO "G" SERIES SHEETS FOR MOUNTING HEIGHTS OF EQUIPMENT AND ACCESSORIES.

KEY NOTES (APPLIES TO PLASTIC LAMINATE CASEWORK)

- WALL LINE
- SLOPED TOP (CONTINUOUS)
- 25"D COUNTERTOP WITH 4" BACKSPLASH AND SIDESPLASH UNLESS NOTED OTHERWISE
- 25"D COUNTERTOP
- WINDOW, REFER TO FLOOR PLANS
- 4" TOE SPACE WITH VINYL BASE BY FLOORING INSTALLER
- KNEE SPACE
- FINISHED BACK/END PANEL
- FILLER PANEL FINISHED TO MATCH FACE OF CABINETS.
- REFRIGERATOR, BY OWNER
- UNDER COUNTER REFRIGERATOR, BY OWNER
- PAPER TOWEL DISPENSER (OFCI)
- SOAP DISPENSER (OFCI)
- VERTICAL UNIT VENTILATOR
- SINK, REFERENCE PLUMBING DRAWINGS
- FURNITURE, BY OWNER
- MICROWAVE, BY OWNER
- RANGE WITH HOOD, BY OWNER
- COFFEE MAKER, BY OWNER
- CLOTHES DRYER, BY OWNER
- CLOTHES WASHER, BY OWNER
- VENDING MACHINE, BY OWNER

DRAWING PLASTIC LAMINATE CASEWORK SCHEDULE AND ELEVATIONS

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

GIBRALTAR DESIGN

SHEET

A-731



GIBRALTAR
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT

21-109

DATE

01/11/23

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EKM

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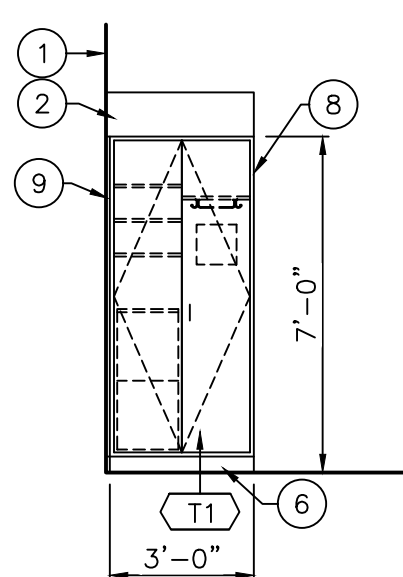
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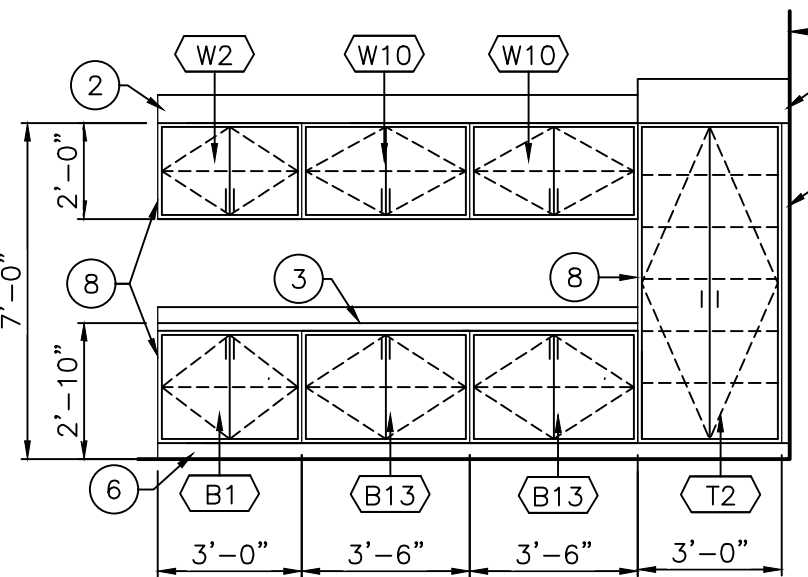
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MARK DATE ISSUED FOR

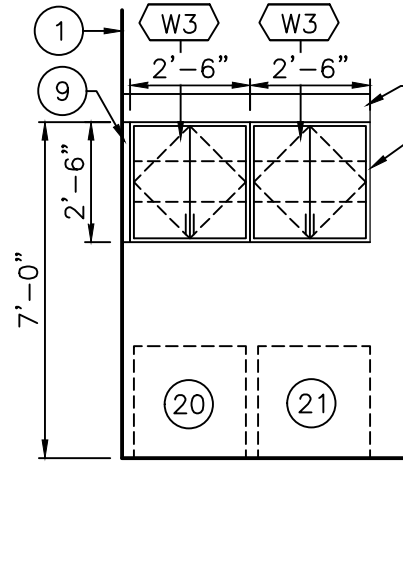
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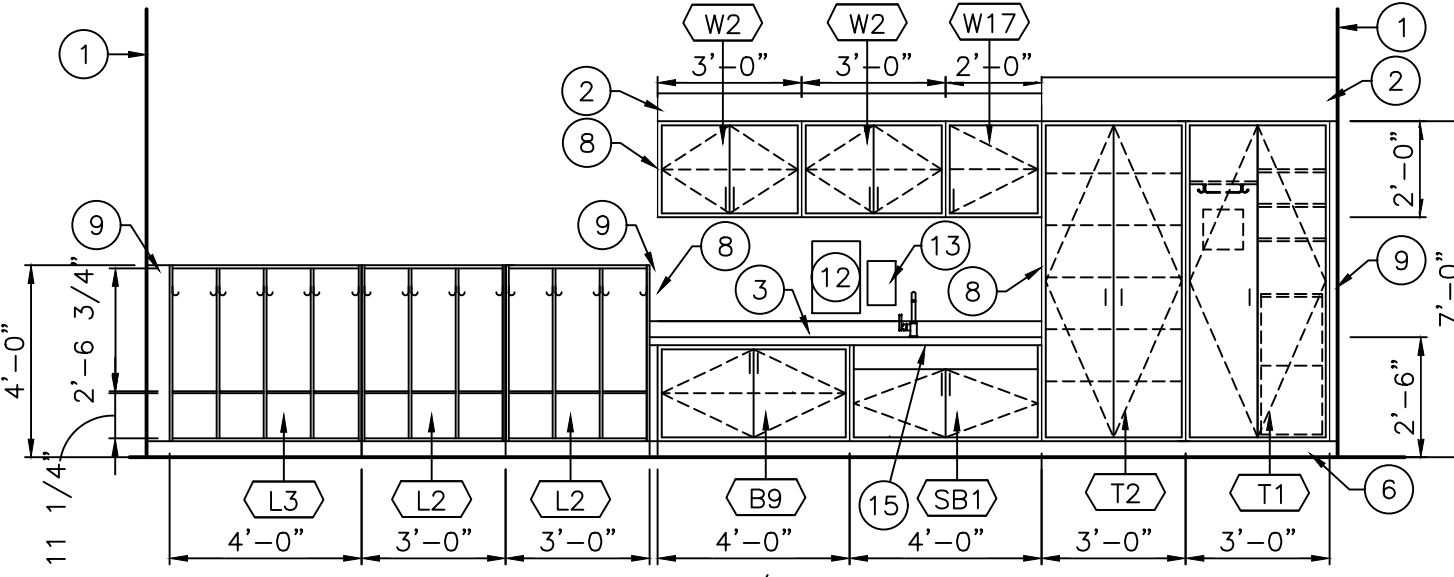
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ROOM: B-128



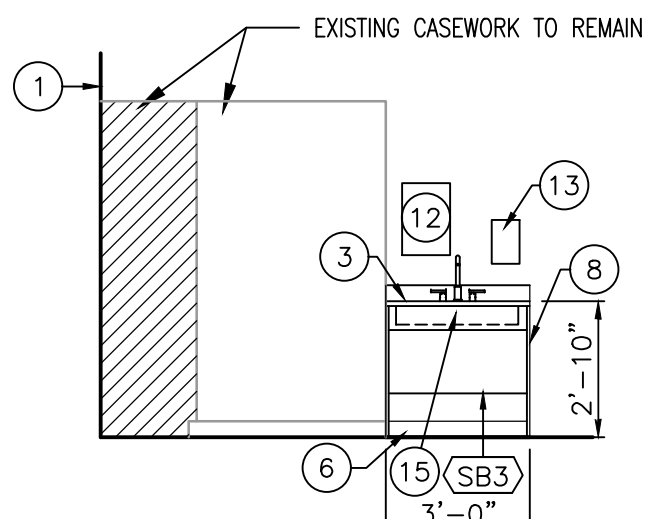
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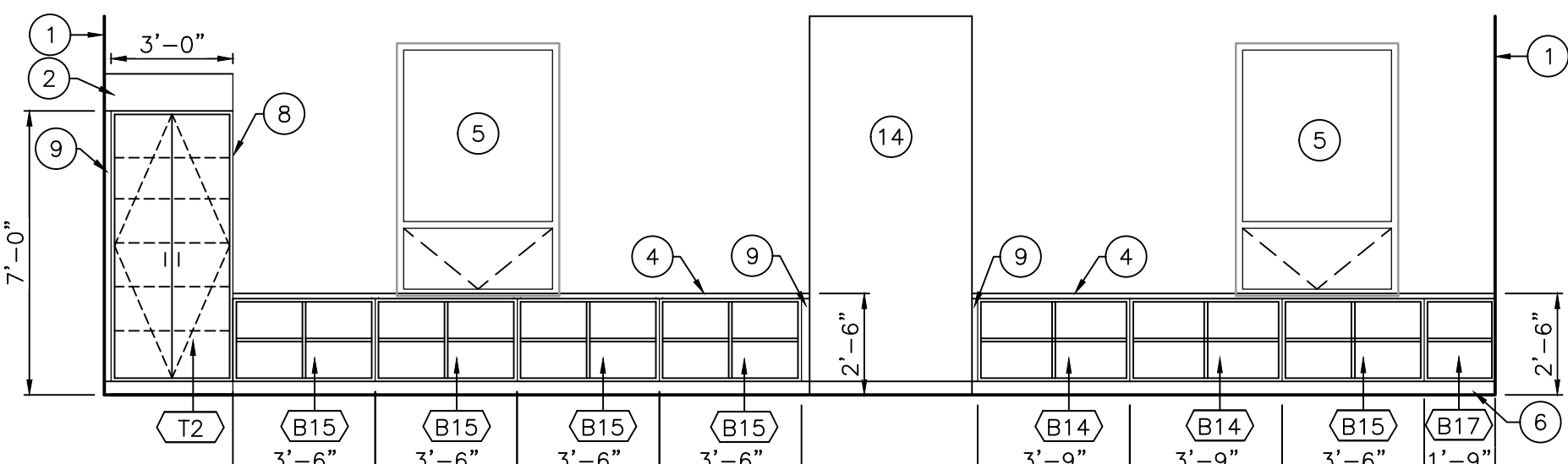
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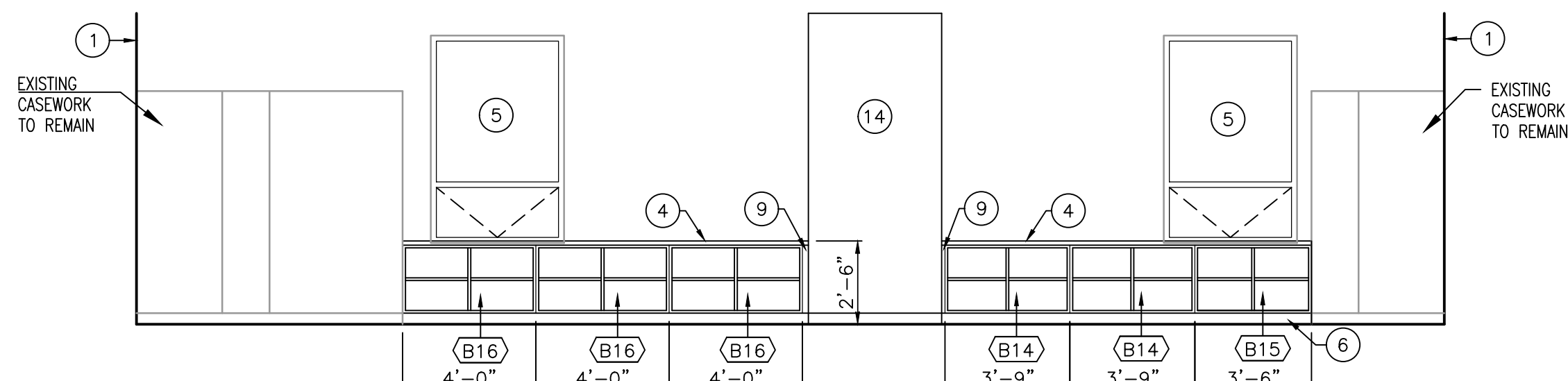
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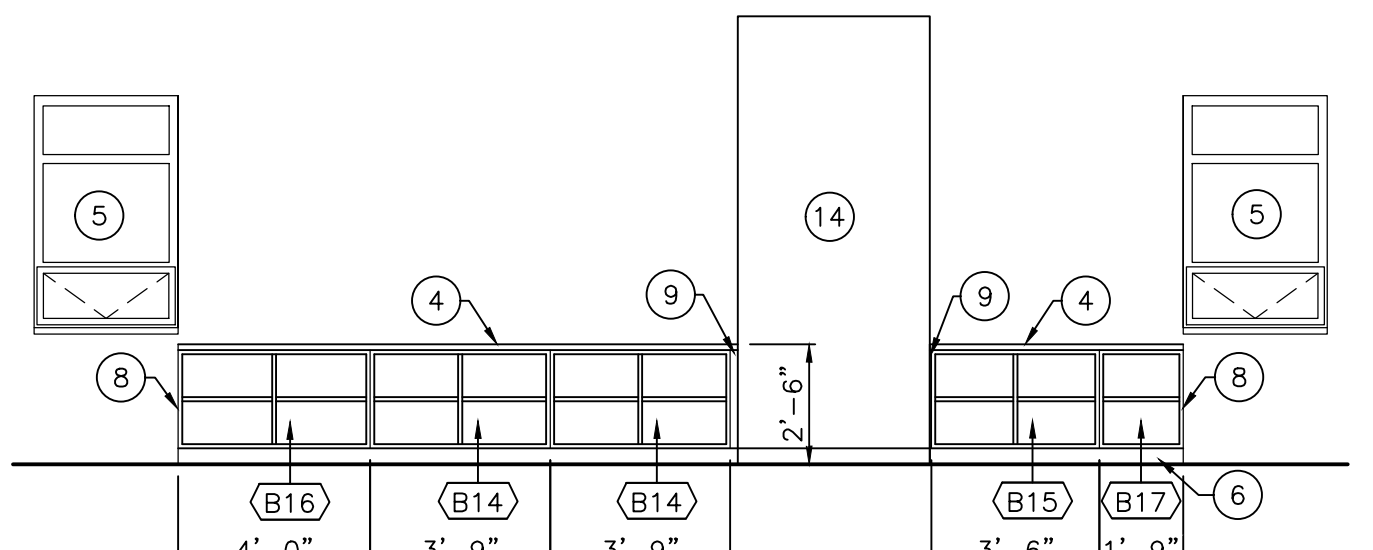
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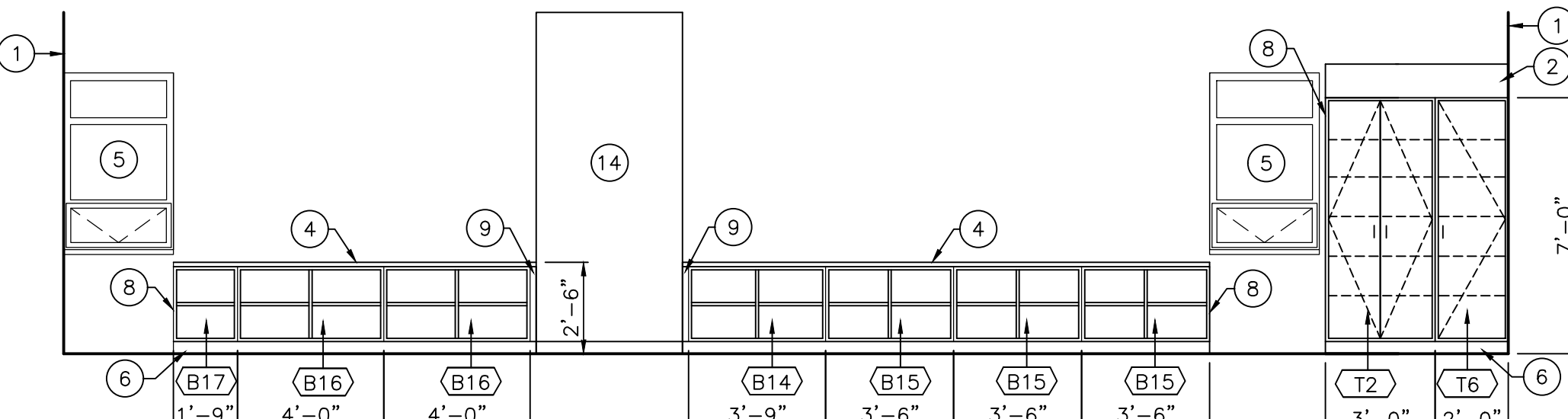
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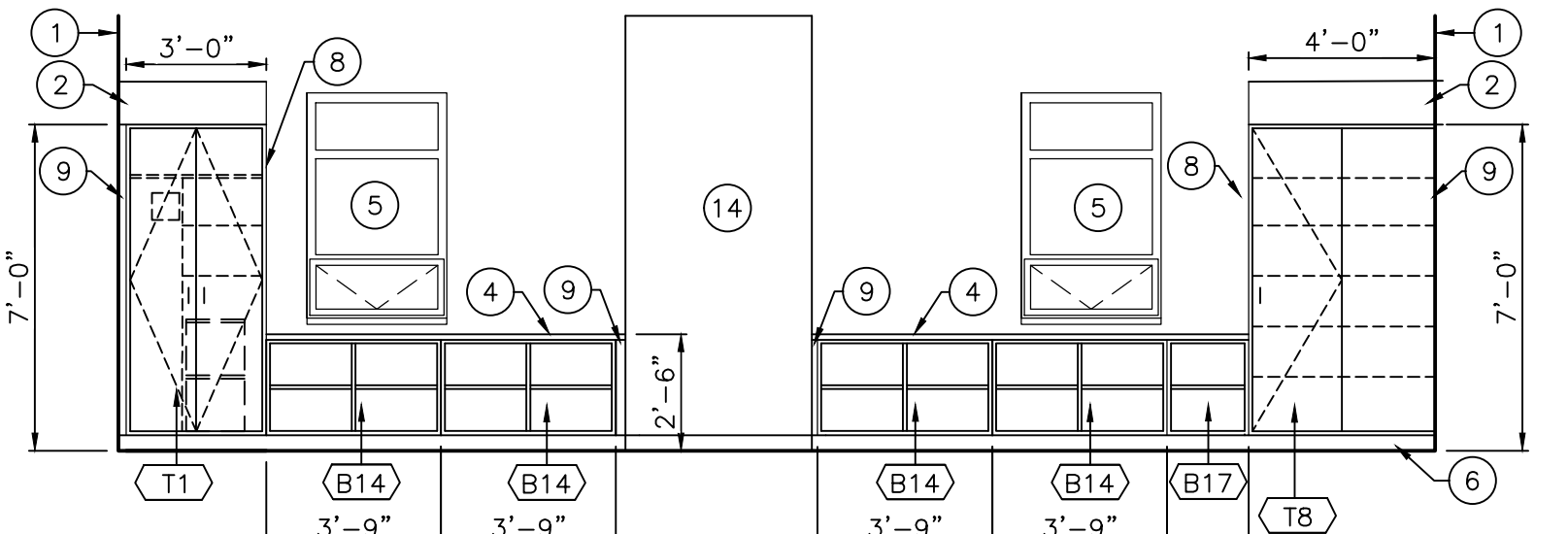
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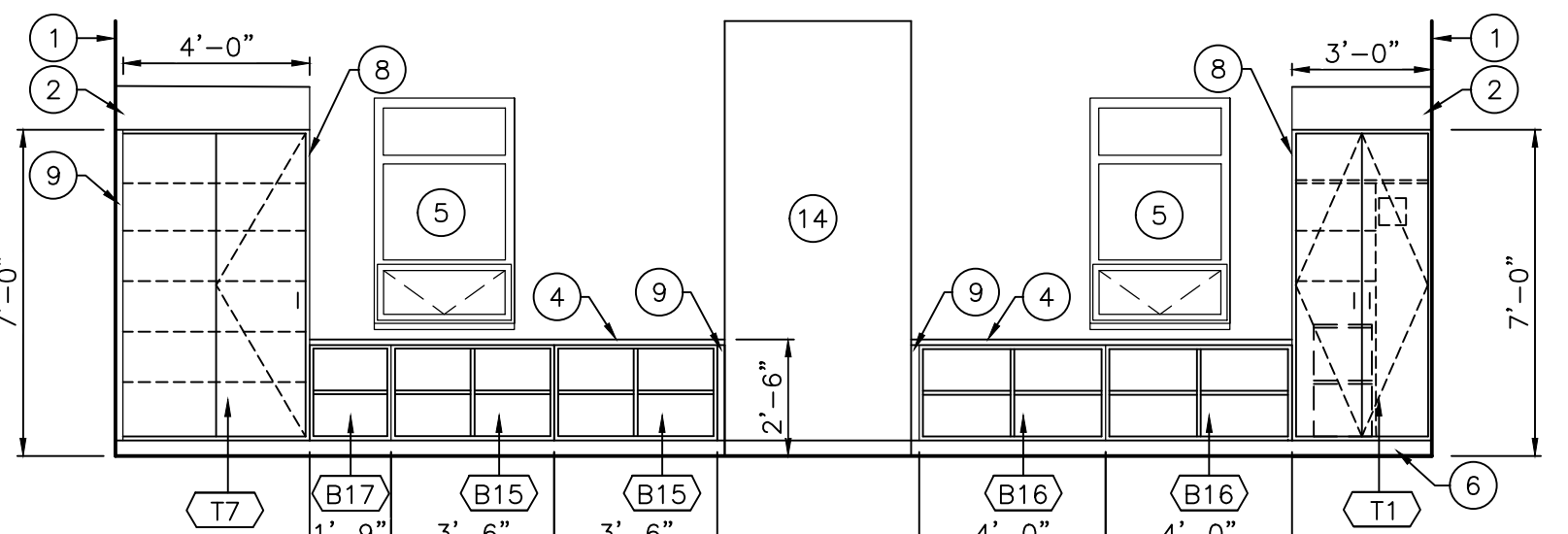
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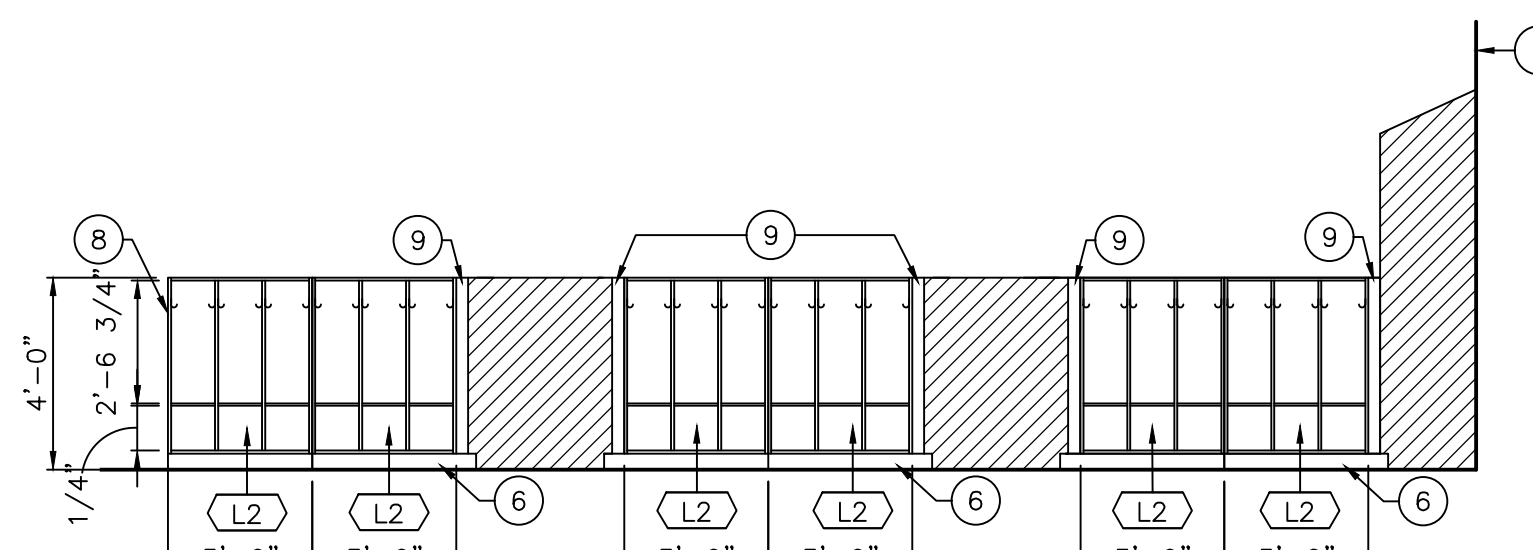
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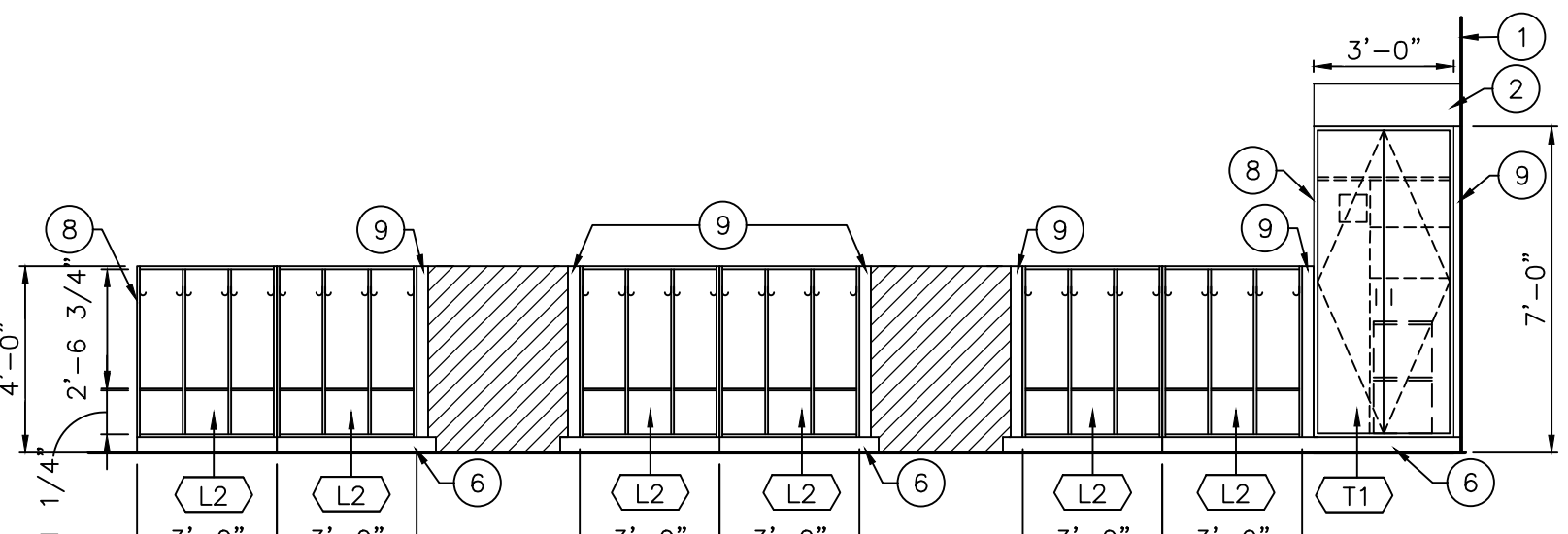
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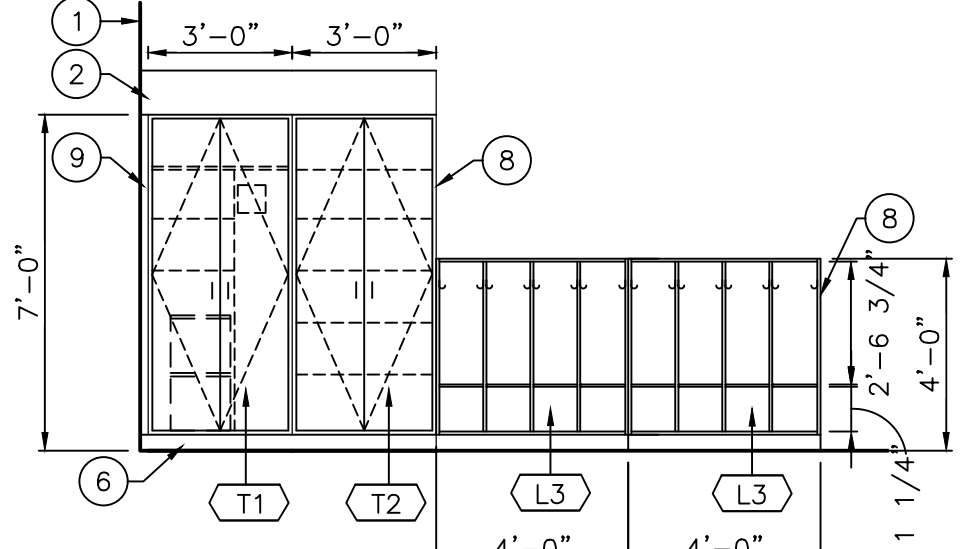
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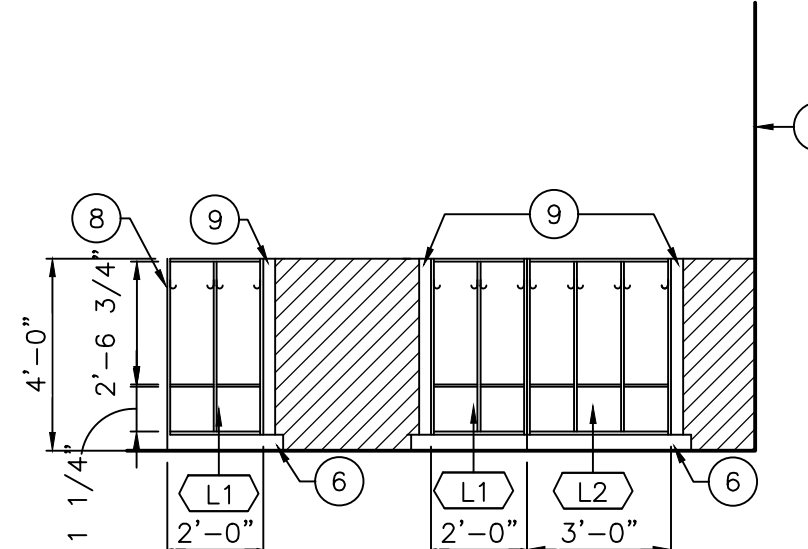
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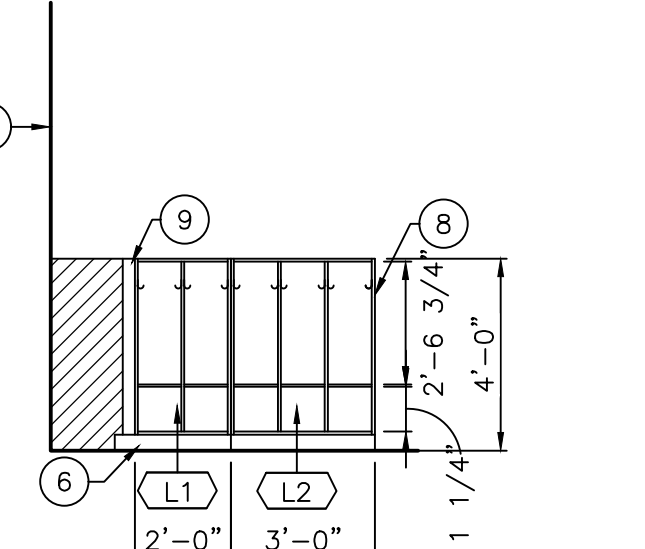
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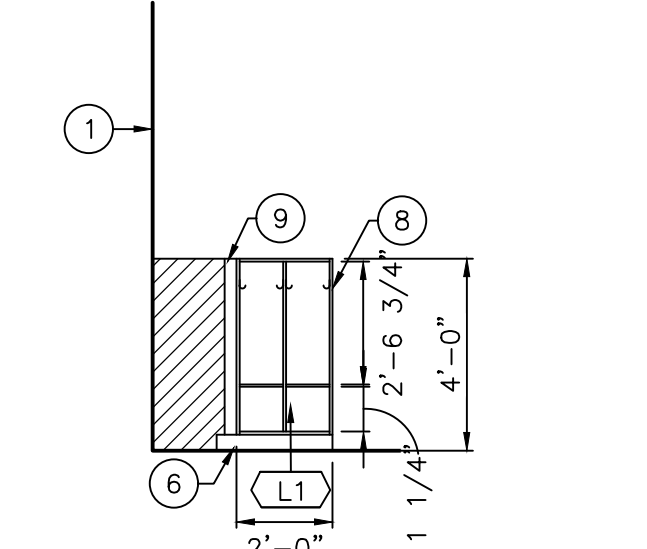
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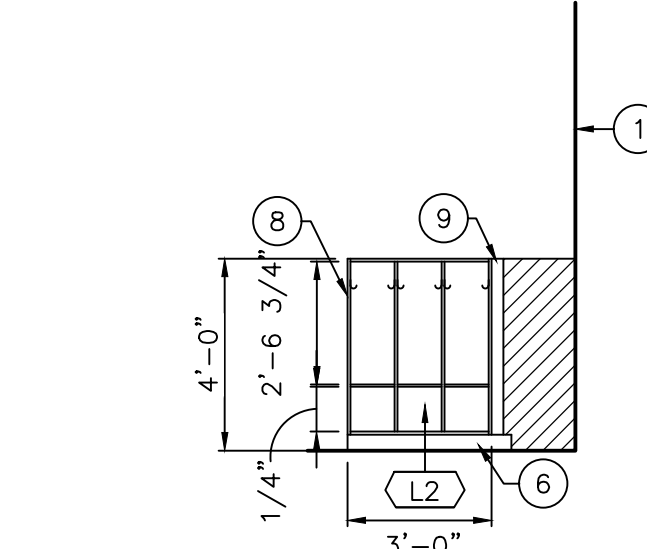
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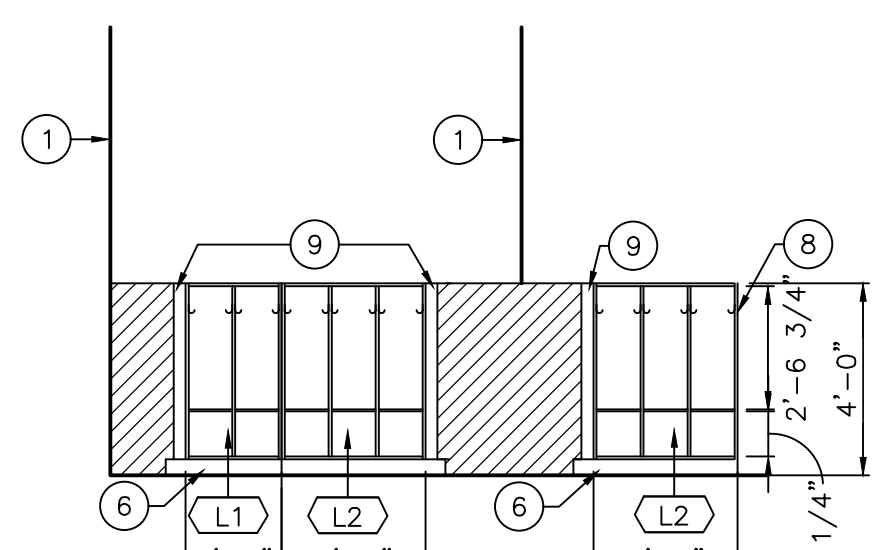
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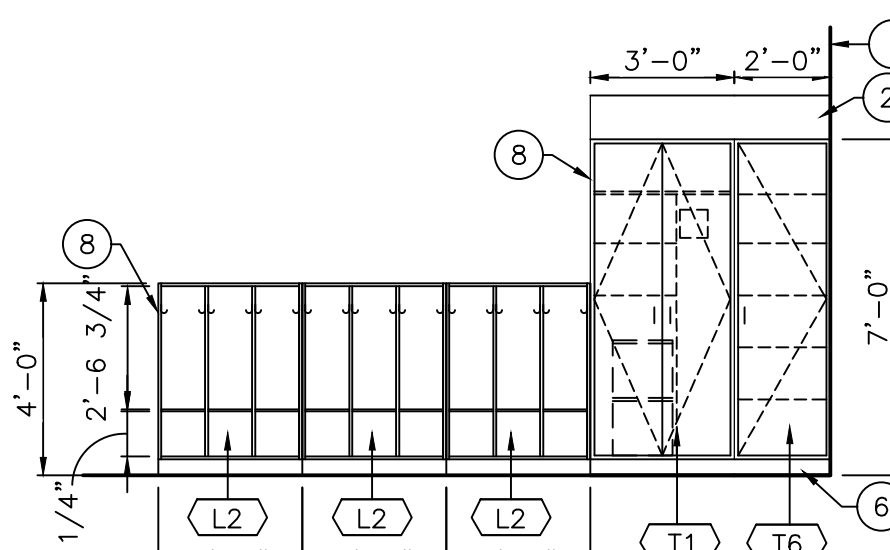
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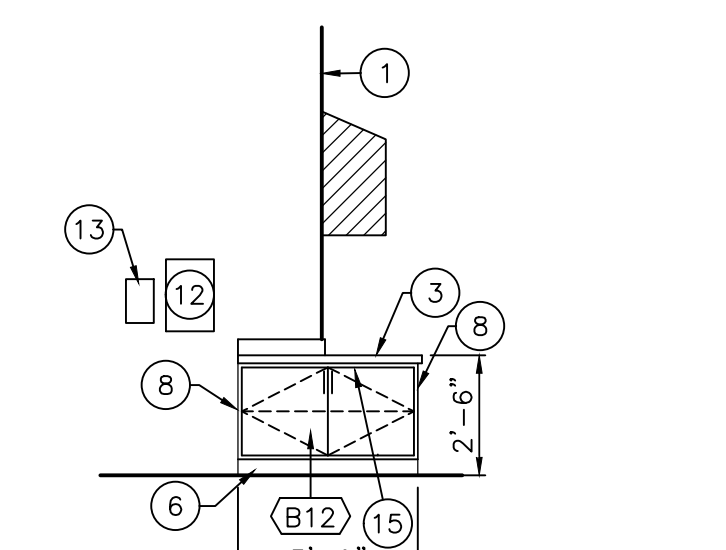
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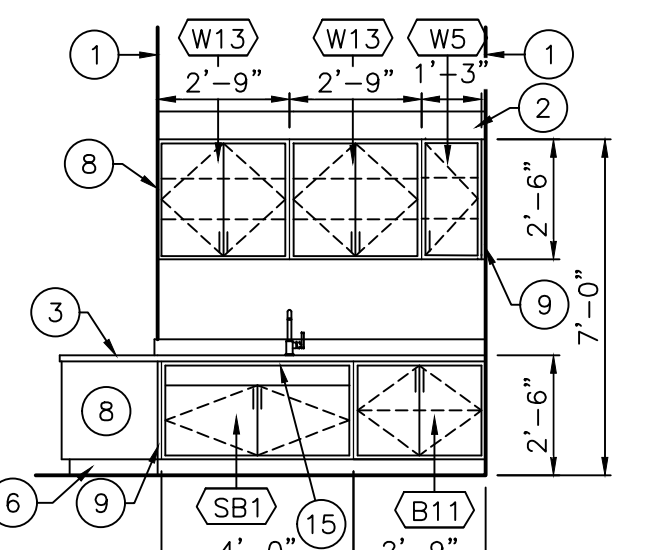
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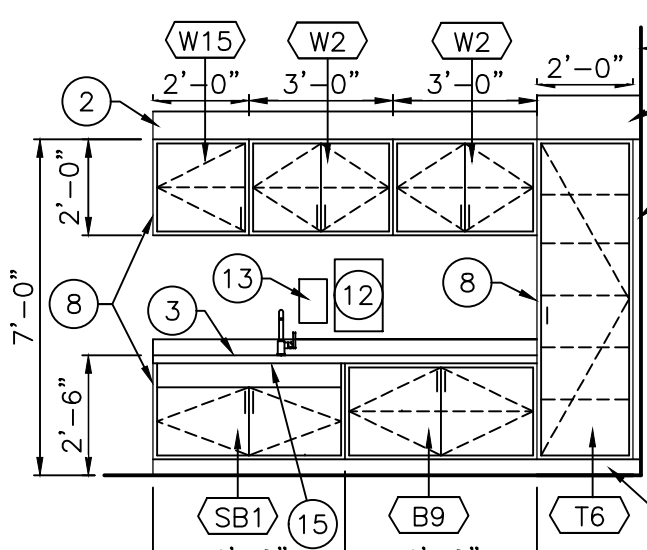
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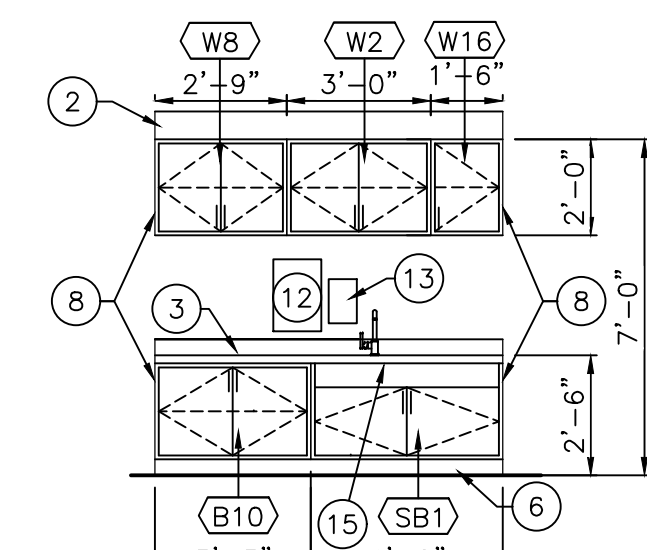
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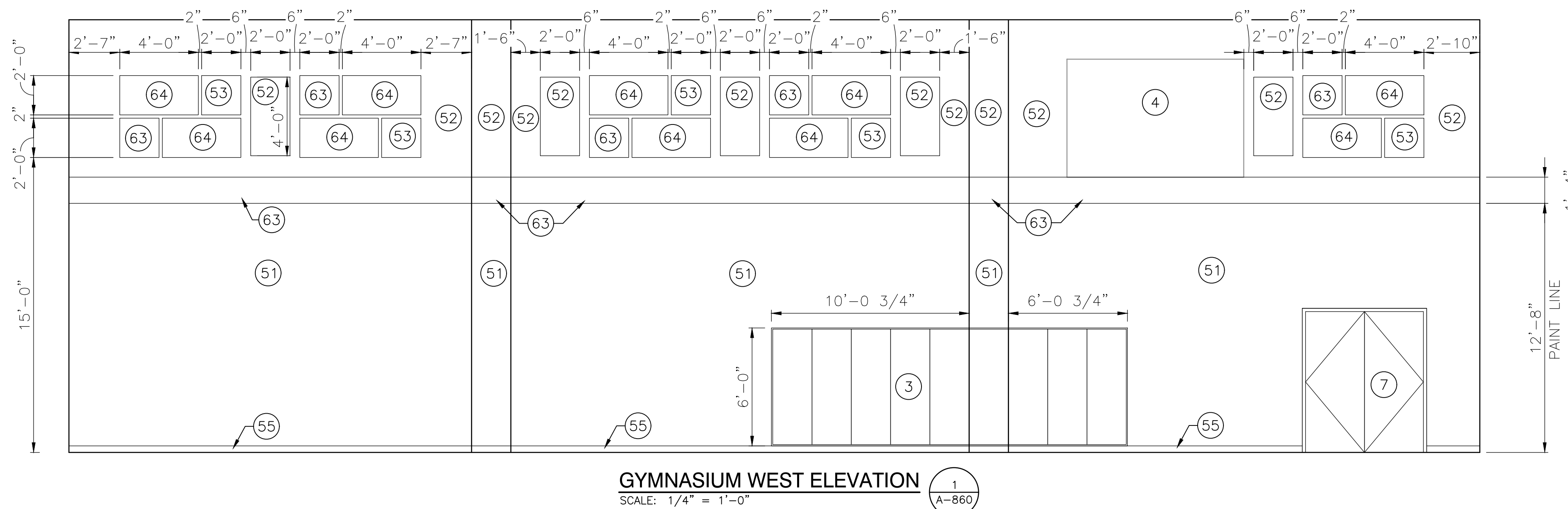
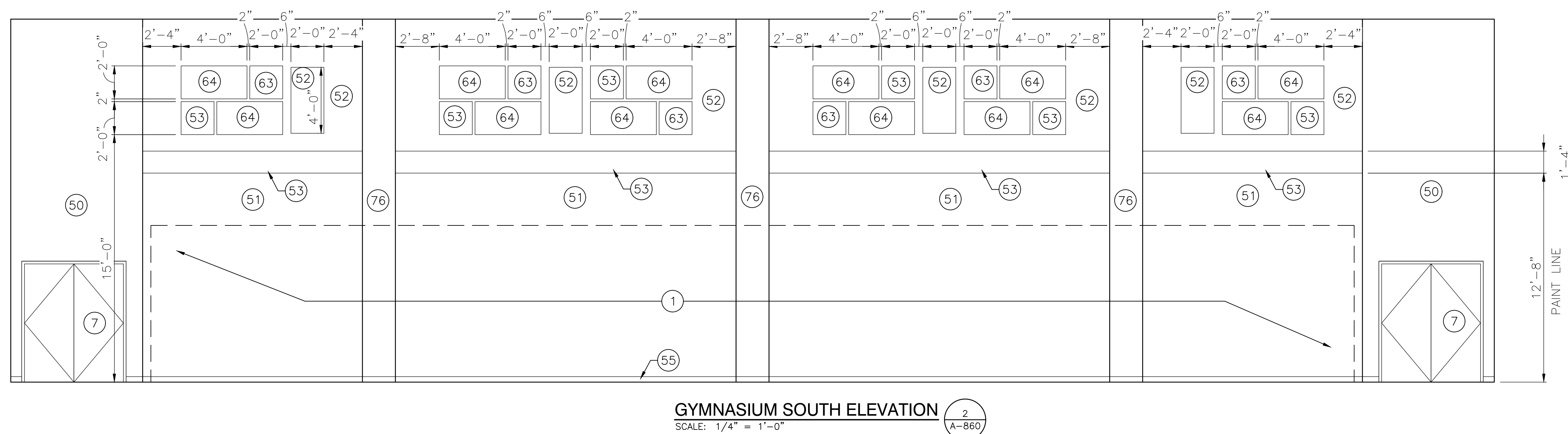
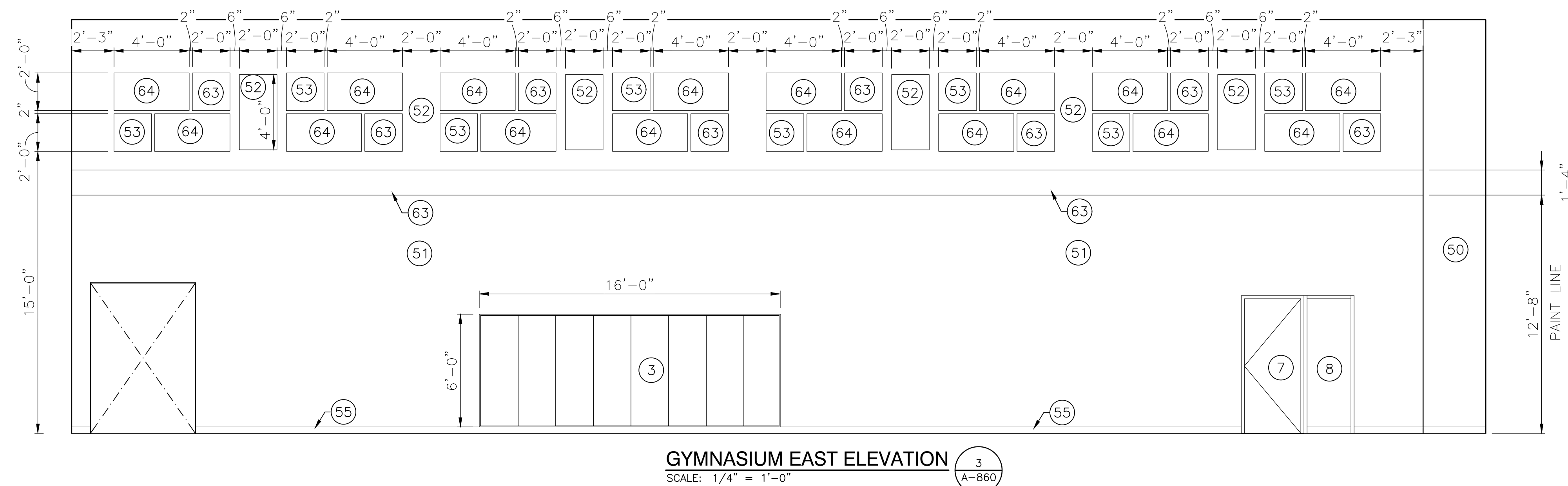
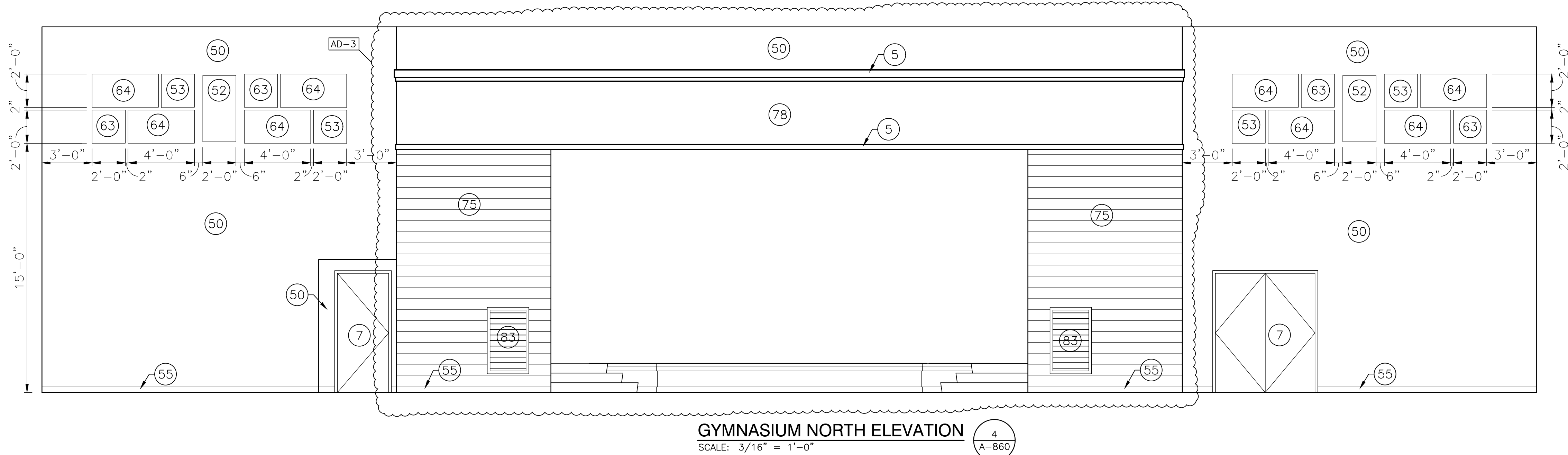
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ELEVATION WALL/TALL CABINETS: PL3
SCALE: 1/4"=1'-0"
ROOM: A-142



ELEVATION WALL CABINETS: PL3
SCALE: 1/4"=1'-0"
ROOM: A-142



GENERAL INTERIOR ELEVATION NOTES:

- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
- C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT AT SUBSTRATES; IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT IMMEDIATELY. IF THE SITUATION REGARDING THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE, NO CHANGE ORDER WILL BE ISSUED TO "RECTIFY" CONVECTED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- E. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC., THAT ARE TO BE PAINTED, SHALL BE PAINTED WITH ALKID TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- F. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A MAXIMUM LEAKAGE RATE OF 0.05 PER MINUTE, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER CBC SECTION 803.

INTERIOR ELEVATION NOTES:

(ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS PLAN)

- ① BLEACHERS, REFER TO EQUIPMENT PLANS.
- ② NOT USED.
- ③ SAFETY CUSHION WAINSCOT, REFER TO EQUIPMENT PLANS.
- ④ EXISTING SCOREBOARD TO REMAIN.
- ⑤ FINISHED WOOD TRIM.
- ⑥ EXISTING TACKBOARD TO REMAIN.
- ⑦ DOOR
- ⑧ TRANSLUCENT WALL PANEL.

INTERIOR ELEVATION FINISH NOTES:

(ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS PLAN)

- 50 WALLCOATING, W1
- 51 WALLCOATING, W6
- 52 PAINT, P1
- 53 PAINT, P3
- 54 WALL BASE, B1
- 55 WALL BASE, B2
- 56 EPOXY BASE, EB1
- 57 WALL COVERING, WC1
- 58 PAINT, P2
- 59 SCHLUTER TRIM, OUTSIDE CORNER OR END OF TILE RUN
- 60 ACOUSTICAL PANEL, SP-AMP4, PAINT P5 BEHIND PANEL
- 61 PAINT, P4
- 62 ALTERNATE: ACOUSTICAL PANEL, FW-AWP1
- 63 PAINT, P5
- 64 PAINT, P6
- 65 ALTERNATE: ACOUSTICAL PANEL, SP-AWP1A
- 66 ALTERNATE: ACOUSTICAL PANEL, SP-AWP1B
- 67 ALTERNATE: ACOUSTICAL PANEL, SP-AWP1C
- 68 ALTERNATE: ACOUSTICAL PANEL, SP-AWP2A
- 69 ALTERNATE: ACOUSTICAL PANEL, SP-AWP2B
- 70 ALTERNATE: ACOUSTICAL PANEL, SP-AWP2C
- 71 ALTERNATE: ACOUSTICAL PANEL, SP-AWP3A
- 72 ALTERNATE: ACOUSTICAL PANEL, SP-AWP3B
- 73 ALTERNATE: ACOUSTICAL PANEL, SP-AWP3C
- 74 ALTERNATE: ACOUSTICAL PANEL, SP-AWP2D
- 75 WALLCOATING, W4
- 76 WALLCOATING, W5
- 77 WALL TILE, WT1
- 78 PAINT, P8
- 79 SCHLUTER TRIM, ON TOP OF WALL BASE.
- 80 1" REVEAL MOLD
- 81 V JOINT
- 82 EPOXY BASE, EB2
- 83 RETURN AIR GRILL

INTERIOR ELEVATION FINISH LEGEND:

-

BRICK & STONE TYPE NOTES:

- (A1) FACE BRICK (TYPE A1) COLOR A - 1/2 RUNNING BOND - STANDARD MODULAR SIZE



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PROJECT

SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN

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PROJECT 21-109 DATE 01/11/23 COORDINATED BY GWT DRAWN BY EKM CHECKED BY NAS	
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DRAWING
INTERIOR ELEVATIONS

PROJECT
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A-860



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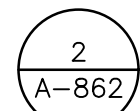
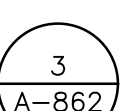
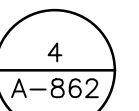
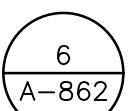
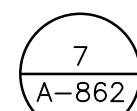
- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN FINISHES, EQUIPMENT FINISHES, REFLECTED CEILING FINISHES AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
- C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL WORK AREAS AND IF ANY DEFECTS ARE OBSERVED, THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CORRECT THE AREA WITH THE DESIGNER'S PERMISSION. PRIOR TO THE INSTALLATION OF FINISHES IT SHALL BE CONSIDERED THAT THE DESIGNER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY COLORED, OR UNSATISFACTORY SUBSTRATE ONCE ACCEPTANCE HAS BEEN OBTAINED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND INSTRUCTIONS. CONTRACTOR SHALL BE RESPONSIBLE FOR THE SAME.
- E. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC, THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKID TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- F. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FIRE RATING AND RATIO OF 75 MINUTE AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM PER TEST METHOD 803.

- 1 BLEACHERS, REFER TO EQUIPMENT PLANS.
- 2 NOT USED.
- 3 SAFETY CUSHION WAINSCOT, REFER TO EQUIPMENT PLANS.
- 4 EXISTING SCOREBOARD TO REMAIN.
- 5 FINISHED WOOD TRIM.
- 6 EXISTING TACKBOARD TO REMAIN.
- 7 DOOR
- 8 TRANSLUCENT WALL PANEL.

- 50 WALLCOATING, W1
- 51 WALLCOATING, W6
- 52 PAINT, P1
- 53 PAINT, P3
- 54 WALL BASE, B1
- 55 WALL BASE, B2
- 56 EPOXY BASE, EB1
- 57 WALL COVERING, WC1
- 58 PAINT, P2
- 59 SCHLUTER TRIM, OUTSIDE CORNER OR END OF TILE RUN
- 60 ACoustICAL PANEL, SP-APW4, PAINT P5 BEHIND PANEL
- 61 PAINT, P4
- 62 ALTERNATE: ACoustICAL PANEL, FW-APW1
- 63 PAINT, P5
- 64 PAINT, P6
- 65 ALTERNATE: ACoustICAL PANEL, SP-APW1A
- 66 ALTERNATE: ACoustICAL PANEL, SP-APW1B
- 67 ALTERNATE: ACoustICAL PANEL, SP-APW1C
- 68 ALTERNATE: ACoustICAL PANEL, SP-APW2A
- 69 ALTERNATE: ACoustICAL PANEL, SP-APW2B
- 70 ALTERNATE: ACoustICAL PANEL, SP-APW2C
- 71 ALTERNATE: ACoustICAL PANEL, SP-APW3A
- 72 ALTERNATE: ACoustICAL PANEL, SP-APW3B
- 73 ALTERNATE: ACoustICAL PANEL, SP-APW3C
- 74 ALTERNATE: ACoustICAL PANEL, SP-APW2D
- 75 WALLCOATING, W4
- 76 WALLCOATING, W5
- 77 WALL TILE, WT1
- 78 PAINT, PB
- 79 SCHLUTER TRIM, ON TOP OF WALL BASE.
- 80 1" REVEAL MOLD
- 81 V JOINT
- 82 EPOXY BASE, EB2
- 83 RETURN AIR GRILL

(A1) FACE BRICK (TYPE A1) COLOR A - 1/2 RUNNING BOND - STANDARD MODULAR SIZE

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Thursday, 2/2/2023 - 11:05 AM - LAST SAVED BY:EMCQUEEN
Y:\21-109 CROWN POINT CSC - ROBINSON ES
IMPROVEMENTS\21-109 DRAWINGS\05 ARCH\A-862.DWG



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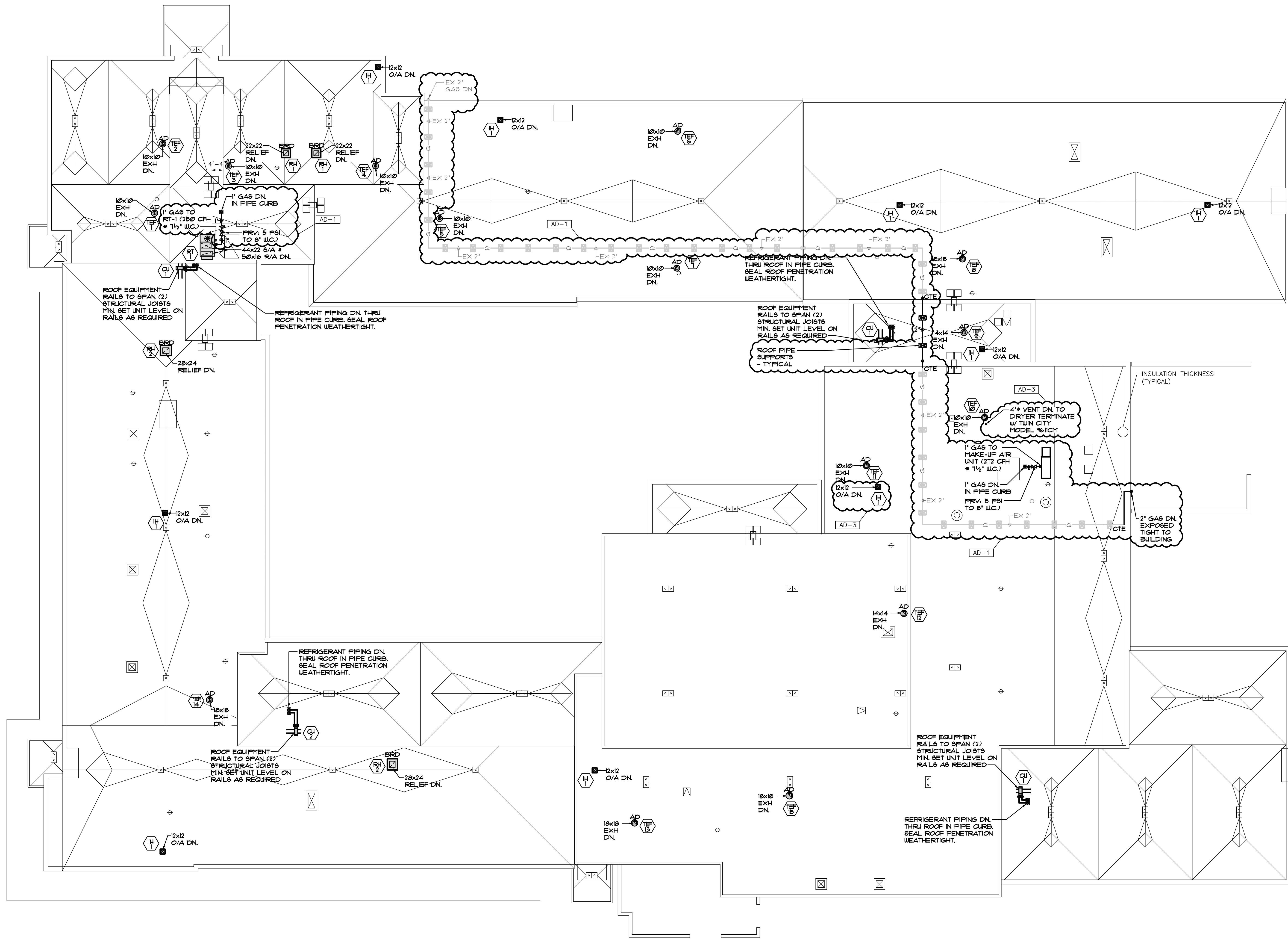


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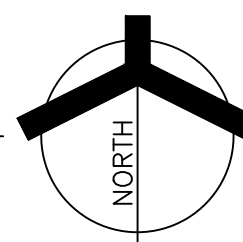
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MECHANICAL ROOF PLAN

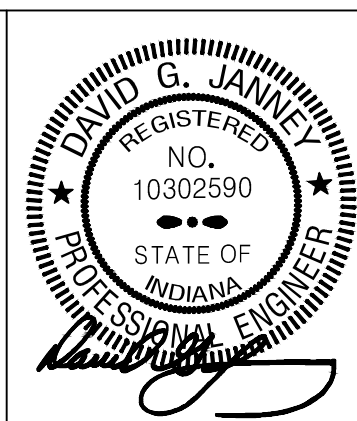
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**MECHANICAL COMPOSITE
ROOF PLAN**

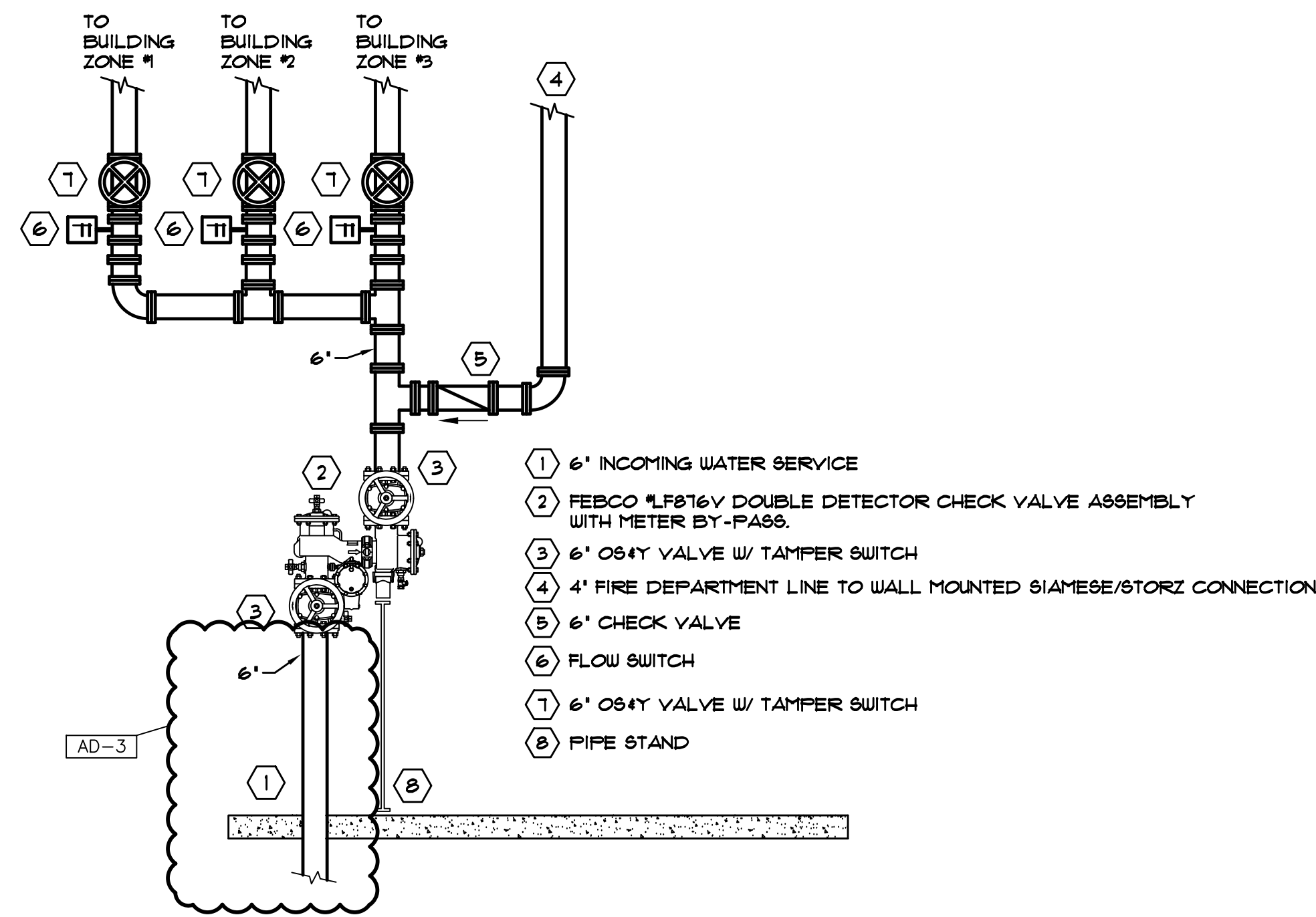
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FIRE PROTECTION SERVICE DIAGRAM

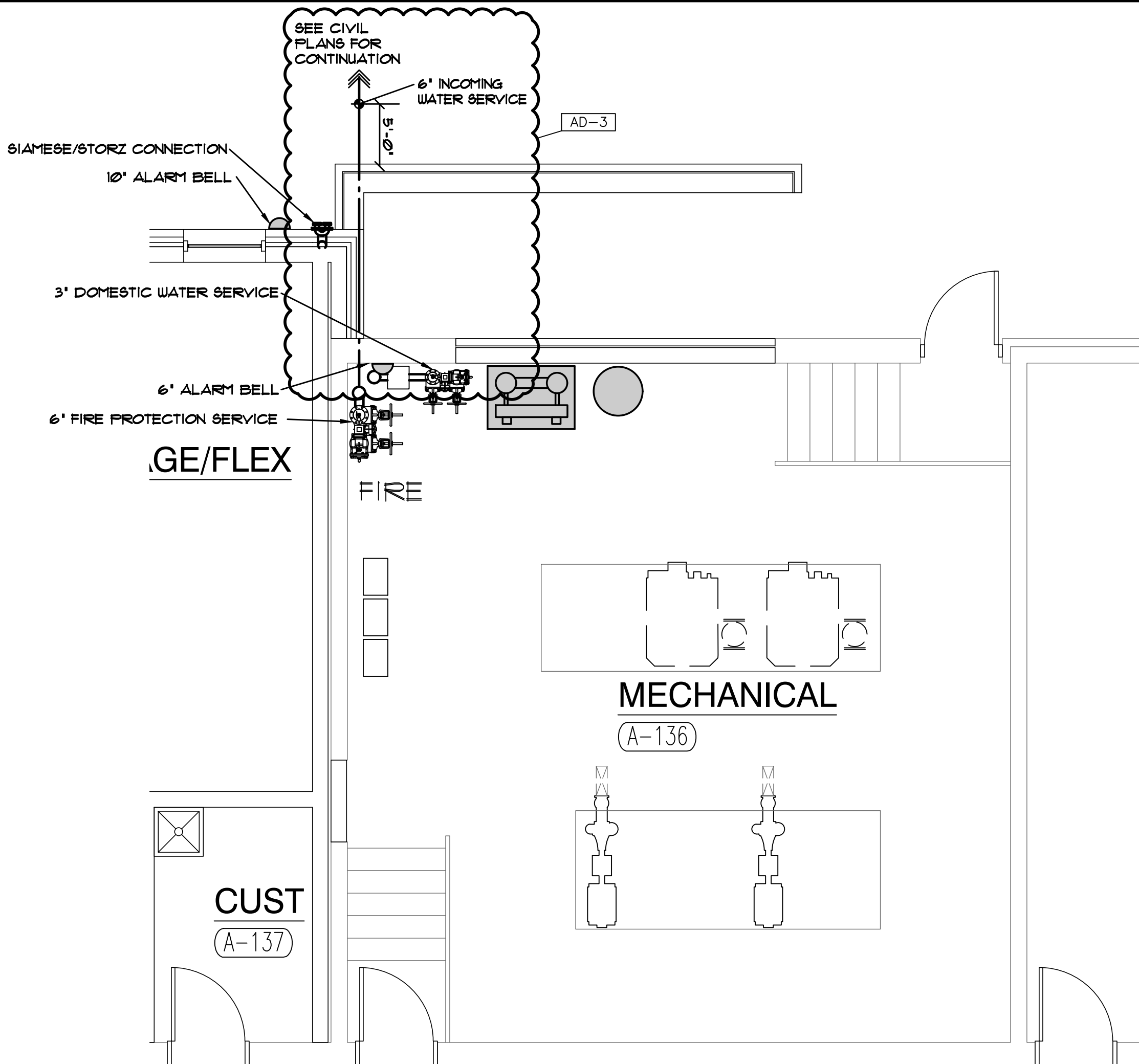
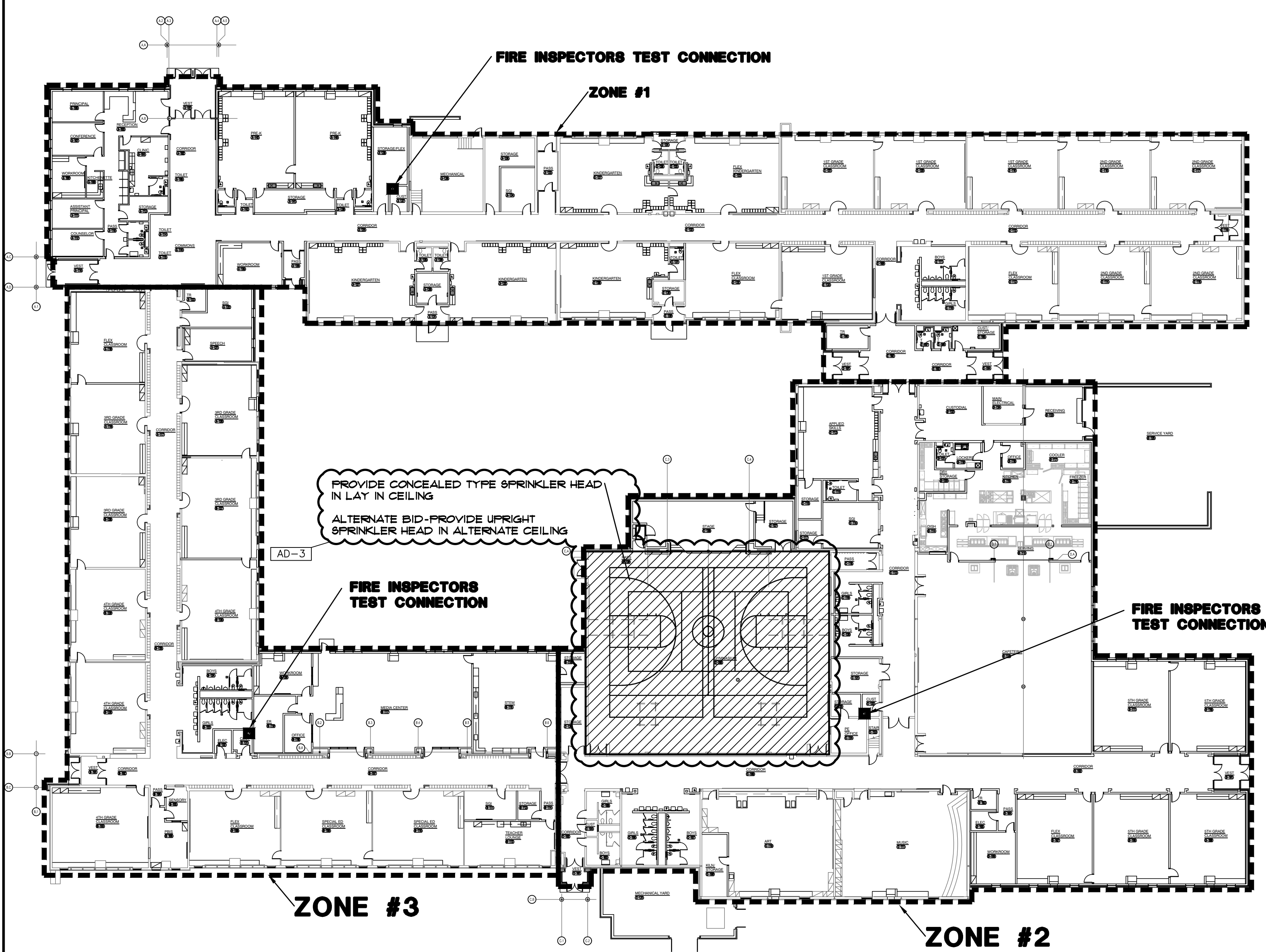
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GENERAL NOTES

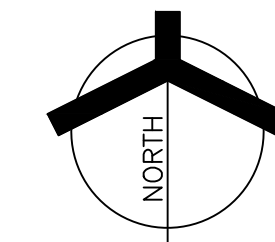
- A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, STATE FIRE PROTECTION CODES, THE LATEST NFPA 13 REQUIREMENTS.
- B. THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER - REFER TO THE SCOPE OF WORK FOR EACH TRADE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGERS SCOPE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.
- C. THE BUILDING HAS MULTIPLE OCCUPANCY CLASSIFICATIONS AND THE SPRINKLER SYSTEM SHALL BE DESIGNED FOR EACH CLASSIFICATION ACCORDING TO NFPA REQUIREMENTS. FOR PORTIONS OF THE FACILITY WITH AREAS OF DIFFERENT CLASSIFICATIONS THAT ARE NOT PHYSICALLY SEPARATED BY A BARRIER OR PARTITION, THE REQUIRED SPRINKLER PROTECTION FOR THE MORE DEMANDING AREA SHALL EXTEND 15'-0" BEYOND ITS PERIMETER.
1. GENERAL AREAS ARE LIGHT HAZARD, 0.10 GPM/SQFT. FOR THE MOST REMOTE 1500 SQFT.
2. KITCHEN AREA IS ORDINARY HAZARD (GROUP 1), 0.15 GPM/SQFT. FOR THE MOST REMOTE 1500 SQFT.
3. STAGE AREA IS ORDINARY HAZARD (GROUP 2), 0.20 GPM/SQFT. FOR THE MOST REMOTE 1500 SQFT.
- D. LAYOUT IS DIAGNOSTIC. INSTALL PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.
- E. VERIFY IF EXISTING ASBESTOS WILL BE ENCOUNTERED PRIOR TO STARTING ANY WORK. IF ASBESTOS IS PRESENT, THE OWNER WILL PROVIDE FOR THE REMOVAL OF ANY MATERIAL CONTAINING ASBESTOS. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.
- F. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY PIPING AND SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.
- G. SCHEDULE WORK TO AVOID DOWNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT TIMES. REQUIRED SHUTDOWN OF EXISTING UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL. NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN OF EXISTING SYSTEMS.
- H. FIRE PROTECTION PIPING ROUTING TO BE FIELD COORDINATED WITH NEW AND EXISTING HVAC DUCTWORK, HVAC PIPING, PLUMBING PIPING AND STRUCTURE TO ENSURE NO CONFLICTS WILL OCCUR DUE TO INTERFERENCE.
- I. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR HVAC DIFFUSER LAYOUT AND ELECTRICAL SPECIALTY DEVICES IN CONJUNCTION WITH ELECTRICAL LIGHTING, SPRINKLER HEAD LAYOUT, AND CEILING GRID SYSTEM.
- J. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) PRIOR TO ORDERING ANY EQUIPMENT.
- K. INSTALL ELECTRIC ALARM DEVICES AND SUPERVISORY DEVICES. COORDINATE WIRING OF DEVICES.
- L. SPRINKLER HEADS IN FINISHED CEILING SPACES SHALL BE CONCEALED TYPE. SPRINKLER HEADS IN UNFINISHED SPACES SHALL BE PENDENT, UPRIGHT, OR SIDEWALL TYPE.
- M. SPRINKLER HEADS LOCATED IN SUSPENDED LAY-IN CEILING SYSTEMS SHALL BE CENTERED IN EACH RESPECTIVE TILE. PROVIDE 6" SINGS TO PLACE THE SPRINKLER IN THE CENTER OF THE TILE.
- N. PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI OR 50 PSI OVER THE MAXIMUM OPERATING PRESSURE, WHICHEVER IS GREATER, FOR A PERIOD OF TWO HOURS.
- O. WET SYSTEM PIPING SHALL BE INSTALLED LEVEL. TO DRAIN BACK TO THE SYSTEM RISER, TRAPPED SECTIONS OF PIPING SHALL HAVE AUXILIARY DRAIN CONNECTIONS IN ACCORDANCE WITH LATEST NFPA 13.
- P. PROVIDE 1" INSPECTOR'S TEST CONNECTIONS FOR EACH ZONE TO ALLOW THE FLOW TESTING OF THE WATER FLOW INDICATOR SWITCH IN THE SPRINKLER RISER. THE TEST CONNECTION SHALL HAVE A 1" GLOBE VALVE LOCATED AT 1'-0" ABOVE THE FLOOR AND SHALL BE ARRANGED TO DISCHARGE THROUGH A 1/2" SMOOTH BORE BRASS BUSHING.

FIRE PROTECTION ZONING PLAN / FIRE INSPECTORS TEST CONNECTION



ENLARGED FIRE PROTECTION PLAN

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



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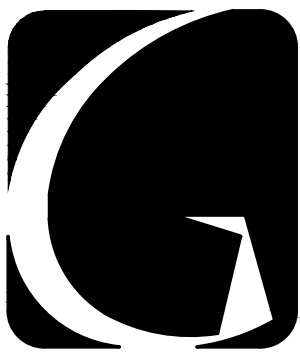
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DRAWING
FIRE PROTECTION PLANS,
NOTES & DIAGRAMS

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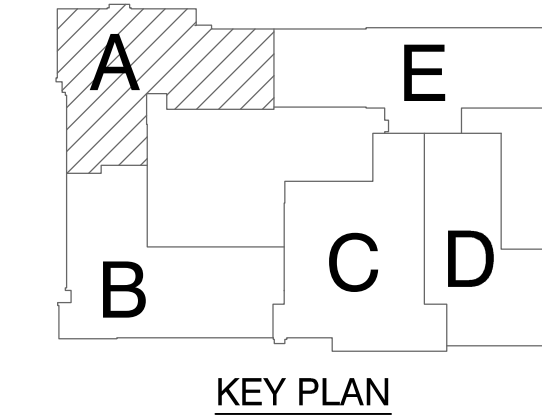
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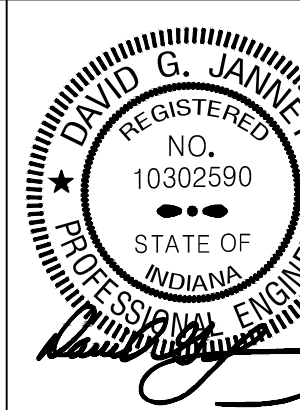
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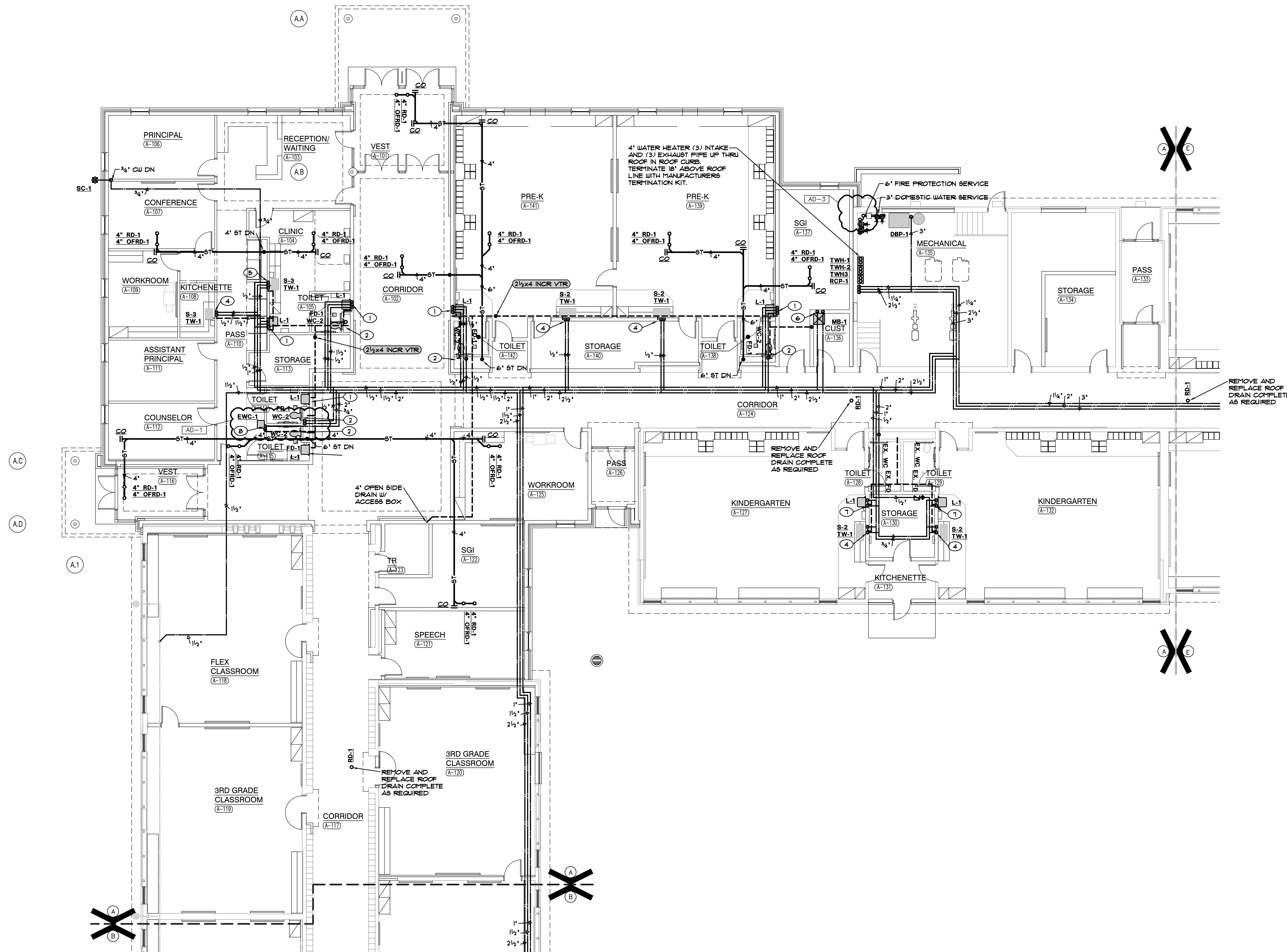
DRAWING
**UNIT "A" PLUMBING FIRST
FLOOR PLAN**

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SCHOOL ADDITIONS, RENOVATIONS,
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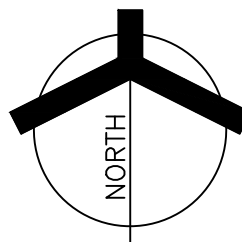
SHEET NOTES

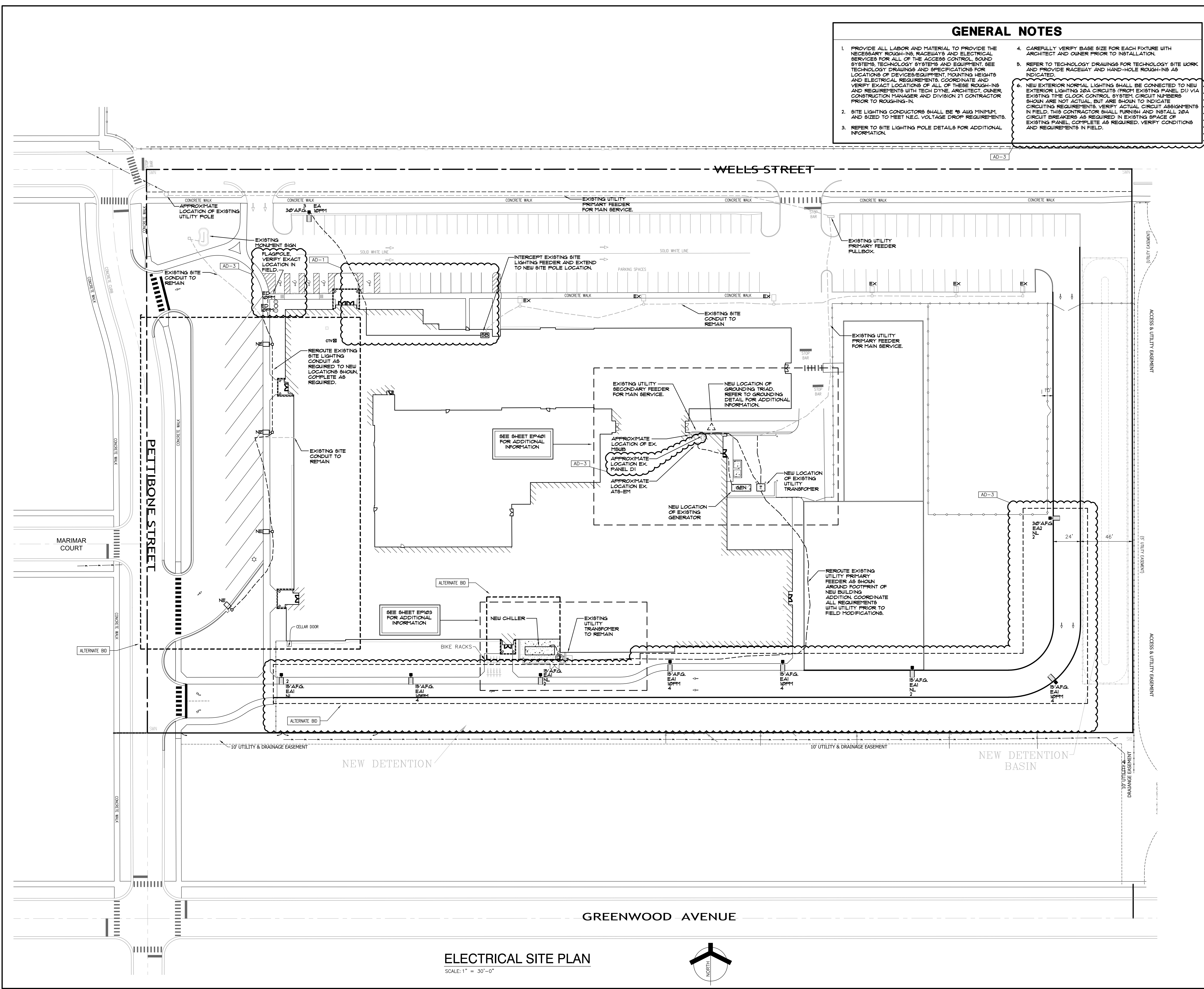
1. 1/2" HW/CW/HUR DN, 1 1/2" V DN, 1 1/2" SAN DN
2. 1 1/2" CW DN, 2" V DN, 4" SAN DN
3. 1" CW DN, 1 1/2" V DN, 2" SAN DN
4. 1/2" HW/CW DN, 1 1/2" V DN, 2" SAN DN
5. 1/2" HW/CW/HUR DN, 1 1/2" V DN, 2" SAN DN
6. 1/2" HW/CW DN, 2" V DN
7. 1/2" HW/CW/HUR DN, 1 1/2" V DN, 1 1/2" SAN DN
8. 1/2" CW DN, 1 1/2" V DN, 1 1/2" SAN DN
9. 1/2" HW/CW DN, 1 1/2" V DN, 1 1/2" SAN DN



UNIT "A" PLUMBING FIRST FLOOR PLAN

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





- GENERAL NOTES
1. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 21 CONTRACTOR PRIOR TO ROUGHING-IN.

2. SITE LIGHTING CONDUCTORS SHALL BE 1/2 AWG MINIMUM AND SIZED TO MEET N.E.C. VOLTAGE DROP REQUIREMENTS.

3. REFER TO SITE LIGHTING POLE DETAILS FOR ADDITIONAL INFORMATION.

4. CAREFULLY VERIFY BASE SIZE FOR EACH FIXTURE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.

5. REFER TO TECHNOLOGY DRAWINGS FOR TECHNOLOGY SITE WORK AND PROVIDE RACEWAY AND HAND-HOLE ROUGH-INS AS INDICATED.

6. NEW EXTERIOR NORMAL LIGHTING SHALL BE CONNECTED TO NEW EXTERIOR LIGHTING 20A CIRCUITS (FROM EXISTING PANEL D1) VIA EXISTING TIME CLOCK CONTROL SYSTEM. CIRCUIT NUMBERS SHOWN ARE NOT ACTUAL, BUT ARE SHOWN TO INDICATE CIRCUITING REQUIREMENTS. VERIFY ACTUAL CIRCUIT ASSIGNMENTS IN FIELD. THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.



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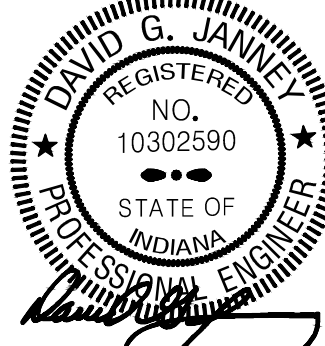
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KEY PLAN

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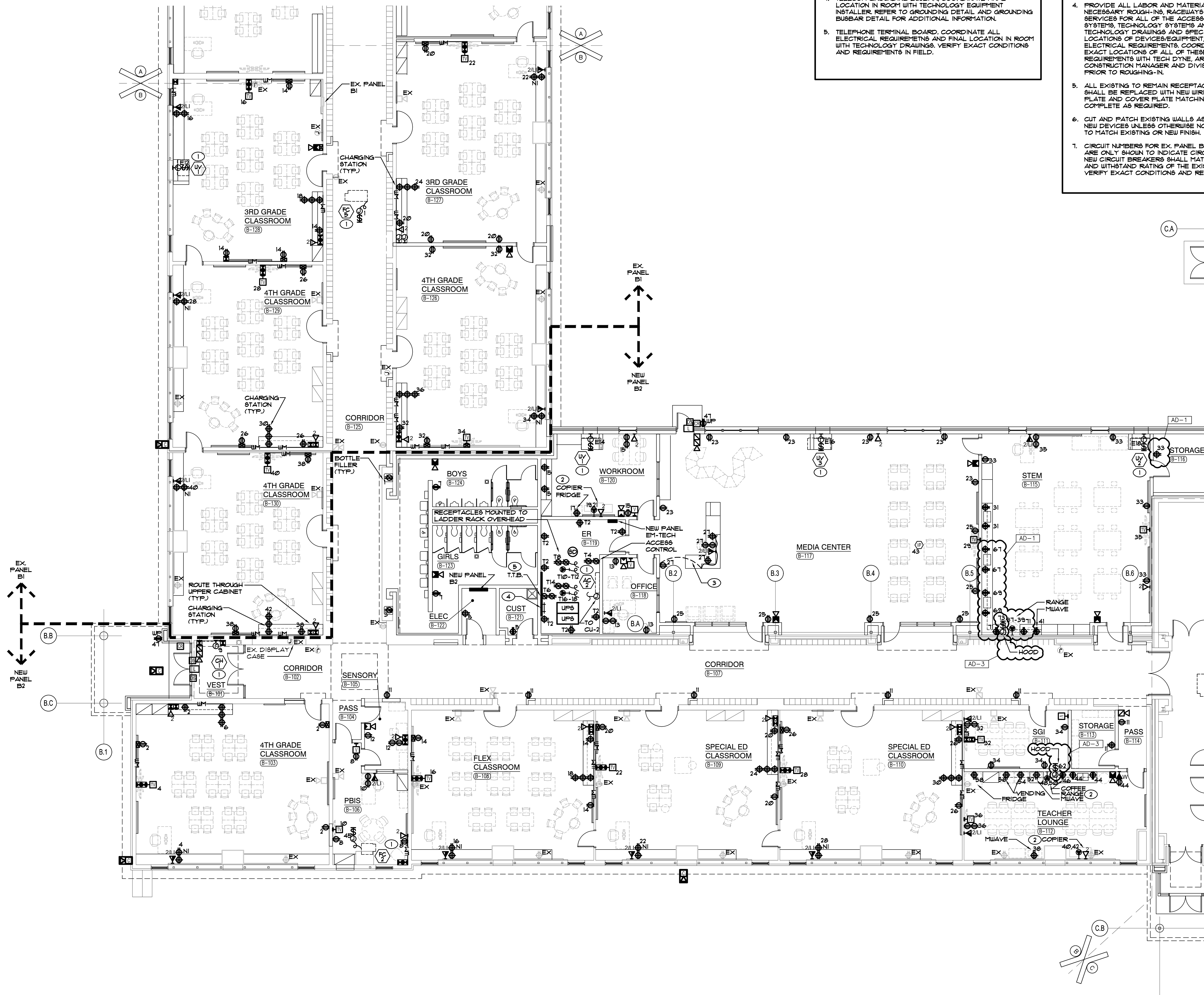
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DRAWING
ELECTRICAL SITE PLAN

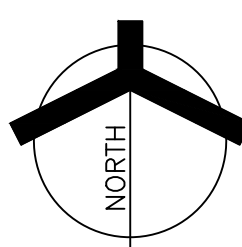
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UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN
SCALE: 1/8" = 1'-0"



SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
3. PROVIDE MINIMUM 3/4" C. FOR POWER AND 1-1/4" C. FOR LOW VOLTAGE UNDER FLOOR AND STUBBED UP WITHIN NEW FURNITURE SYSTEM TO NEW POWER AND DATA OUTLET LOCATIONS. ROUTE RMC WITHIN FURNITURE SYSTEM. COORDINATE CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
4. TELECOM GROUNDING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER. REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.
5. TELEPHONE TERMINAL BOARD, COORDINATE ALL ELECTRICAL REQUIREMENTS AND FINAL LOCATION IN ROOM WITH TECHNOLOGY DRAWINGS. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE NOTED.
2. CIRCUIT ALL DEVICES WITH A 'T' PREFIX TO NEW PANEL EM-TECH UNLESS OTHERWISE NOTED.
3. CIRCUIT ALL DEVICES WITH AN 'E' PREFIX TO EXISTING PANEL EM-L UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
4. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 21 CONTRACTOR PRIOR TO ROUGHING-IN.
5. ALL EXISTING TO REMAIN RECEPTACLES LABELED AS 'EX' SHALL BE REPLACED WITH NEW WIRING DEVICE, FACE PLATE AND COVER PLATE MATCHING NEW DEVICES, COMPLETE AS REQUIRED.
6. CUT AND PATCH EXISTING WALLS AS REQUIRED TO INSTALL NEW DEVICES UNLESS OTHERWISE NOTED. REPAIR SURFACES TO MATCH EXISTING OR NEW FINISH.
7. CIRCUIT NUMBERS FOR EX. PANEL B1 ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.



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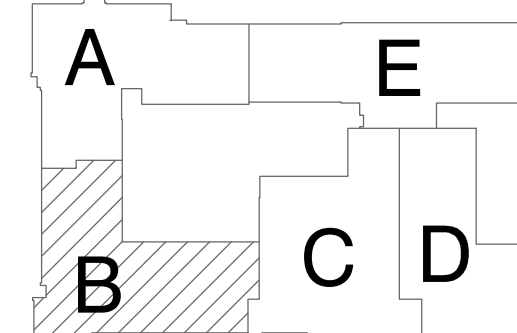
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT

**SOLO
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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PROJECT

21-109

DATE

01/11/23

COORDINATED BY

SM

DRAWN BY

AG

CHECKED BY

DJ

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	01/26/23	ADDENDUM NO. 1
AD-3	02/02/23	ADDENDUM NO. 3

DRAWING

**UNIT "B" ELECTRICAL
FIRST FLOOR POWER
PLAN**

PROJECT

**SOLO
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

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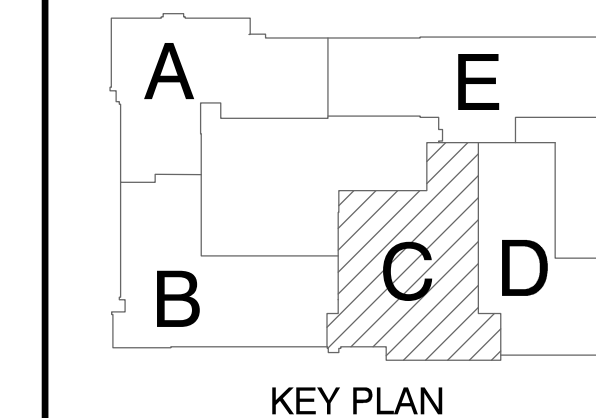
SHEET

B

EP102

**SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK**

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



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PROJECT
21-109
DATE
01/11/23
COORDINATED BY
SM
DRAWN BY
AG
CHECKED BY
JLI

DAVID G. JANNEY
REGISTERED
NO.
10302590
STATE OF
INDIANA
PROFESSIONAL ENGINEER

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REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	01/26/23	ADDENDUM NO. 1
AD-3	02/02/23	ADDENDUM NO. 3

DRAWING
UNIT "C" ELECTRICAL
FIRST FLOOR POWER
PLAN

PROJECT
 SOLON ROBINSON ELEMENTARY
 SCHOOL ADDITIONS, RENOVATIONS
 AND RELATED WORK

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C	EP103

GENERAL NOTES

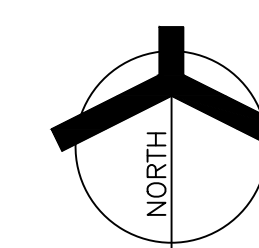
1. CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE COORDINATING AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
2. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-IN, RACEWAYS AND ELECTRICAL SERVICES FOR ALL EXISTING AND NEW LIGHTING AND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL RECEPTACLES. MEASURE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DIVISION ARCHITECT. OWNER CONSULTATION REQUIRED AND DIVISION 21 CONTRACTOR PRIOR TO ROUGHING-IN.
3. ALL EXISTING TO REMAIN RECEPTACLES LABELED AS 'EX' SHALL BE REPLACED WITH NEW WIRING DEVICE, FACE PLATE AND COVER PLATE MATCHING NEW DEVICES, COMPLETE AS REQUIRED.
4. CUT AND PATCH EXISTING WALLS AS REQUIRED TO INSTALL NEW DEVICES UNLESS OTHERWISE NOTED. REPAIR SURFACES TO EXISTING CONDITION.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. PROVIDE 30AMP CIRCUIT BREAKER WITH 2 #6'S & 1 #6 GND. IN EXISTING SPACE OF HIT SWITCH. VERIFY FACTORY POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
3. PROVIDE FLEXIBLE RETRACTING CABLE CONNECTION FROM FRONT OF BLEACHER TO JUNCTION BOXES IN WALL. PROVIDE MINIMUM 1/2" CONDUIT CONNECTION FOR LIQUID VOLTAGE BOXES. PROVIDE 3/4" FOR POWER, POWER AND LOW VOLTAGE TO BE SEPARATED.
4. BASE BID: EXISTING CHILLER TO REMAIN.
5. ALTERNATE: EXISTING CHILLER TO BE RELOCATED TO NEW LOCATION AS INDICATED ON PLANS. DISCONNECT AND REMOVE EXISTING CHILLER. REINSTALL CHILLER DISCONNECT IN NEW LOCATION. EXTEND FEEDER TO NEW LOCATION AS SHOWN AND REMOVE EXISTING FEEDER.
6. ALTERNATE: EXISTING CHILLER TO BE REPLACED. DISCONNECT AND REMOVE EXISTING CHILLER. INSTALL NEW CHILLER. DISCONNECT AND CHILLER CONNECTION IN NEW LOCATION AS INDICATED ON PLANS. PROVIDE FEEDER FROM EXISTING UTILITY TRANSFORMER AND CONNECT.
7. CHILLER SERVICE SECONDARY FEEDER. REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
8. EXTERIOR MOUNTED UTILITY METER FOR CHILLER ELECTRICAL SERVICE. PROVIDE UTILITY METER PER UTILITY COMPANY REQUIREMENTS. COORDINATE PROPER CLEARANCES, GROUNDS, MOUNTING HEIGHT, LOCATION AND ANY ADDITIONAL REQUIREMENTS WITH UTILITY COMPANY STANDARDS PRIOR TO PROVIDING BID. VERIFY EXACT LOCATION IN FIELD WITH UTILITY COMPANY.
9. HEAT TRACE CONTROL PLAN. REFER TO MECHANICAL SPECIFICATIONS.

UNIT "C" ELECTRICAL FIRST FLOOR POWER PLAN

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



NEW PANEL A1													
TOTAL KW: 381		ENCLOSURE: NEMA-1		PHASE: 3*		VOLTAGE: 120 / 208							
MOUNTING: SURFACE		BUSBING: COPPER		FAULT CURRENT RATING: 22,000		AIC		[MLO/MPs]: 200					
FEEDER: 4 #10 1/2 GRD. - 2°C				LOCATION: MECHANICAL A-136									
		C/B			LOAD			C/B			LOAD		
LOAD DESCRIPTION	TRIP / POLE	A*	B*	C*	CCT. NO.	A*	B*	C*	TRIP / POLE	A*	B*	C*	LOAD DESCRIPTION
REC - A-138	20 1	800			1 2	1000			20 1				REC - A-142
TV - A-138	20 1		500		3 4		800		20 1				TV/REC - A-142
REC - A-135/131	20 1			400	5 6			400	20 1				REC - A-142
TV/REC - A-134	20 1	800			1 8	1000			20 1				REC - A-140
REC - A-134	20 1		400		9 10		800		20 1				TV/REC - A-140
REC - CORR A-124	20 1			600	11 12			400	20 1				REC - A-140
FC-1	15 1	330			13 14	400			20 1				REC - A-141
UH-1	15 1		1236		15 16		1200		20 1				REC - A-125
FC-3	15 1			465	17 18			1000	20 1				REC - FRIDGE A-125
TV/REC - E-121	20 1	800			19 20	1200			20 1				REC - COPIER A-125
REC - E-121	20 1		1200		21 22		1200		20 1				
TV/REC - E-123	20 1			300	23 24		1000		20 1				REC - A-121
REC - E-123	20 1	1200			25 26	800			20 1				TV/REC - A-121
REC - E-124	20 1		200		27 28		800		20 1				REC - A-132
TV/REC - E-128	20 1			800	29 30		800		20 1				TV/REC - A-132
REC - E-128	20 1	1200			31 32	400		800	20 1				REC - A-125
REC - E-129/130	20 1		200		33 34		800		20 1				REC - A-125
REC - E-132	20 1			400	35 36			400	20 1				REC - EXTERIOR
TV/REC - E-132	20 1	800			37 38	528			20 1				TEF-3
REC - E-132	20 1		1200		39 40		528		20 1				TEF-4
SPARE	20 1				41 42			528	20 1				TEF-5
SPARE	20 1				43 44	528			20 1				TEF-6
SPARE	20 1				45 46		528		20 1				TEF-1
SPARE	20 1				47 48				20 1				SPARE
LTG - E-121/123	20 1	1036			49 50	1362			20 1				LTG - A-140/142
LTG - E-128/132	20 1		1168		51 52		1060		20 1				LTG - CORR
LTG - E-122	20 1			788	53 54		156		20 1				LTG - MECH ROOM
SPARE	20 1				55 56	1440			20 1				LTG - A-121/132
SPARE	20 1				57 58				20 1				SPARE
SPARE	20 1				59 60				20 1				SPARE
		1026 6104 3853			8658 1116 4124								

NEW PANEL EM-TECH														
TOTAL KW: 36.2			ENCLOSURE: NEMA-1			PHASE: 3*			VOLTAGE: 120 / 208					
MOUNTING: SURFACE			BUBBING: COFFER			FAULT CURRENT RATING: 22,000			AIC [MCA/AMPS]: 200					
FEEDERS: 4 #2 @ 1 1/2" GRD. - 21C.						LOCATION: ER B-218								
			C/B			LOAD						C/B		
LOAD DESCRIPTION			TRIP	POLE	A*	B*	C*	CCT. NO.	A*	B*	C*	TRIP	POLE	LOAD DESCRIPTION
SPARE			20	1				1	2	1200		20	1	REC - B-119
SPARE			20	1				3	4		1200	20	1	REC - ACCESS CONTROL
SPARE			20	1				5	6		1200	20	1	REC - TTB - B-119
EM-TECH1			60		2,644			9	10	1500		30		DATA RACK A - B119
				3			2,344	11	12		1500		2	MDF A - B119
EM-TECH2			60		2,644			13	14	1200		20	1	DATA RACK B - B119
				3			2,344	15	16		1500		2	MDF B - B119
EM-TECH3			60		2,644			17	18			20	1	SPARE
				3			2,344	19	20		1144	30		AC/CU-2
SPARE			20	1				23	24				2	
SPARE			20	1				25	26			20	1	SPARE
SPARE			20	1				27	28			20	1	SPARE
SPARE			20	1				29	30			20	1	SPARE
SPARE								31	32					SPARE
SPARE								33	34					SPARE
SPARE								35	36					SPARE
SPARE								37	38					SPARE
SPARE								39	40					SPARE
SPARE								41	42					SPARE
						1932	6,920	1,032				3,600	5,344	5,344
NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION														
A* 11,532 B* 12,244 C* 13,316 TOTAL* 36,152														

NEW PANEL D2															
TOTAL KW: 29.4			ENCLOSURE: NEMA-1			PHASE: 3*			VOLTAGE: 120 / 208						
MOUNTING: SURFACE			BUBBING: COFFER			FAULT CURRENT RATING: 22,000			AIC [MCA/AMPS]: 100						
FEEDER: 4* 2 #1* GRD - 1/2"			LOCATION: ELEC D-105												
C/B			LOAD			C/B			C/B			C/B			
LOAD DESCRIPTION	TRIP	POLE	A*	B*	C*	CCT. NO.	A*	B*	C*	TRIP	POLE	LOAD DESCRIPTION	TRIP	POLE	
TV/REC - D-110	20	1	800			1	2	600		20	1	REC - D-102	20	1	
REC - D-110	20	1		800		3	4		1200	20	1	REC - COPIER - D-106	20	1	
TV/REC - D-110	20	1			1200	5	6	600	1200	20	2	REC - PAPER CUT - D-106	20	1	
REC - D-111	20	1	800			7	8			20	1	REC - BIND MACH - D-106	20	1	
REC - D-111	20	1		800		9	10		600	20	1	REC - CUT MACH - D-106	20	1	
REC - D-111	20	1			1200	11	12		600	20	1	REC - POSTER - D-106	20	1	
TV/REC - D-109	20	1	800			13	14	600		20	1	REC - PRINT - D-106	20	1	
REC - D-109	20	1		800		15	16		1000	20	1	SPARE	20	1	
REC - D-109	20	1			1200	17	18			20	1	REC - D-105/D-106	20	1	
TV/REC - D-108	20	1	800			19	20	400		20	1	CH-1 - D101	20	1	
REC - D-108	20	1		800		21	22		330	20	1	FC-4 - D-106	20	1	
REC - D-108	20	1			1200	23	24			128	20	1	REC - EXTERIOR	20	1
TV/REC - D-107	20	1	800			25	26	200		20	1	PROSPECTOR - D-112	20	1	
REC - D-107	20	1		800		27	28		600	20	1	SPARE	20	1	
REC - D-107	20	1			1200	29	30			20	1	SPARE	20	1	
REC - D-112	20	1	600			31	32	1159		20	1	LTG - D-112	20	1	
EXTERIOR LTG UNIT A	20	1		100		33	34		916	20	1	LTG - D-112	20	1	
EXTERIOR LTG UNIT B	20	1			25	35	36			20	1	LTG - D-110/111	20	1	
EXTERIOR LTG UNIT D	20	1	420			37	38	1152		20	1	LTG - D-106/107	20	1	
EXTERIOR LTG UNIT E	20	1		30		39	40		800	20	1	LTG - D-106/107	20	1	
SPARE	20	1				41	42			336	20	1	LTG - D-102	20	1
			5020	4130	6025				4711	5506	4016				
NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION															
TOTAL: 29.420															
A* 9,131 B* 9,644 C* 10,045															

NEW PANEL EM-LA														
TOTAL KW: 10.9			ENCLOSURE: NEMA-1			PHASE: 3*			VOLTAGE: 120 / 208					
MOUNTING: SURFACE			BUBBING: COFFER			FAULT CURRENT RATING: 22,000			AIC [MCA/AMPS]: 60					
FEEDER: 4 #4 @ 1/2 GRD. - 1/2"			LOCATION: MECHANICAL A-136											
C/B			LOAD			LOAD			C/B			C/B		
LOAD DESCRIPTION	TRIP	POLE	A*	B*	C*	CCT. NO.	A*	B*	C*	TRIP	POLE	LOAD DESCRIPTION	TRIP	POLE
SPRINKLER BELLS	20	1	200			1	2	1512		20	1	UV-2 - RM A-118	20	1
EM NIGHT LGT - UNIT A	20	1		1140		3	4	1236		20	1	UV-1 - RM A-118	20	1
EM LGT - UNIT A	20	1			246	5	6		1512	20	1	UV-2 - RM A-120	20	1
EM LGT - UNIT A	20	1	512			7	8	1512		20	1	UV-2 - RM A-142	20	1
EM EXTERIOR LGT UNIT A	20	1		176		9	10		1512	20	1	UV-2 - RM A-140	20	1
EXIT SIGNS UNIT A	20	1			187	11	12			20	1	SPARE	20	1
FACP	20	1		600		13	14			20	1	SPARE	20	1
FACP	20	1			600	15	16			20	1	SPARE	20	1
SPARE	20	1				17	18			20	1	SPARE	20	1
SPARE	20	1				19	20			20	1	SPARE	20	1
SPARE	20	1				21	22			20	1	SPARE	20	1
SPARE	20	1				23	24			20	1	SPARE	20	1
			1312	1916	433	3024			2148	1512				
NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION														
A* 4,336 B* 4,664 C* 1,345 TOTAL* 10,345														

NEW PANEL EM-TECH1														
TOTAL KW: 13			ENCLOSURE: NEMA-1			PHASE: 3*			VOLTAGE: 120 / 208					
MOUNTING: SURFACE			BUBBING: COFFER			FAULT CURRENT RATING: 22,000			AIC [MCA/AMPS]: 60					
FEEDER: 4 #4 @ 1/2 GRD. - 1/2"			LOCATION: TR D-103											
LOAD DESCRIPTION		C/B	LOAD			LOAD			C/B	LOAD DESCRIPTION				
	TRIP	POLE	A*	B*	CCT. NO.	A*	B*	C*	TRIP	POLE				
SPARE	20	1			1	2	1500		30		D103 - IDF			
D103 - RECEPS	20	1		800	3	4	1500							
D103 - DATA RACK	20	1		1200	5	6		1144	30	2	AC-CU-1			
SPARE	20	1			7	8	1144							
SPARE	20	1			9	10			20	1	SPARE			
SPARE	20	1			11	12			20	1	SPARE			
SPARE	20	1			13	14					SPARE			
SPARE					15	16					SPARE			
SPARE					17	18					SPARE			
SPARE					19	20					SPARE			
SPARE					21	22					SPARE			
SPARE					23	24					SPARE			
			0	800	1200	2644		1500	1144					
NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION														
TOTAL: 1280														