### ADDENDUM NO. 1

**January 27, 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 1-1 through ADD 1-2 and attached Addendum No. 1 from Gibraltar Design dated January 26, 2023 and consisting of new Specification Section 07 27 30 - Air Filtration Barrier, revised Specification Section 07 42 44 - Composite Wall Panels, and 92 Drawings.

#### A. SPECIFICATION SECTION 00 20 00 - TABLE OF CONTENTS

#### 1. **Add:**

Specification Section 07 27 30 - Air Filtration Barrier

#### B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

#### 3.02 GENERAL REQUIREMENTS

#### 1. Add:

#### Clarification No. 5:

Contractors are advised; all equipment handling, material placement, and accessibility required to perform their respective scopes of work at the interior courtyard will be up to the contractor's discretion on means and methods. The **Bid Category No. 1 Contractor** will be responsible for demolition of the corridor EE-120, and encapsulate all overhead MEP's to protect them from inclement weather. The **Bid Category No. 14 Contractor** shall provide heat trace on hydronic and plumbing lines. These services will stay in place throughout the duration of the project. The opening for access into the courtyard will be approximately 18' wide, and 9' tall. All overhead work that will cross over the existing building, while the building is occupied, MUST be performed during non-school hours, weekends, second shift, school breaks, etc. to ensure that the safety of the students and staff is a priority.

#### E. BID CATEGORY NO. 5 - METAL STUDS/DRYWALL/CEILINGS

#### 1. **Add:**

Specification Section 07 27 30 - Air Filtration Barrier

#### C. SPECIFICATION SECTION 01 23 00 - ALTERNATES

#### 1. Revise:

- 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.
- D. <u>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.</u>



#### ADDENDUM ONE

**Addendum One (AD.01)** 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 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 7 in the Table of Contents:
    - 1. Section 07 27 30, Air Filtration Barrier.
- 2. Specification Section 07 27 30 Air Filtration Barrier
  - A. Add Specification Section 07 27 30, Air Filtration Barrier, included in this Addendum, to the Project Manual.
- 3. Specification Section 07 42 44 Composite Wall Panels
  - A. Replace Section 07 42 44, Composite Wall Panels, with the revised Section included in this Addendum.

### **DRAWINGS**

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

- 1. Sheets S-202, S-204, S-205, S-206, S-207, S-208, S-209, S-210, S-412 and S-413
  - A. Revise structural drawings as indicated.
- 2. Sheet G-102
  - A. Sheet Index: Delete Sheet A-830 Interior Elevations.
- 3. Sheet G-301
  - A. Add "Mounting Height" detail title.
  - B. Wall partitions type: Add wall partition types as indicated.
- 4. Sheets AD01 through AD104
  - A. Demolition Plans: Add demolition notes on plan as indicated.
  - B. Demolition Plan Notes: Add new demolition note #59 to remove existing louvers.



#### 5. Sheet A-102

A. First Floor Plan: Add note #49 to paint metal tunnel access hatch.

#### 6. Sheet A-104

A. Lockers D-119: Revise locker layout.

#### 7. Sheet A-105

A. First Floor Plan: Add note #49 to paint metal tunnel access hatch.

#### 8. Sheet A-120

A. Plan Details 1, 3, 4, 5 and 14: Add section cut text reference and add note to anchor CMU to existing masonry. Refer to Structural Drawings.

#### 9. Sheet A-121

A. Add Plan Details 9 and 10.

#### 10. Sheet A-201

A. Overall Architectural Roof Plan: Add roof elevation tags. roof edge references and detail tags.

#### 11. Sheet A-210

A. Roof Detail 15: Add note to provide treated plywood.

#### 12. Sheet A-211

- A. Roof Details 2, 3, 4 and 7: Revise notes as indicated.
- B. Add Roof Details 9, 10, 11 and 12.

#### 13. Sheets A-310, A-311, A-312 and A-313

- A. Elevation Keynotes: Revise Keynote #22 and add Keynote #24.
- B. Exterior Elevations 16, 18, 19 and 22: Add Plan Detail reference.
- C. Exterior Elevation 18: Add louver.

#### 14. Sheet A-401

A. Wall Sections 2, 3, 4 and 5: Revise wall sections as indicated.

#### 15. Sheet A-402

- A. Wall Section 1: Revise wall section as indicated.
- B. Platform Bulkhead Elevation 6: Revise elevation as indicated.

#### 16. Sheet A-404

A. Wall Sections 1 and 2: Revise wall sections as indicated.

#### 17. Sheet A-405

A. Wall Sections 1 and 4: Revise wall sections as indicated.

#### 18. Sheet A-406

A. Wall Sections 1, 3 and 7: Revise wall sections as indicated.

#### 19. Sheet A-407

A. Wall Sections 3, 4 and 5: Revise wall sections as indicated.

#### 20. Sheet A-408

A. Wall Section 5: Revise wall section as indicated.



#### 21. Sheet A-409

A. Wall Sections 1 and 3: Revise wall sections as indicated.

#### 22. Sheet A-410

A. Wall Sections 6 and 8: Revise wall sections as indicated.

#### 23. Sheet A-420

A. Wheelchair Lift Section 2: Revise section as indicated.

#### 24. Sheet A-501

A. Locker Details 1: Revise notes as indicated.

#### 25. Sheet A-610

A. Aluminum Storefront Elevations (SF) 1: Revise notes as indicated.

#### 26. Sheet A-620

- A. Aluminum Window Elevations (W) 1: Revise notes as indicated.
- B. Head, Jamb and Sill Details: Revise notes to provide spray foam insulation as indicated.

#### 27. Sheets A-701 through A-705

A. Revise Equipment Plan notes as indicated.

#### 28. Sheet A-903

A. Reflected Ceiling Plan Notes: Add Note #14 and reference to projection screen.

#### 29. Sheet G-104

A. Sheet Index: Delete Sheet A-830 Interior Elevations.

#### 30. Sheet FP-001

A. Add Alternate Scope.

#### 31. Sheets PD-101, PD-102, PD-103, and PD-104

A. Add note to remove and protect electric water cooler.

#### 32. Sheets P-102, P-103 and P-104

A. Remove and replace sanitary piping.

#### 33. Sheet P-111

A. Add note to install new EWC-1.

#### 34. Sheet P-112

A. Add note to reinstall salvaged water cooler.

#### 35. Sheet P-113

- A. Add note to install new EWC-1.
- B. Add note to reinstall salvaged electric water cooler.

#### 36. Sheet P-115

A. Add note to reinstall salvaged electric water cooler.

#### 37. Sheet P-401

A. Add note to reinstall salvaged water cooler.



#### 38. Sheet MD101

A. Add existing gas piping.

#### 39. Sheets MD103 and MD104

A. Add existing and demo gas piping.

#### 40. Sheet MP001

A. Add gas piping.

#### 41. Sheet MP104

- A. Add gas piping.
- B. Add thermostats.
- C. Add hot water supply and return piping to VAV-2F.

#### 42. Sheet MP105

A. Add gas piping.

#### 43. Sheet M-201

A. Add Gymnasium Alternate.

#### 44. Sheet M-202

- A. Add gas piping.
- B. Clarified gas piping size.

#### 45. Sheet M-301

- A. Add existing gas piping.
- B. Add new gas piping.

#### 46. Sheet M-501

A. Add gas connection schedule.

#### 47. Sheet ES002

A. Revise feeder routing for site lighting.

#### 48. Sheet ED101

A. Add Sheet Note #10.

#### 49. Sheet ED103

- A. Add fire alarm door relays to be relocated.
- B. Remove Sheet Note #5.

#### 50. Sheet ED104

A. Add fire alarm door relays and door hold opens to be relocated.

#### 51. Sheet EL101

- A. Add Sheet Note #2.
- B. Revise room name tags.
- C. Revise light fixture tags.
- D. Add circuit number.



#### 52. Sheet EL102

- A. Add Sheet Note #5.
- B. Revise light fixture tag.
- C. Revise single pole switch to dimmer.

#### 53. Sheet EL103

- A. Add Sheet Note #10.
- B. Revise General Note #1.
- C. Revise light fixture tags.

#### 54. Sheet EL104

- A. Add Sheet Note #4.
- B. Revise existing EM-L panel location.

#### 55. Sheet EL105

- A. Add Sheet Note #4.
- B. Revise room name tag.
- C. Revise light fixture tags.
- D. Revise light fixture locations.

#### 56. Sheet EP101

- A. Revise room name tags.
- B. Add circuits.
- C. Add vertical surface raceways.

#### 57. Sheet EP102

A. Add circuits.

#### 58. Sheet EP103

- A. Add new location of fire alarm relays.
- B. Revise device locations.
- C. Revise Sheet Note #2.

#### 59. Sheet EP104

A. Add circuitry.

#### 60. Sheet EP105

- A. Add new location of fire alarm relays and door hold opens.
- B. Add fire alarm horn strobe.

#### 61. Sheet EP301

- A. Add electrical connections to Kitchen rooftop equipment.
- B. Add rooftop receptacles and circuitry.

#### 62. Sheet EP401

- A. Revise existing EM-L panel location.
- B. Complete revision of Kitchen equipment and device circuitry.



C. Revise Kitchen equipment locations.

#### 63. Sheet E-501

- A. Revise note for dishwasher connection.
- B. Revise connected load for new panel kitchen.
- C. Revise existing spares and spaces for existing DP1.
- D. Revise circuit breaker for new Panel A3 to 200A/3P.

#### 64. Sheet E-503

- A. Remove remarks for AE, AE1 and HA fixtures.
- B. Add Fixture Types AE3 and XE.
- C. Revise Part Number for XA and XB fixtures.

#### 65. Sheet E-601

A. Add circuits to Panels A1, B2 and A3.

#### 66. Sheet E-602

A. Complete revision to new panel kitchen.

#### 67. Sheet E-607

A. Revise and add electrical information for Kitchen equipment.

Pages 1 through 6, inclusive, Specification Sections 07 27 30, and 07 42 44, and Ninety-One (92) Full-Size Drawings, constitute the total makeup of **Addendum One**.



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## SECTION 07 27 30 AIR INFILTRATION BARRIER

#### 1 General

#### 1.1 Summary

- A. Section includes but not limited to:
  - 1. Furnishing and installation of weather resistive air infiltration barriers on exterior side of exterior wall sheathing, where indicated.

#### 1.2 References

- A. ASTM E-96 Standard Test Method for Water Transmission of Materials.
- B. ASTM E-1677 Standard Specification for an Air Retarder (AR) Material or System for Low-Rise Framed Building Walls.
- C. AATCC-127 Hydrostatic Head Test.

#### 2 Products

#### 2.1 Air Infiltration Barrier

- A. Spunbonded olefin or polypropylene, non-woven, non-perforated.
- B. Performance Characteristics:
  - 1. ASTM E1677 Type I Air Retarder. Air leakage a t 25 mph wind pressure of less than 0.6 cfm/ft<sup>2</sup>.
  - 2. Water Vapor Transmission of greater than 20 perms in accordance with ASTM E-96, Method B.
  - 3. Water penetration resistance of 200 cm on hydrostatic head in accordance with AATCC-127.

#### C. Approved Manufacturers:

- 1. Tyvek®, CommercialWrap™ by DuPont Company, Wilmington, Delaware.
- 2. Typar as manufactured by BBA Fiberweb, Old Hickory, Tennessee.

#### 2.2 Sealing Tape/Fasteners

- A. Sealing Tape: Type as recommended and approved by the manufacturer.
- B. Recommended Fasteners for Wood, Insulated Sheathing Board, Exterior Gypsum: Nails with large heads or plastic washer heads.

AIR INFILTRATION BARRIER 07 27 30-1



- C. Recommended Fasteners for Steel Frame Construction: Rust-resistant screws with washers.
- D. Recommended Fastening to Masonry: Polyurethane or elastomeric adhesives.

#### 2.3 Window and Door Flashing

- A. All window and door penetrations shall be flashed according to manufacturers instructions.
- B. Flashing Material: Type as recommended and approved by the manufacturer.

#### 3 Execution

#### 3.1 Installation

- A. Install in accordance with manufacturer's instruction over exterior sheathing.
- B. Seal joints and penetrations through weather resistive barrier with specified tape and fasteners prior to installation of finish material.
- C. Install air infiltration barrier air tight and free from holes, tears, and punctures.
- D. Flash and seal all window and door penetrations in accordance with manufacturer instructions.

#### **END OF SECTION**

AIR INFILTRATION BARRIER 07 27 30-2



## SECTION 07 42 44 COMPOSITE METAL PANELS

#### 1 General

#### 1.1 Section Includes

A. Factory fabricated composite metal wall panels, attachment system components, clips, related flashings, and accessory components.

#### 1.2 Related Sections

- A. Section 07 62 00 Sheet Metal Flashing: Roof flashing.
- B. Section 07 71 20 Fascias, Copings, Scuppers, Gutters, and Downspouts.

#### 1.3 Performance

- A. Systems are to accommodate movement of components without buckling, failure of joint seals, undue stress on structural elements, damaging loads on fasteners, reduction of performances, or other detrimental effects, when subject to seasonal temperature ranges.
- B. Systems are to accommodate tolerances of structure.
- C. Provide positive drainage to exterior for moisture entering or condensation occurring within panel system. Conceal weep holes.
- D. Structural Properties:
  - 1. Preformed metal panel system to withstand code imposed design loads in accordance with ASTM E72.
    - a. Maximum Allowable Deflection of Span: 1/240.
    - b. Design Uniform Wind Load: In accordance with requirements of Indiana Building Code.
  - 2. Structural designs shall have been derived from witnessed structural tests for wind loads by the Chamber Method as outlined in ASTM E72.
    - a. Standard test design loading shall be 20 psf, positive or negative wind load.
    - b. A deflection limit of L/240 shall apply to positive load only.
  - 3. The deflection of any framing member in a direction normal to the plane of the wall when subjected to a uniform load deflection test at design pressures, in accordance with ASTM E330, shall not exceed 1/240 of its clear span.



- 4. The deflection of metal panels shall not exceed 1/240 of the span when tested in accordance with ASTM E330 at specified design pressures.
- 5. Uniform load structural tests shall be conducted in accordance with ASTM E330.
  - a. Inward and outward acting test pressures shall be equal to 1.5 times the inward and outward acting design wind pressures.
  - b. Results shall be no material failures or permanent deformation of structural members.
- 6. Air Infiltration: Air leakage through assembly of not more than 0.06 cfm/sq ft of wall area when tested according to ASTM E283 at a static-air-pressure difference of 6.24 lbf/sq ft.
- 7. Water Penetration: No uncontrolled water penetration when tested according to ASTM E331 at a minimum differential pressure of 20 percent of inward-acting, wind-load design pressure of not less than 6.24 lbf/sq ft and not more than 12 lbf/sq ft.

#### 1.4 Submittals

- A. Submit shop drawings and product data under provisions of Division 1.
- B. Indicate materials, dimensions, panel layout, supports, extrusion profiles, clips, construction details, method of anchorage, method of installation, and closures.
- C. Submit manufacturer's available color samples for selection under provisions of Division 1.
- D. Submit manufacturer's installation instructions under provisions of Division 1.

#### 1.5 Delivery, Storage, And Handling

- A. Handle all materials carefully to avoid damage to surface coatings.
- B. Protect materials from traffic, dirt, and stains.
- C. Cover materials at job site until installed. Comply with manufacturer's written instructions.

#### 1.6 Warranty

A. Provide ten (10) year warranty on finish against failures due to noticeable checking, peeling, blistering, and chalking.

#### 2 Products

#### 2.1 Acceptable Manufacturers

- A. Formed Composite Wall Panels:
  - 1. Alusuisse Composites, Inc.; Alucobond.



- 2. Mitsubishi Chemical America, Inc.; Alpolic.
- 3. Reynolds Metals Company; Reynobond PE.
- 4. Alcotex, Inc.; Alcotex.
- 5. Citadel Architectural Products; Sinocore.
- B. Formed Composite Wall Panel System Fabricators:
  - 1. Kanalco Ltd.
  - 2. Sobotec Ltd.
  - 3. Shaffner Heany.
  - 4. Alumitex by Elemex.
- C. Formed Composite Wall Panel Design Intent: Refer to Drawings for location and layout of each system type.

#### 2.2 Materials

- A. Aluminum Sheet: Coil-coated sheet, ASTM B 209, alclad alloy 3003, 3004, or 3105 for painted finishes, with temper as required to suit forming operations and structural performance required.
  - 1. Surface: Smooth, flat finish.
  - 2. Exposed Finishes: Apply the following coating, as specified or indicated on Drawings.
    - a. High-Performance Organic Finish: AA-C12C42R1x (Chemical Finish: cleaned with inhibited chemicals; Chemical Finish: acid-chromate-fluoride-phosphate conversion coating; Organic Coating: as specified below). Prepare, pretreat, and apply coating to exposed metal surfaces to comply with coating and resin manufacturers' written instructions.
      - Fluoropolymer Two-Coat System: Manufacturer's standard two-coat, thermocured system consisting of specially formulated inhibitive primer and fluoropolymer color topcoat containing not less than 70 percent polyvinylidene fluoride resin by weight; complying with AAMA 2605.
  - 3. Concealed Finish: Apply pretreatment and manufacturer's standard white or light-colored acrylic or polyester backer finish, consisting of prime coat and wash coat with a minimum total dry film thickness of 0.5 mil.



B. Aluminum Extrusions: ASTM B 221, alloy and temper recommended by manufacturer for type of use and finish indicated.

#### 2.3 Miscellaneous Materials

- A. Fasteners: Self-tapping screws, bolts, nuts, self-locking rivets and bolts, end-welded studs, and other suitable fasteners designed to withstand design loads. Provide exposed fasteners with heads matching color of metal wall panels by means of plastic caps or factory-applied coating.
  - 1. Fasteners for Composite Panels: Stainless steel.
  - 2. Blind Fasteners: High-strength aluminum or stainless-steel rivets.
- B. Bituminous Coating: Cold-applied asphalt mastic, SSPC-Paint 12, compounded for 15-mil dry film thickness per coat. Provide inert-type noncorrosive compound free of asbestos fibers, sulfur components, and other deleterious impurities.

#### 2.4 Metal-Faced Formed Composite Wall Panel System

- A. General: Provide factory-formed and -assembled metal-faced composite wall panels fabricated from two metal facings bonded, using no glues or adhesives, to solid extruded thermoplastic core; formed into profile for installation method indicated. Include attachment system components and accessories.
- B. Aluminum-Faced Composite Wall Panels: Formed with 0.020-inch-thick, coil-coated aluminum sheet facings.

1. Panel Thickness: 0.157 inch.

2. Core: Standard

3. Exterior Finish: Fluoropolymer.

#### a. Color: Custom Color.

- C. Formed Composite Panel Attachment System Components: Formed from extruded aluminum. Provide steel shapes for supports and attachment where required or indicated on Drawings.
  - 1. Include manufacturer's standard perimeter extrusions with integral weather stripping, panel stiffeners, panel clips and anchor channels.
  - 2. Attachment and Support System: Designed and detailed by panel system fabricator.
- D. Flashing: Same material, finish, and color as facings of adjacent composite panels, unless otherwise indicated.





#### 2.5 Accessories

- A. Wall Panel Accessories: Provide components required for a complete composite metal wall panel assembly including clips, flashings, fillers, closure strips, and similar items. Match material and finish of metal wall panels, unless otherwise indicated.
  - 1. Closure Strips: Provide closure strips at panel joints, fabricated of same metal as metal wall panels.
  - 2. Backing Plates: Provide metal backing plates at panel end splices, fabricated from extruded aluminum.
- B. Ventilated Rain Screen Attachment System: Provide components required for a complete anchorage assembly including all accessories to sufficiently anchor the composite metal panels to the wall system.
  - 1. Basis of Design: MFI-System as manufactured by Knight Wall Systems, or approved equal.
    - a. Anchorage into wall framing system refer to drawings.

#### 2.6 Fabrication

- A. General: Fabricate composite metal panels and accessories at the factory by manufacturer's standard procedures and processes, as necessary to fulfill indicated performance requirements demonstrated by laboratory testing. Comply with indicated dimensional and structural requirements.
- B. Metal-Faced Composite Wall Panels: Factory form panels in a continuous process with no glues or adhesives between dissimilar materials. Trim and square edges of sheets with no displacement of face sheets or protrusion of core material.
  - 1. Fabricate panels with sharply cut edges, with no displacement of face sheets or protrusion of core material.
  - 2. Dimensional Tolerances:

a. Length: Plus 0.375 inch.

b. Width: Plus 0.188 inch.

c. Thickness: Plus or minus 0.008 inch.

d. Panel Bow: 0.8 percent maximum of panel length or width.

e. Squareness: 0.2 inch maximum.

C. Sheet Metal Accessories: Fabricate flashing to comply with recommendations in SMACNA's "Architectural Sheet Metal Manual" that apply to the design, dimensions, metal, and other characteristics of item indicated.



- 1. Form exposed sheet metal accessories that are without excessive oil canning, buckling, and tool marks and that are true to line and levels indicated, with exposed edges folded back to form hems.
- 2. Seams for Aluminum: Fabricate nonmoving seams with flat-lock seams. Form seams and seal with epoxy seam sealer. Rivet joints for additional strength.
- 3. Sealed Joints: Form nonexpansion but movable joints in metal to accommodate elastomeric sealant to comply with SMACNA standards.
- 4. Conceal fasteners and expansion provisions where possible. Exposed fasteners are not allowed on faces of accessories exposed to view.
- 5. Fabricate cleats and attachment devices from same material as accessory being anchored or from compatible, noncorrosive metal recommended by panel manufacturer.

#### 2.7 Finish

- A. Exposed Surfaces: 0.8 mil thick, 70 percent Kynar 500 or Hylar 5000 type finish, over minimum 0.2 mil baked-on modified epoxy primer; of color matching existing composite metal fascia panels.
  - 1. Color: Custom Colors to be selected by Architect and Owner.
- B. Interior Surfaces: Provide 0.2 mil primer and nominal 0.8 mil polyester coating, suitable for field painting.

#### 3 Execution

#### 3.1 Inspection

A. Beginning of installation means acceptance of existing conditions.

#### 3.2 Installation, General

- A. General: Install composite metal panels in orientation, sizes, and locations indicated on Drawings. Anchor composite metal wall panel system and other components of the Work securely in place, with provisions for thermal and structural movement.
  - 1. Field cutting of metal wall panels is not permitted.
  - 2. Shim or otherwise plumb substrates receiving metal wall panels.
  - Flash and seal metal wall panels with weather closures at eaves, rakes, and at perimeter of all openings. Fasten with self-tapping screws. Do not begin installation until weather barrier and flashings that will be concealed by metal wall panels are installed.
  - 4. Install screw fasteners in predrilled holes.



- 5. Locate and space fastenings in uniform vertical and horizontal alignment.
- 6. Install flashing and trim as metal wall panel work proceeds.
- 7. Align bottom of metal wall panels and fasten with blind rivets, bolts, or self-tapping screws. Fasten flashings and trim around openings and similar elements with self-tapping screws.
- B. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with bituminous coating, by applying rubberized-asphalt underlayment to each contact surface, or by other permanent separation as recommended by composite metal panel manufacturer.
  - 1. Coat back side of aluminum with bituminous coating where aluminum will contact wood, ferrous metal, or cementitious construction.

#### 3.3 Metal-Faced Composite Wall Panel Installation

- A. General: Install attachment system required to support wall panels and to provide a complete weathertight wall system, including subgirts, perimeter extrusions, tracks, drainage channels, panel clips, and anchor channels.
  - 1. Include attachment to supports, panel-to-panel joinery, panel-to-dissimilar-material joinery, and panel-system joint seals.
  - Install complete attachment and support system as indicated on Drawings.
  - 3. Do not begin installation until weather barrier and flashings that will be concealed by composite panels are installed.
- B. Rainscreen-Principle Installation: Provide manufacturer's standard pressure-equalized, rainscreen-principle system with vertical channel that provides support and complete secondary drainage system, draining at base of wall. Notch vertical channel to receive support pins. Install vertical channels supported by channel brackets or adjuster angles and at locations, spacings, and with fasteners recommended by manufacturer. Attach wall panels by engaging horizontal support pins into notches in vertical channels and into flanges of wall panels. Leave horizontal and vertical joints with open reveal.
  - Install wall panels to allow individual panels to "free float" and be installed and removed without disturbing adjacent panels.
- C. Wall-Cladding Installation: Provide manufacturer's standard installation over substrate indicated on drawings.
  - a. Over Building Air Barrier System: Refer to Specification Section 07 27 30.





#### 3.4 Accessory Installation

- A. General: Install accessories with positive anchorage to building and weathertight mounting and provide for thermal expansion. Coordinate installation with flashings and other components.
  - 1. Install components required for a complete metal wall panel assembly including trim, flashings, gaskets, fillers, closure strips, and similar items.
- B. Flashing: Comply with performance requirements, manufacturer's written installation instructions, and SMACNA's "Architectural Sheet Metal Manual." Provide concealed fasteners where possible, and set units true to line and level as indicated. Install work with laps, joints and seams that will be permanently watertight and weather resistant.

#### 3.5 Tolerances

- A. Maximum Offset From True Alignment Between Adjacent Members Butting or In Line: 1/16 inch.
- B. Maximum Variation from Plane or Location Indicated on Drawings: 1/8 inch.

#### **END OF SECTION**

#### VOLUME ONE SHEET INDEX **GENERAL GENERAL** G-103 COVER SHEET - VOLUME 2 G-101 COVER SHEET - VOLUME G-104 SHEET INDEX - VOLUME 2 G-102 SHEET INDEX - VOLUME 1 G-201 LIFE SAFETY PLAN **MECHANICAL** G-301 TYPICAL MOUNTING HEIGHTS, PARTITION TYPES, ABBREVIATIONS, SYMBOLOGY, AND LEGEND M-001 MECHANICAL NOTES, SYMBOLS & ABBREVIATIONS MD101 UNIT "A" MECHANICAL FIRST FLOOR DEMOLITION PLAN MD102 UNIT "B" MECHANICAL FIRST FLOOR DEMOLITION PLAN MD103 UNITS "C" & "D" MECHANICAL FIRST FLOOR DEMOLITION PLAN MD104 UNIT "E" MECHANICAL FIRST FLOOR DEMOLITION PLAN C-1.0 TOPOGRAPHY & EXISTING UTILITIES MD201 MECHANICAL MEZZANINE DEMOLITION PLAN C-1.1 DEMOLITION PLAN C-1.2A DEMOLITION PLAN MV101 UNIT "A" MECHANICAL FIRST FLOOR VENTILATION PLAN MV102 UNIT "B" MECHANICAL FIRST FLOOR VENTILATION PLAN C-2.0 SITE PLAN C-2.1A SITE PLAN MV103 UNIT "C" MECHANICAL FIRST FLOOR VENTILATION PLAN MV104 UNIT "D" MECHANICAL FIRST FLOOR VENTILATION PLAN C-3.0 DRAINAGE & UTILITIES PLAN MV105 UNIT "E" MECHANICAL FIRST 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ELEVATIONS & SECTIONS K-603 UNIT "D" FOODSERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS

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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 01/11/23 COORDINATED BY DRAWN BY GWT PCD

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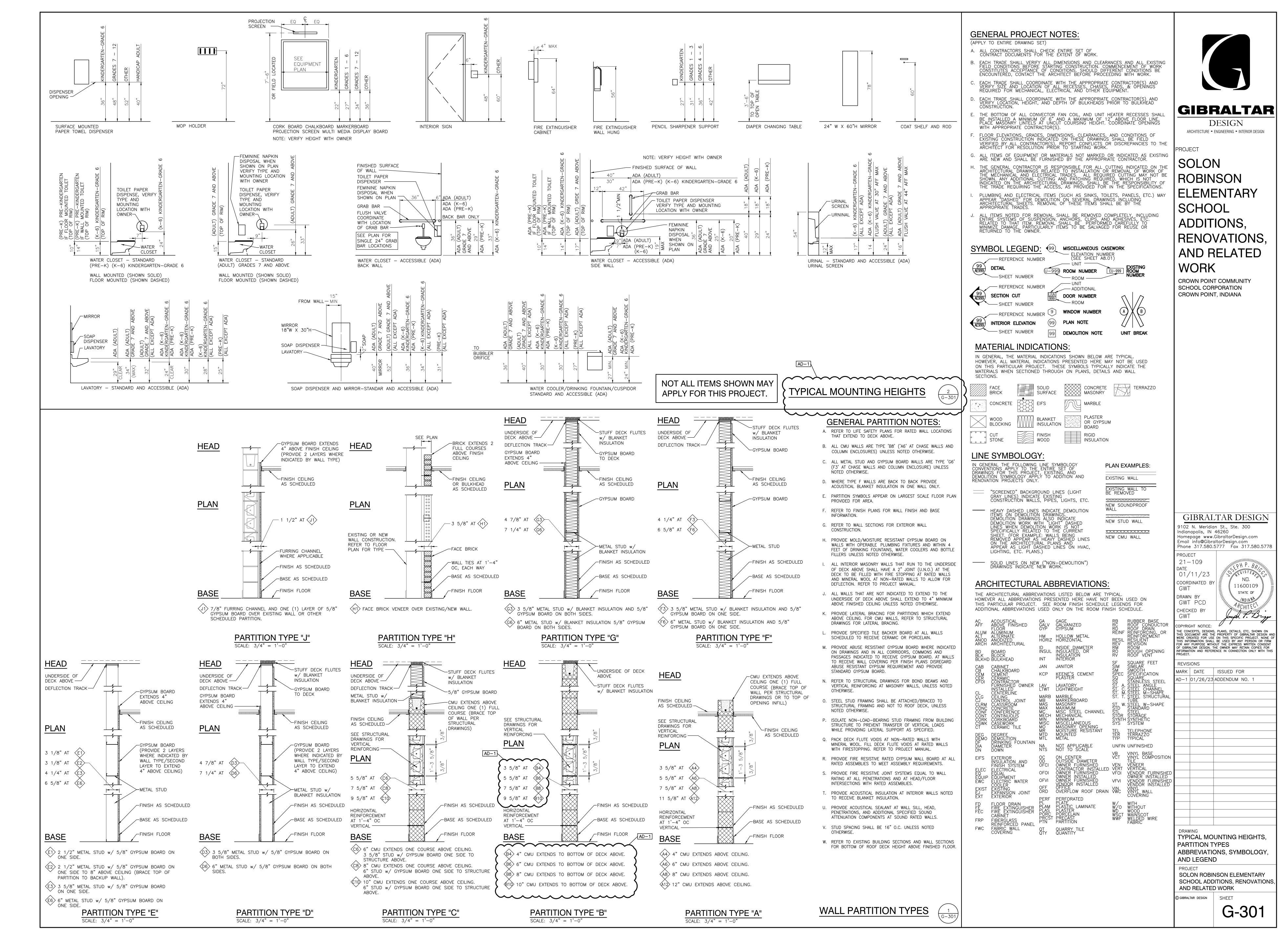
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**VOLUME ONE** 

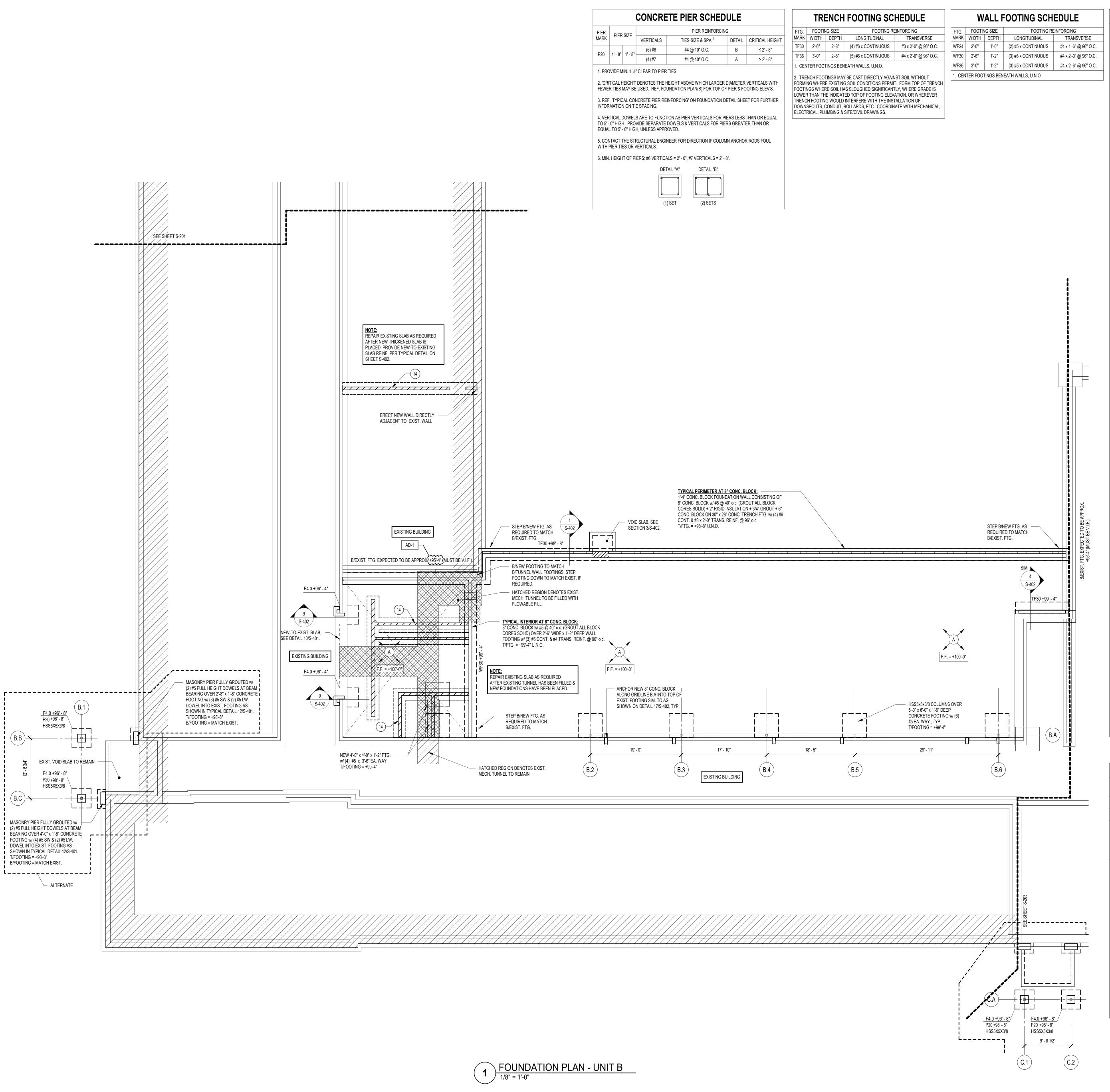
SHEET INDEX

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS. AND RELATED WORK

©GIBRALTAR DESIGN SHEET G-102



Thursday, 1/26/2023 — 3:57 PM — LAST SAVED BY:PDEGROI Y:\21—109 CROWN POINT CSC — ROBINSON ES IMPROVEMENTS\21—109 DRAWINGS\02 GENR\G—301.DWG



## FOUNDATION PLAN NOTES

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.

2. 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.

> 3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.

4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION +100'-0" (U.S.G.S. XXX.XX). REF. CIVIL DWGS.

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

6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.

7. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.

8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.

9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.

10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.

11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL. REF. TYPICAL FOOTING UNDERCUT DETAILS 6 & 7/S-401.

12. AT APPLICABLE LOCATIONS. REPAIR EXISTING SLAB AS REQUIRED AFTER NEW FOOTINGS & THICKENED SLABS HAVE BEEN INSTALLED. REFER TO SHEET S-401 FOR NEW-TO-EXISTING

13. ALL EX. CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE 16/S-402 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.

15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

16. FOR ARCHITECTURAL PILASTERS NOT SUPPORTING STEEL COLUMNS, CONSTRUCT AS FULLY-GROUTED MASONRY PIERS OR CAST-IN-PLACE CONCRETE PIERS REINF'D W/ #5 VERTICAL REINFORCING AT 12" O.C. ALL FACES, AT CONTRACTOR'S OPTION.

17. DENOTES INTERIOR CONC. BLOCK PARTITION WALL w/ #4 @, 48" o.c. (GROUT SOLID AT BARS) ON EXIST. CONC. SLAB ON GRADE PER DETAIL 17/S-402.

DENOTES FINISH FLOOR

DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC. T/'X' DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.

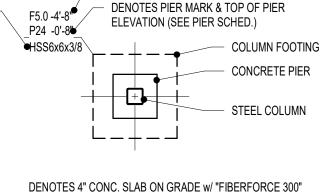
DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT WF30 -20'-0" DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)

\_\_\_\_ DENOTES WALL FOOTING WITH STEPS, REF. TYP. \_\_\_\_ DETAIL ON S-401 \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ 4'0" 4'0" 5'4"

DENOTES COLUMN — F5.0 -4'-8" SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FDNS)

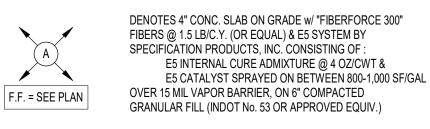
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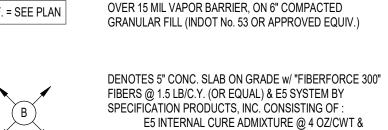
18. PLAN LEGEND:

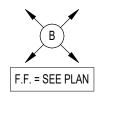


DENOTES COLUMN FOOTING MARK & TOP

OF FTG. ELEVATION (SEE FTG. SCHED.)





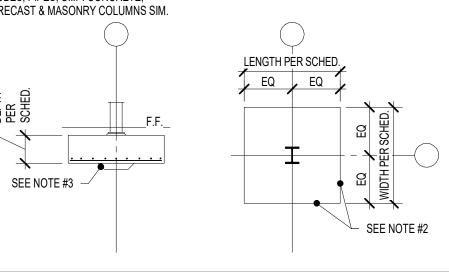


FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.)

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

FOOTING	Į.	OOTING SIZ	ZE	REINFORCING
MARK	WIDTH x	LENGTH	x DEPTH	(EACH WAY - U.N.O.)
F4.0	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"
F6.0	6'-0"	6'-0"	1'-2"	(6) #5 x 5'-6"
F6.0x4.0	6'-0"	4'-0"	SEE PLAN	(6) #5 x 3'-6" (SW) 2 x (4) #5 x 2'-2" (LW)
F8.0x6.0	8'-0"	6'-0"	SEE PLAN	(8) #6 x 5'-6" (SW) 2 x (6) #5 x 3'-2" (LW)

TUBES, PIPES, C.I.P. CONCRETE, PRECAST & MASONRY COLUMNS SIM.





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PROJECT

SOLON **ROBINSON ELEMENTARY SCHOOL** ADDITIONS, RENOVATIONS, **AND RELATED** WORK **CROWN POINT COMMUNITY** 

SCHOOL CORPORATION

CEDAR LAKE, 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 01/11/23 **COORDINATED BY** 

**DRAWN BY** 

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MARK	DATE	ISSUED FOR			
4D-1	01.26.23	ADDENDUM #1			

DRAWING FOUNDATION PLAN -

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS

AND RELATED WORK

## FOUNDATION PLAN NOTES

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.

2. 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

3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.

4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION

+100'-0" (U.S.G.S. XXX.XX). REF. CIVIL DWGS. 5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER

6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.

NOT BE INDICATED.

OF ANY DISCREPANCIES.

7. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.

8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.

9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.

10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.

11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL. REF. TYPICAL FOOTING UNDERCUT DETAILS 6 & 7/S-401.

12. AT APPLICABLE LOCATIONS, REPAIR EXISTING SLAB AS REQUIRED AFTER NEW FOOTINGS & THICKENED SLABS HAVE BEEN INSTALLED. REFER TO SHEET S-401 FOR NEW-TO-EXISTING

13. ALL EX. CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE 16/S-402 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.

15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO. CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

16. FOR ARCHITECTURAL PILASTERS NOT SUPPORTING STEEL COLUMNS, CONSTRUCT AS FULLY-GROUTED MASONRY PIERS OR CAST-IN-PLACE CONCRETE PIERS REINF'D W/ #5 VERTICAL REINFORCING AT 12" O.C. ALL FACES, AT CONTRACTOR'S OPTION.

17. DENOTES INTERIOR CONC. BLOCK PARTITION WALL w/ #4 @ 48" o.c. (GROUT SOLID AT BARS) ON EXIST. CONC. SLAB ON GRADE PER DETAIL 17/S-402.

18. PLAN LEGEND: DENOTES FINISH FLOOR

DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.

DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.

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 -2'8" -4'0" -4'0" -5'4"

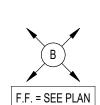
**## ##** 

DENOTES COLUMN — F5.0 -4'-8 SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FDNS)

DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.) - DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.) P24 -0'-8⊌ --+- COLUMN FOOTING HSS6x6x3/8 CONCRETE PIER — STEEL COLUMN



DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (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/C.Y. (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 INTERIOR NON-LOAD BEARING WALLS, SEE NOTES 16 & COORDINATE EXACT EXTENTS AND

LOCATIONS w/ ARCHITECTURAL DRAWINGS.

## WALL FOOTING SCHEDULE

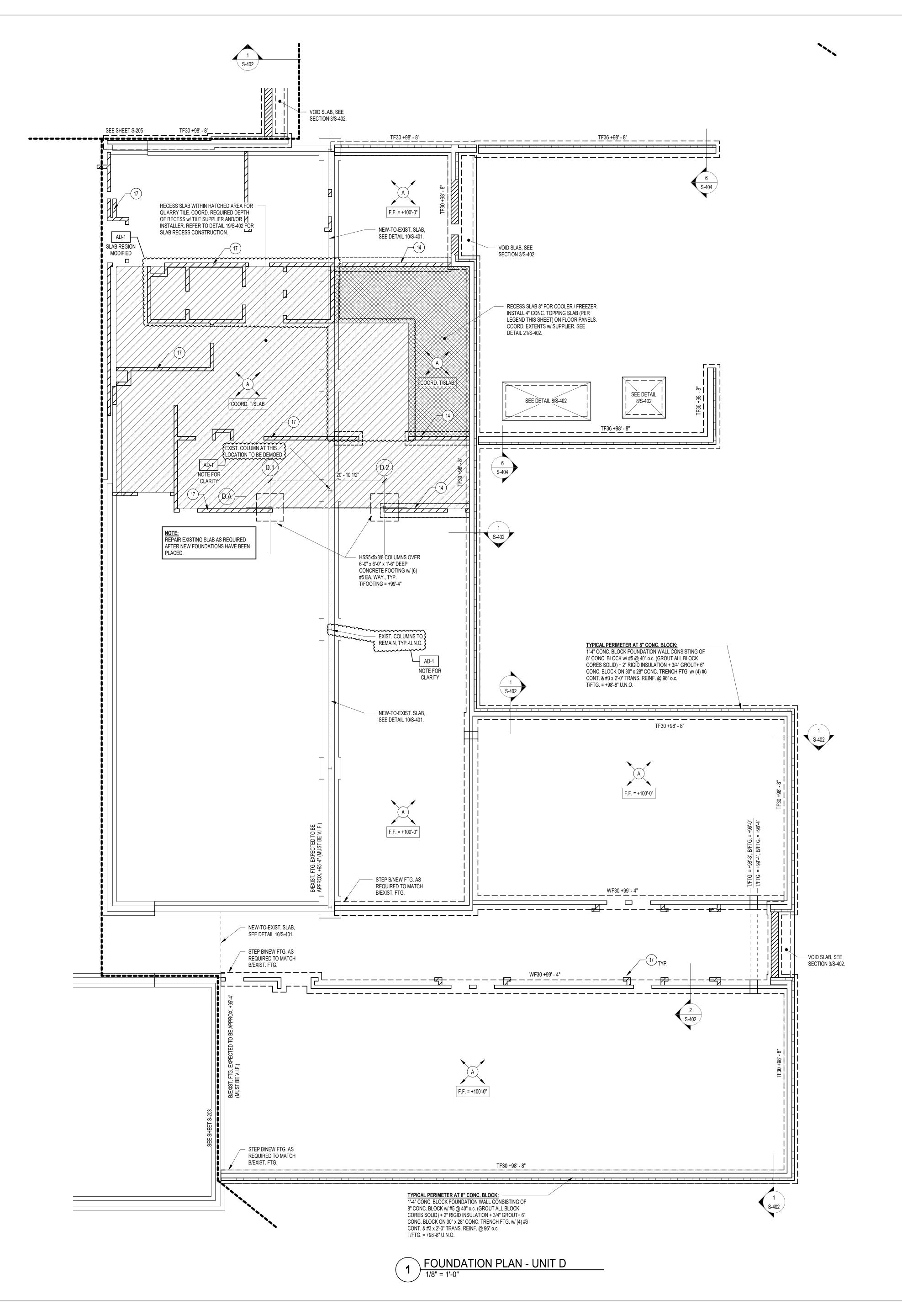
TG. FOOTING SIZE		IG SIZE	FOOTING RE	EINFORCING
ARK	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
F24	2'-0"	1'-0"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C.
F30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C.
F36	3'-0"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.

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

## TRENCH FOOTING SCHEDULE

FTG. FOOTING		IG SIZE	FOOTING RE	EINFORCING
MARK	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
TF30	2'-6"	2'-8"	(4) #6 x CONTINUOUS	#3 x 2'-0" @ 96" O.0
TF36	3'-0"	2'-8"	(5) #6 x CONTINUOUS	#4 x 2'-6" @ 96" O.0
1 CEN	ITER FOOT	INGS BEN	FATH WALLS LIN 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.





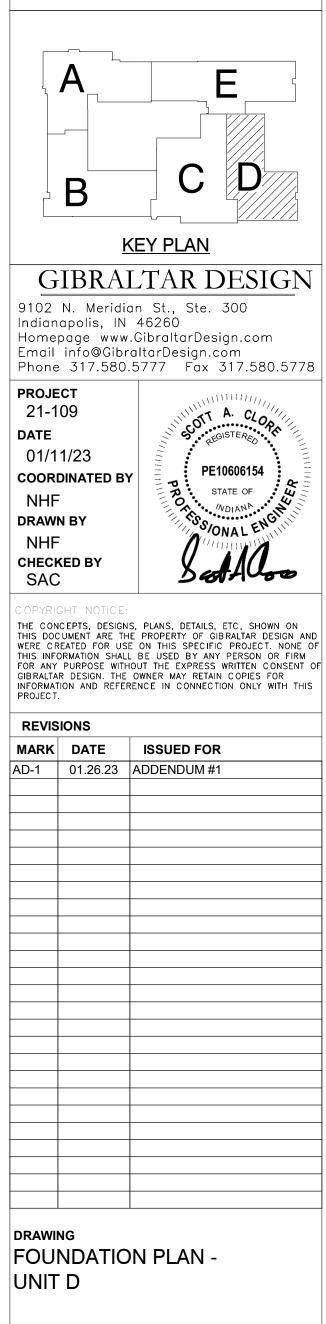
**GIBRALTAR** DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**PROJECT** 

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

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CEDAR LAKE, INDIANA



SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

SOLON ROBINSON ELEMENTARY

# B/EXIST. FTG. EXPECTED TO BE APPROX (+95'-4") MUST BE V.I.F.) STEP B/NEW FTG. AS REQUIRED TO MATCH 1 B/EXIST. FTG. STEP B/NEW FTG. AS REQUIRED TO MATCH NEW TOPPING VOID B/EXIST. FTG. SLAB, SEE SECTION لطا VOID SLAB, SEE -SECTION 3/S-402. SECTION 3/S-402. SEE SHEET S-203 \_\_\_\_ B/EXIST. FTG. EXPECTED TO BE APPROX. +95'-4" (MUST BE V.I.F EXISTING BUILDING

## TRENCH FOOTING SCHEDULE

FTG.	FOOTIN	IG SIZE	FOOTING RE	EINFORCING
MARK	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
TF30	2'-6"	2'-8"	(4) #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.

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.

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

WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS. 4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION

+100'-0" (U.S.G.S. XXX.XX). REF. CIVIL DWGS.

NOT BE INDICATED.

3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.

5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER

FOUNDATION PLAN NOTES

2. 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

OF ANY DISCREPANCIES.

6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.

7. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.

8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.

9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.

10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.

11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL. REF. TYPICAL FOOTING UNDERCUT DETAILS 6 & 7/S-401.

12. AT APPLICABLE LOCATIONS. REPAIR EXISTING SLAB AS REQUIRED AFTER NEW FOOTINGS & THICKENED SLABS HAVE BEEN INSTALLED. REFER TO SHEET S-401 FOR NEW-TO-EXISTING SLAB DETAIL.

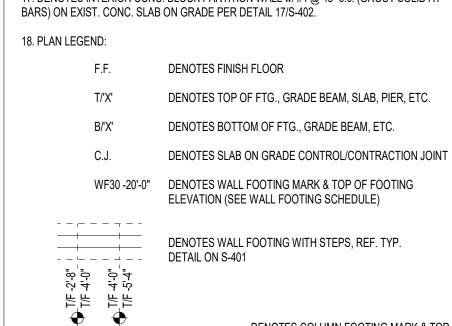
13. ALL EX. CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE 16/S-402 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.

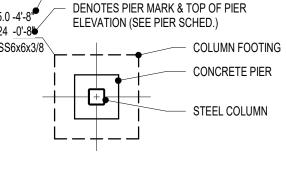
15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

16. FOR ARCHITECTURAL PILASTERS NOT SUPPORTING STEEL COLUMNS, CONSTRUCT AS FULLY-GROUTED MASONRY PIERS OR CAST-IN-PLACE CONCRETE PIERS REINF'D W/ #5

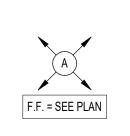
VERTICAL REINFORCING AT 12" O.C. ALL FACES, AT CONTRACTOR'S OPTION. 17. DENOTES INTERIOR CONC. BLOCK PARTITION WALL w/ #4 @ 48" o.c. (GROUT SOLID AT



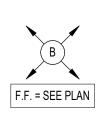
DENOTES COLUMN — SIZE (REF. FRAMING P24 -0'-8⊌ PLANS FOR STUB COL'S NOT ON FDNS)



- DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.)



DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (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/C.Y. (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 INTERIOR NON-LOAD BEARING WALLS, SEE NOTES 16 & . COORDINATE EXACT EXTENTS AND LOCATIONS w/ ARCHITECTURAL DRAWINGS.



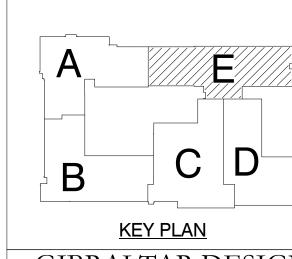
**GIBRALTAR** DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

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

CROWN POINT COMMUNITY SCHOOL CORPORATION CEDAR LAKE, INDIANA



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

21-109 DATE 01/11/23 **COORDINATED BY DRAWN BY** 

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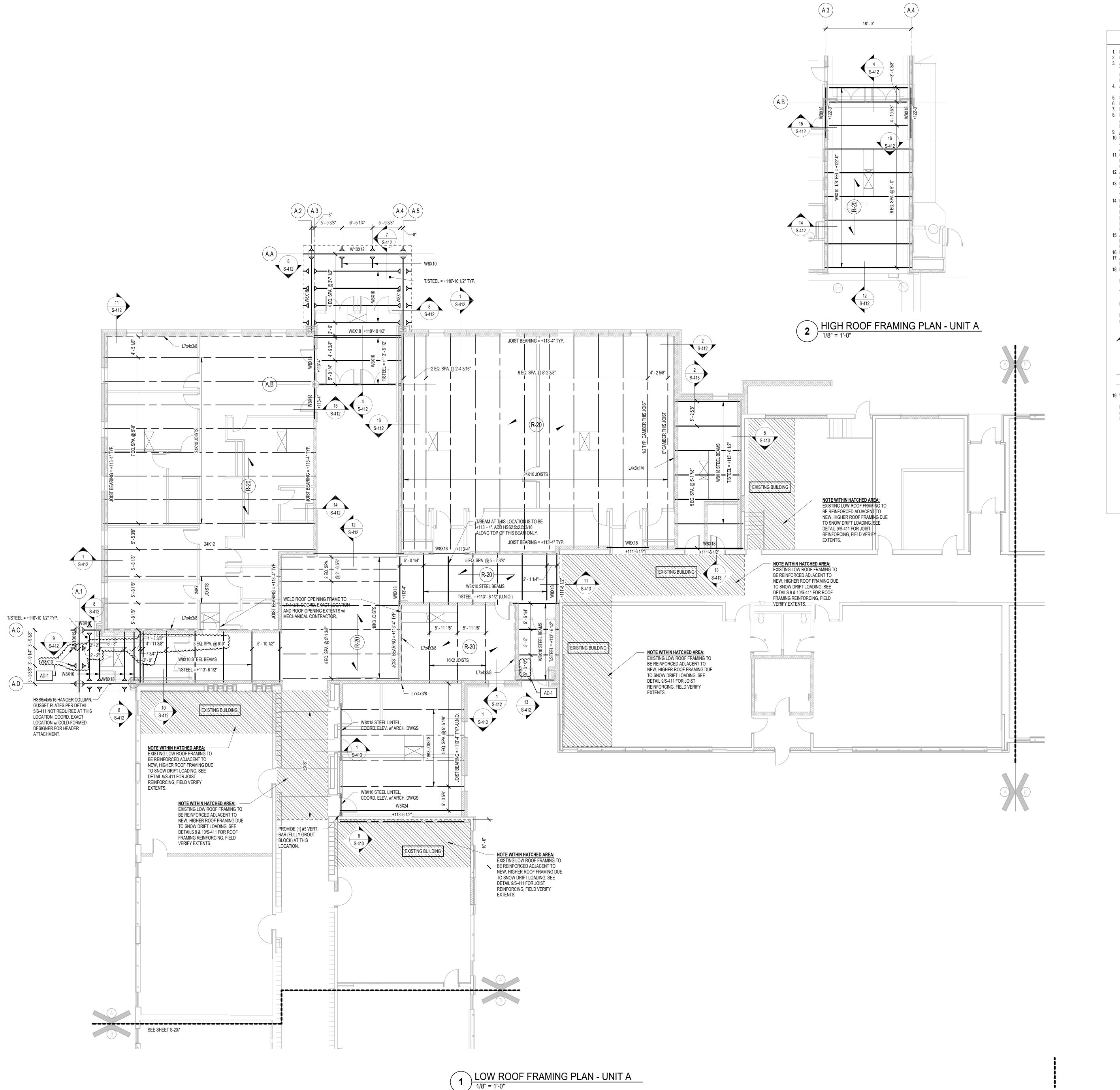


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REVISIONS				
MARK	DATE	ISSUED FOR		
AD-1	01.26.23	ADDENDUM #1		

FOUNDATION PLAN -

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATION AND RELATED WORK



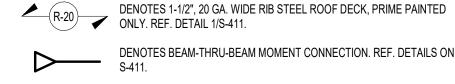
### FRAMING PLAN NOTES

- 1. 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.
- 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.
- 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 11/S-411 FOR
- ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.

  9. 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.

  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 VERT'S. 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.
- 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
- T//X' DENOTES TOP OF STEEL, SLAB, ETC.
- B/'X' DENOTES BOTTOM OF LINTEL, ETC.
- E.O.D. DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.)
  (or EOD) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED

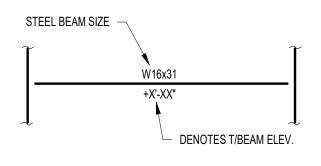


DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S-411.

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.

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



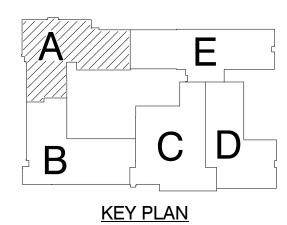
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PROJECT

SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CEDAR LAKE, INDIANA



GIBRALTAR DESIGN

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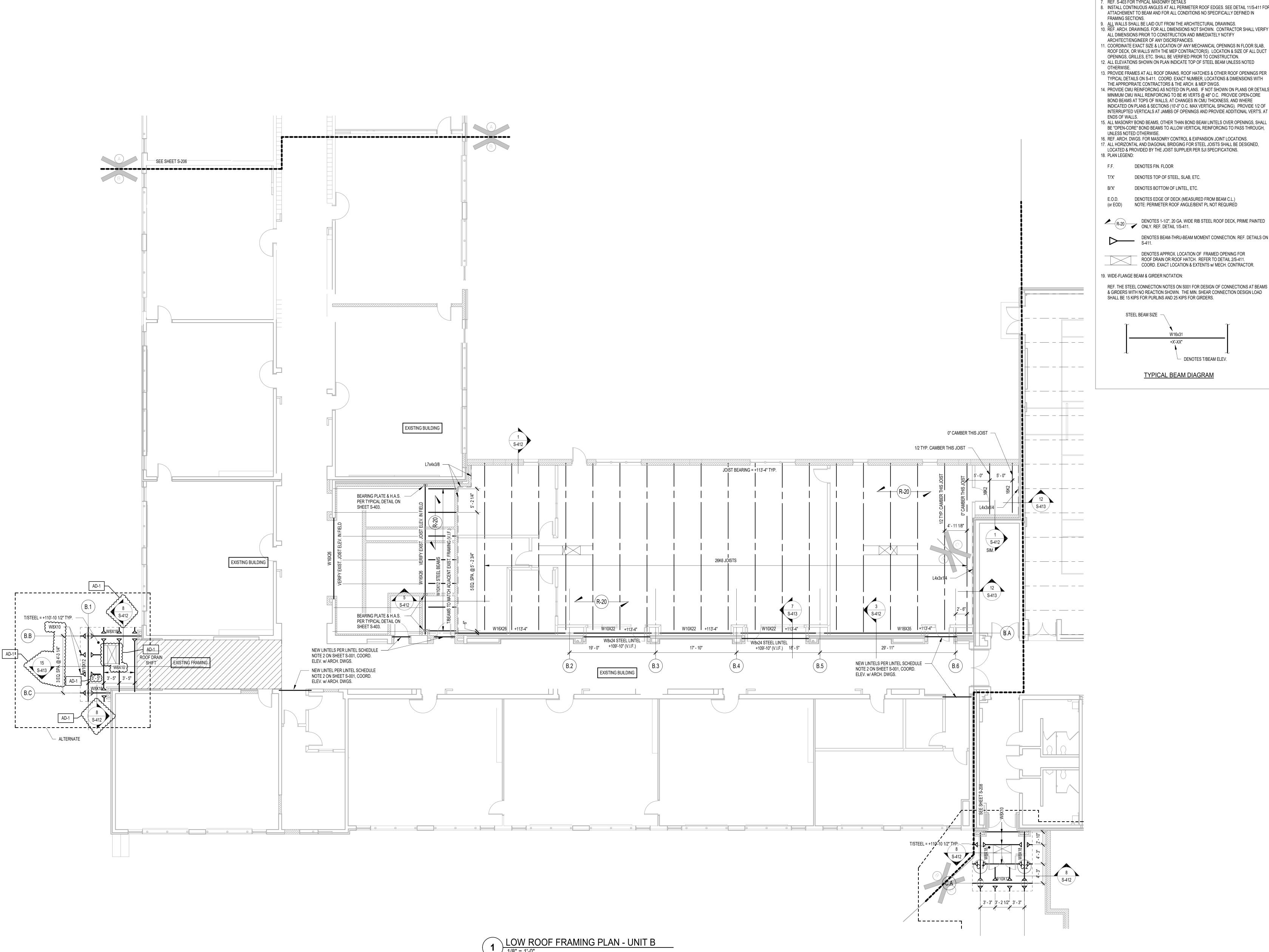
DRAWING ROOF FRAMING PLANS - UNIT A

PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

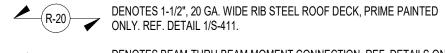
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S-206



## FRAMING PLAN NOTES

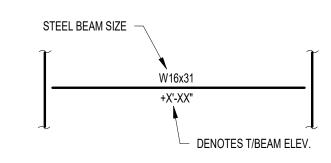
- 1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
- 2. REF. THE S-400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS. 3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT
- IN THE 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 11/S-411 FOR
- ATTACHEMENT 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
- 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.
- 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
- 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.
- DENOTES FIN. FLOOR
- DENOTES TOP OF STEEL, SLAB, ETC.
- DENOTES BOTTOM OF LINTEL, ETC.
- DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED





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



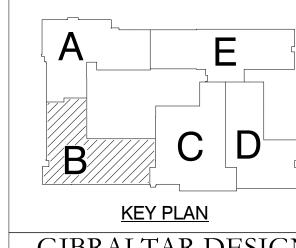
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PROJECT

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

CROWN POINT COMMUNITY SCHOOL CORPORATION CEDAR LAKE, INDIANA



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21-109 DATE 01/11/23 **COORDINATED BY** DRAWN BY

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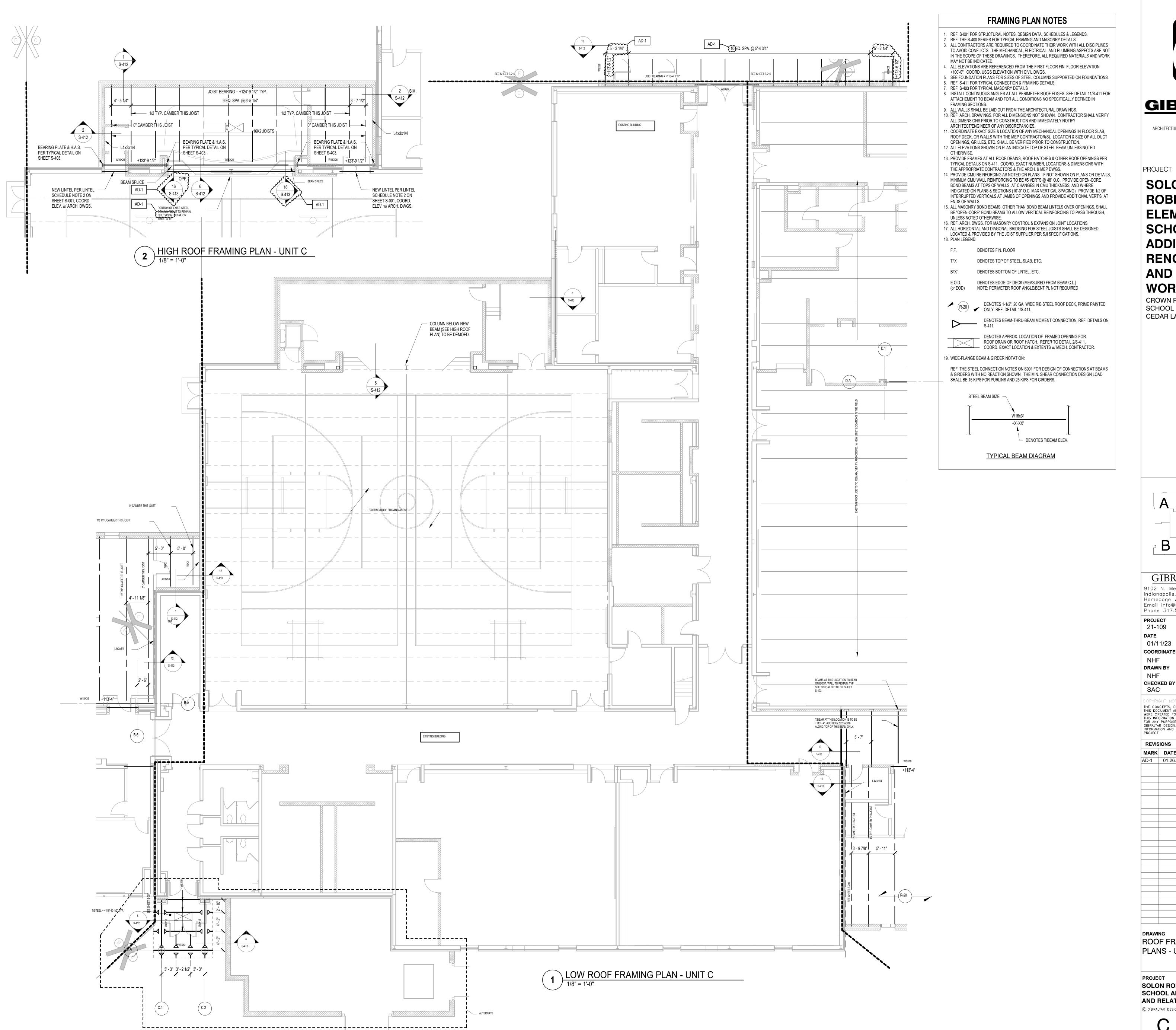
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ROOF FRAMING PLAN - UNIT B

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK\_





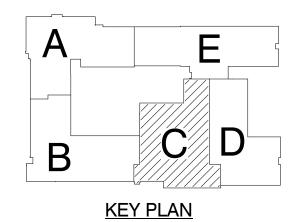
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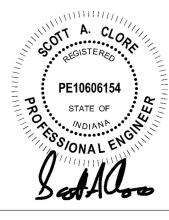
CROWN POINT COMMUNITY SCHOOL CORPORATION CEDAR LAKE, INDIANA



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Phone 317.580.5777 Fax 317.580.5778

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



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ROOF FRAMING PLANS - UNIT C

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATION AND RELATED WORK

## 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 11/S-411 FOR ATTACHEMENT 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
- 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 VERT'S. 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.
- DENOTES FIN. FLOOR
- T/'X' DENOTES TOP OF STEEL, SLAB, ETC.
- DENOTES BOTTOM OF LINTEL, ETC.
- DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) (or EOD) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED

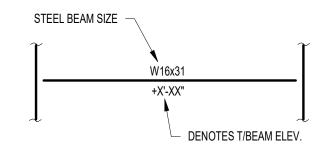
18. PLAN LEGEND:

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

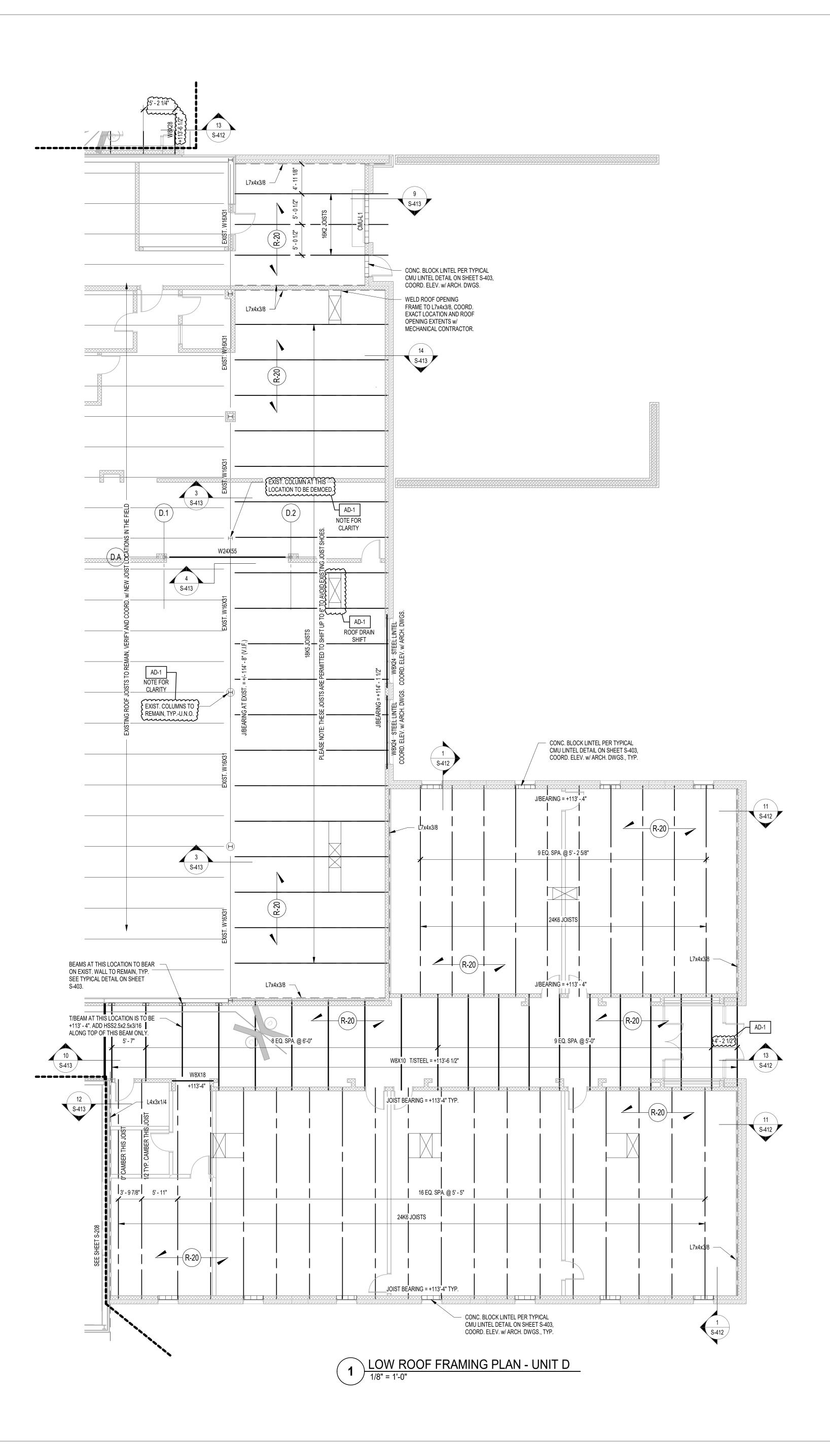
DENOTES APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 2/S-411.
COORD. EXACT LOCATION & EXTENTS w/ MECH. CONTRACTOR.

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





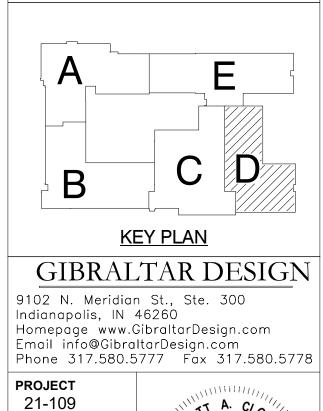
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PROJECT

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

CROWN POINT COMMUNITY SCHOOL CORPORATION CEDAR LAKE, INDIANA



PE10606154

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DATE

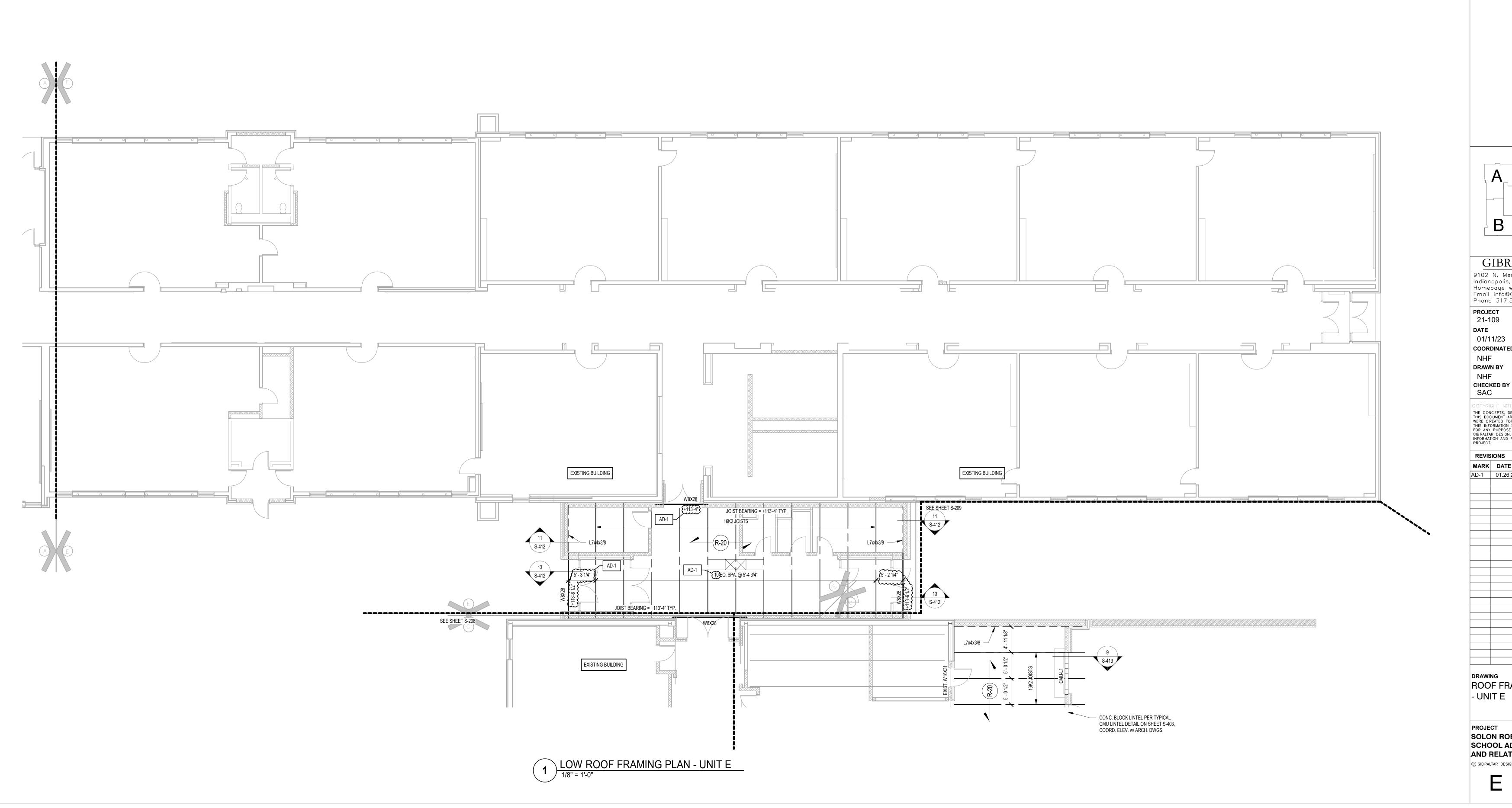
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ROOF FRAMING PLAN - UNIT D

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK





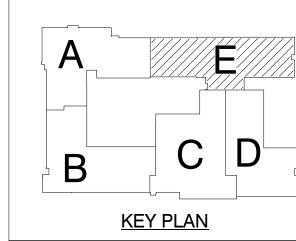
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**SOLON ROBINSON ELEMENTARY** SCHOOL ADDITIONS, RENOVATIONS, **AND RELATED** WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CEDAR LAKE, INDIANA



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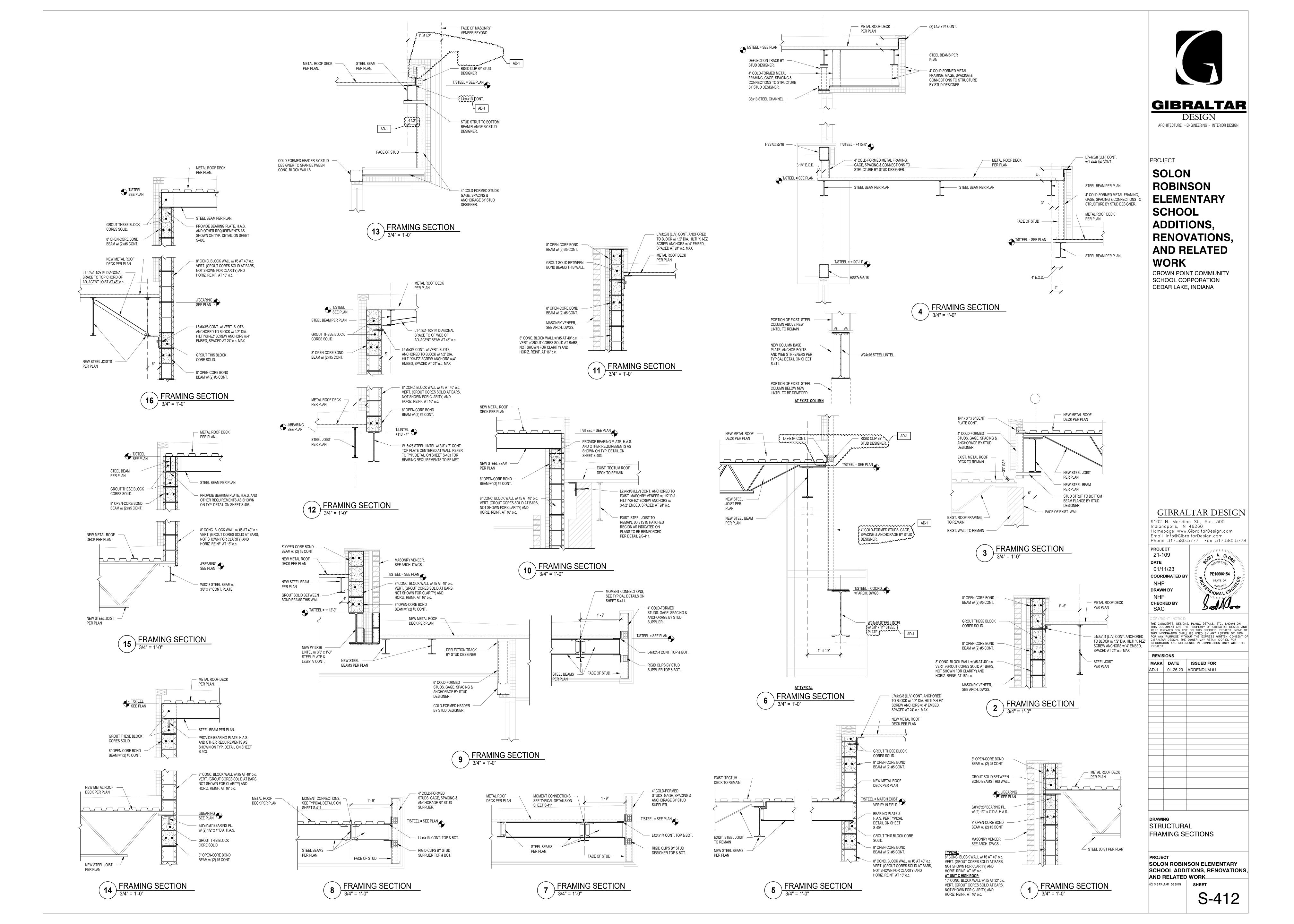
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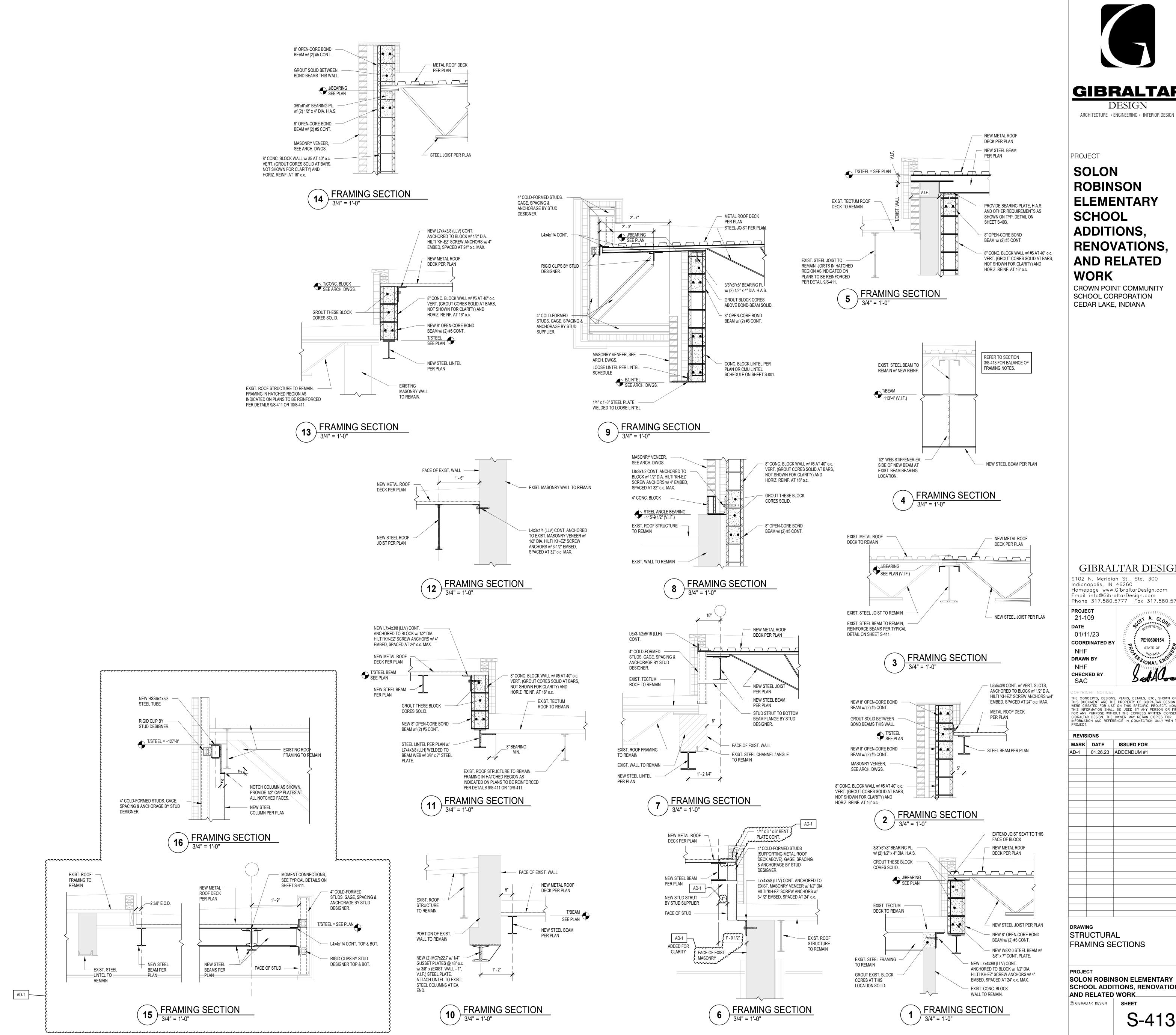
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**ROOF FRAMING PLAN** - UNIT E

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK







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PROJECT

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

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CEDAR LAKE, INDIANA

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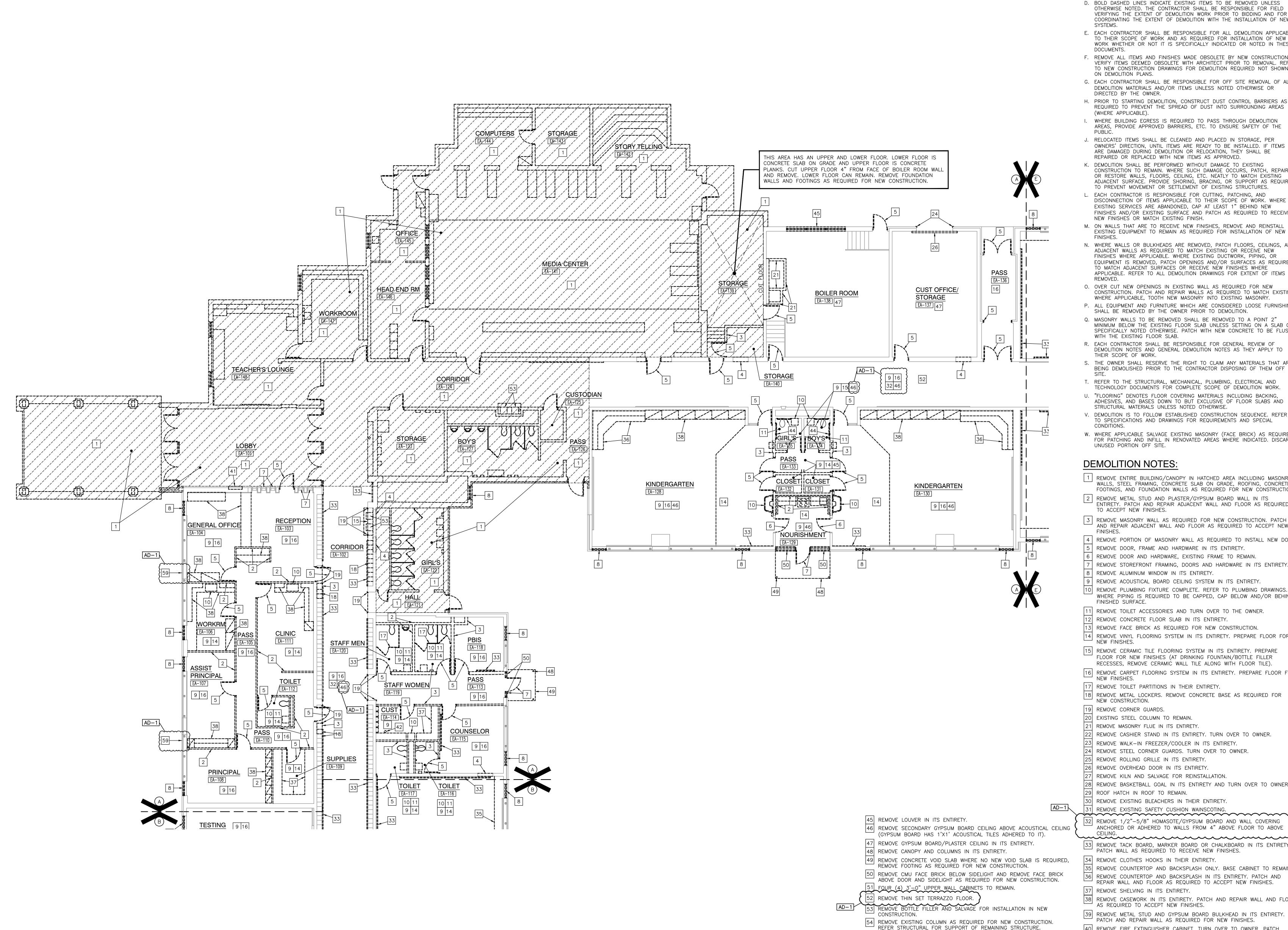
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DRAWING STRUCTURAL FRAMING SECTIONS

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

S-413



## **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
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE
- OWNER AND THE OWNERS REPRESENTATIVE. D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW
- 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
- 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.
- 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
- 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. 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
- M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW

NEW FINISHES OR MATCH EXISTING FINISH.

- 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
- 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
- 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
- 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. REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS
- 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

ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED

- 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. 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.
- 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.
- FLOOR FOR NEW FINISHES (AT DRINKING FOUNTAIN/BOTTLE FILLER RECESSES, REMOVE CERAMIC WALL TILE ALONG WITH FLOOR TILE).

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- 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.
- 1 REMOVE MASONRY FLUE IN ITS ENTIRETY. REMOVE CASHIER STAND IN ITS ENTIRETY. TURN OVER TO OWNER.
- 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.

55 REMOVE MASONRY WALL ABOVE.

for NEW CONSTRUCTION.

59 REMOVE EXISTING LOUVER.

56 REMOVE TECHNOLOGY CABINET. REFER TO TECHNOLOGY DRAWINGS.

58 REMOVE WALLPAPER FRIEZE. PREPARE WALL FOR NEW FINISHES.

57 REMOVE MASONRY/CONCRETE TUNNEL IN ITS ENTIRETY AS REQUIRED

- 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 WAINSCOTING.
- 32 REMOVE 1/2"-5/8" HOMASOTE/GYPSUM BOARD AND WALL COVERING ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE
- 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. 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 FLO AS REQUIRED TO ACCEPT NEW FINISHES.

42 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.

45 REMOVE LOUVER IN ITS ENTIRETY.

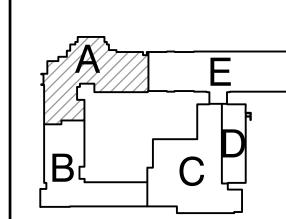
- REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY.
  PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.
- 40 REMOVE FIRE EXTINGUISHER CABINET. TURN OVER TO OWNER. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES. 41 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS.
- 43 REMOVE 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.



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ROBINSON SCHOOL AND RELATED

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

GIBRALTAR DESIGN 102 N. Meridian St., Ste. 300 dianapolis, IN 46260

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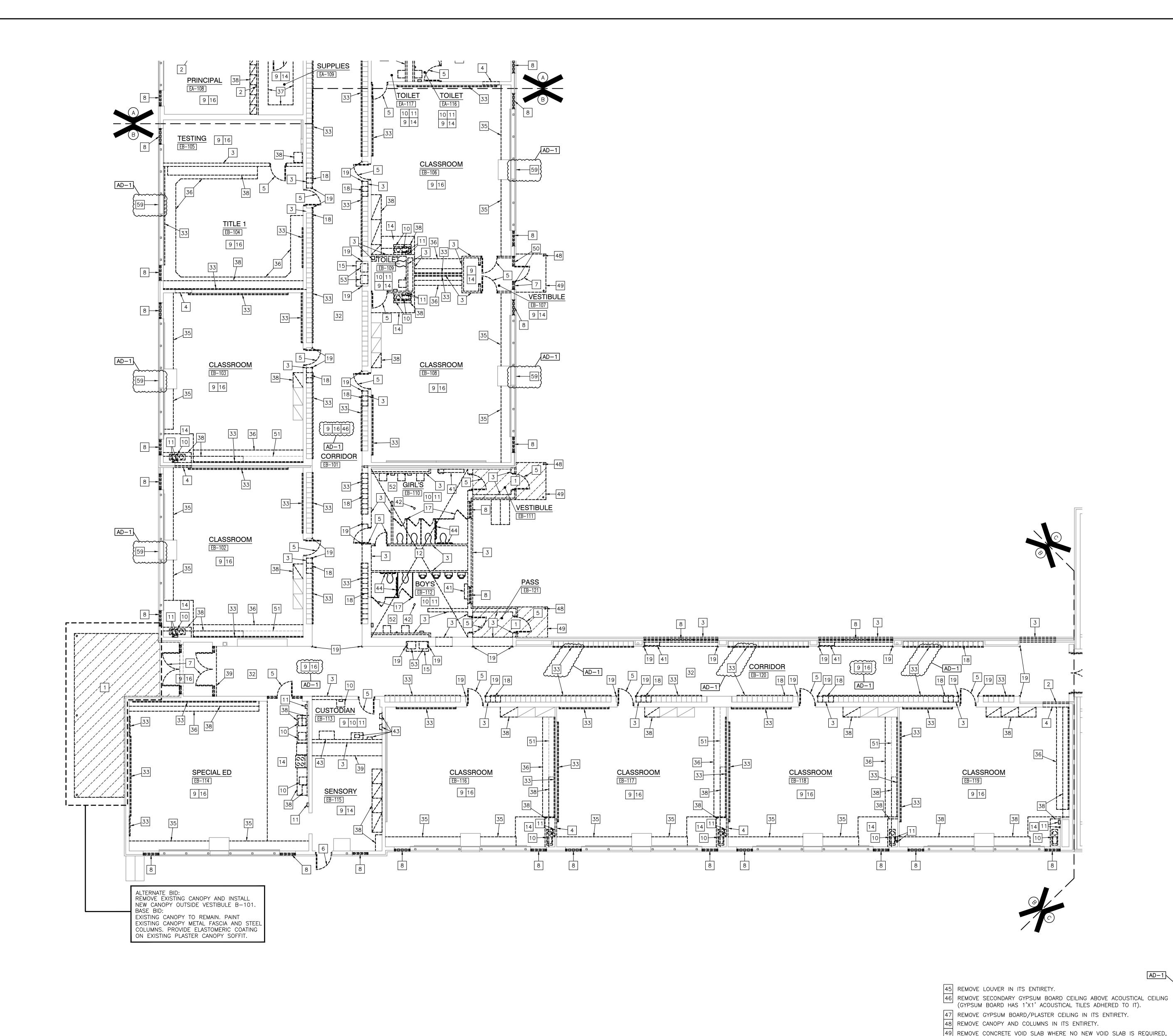
**UNIT "A" ARCHITECTURAL** FIRST FLOOR DEMOLITION PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET

AD101

UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN SCALE: 1/8" = 1'-0"



**GENERAL DEMOLITION NOTES** 

(WHERE APPLICABLE).

- 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
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- COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW
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- ON DEMOLITION PLANS. G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR

TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN

- DIRECTED BY THE OWNER. H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE
- 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
- 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 T
- 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
- 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
- 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
- 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.
- 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.
- 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). RECESSES, REMOVE CERAMIC WALL TILE ALONG WITH FLOOR TILE).

  16 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS
- 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.
- 1 REMOVE MASONRY FLUE IN ITS ENTIRETY.
- REMOVE CASHIER STAND IN ITS ENTIRETY. TURN OVER TO OWNER.
- REMOVE WALK-IN FREEZER/COOLER IN ITS ENTIRETY. 24 REMOVE STEEL CORNER GUARDS. TURN OVER TO OWNER.

37 REMOVE SHELVING IN ITS ENTIRETY.

25 REMOVE ROLLING GRILLE IN ITS ENTIRETY.

31 REMOVE EXISTING SAFETY CUSHION WAINSCOTING.

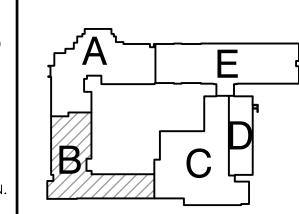
- 26 REMOVE OVERHEAD DOOR IN ITS ENTIRETY. REMOVE KILN AND SALVAGE FOR REINSTALLATION.
- 28 REMOVE BASKETBALL GOAL IN ITS ENTIRETY AND TURN OVER TO OWNER. 29 ROOF HATCH IN ROOF TO REMAIN. 30 REMOVE EXISTING BLEACHERS IN THEIR ENTIRETY.
- 32 REMOVE 1/2"-5/8" HOMASOTE/GYPSUM BOARD AND WALL COVERING ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE
- 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.
- 38 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLO AS REQUIRED TO ACCEPT NEW FINISHES.
- REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY.
  PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.
- 40 REMOVE FIRE EXTINGUISHER CABINET. TURN OVER TO OWNER. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES. 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.



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ROBINSON SCHOOL AND RELATED

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

GIBRALTAR DESIGN

	Indianapolis, IN 4	6260		
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	Email info@Gibral	tarDes	sign.c	om
	Phone 317.580.5	777	Fax	317.580.5
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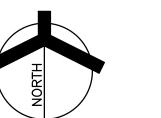
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DRAWING **UNIT "B" ARCHITECTURAL** FIRST FLOOR DEMOLITION

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET AD102 B

UNIT "B" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN SCALE: 1/8" = 1'-0"



55 REMOVE MASONRY WALL ABOVE. [56] REMOVE TECHNOLOGY CABINET. REFER TO TECHNOLOGY DRAWINGS. 77 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.

52 REMOVE THIN SET TERRAZZO FLOOR.

REMOVE FOOTING AS REQUIRED FOR NEW CONSTRUCTION.

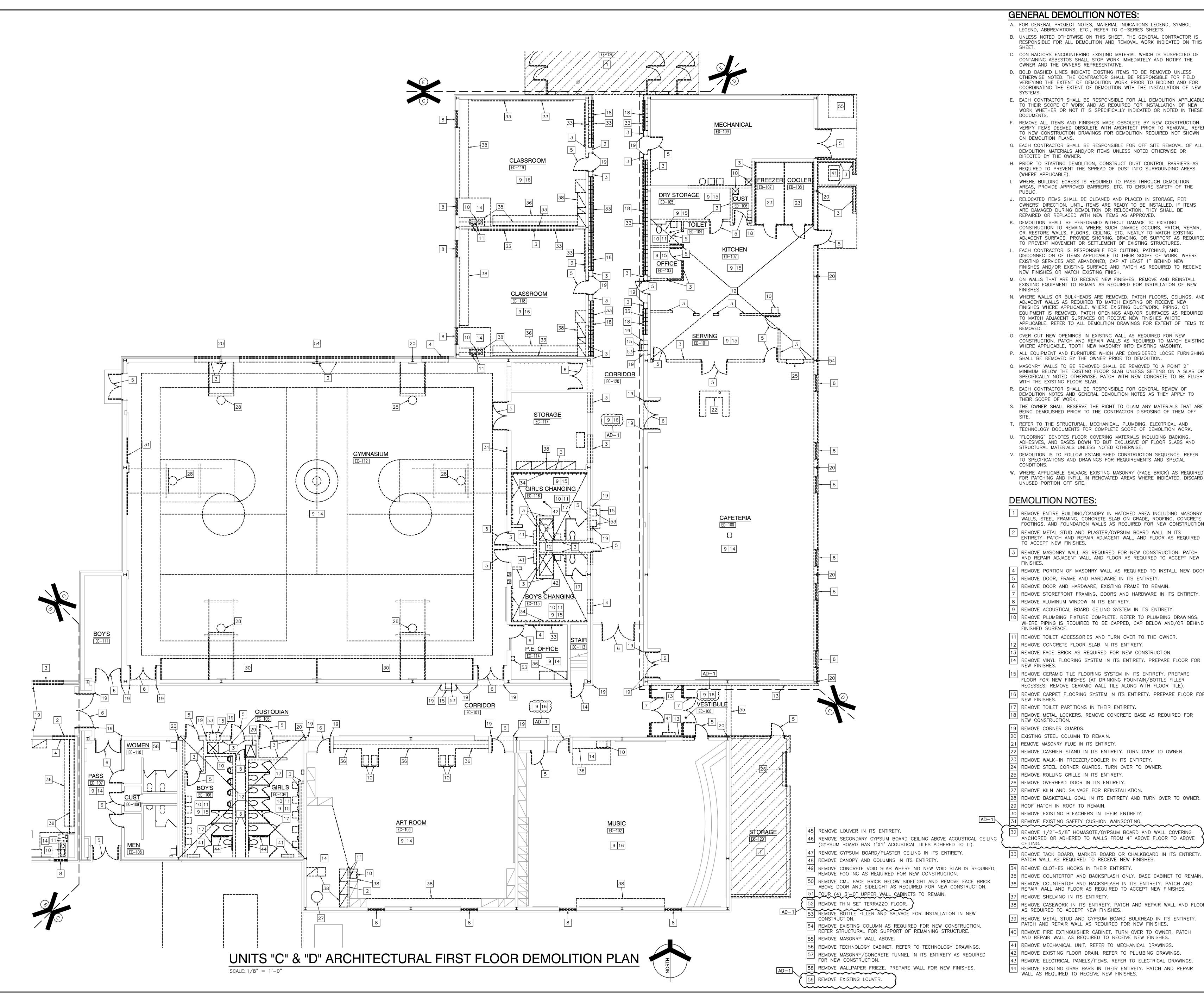
53 REMOVE BOTTLE FILLER AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION.

54 REMOVE EXISTING COLUMN AS REQUIRED FOR NEW CONSTRUCTION. REFER STRUCTURAL FOR SUPPORT OF REMAINING STRUCTURE.

51 FOUR (4) 3'-0" UPPER WALL CABINETS TO REMAIN.

50 REMOVE CMU FACE BRICK BELOW SIDELIGHT AND REMOVE FACE BRICK

ABOVE DOOR AND SIDELIGHT AS REQUIRED FOR NEW CONSTRUCTION.



## **GENERAL DEMOLITION NOTES:**

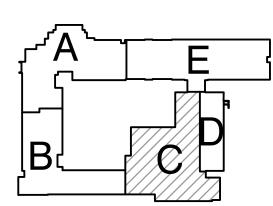
- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS. B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED O CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE
- OWNER AND THE OWNERS REPRESENTATIVE. D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS
- COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW 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 F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER
- 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
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE
- 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 EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE
- 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
- 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 T
- 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
- 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 W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED
- 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
- 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. 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.
- 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).
- NEW FINISHES.
- 17 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
- 19 REMOVE CORNER GUARDS. 20 EXISTING STEEL COLUMN TO REMAIN.
- 1 REMOVE MASONRY FLUE IN ITS ENTIRETY.
- REMOVE CASHIER STAND IN ITS ENTIRETY. TURN OVER TO OWNER.
- 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.
- 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 WAINSCOTING 32 REMOVE 1/2"-5/8" HOMASOTE/GYPSUM BOARD AND WALL COVERING ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE
- 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 FLO AS REQUIRED TO ACCEPT NEW FINISHES.
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- 44 REMOVE EXISTING GRAB BARS IN THEIR ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES.



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ROBINSON **SCHOOL** ADDITIONS, AND RELATED

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

GIBRALTAR DESIGN

dianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com

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DRAWING UNITS "C" & "D"

ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,

AND RELATED WORK GIBRALTAR DESIGN SHEET

## 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 FIRE EXTINGUISHER CABINET. TURN OVER TO OWNER. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES. 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. 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.

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.

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

TO ACCEPT NEW FINISHES.

3 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH

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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.

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

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17 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.

18 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION.

19 REMOVE CORNER GUARDS.

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26 REMOVE OVERHEAD DOOR IN ITS ENTIRETY.

27 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.

REMOVE EXISTING BLEACHERS IN THEIR ENTIRETY.

31 REMOVE EXISTING SAFETY CUSHION WAINSCOTING.

32 REMOVE 1/2"-5/8" HOMASOTE/GYPSUM BOARD AND WALL COVER

## GENERAL DEMOLITION NOTES

(WHERE APPLICABLE).

- 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
  - RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON TH SHEET.

    C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE
- OWNER AND THE OWNERS REPRESENTATIVE.

  D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW
- 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.

. 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

I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE

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

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 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.



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T

SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS
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WORK

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

**KEY PLAN** 

GIBRALTAR DESIGN

Phone 317.580.5777 Fax 317.580.577

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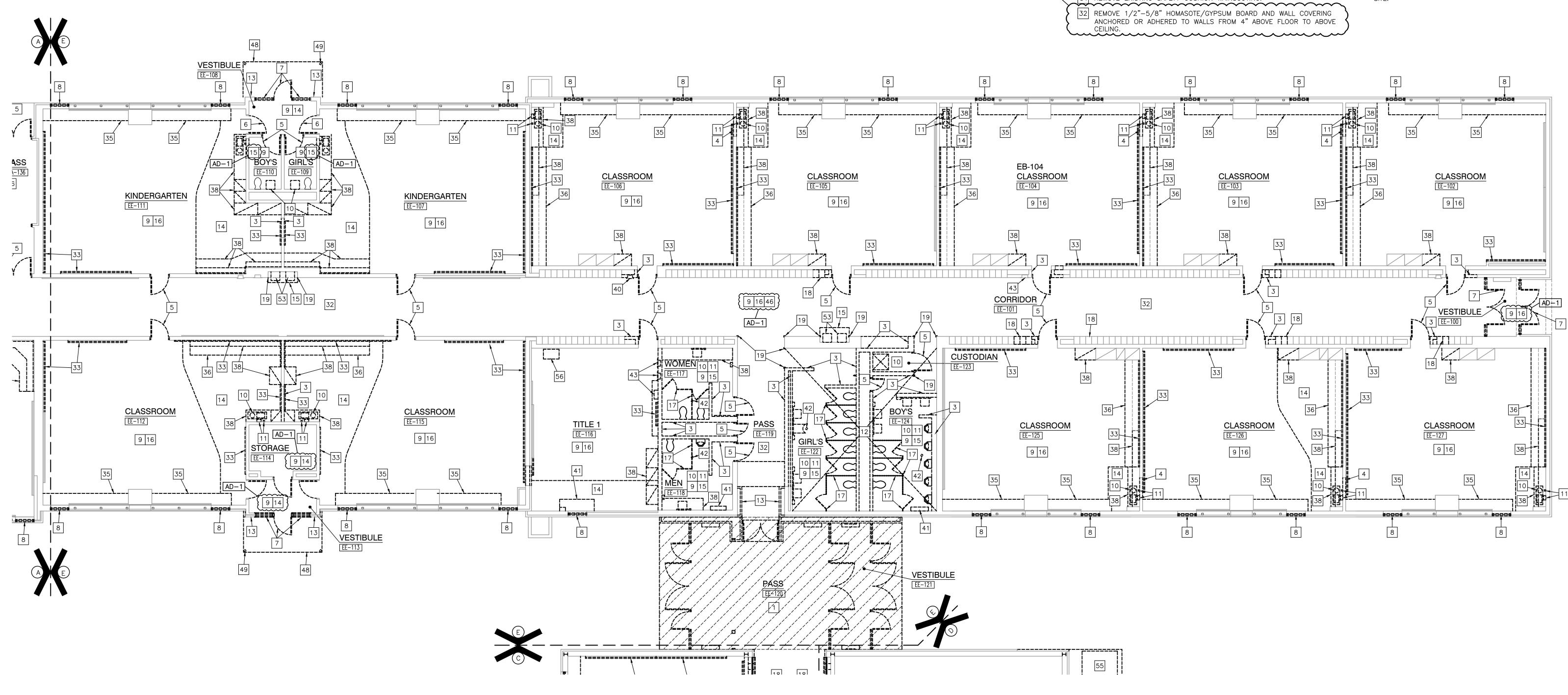
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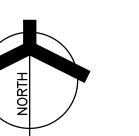
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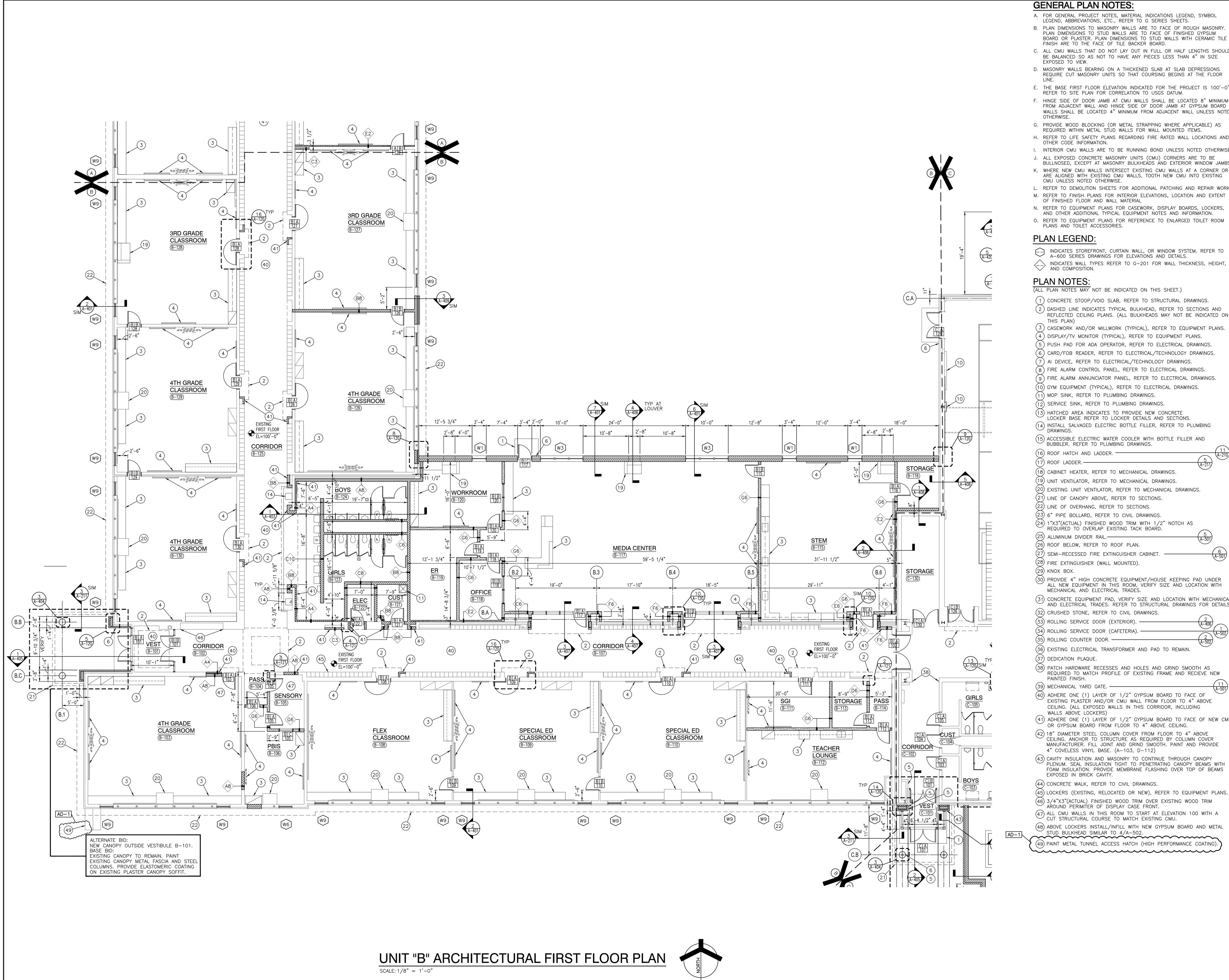
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UNIT "E" ARCHITECTURAL

FIRST FLOOR DEMOLITION



**GENERAL PLAN NOTES:** 

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS. B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY.
- PLAN DIMENSIONS TO STUD WALLS 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.
- BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR
- 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 NOTE
- 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
- I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE. PROJECT 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 WORL M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT
- 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.

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER 1 A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS. INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

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

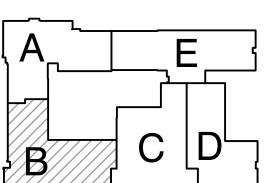
- $(\ 1\ )$  concrete stoop/void slab, refer to structural drawings. (2) DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS MAY NOT BE INDICATED ON
- (3) CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS. (4) DISPLAY/TV MONITOR (TYPICAL), REFER TO EQUIPMENT PLANS. 5) PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS. (6) CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- 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
- (15) ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER. REFER TO PLUMBING DRAWINGS.
- (16) ROOF HATCH AND 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. ----
- (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. (32) CRUSHED STONE, REFER TO CIVIL DRAWINGS.  $\widetilde{33}$ ) ROLLING SERVICE DOOR (EXTERIOR). —
- (34) ROLLING SERVICE DOOR (CAFETERIA).  $\widetilde{}$ 35) ROLLING COUNTER DOOR. — (36) EXISTING ELECTRICAL TRANSFORMER AND PAD TO REMAIN.
- (38) PATCH HARDWARE RECESSES AND HOLES AND GRIND SMOOTH AS
- (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. (42) 18" DIAMETER STEEL COLUMN COVER FROM FLOOR TO 4" ABOVE
- 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
- AROUND PERIMITER OF DISPLAY CASE FRONT. (47) ALL CMU WALLS IN THIS ROOM TO START AT ELEVATION 100 WITH A  $^{\prime}$  CUT STRUCTURAL COURSE TO MATCH EXISTING CMU.
- (48) ABOVE LOCKERS INSTALL/INFILL WITH NEW GYPSUM BOARD AND METAL STUD BULKHEAD SIMILAR TO 4/A-502.
- [AD-1] CONTROL OF THE STATE OF (49) PAINT METAL TUNNEL ACCESS HATCH (HIGH PERFORMANCE COATING).

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

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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	777 Fax 317.580.577
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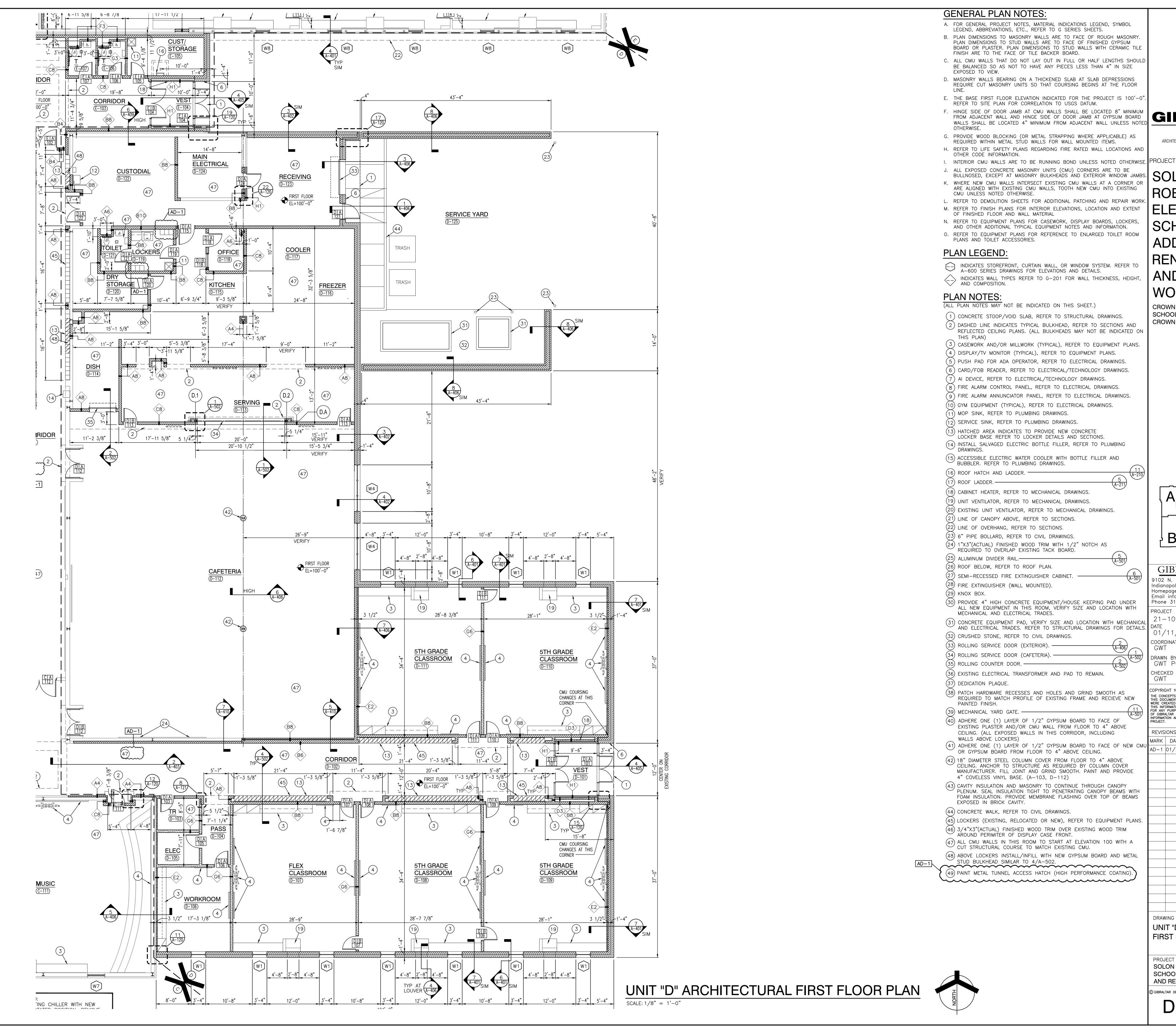
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UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET В

A-102



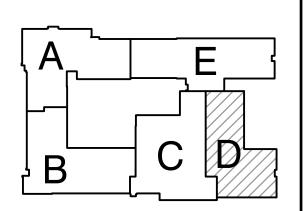
A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER, PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR

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**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA



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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 PERIMITER OF DISPLAY CASE FRONT.

(47) ALL CMU WALLS IN THIS ROOM TO START AT ELEVATION 100 WITH A CUT STRUCTURAL 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) 

UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

GIBRALTAR DESIGN SHEET

A-104

AD-	AND ELECTRICAL TRADES. REFER TO STRUCTUR  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 TRANSFORMER	DASHER REFLE REFLE THIS II  A-502  TO REMAIN.  GRIND SMOOTH AS AME AND RECIEVE NEW  GRIND SMOOTH AS AME AND RECIEVE NEW  A-501  ARD TO FACE OF LOOR TO 4" ABOVE BY COLUMN COVER H. PAINT AND PROVIDE  E THROUGH CANOPY ING CANOPY BEAMS  ETHROUGH CANOPY ING CANOPY BEAMS  TO EQUIPMENT PLANS.  EXISTING WOOD TRIM  ELEVATION 100 WITH A CMU.  COULD COU	WORK AND/OR MILLWORK (TYPICAL), REFER AY/TV MONITOR (TYPICAL), REFER TO EQUIP PAD FOR ADA OPERATOR, REFER TO ELECT (FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DEALARM CONTROL PANEL, REFER TO ELECTRICAL ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL SINK, REFER TO PLUMBING DRAWINGS.  CE SINK, REFER TO PLUMBING DRAWINGS.  CE SINK, REFER TO PLUMBING DRAWINGS.  CE SINK, REFER TO PLUMBING DRAWINGS.  SIBLE ASE REFER TO LOCKER DETAILS AND SEL SALVAGED ELECTRIC BOTTLE FILLER, REFER NGS.  CE SIBLE ELECTRIC WATER COOLER WITH BOTTLE.  ET HEATER, REFER TO MECHANICAL DRAWINGS.  LADDER.  ET HEATER, REFER TO MECHANICAL DRAWING NG UNIT VENTILATOR, REFER TO SECTIONS.  OF OVERHANG, REFER TO SECTIONS.  OF OVERHANG, REFER TO SECTIONS.  PE BOLLARD, REFER TO CIVIL DRAWINGS.  (ACTUAL) FINISHED WOOD TRIM WITH 1/2" NO RED TO OVERLAP EXISTING TACK BOARD.  NUM DIVIDER RAIL.  BELOW, REFER TO ROOF PLAN.  RECESSED FIRE EXTINGUISHER CABINET.  EXTINGUISHER (WALL MOUNTED).	TO SECTIONS AND NOT BE INDICATED ON TO EQUIPMENT PLANS. MENT PLANS. RICAL DRAWINGS. IOLOGY DRAWINGS. RAWINGS. CAL DRAWINGS. CTRICAL DRAWINGS. CTRICAL DRAWINGS. CTRICAL DRAWINGS. CRETE ECTIONS. CRETE ECTIONS. CRETE AND  CRETE SCTIONS. CRETE AND  CRETE SCTIONS. CRETE AND  CRETE SCTIONS. CRETE	LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.  B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS 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 USOS 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 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.  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 EQUIPMENT PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL  N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.  PLAN LEGEND:  INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.
49 (22) (WB) (WB) (WB) (WB) (WB) (WB) (WB) (WB	20 3 1ST GRADE CLASSROOM (E-120)  4  4  4  4  4  4  4  4  4  4  4  4  4	1ST GRADE CLASSROOM (E-119)  4  CORRIDOR 2 (E-112)  45	W8 W8 W8 W8 20 3 3 20 3 3 3 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	2ND GRADE CLASSROOM (E-IIT)  EXISTING FIRST FLOOR EL=100'-0" 2 HB VEST A0-11 22 41

**PLAN NOTES:** 

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

**CLASSROOM** 

A-120

MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. STUD WALLS ARE TO FACE OF FINISHED GYPSUM PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD IOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE NG ON A THICKENED SLAB AT SLAB DEPRESSIONS UNITS SO THAT COURSING BEGINS AT THE FLOOR RELEVATION INDICATED FOR THE PROJECT IS 100'-0". JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD GIBRALTAR TED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTEI

**GENERAL PLAN NOTES:** 

CLASSROOM

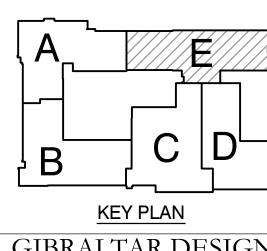
A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL

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ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE. PROJECT

TE MASONRY UNITS (CMU) CORNERS ARE TO BE TO MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS. SOLON INTERSECT EXISTING CMU WALLS AT A CORNER OR ADDITIONS, AND RELATED WORK

> CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

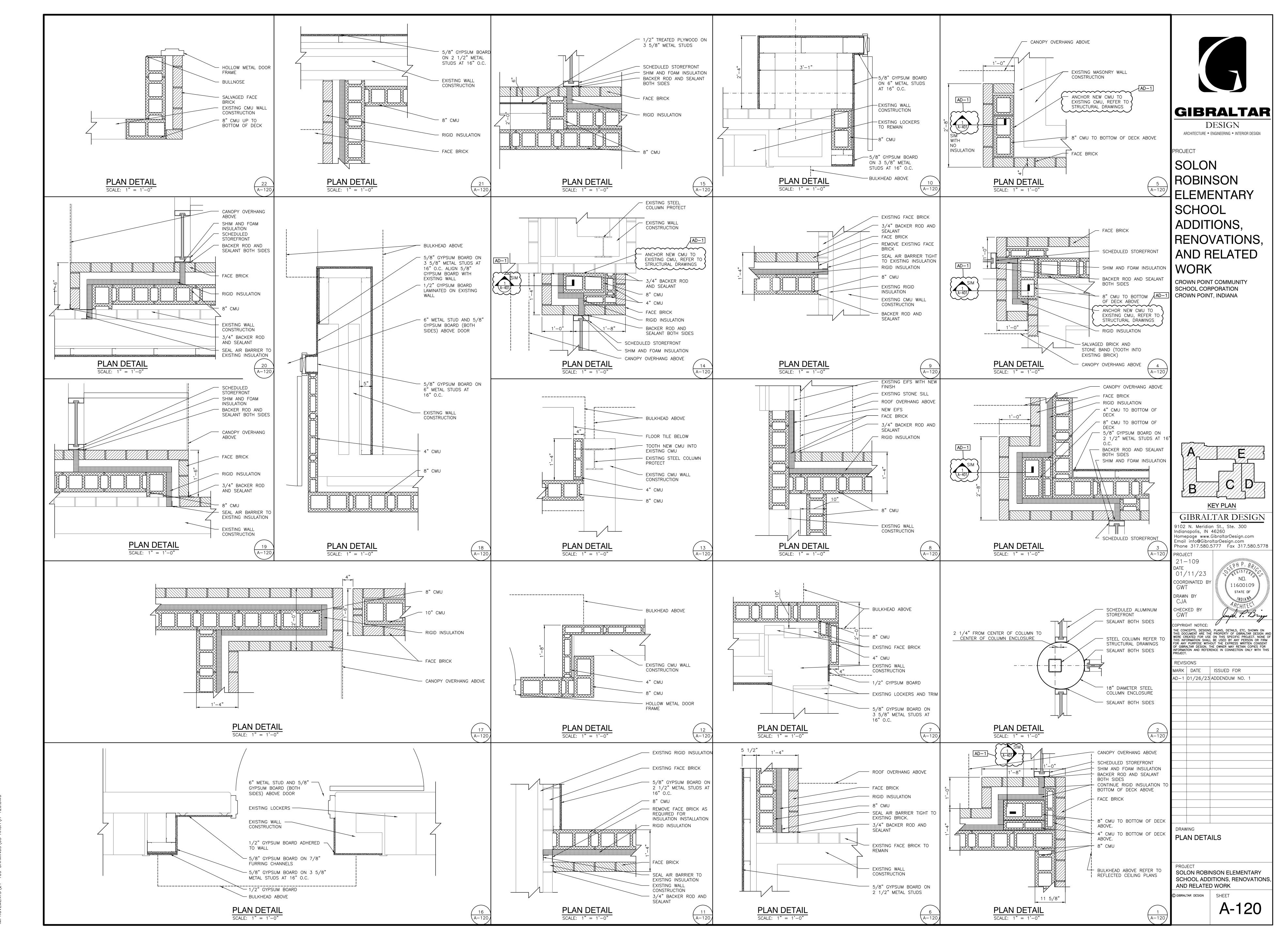
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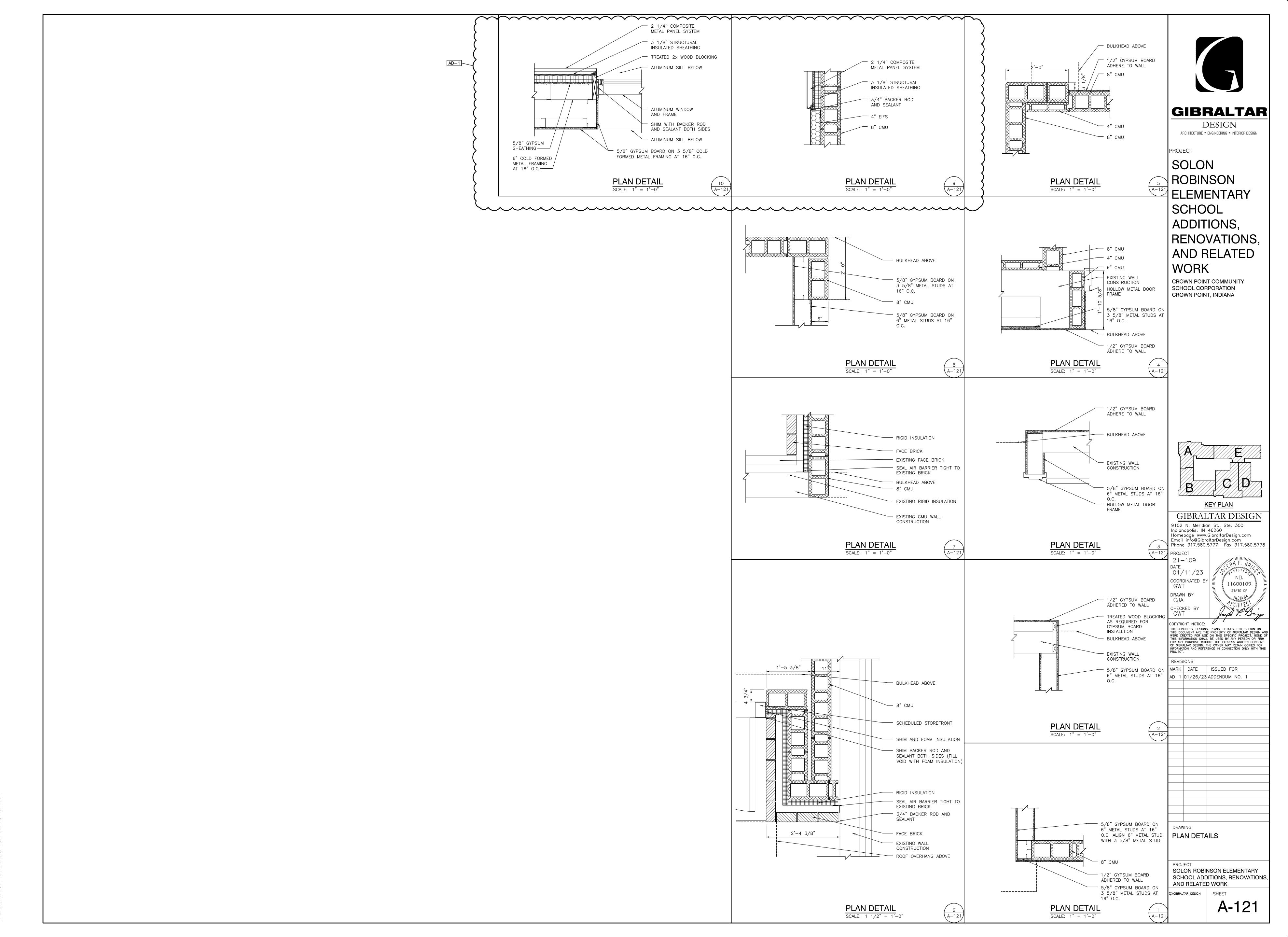
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KINDERGARTEN

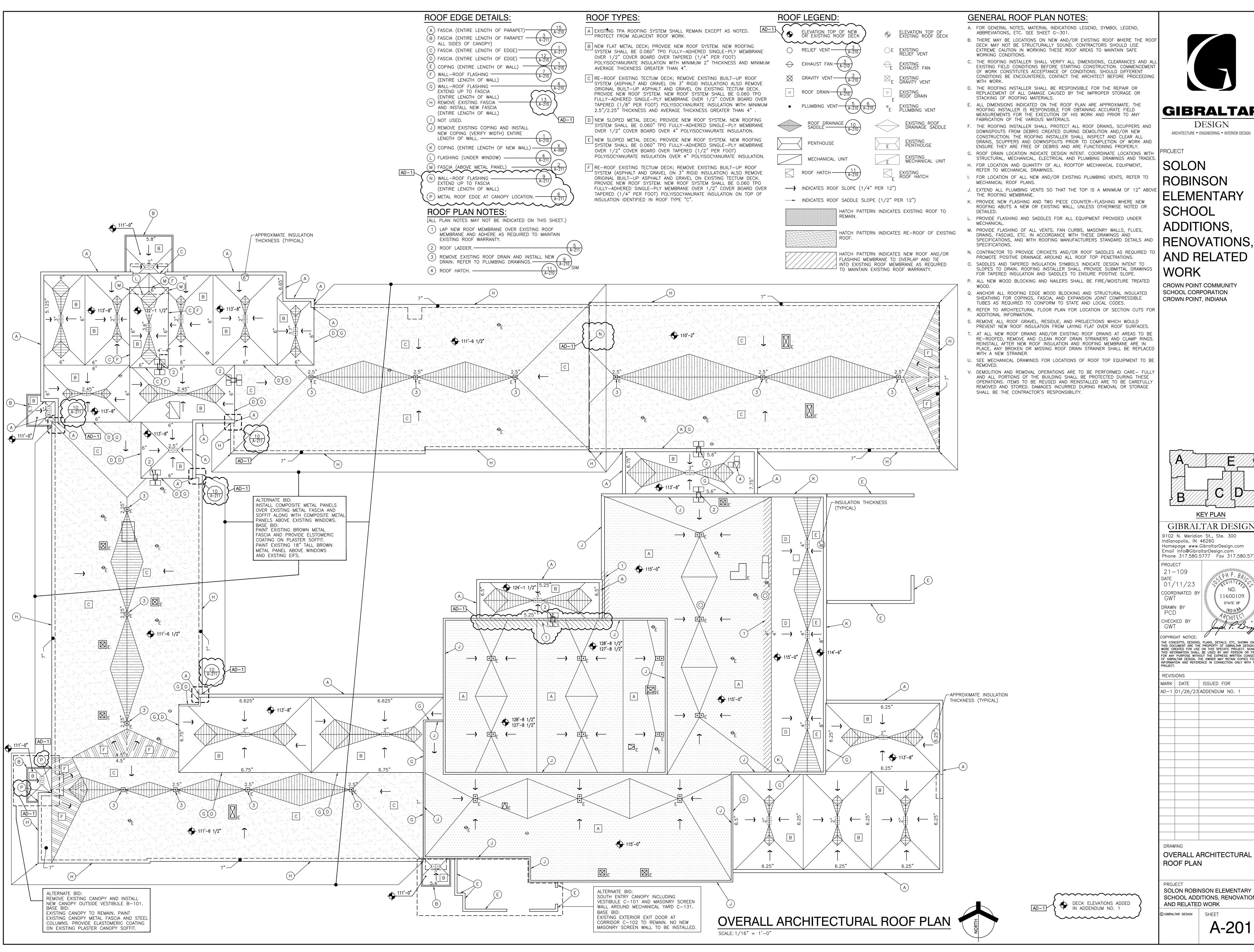
1) CONCRETE TOP ON EXISTING CONCRETE FOUNDATION

FIRST FLOOR
EL=100'-0"





Thursday, 1/26/2023 — 4:07 PM — LAST SAVED BY:PDEGRC Y:\21—109 CROWN POINT CSC — ROBINSON ES IMPROVEMENTS\21—109 DRAWINGS\05 ARCH\A—121.DWG



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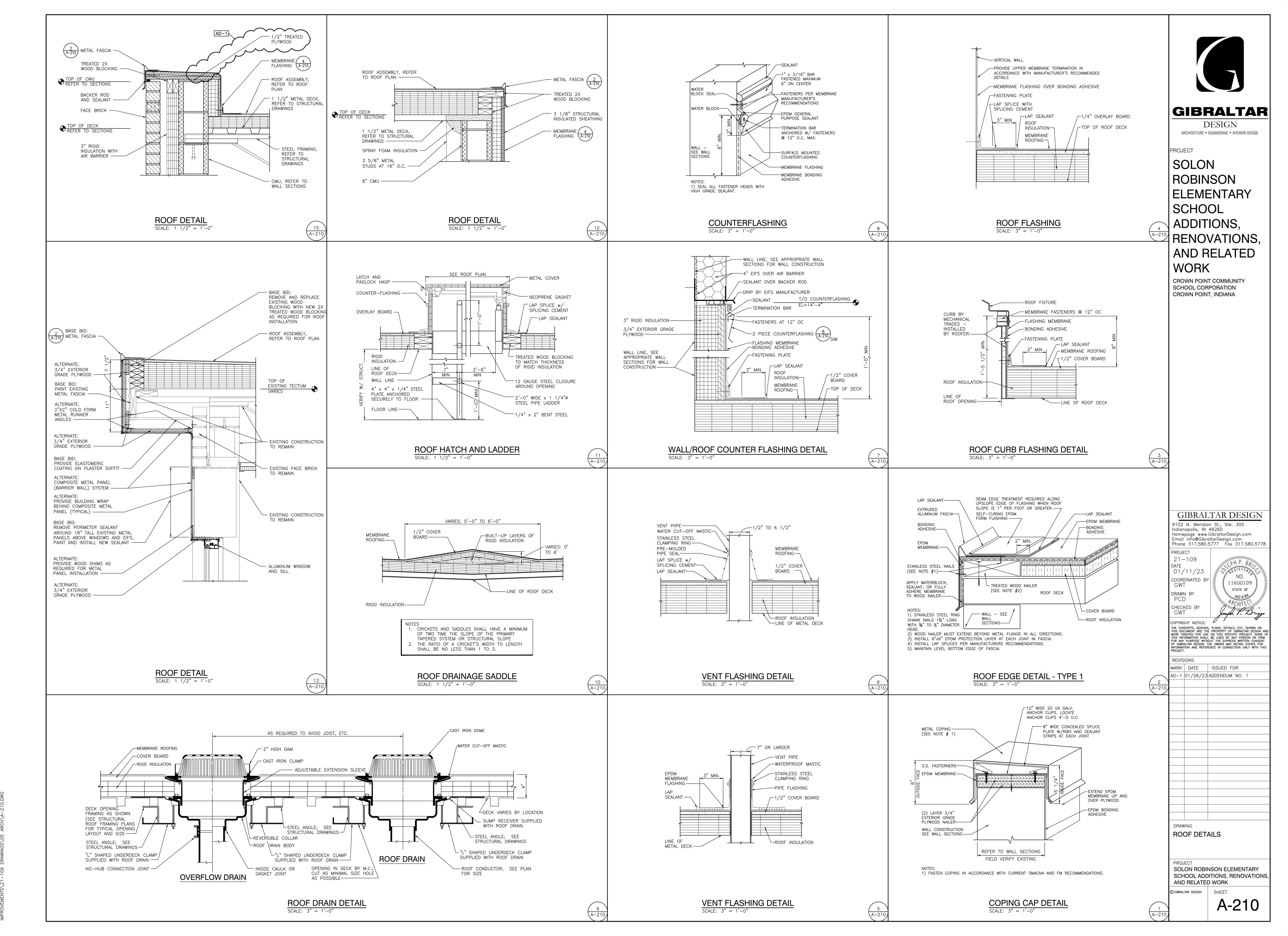
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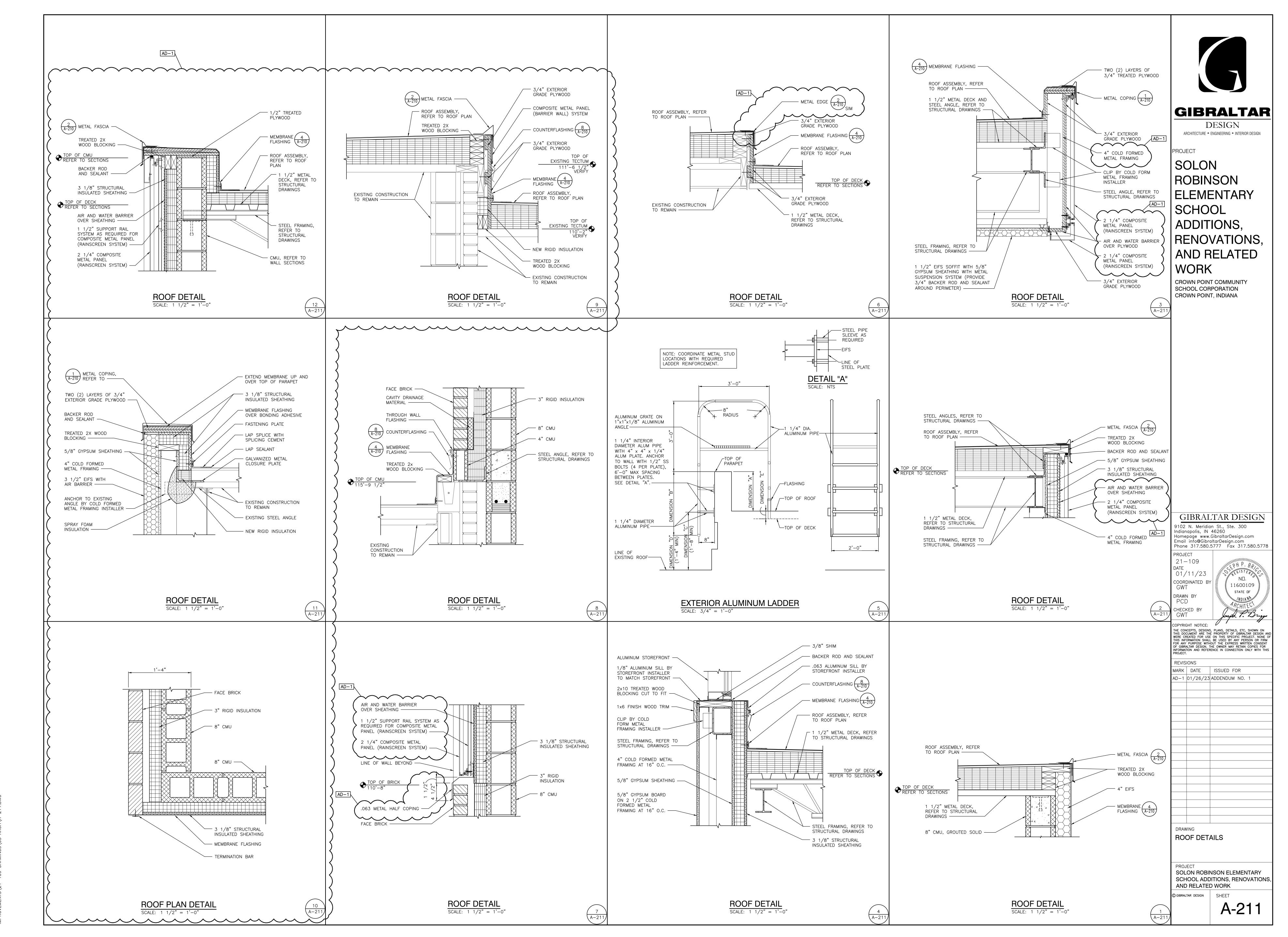
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OVERALL ARCHITECTURAL

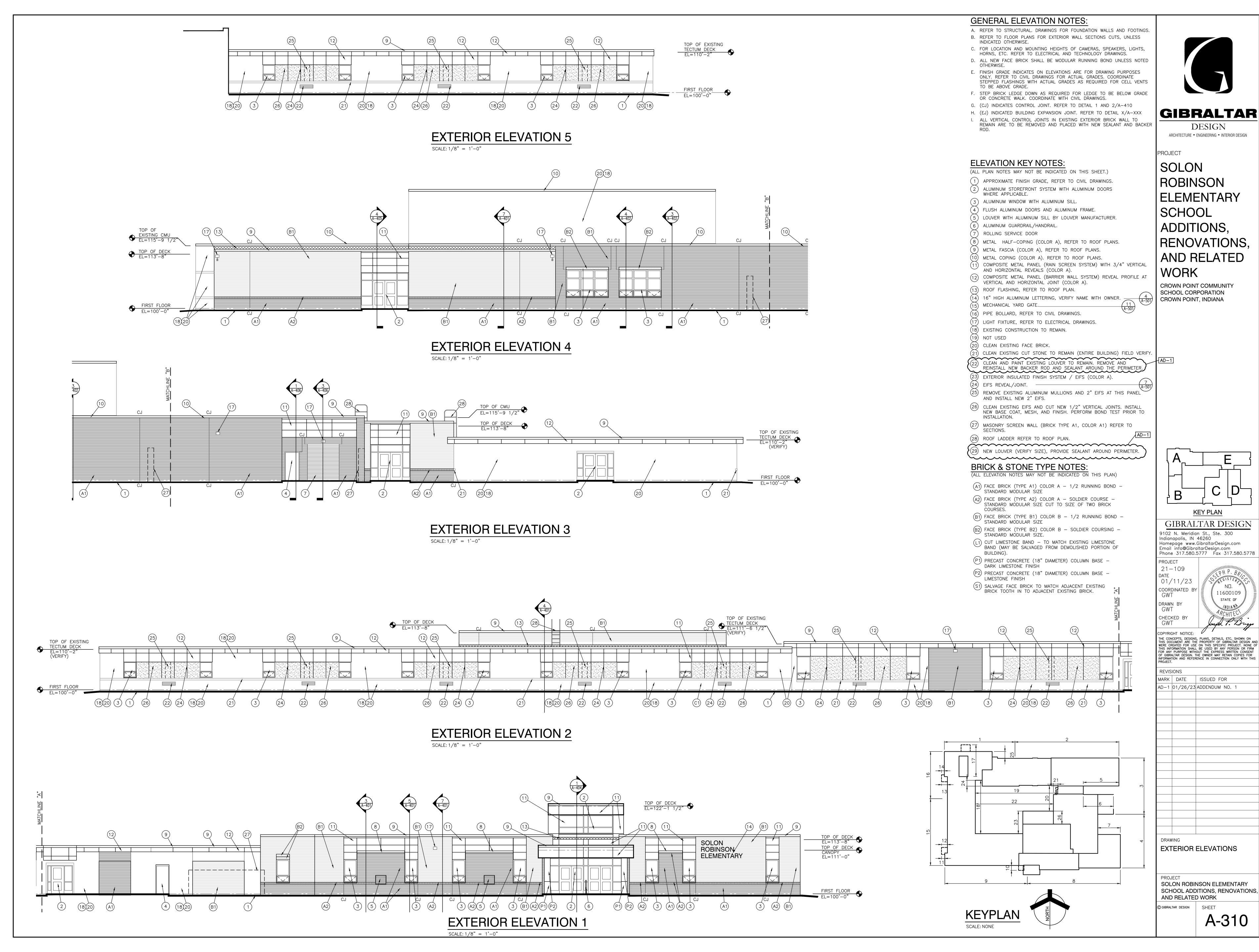
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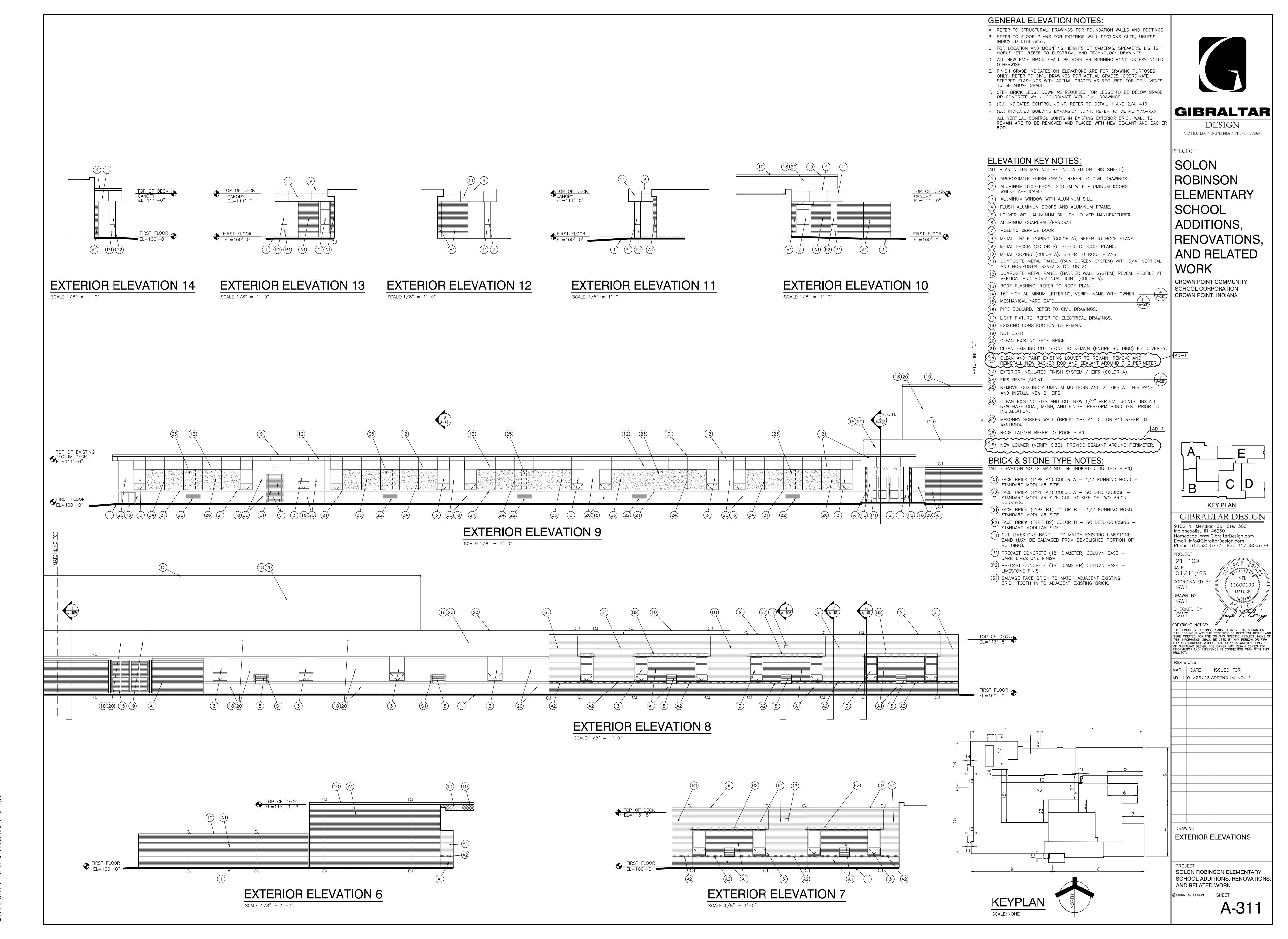
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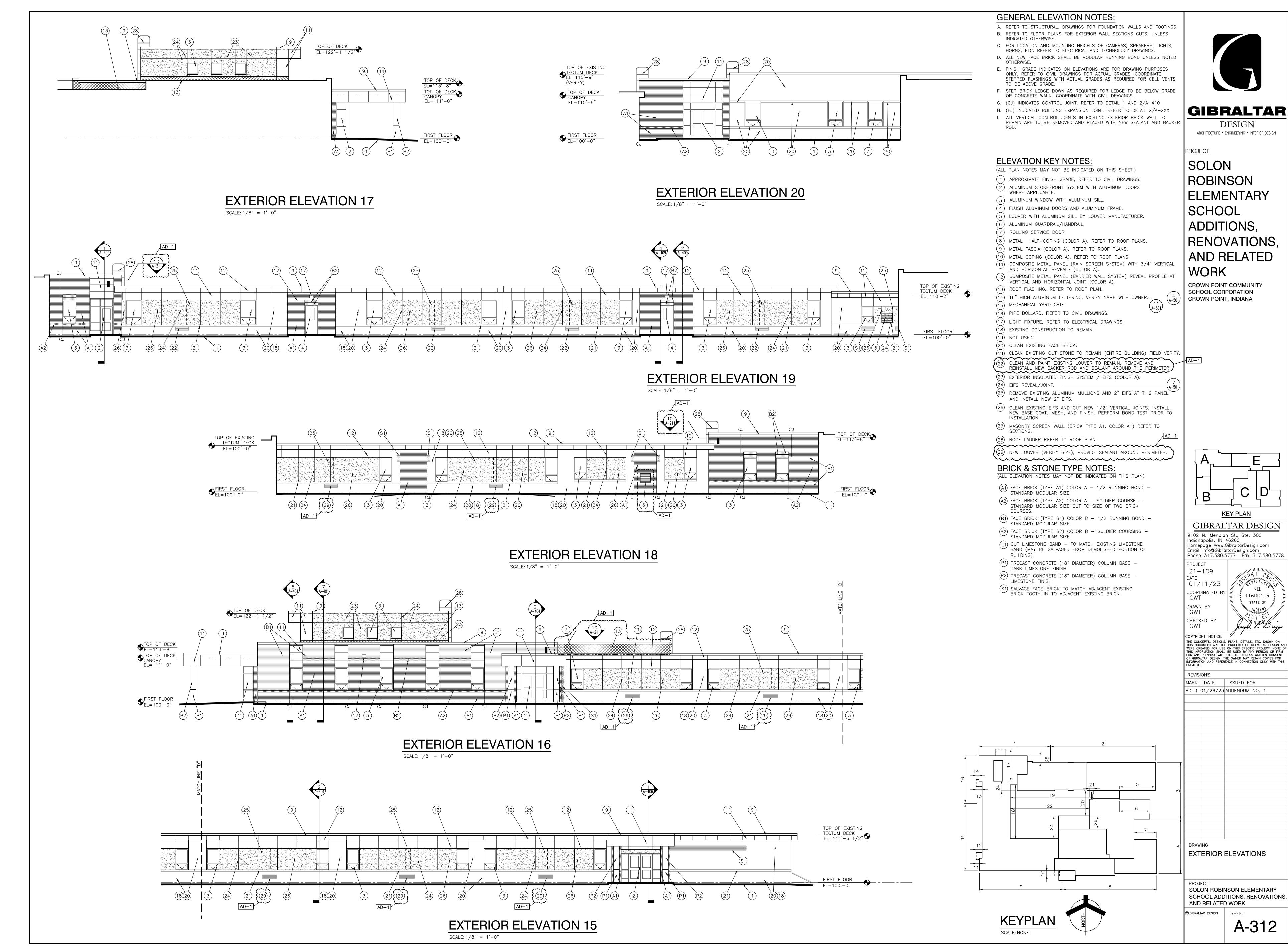
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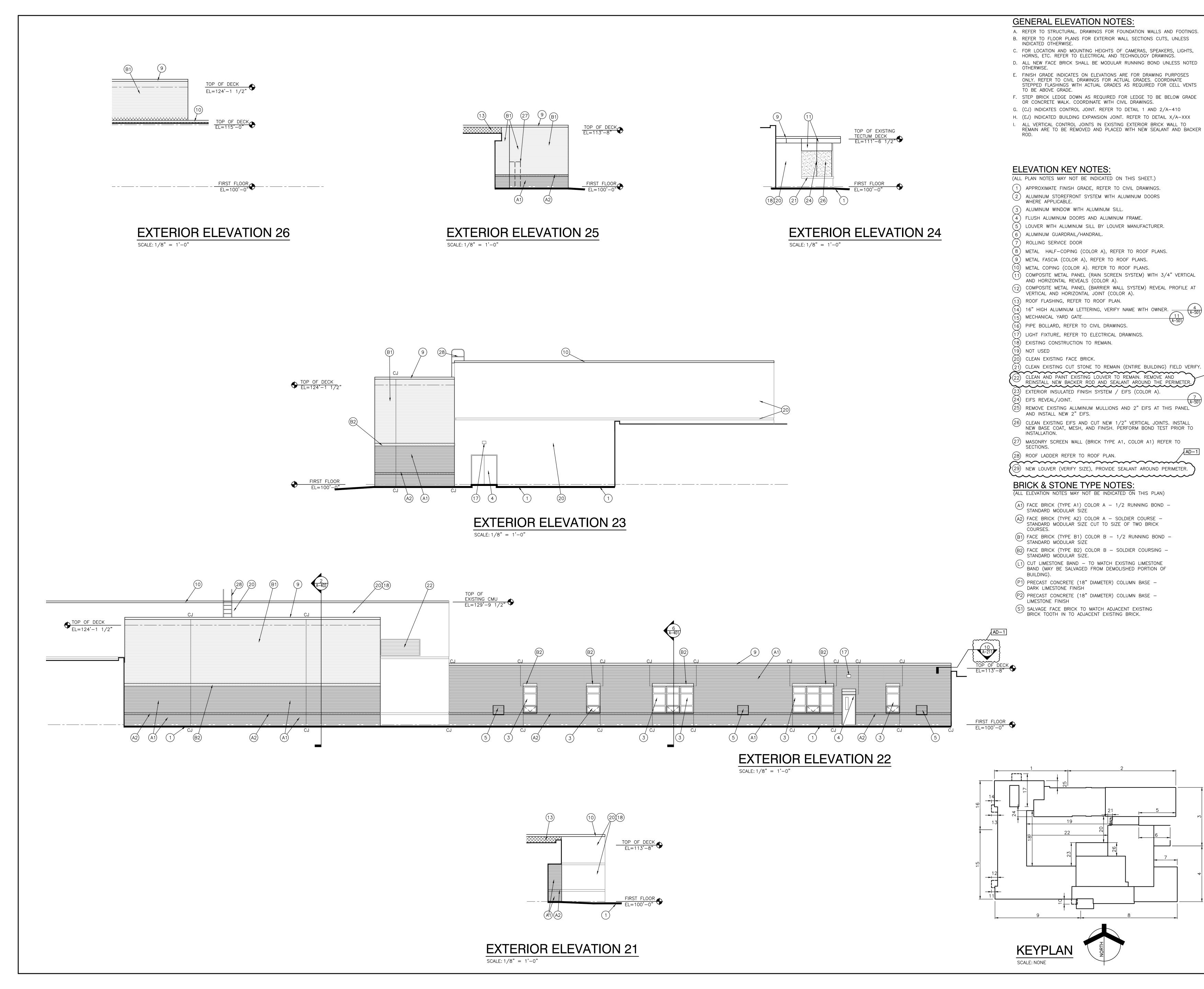
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PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

**KEY PLAN** GIBRALTAR DESIGN

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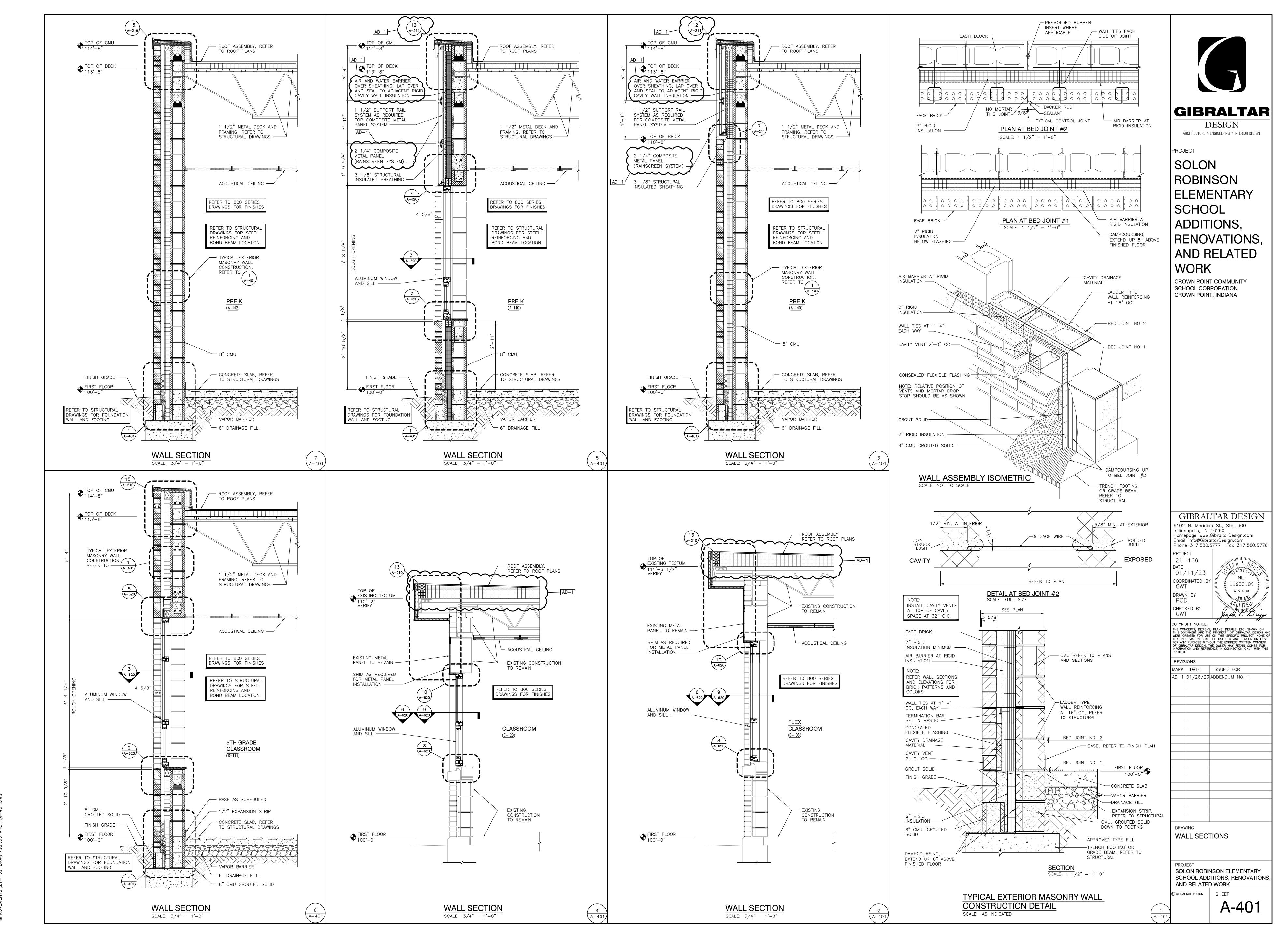
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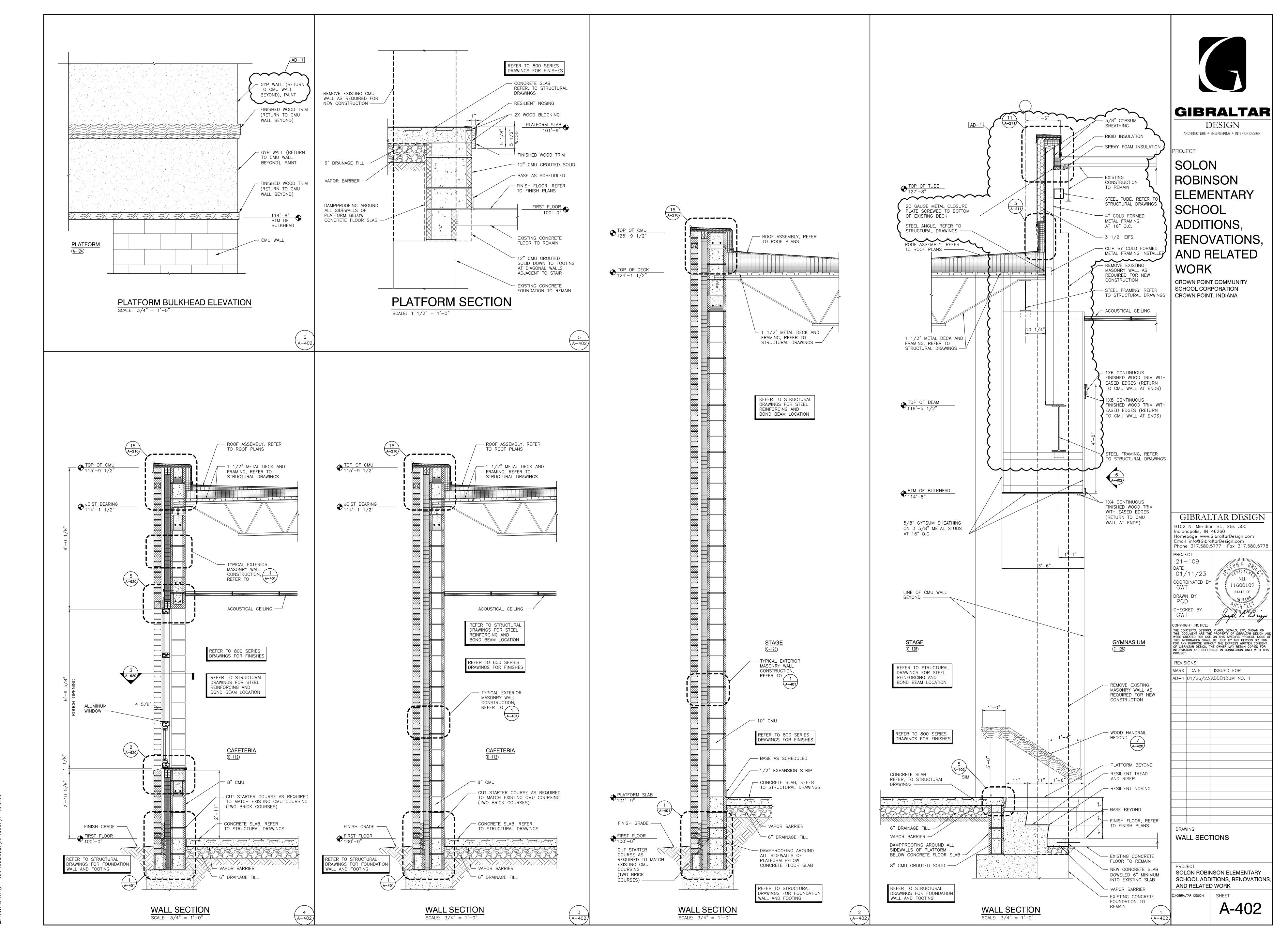
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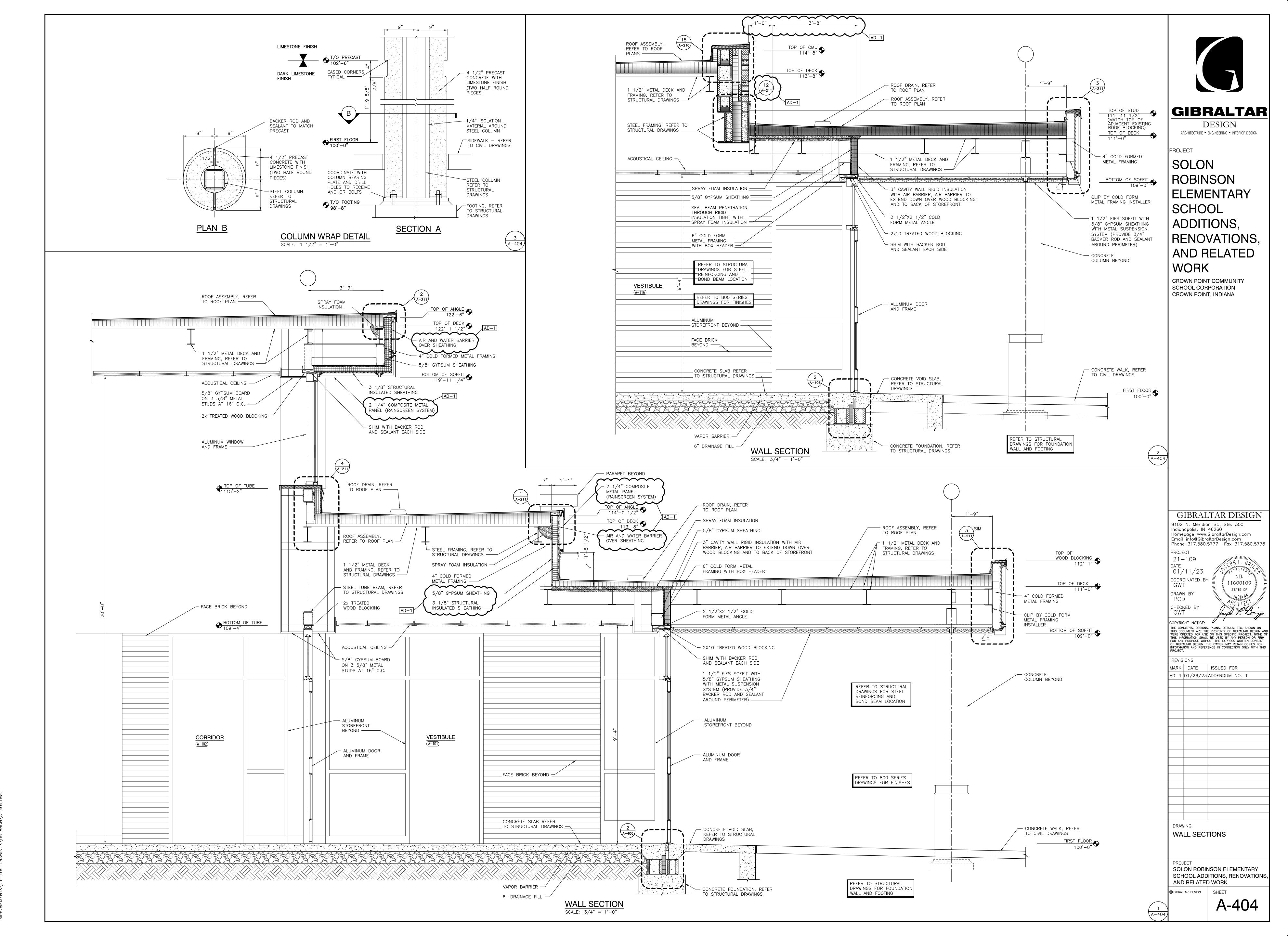
DRAWING **EXTERIOR ELEVATIONS** 

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

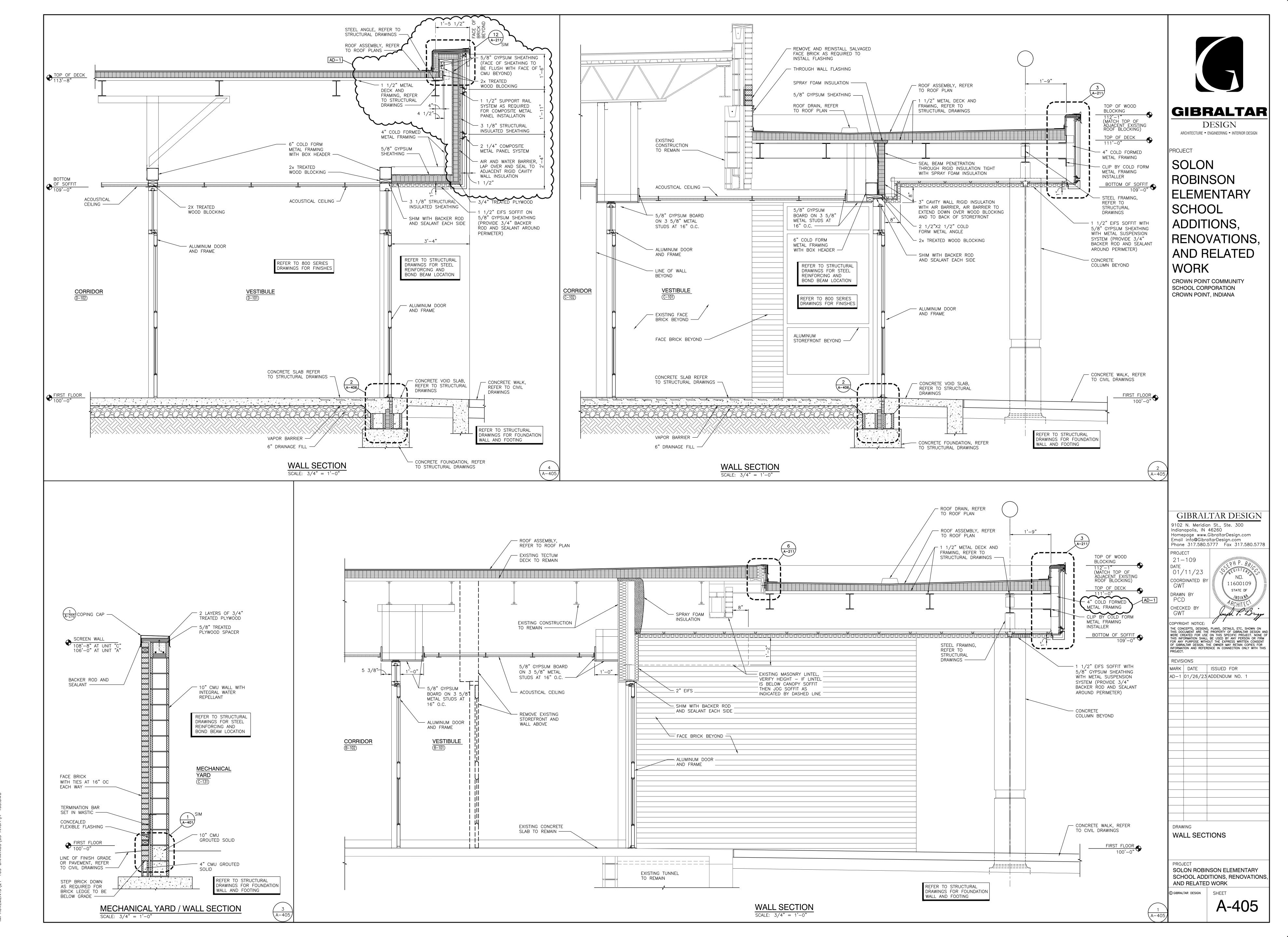


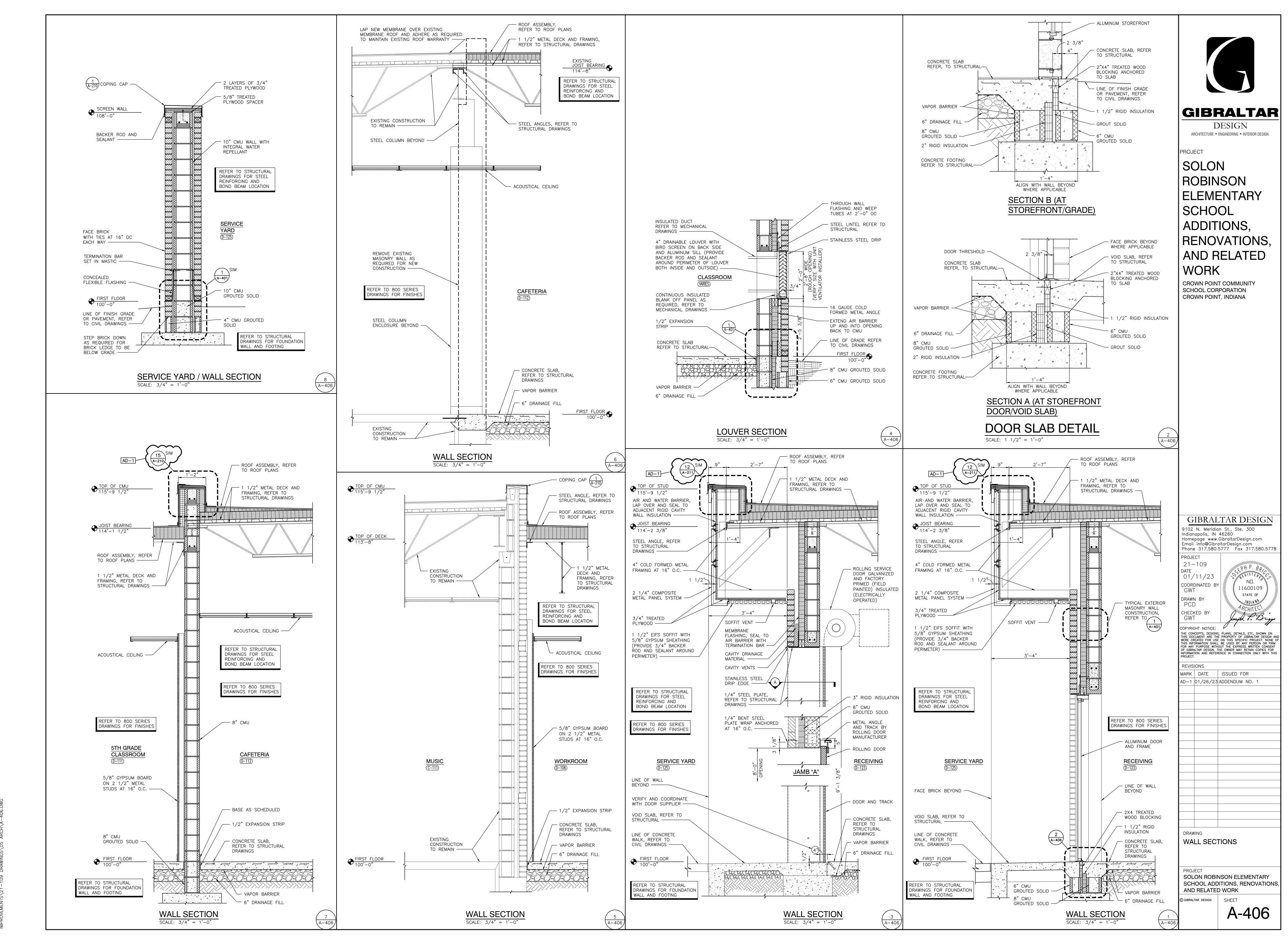


Thursday, 1/26/2023 — 4:09 PM — LAST SAVED BY:PDEGR Y:\21—109 CROWN POINT CSC — ROBINSON ES MAPRONEMENTS\21—109 DRAWINGS\05 ARCH\A—402 DWG

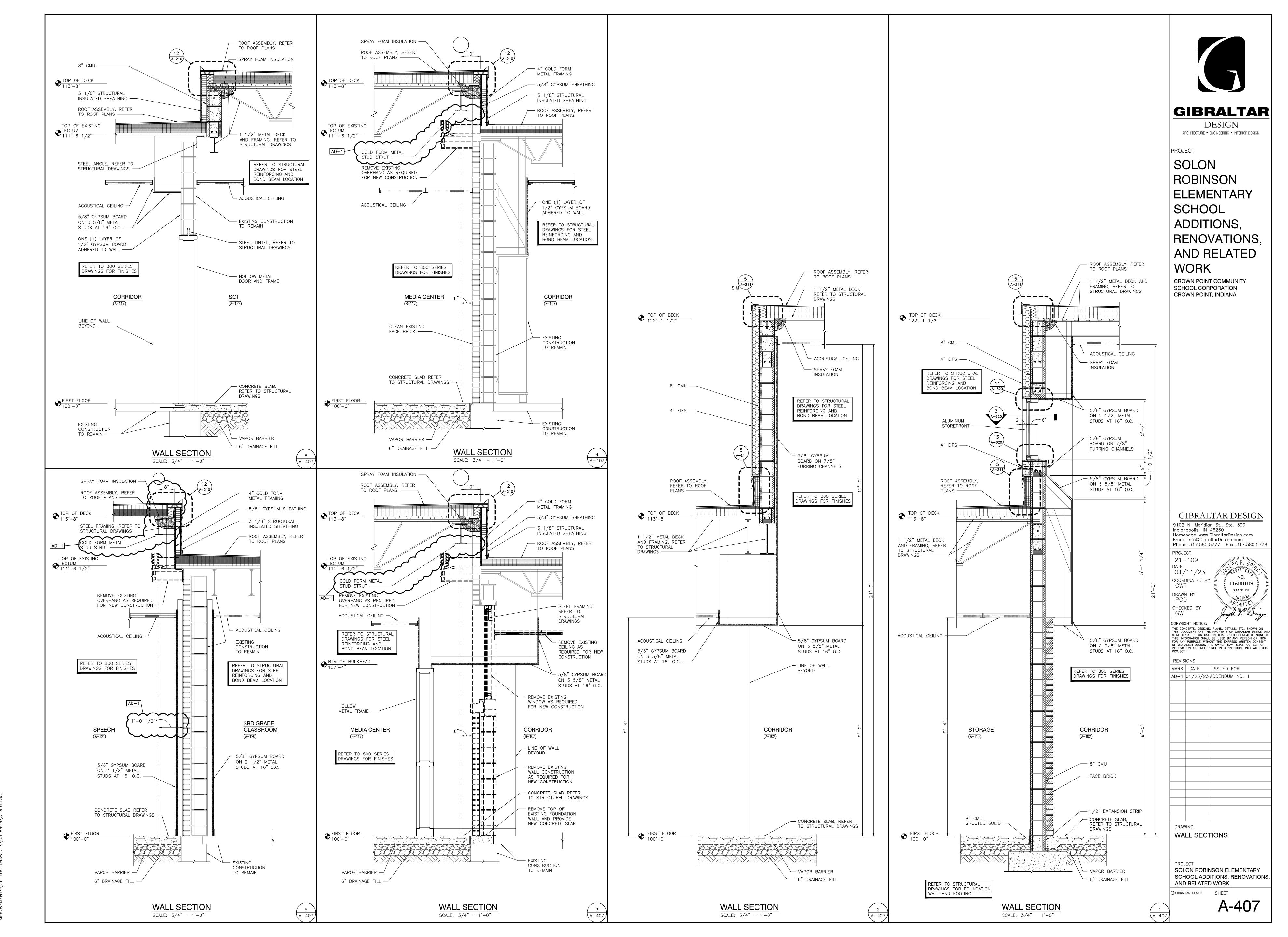


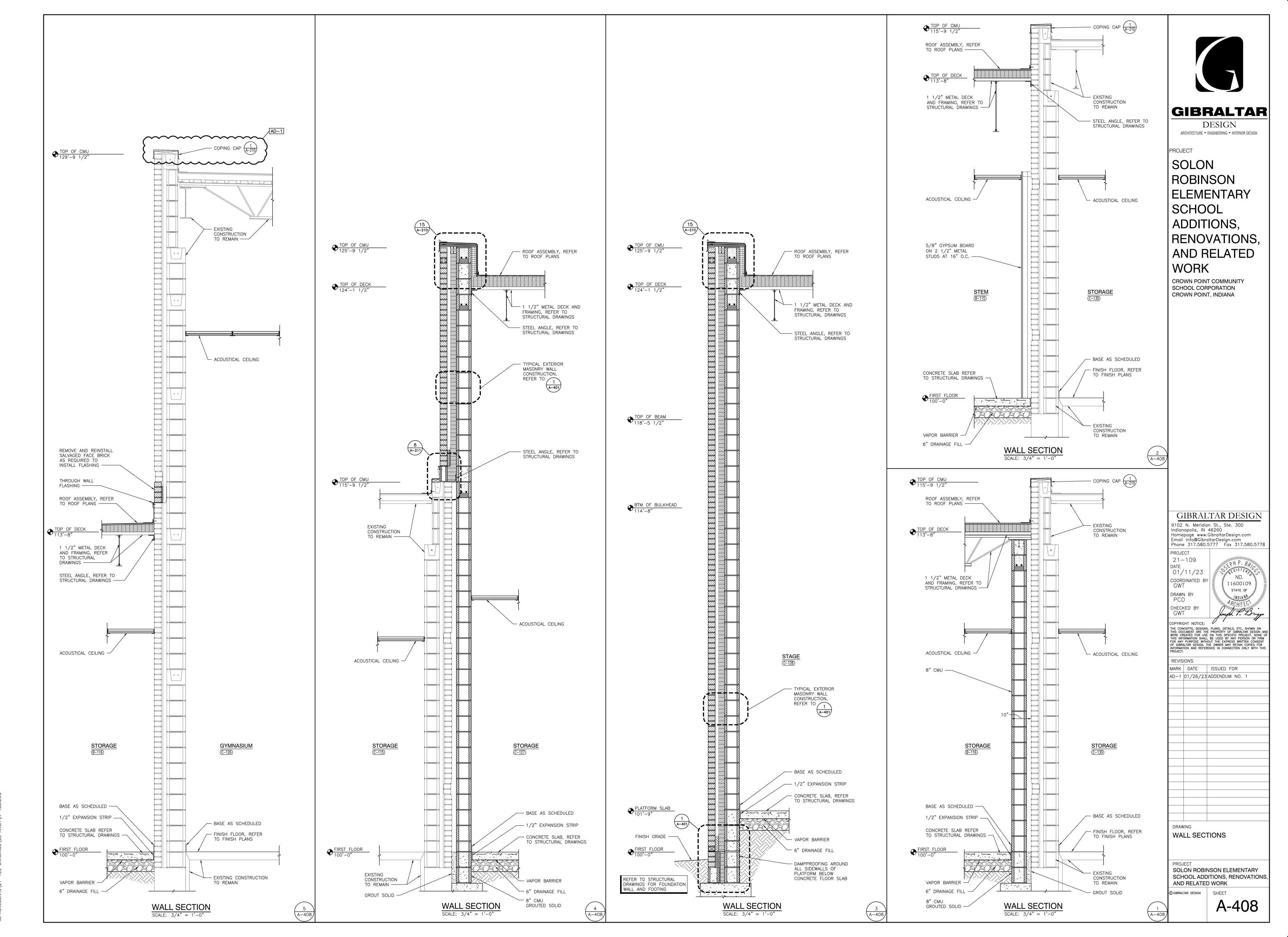
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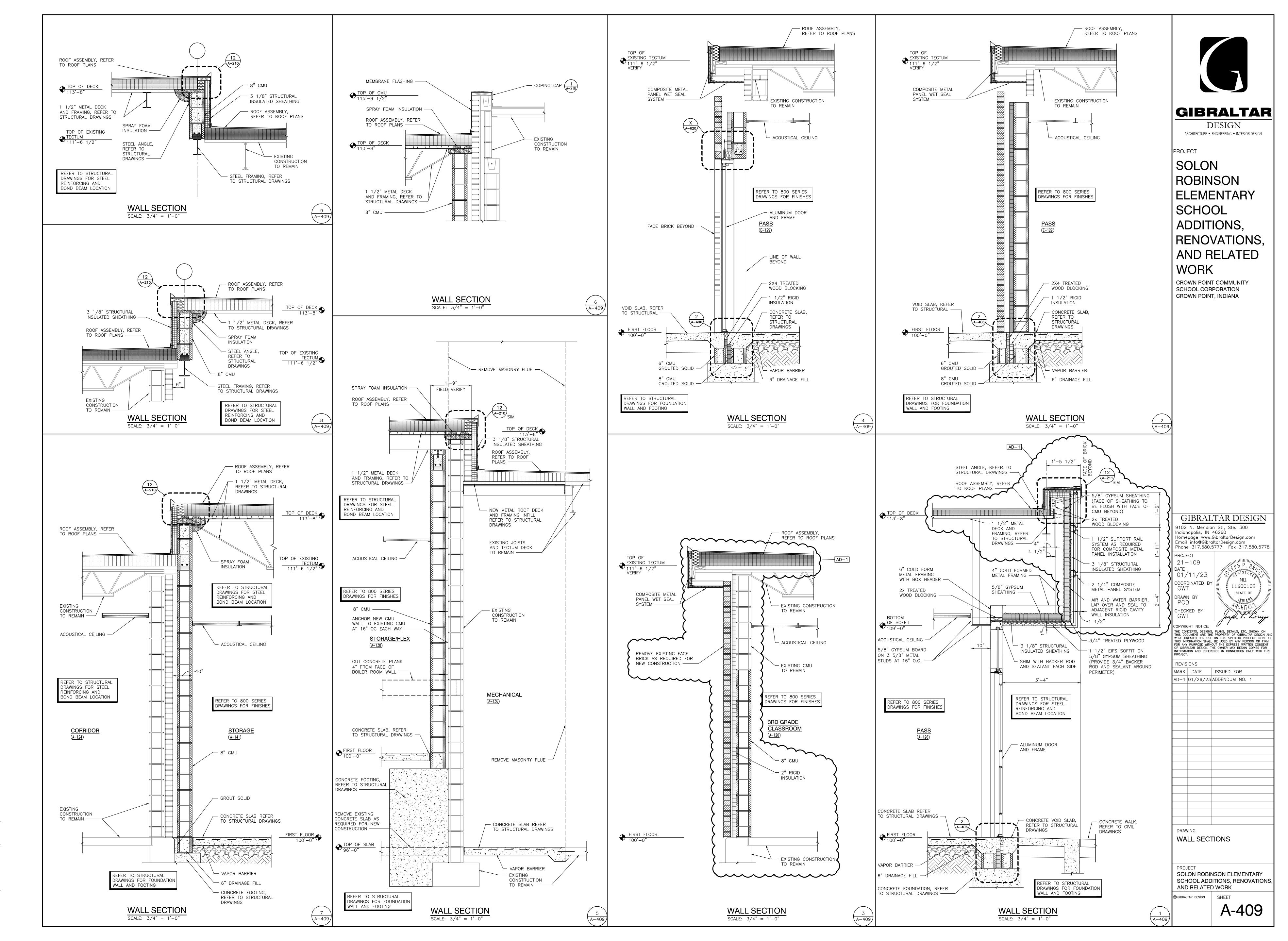


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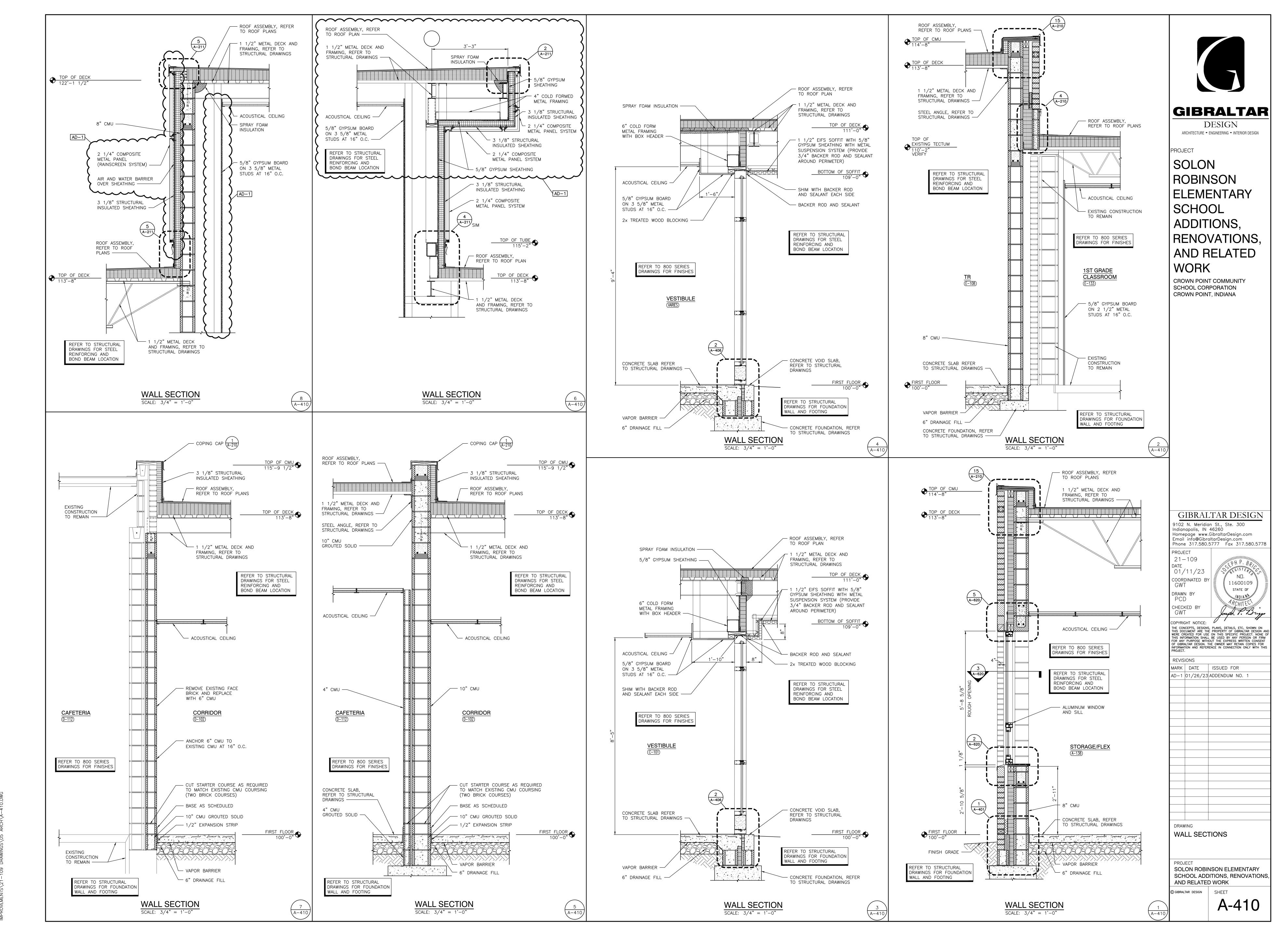


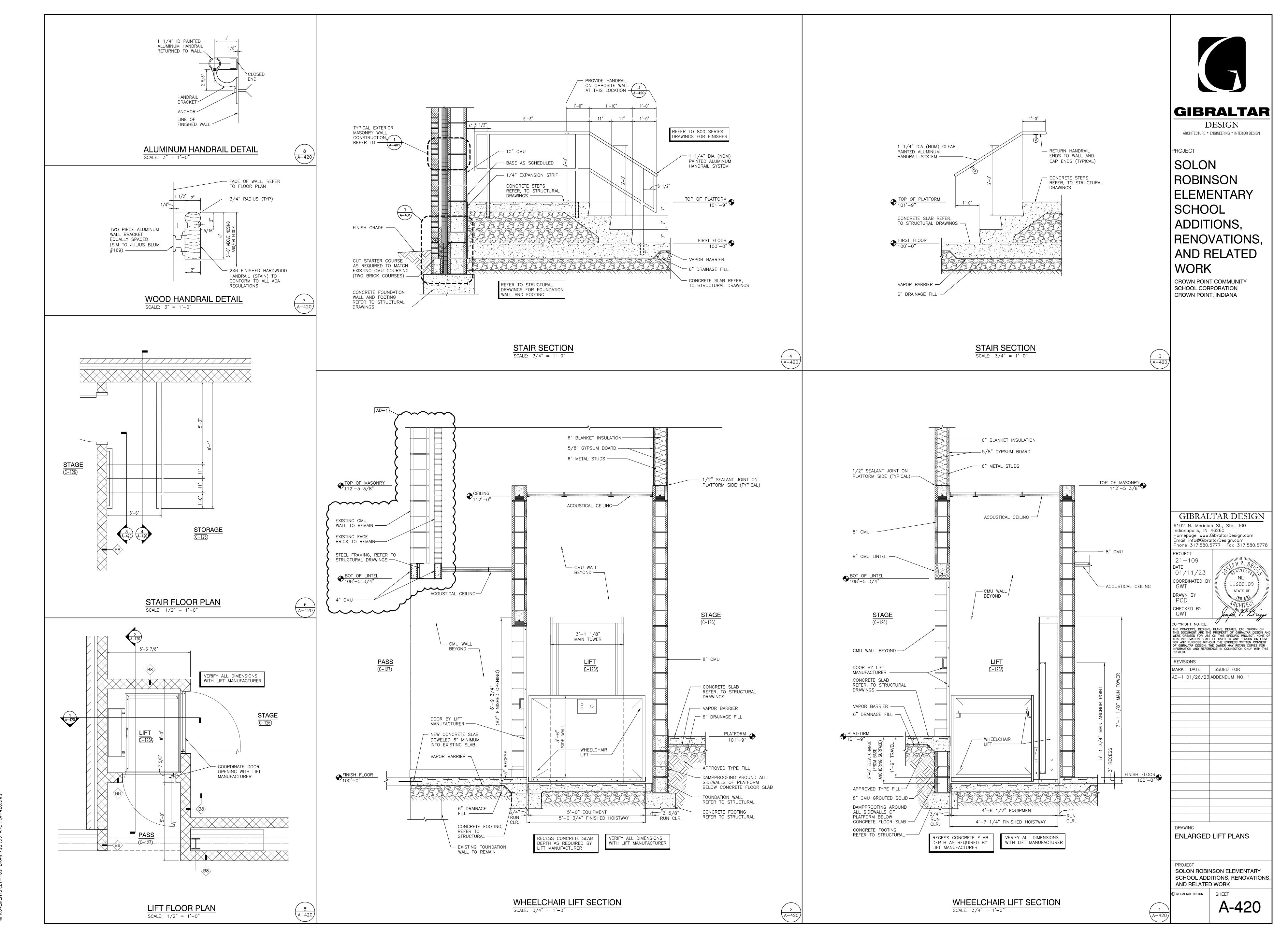


'hursday, 1/26/2023 — 4:21 PM — LAST SAVED BY:PDEGROT ':\21—109 CROWN POINT CSC — ROBINSON ES MPRONEMENTS\21—109 DRAWINGS\05 ARCH\A—408 DWG

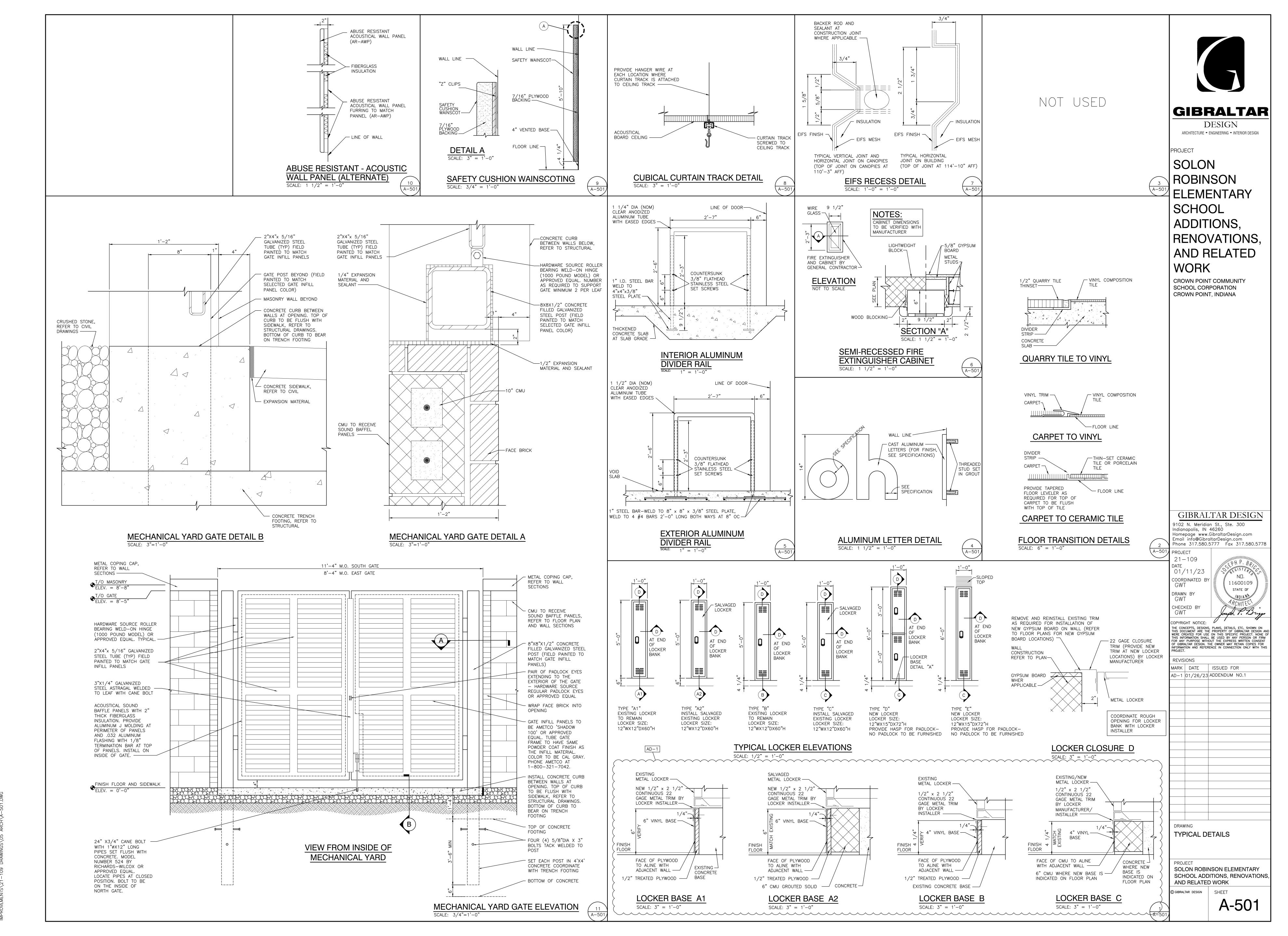


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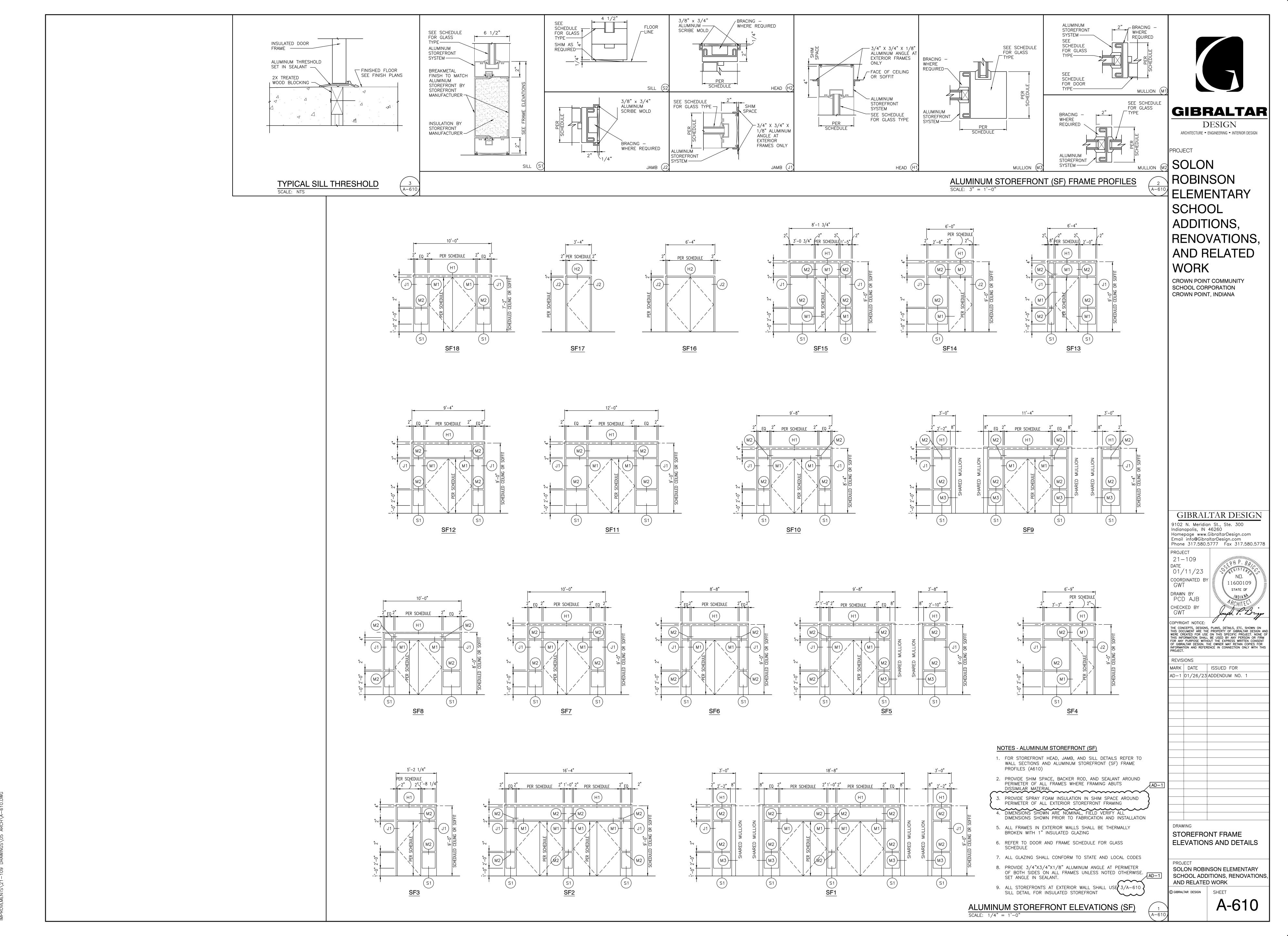




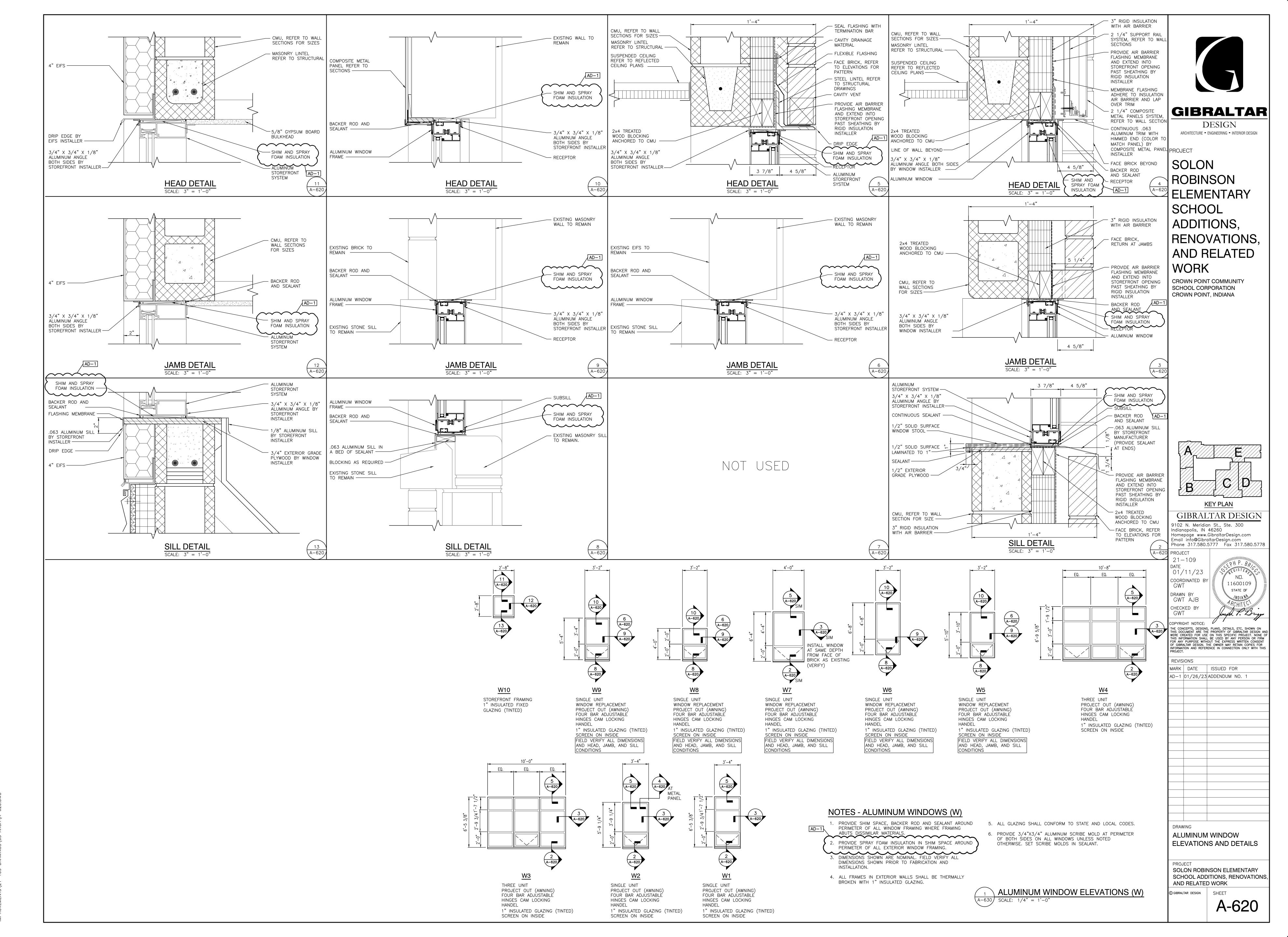
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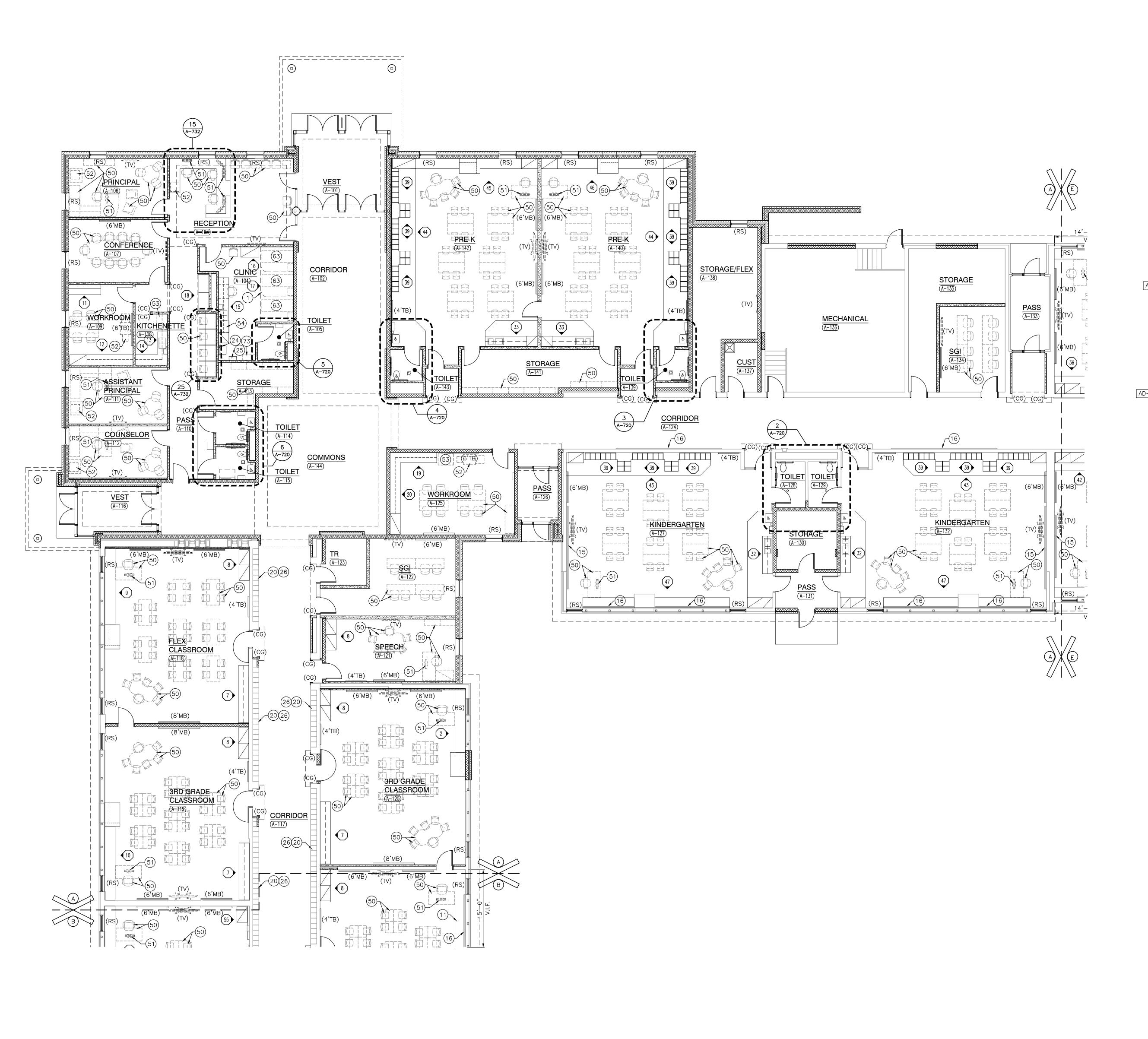
Thursday, 1/26/2023 — 4:22 PM — LAST SAVED BY:GTHROCKMO Y:\21—109 CROWN POINT CSC — ROBINSON ES



Thursday, 1/26/2023 — 4:30 PM — LAST SAVED BY:PDEGRO Y:\21-109 CROWN POINT CSC — ROBINSON ES



Thursday, 1/26/2023 — 4:48 PM — LAST SAVED BY:PDI Y:\21—109 CROWN POINT CSC — ROBINSON ES IMPROVEMENTS\21—109 DRAWINGS\05 ARCH\A\_620 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.

# **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).

D. REFER TO G SERIES DRAWINGS FOR MOUNTING HEIGHTS.

(7 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,

(12) PROVIDE FINISHED END PANEL ON EXISTING BASE CABINET, PL-1. (13) PROVIDE FINISHED END PANEL ON EXISTING TALL STORAGE CABINET,

(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 EXAUST

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 71) BINDING MACHINE, BY OWNER (72) DIE CUT MACHINE, BY OWNER

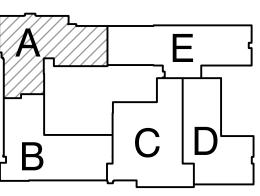
(73) WHEELCHAIR, BY OWNER



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

21-109 01/11/23 COORDINATED B' 11600109

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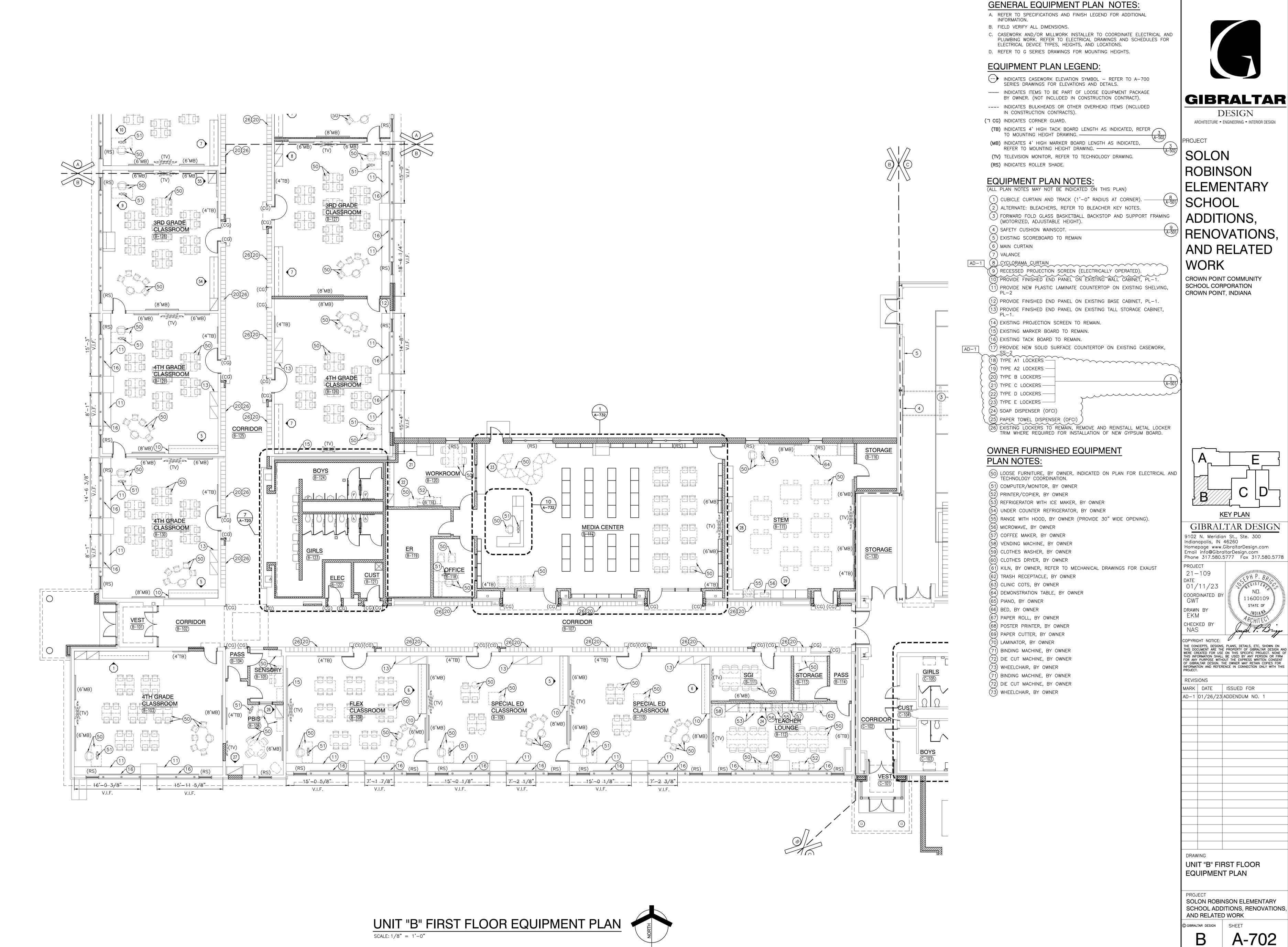
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AD-1	01/26/23	ADDENDUM NO. 1	

UNIT "A" FIRST FLOOR EQUIPMENT PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET



GIBRALTAR DESIGN SHEET В

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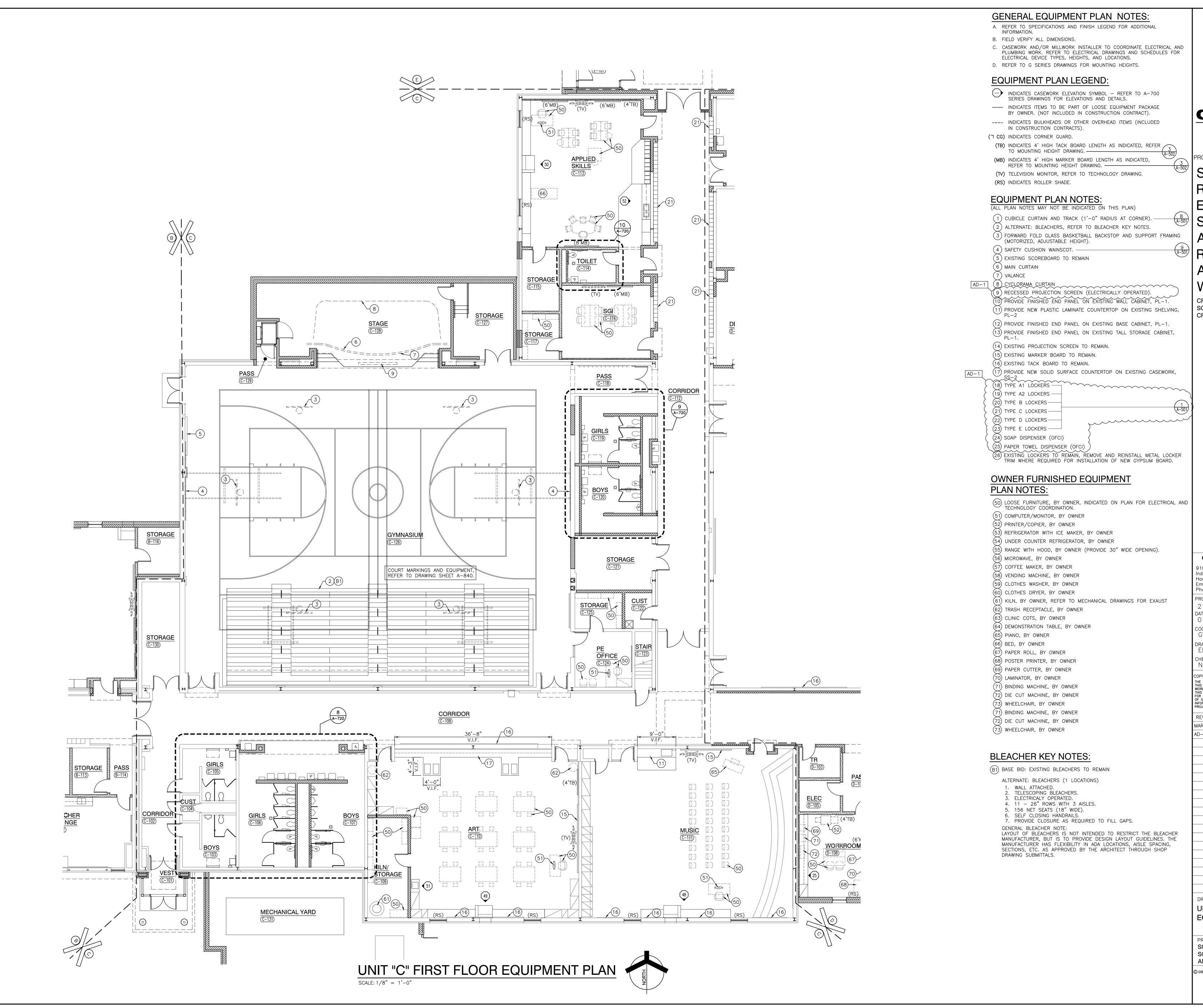
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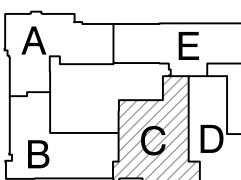
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DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

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Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778

Email info@GibraltarDesi Phone 317.580.5777 F PROJECT

PROJECT
21-109
DATE
01/11/23
COORDINATED BY

DRAWN BY
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DRAWING
UNIT "C" FIRST FLOOR
EQUIPMENT PLAN

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

C SHEET SHEET



## GENERAL EQUIPMENT PLAN NOTES:

- A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
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- (4) SAFETY CUSHION WAINSCOT. 5) EXISTING SCOREBOARD TO REMAIN
- (6) MAIN CURTAIN 7) VALANCE
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  - (11) PROVIDE NEW PLASTIC LAMINATE COUNTERTOP ON EXISTING SHELVING, (12) PROVIDE FINISHED END PANEL ON EXISTING BASE CABINET, PL-1.
  - (13) PROVIDE FINISHED END PANEL ON EXISTING TALL STORAGE CABINET,
  - (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 —

- 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:**

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- 65) PIANO, BY OWNER
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- 71) BINDING MACHINE, BY OWNER
- 72) DIE CUT MACHINE, BY OWNER 73) WHEELCHAIR, BY OWNER
- 71) BINDING MACHINE, BY OWNER
- (72) DIE CUT MACHINE, BY OWNER (73) WHEELCHAIR, BY OWNER

**GIBRALTAR** 

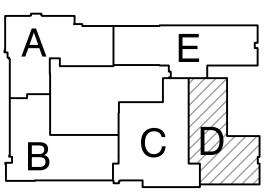
DESIGN ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

PROJECT

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

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA

WORK



**KEY PLAN** 

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 ndianapolis, IN 46260

Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-109 01/11/23 COORDINATED B' 11600109 STATE OF

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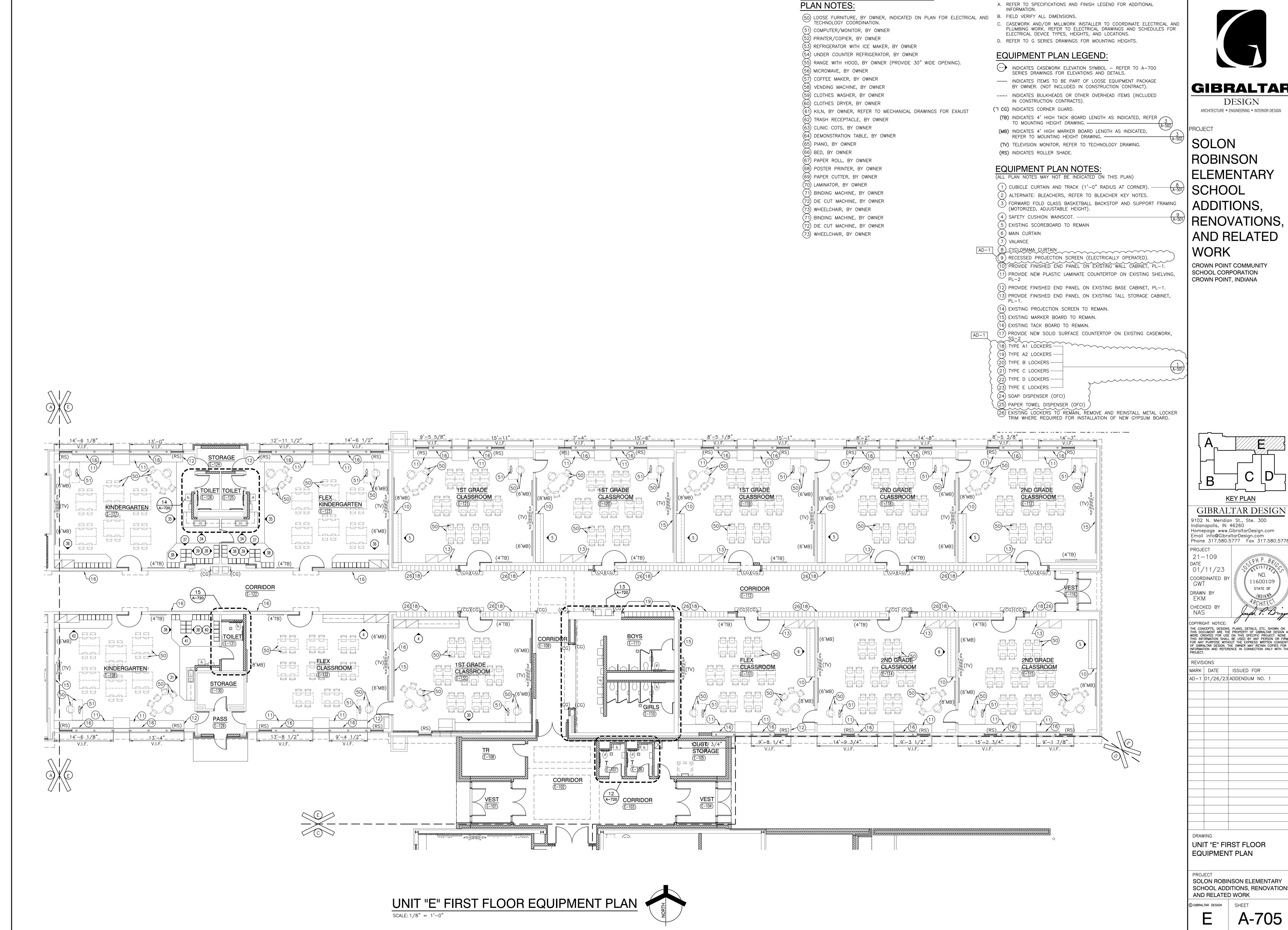
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DRAWING UNIT "D" FIRST FLOOR

**EQUIPMENT PLAN** 

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET



**GIBRALTAR** 

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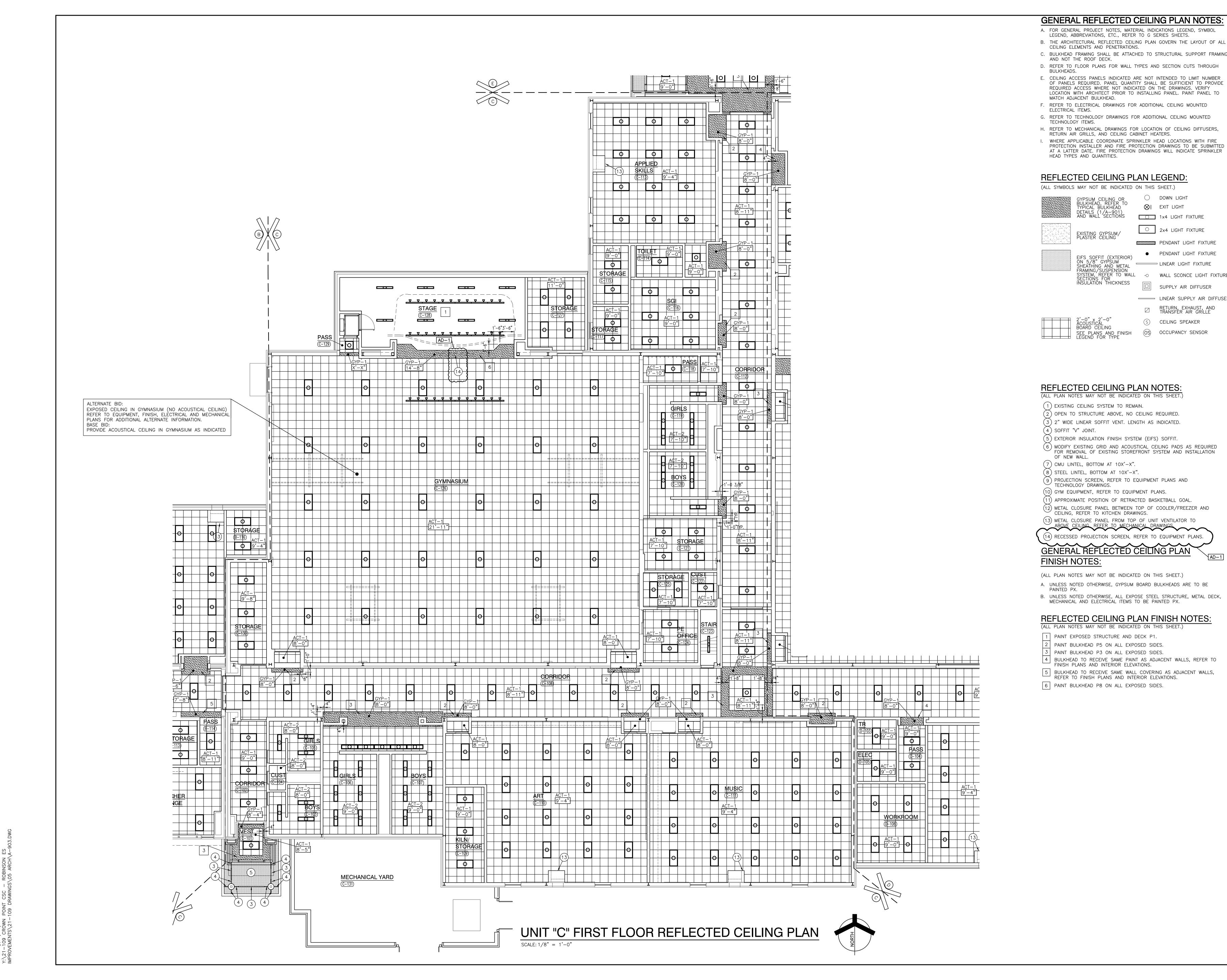
OWNER FURNISHED EQUIPMENT

RENOVATIONS, AND RELATED

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SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS





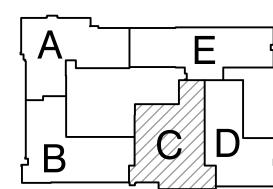
DESIGN

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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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Phone 317.580.5777 F
PROJECT
21-109
DATE
01/11/23
COORDINATED BY
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AD-1 01/26/23 ADDENDUM NO. 1

DRAWING
UNIT "C" FIRST FLOOR
REFLECTED CEILING PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

© GIBRALTAR DESIGN SHEET

#### VOLUME TWO SHEET INDEX SHEET INDEX **GENERAL** GENERAL G-103 COVER SHEET - VOLUME 2 G-101 COVER SHEET - VOLUME G-104 SHEET INDEX - VOLUME 2 G-102 SHEET INDEX - VOLUME 1 G-201 LIFE SAFETY PLAN **MECHANICAL** G-301 TYPICAL MOUNTING HEIGHTS, PARTITION TYPES, ABBREVIATIONS, SYMBOLOGY, AND LEGEND M-001 MECHANICAL NOTES, SYMBOLS & ABBREVIATIONS MD101 UNIT "A" MECHANICAL FIRST FLOOR DEMOLITION PLAN MD102 UNIT "B" MECHANICAL FIRST FLOOR DEMOLITION PLAN MD103 UNITS "C" & "D" MECHANICAL FIRST FLOOR DEMOLITION PLAN MD104 UNIT "E" MECHANICAL FIRST FLOOR DEMOLITION PLAN C-1.0 TOPOGRAPHY & EXISTING UTILITIES MD201 MECHANICAL MEZZANINE DEMOLITION PLAN C-1.1 DEMOLITION PLAN C-1.2A DEMOLITION PLAN MV101 UNIT "A" MECHANICAL FIRST FLOOR VENTILATION PLAN MV102 UNIT "B" MECHANICAL FIRST FLOOR VENTILATION PLAN C-2.0 SITE PLAN MV103 UNIT "C" MECHANICAL FIRST FLOOR VENTILATION PLAN C-2.1A SITE PLAN MV104 UNIT "D" MECHANICAL FIRST FLOOR VENTILATION PLAN MV105 UNIT "E" MECHANICAL FIRST FLOOR VENTILATION 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FOODSERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS K-603 UNIT "D" FOODSERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS

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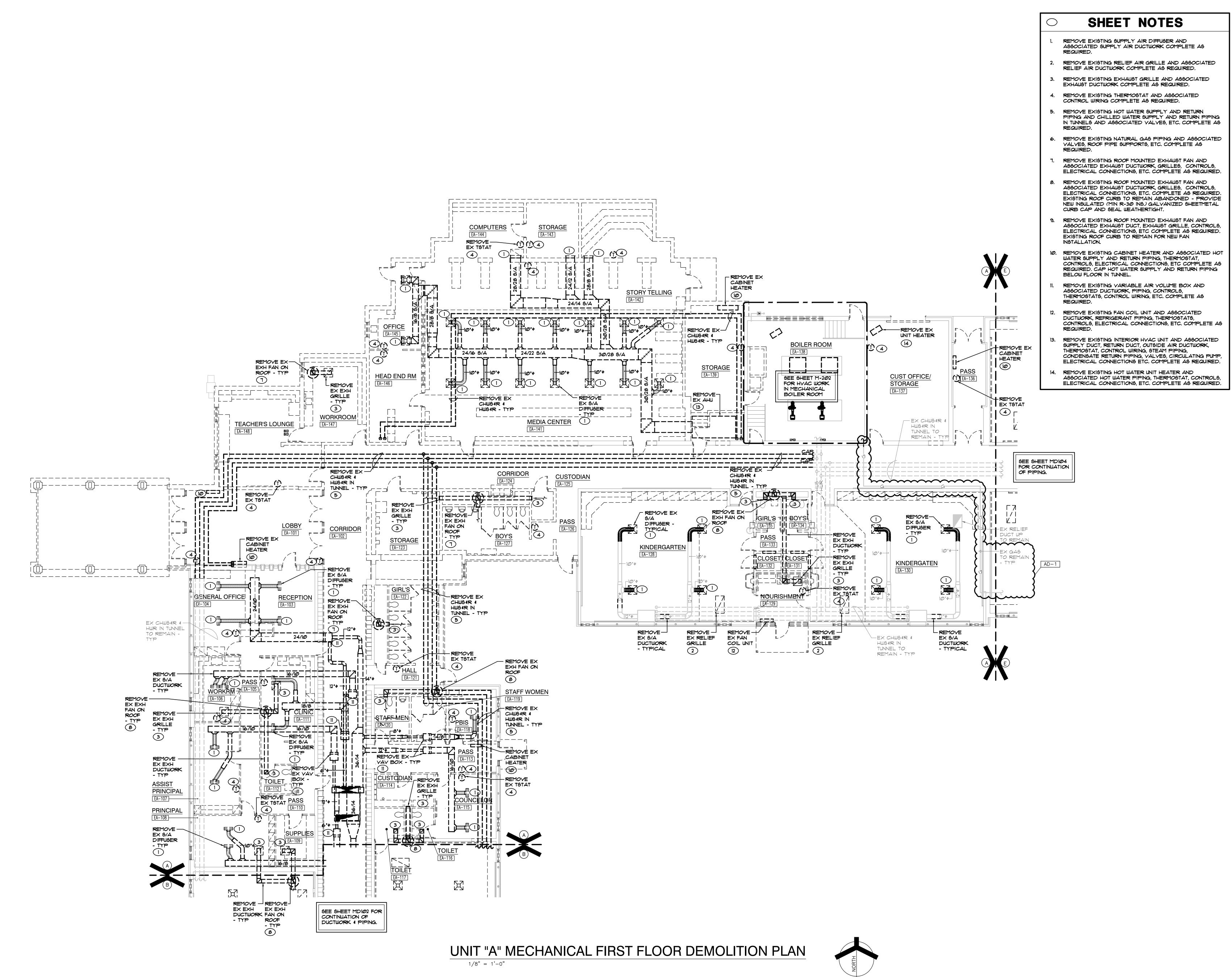
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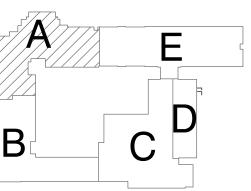
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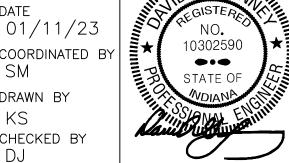


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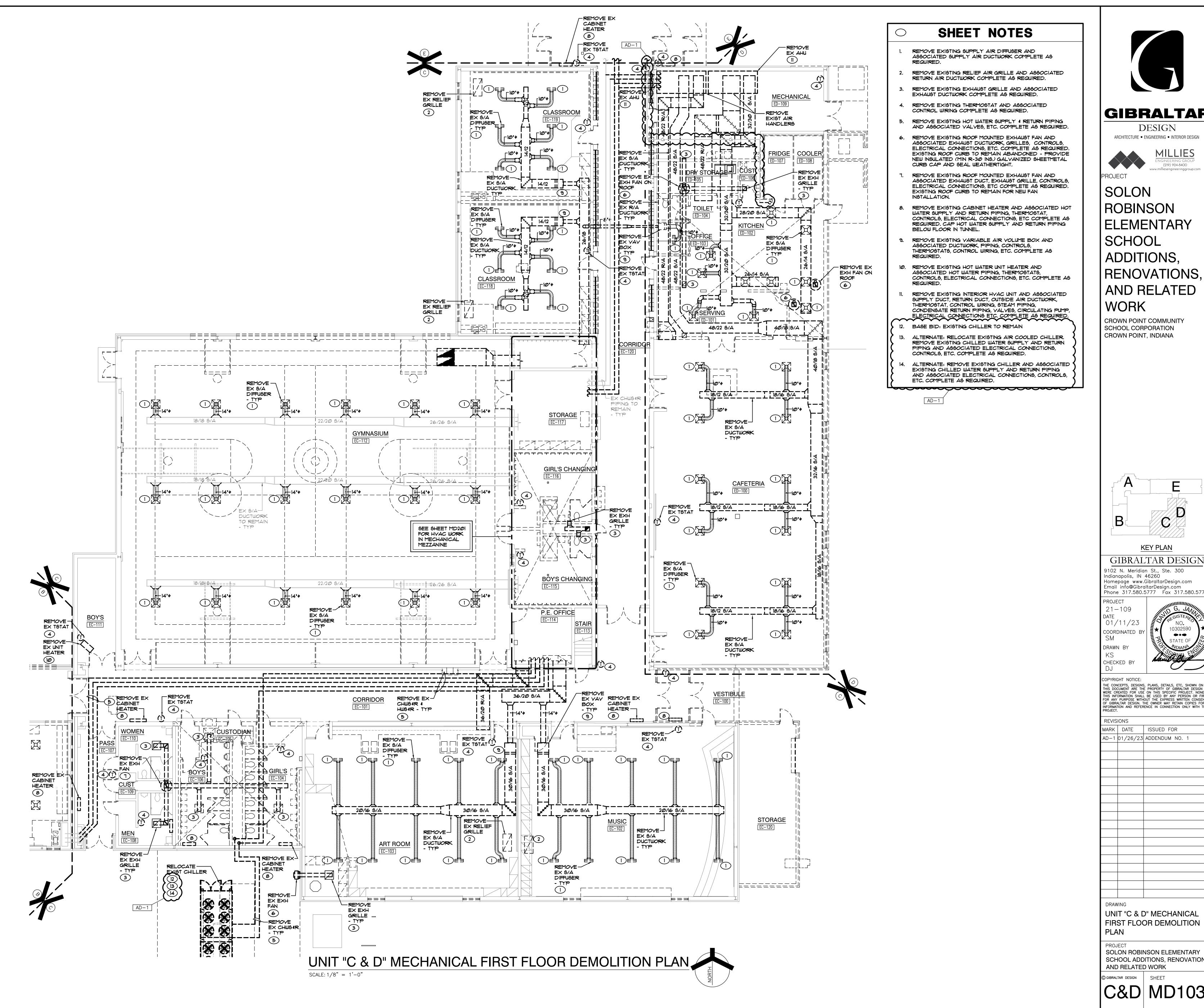
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UNIT "A" MECHANICAL FIRST FLOOR DEMOLITION PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

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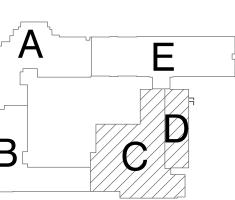
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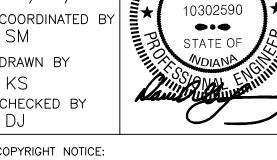
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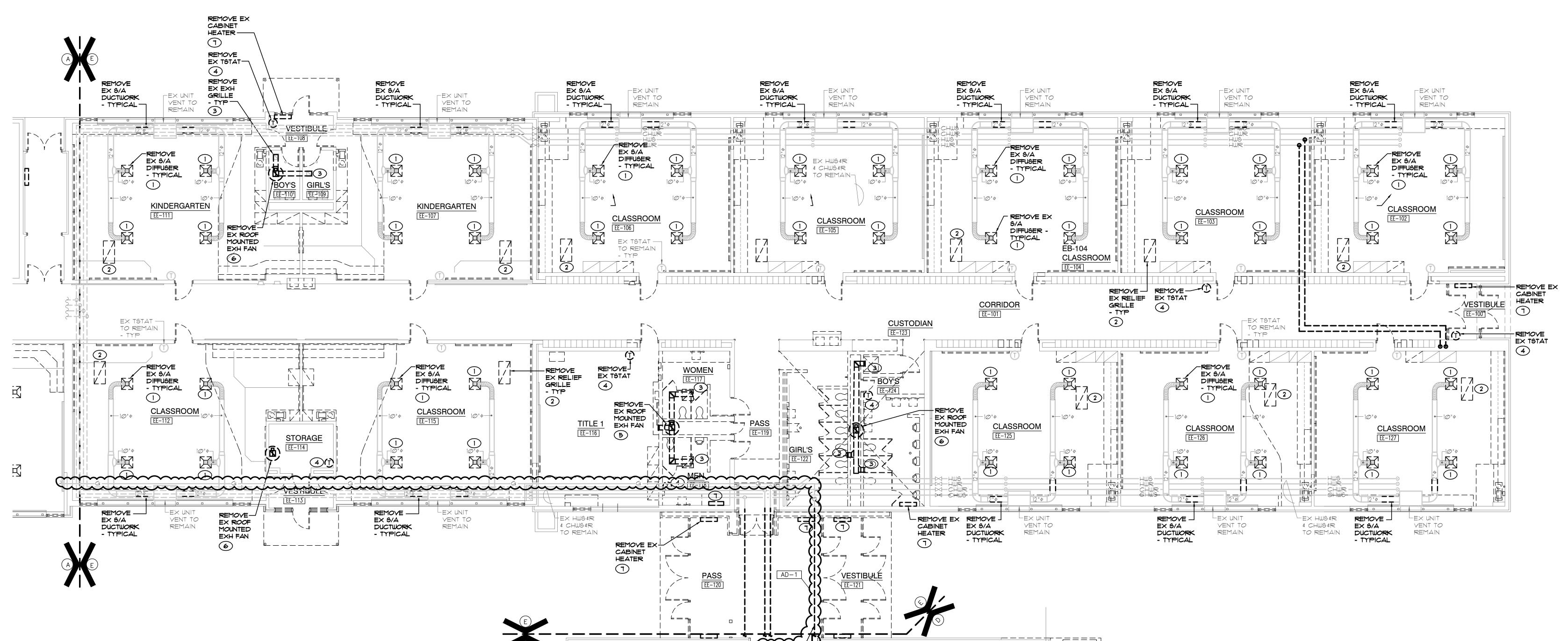
UNIT "C & D" MECHANICAL FIRST FLOOR DEMOLITION PLAN

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|C&D| MD103

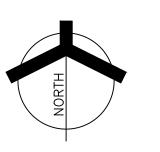
## SHEET NOTES

- REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED SUPPLY AIR DUCTWORK COMPLETE AS REQUIRED.
- REMOVE EXISTING RELIEF GRILLE AND ASSOCIATED RELIEF DUCTWORK COMPLETE AS REQUIRED.
- REMOVE EXISTING EXHAUST GRILLE AND ASSOCIATED EXHAUST DUCTWORK COMPLETE AS REQUIRED.
- REMOVE EXISTING THERMOSTAT AND ASSOCIATED CONTROL WIRING COMPLETE AS REQUIRED.
- REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ASSOCIATED EXHAUST DUCTWORK, GRILLES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED. EXISTING ROOF CURB TO REMAIN ABANDONED - PROVIDE NEW INSULATED (MIN R-30 INS.) GALVANIZED SHEETMETAL CURB CAP AND SEAL WEATHERTIGHT.
- REMOVE EXISTING ROOF MOUNTED EXHAUST FAN AND ASSOCIATED EXHAUST DUCT, EXHAUST GRILLE, CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS REQUIRED. EXISTING ROOF CURB TO REMAIN FOR NEW FAN INSTALLATION.
- REMOVE EXISTING CABINET HEATER AND ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, THERMOSTAT, CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS REQUIRED. CAP HOT WATER SUPPLY AND RETURN PIPING BELOW FLOOR IN TUNNEL.



UNIT "E" MECHANICAL FIRST FLOOR DEMOLITION PLAN SCALE: 1/8" = 1'-0"

REMOVE EX-(GAS PIPING



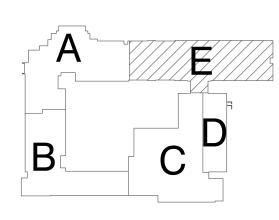


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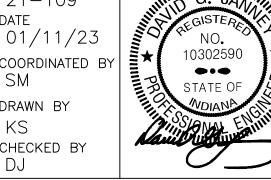
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UNIT "E" MECHANICAL FIRST FLOOR DEMOLITION

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MD104



- 1. CONNECT NEW CHILLED WATER SUPPLY AND RETURN PIPING TO EXISTING CHILLED WATER SUPPLY AND RETURN PIPING IN TUNNELS.
- 2. ROUTE NEW CHILLED WATER SUPPLY AND RETURN PIPING UP EXPOSED TIGHT TO WALL INTO NEW CEILING.
- EXTEND CONDENSATE PIPING FROM UNIT THRU WALL.
  TERMINATE WITH 45 DEGREE ELBOW DOWN TO GRADE.
  SLEEVE AND SEAL PIPE THROUGH WALL PENETRATION
  WEATHERTIGHT.



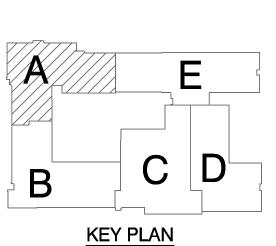




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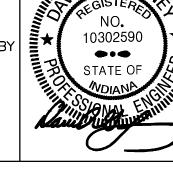


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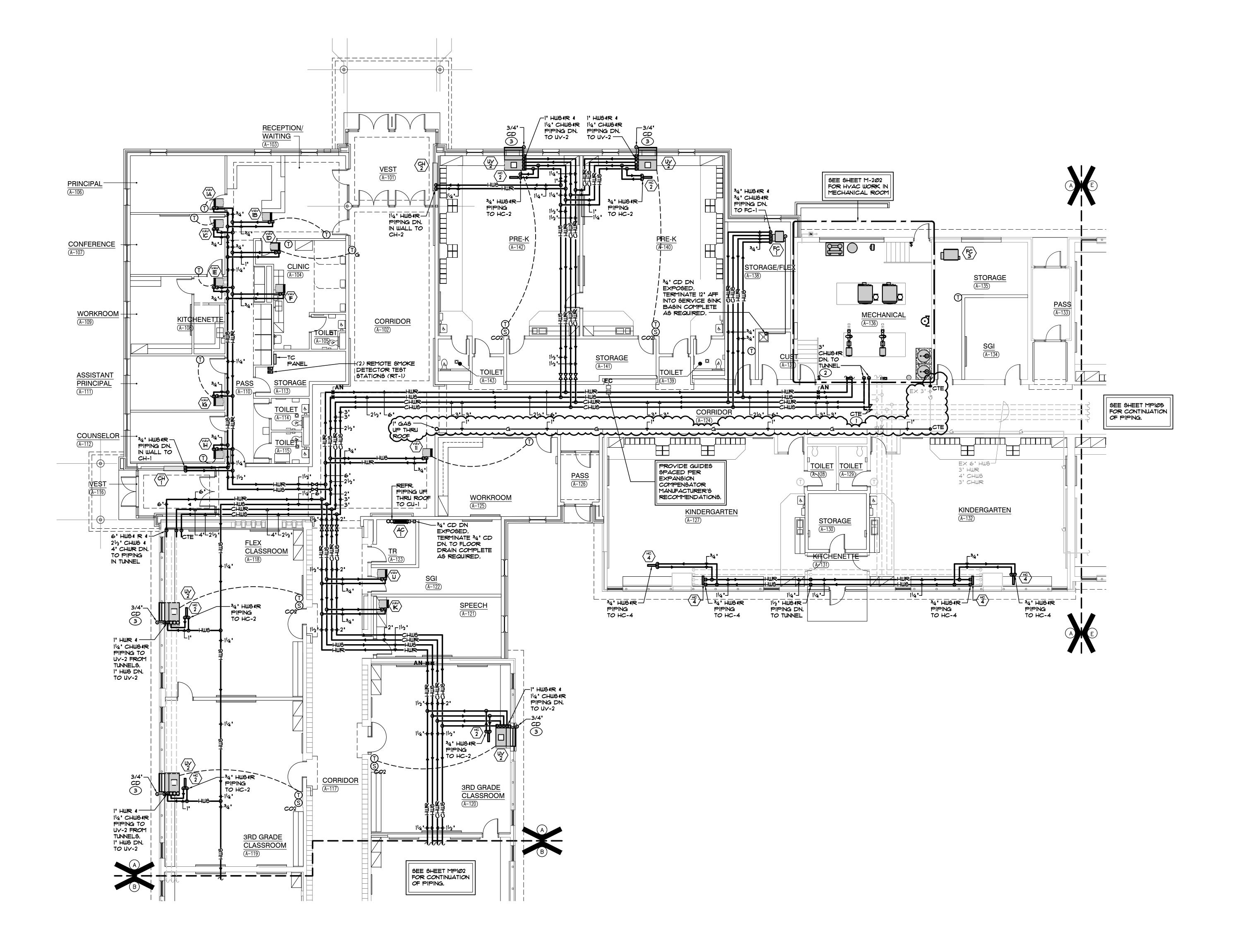
UNIT "A" MECHANICAL FIRST FLOOR PIPING PLAN

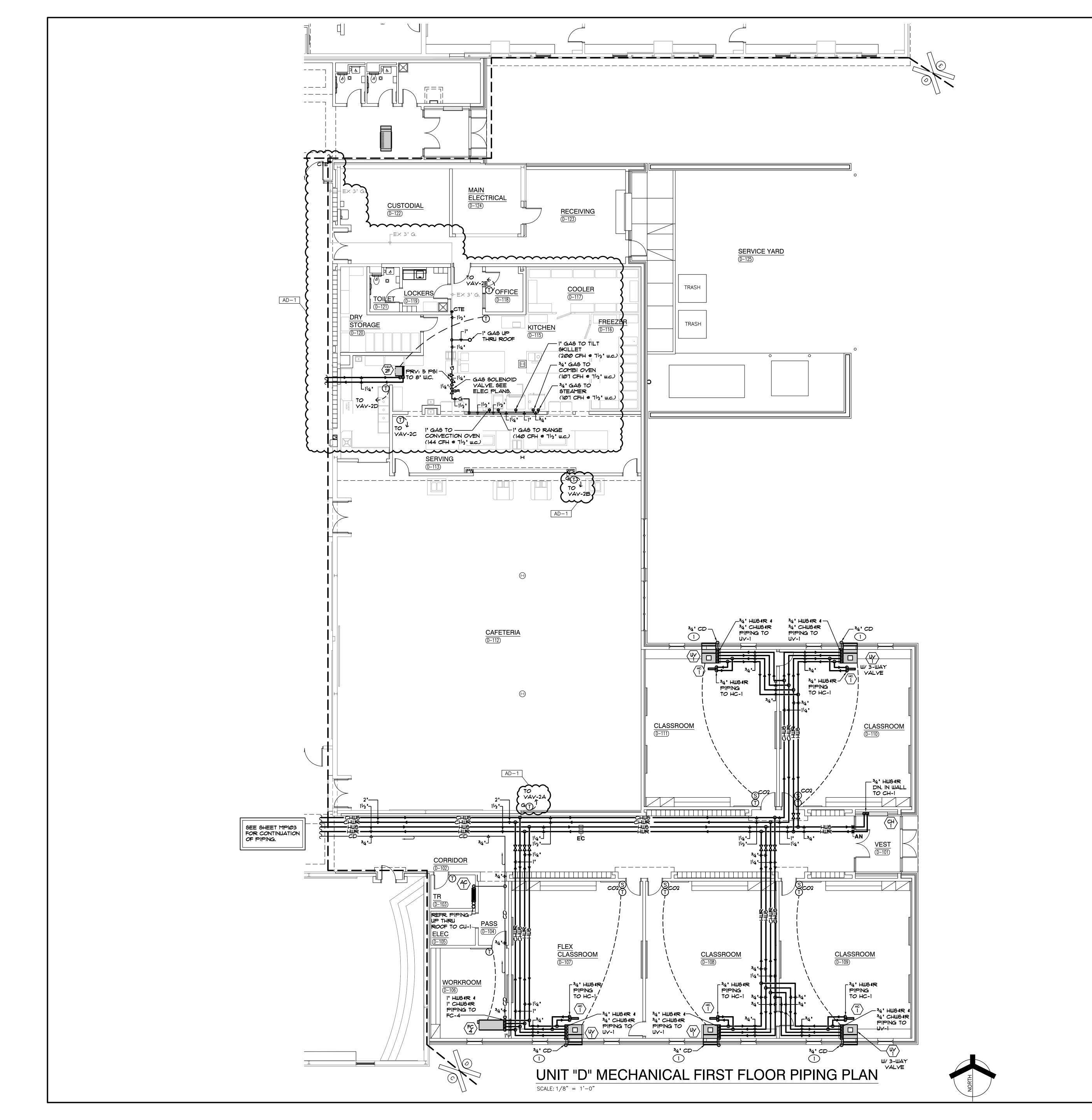
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SHEET NOTES

EXTEND CONDENSATE PIPING FROM UNIT THRU WALL.
TERMINATE WITH 45 DEGREE ELBOW DOWN TO GRADE.
SLEEVE AND SEAL PIPE THROUGH WALL PENETRATION
WEATHERTIGHT.



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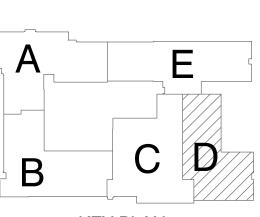
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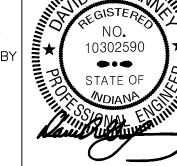
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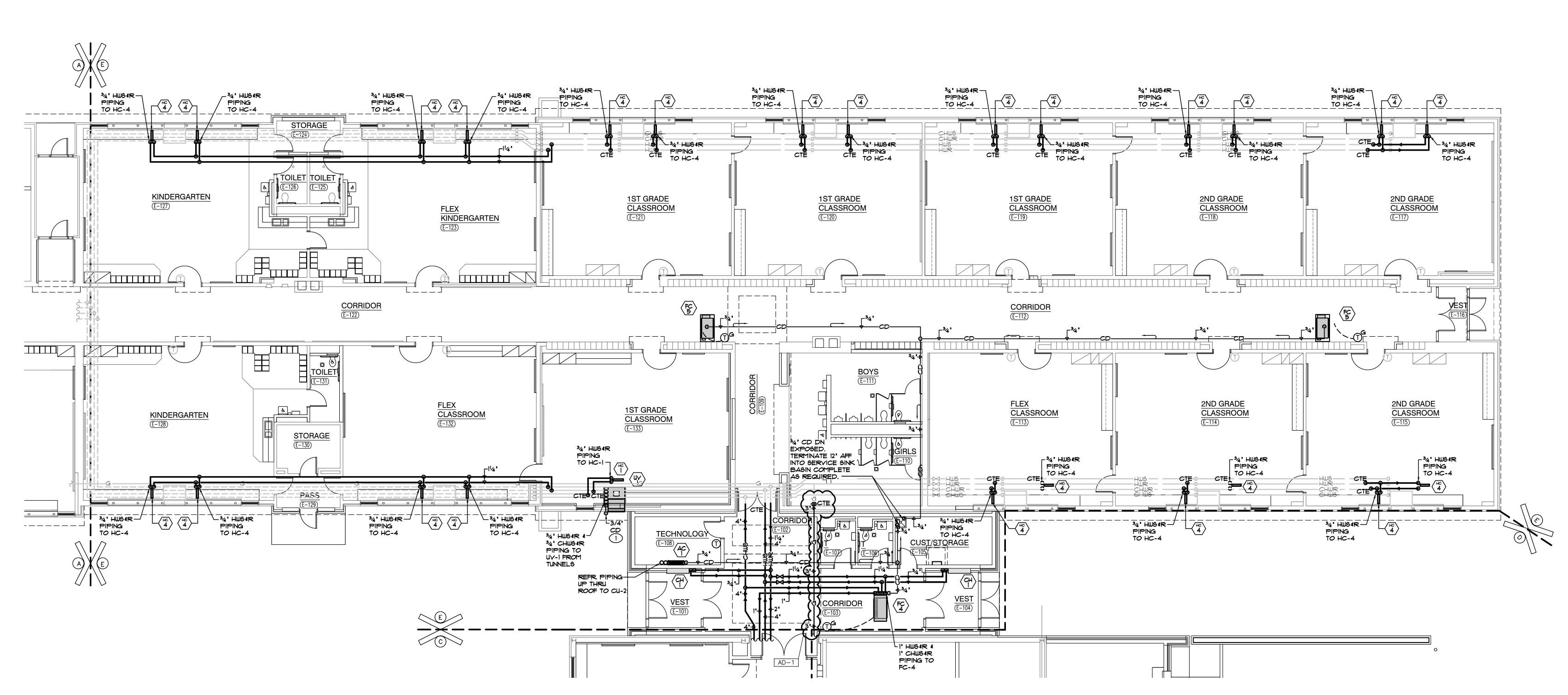
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UNIT "D" MECHANICAL FIRST FLOOR PIPING PLAN

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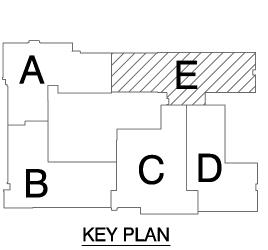


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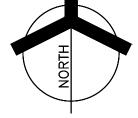
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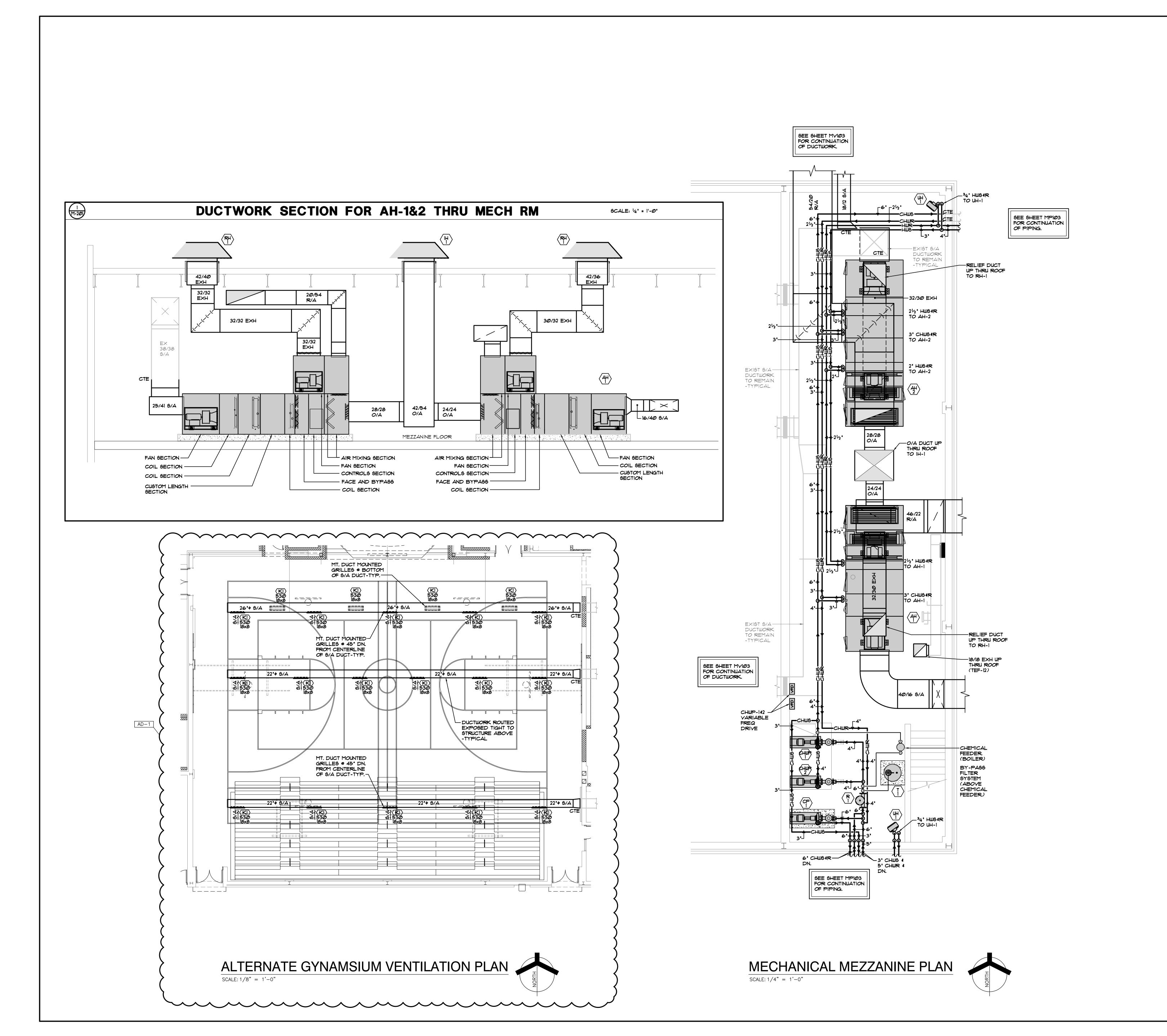
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UNIT "E" MECHANICAL FIRST FLOOR PIPING PLAN

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







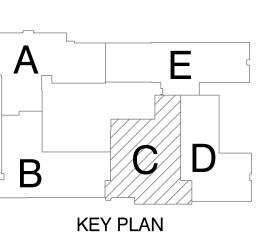
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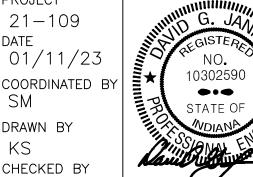
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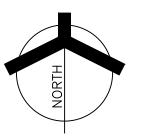
MECHANICAL MEZZANINE

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

M-201

#### **BOILER ROOM** ----BOILER BOILER - TYP / HW BOILER PUMP-TYP -REMOVE EX EXPANSION BOILER VENT-TYP - REMOVE EX EXPANSION - REMOVE EX TANK T==== H.W. PIPING 3 EX H.W. PIPING -TYP -REMOVE EX ---EXPANSION - - -EX H.W. PIPING -TYP -GLYCOL SYSTEM 5 EX H.W. PIPING TO REMAIN REMOVE EX — HW PUMP-TYP

# PARTIAL UNIT "A" MECHANICAL DEMO FIRST FLOOR PLAN SCALE: 1/4" = 1'-0"



#### RETURN PIPING, GAS PIPING, MAKE-UP WATER, EXPANSION TANK, SPECIALTIES, FLUES, CONTROLS, ELECTRICAL POWER CONNECTIONS, ETC COMPLETE AS REQUIRED. 2. REMOVE EXISTING COMBUSTION AIR INTAKE AND VENT FLUES AND ASSOCIATED DAMPERS, HOOD, LOUVER, CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS REQUIRED. CAP INTAKE OPENING WITH R-22 INSULATED SHEETMETAL PANEL COMPLETE AS REQUIRED. 3. REMOVE EXISTING EXPANSION TANK AND ASSOCIATED PIPING COMPLETE AS

- REQUIRED.
- 4. REMOVE EXISTING HOT WATER PUMP AND ALL ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, VALVES, CONTROLS, ELECTRICAL POWER CONNECTIONS, ETC COMPLETE AS REQUIRED.
- 5. REMOVE EXISTING GLYCOL SYSTEM AND ASSOCIATED PIPING, ETC. COMPLETE AS REQUIRED.
- 6. REMOVE EXISTING AIR SEPARATOR AND ASSOCIATED PIPING, SUPPORTS, ETC. COMPLETE AS REQUIRED.

#### SHEET NOTES REMOVE EXISTING BOILERS AND ALL ASSOCIATED HOT WATER SUPPLY AND

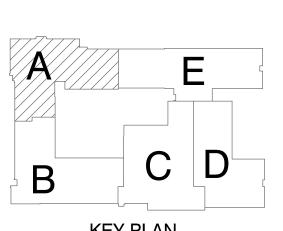
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ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

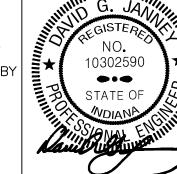


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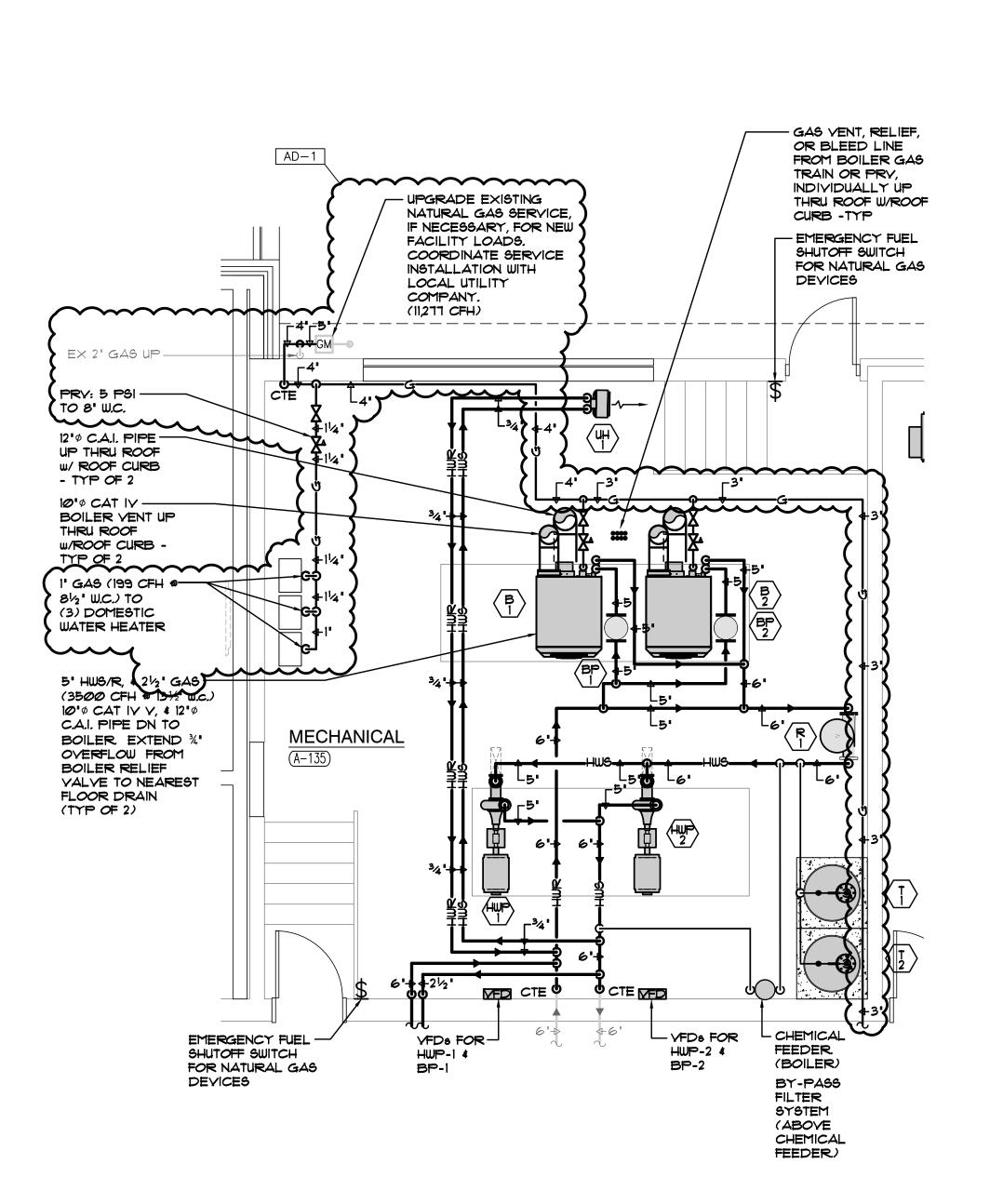
AD-1 | 01/26/23 | ADDENDUM | NO. 1

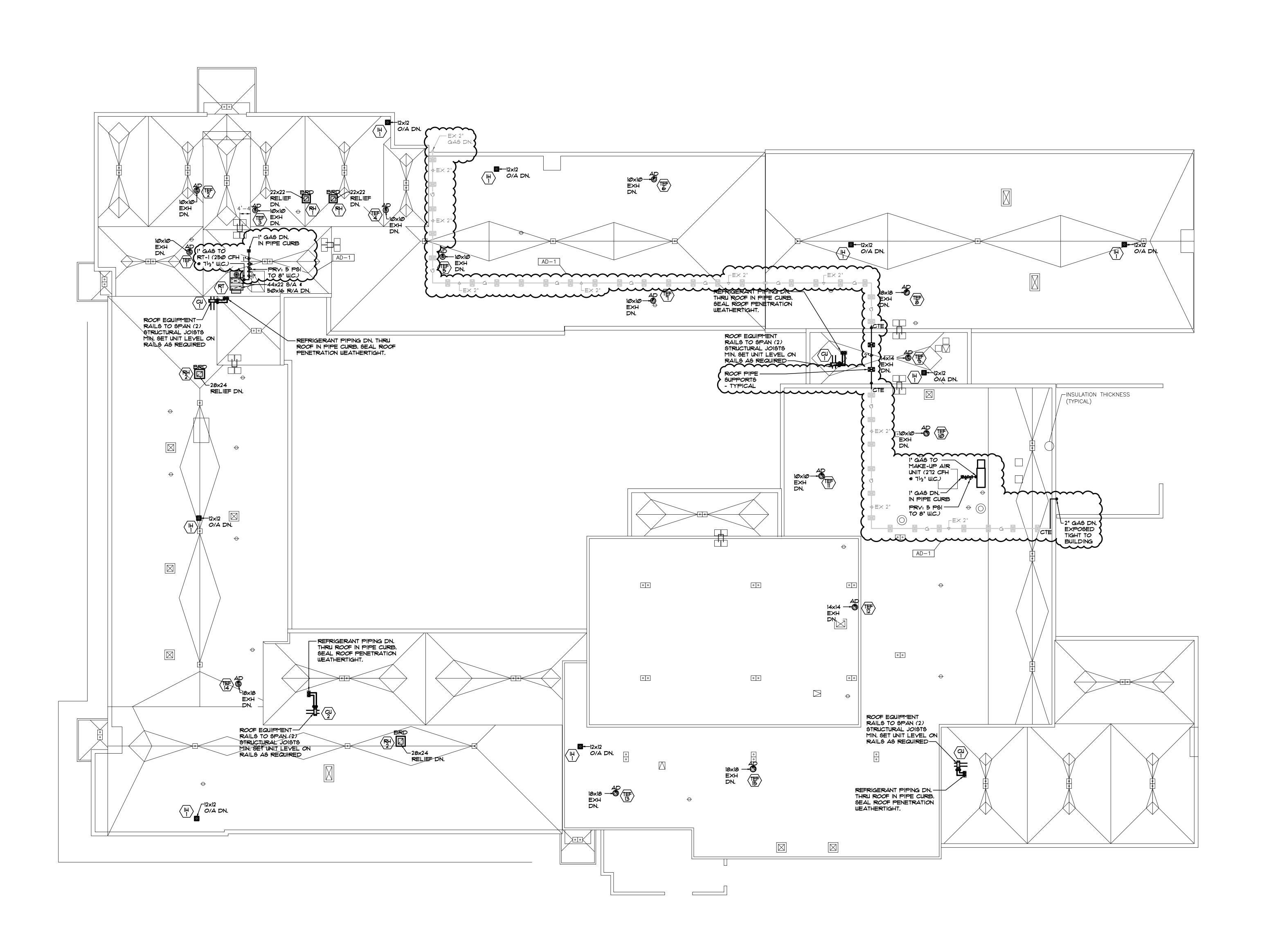
PARTIAL UNIT "A" MECHANICAL FIRST FLOOR PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

A

M-202









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ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

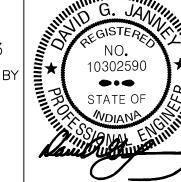
CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

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REVISIONS

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SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

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M-301

101-30

								ME	CHAN	ICAL	EQU	IPM	ENT	SC	HEDU	JLE														
				FAN MOTOR	R DATA			EXHAUS1	T FANS	DX	COOLING EC	QUIPMENT	T/COIL D	ATA	GAS HEA	T'G EQUIP DA	TA CHILLE	WATER	COOLING EQUIP	MENT/COIL DA	тд нот	NATER HEATING	EQUIP/COIL DAT	A HOT WATER PREHEAT CO	DIL DATA		ELECTR	ICAL DATA	UNITS	EQUIP
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	1	LOAI CFM										мвн ме	зн					мах мвн	МВН		MAX MBH	MAXI.O		_		RTER: CONTROL'I	D WEIGHT REM
G-1	<b>+</b> 4.1-	DT 4 COT 0		CFM HIG	GH LOW !	ESP BHP I	HP RPM	CFM E	SP BHP HF	RPM MBL	H SHC EDE	BEWB L	DB LW	B CAT STG	S (IN) (OL	IT) EAT LAT !	6TGS MBH 5		1 EDB EWB LDB		T WPD (IN)	(OUT) GPM EA	AT LAT EWT LWI	WPD (OUT) GPM EAT LAT EU	JT   LWT   WPD   HF					TE IOI NOT
C-1	TRANE	RTAC25Ø	GRADE MOUNTED AIR COOLED CHILLER (ALTERNATE)					-	-   -   -		-   -	-					- 2808	- 430	'	- 54 42						490	600 480			15191 NOTE
B-1	CAMUS	DR-3500	GAS FIRED H.W.CONDENSING BOILER W/ SEALED COMBUSTION		-   -	-   -		-				-	-   -					-   -				3307 332 -	- 160 180			- 20 -	30 208			
B-2	CAMUS	DR-3500	GAS FIRED H.W.CONDENSING BOILER W/ SEALED COMBUSTION					-				-	-   -								- 3500	3307 332 -	- 160 180	35		- 20 -	30 208	1 60 ×	- EX FMS	1840 NOTE
AH-1	TRANE	CSAA@21	INTERIOR CENTRAL STATION AIR HANDLING UNIT	9700 469	95 -	2.7 - :	20 -	-				-	-   -				- 605 3	65 80	83.8 70.0 49.7	49.6 42 54	1 20 -	485 48.5 45.0	91.1 180 160	20		74	125 208	3 60 ×	- EX FMS	5177 NOTE
			HOT WATER HEATING / CHILLED WATER COOLING - YAY		-   -	-   -		9TOO 1	1.4 - 10			-						-   -								35	60 208	3 60 ×	-  -	
ДH-2	TRANE	CSAA@21	INTERIOR CENTRAL STATION AIR HANDLING UNIT	10600 111	75 1060	1.4 - :	20 -	-	-   -   -			-	-   -				- 691	25 92	85.8 70.6 49.5	49.4 42 54	1 20 -	311 31.0 50.1	.Ø 17.1   18Ø   16Ø	20 517 52.0 45.0 90 184	0 160 20 -	74	125 208	3 60 ×	- EX FMS	55Ø3 NOTE
			HOT WATER HEATING / CHILLED WATER COOLING - SZVAV		-   -	-   -	-   -	10600	1.1 - 10		-   -	-	-   -	-   -	-   -		-   -	-   -		-   -   -	- -	-   -   -	- - -	- - - -	-   -   -	53	90 208	3 60 ×	- -	-  -
RT-I	TRANE	YSJ15@A3S@H	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT-YAY	4425 72!	25 -	1.7 -	3.1 1623	-		- 139	116 77	63	52 51	95 MOI	250 20	93 65 107	MOD -	-   -								64	90 208	3 60 ×	- EX FMS	IS98 NOTE
U <b>∨</b> -1	ENGINEERED AIR	RUV800	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	800 65	5 -	0.5 -	1/2 -	-	-   -   -	- -		-	-   -	- -	-   -		- 24.4 1	3.6 4.0	77.7 64.9 56.2	55.0 42 54	1 12 -	19.6 2.0 64.	.8 87.5 180 160	12		10	15 120	1 60 ×	- EX FMS	535 NOTE
U <b>√</b> -2	ENGINEERED AIR	RUV1200	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	1200 46	50 -	0.5 - 3	3/4 -	-	-   -   -	- -		-	-   -				- 48.8 3	3.2 8.0	83.0 68.4 57.4	55.8 42 54	1 12 -	56.6 6.0 39.6	0 82.6 180 160	12		13	20 120	1 60 ×	- EX FMS	59Ø NOTE
JV-3	ENGINEERED AIR	RUV1600	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	1600 70	<i>2</i> 5 -	0.5 - 3	3/4 -	-	-   -   -	- -		-	-   -				- 70.9 4	6.3 11.0	84.0 69.3 57.2	55.7 42 54	4 12 -	78.5 8.4 33.9	.9 79.3 180 160	12		13	20 120	1 60 ×	- EX FMS	TOO NOTE
FC-1	TRANE	FCCBØ2Ø	HORIZONTAL CONCEALED FAN COIL UNIT	325 25	5 -	0.5 - 0	Ø.13 1833	-	-   -   -	- -		-	-   -				- 8.4	5.9 1.4	77.0 66.8 60.4	58.6 42 54	1 12 -	13.0 1.3 65.	.6 106 180 160	12		2.8	15 120	1 60 ×	- EX FMS	81 NOTE
FC-2	TRANE	FCCBØ4Ø	HORIZONTAL CONCEALED FAN COIL UNIT	310 115	5 -	0.5 - 0	Ø.13 1619	_				-	_   _				- 12.1	3.9 2.0	82.1 67.3 55.7	54.6 42 54	1 12 -	18.3 1.8 42.9	.9 97.3 180 160	) 12		2.8	15 120	1 60 ×	- EX FMS	11Ø NOTE
FC-3	TRANE	FCCBØ6Ø	HORIZONTAL CONCEALED FAN COIL UNIT	675 120	ø -	0.5 . 0	Ø.25 1835	_				_	_   _				- 18.2	2.7 3.0	79.1 67.7 61.9	59.4 42 54	4 12 -	482 4.9 57.	3 125 180 160	) 12		3.9	15 120	1 60 ×	- EX FMS	140 NOTE
C-4	TRANE	FCCBIØØ	HORIZONTAL CONCEALED FAN COIL UNIT	900 50			0.25 1600					+ _ +	_   _						TT.1 63.8 58.3				.9 136 180 160			6.1	15 120			200 NOTE
C-5	TRANE	FCEBØ8Ø	HORIZONTALRECESSED FAN COIL UNIT	945 136			Ø25 1622												78.3 64.1 54.9				0 96 180 160				15 120			200 NOTE
				400 0			<i>0.</i> 1 1163					+ - +		+ + -	-   -			7.1	0.5 64.1 94.3	99.8 42 9-	12 -		1.0 128 180 160			2.8	15 120		- EX FM6	
H-1	TRANE	FFNBØ4Ø	VERTICAL RECESSED HOT WATER CABINET HEATER								-   -	<del>                                     </del>	-   -					-   -												
CH-2	TRANE	FFNB12Ø	VERTICAL RECESSED HOT WATER CABINET HEATER	1200 0	0 -		<i>0.</i> 3   1211					-	-   -				-   -	-   -					.0 127 180 160			6.1	15 120		- EX FMS	
CH-3	TRANE	FFEBØ4Ø	HORIZONTAL CEILING RECESSED HOT WATER CABINET HEATER		0 -	Ø.1 -	Ø.1 1153	-				-	-   -					-   -				29.4 2.9 60.	128   180   160	5		2.8	15 120	1 60 ×	- EX FMS	
JH-1	YULCAN	HV-36	HOT WATER SUSPENDED UNIT HEATER	480 -		0	0.02 1350	-				-	-   -				-   -					23.5 2.7 60	0 100 180 160	5		1.1	15 120	1 60 ×	- EX FMS	3Ø NOTE
-1/CU-1	MITSUBISHI	TPKA-AI2/TRUY-Ø	2 WALL MTD AC/ROOF MTD AIR COOLED CONDENSING UNIT	32Ø -	-   -	-   -		-		- 12		-	-   -	95 1				-   -								11	28 208	1 60 ×	- EX FM6	29/92 NOTE
-2/CU-2	MITSUBISHI T	PKA-A36/TRUY-0:	36 WALL MTD AC/ROOF MTD AIR COOLED CONDENSING UNIT	705 -	-   -	-   -		-	-   -   -	- 36		-	-   -	95 1			-   -	-   -								25	30 208	1 60 ×	- EX FMS	46/215 NOTE
EF-1	TWIN CITY	VC-Ø85	TOLIET EXHAUST FAN					180 0	0.4 0.03 1/6	1569 -		-													1/4	5	- 120	1 60 -	× EX FM6	50 NOTE
EF-2	TWIN CITY	YC-089	TOLIET EXHAUST FAN		-   -	-   -		390 0	0.5 0.06 1/6	1687 -		-	-   -				-   -	-   -							1/4	<b>5</b>	- 120	1 60 -	× EX FMS	50 NOTE
EF-3	TWIN CITY	YC-Ø11	TOLIET EXHAUST FAN		-   -	-   -		325	0.4 0.02 1/6	1515 -		-	-   -				-   -	-   -							1/6	5	- 120	1 60 -	× EX FM6	50 NOTE
EF-4	TWIN CITY	VC-Ø85	TOLIET EXHAUST FAN			-   -		220	0.4 0.03 1/6	1624 -		-	-   -												1/6	5	- 120	1 60 -	× EX FMS	50 NOTE
EF-5	TWIN CITY	VC-085	TOLIET EXHAUST FAN			-   -	-   -	220	0.4 0.03 1/6	1624 -		-					-   -			-   -   -		-   -   -	-   -   -		1/4	5	- 120	1 60 -	× EX FMS	50 NOTE
EF-6	TWIN CITY	VC-085	TOLIET EXHAUST FAN		-   -	-   -	-   -	220	0.4 0.03 1/6	1624 -		-	-   -				-   -	-   -		-   -   -					1/6	5	- 120	1 60 -	× EX FMS	50 NOTE
EF-7	TWIN CITY	VC-Ø11	TOLIET EXHAUST FAN			-   -	-   -	120	0.4 0.02 1/6	1515 -		-					-   -	-   -							1/4	5	- 120	1 60 -	× EX FMS	50 NOTE
EF-8	TWIN CITY	DCRD-120	TOLIET EXHAUST FAN		-   -	-   -	_   _	1040 0	0.6 0.22 1/2	15@5 -		-	_   _				-   -	-   -							1/2	2	- 120	1 60 -	× EX FMS	65 NOTE
≣F-9	TWIN CITY	VC-12Ø	TOLIET EXHAUST FAN		-   -	-   -	_   _	550 0	0.5 Ø.11 1/6	1260 -		+ - +	_   _				-   -	_   _				-   -   -		-  -  -  -  -	1/6	5	- 120	1 60 -	× EX FMS	50 NOTE
F-10	TWIN CITY	VC-089	TOLIET EXHAUST FAN		_   _	_   _			0.5 0.03 1/6			+ - +	_   _				_   _	_   _							1/2	5	- 120		× EX FMS	
EF-11	TWIN CITY	VC-085	TOLIET EXHAUST FAN		_				0.4 0.03 1/6			+ - +					_   _	_								<u> </u>	- 120		× EX FMS	
EF-12												+ - +	<u> </u>	-   <b>-</b>	-   <b>-</b>	-   <del>-</del>	_   -	_							-   -   1/8		- 120			
	TWIN CITY	DCRD-13Ø	TOLIET EXHAUST FAN		-   -	-   -	-   -		0.6 0.21 3/4			-	-   -			-   -	-   -	-   -		-   -   -			-   -   -		3/	4			X EX FMS	
F-13	TWIN CITY	DCRD-160	TOLIET EXHAUST FAN		-   -	-   -	-   -		0.7 0.64 1			-	-   -	-   -			-   -	-   -		-   -   -					-   -   1	-   -   -	- 120		× E× FMS	
EF-14	TWIN CITY	DCRD-150	TOLIET EXHAUST FAN		-   -	-   -	-   -		0.6 0.26 1			-	-   -	-   -		-   -	-   -	-   -		-   -   -		-   -   -		- - - -	-   -   1		- 120		× EX FMS	
EF-15	TWIN CITY	DCRD-140	TOLIET EXHAUST FAN		-   -	-   -		1740 0	0.6 0.37 3/4	1409 -	-   -	-	-   -	-   -		-   -	-   -	-   -	-   -   -	-   -   -	-   -	-   -   -	-   -   -	- - - -	-   -   3/	4 -   -   -	- 120	1 60 -	× EX FMS	100 NOTE

NOTE 1: PROVIDE WITH:

COMBUSTION AIR INTAKE DAMPER
 NEUTRALIZATION BASIN
 SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 2: SEE PLANS AND SECTIONS FOR LAYOUT OF AIR HANDLING UNIT. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 3:
PROVIDE WITH:
•INTEGRATED ECONOMIZER WITH DIFFERENTIAL

ENTHALPY SENSORS

• DISCONNECT SWITCH

• HINGED ACCESS PANELS

• VIBRATION ISOLATION ROOF CURB w/ HUSHCORE

LOW LEAK ECONOMIZER DAMPERS
POWERED EXHAUST FAN
ENERGY RECOVERY
DOUBLE WALL CONSTRUCTION

DECK DS-52 ACOUSTICAL TREATMENT

• VARIABLE SPEED COMPRESSOR SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. NOTE 4:
PROVIDE WITH:
INTEGRATED ENTHALPY ECONOMIZER
DISCONNECT SWITCH

• DISCONNECT SWITCH
• FACE/BYPASS DAMPER
• FILTERS
• CONDENSATE PUMP (WHERE INDICATED ON PLANS)
• IO' WIDE SIDE MOUNTED PIPE CHASE W/ ACCESS

DEEP FASLEBACK FOR UNITS W/ DUCTED
OUTSIDE AIR CONNECTIONS (WHERE INDICATED ON PLANS)

EE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 5:
PROVIDE WITH:

PROVIDE WITH:

• DISCONNECT SWITCH

• VIBRATION ISOLATION HANGERS

• TERMINAL STRIPS FOR DDC READY

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

MIZER

NOTE 6:
PROVIDE WITH:

• DISCONNECT SWITCH

• VIBRATION ISOLATION HANGERS

• TERMINAL STRIPS FOR DDC READY

• HORIZONTAL RECESSED PANEL

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 7:
PROVIDE WITH:

• INTEGRAL THERMOSTAT

INTEGRAL THERMOSTAT
 INTEGRAL THERMOSTAT
 DISCONNECT SWITCH
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

NOTE 8:
PROVIDE WITH:
 DISCONNECT SWITCH
 VIBRATION ISOLATION HANGERS

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

• TERMINAL STRIPS FOR DDC READY

NOTE 9:
PROVIDE WITH:

• WALL MOUNTED THERMOSTAT

• DISCONNECT

• VIBRATION ISOLATION HANGERS
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

NOTE 10:
PROVIDE CONDENSING UNIT WITH:

• LOW AMBIENT CONTROLS FOR 100% COOLING DOWN TO -10°F.

• EQUIPMENT SUPPORT RAILS
PROVIDE AC INDOOR UNIT WITH:

• WALL MOUNTED WIRED THERMOSTAT

• CONDENSATE PUMP

• WALL MOUNTING HARDWARE

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

NOTE II:
PROVIDE WITH:

•ECM MOTOR WITH POTENTIOMETER SPEED

CONTROLLER

•MOTORIZED DAMPER

•BIRD SCREEN

•ROOF CURB

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

TAG         DESCRIPTION         LOCATION         CAPACITY CFH         REMARKS           RT-I         ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - VAV         ROOF         250         -           B-I         ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - VAV         A-135 MECHANICAL         35000         -           B-2         ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - VAV         A-135 MECHANICAL         199         -           -         TANKLESS WATER HEATER         A-135 MECHANICAL         199         -           -         TEMPERSENCY GENERATOR         ROOF         2460         -           -         ROOF MOUNTED GAS FIRED PACKAGED UNIT - KITCHEN MAKE-UP AIR UNIT         ROOF         21					
B-1   ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - VAV	TAG	DESCRIPTION	LOCATION		REMARKS
B-2   ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - VAV	RT-1	ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - YAY	ROOF	25Ø	-
- TANKLE9S WATER HEATER A-135 MECHANICAL 199 -  TANKLE9S WATER HEATER A-135 MECHANICAL 199 -  TANKLE9S WATER HEATER A-135 MECHANICAL 199 -  TANKLE9S WATER HEATER A-135 MECHANICAL 199 -  EMERGENCY GENERATOR ROOF 2460 -  ROOF MOUNTED GAS FIRED PACKAGED UNIT - KITCHEN MAKE-UP AIR UNIT ROOF 272 -  COMBI OVEN / STEAMER DOUBLE STACK D-115 KITCHEN 214 -  40 GALLON TILT SKILLET D-115 KITCHEN 200 -  FOUR BURNER RANGE WITH OVEN BASE D-115 KITCHEN 140 -	B-1	ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - VAV	A-135 MECHANICAL	3500	-
- TANKLE99 WATER HEATER A-135 MECHANICAL 199 -  TANKLE99 WATER HEATER A-135 MECHANICAL 199 -  EMERGENCY GENERATOR ROOF 2460 -  ROOF MOUNTED GA9 FIRED PACKAGED UNIT - KITCHEN MAKE-UP AIR UNIT ROOF 272 -  COMBI OVEN / STEAMER DOUBLE STACK D-115 KITCHEN 214 -  40 GALLON TILT SKILLET D-115 KITCHEN 200 -  FOUR BURNER RANGE WITH OVEN BASE D-115 KITCHEN 140 -	B-2	ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - YAY	A-135 MECHANICAL	3500	-
- TANKLE96 WATER HEATER A-135 MECHANICAL 199 EMERGENCY GENERATOR ROOF 2460 ROOF MOUNTED GAS FIRED PACKAGED UNIT - KITCHEN MAKE-UP AIR UNIT ROOF 272 COMBI OVEN / STEAMER DOUBLE STACK D-115 KITCHEN 214 40 GALLON TILT SKILLET D-115 KITCHEN 200 FOUR BURNER RANGE WITH OVEN BASE D-115 KITCHEN 140 -	-	TANKLESS WATER HEATER	A-135 MECHANICAL	199	-
- EMERGENCY GENERATOR ROOF 2460 ROOF MOUNTED GAS FIRED PACKAGED UNIT - KITCHEN MAKE-UP AIR UNIT ROOF 272 COMBI OVEN / STEAMER DOUBLE STACK D-II5 KITCHEN 214 40 GALLON TILT SKILLET D-II5 KITCHEN 200 FOUR BURNER RANGE WITH OVEN BASE D-II5 KITCHEN 140 -	-	TANKLESS WATER HEATER	A-135 MECHANICAL	199	-
- ROOF MOUNTED GAS FIRED PACKAGED UNIT - KITCHEN MAKE-UP AIR UNIT ROOF 272 COMBI OVEN / STEAMER DOUBLE STACK D-115 KITCHEN 214 40 GALLON TILT SKILLET D-115 KITCHEN 200 FOUR BURNER RANGE WITH OVEN BASE D-115 KITCHEN 140 -	-	TANKLESS WATER HEATER	A-135 MECHANICAL	199	-
- COMBI OVEN / STEAMER DOUBLE STACK D-115 KITCHEN 214 - 40 GALLON TILT SKILLET D-115 KITCHEN 200 - FOUR BURNER RANGE WITH OVEN BASE D-115 KITCHEN 140 -	-	EMERGENCY GENERATOR	ROOF	2460	-
- 40 GALLON TILT SKILLET D-115 KITCHEN 200 FOUR BURNER RANGE WITH OVEN BASE D-115 KITCHEN 140 -	-	ROOF MOUNTED GAS FIRED PACKAGED UNIT - KITCHEN MAKE-UP AIR UNIT	ROOF	272	-
- FOUR BURNER RANGE WITH OVEN BASE D-115 KITCHEN 140 -	-	COMBIOVEN / STEAMER DOUBLE STACK	D-115 KITCHEN	214	-
	-	40 GALLON TILT SKILLET	D-115 KITCHEN	200	-
- DOUBLE STACK CONVECTION OVEN D-115 KITCHEN 144 -	-	FOUR BURNER RANGE WITH OVEN BASE	D-115 KITCHEN	140	-
	-	DOUBLE STACK CONVECTION OVEN	D-115 KITCHEN	144	-

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TAG	MANUFACTURER	MODEL	INLET	CFM SETTIN	<b>1</b> G	HW REHE	AT COIL	DATA		CONTROL SEQU	ENCE	REMARKS
			DIA.	MAX CFM	MIN CFM	MBH	GPM	WPD	EWT	OPEN/ CLOSED	OPEN/CLOSED/ OPEN	
14	NAILOR	D30RW-06	6'	365	50	11.9	1.2	5'	180	-	×	-
1B	NAILOR	D30RW-06	6'	390	55	12.7	1.3	5'	180	-	×	-
10	NAILOR	D30RW-06	6'	335	45	10.9	1.1	5'	180	-	×	-
1D	NAILOR	D30RW-12	12"	1,350	185	43.9	4.4	5'	180	-	×	-
ΙE	NAILOR	D30RW-07	יד	410	55	13.3	1.3	5'	180	-	×	-
1F	NAILOR	D30RW-07	יד	550	75	14.9	1.5	5'	180	×	-	-
IG	NAILOR	D30RW-05	5'	195	25	6.3	06	5'	180	-	×	-
114	NAILOR	D30RW-07	יד	43Ø	60	14.0	1.4	5'	180	-	×	-
11	NAILOR	D30RW-08	8'	685	95	22.3	2.2	5'	180	-	×	-
IJ	NAILOR	D30RW-06	6'	29Ø	40	9.4	Ø.9	5'	180	-	×	-
1K	NAILOR	D30RW-05	5'	265	35	8.6	<i>0.</i> 9	5'	180	-	×	-

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			DIA.	MAX.	MIN.	MBH	GPM	WPD	EWŤ	OPEN/	OPEN/CLOSED/	
				CFM	CFM					CLOSED	OPEN	
24	NAILOR	D30RW-14	14"	2,440	פרוו	79.4	7.9	5'	180	-	×	-
2B	NAILOR	D3ØRW-14	14"	2,440	פרוו	79.4	7.9	5'	180	-	×	-
2C	NAILOR	D30RW-10	10'	1,155	555	37.6	3.8	5'	180	-	×	-
2D	NAILOR	D30RW-08	8'	740	355	2Ø.1	2.00	5'	180	×	-	-
2⋿	NAILOR	D30RW-07	יד	550	265	14.9	1.5	5'	180	×	-	-
2⊨	NAILOR	D30RW-14	14"	2,430	1170	1.er	7.9	5'	180	-	×	-



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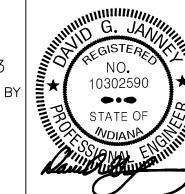
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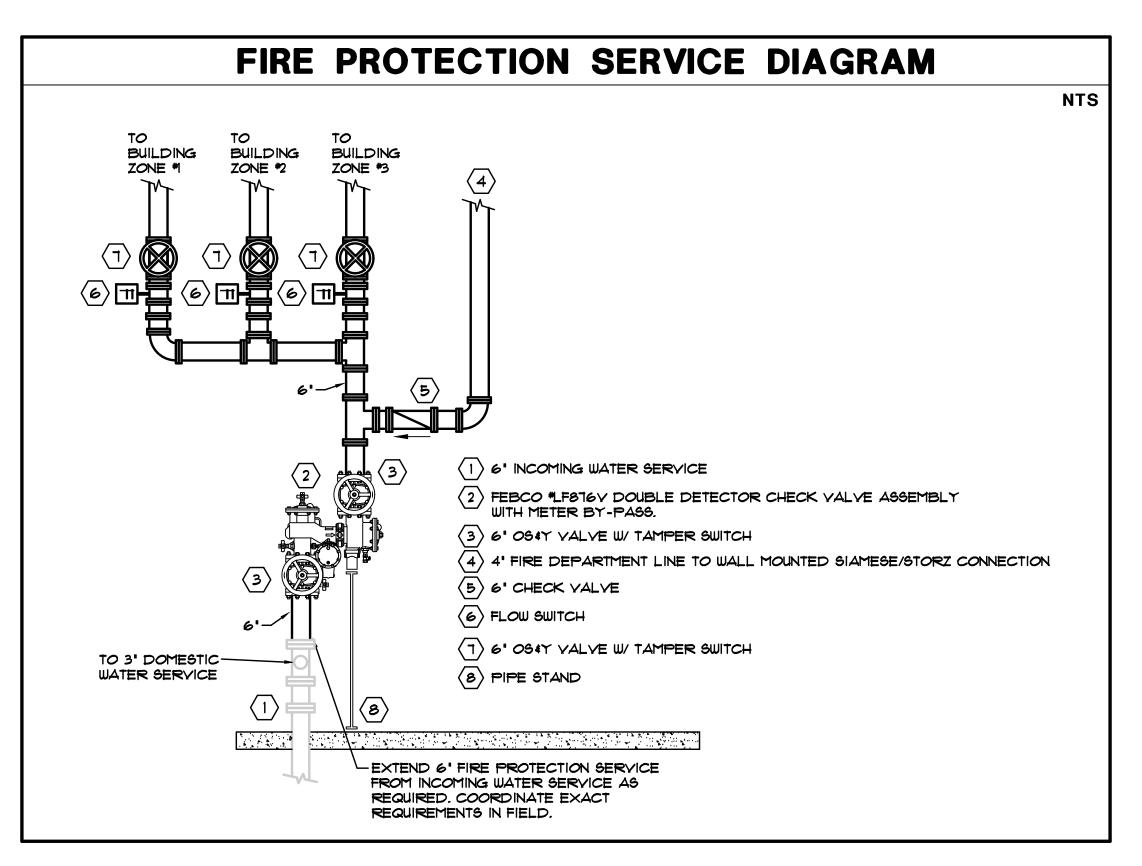
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MECHANICAL SCHEDULES

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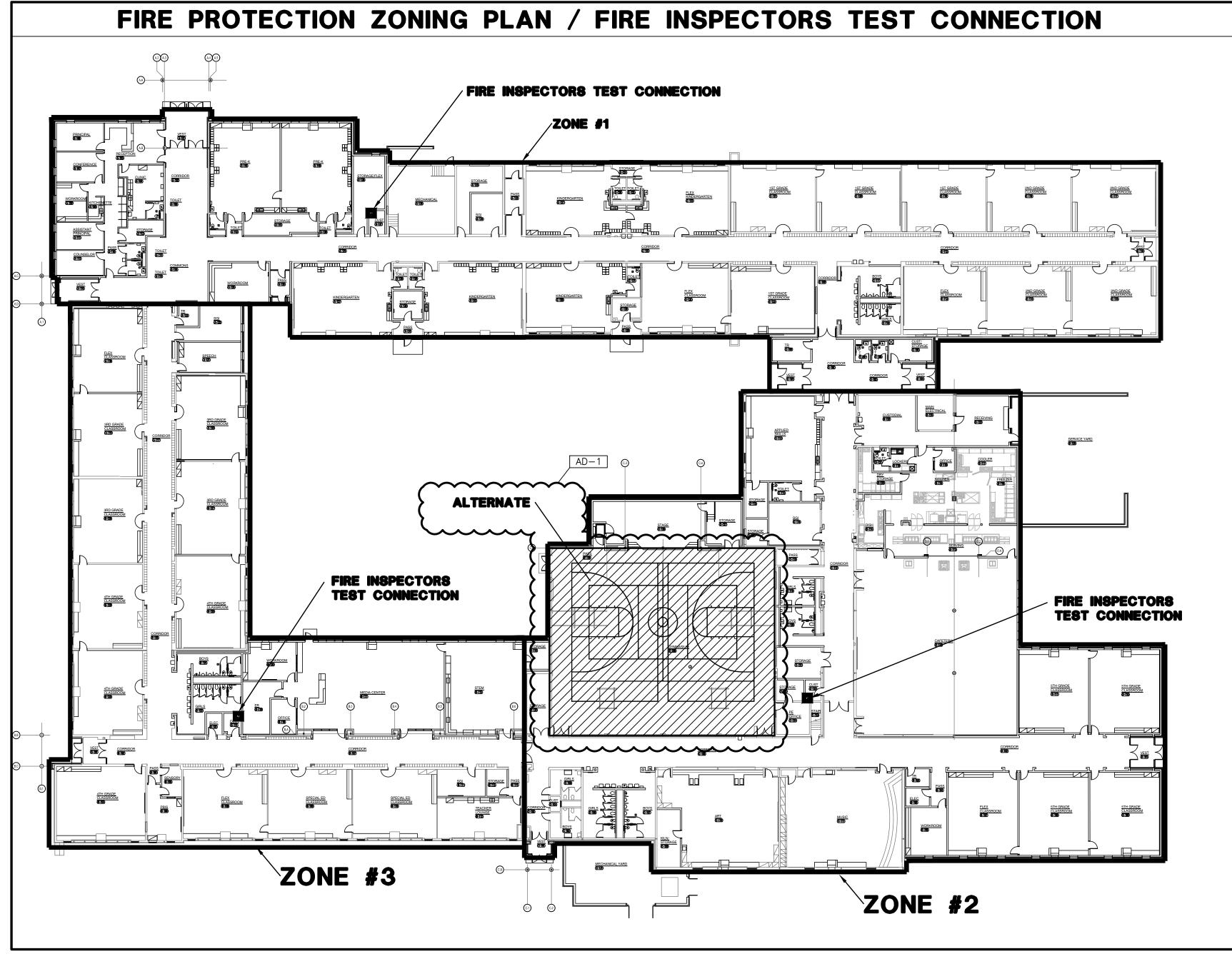
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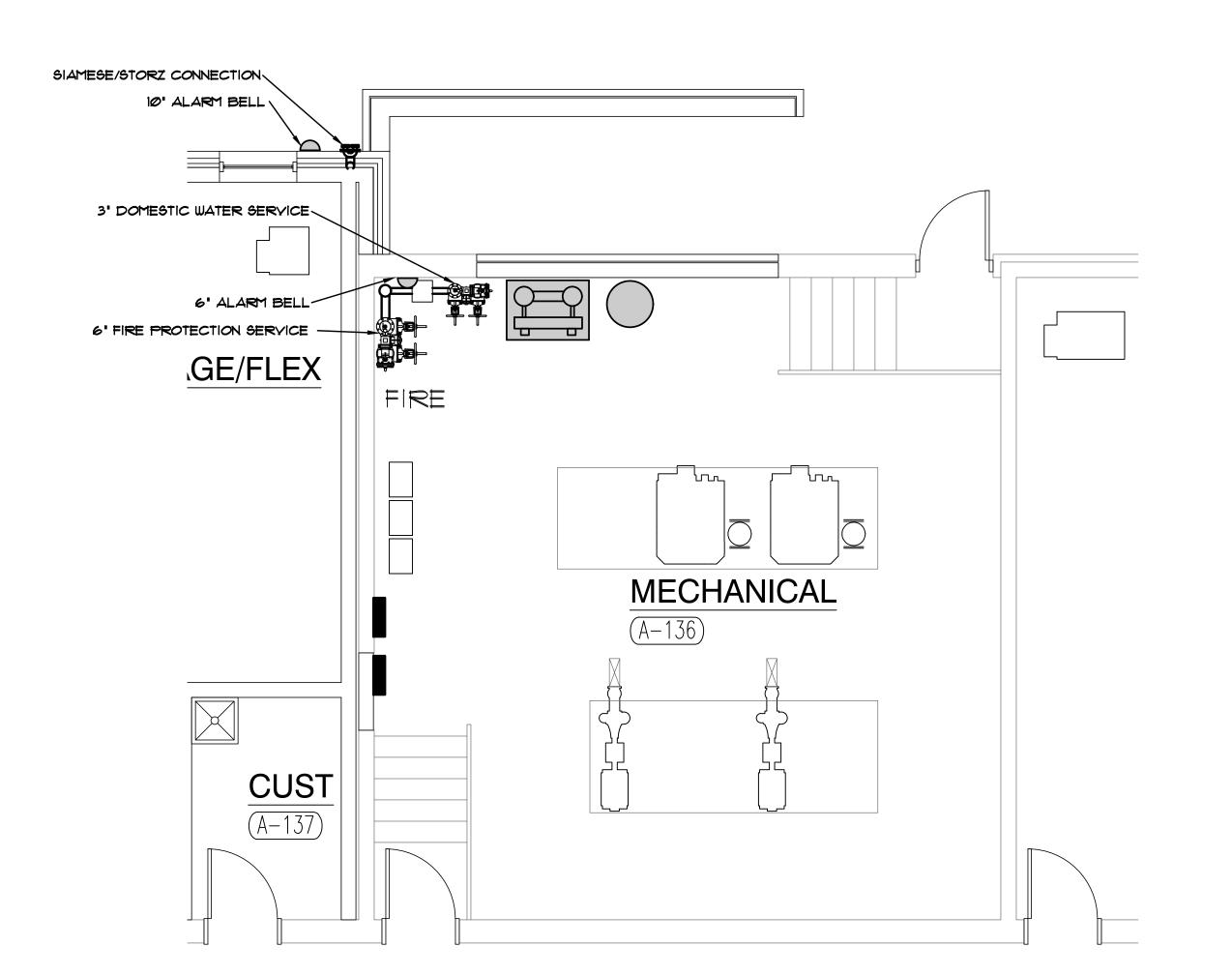


- A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, STATE FIRE PROTECTION CODES, THE LATEST NEPA 13 REQUIREMENTS.
- B. THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER REFER TO THE SCOPE OF WORK FOR EACH TRADE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION 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 IS OF
- 1. GENERAL AREAS ARE LIGHT HAZARD, Ø.10 GPM/SQFT. FOR THE MOST REMOTE 1500 SQFT.
- 2. KITCHEN AREA IS ORDINARY HAZARD (GROUP 1), Ø.15 GPM SQFT. FOR THE MOST REMOTE 1500 SQFT
- 3. STAGE AREA IS ORDINARY HAZARD (GROUP 2), 020 GPM SQFT, FOR THE MOST REMOTE 1500 SQFT.
- D. LAYOUT IS DIAGRAMMATIC. 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
- 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 CONJUCTION 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.

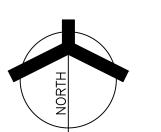
HOURS IN ADVANCE PRIOR TO ANY SHUTDOWN OF EXISTING SYSTEMS.

- 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" SWINGS TO PLACE THE SPRINKLER IN THE CENTER OF THE TILE.
- N. PIPING SHALL BE HYDROSATICALLY 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 AUXILLIARY DRAIN CONNECTIONS IN ACCORDANCE WITH LATEST NIFPA #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.











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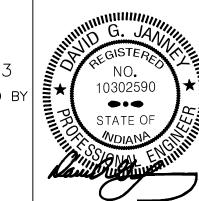
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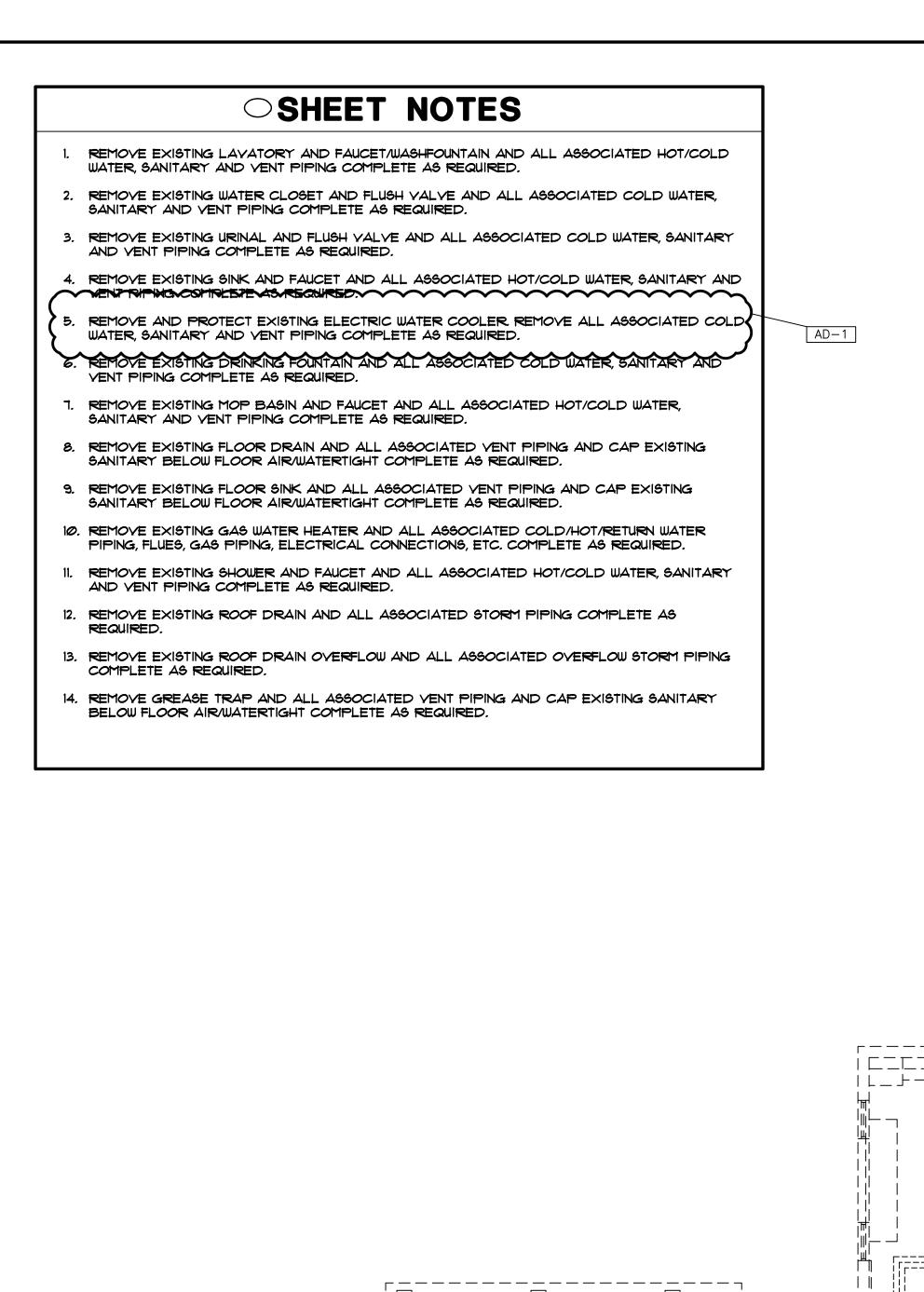
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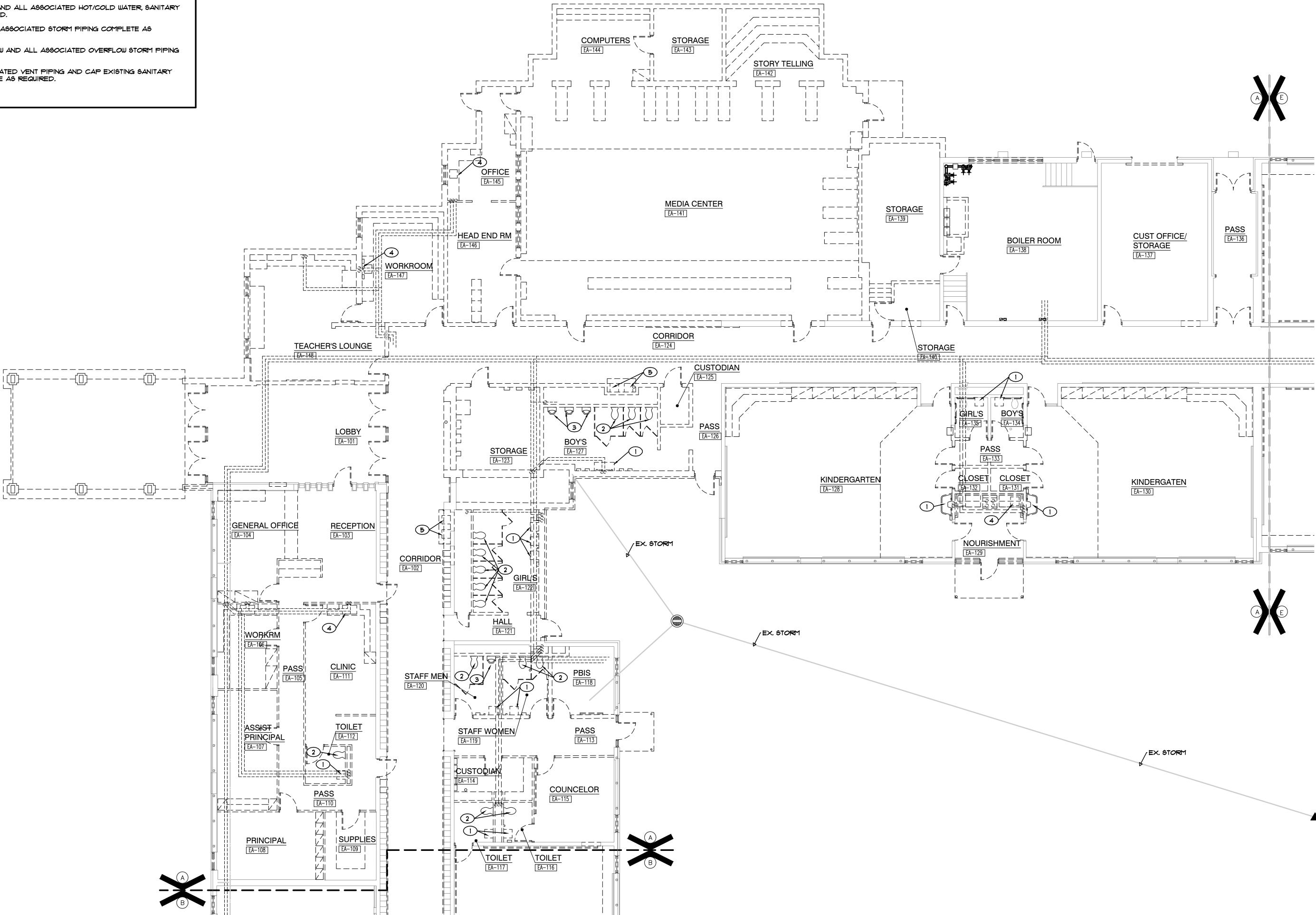
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FIRE PROTECTION PLANS,

**NOTES & DIAGRAMS** 

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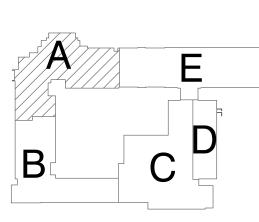
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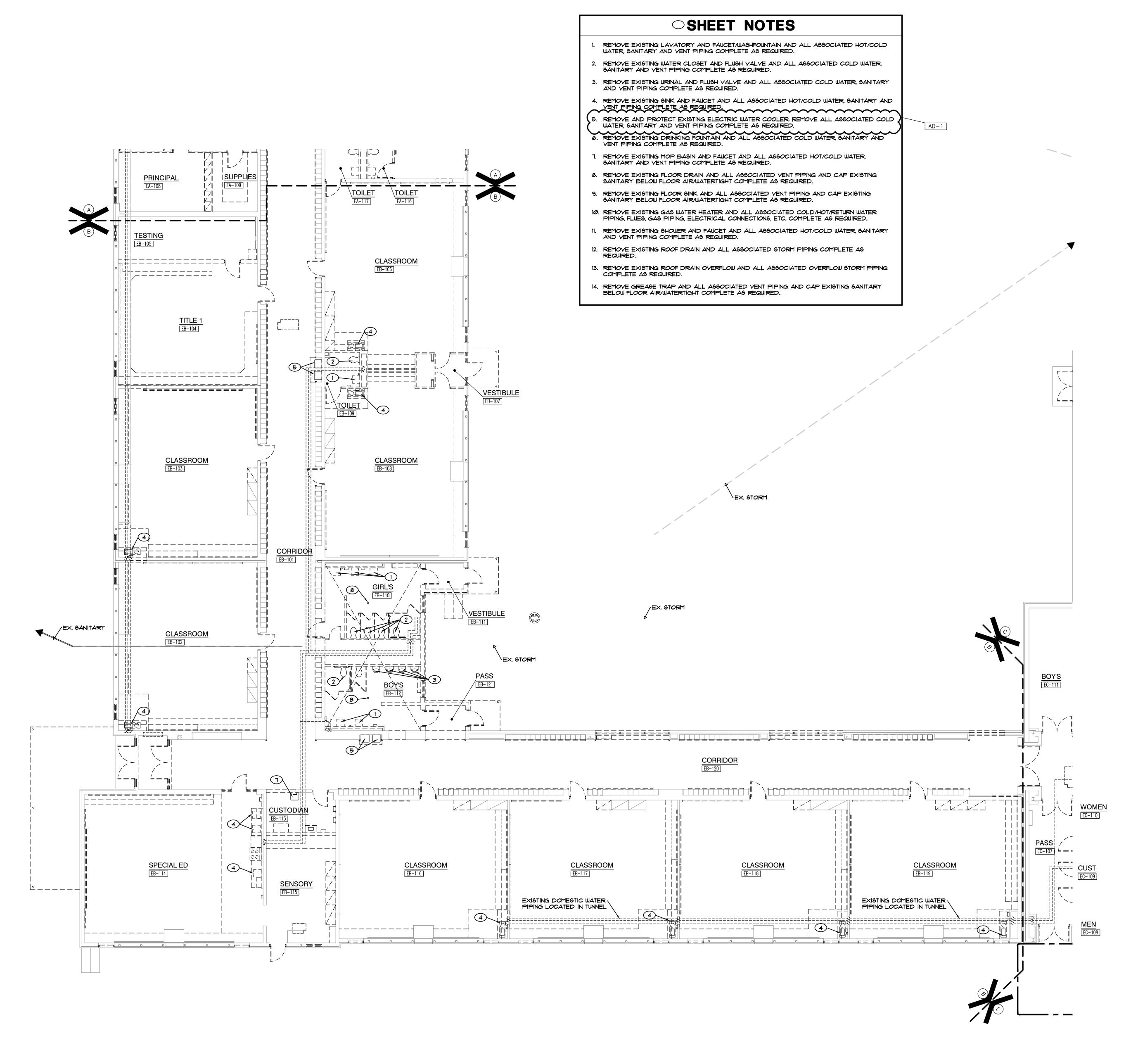
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UNIT "A" PLUMBING FIRST FLOOR DEMOLITION PLAN

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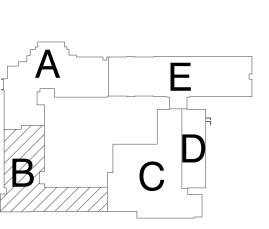
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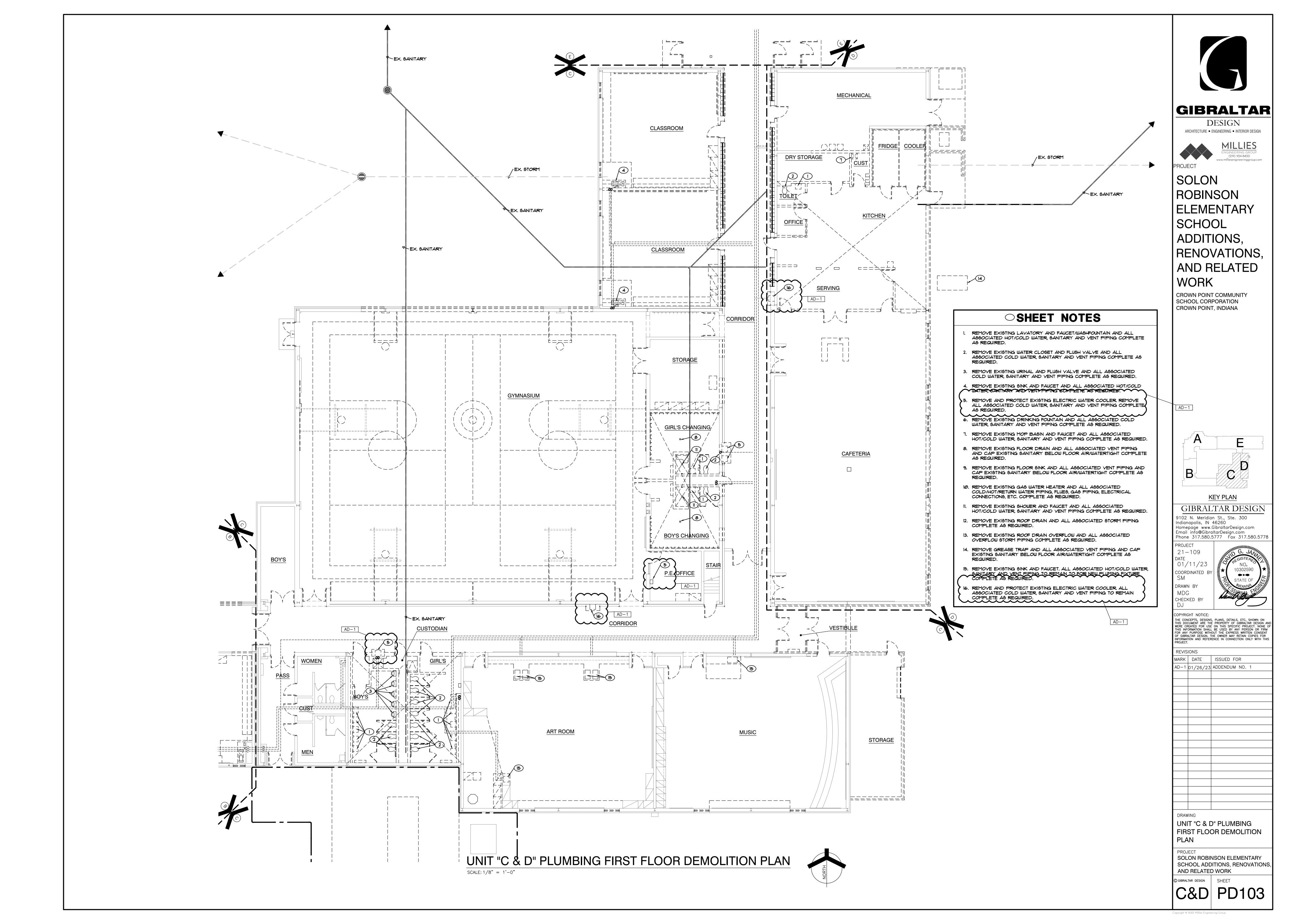
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UNIT "B" PI UMBI

UNIT "B" PLUMBING FIRST FLOOR DEMOLITION PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

Sheet PD

PD102



#### **SHEET NOTES**

- 1. REMOVE EXISTING LAVATORY AND FAUCET/WASHFOUNTAIN AND ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
- 2. REMOVE EXISTING WATER CLOSET AND FLUSH VALVE AND ALL ASSOCIATED COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
- 3. REMOVE EXISTING URINAL AND FLUSH VALVE AND ALL ASSOCIATED COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
- 4. REMOVE EXISTING SINK AND FAUCET AND ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
- 5. REMOVE AND PROTECT EXISTING ELECTRIC WATER COOLER. ALL ASSOCIATED COLD WATER, SANITARY AND VENT PIPING TO REMAIN COMPLETE AS REQUIRED.

  6. REMOVE EXISTING DRINKING FOUNTAIN AND ALL ASSOCIATED COLD WATER, SANITARY AND
- VENT PIPING COMPLETE AS REQUIRED.

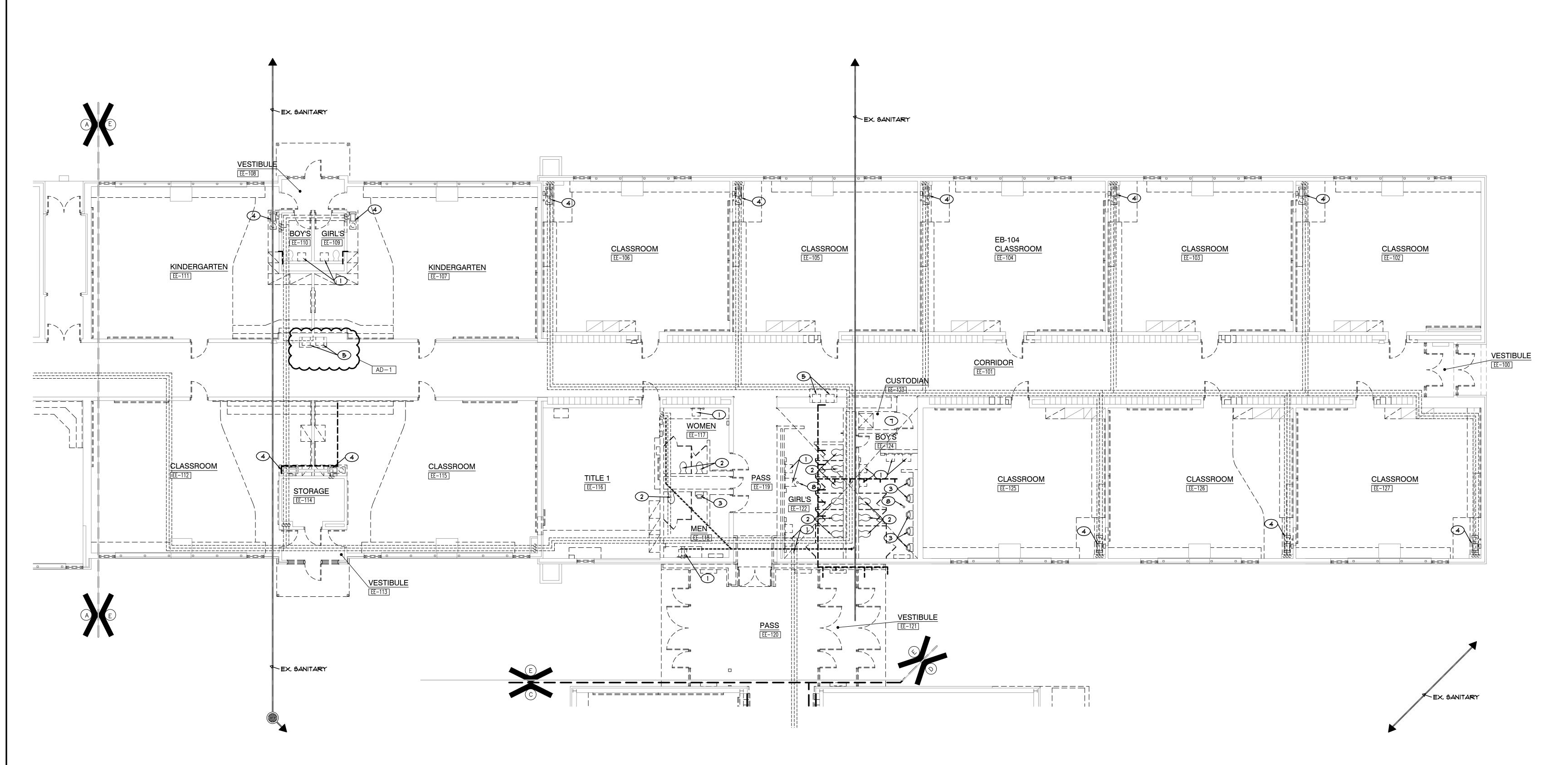
  1. REMOVE EXISTING MOP BASIN AND FAUCET AND ALL ASSOCIATED HOT/COLD WATER,

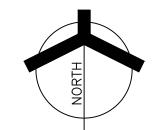
SANITARY AND VENT PIPING COMPLETE AS REQUIRED.

8. REMOVE EXISTING FLOOR DRAIN AND ALL ASSOCIATED VENT PIPING AND CAP EXISTING

SANITARY BELOW FLOOR AIR/WATERTIGHT COMPLETE AS REQUIRED.

- 9. REMOVE EXISTING FLOOR SINK AND ALL ASSOCIATED VENT PIPING AND CAP EXISTING SANITARY BELOW FLOOR AIR/WATERTIGHT COMPLETE AS REQUIRED.
- 10. REMOVE EXISTING GAS WATER HEATER AND ALL ASSOCIATED COLD/HOT/RETURN WATER PIPING, FLUES, GAS PIPING, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
- 11. REMOVE EXISTING SHOWER AND FAUCET AND ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
- 12. REMOVE EXISTING ROOF DRAIN AND ALL ASSOCIATED STORM PIPING COMPLETE AS REQUIRED.
- 13. REMOVE EXISTING ROOF DRAIN OVERFLOW AND ALL ASSOCIATED OVERFLOW STORM PIPING COMPLETE AS REQUIRED.
- 14. REMOVE GREASE TRAP AND ALL ASSOCIATED VENT PIPING AND CAP EXISTING SANITARY BELOW FLOOR AIR/WATERTIGHT COMPLETE AS REQUIRED.





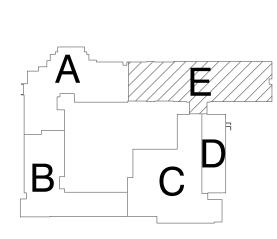


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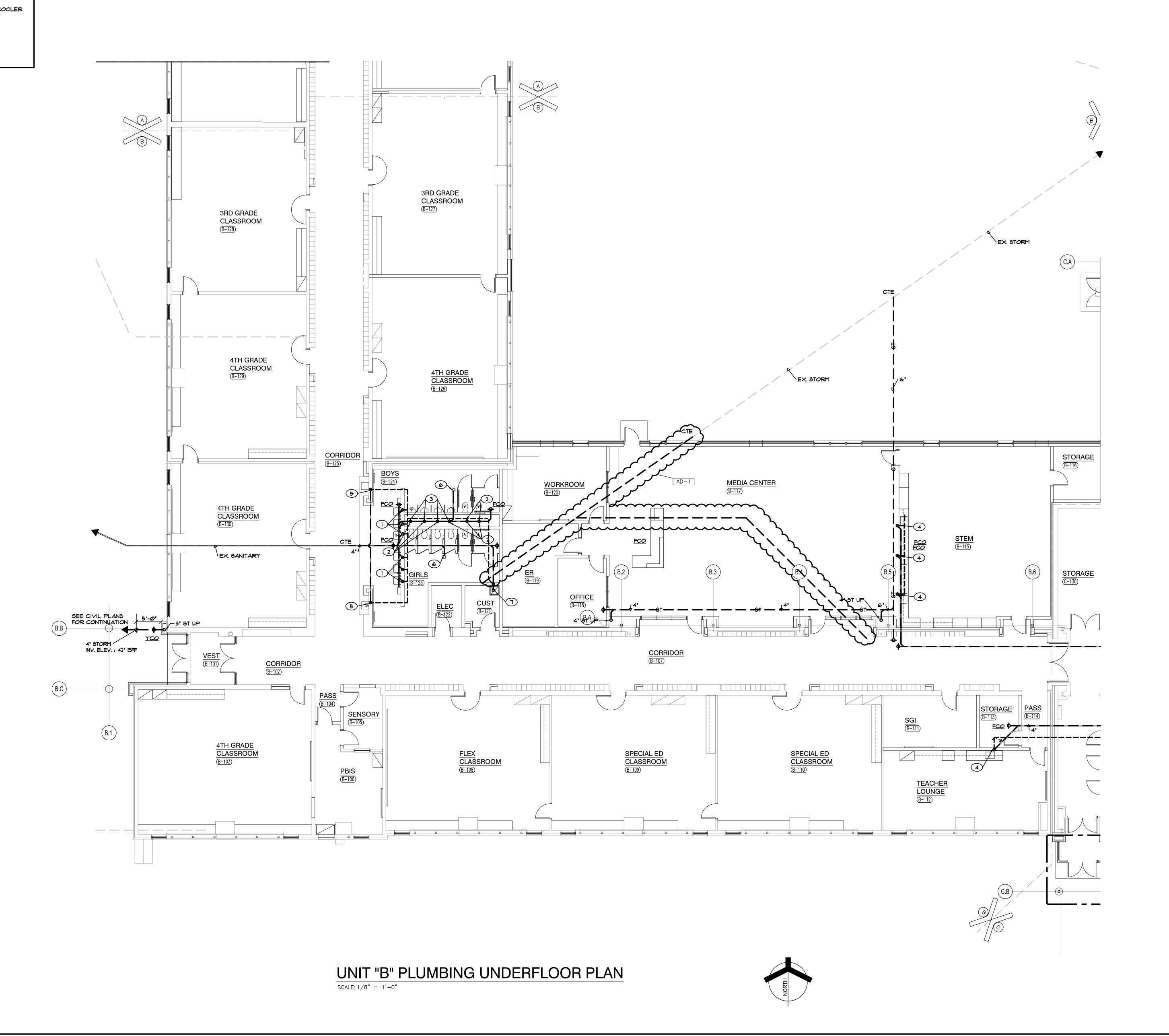
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## **SHEET NOTES**

- 1. 11/2" SANITARY UP TO LAVATORY
- 2. 4' SANITARY UP TO WATER CLOSET
- 3. 2" SANITARY UP TO URINAL
- 4. 2" SANITARY UP TO SINK
- 6. 4" SANITARY UP TO FLOOR DRAIN/SINK
- 7. 4" SANITARY UP TO MOP BASIN
- 8. 2' YENT UP



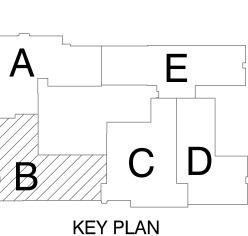


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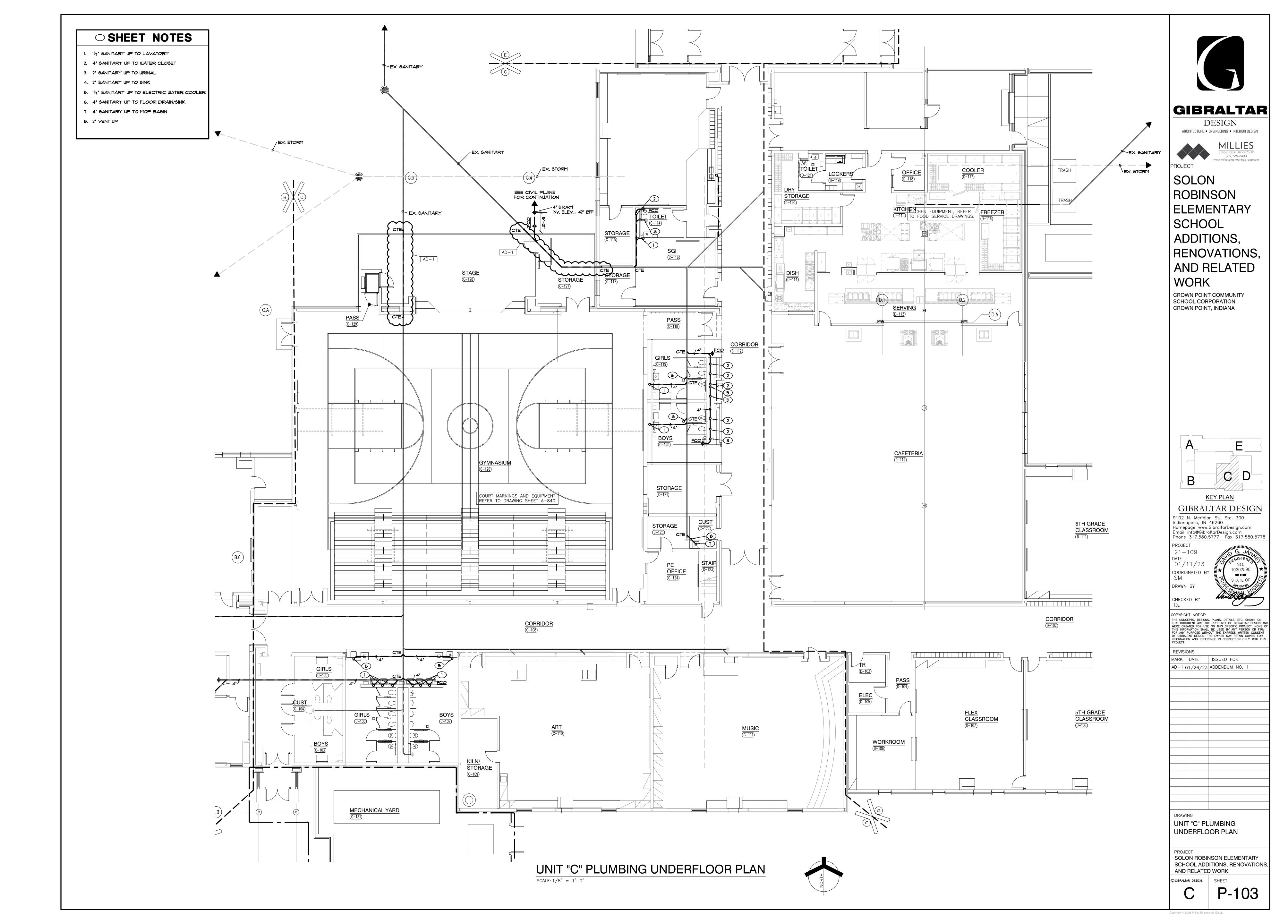
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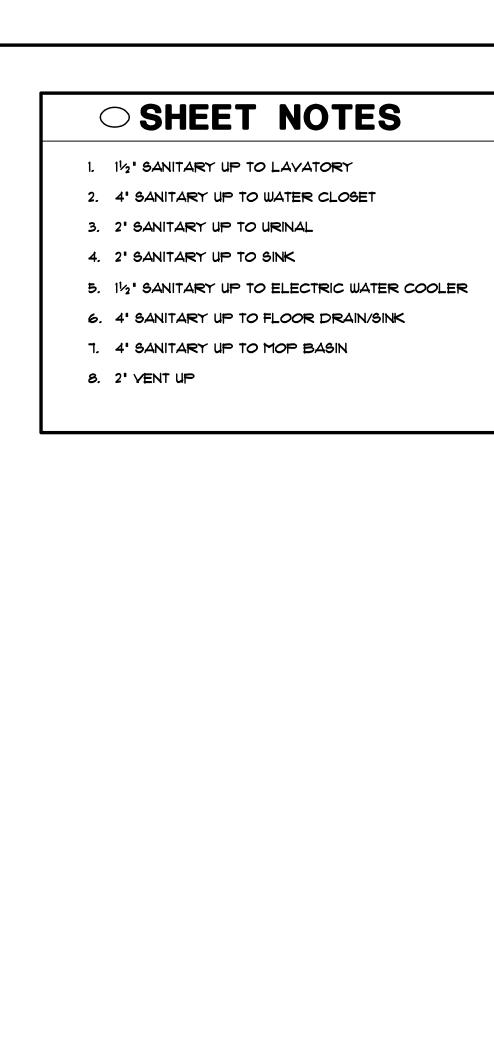
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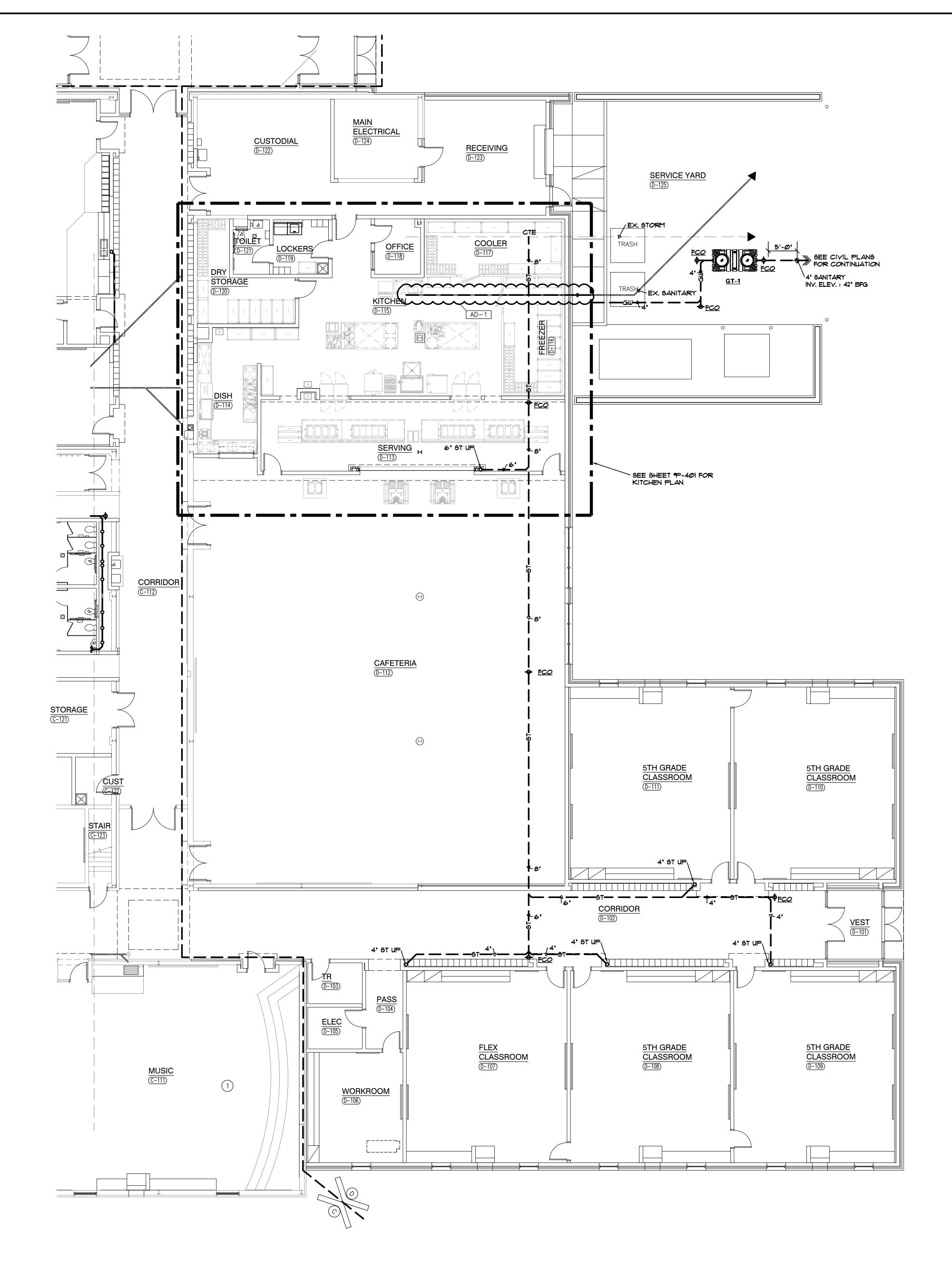
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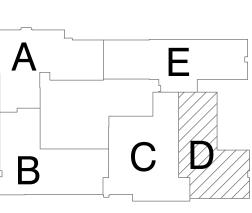






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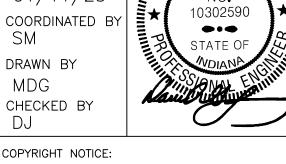
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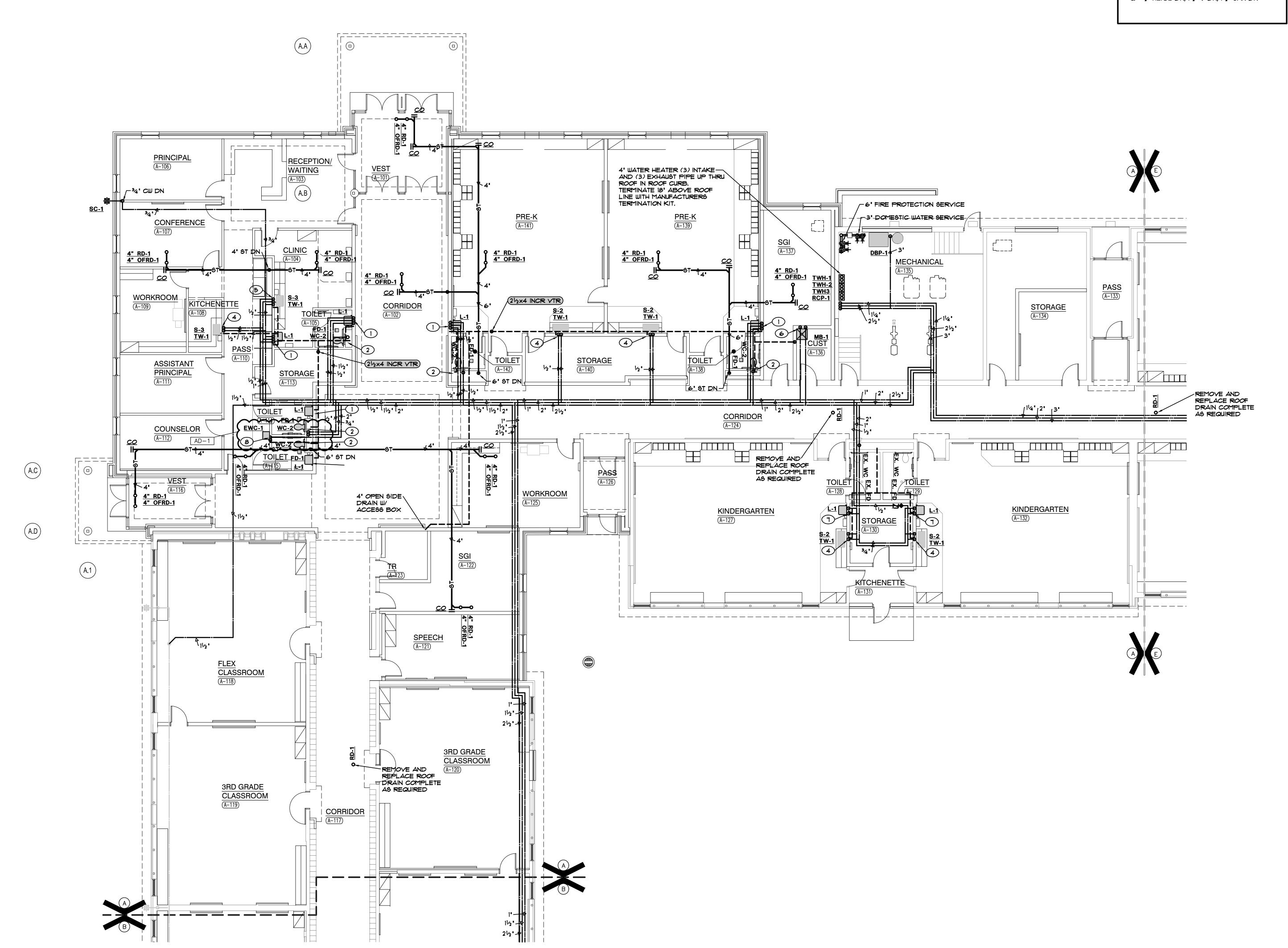
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UNIT "D" PLUMBING UNDERFLOOR PLAN

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

#### **SHEET NOTES**

- 1. 1/2" HW/CW/HWR DN, 11/2" Y DN, 11/2" SAN DN
- 2. 11/2" CW DN, 2" Y DN, 4" SAN DN
- 3. 1" CW DN, 11/2" Y DN, 2" SAN DN
- 4. 1/2" HW/CW DN, 11/2" Y DN, 2" SAN DN
- 5. 1/2" HW/CW/HWR DN, 11/2" Y DN, 2" SAN DN
- 6. 1/2" HW/CW DN, 2" Y DN
- 7. 1/2" HW/CW/HWR DN, 11/2" Y DN, 11/2" SAN DN
- 8. 1/2" CW DN, 11/2" Y DN, 11/2" SAN DN
- 9. 1/2" HW/CW DN, 11/2" Y DN, 11/2" SAN DN



UNIT "A" PLUMBING FIRST FLOOR PLAN

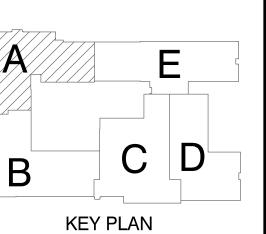




PROJECT SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

(219) 924-8400

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

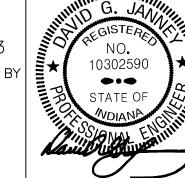


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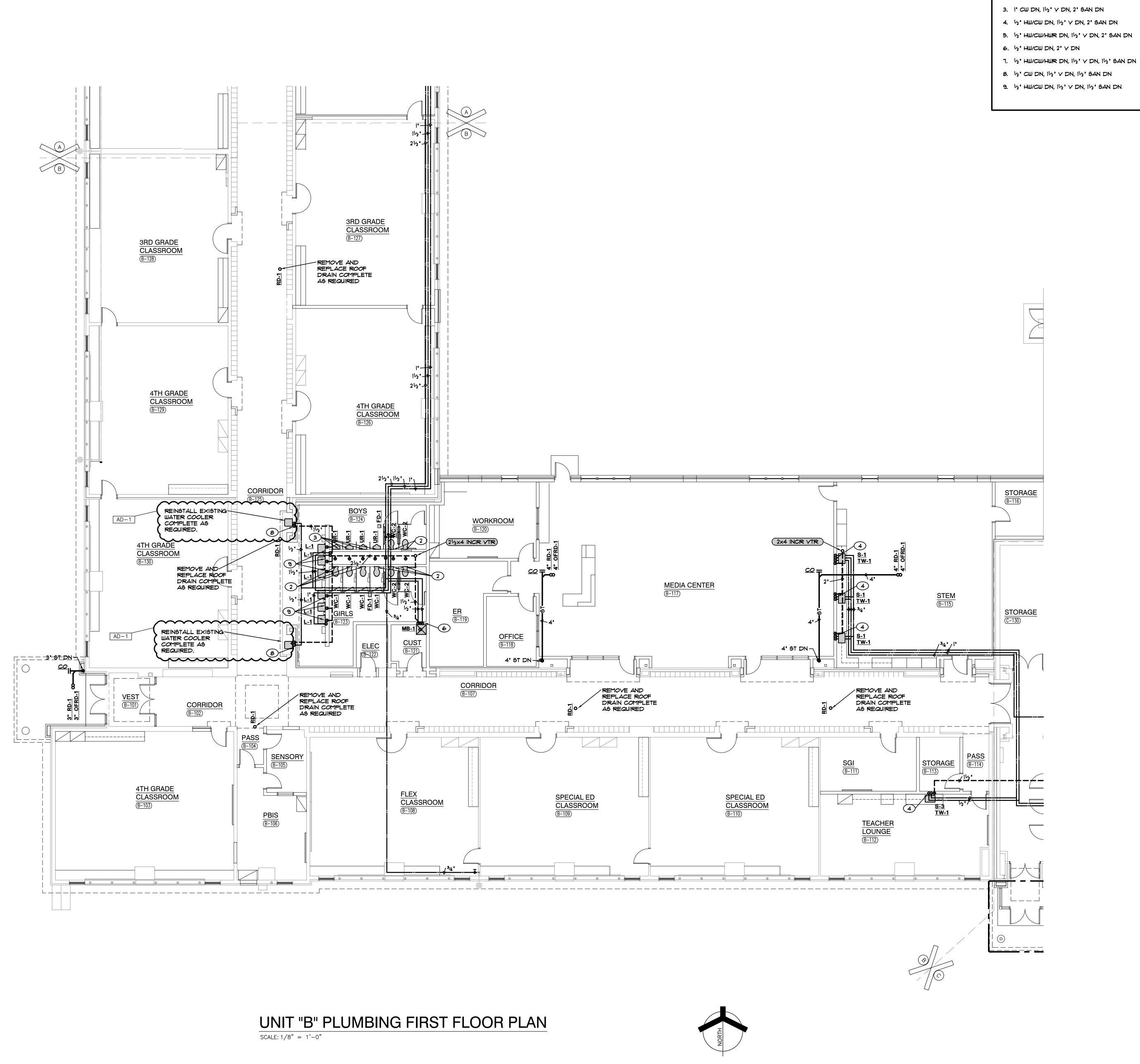
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UNIT "A" PLUMBING FIRST FLOOR PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET





- 1.  $\frac{1}{2}$ " HW/CW/HWR DN,  $\frac{1}{2}$ " Y DN,  $\frac{1}{2}$ " SAN DN
- 2. 11/2" CW DN, 2" Y DN, 4" SAN DN
- 4. 1/2" HW/CW DN, 11/2" Y DN, 2" SAN DN
- 5. 1/2" HW/CW/HWR DN, 11/2" Y DN, 2" SAN DN

- 8. 1/2" CW DN, 11/2" Y DN, 11/2" SAN DN



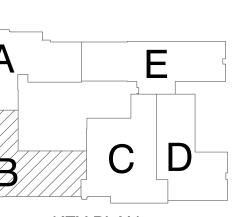
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PROJECT SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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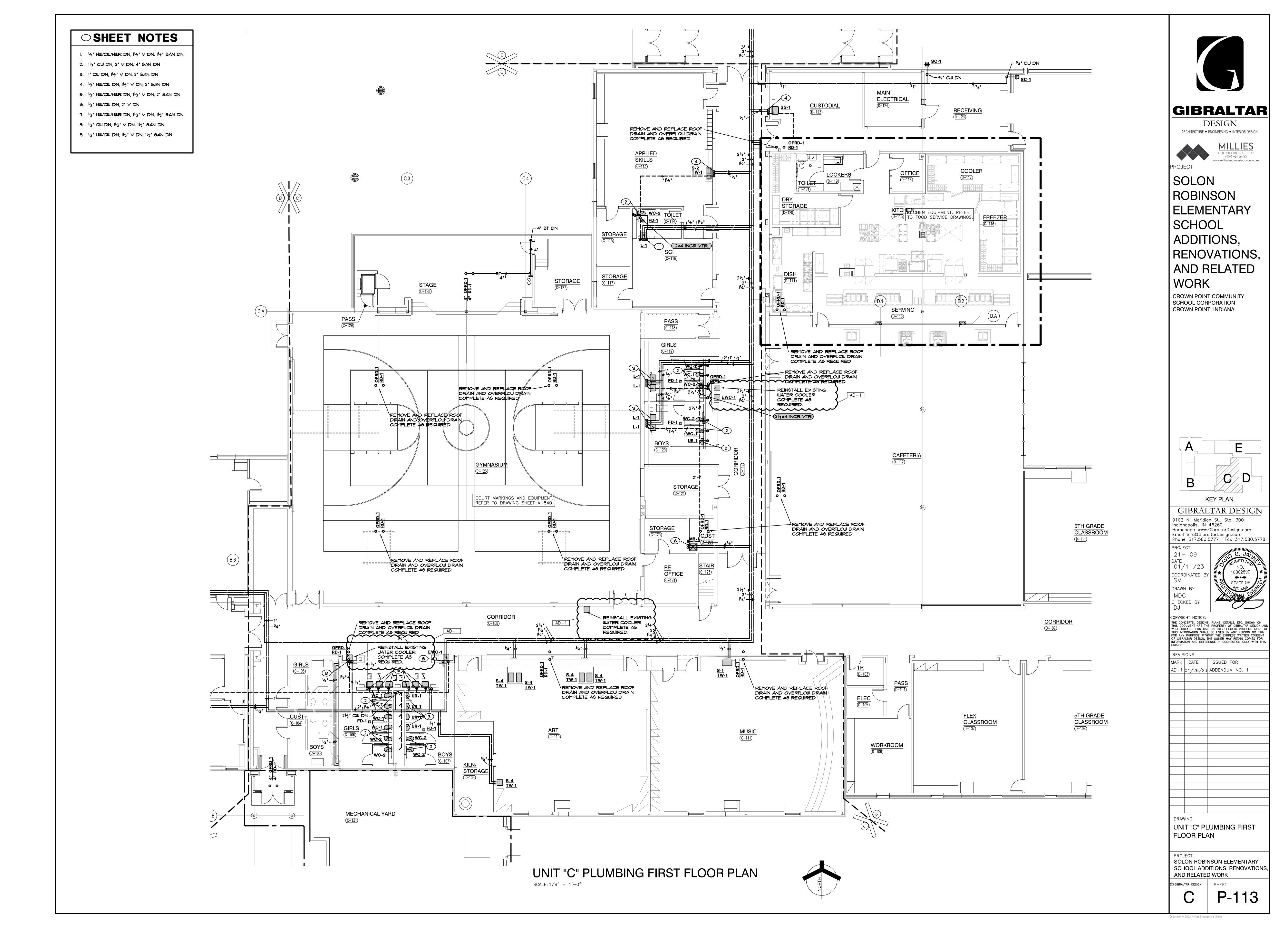
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UNIT "B" PLUMBING FIRST FLOOR PLAN

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

В



### **SHEET NOTES**

- 1. 1/2" HW/CW/HWR DN, 11/2" Y DN, 11/2" SAN DN
- 2. 11/2" CW DN, 2" Y DN, 4" SAN DN
- 3. I'CW DN,  $1\frac{1}{2}$ ' Y DN, 2' SAN DN
- 4. 1/2" HW/CW DN, 11/2" Y DN, 2" SAN DN
- 5. 1/2" HW/CW/HWR DN, 11/2" Y DN, 2" SAN DN
- 6. 1/2" HW/CW DN, 2" Y DN
- 7. 1/2" HW/CW/HWR DN, 11/2" Y DN, 11/2" SAN DN
- 8. 1/2" CW DN, 11/2" Y DN, 11/2" SAN DN
- 9. 1/2" HW/CW DN, 11/2" Y DN, 11/2" SAN DN

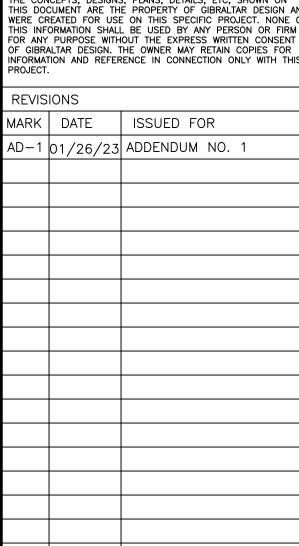




SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

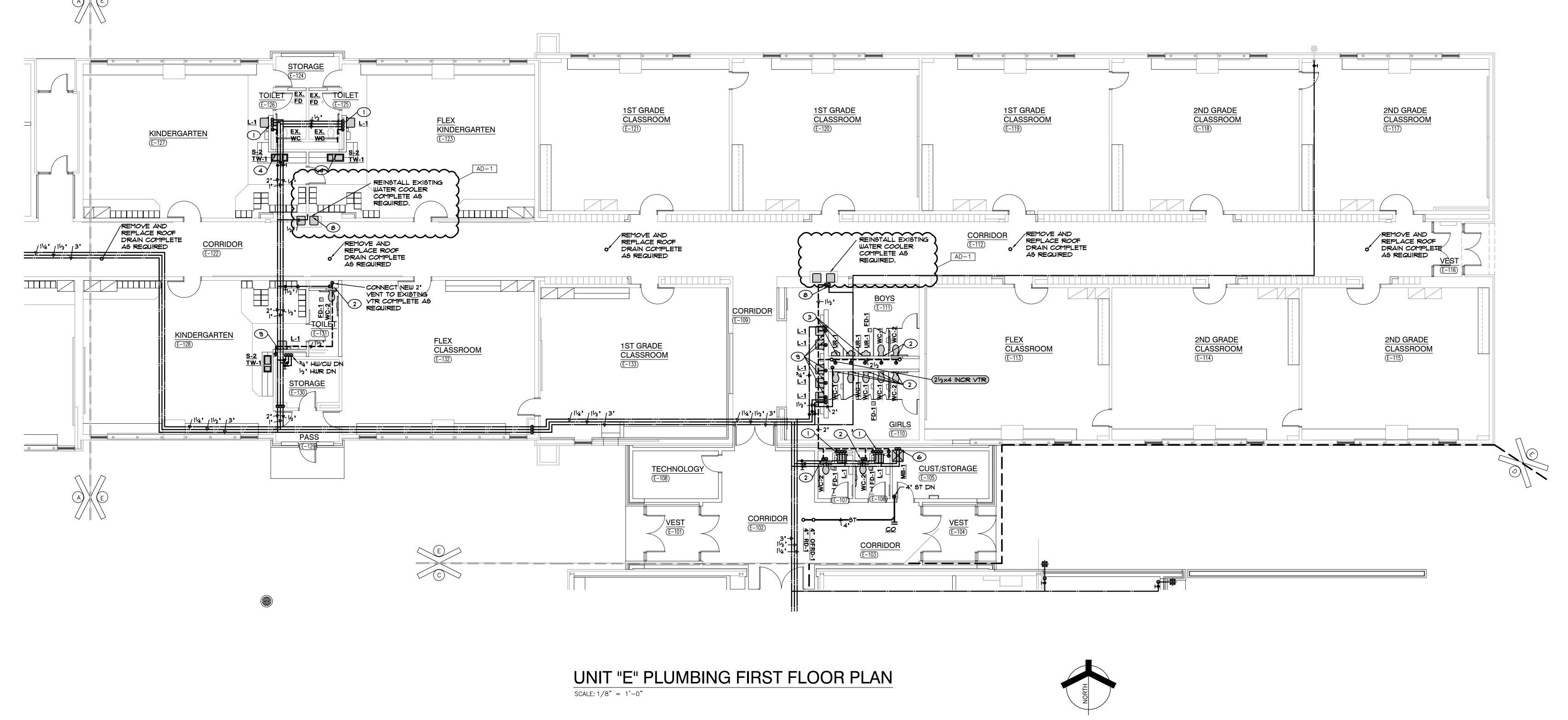
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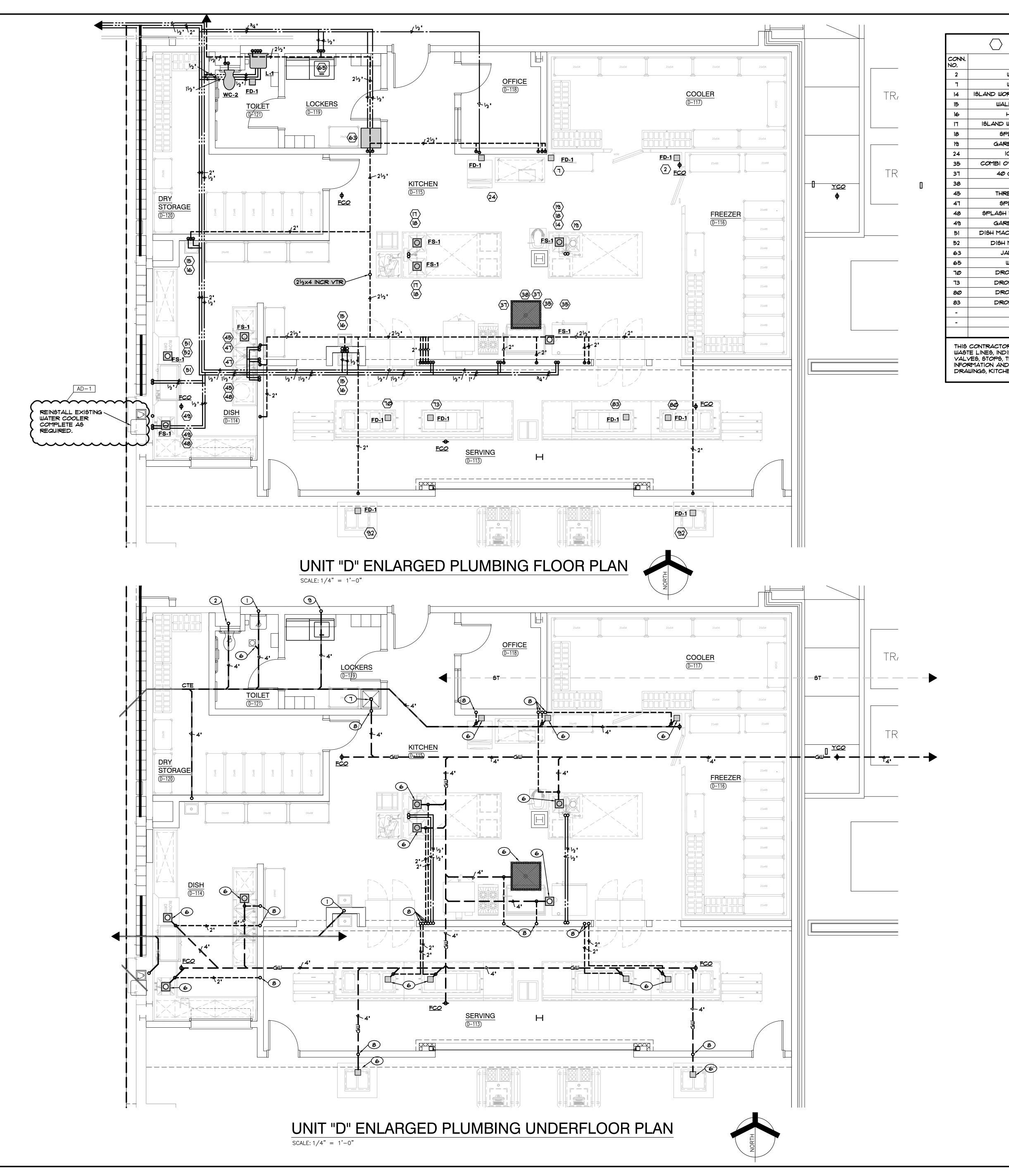




UNIT "E" PLUMBING FIRST FLOOR PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK







THIS CONTRACTOR SHALL PROVIDE ALL ROUGH-IN AND FINAL SERVICES AND CONNECT ALL WATER LINES, WASTE LINES, INDIRECT PIPING, ETC. FOR FIXTURES AND KITCHEN EQUIPMENT ITEMS. PROVIDE AND INSTALL ALL YALVES, STOPS, TRAPS, AND PRESSURE REGULATORS NECESSARY TO CONNECT LINES. FOR FURTHER INFORMATION AND DESCRIPTION OF KITCHEN EQUIPMENT BEING SUPPLIED REFER TO ARCHITECTURAL DRAWINGS, KITCHEN EQUIPMENT DRAWINGS, AND ENLARGED KITCHEN AREA DRAWINGS.

#### **SHEET NOTES**

- 1. 11/2" SANITARY UP TO LAVATORY
- 2. 4' SANITARY UP TO WATER CLOSET
- 3. 2" SANITARY UP TO URINAL
- 4. 2" SANITARY UP TO SINK
- 5. 11/2" SANITARY UP TO ELECTRIC WATER COOLER
- 6. 4' SANITARY UP TO FLOOR DRAIN/SINK 7. 4" SANITARY UP TO MOP BASIN
- 8. 2" VENT UP
- 9. 2" SANITARY UP TO PLUMBER BOX



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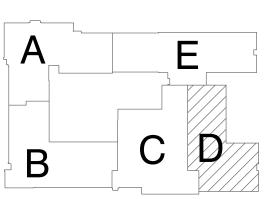
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PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA



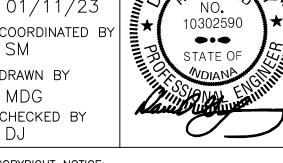
KEY PLAN

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UNIT "D" ENLARGED PLUMBING UNDERFLOOR & FLOOR PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

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#### **GENERAL NOTES** 3. REFER TO SITE LIGHTING POLE DETAILS FOR ADDITIONAL PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL INFORMATION. SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE 4. CAREFULLY VERIFY BASE SIZE FOR EACH FIXTURE WITH TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR ARCHITECT AND OWNER PRIOR TO INSTALLATION. LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS 5. REFER TO TECHNOLOGY DRAWINGS FOR TECHNOLOGY SITE WORK AND PROVIDE RACEWAY AND HAND-HOLE ROUGH-INS AS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, INDICATED. CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN. . SITE LIGHTING CONDUCTORS SHALL BE \*8 AWG MINIMUM, AND SIZED TO MEET N.E.C. VOLTAGE DROP REQUIREMENTS. -EXISTING UTILITY CONCRETE WALK PRIMARY FEEDER FOR MAIN SERVICE. -APPROXIMATE EA 30'AFG.**=** 10PM LOCATION OF EXISTING UTILITY POLE -EXISTING UTILITY PRIMARY FEEDER SOLID WHITE LINE PULLBOX. SOLID WHITE LINE — EXISTING MONUMENT SIGN -INTERCEPT EXISTING SITE LIGHTING FEEDER AND EXTEND TO NEW SITE POLE LOCATION. EXISTING SITE -CONDUIT TO REMAIN CONCRETE WALK EX CONCRETE WALK —EXISTING SITE CONDUIT TO REMAIN -EXISTING UTILITY PRIMARY FEEDER FOR MAIN SERVICE. STOP SITE LIGHTING CONDUIT AS REQUIRED TO NEW LOCATIONS SHOWN, COMPLETE AS REQUIRED. - NEW LOCATION OF EXISTING UTILITY ----SECONDARY FEEDER GROUNDING TRIAD. REFER TO GROUNDING FOR MAIN SERVICE. DETAIL FOR ADDITIONAL INFORMATION. SEE SHEET EP4ØI APPROXIMATE -FOR ADDITIONAL LOCATION OF EX. INFORMATION - EXISTING SITE CONDUIT TO REMAIN APPROXIMATE-LOCATION EX. -NEW LOCATION ATS-EM OF EXISTING UTILITY GEN TRANSFOMER NEW LOCATION -OF EXISTING GENERATOR MARIMAR \_\_\_\_ OH. \_\_\_\_ OH. \_\_\_\_ OH. \_\_\_ -REROUTE EXISTING UTILITY PRIMARY FEEDER AS SHOWN | ALTERNATE BID | AROUND FOOTPRINT OF NEW BUILDING ADDITION, COORDINATE ALL REQUIREMENTS WITH UTILITY PRIOR TO SEE SHEET EPIØ3 FIELD MODIFICATIONS. FOR ADDITIONAL NEW CHILLER --EXISTING INFORMATION UTILITY CELLAR DOOR TRANSFOMER TO REMAIN ·\_-----┗┣╼╼╠┽┽╼╼╼╼╼╼╼╼┵┼┿╼╼╼╼╼╼╼╼ ALTERNATE BID | 10' UTILITY & DRAINAGE EASEMENT 10' UTILITY & DRAINAGE EASEMENT NEW DETENTION-NEW DETENTION 7/1111111111 GREENWOOD AVENUE ELECTRICAL SITE PLAN SCALE: 1" = 30' - 0"



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ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

KEY PLAN

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21-109
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AG
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AD-1 01/26/23 ADDENDUM NO. 1

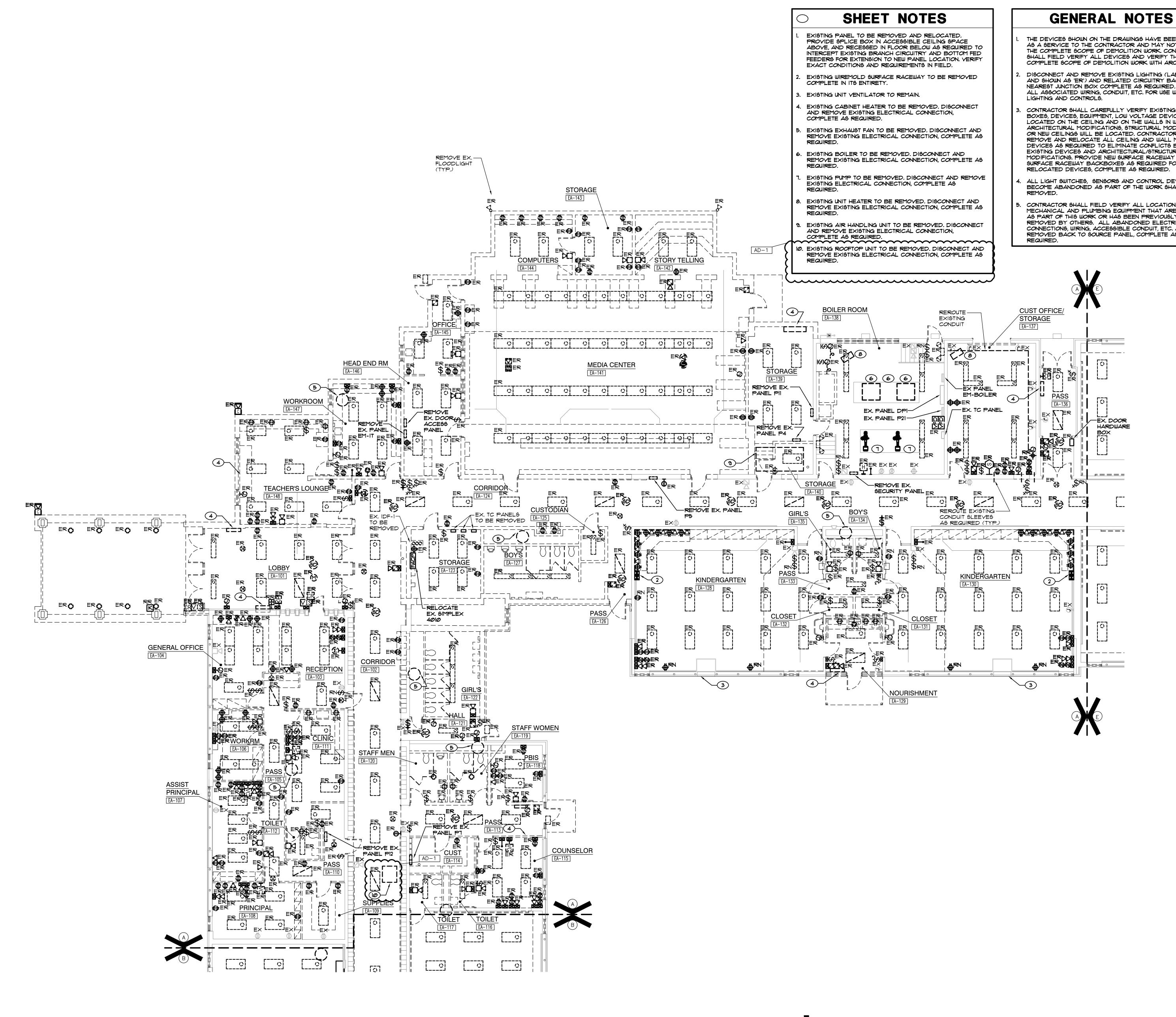
RAWING

ELECTRICAL SITE PLAN

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

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ES002



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

UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

- THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK, CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
- DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW
- CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS. BOXES, DEVICES, EQUIPMENT, LOW YOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILINGS WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL
- ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE
- CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS

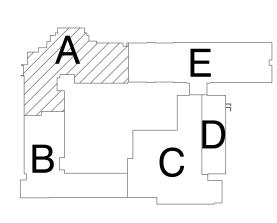


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ROBINSON ELEMENTARY SCHOOL RENOVATIONS, AND RELATED WORK

ROJECT

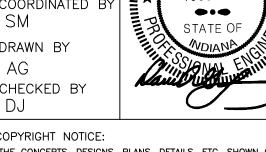
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KEY PLAN GIBRALTAR DESIGN

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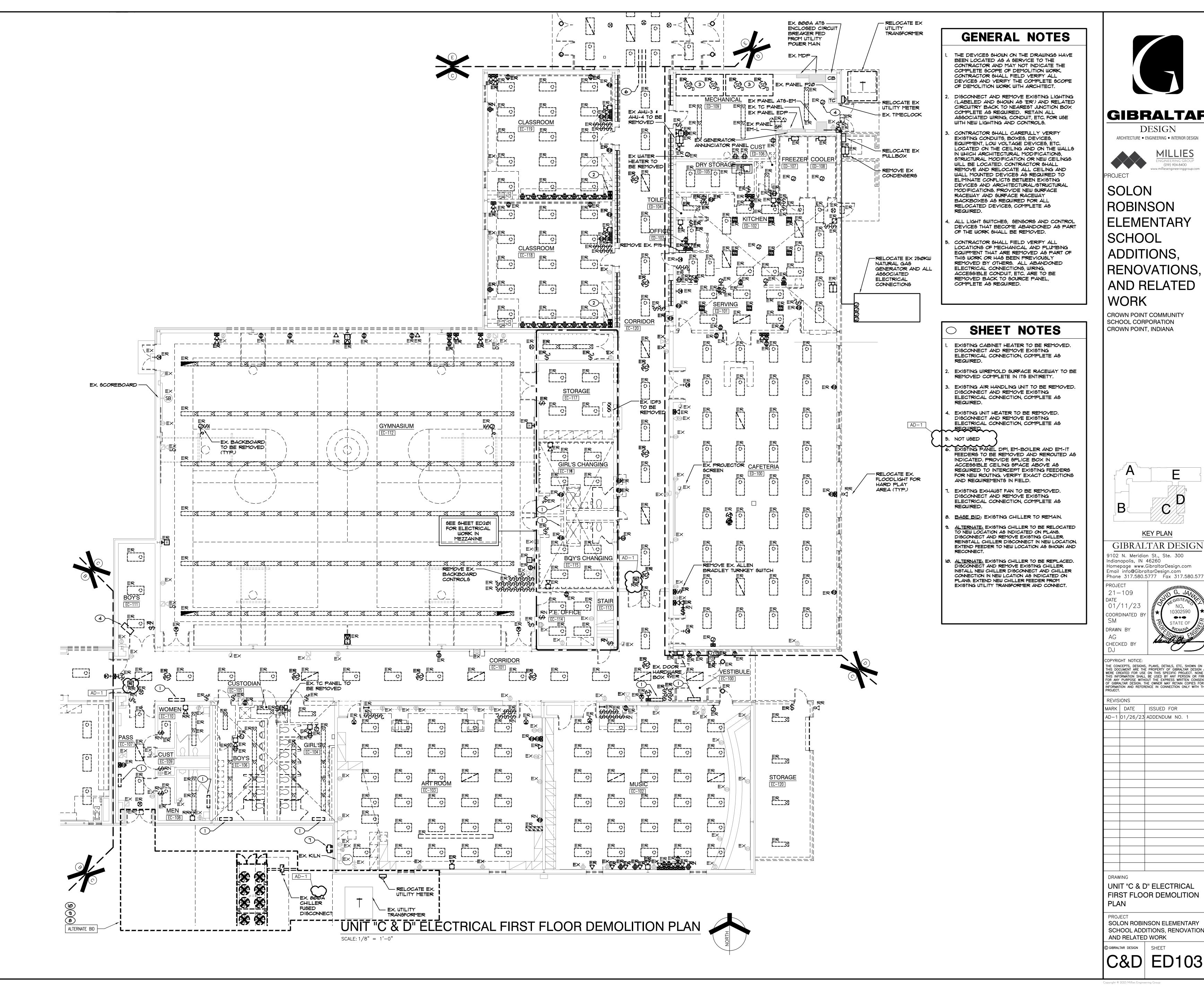
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UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

ED101





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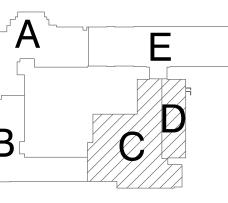


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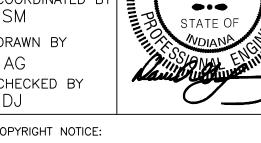
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UNIT "C & D" ELECTRICAL FIRST FLOOR DEMOLITION

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

GIBRALTAR DESIGN SHEET

C&D ED103

#### SHEET NOTES

EXISTING PANEL TO BE REMOVED AND RELOCATED. PROVIDE SPLICE BOX IN ACCESSIBLE CEILING SPACE ABOVE, AND RECESSED IN FLOOR BELOW AS REQUIRED TO INTERCEPT EXISTING BRANCH CIRCUITRY AND BOTTOM FED FEEDERS FOR EXTENSION TO NEW PANEL LOCATION. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

- EXISTING WIREMOLD SURFACE RACEWAY TO BE REMOVED COMPLETE IN ITS ENTIRETY.
- EXISTING UNIT VENTILATOR TO REMAIN.
- EXISTING CABINET HEATER TO BE REMOVED. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION, COMPLETE AS REQUIRED.
- EXISTING EXHAUST FAN TO BE REMOVED. DISCONNECT AND REMOVE EXISTING ELECTRICAL CONNECTION, COMPLETE AS REQUIRED.

THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.

GENERAL NOTES

- DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING AND CONTROLS.
- CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW YOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILINGS WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL RELOCATED DEVICES, COMPLETE AS REQUIRED.
- ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE
- . CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.

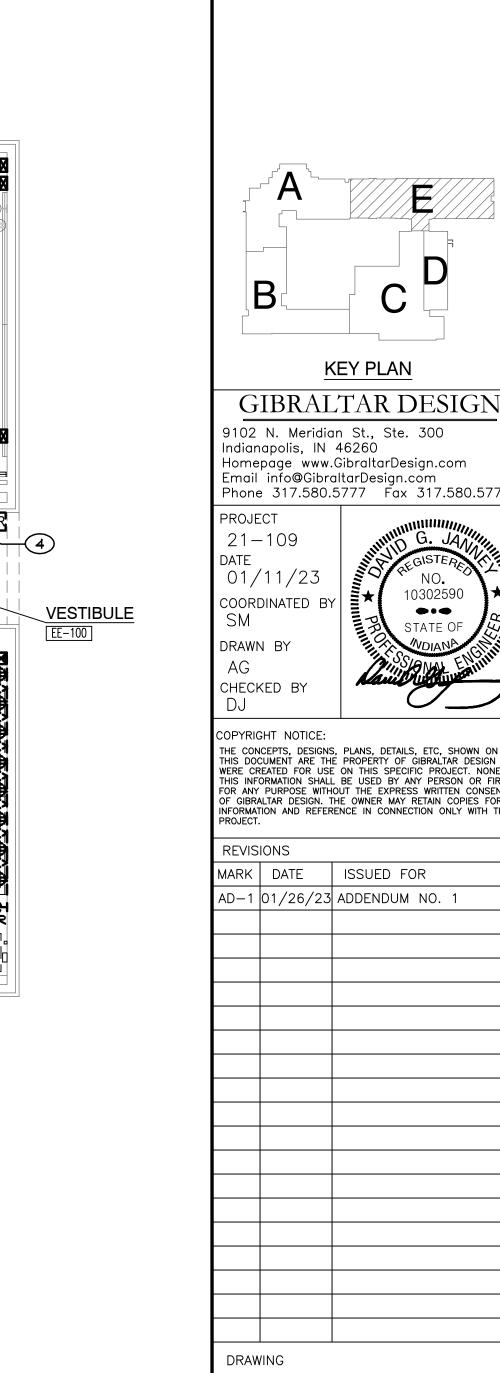


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SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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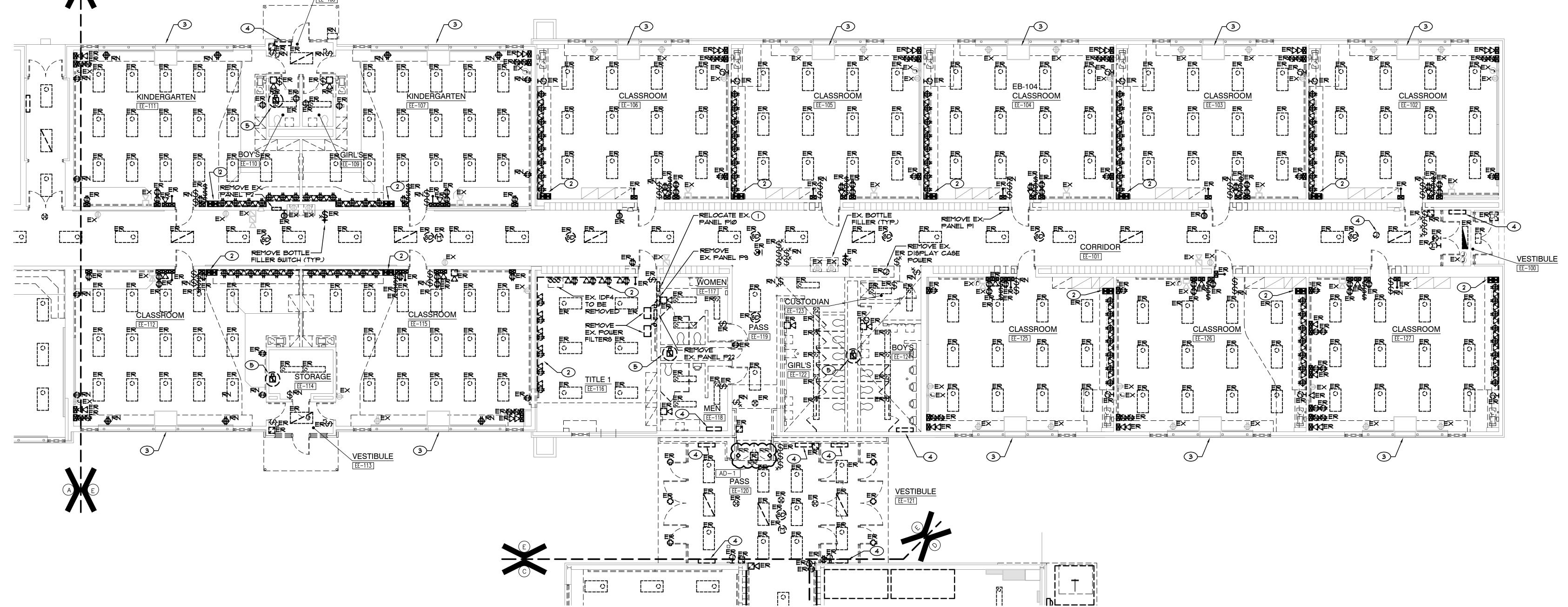
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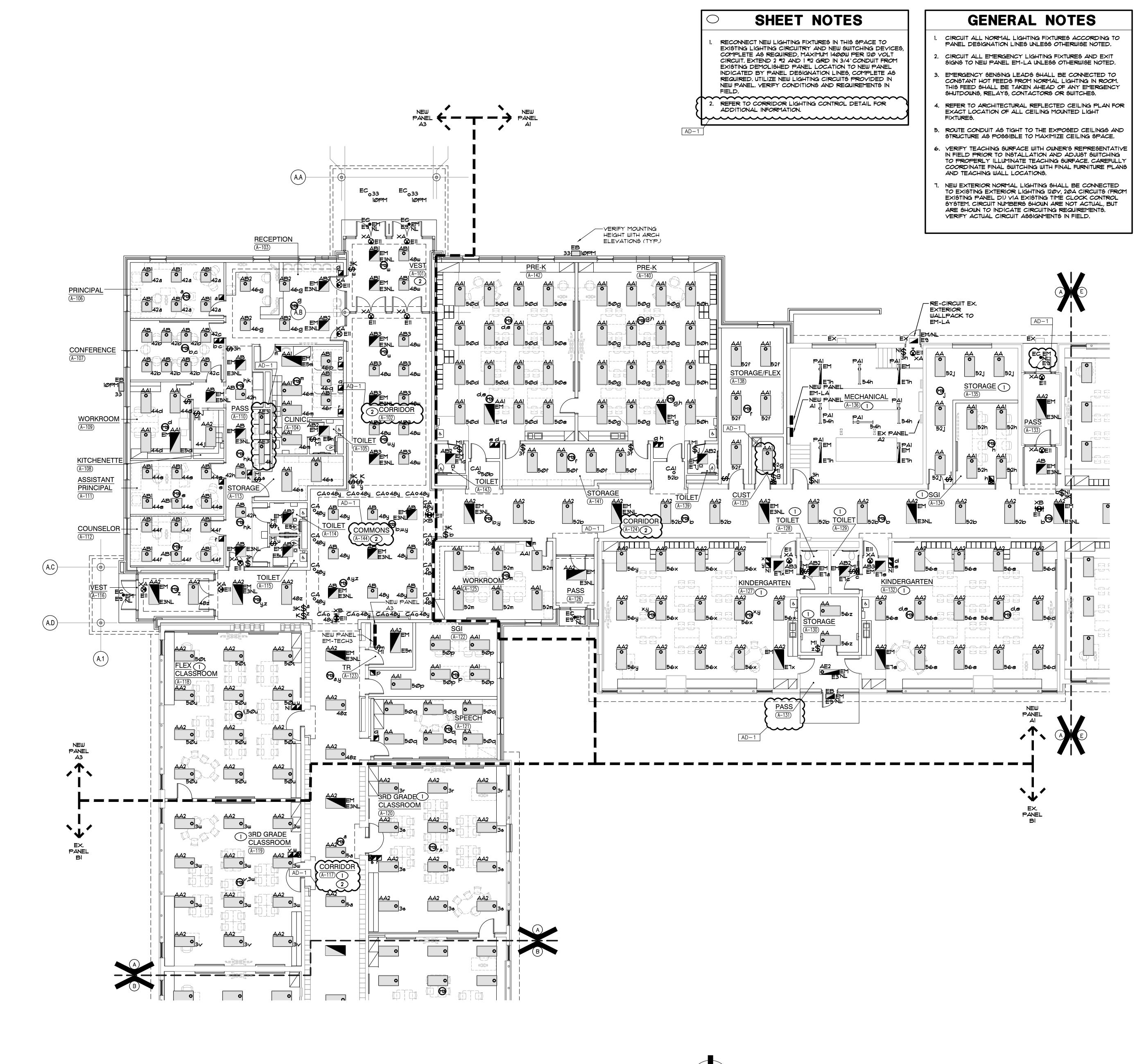
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UNIT "E" ELECTRICAL FIRST FLOOR DEMOLITION

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

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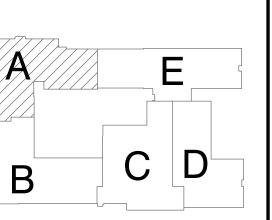
SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS,

WORK

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

RENOVATIONS,

AND RELATED



KEY PLAN

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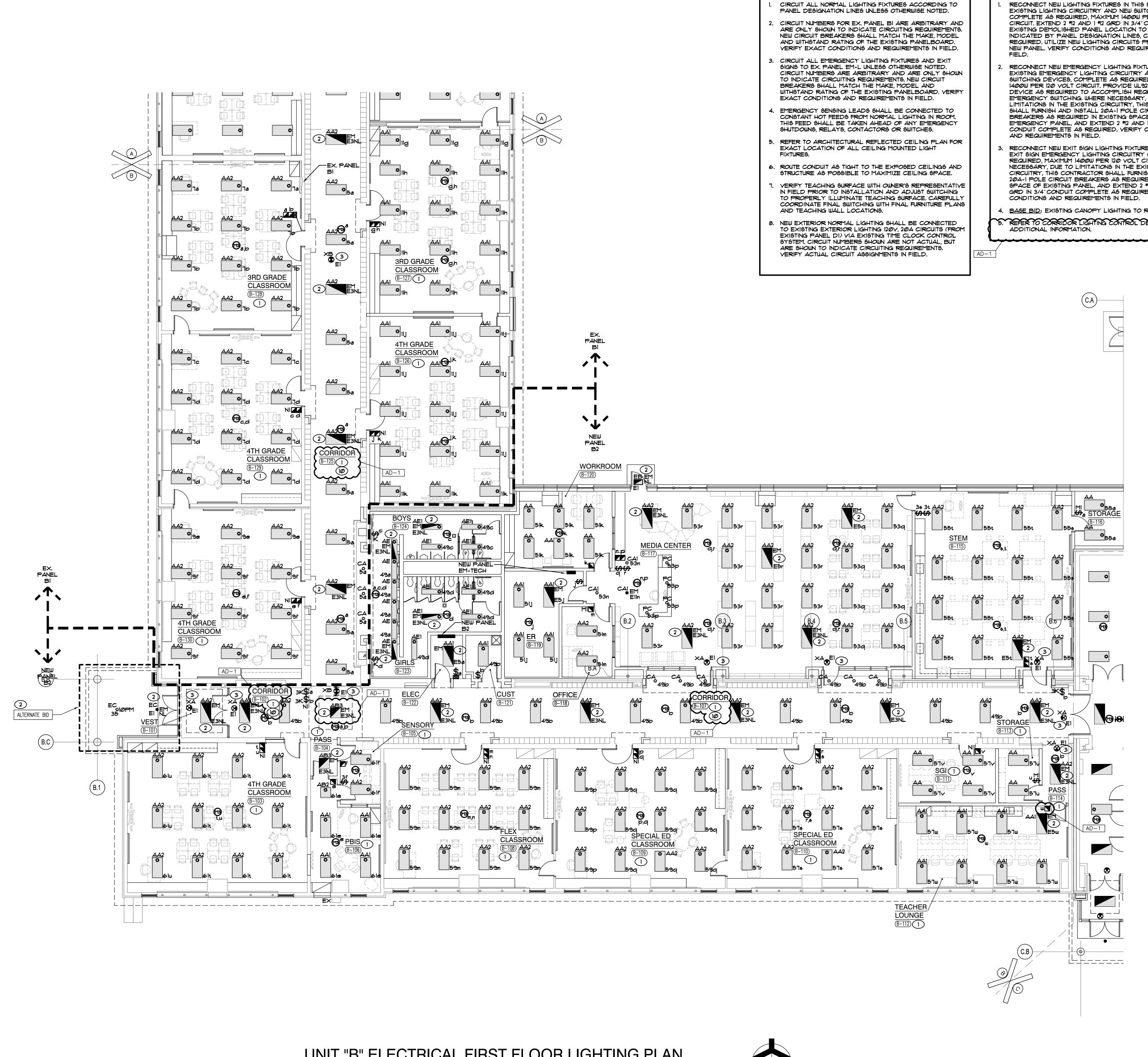
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	MARK	DATE	ISSUED FOR			
	AD-1	01/26/23	ADDENDUM NO. 1			
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DRAWING

UNIT "A" ELECTRICAL
FIRST FLOOR LIGHTING
PLAN

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

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SHEET NOTES

**GENERAL NOTES** 

RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. EXTEND 2 \*12 AND 1 \*12 GRD IN 3/4" CONDUIT FROM EXISTING DEMOLISHED PANEL LOCATION TO NEW PANEL INDICATED BY PANEL DESIGNATION LINES, COMPLETE AS REQUIRED. UTILIZE NEW LIGHTING CIRCUITS PROVIDED IN NEW PANEL. VERIFY CONDITIONS AND REQUIREMENTS IN

RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. PROYIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS

B. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT, WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY

4. BASE BID: EXISTING CANOPY LIGHTING TO REMAIN. 5. REFER TO CORRIDOR LIGHTING CONTROL DETAIL FOR GIBRALTAR DESIGN

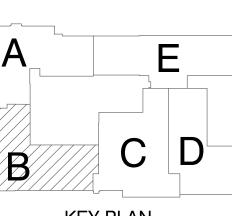
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PROJECT

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ROBINSON ELEMENTARY SCHOOL RENOVATIONS, AND RELATED WORK

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA

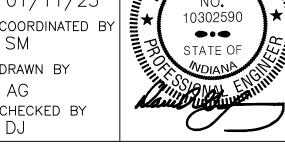


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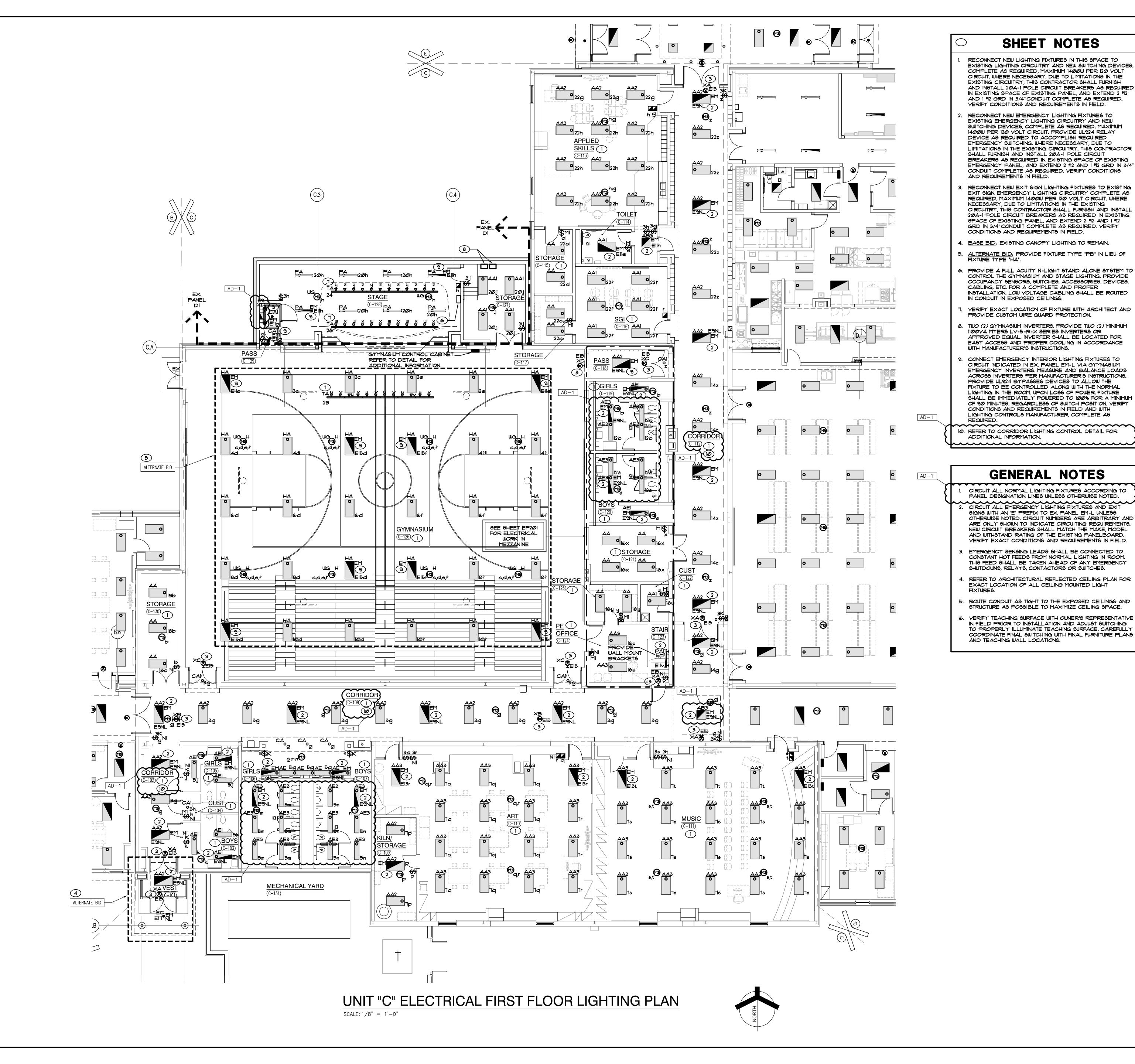
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UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

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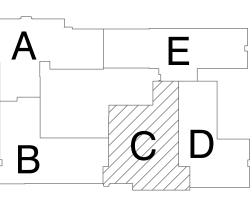
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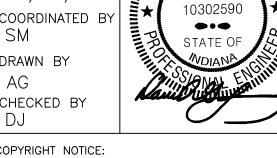
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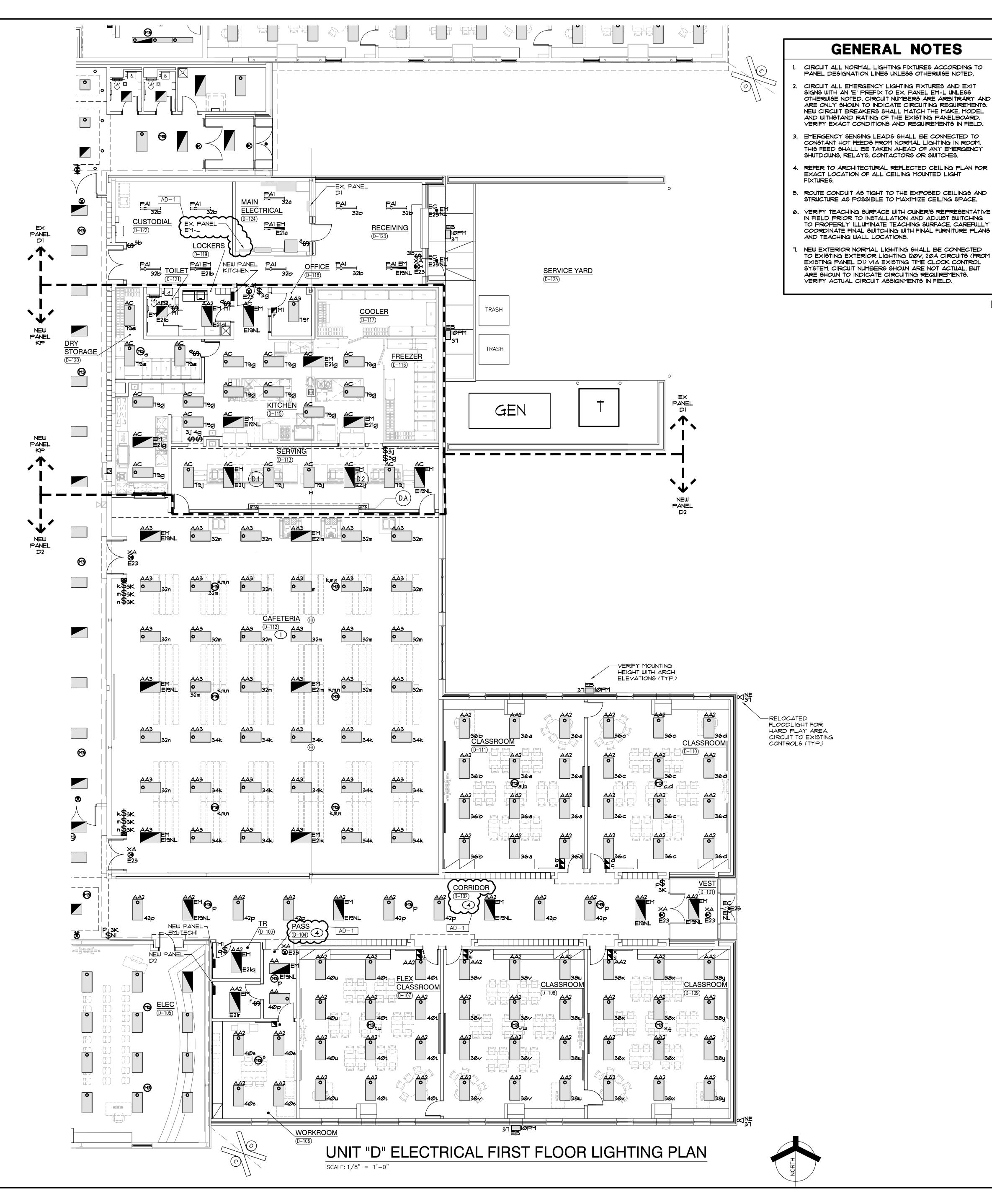


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UNIT "C" ELECTRICAL FIRST FLOOR LIGHTING PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK



#### 

- 1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 \*12 AND 1 \*12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. YERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
  - RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 \*12 AND 1 \*12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. YERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
  - RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. YERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

4. REFER TO CORRIDOR LIGHTING CONTROL DETAIL FOR ADDITIONAL INFORMATION.

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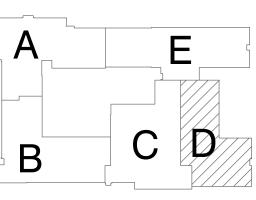
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AND RELATED

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WORK



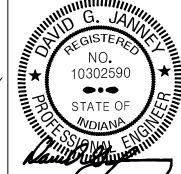
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UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN

SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

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- 1. CIRCUIT ALL NORMAL LIGHTING FIXTURES ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
- 2. CIRCUIT ALL EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS WITH AN 'E' PREFIX TO EX. 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. YERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
- 3. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM.
  THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
- 4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
- 5. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
- 6. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.
- NEW EXTERIOR NORMAL LIGHTING SHALL BE CONNECTED TO EXISTING EXTERIOR LIGHTING 120Y, 20A CIRCUITS (FROM EXISTING PANEL DI) 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.

#### SHEET NOTES

- 1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. EXTEND 2 \*12 AND 1 \*12 GRD IN 3/4" CONDUIT FROM EXISTING DEMOLISHED PANEL LOCATION TO NEW PANEL INDICATED BY PANEL DESIGNATION LINES, COMPLETE AS REQUIRED. UTILIZE NEW LIGHTING CIRCUITS PROVIDED IN NEW PANEL. YERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- 2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. YERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- 3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 \*12 AND 1 \*12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- 4. REFER TO CORRIDOR LIGHTING CONTROL DETAIL FOR ADDITIONAL INFORMATION.

DESIGN

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MILLIES

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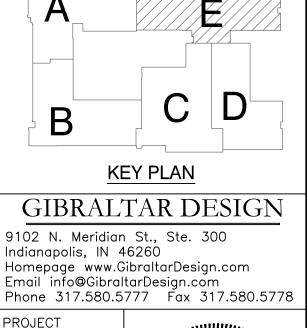
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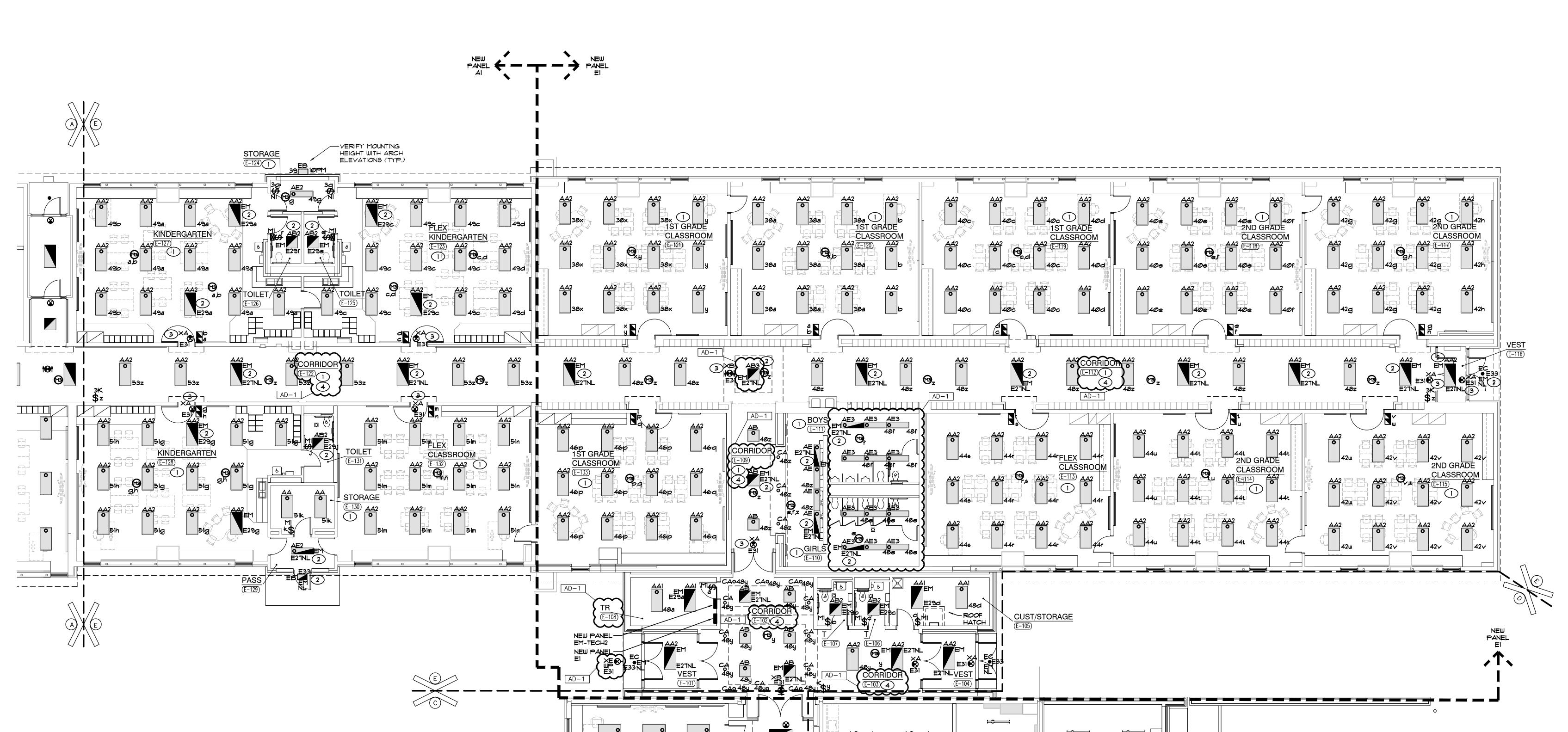
UNIT "E" ELECTRICAL FIRST FLOOR LIGHTING PLAN

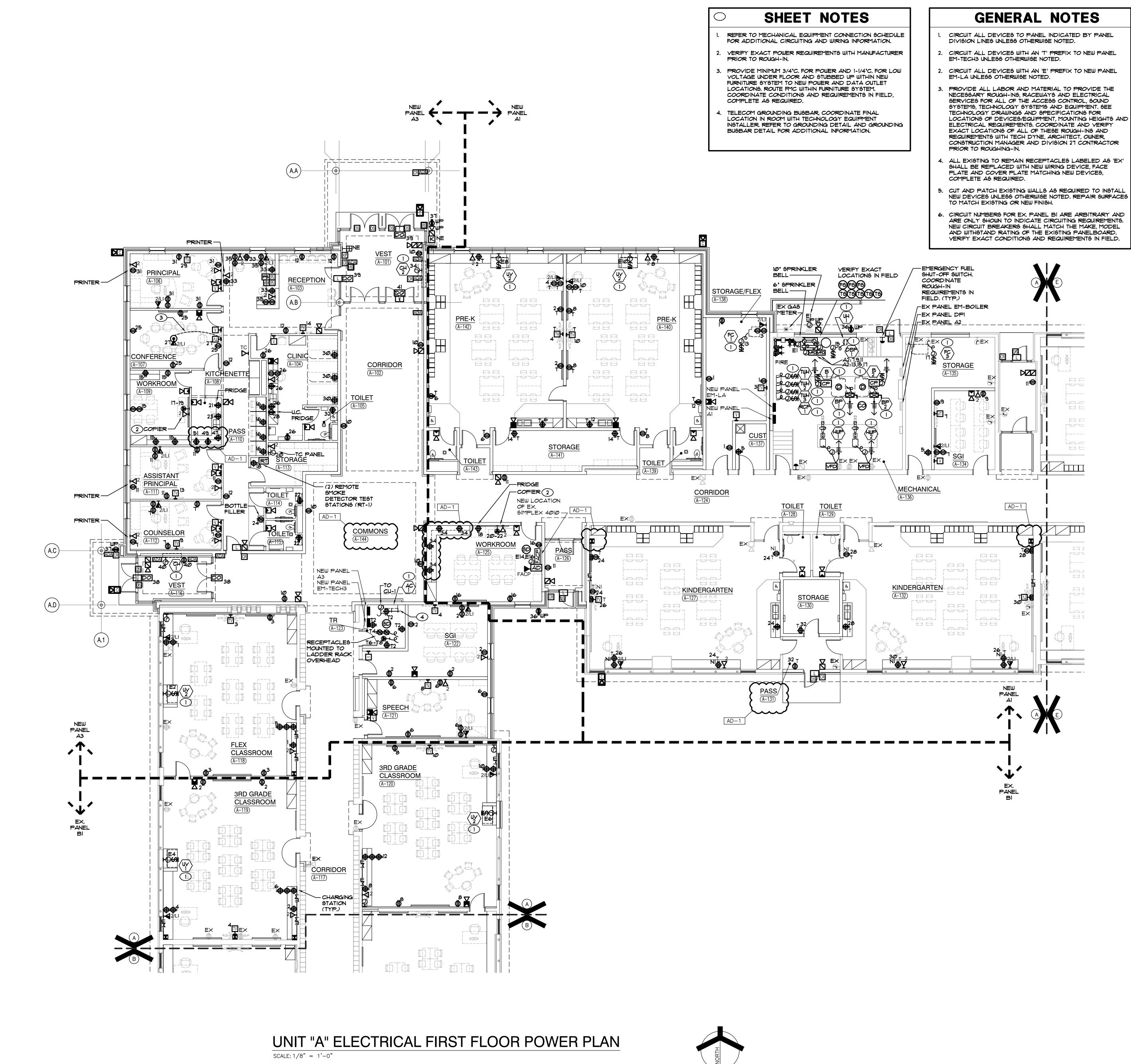
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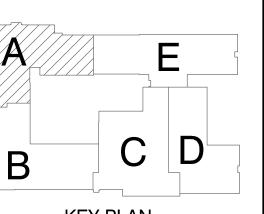
NEW DEVICES UNLESS OTHERWISE NOTED. REPAIR SURFACES



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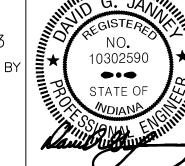
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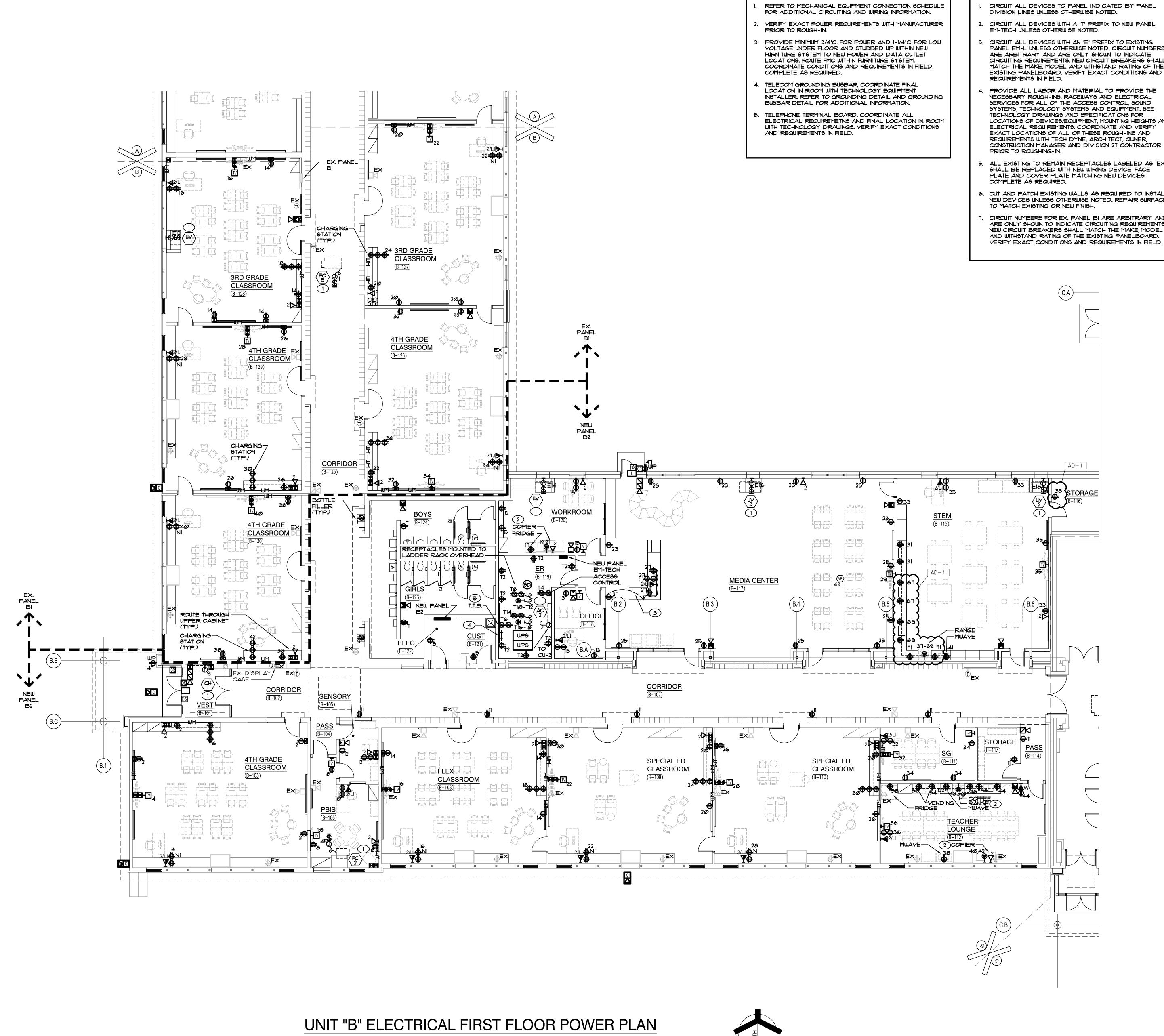


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UNIT "A" ELECTRICAL FIRST FLOOR POWER PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK



SHEET NOTES

- CIRCUIT ALL DEVICES WITH A 'T' PREFIX TO NEW PANEL
- 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
- 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 27 CONTRACTOR
- ALL EXISTING TO REMAIN RECEPTACLES LABELED AS 'EX' SHALL BE REPLACED WITH NEW WIRING DEVICE, FACE PLATE AND COVER PLATE MATCHING NEW DEVICES,
- 6. CUT AND PATCH EXISTING WALLS AS REQUIRED TO INSTALL NEW DEVICES UNLESS OTHERWISE NOTED. REPAIR SURFACES
- CIRCUIT NUMBERS FOR EX. PANEL BI 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.

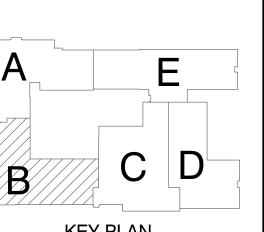
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ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

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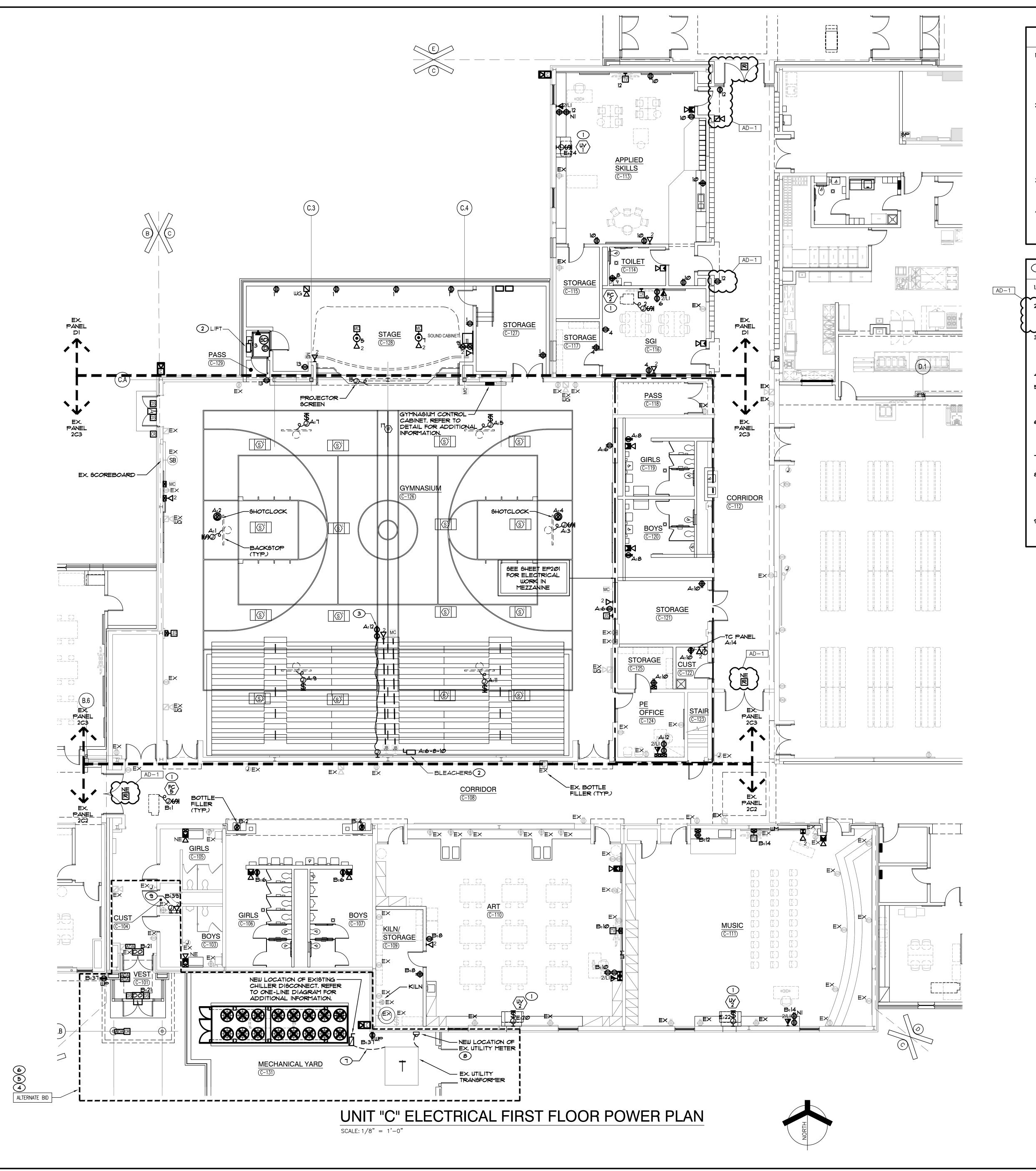
UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

В

EP102

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



- 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 MAKE, MODEL 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-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 27 CONTRACTOR PRIOR TO ROUGHING-IN.
- . 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 MATCH EXISTING OR NEW FINISH.

#### SHEET NOTES

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

  2. PROVIDE 30A/IP CIRCUIT BREAKER WITH 2 \*10'S & 1 \*10 GRD. IN EXISTING SPACE OF EXISTING PANEL DI. VERIFY EXACT 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 2' CONDUIT CONNECTION FOR LOW VOLTAGE BOXES. PROVIDE 3/4'C. FOR POWER POWER AND LOW VOLTAGE TO BE SEPARATED.
- 4. <u>BASE BID:</u> EXISTING CHILLER TO REMAIN.
- 5. <u>ALTERNATE:</u> 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 RECONNECT.
- 6. ALTERNATE: EXISTING CHILLER TO BE REPLACED. DISCONNECT AND REMOVE EXISTING CHILLER INSTALL NEW CHILLER DISCONNECT AND CHILLER CONNECTION IN NEW LCATION AS INDICATED ON PLANS. EXTEND NEW CHILLER FEEDER FROM EXISTING UTILITY TRANSFORMER AND CONNECT.
- I. 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, GROUNDING, MOUNTING, 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 PANEL. REFER TO MECHANICAL SPECIFICATIONS.



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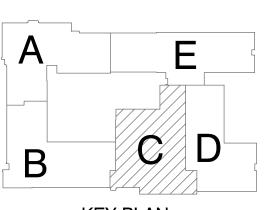
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SCHOOL CORPORATION

CROWN POINT, INDIANA



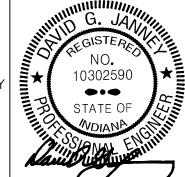
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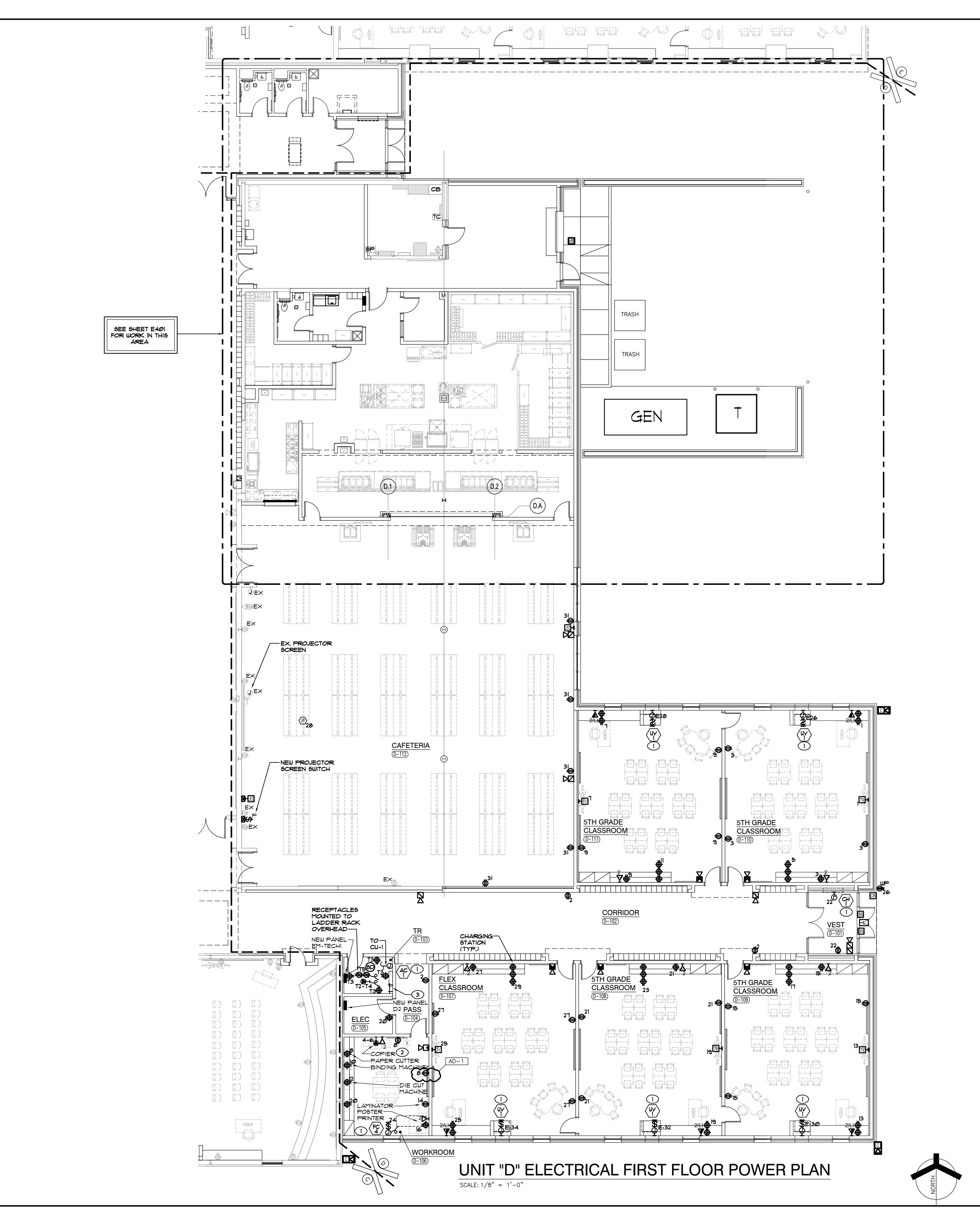
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UNIT "C" ELECTRICAL FIRST FLOOR POWER PLAN

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

BRALTAR DESIGN



- CIRCUIT ALL DEVICES TO NEW PANEL D2 UNLESS OTHERWISE NOTED.
- 2. CIRCUIT ALL DEVICES WITH A 'T' PREFIX TO PANEL EM-TECHI 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.
- 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 27 CONTRACTOR PRIOR TO ROUGHING-IN.
- 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.

#### SHEET NOTES

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
- VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
- 3. TELECOM GROUNDING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.



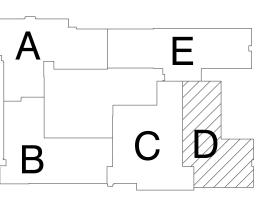
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**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA

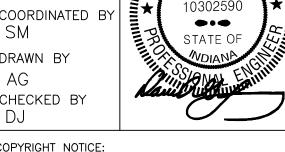


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UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN

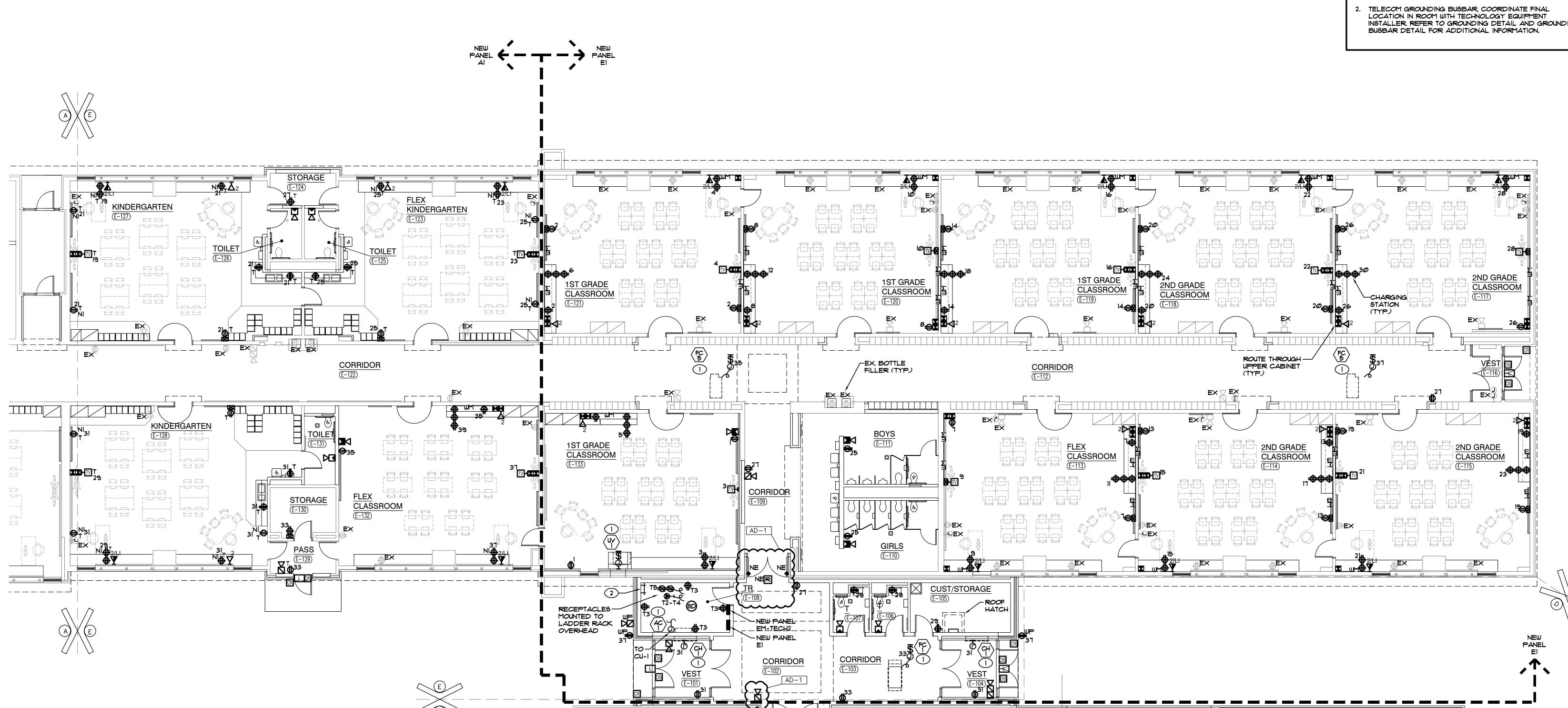
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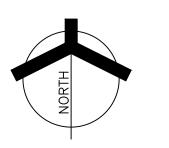
- CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE NOTED.
- 2. CIRCUIT ALL DEVICES WITH A 'T' PREFIX TO PANEL EM-TECH2 UNLESS OTHERWISE NOTED.
- 3. CIRCUIT ALL DEVICES WITH AN 'E' PREFIX TO EXISTING PANEL EM-L UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE 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.
  - 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 27 CONTRACTOR PRIOR TO ROUGHING-IN.
  - 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.

#### SHEET NOTES

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
- TELECOM GROUNDING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER REFER TO GROUNDING DETAIL AND GROUNDING



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

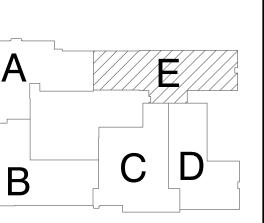




(219) 924-8400 www.milliesengineeringgroup.com PROJECT

**ROBINSON** | ELEMENTARY SCHOOL AND RELATED WORK

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA



9102 N. Meridian St., Ste. 300 ndianapolis, IN 46260

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UNIT "E" ELECTRICAL FIRST FLOOR POWER

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET

1. ALL DEVICES SHALL BE CIRCUITED ACCORDING TO CIRCUIT PREFIX UNLESS OTHERWISE NOTED.

### SHEET NOTES

\_F K:8Ø-82-84

EM-L:64-66-68

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
- COORDINATE ROOFTOP PLACEMENT OF EXHAUST AND MAKE UP AIR FANS, FREEZER/COOLER CONDENSING UNITS WITH KEC.
- LOCATE WEATHERPROOF GFI TYPE RECEPTACLE ON UNIT IN AN APPROVED MANNER, COMPLETE AS REQUIRED.





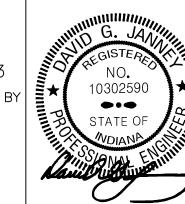
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ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

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

DRAWING

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ELECTRICAL POWER
COMPOSITE ROOF PLAN

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

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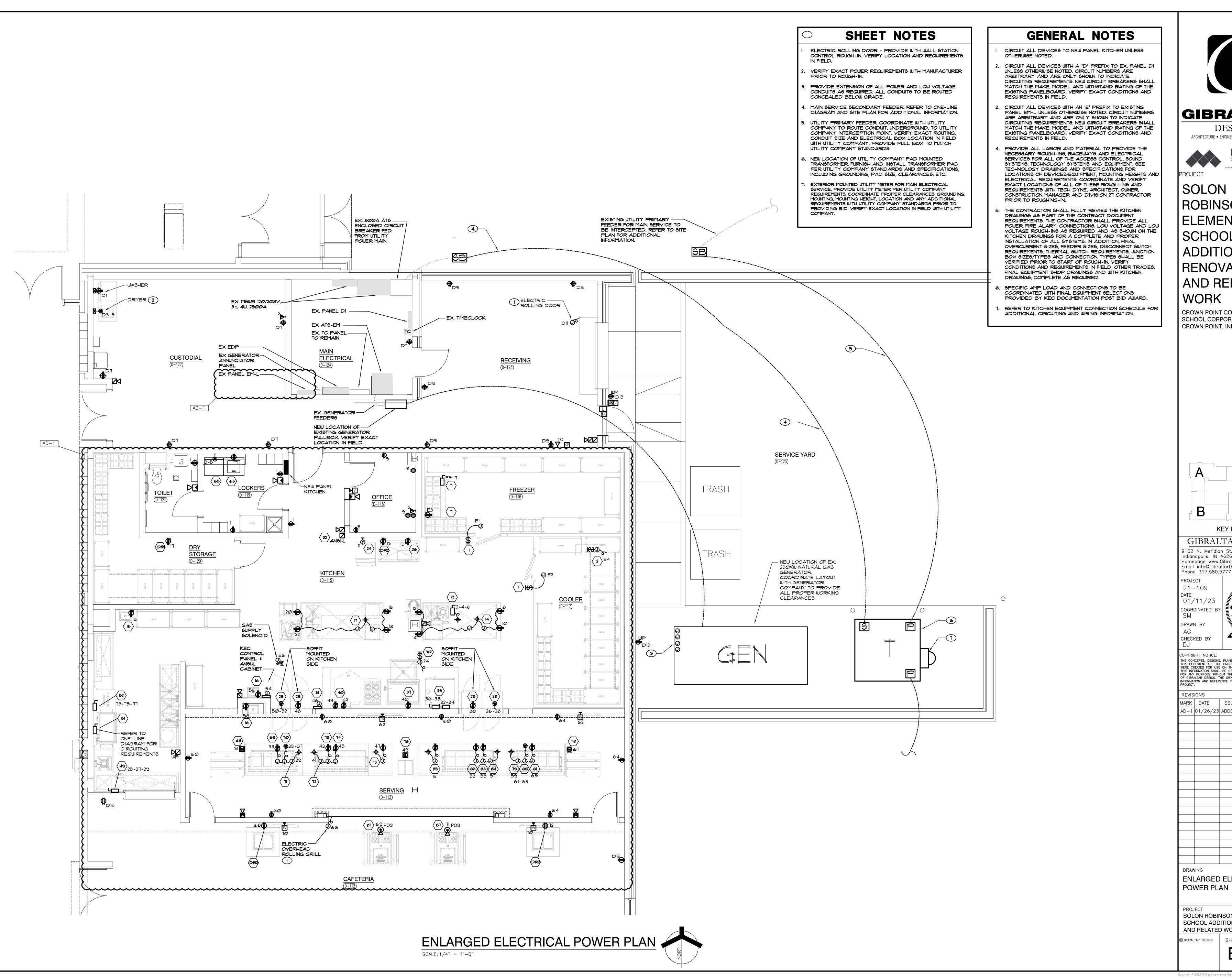
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POWER TO ROOFTOP UNIT. REFER TO DETAIL FOR

ADDITIONAL INFORMATION (TYP.)





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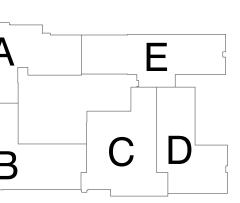
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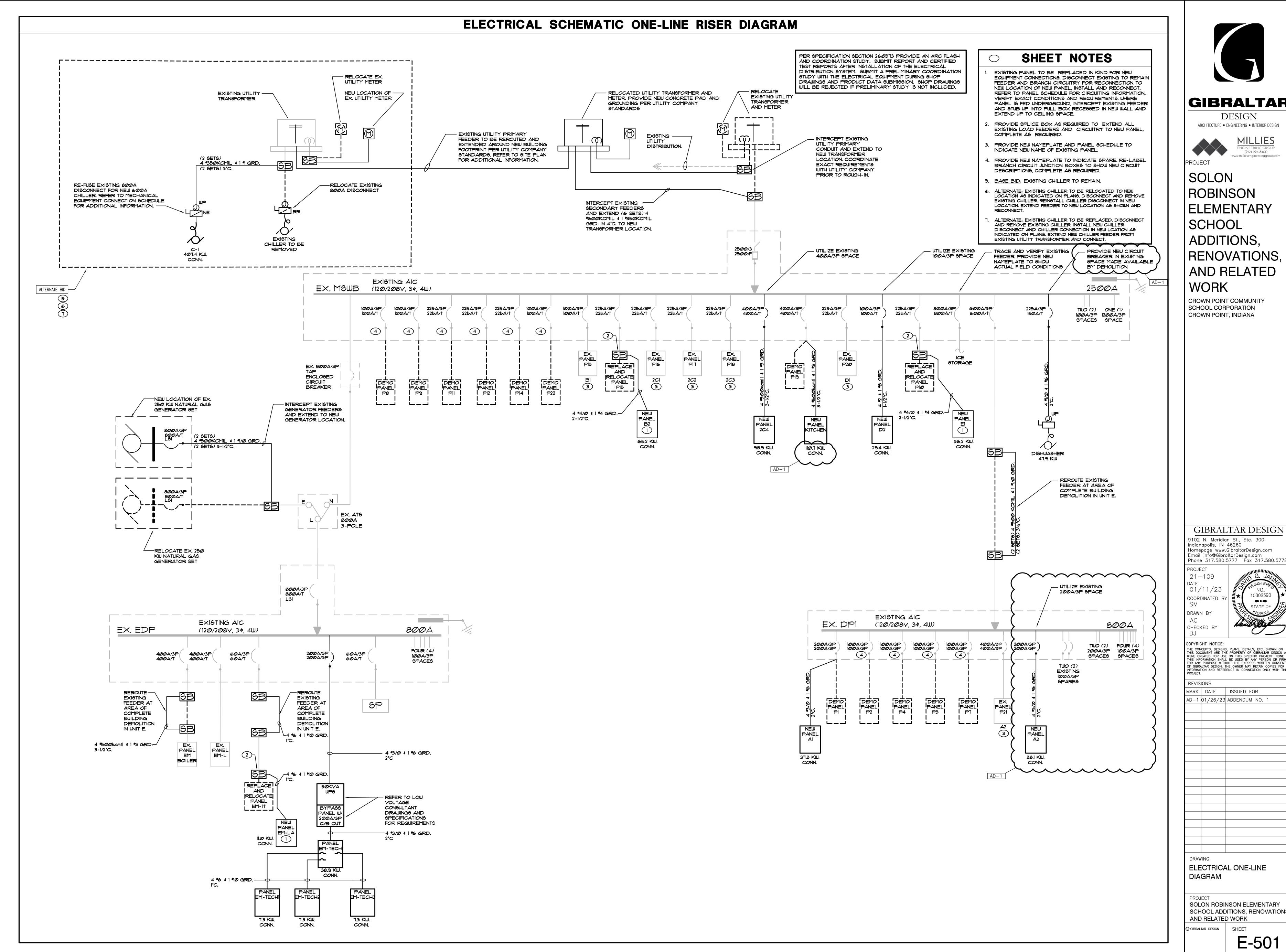
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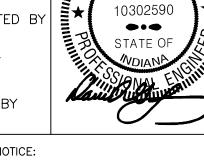
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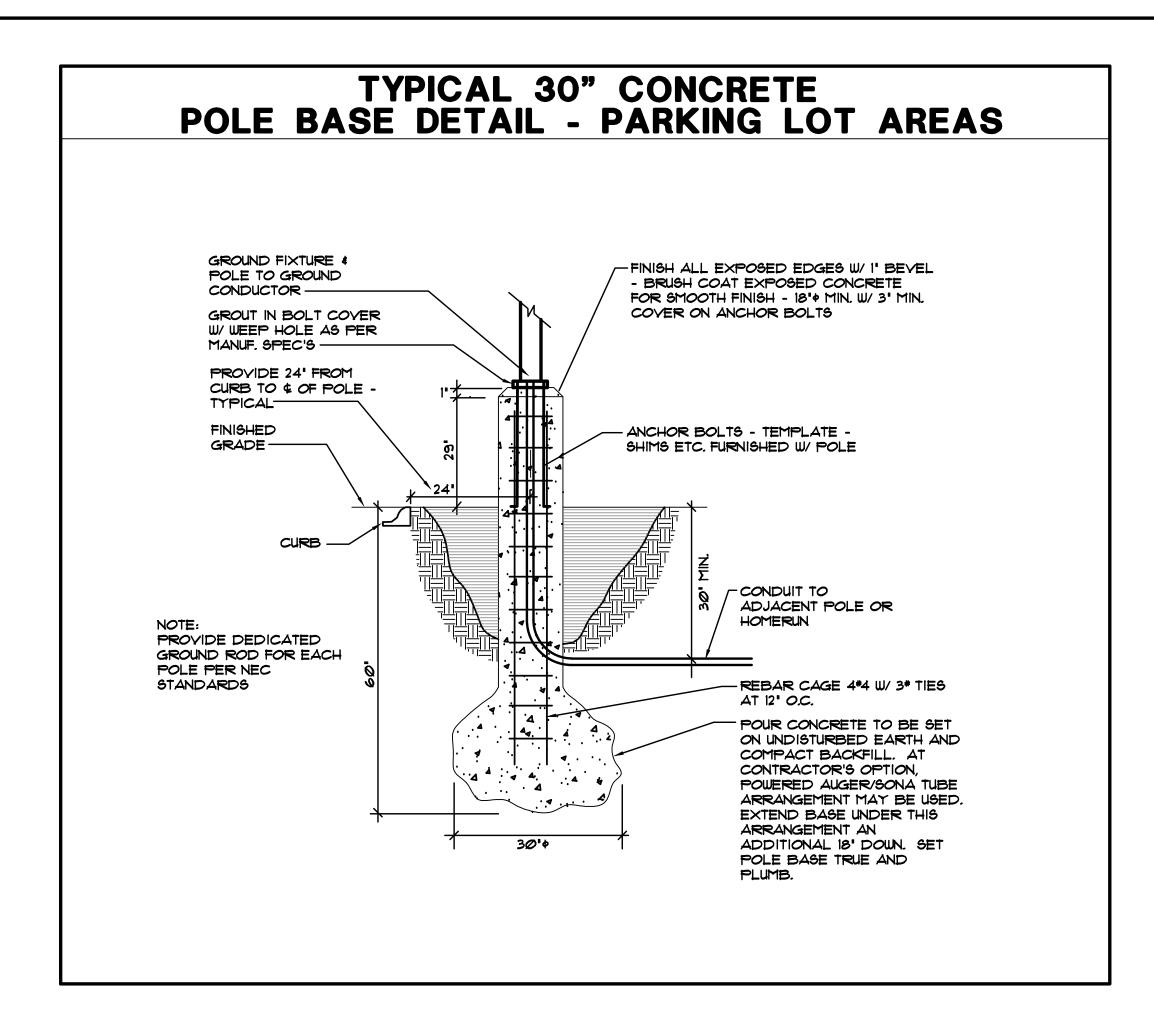


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SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,

E-501



#### FIXTURE GENERAL NOTES

- 1. INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.
- 2. PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE. PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, FEEDS, SINGLE AND DUAL CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS. PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS.
- 3. LED FIXTURES (LESS THAN 10000 LUMENS) SHALL BE PROVIDED WITH FACTORY INSTALLED INTEGRAL EMERGENCY BATTERY UNITS BATTERY UNITS SHALL PROVIDE A MINIMUM OF 1400 LUMENS.
- . FIXTURES THAT CANNOT BE PROVIDED WITH EMERGENCY BALLASTS OR FIXTURES WITH GREATER THAN 10000 LUMENS SHALL BE PROVIDED WITH EMERGENCY INVERTER (MYERS \*LY SERIES OR APPROVED EQUAL) WITH SUITABLE CAPACITY TO POWER FIXTURE FOR A MINIMUM OF 90 MINUTES PER CODE. VERIFY SIZING AND REQUIREMENTS WITH CONTRACT DOCUMENTS PRIOR TO ORDERING.
- 5. SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
- 6. EXTERIOR LIGHTING POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE ALUMINUM POLES WITH CAST BASE COVERS AND VIBRATION DAMPENERS. THE POLES SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT AT 100 MPH WIND WITH A 1.3 GUST FACTOR, MINIMUM POLE SIZE TO BE 5" SQUARE, PROVIDE ADDITIONAL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
- FOR EXTERIOR POLE MOUNTED LIGHTING, PROVIDE FACTORY MOUNTED HOUSE SIDE SHIELDS INTEGRAL TO THE FIXTURE AS SPECIFIED. ADDITIONALLY, PROVIDE CUSTOM FABRICATED POLE MOUNTED HOUSE SIDE SHIELDING AS REQUIRED TO CONTROL LIGHT TRESPASS AND COMPLY WITH LOCAL REQUIREMENTS.
- 8. FIXTURES WITH EMERGENCY BATTERIES SHALL BE PROVIDED WITH CONSTANT HOT SENSING WIRE SO THAT FIXTURE CAN BE SWITCHED ON AND OFF WITHOUT ACTIVATING EMERGENCY BALLAST. UPON LOSS OF POWER, THE FIXTURE SHALL BE ILLUMINATED FOR A MINIMUM OF 90 MINUTES REGARDLESS OF THE LIGHT SWITCH POSITION. PROVIDE TEST SWITCH AND CHARGING INDICATOR FOR EMERGENCY BATTERY AS SPECIFIED.
- ALL INTEGRAL EMERGENCY BATTERIES USED IN EXTERIOR APPLICATIONS SHALL HAVE A MINIMUM STARTING TEMPERATURE OF -20 DEGREES F UNLESS OTHERWISE SPECIFIED.
- 10. CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER. PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYPSUM CEILINGS. YERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
- 11. COMPLETE PHOTOMETRICS OF THE INTERIOR AND EXTERIOR LIGHTING SHALL BE SUBMITTED ALONG WITH THE LIGHTING SHOP DRAWINGS FOR REVIEW. FOR FINISHED SPACES, 80/50/20 REFLECTANCES SHALL BE UTILIZED. FOR UNFINISHED SPACES 50/50/20 REFLECTANCE SHALL BE UTILIZED. THE LLD VALUE THAT SHALL BE UTILIZED FOR LED IS SI. EXTERIOR CALCULATIONS SHALL ACCOUNT FOR HOUSE SIDE SHIELDING AND SHALL CONFORM TO LOCAL REQUIREMENTS.
- 12. VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- 13. VERIFY YOLTAGES OF EXISTING LIGHTING CIRCUITRY PRIOR TO ORDERING FIXTURES.
- 14. PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
- 15. COORDINATE LOCATIONS OF INTERIOR AND EXTERIOR LIGHTING FIXTURES WITH FINAL ARCHITECTURAL DRAWINGS. FIXTURES THAT ARE NOT INSTALLED IN THE CORRECT LOCATION SHALL BE RELOCATED AND REINSTALLED IN THE CORRECT LOCATION AT NO ADDITIONAL CHARGE.
- 16. FIXTURES SHALL BE PROVIDED WITH ESCUTCHEON PLATES AS REQUIRED TO COVER EXISTING HOLES FROM REMOVED FIXTURES. CANOPY CEILING AROUND NEW FIXTURES SHALL BE REFINISHED TO MATCH EXISTING SURROUNDING CANOPY CEILING SURFACES.
- 17. FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES. EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANUFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.
- ALTERNATE BID -
  18. EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER. IF THE PRODUCT SUBMITTED DURING THE REVIEW PROCESS IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
- 19. LIGHT FIXTURE TRANSFORMERS SHALL BE INTEGRAL STEP DOWN TRANSFORMERS PER NEC 210.6C. IF AN INTEGRAL STEP DOWN TRANSFORMER IS NOT AVAILABLE, PROVIDE A 120Y CONNECTION FOR LIGHT FIXTURES AND ADDITIONAL CONTROL DEVICES AS REQUIRED TO PROPERLY CONTROL FIXTURES ALONG WITH OTHER 217 YOLT LIGHTING IN ROOM. YERIFY CONDITIONS AND REQUIREMENTS, COMPLETE AS REQUIRED.
- 20. CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
- 21. APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (630.307.6955), FORCE CHICAGO (312.986.1515), PG ENLIGHTEN (847.228.1199) OR ARCHIBALD AND MEEK (630.833.7377).
- 22. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO

ORDERING.

	AD-1
TRENCH DETAIL	N.T.S.
BURY AND MARK 18' METAL SPIKE W/ 15' D HEAD AT LOCATION OR END CAPS IN GRA AREA FOR FUTURE EXTENSION BY UTILITY O INSTALL AND MARK SPIKES FLUSH W/ GRAD SUCH THAT NO TRIPPING HAZARD EXISTS.	66 CO.
NEW GRADE————————————————————————————————————	
WARNING TAPE STAT  'CAUTION BURIED  ELECTRICAL LINES'  RUN CONTINUOUSLY  THROUGHOUT TRENC	-
RENDER REMOVED SON ROCK FREE, BACK FILL COMPACT IN 8' LAYE	L AND
ROUTE CONDUIT AS INDICATED ON SIT UTILITY PLAN. VERIFY CONDITIONS, REQUIRE AND ROUTING IN FIELD	MENTS
B' MIN -	
— — INDICATES CONDUIT ROUTED MINIMUM 36" BELOW GRADE AND LISTED FOR DIRECT BURIAL WITH NYLON PULL WIRE. COORDI CONDUIT TYPE WITH SPECIFICATIONS. REGARDLESS OF THE SPECIFIED CONDUIT, ALL CONDUIT BENDS SHALL BE GALVANI RIGID STEEL CONDUIT WITH NO LESS THAN 36" BENDING RADIU	ZED
[ PROPERLY TERMINATE, CAP AND SPIKE WITH 18" METAL SPIKE 1.5" DIAMETER FOR FUTURE EXTENSION.	W/

<del></del>		INTERIO	OR LIGHTING LUMINA	AIRE S	CHED	ULE	
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES  OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MDUNTING	REMARKS
ДД	0	2' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-40L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-107 DIM	LED 4000K MAX 32W MIN 4000LM	RECESSED LAY-IN	-
۱ <i>۸</i>	•	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-48L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 YOLT 0-10Y DIM	LED 4000K MAX 38W MIN 4800LM	RECESSED LAY-IN	-
AA2	0	2' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-60L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 48W MIN 6000LM	RECESSED LAY-IN	-
,ДЗ	0	2' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-72L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 61W MIN 7200LM	RECESSED LAY-IN	-
4B	0	2' × 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-33L-ADP-GZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120 YOLT 0-10Y DIM	LED 4000K MAX 27W MIN 3300LM	RECESSED LAY-IN	-
ABI	0	2' × 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-4@L-ADP-GZI-LP84@ COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120 YOLT 0-10Y DIM	LED 4000K MAX 32W MIN 4000LM	RECESSED LAY-IN	-
AB2	•	2' × 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-48L-ADP-GZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 44W MIN 4800LM	RECESSED LAY-IN	-
<b>4B</b> 3	0	2' × 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-60L-ADP-GZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120 YOLT 0-10Y DIM	LED 4000K MAX 68W MIN 6000LM	RECESSED LAY-IN	-
AC	•	2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA *2GTL4-88L-RW-A19INY-MYOLT-GZI- LP840-ABC COLUMBIA *LJT24 SERIES METALUX *GR LED SERIES	120 YOLT 0-10Y DIM	LED 4000K MAX 65W MIN 8800 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING
Æ	0	1' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-20L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 16W MIN 2000LM	RECESSED LAY-IN/	-
AE1	0	1' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-40L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 YOLT 0-10Y DIM	LED 4000K MAX 33W MIN 4000LM	RECESSED LAY-IN/	-
AE2		1' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-48L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 40W	RECESSED LAY-IN/	-
ĄE3		I' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-30L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 YOLT 0-10Y DIM	LED 4000K MAX 24W MAX 3000LM	RECESSED LAY-IN/ GYPSUM	-PROVIDE WITH DRYWALL GRID ADAPTER (*DGA14)
CA	0	6' DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, & WHITE FLANGE	HITHONIA *LONG-40-10-LOG-AR-LOG-PIVOLT -GZIO-XX PRESCOLITE *LTR SERIES PORTFOLIO *LD6B SERIES	120 VOLT 0-10V DIM	LED 4000K MAX IIW MIN 1000LM	RECESSED LAY-IN/ GYPSUM	-VERIFY TRIM FINISH WITH ARCHITECT
CAI	0	6' DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, & WHITE FLANGE	LITHONIA *LDN6-40-15-L06-AR-L99-MVOLT -GZI0-XX PRESCOLITE *LTR SERIES PORTFOLIO *LD6B SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 18W MIN 1500LM	RECESSED LAY-IN/ GYPSUM	-VERIFY TRIM FINISH WITH ARCHITECT
PA	<b>:</b>	4' LED INDUSTRIAL STRIP FIXTURE	LITHONIA *CLX-L48-5000LM-SEF-RDL-MYOLT -GZI0-40K-80CRI-XX-XX METALUX *SNLED SERIES COLUMBIA *MPS SERIES	120 YOLT 0-10Y DIM	LED 4000K MAX 42W MIN 5000LM	'Y' CHAIN SUSPEND	-COORD LOCATIONS WITH DUCTWORK & PIPING: -PROVIDE WIREGUARD AND SAFETY CHAINS IN UTILITY RMS.
PAI	<b>:</b>	4' LED INDUSTRIAL STRIP FIXTURE	LITHONIA *CLX-L48-7000LM-SEF-RDL-MVOLT -GZI0-40K-80CRI-XX-XX METALUX *SNLED SERIES COLUMBIA *MPS SERIES	120 YOLT 0-10Y DIM	LED 4000K MAX 49W MIN 7000LM	'Y' CHAIN SUSPEND	-COORD LOCATIONS WITH DUCTWORK & PIPING: -PROVIDE WREGUARD AND CARETY SHAING INVITUITY RYS.
НД	0	LED HIGH ABUSE GYMNASIUM FIXTURE	KENALL *HASEDI-24-180L-DIMI-120-2F-2H-6-XX OR APPROVED EQUAL	120 VOLT 0-10V DIM	LED 4000K MAX 192W 24,000LM	RECESSED LAY-IN/	<b>V V V</b>
PB	•	LED HIGH BAY FIXTURE WITH WIREGUARD AND SAFETY CABLE	LITHONIA *1BG-24L-SEF-AFL-GND-MYOLT-GZIØ- 40K-80CRI-WGX-XX-XX COLUMBIA *PEL4 SERIES METALUX *OHB SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 192W 24,000LM		AND SAFETY CABLE
PC	0	SUSPENDED LED CYLINDER PENDANT	VISA *CPI542-L40-H-MVOLT-XX-XX OR APPROVED EQUAL	120 VOLT 0-10V DIM	LED 4000K MAX 16W MIN 1700LM	SUSPENDED VERIFY W/ ARCHITECT	-VERIFY FINISH WITH ARCHITECT
TA	ΔΔ		CON-TECH *CTL5030-B-FA-30-BD30 PROVIDE WITH NTEK-X-B TRACK JUNO *TEK SERIES OR APPROVED EQUAL	120 VOLT 0-10V DIM	ONE (1) LED 15W EQUIV PAR 30 PER HEAD	36" STEM MOUNTED TO UNISTRUT	-PROVIDE ALL MOUNTING ACCESSORIES -VERIFY FINISH WITH ARCHITECT.
×A	⊗ ⊗	SINGLE FACE EXIT WITH NICKEL-CADMIUM BATTERY BACKUP	LITHONIA *LE-S-X-1-R-X-EL N-X DUAL-LITE *SE-S-R-X SURE-LITES *CX SERIES	120 VOLT	LED MAX 3W	CEILING/ WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
XB	•	DUAL FACE EXIT WITH NICKEL-CADMIUM BATTERY BACKUP	LITHONIA *LE-S-X-2-R-X-EL N-X DUAL-LITE *SE-D-R-X SURE-LITES *CX SERIES	120 VOLT	LED MAX 3W	CEILING/ WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
xc	⊗ ⊗	SINGLE FACE HIGH ABUSE EXIT WITH NICKEL-CADMIUM BATTERY BACKUP	LITHONIA *LY-5-AW-1-R-120/277-EL N-XX OR APPROVED EQUAL	120 YOLT	LED MAX 3W	CEILING/ WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
XD		BATTERY EMERGENCY LIGHT WITH 4 HOUR CAPACITY	LITHONIA *INDL-SP640L-UYOLT-LTP-SDRT-HO OR APPROVED EQUAL	MVOLT	LED MAX 3W PER HEAD	CEILING/ WALL	-VERIFY FINISH WITH ARCHITECT -4 HOUR RATED
XE	<b>∑</b>	WEATHER PROOF SINGLE FACE EXIT	HOLOPHANE *DLTL-W-1-R-EL-X OR APPROVED EQUAL	120 VOLT	LED MAX 3W	WALL	-VERIFY FINISH WITH ARCHITECT
		FIXTURE ON EMERGENCY CIRCUIT WITH 90 MINUTE, 1400	BODINE FACTORY INSTALLED DRIVER OR MYERS LY SERIES INVERTER	120 VOLT	_	IN FIXTURE/ REMOTE	-PROVIDE TEST SWITCH AND CHARGING
The state of the s		LUMEN OUTPUT BATTERY UNIT OR INVERTER					INDICATOR

ALTERNATE BID

 -INIAIL D	/						
		EXTERIO	OR LIGHTING LUMINA	IRE S	CHED	ULE	
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES  OR CATALOG NUMBER	V□LTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
EA	• <del></del>	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE WITH HOUSE SHIELD	LITHONIA *DSXI LED-P6-50K-T4M-MVOLT-SPA-HS-XX-GI NO SUBSTITUTIONS	MVOLT	LED 5000K MIN 18,871LM MAX 163W	POLE MTD 30'-0" AFG	-PROVIDE \$\$A-27-6-XX POLE OR APPROVED EQUAL -VERIFY AND MATCH EXISTING POLE HEIGHTS
EB		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA *ARC2-LED-XX-P3-50K-MVOLT-XX-XX HUBBELL *LNC3 SERIES OR APPROVED EQUAL	MVOLT	LED 5000K MIN 3000LM MAX 25W	WALL MTD AS NOTED	-VERIFY FINISH WITH ARCHITECT. -PROVIDE COLD EM BATTERY OPTION AS INDICATED ON PLANS
EC	0	LED 8' DOWNLIGHT WITH TRIM FINISH TO BE SELECTED BY ARCHITECT	INDY *LRT8-28LM-50K-MYOLT-G4-80CRI-ZT-P-C66- WET HALO *HC815DO10 SERIES SPECTRUM *SGICE8LEDOS SERIES	MVOLT	LED 5000K MAX 29W MIN 2800LM	RECESSED CANOPY MOUNTED	-VERIFY TRIM FINISH WITH ARCHITECT -IC RATED



DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

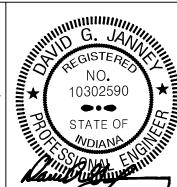
CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

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
01/11/23
COORDINATED BY
SM
DRAWN BY

CHECKED BY



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	REVIS	IONS	
)	MARK	DATE	ISSUED FOR
	AD-1	01/26/23	ADDENDUM NO. 1

DRAWING
ELECTRICAL SCHEDULES,
NOTES, DETAILS &
DIAGRAMS

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,

AND RELATED WORK

SHEET

E-503

REC - E-128	LOAD DESCRIPTION  REC - A138  TV - A-138  REC - A-135/137  TV/REC - A-134  REC - CORR A-124  FC-1  JH-1  FC-3  TV/REC - E-127  REC - E-127  TV/REC - E-123	GRD C TRIP 20 20 20 20 20 20 15 15	- 2'C.	: Дф 800	LOAD B¢	)	LOC			TRATIN	√G: 22,€	700	AIC	MLO(AMPS): 200
C/B	LOAD DESCRIPTION  REC - A138  TV - A-138  REC - A-135/137  TV/REC - A-134  REC - A-134  REC - CORR A-124  FC-1  JH-1  FC-3  TV/REC - E-127  REC - E-127  TV/REC - E-123	TRIP 20 20 20 20 20 20 20 15	C/B	800	B♦	_		:ATIC	WI ME	$\overline{}$				1. Let
LOAD DESCRIPTION   TRIP   POLE   A+   B+   C+   CCT. NO.   A+   B+   C+   TRIP   POLE   LOAD DESCRIPTION     REC - Al38   20   1   800   1   2   1000   20   1   TV/REC - A -142     REC - Al38   20   1   800   1   8   1000   20   1   REC - A -142     REC - Al36/137   20   1   800   1   8   1000   20   1   REC - A -142     REC - Al36/137   20   1   800   1   8   1000   20   1   REC - A -142     REC - Al34   20   1   800   1   8   1000   20   1   REC - A -140     REC - Al34   20   1   800   1   1   2   400   20   1   REC - A -140     REC - Al34   20   1   800   1   1   2   400   20   1   REC - A -140     REC - Al34   20   1   800   1   1   2   400   20   1   REC - A -140     REC - CORR Al24   20   1   800   1   1   1   8   1000   20   1   REC - Al41     H-1	REC - A138 TV - A-138 REC - A-135/13T TV/REC - A-134 REC - A-134 REC - CORR A-124 FC-1 JH-1 FC-3 TV/REC - E-12T REC - E-12T TV/REC - E-123	TRIP 20 20 20 20 20 20 20 15	-	800	B♦	_				SHANIC	- <u>AL A-</u> '	136		
REC - A 38	REC - A138 TV - A-138 REC - A-135/13T TV/REC - A-134 REC - A-134 REC - CORR A-124 FC-1 JH-1 FC-3 TV/REC - E-12T REC - E-12T TV/REC - E-123	20 20 20 20 20 20 20 15	POLE	800		C¢	1~~+	,		LOAD	, 1	(	7/B	
TV - A-138	TV - A-138  REC - A-135/137  TV/REC - A-134  REC - A-134  REC - CORR A-124  FC-1  JH-1  FC-3  TV/REC - E-127  REC - E-127  TV/REC - E-123	20 20 20 20 20 20 15	1 1 1 1 1 1		500	<del>                                     </del>		. NO.	. Дф	Bø	C¢	TRIP	POLE	LOAD DESCRIPTION
REC - A-135/131	REC - A-135/137  TV/REC - A-134  REC - A-134  REC - CORR A-124  =C-1  JH-1 =C-3  TV/REC - E-127  REC - E-127  TV/REC - E-123	20 20 20 20 20 15	1 1 1	255	500	I		2	1000			20	1'	REC - A-142
TV/REC - A-134	TV/REC - A-134  REC - A-134  REC - CORR A-124  FC-1  JH-1  FC-3  TV/REC - E-127  REC - E-127  TV/REC - E-123	20 20 20 15	1 1 1	000			3	4		800		20	1 '	TV/REC - A -142
REC - A-134	REC - A-134  REC - CORR A-124  FC-1  JH-1  FC-3  TV/REC - E-127  REC - E-127  TV/REC - E-123	20 20 15	1			400	5	6			400	20	1 1 '	REC - A-142
REC - CORR A-124	REC - CORR A-124 =C-1 JH-1 =C-3 TV/REC - E-127 REC - E-127 TV/REC - E-123	2Ø 15 15	1	800			٦	8	1000		<u> </u>	20	1 '	REC - A-140
FC-1   IB   1   330   IB   1   236   IB   IA   400   20   I   REC - A 41   IH-1   IB   I   1236   IB   IB   IB   IB   IB   IB   IB   I	FC-1 JH-1 FC-3 TV/REC - E-12T REC - E-12T TV/REC - E-123	15 15	Τ .		400		9	10	<u>'</u>	800	<u> </u>	20	1 '	TY/REC - A -140
UH-1   15   1   1236   15   16   1200   20   1   REC - A-125   FC-3   15   1   465   11   18   1000   20   1   REC - FRIDGE A-125   TV/REC - E-121   20   1   1200   21   22   1200   20   1   REC - COPIER A-125   REC - E-123   20   1   1200   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   21   28   800   20   1   TV/REC - A-121   REC - E-128   20   1   1200   21   28   800   20   1   TV/REC - A-132   TV/REC - E-128   20   1   1200   33   34   800   20   1   REC - A-132   REC - E-129/130   20   1   2000   33   34   800   20   1   REC - A-125   REC - E-132   20   1   2000   33   34   800   20   1   REC - A-125   REC - E-132   20   1   800   35   36   300   20   1   REC - A-125   REC - E-132   20   1   1200   39   40   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   1096   49   50   1362   LTG - E-127/123   20   1   1096   49   50   1362   LTG - E-128/132   20   1   1096   49   50   1362   LTG - E-128/132   20   1   1096   49   50   1362   LTG - E-128/132   20   1   1096   49   50   1362   LTG - E-128/132   20   1   1096   49   50   1362   LTG - E-127/123   20   1   1096   49   50   1362   LTG - E-127/123   20   1   1096   49   50   1362   LTG - E-127/123   20   1   1096   49   50   1362   LTG - E-127/123   20   1   1096   49   50   1362   LTG - E-127/123   20   1   1096   55   56   1440   20   1   LTG - A-127/132   SPARE   20   1   1096   50   50   50   1000   20   1   LTG - A-127/132   SPARE   20   1   55   56   1440   20   1   LTG - A-127/132   SPARE   20   1   59   60   20   1   LTG - A-127/132   SPARE   20   1   59   60   20   1   LTG - A-127/132   SPARE   20   1   59   60   20   1   LTG - A-127/132   SPARE   20   1   50   50   50   50   50   50   50	JH-1 =C-3 TV/REC - E-12T REC - E-12T TV/REC - E-123	15	<u> </u>			600	11	12			400	20	<u> </u>	REC - A-140
FC - 3	FC-3 TV/REC - E-12T REC - E-12T TV/REC - E-123		1	330			13	14	400	<u> </u>	<u> </u>	20	1 '	REC - A141
TV/REC - E-121	TV/REC - E-12T REC - E-12T TV/REC - E-123		1		1236		15	16	<u> </u>	1200		20	1 '	REC - A-125
REC - E-121	REC - E-127 TV/REC - E-123	<u></u> !	1			465	17	<b>18</b>			1000	20	1 1 '	REC - FRIDGE A-125
TV/REC - E-123	TY/REC - E-123	20	1	800			19	20	1200	<u></u> '		20		REC - COPIER A-125
REC - E-123		20	1		1200		21	22		1200		<u> </u>		
REC - E-124	75.0	20	1			900	23	24			1000	20	<u> </u>	REC - A-127
TV/REC - E-128	REC - E-123	20	1	1200			25	26	800		<u> </u>	20	1 1	TY/REC - A-127
REC - E-128		20	1		200			28		800		20	1 '	· · · · · · · · · · · · · · · · · · ·
REC - E-129/130	IV/REC - E-128	20	1			800	29	30		1'	800	20	<u>  1  </u> '	TV/REC - A-132 AD
REC - E-132	REC - E-128	20	1	1200					400			20/		REC VA-130
TV/REC - E-132	REC - E-129/130	20	1		200		_	_		800			1 '	· ·
REC - E-132	REC - E-132	20	1			400	35	36			400	120	<u>~~</u>	REC-EXTERIOR
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       41       48       20       1       SPARE         LTG - E-121/123       20       1       1096       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       288       53       54       196       20       1       LTG - MECH ROOM         SPARE       20       1       55       56       1440       20       1       LTG - A-121/132         SPARE       20       1       51       58       20       1       SPARE         SPARE       20       1       59       60       20       1       SPARE         SPARE       20       1       59       60       <	1 1	20	1	800			_			<u> </u>	<u> </u>		<u> </u>	
SPARE       20       1       43       44       528       20       1       TEF-6         SPARE       20       1       45       46       528       20       1       TEF-1         SPARE       20       1       41       48       20       1       SPARE         LTG - E-121/123       20       1       1096       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       288       53       54       196       20       1       LTG - MECH ROOM         SPARE       20       1       55       56       1440       20       1       LTG - A-127/132         SPARE       20       1       51       58       20       1       SPARE         SPARE       20       1       59       60       20       1       SPARE         SPARE       20       1       59       60       20       1       SPARE         SPARE       20       1       59       60       20 <t< td=""><td>REC - E-132</td><td>20</td><td>1</td><td></td><td>1200</td><td></td><td>39</td><td>40</td><td></td><td>528</td><td></td><td>20</td><td>1 '</td><td>TEF-4</td></t<>	REC - E-132	20	1		1200		39	40		528		20	1 '	TEF-4
SPARE       20       1       45       46       528       20       1       TEF-T         SPARE       20       1       1096       41       48       20       1       SPARE         LTG - E-127/123       20       1       1096       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       288       53       54       196       20       1       LTG - MECH ROOM         SPARE       20       1       55       56       1440       20       1       LTG - A-127/132         SPARE       20       1       51       58       20       1       SPARE         SPARE       20       1       59       60       20       1       SPARE         3PARE       1026       6104       3853       8658       1716       4724	PARE	20	1		<u> </u>		41	42	<u></u> '	<u> </u>	528	20	<u> </u>	TEF-5
SPARE       20       1       41       48       20       1       SPARE         LTG - E-127/123       20       1       1096       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       288       53       54       196       20       1       LTG - MECH ROOM         SPARE       20       1       55       56       1440       20       1       LTG - A-127/132         SPARE       20       1       51       58       20       1       SPARE         SPARE       20       1       59       60       20       1       SPARE         SPARE       20       1       59       60       20       1       SPARE	PARE	20	1				43	44	528		<u></u>	20	<u>  1 '</u>	TEF-6
LTG - E-127/123	PARE	20	1				45	46		528	<u></u>	20	<u> </u>	TEF-1
LTG - E-128/132	PARE	20	1				47	48			<u></u>	20	1_'	SPARE
LTG - E-122       20       1       288       53       54       196       20       1       LTG - MECH ROOM         SPARE       20       1       55       56       1440       20       1       LTG - A-127/132         SPARE       20       1       51       58       20       1       SPARE         SPARE       20       1       SPARE         T026       6104       3853       8658       TT16       4T24	TG - E-127/123	20	1	1096			49	50	1362		7	20	1 '	LTG - A-140/142
SPARE         20         1         55         56         1440         20         1         LTG - A-127/132           SPARE         20         1         57         58         20         1         SPARE           SPARE         20         1         SPARE         3658         1716         4724	_TG - E-128/132	20	1		1168		51	52		1060	<b>'</b>	20	1_'	LTG - CORR.
SPARE         20         1         51         58         20         1         SPARE           SPARE         20         1         SPARE         20         1         SPARE           T026         6104         3853         8658         TTI6         4T24         4T24	_TG - E-122	20	1			288	53	54			196	20	1 '	LTG - MECH ROOM
SPARE     20     1     SPARE     59     60     SPARE       1026     6104     3853     8658     1116     4124	PARE	20	1				55	56	1440		7	20	1 '	LTG - A-127/132
7026 6104 3853 8658 7716 4724	PARE	20	1				57	58				20	1_'	SPARE
	PARE	20	1				59	60				20	1 1 '	SPARE
A= 15,684				7026	6104	3853			8658	7716	4724			45.4.2.4
	NOTE: REFER TO GENERA			л										13,820

	TOTAL KW: 64.8		ENCL	OSURE:	NEMA	<u></u>	PHA	SE:	3¢			YOLT,	4GE:	120 / 208
	MOUNTING: SURFACE		BUSSI	NG: CC	PPER		FAU	_T CI	JRREN	T RATIN	NG: 22,0	000	AIC	MLO(AMPS): 225
	FEEDER: 4 *4/Ø 4 1 *4	GRD.	- 2-1/2"	C.			LOC	ATIC	N: ELE	C B-12	2			
			/B		LOAD	)				LOAD			C/B	
	LOAD DESCRIPTION	TRIP	POLE	Дф	B¢	C¢	CCT	. NO.	Дф	B♦	Cŧ	TRIP	POLE	LOAD DESCRIPTION
	REC - BOTTLE FILLER	20	1	800			1	2	800			20	1	REC - B-103
	REC - BOTTLE FILLER	20	1		800		3	4		800		20	1	TV/REC - B-103
	REC - B-122/121	20	1			400	5	6			1200	20	1	REC - B-103
	REC - B-123/124	20	1	400			٦	8	600			20	1	REC - B-106
	CH-1 - BIØ1	20	1		330		9	10		800		20	1	TV/REC - B-106
	REC - B-107	20	1			1400	11	12			600	20	1	REC - B-105
	REC - B-118	20	1	1000			13	14	600			20	1	REC - B-108
	REC - 8120	20	1		1000		15	16		800		20	1	TY/REC - B-108
	REC - FRIDGE B-120	20	1			1000	17	18			1200	20	1	REC - B-108
	REC - COPIER - B-120	20		1200			19	20	600			20	1	REC - B-109
			2		1200		21	22		800		20	1	TY/REC - B-109
	REC - B-117					1200	23	24			1200	20	1	REC - B-109
	REC - B-117	20	1	1200			25	26	600			20	1	REC - B-110
_	REC - 8-117	20	1		1000		27	28		800		20	1	TY/REC - B-110
	TV - B-115	20	1			500	29	30			1200	20	1	REC - B-110
/	REC - B-115	20	1	1200			31	32	800			20	1	TY/REC - B-III
	REC - B-115	20	1		800		33	34		600		20	1	REC - B-111
	TY/REC - B-115	20	1			800	35	36			900	20	1	TY/REC - B-112
	REC - RANGE B-115	40		3328			37	38	1600			20	1	REC - MWAVE
			2		3328		39	40		1200		2Ø		REC - COPIER
	REC - MWAYE B-115	20	1			1600	41	42			1200		2	
	PROJECTOR - B-117	20	1	600			43	44	600			20	1	REC - B-112
	FC-2 - B-106	20	1		330		45	46		1000		20	1	REC - COFFEE B-112
	REC - EXTERIOR	20	1			400	47	48			3328	40		REC - RANGE B-112
	LTG - RR/CORR	20	1	917			49	50	3328			1	2	
	LTG - B-118/119/120	20	1		440		51	52		1600				REC - MWAVE B-112
	LTG - B-117	20	1			1012	53	54			1000	20		REC - VENDING B-112
	LTG - B-115/116	2Ø	1	784			55	56	1000			2Ø	1	REC - YENDING B-112
	LTG - UNIT B	20	1		1034		57	58		1000		20	1	REC - FRIDGE B-112
	LTG - UNIT B	20	1			1152	59	60			1920	3Ø	1	TEF - 14
	LTG - UNIT B	20	1	848			61	62				2Ø	1	SPARE
	SPARE	20	1				63					20	1	SPARE
	SPARE	20					63	66				20	1	SPARE
,	REC - B-115	20	1	400			67	68				20	1	SPARE
•	REC - B-115	20	1		400		69					20	1	SPARE
(	REC - B-115	20	1			400	71	1/2				20	1	SPARE
×	SPARE	200					73					20	1	SPARE
	SPARE	20	1				75	76				20	1	SPARE
	SPARE	20	1				77	78				20	1	SPARE
	SPACE						79	80						SPACE
	SPACE						81	82						SPACE
	SPACE						83	84						SPACE
		•	•	11429	10262	9464			10528	9400	13748		•	
							j			12122	1.2 1.40	ı	<b>A</b> =	21,957
	*PROVIDE 2 TUB PANEL													19,662
	NOTE: REFER TO GENER			1									C=	·

TOTAL KW: 38.9		ENCL	OSURE:	: NEMA	<u>Δ-1</u>	PHA	SE:	3¢			YOLT.	AGE:	120 / 208
MOUNTING: SURFACE				PPER		_			RATIN	NG: 22,0			MLO(AMPS): 200
FEEDER: 4 *3/0 4   *6	GRD.					-		N: TR		•			
	•	7/B		LOAD	ı				LOAD			C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	Bø	C¢	lcct	. NO.	Дф	Bø	C¢	TRIP	POLE	LOAD DESCRIPT
REC - A-118	20	1	800			1	2	1000	-		20	1	REC - A-122
TV/REC - A-118	20	1		1100		3	4		500		20	1	TV - A-122
REC - A-118	20	1			1200	5	6			1200	20	1	REC - A-121
REC - A-112	20	1	1200			7	8	500			20	1	TV - A-121
T∨- A -112	20	1		500		9	10		1400		20	1	REC - A-102
REC - A-111	20	1			1200	11	12			1000	20	1	REC - A-103/110
TV- A-III	20	1	500			13	14	500			20	1	REC - A-103
REC - A-109	20	1		1200		15	16		800		20	1	REC - A-110
REC - COPIER	20				1200	17	18			200	20	1	REC - A-113
		2	1200			19	20	600			20	1	JB - TC PNL - A-113
REC - FRIDGE RM A-108	20	1		1200		21	22		400		20	1	REC - A-114/115
REC - A-108	20	1			400	23	24			800	20	1	BOTTLE FILLER
REC - A-107	20	1	800			25	26	1200			20	1	REC - RM A-104
TY/REC - A-107	20	1		800		27	28		1200		20	1	REC - FRIDGE RM A
TV/REC - A-106	20	1			500	29	30			600	20	1	REC - A-104
REC - A-106	20	1	1200			31	32	200			20	1	REC - A-105
REC - PRINTER A-103	20	1		1200		33	34		33Ø		20	1	JB - CH-2
REC - A-103	20	1			800	35	36				20	1	SPARE
REC - EXTERIOR	20	1	400			37	38	1200			20	1	DOOR OPER - A-116
DOOR OPER - A-101	20	1		1200		39	40		530		20	1	CH-1 - A-116
DOOR OPER - A-101	20	1			600	41	42			435	20	1	LTG - OFFICE
TEF-1	20	1	528			43	44	392			20	1	LTG - OFFICE
<b>TEF-2</b>	20			520		45	46		500		20	1	LTG - CLINIC
REC - A-108	20	1			400	47	¥8			1002	20	1	LTG - CORRIDOR
REC - A-108	20	1	400			49	50	958			2Ø	1	LTG - CR & OFFICE
REC - A-108	20	1		400		51	<b>5</b> 2				20	1	SPARE
SPARE	262				<b>^</b>	<b>15</b> 3	154				20	1	SPARE
SPARE /	20	1				55	56				20	1	SPARE
SPARE /	20	1				57	58				20	1	SPARE
SPARE /	20	1				59	60				20	1	SPARE
AD-1	•		7028	8128	6300	J		6550	5660	5237			13,578 13,788

TOTAL KW: 98.9		ENCL	OSURE:	NEMA	4-1	PHA	SE:	3¢			YOLT.	AGE:	120 / 208
MOUNTING: SURFACE		-	NG: CC			FAU	_T Cl	IRREN	T RATIN	NG: 22,0	000	AIC	MLO(AMPS): 400
FEEDER: 4* 500 4 1 *	3 GRD	_							ZANIN	•			
		C/B		LOAD					LOAD			C/B	
LOAD DESCRIPTION	TRIP	POLE	Дφ	B¢	Cø	CCT	. NO.	Дф	B♦	Cø	TRIP	POLE	LOAD DESCRIPT
	125	'	8906			1	2	8906			125	•	
AH-1				8906		3	4		8906				AH-2
		3			8906	5	6			8906		3	
	60		4198			7	8	6297			90		
AH-1(2)				4198		9	10		6297				AH-2(2)
		3			4198	11	12			6297		3	
	60		3866			13	14	500			20	1	AH-2 LTG
CP-1				3866		15	16		500		20	1	AH-2 PWR
		3			3866	I٦	18				20	1	SPARE
AH-1 LTG	20	1	500			19	20				20	1	SPARE
AH-1 PWR	20	1		500		21	22				20	1	SPARE
UH-1	20	1			364	23	24				20	1	SPARE
SPARE	20	1				25	26				20	1	SPARE
SPARE	20	1				27	28				20	1	SPARE
SPARE	20	1				29	30				20	1	SPARE
SPACE						31	32						SPACE
SPACE						33	34						SPACE
SPACE						35	36						SPACE
SPACE						37	38						SPACE
SPACE						39	40						SPACE
SPACE						41	42						SPACE
			17470	17470	17334			15703	15703	152Ø3			
						-					-		33,173
												B=	33,173



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SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

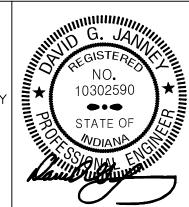
CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

KEY PLAN

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

CHECKED BY



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REVIS	IONS		
MARK	DATE	ISSUED FOR	₹
AD-1	01/26/23	ADDENDUM I	NO. 1

DRAWING
ELECTRICAL SCHEDULES

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

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E-601

TOTAL KW: 362		ENCL	OSURE:	NEMA	7-1	PHA	SE:	3 <b>¢</b>			YOLT	AGE:	120 / 208
MOUNTING: SURFACE		BUSSI	NG: CC	PPER		FAU	LT C	URREN1	RATIN	NG: 22,0	000	AIC	MCB(AMPS): 200
FEEDER: 4 *3/0 4 1 *6	GRD.	- 2'C.				LOC	ATIC	N: ER	B-219				
		2/B		LOAD					LOAD			C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B∳	Cþ	CCT	. NO.	Дф	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
	60		2,644			٢	8	1200			2Ø	1	DATA RACK A - B119
EM-TECHI				2,300		9	10		1500		30		MDF A - B119
		3			2,344	11	12			1500		2	
	60		2,644			13	14	1200			20	1	DATA RACK B - BII9
EM-TECH2				2,300		15	16		1500		30		MDF B - BII9
		3			2,344	П	18			1500		2	
	60		2,644			19	20				20	1	SPARE
EM-TECH3				2,300		21	22		1144		30		AC/CU-2
		3			2,344	23	24			1144		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
SPACE						31	32						SPACE
SPACE						33	34						SPACE
SPACE						35	36						SPACE
SPACE						37	38						SPACE
SPACE						39	40						SPACE
SPACE						41	42						SPACE
			<b>7932</b>	6900	7Ø32			3600	5344	5344			-

OTAL KW: 29.4		ENCL	OSURE:	NEMA	4-1	PHA	SE:	3 <b>¢</b>			YOLT	AGE:	120 / 208
10UNTING: SURFACE		Bussi	NG: CC	PPER		FAUL	LT CL	JRREN1	RATIN	NG: 22,0	000	AIC	MLO(AMPS): 100
EEDER: 4*2 4 1 * GR	D - 1-1 <i>i</i>	2 <b>'</b> C				LOC	ATIC	N: ELE	C D-16	<b>7</b> 5			
		:/B		LOAD					LOAD		(	C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B♦	C¢	CCT	. NO.	Дф	B∳	Cþ	TRIP	POLE	LOAD DESCRIPTION
TY/REC - D-110	20	1	800			1	2	600			20	1	REC - D-102
REC - D-110	20	1		800		3	4		1200		20		REC - COPIER - D-106
REC - D-110	20	1			1200	5	6			1200		2	
TY/REC - D-III	20	1	800			٢	8	600			20	1	REC - PAPER CUT - D-
REC - D-111	20	1		800		9	10		600		20	1	REC - BIND MACH - D-
REC - D-III	20	1			1200	11	12			600	20	1	REC - CUT MACH - D-16
TV/REC - D-109	20	1	800			13	14	600			20	1	REC - POSTER - D-106
REC - D-109	20	1		800		15	9		1000		20	1	REC - PRINT - D-106
REC - D-109	20	1			1200	ī	18				20	1	SPARE
TY/REC - D-108	20	1	800			19	20	400			20	1	REC - D-105/D-106
REC - D-108	20	1		800		21	22		33Ø		20	1	CH-1 - DIØ1
REC - D-108	20	1			1200	23	24			728	20	1	FC-4 - D-106
TY/REC - D-107	20	1	800			25	26	200			20	1	REC - EXTERIOR
REC - D-107	20	1		800		27	28		600		20	1	PROJECTOR - D-112
REC - D-107	20	1			1200	29	30				20	1	SPARE
REC - D-112	20	1	600			31	32	1159			20	1	LTG - D-112
EXTERIOR LTG UNIT A	2Ø	1		108		33	34		976		20	1	LTG - D-112
EXTERIOR LTG UNIT B	20	1			29	35	36			1152	20	1	LTG - D-110/111
EXTERIOR LTG UNIT D	20	1	420			37	38	1152			20	1	LTG - D-108/109
EXTERIOR LTG UNIT E	20	1		30		39	40		800		20	1	LTG - D-106/107
PARE	20	1				41	42			336	20	1	LTG - D-102
			5020	4138	6029			4711	5506	4016			
		,				•						<b>∆</b> =	9,731

TOTAL KW: 10.9		ENCL	OSURE:	: NEM/	<b>4-1</b>	PHA	YSE:	3¢			VOLTA	4GE:	120 / 208
MOUNTING: SURFACE		BUSSI	NG: CC	PPER		FAU	LT CI	JRREN	RATIN	lG: 22,0	000	AIC	MLO(AMPS): 60
EEDER: 4 *6 4 1 *10 0	#RD	1 <b>'</b> C.				LOC	ATIC	N: MEC	CHANIC	AL A-	136		
	C	C/B		LOAD					LOAD			B	
LOAD DESCRIPTION	TRIP.	POLE	Дф	B¢	Cø	CCT	. NO.	Дф	B♦	C¢	TRIP	POLE	LOAD DESCRIPTION
SPRINKER BELLS	20	1	200			1	2	1512			20	1	UV-2 - RM A-118
EM NIGHT LGT - UNIT A	20	1		1140		3	4		1236		20	1	UV-1 - RM A-119
EM LGT - UNIT A	20	1			246	5	6			1512	20	1	U∨-2 - RM A-12Ø
EM LGT - UNIT A	20	1	512			٦	8	1512			20	1	UY-2 - RM A-142
EM EXTERIOR LGT UNIT A	20	1		176		9	10		1512		20	1	U∨-2 - RM A-140
EXIT SIGNS UNIT A	20	1			187	11	12				20	1	SPARE
FACP	20	1	600			13	14				20	1	SPARE
FACP	20	1		600		15	16				20	1	SPARE
SPARE	20	1				17	18				20	1	SPARE
SPARE	20	1				19	20				2Ø	1	SPARE
SPARE	20	1				21	22				20	1	SPARE
SPARE	2Ø	1				23	24				2Ø	1	SPARE
			1312	1916	433			3024	2748	1512			
						_					•	<b>A</b> =	4,336
													4,664
NOTE: REFER TO GENER	AL NO	TE 'B'	]										1,945
FOR ADDITIONAL INFORM	•										Ť		10,945

TOTAL KW: 7.3		ENCLO	SURE:	NEM/	<b>\-</b> 1	PHA	SE:	3¢			YOLT,	4GE:	120 / 208
MOUNTING: SURFACE		BUSSI						JRREN1	RATIN	IG: 22,6			MCB(AMPS): 60
FEEDER: 4 *6 4 1 *10 (	GRD	1'C.				LOC	ATIC	N: TRI	D-103				
		C/B		LOAD					LOAD			C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B♦	Cø	CCT	. NO.		B¢	Cø	TRIP	POLE	
SPARE	20	1				1	2	1500			30		D103 - IDF
DIØ3 - RECEPS	20	1		800		3	4		1500			2	
DIØ3 - DATA RACK	20	1			1200	5	6			1144	30		AC-CU-1
SPARE	20	1				٦	8	1144				2	
SPARE	20	1				9	10				20	1	SPARE
SPARE	20	1				11	12				20	1	SPARE
SPACE						13	14						SPACE
SPACE						15	16						SPACE
SPACE						17	18						SPACE
SPACE						19	20						SPACE
SPACE						21	22						SPACE
SPACE						23	24						SPACE
	•		Ø	800	1200			2644	1500	1144			-
		,	-	•	•	•					•	<b>A</b> =	2,644
													2,300
NOTE: REFER TO GENER	RAL NO	TE 'B'											2,344
FOR ADDITIONAL INFORM	MATION	l									Ť		7,288

FOR ADDITIONAL INFORMATION											T	OTAL=	7,288	
			NE	W	P	AN	E	LE	M-	TE	СН	2		
TOTAL KW: 7.3		ENCLO	SURE:	NEMA	<b>\-</b> 1	PHA	SE:	3¢			VOLTA	AGE:	120 / 208	
MOUNTING: SURFACE				PPER		FAU	_T Cl	JRREN	RATIN	NG: 22,9	000	AIC	MCB(AMPS):	60
FEEDER: 4 *6 4 1 *10 0	FRD	1 <b>'</b> C.				LOC	ATIC	N: TEC	HNOLO	XGY E	-108			
		/B		LOAD					LOAD			/B		
LOAD DESCRIPTION	TRIP	POLE	Дф	B¢	Cø	CCT	. NO.	Дф	B¢	Cþ	TRIP	POLE		CRIPTION
SPARE	20	1				1	2	1500			30		E-108 - IDF	
E-108 - RECEPS	20	1		800		3	4		1500			2		
E-108 - DATA RACK	20	1			1200	5	6			1144	3Ø		AC-CU-1	
SPARE	20	1				٦	8	1144				2		
SPARE	20	1				9	10				20	1	SPARE	
SPARE	20	1				11	12				20	1	SPARE	
SPACE						13	14						SPACE	
SPACE						15	16						SPACE	
SPACE						П	18						SPACE	
SPACE						19	20						SPACE	
SPACE						21	22						SPACE	
SPACE						23	24						SPACE	
	-		Ø	800	1200			2644	1500	1144			-	
		•				_					_	<b>A</b> =	2,644	
												B=	2,3 <i>00</i>	
NOTE: REFER TO GENER	RAL NO	TE 'B'										C=	2,344	
FOR ADDITIONAL INFORM	1ATION										Ť	OTAL=	7,288	

				NE	W	P	Ά	NEI	L E	:1			
TOTAL KW: 36.2	ENCL	OSURE:	NEMA	<u>1</u> -1	PHA	SE:	3¢			YOLT,	AGE:	120 / 208	
MOUNTING: SURFACE		BUSSI	NG: CC	PPER		FAU	LT CL	JRREN	T RATIN	NG: 22,6	000	AIC	ML <i>O(A</i> MPS): 225
FEEDER: 4 *4/0 4 1 *4	GRD.	- 2-1/2"	C.			LOC	ATIC	N: TEC	HNOLO	XGY E-	108		
		C/B		LOAD					LOAD			C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B♦	Cþ	CCT	. NO.	Дф	B♦	C¢	TRIP	POLE	LOAD DESCRIPTION
REC - E-133	20	1	600			1	2	600			20	1	REC - E-121
TV/REC - E133	20	1		800		3	4		800		20	1	TV/REC - El21
REC - E-133	20	1			1200	5	6			1200	20	1	REC - E-121
REC - E-113	20	1	600			٦	8	600			20	1	REC - E-120
TY/REC - E-113	20	1		800		9	10		800		20	1	TY/REC - EI20
REC - E-113	20	1			1200	11	12			1200	20	1	REC - E-120
REC - E-114	20	1	600			13	14	600			20	1	REC - E-119
TV/REC - E-114	20	1		800		15	16		800		20	1	TY/REC - EII9
REC - E-114	20	1			1200	ΙT	18			1200	20	1	REC - E-119
REC - E-115	20	1	600			19	20	600			20	1	REC - E-118
TY/REC - E-115	20	1		800		21	22		800		20	1	TY/REC - Ella
REC - E-115	20	1			1200	23	24			1200	20	1	REC - E-118
REC - E-110/111	20	1	400			25	26	600			20	1	REC - E-117
REC - E-1002/109/112	20	1		600		27	28		800		20	1	TY/REC - EIIT
REC - E-105/106/107	20	1			600	29	30			1200	20	1	REC - E-117
CH-1	20	1	1060			31	32	1176			20	1	TEF-8
FC -1	20	1		530		33	34		528		20	1	TEF-9
FC-5	20	1			728	35	36				20	1	SPARE
FC-5	20	1	728			37	38	1152			20	1	LGT - E-120/121
SPARE	20	1	T			39	40		1152		20	1	LGT - E-118/119
SPARE	20	1				41	42			1152	20	1	LGT - E-117/115
SPARE	20	1				43	44	1152			20	1	LGT - E-113/114
SPARE	20	1				45	46		576		20	1	LGT - E-133
SPARE	20	1				47	48		1	1229	20	1	LGT - CORR,RR, OFFIC
SPARE	20	<u> </u>				49	50				20	1	SPARE
SPARE	20	1				51	52				20	1	SPARE
SPARE	20	1				53	54				20	1	SPARE
SPARE	20	1				55	56				20	1	SPARE
SPARE	20	<u> </u>	1			57	58				20	1	SPARE
SPARE	20	1				59	60				20	1	SPARE
<u> </u>		'	4588	4330	6128	<del>اٽ</del>		6490	6256	8381	<del></del>	'	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1

NOTE:	REFER TO	GENERAL	NOTE	'B'
FOR A	DDITIONAL	_ INFORMA	TION	

NOTE: REFER TO GENERAL NOTE 'B' FOR ADDITIONAL INFORMATION

A= 11,068 B= 10,586 C= 14,509 TOTAL= 36,163

B= 32,463

C= 36,039

TOTAL = 100,788

FOTAL KW: 100.8		ENCL	OSURE:	NEMA	4-1	PHA	SE:	3¢			YOLT,	4GE:	120 / 208	
MOUNTING: RECESSED		BUSSIN	VG: CC	PPER		FAUL	_T Cl	IRREN	RATIN	VG: 22,0	000	AIC	MLO(AMPS):	400
EEDER: 4* 500 4 1 *3	GRD	- 3-1/2	<u>'</u> C			LOC	ATIO	N: KITO	SHEN D	)-11 <del>5</del>				
		C/B		LOAD					LOAD			(A)		
LOAD DESCRIPTION	TRIP	POLE	Дф	B♦	Cø	CCT	. NO.	Дф	B♦	C¢	TRIP	POLE	LOAD DE	SCRIPTION
REC - LOCKER AREA	20	1	800			1	2	385			20			
65 - DRYER	30			2496		3	4		385		]		*19 - GARBA	SE DISP.
	<u> </u>	2			2496	5	6			385		3		
65 - WASHER	20	1	1920			٦	8	1920			20	1	#14 - ISLAND	WORKTAB
REC - OFFICE D-118	20	1		1000		9	10		1920		20	1	#14 - ISLAND	WORKTAB
24 - ICE MAKER	20	1			1380	11	12			1920	20	1	#14 - ISLAND	WORKTABI
DR2 - CONY.	20	1	1920			13	14	1920			20	1	#14 - ISLAND	WORKTAB
26 - MICROWAVE	20	1 7		1608		15	16		1920		20	1	#17 - ISLAND	WORKTABL
DRI - DRY STORAGE	2Ø	1			1920	IΤ	18			1920	20	1	#17 - ISLAND	
16 - HAND SINK	20	1	720			19	20	1920			20	1	#17 - ISLAND	
SPARE	20	1				21	22		1920		20	1	#17 - ISLAND	
SPARE	20	1				23	24			1200	20	1	*30 - EXHAU	ST HOOD
	20		385			25	26	812			20		*28 - HEATED	CABINET
49 - GARBAGE DISP.	l			385		27	28		812			2		
		3			385	29	30			840	20	1	*29 - FRIDGE	
68 - MILK COOLER	20	1	324			31	32	1560			20		#35 - COMBI	OYEN
69 - HOT SERY. CTR.	20	1		1920		33	34		1560			2		
70 - DROP-IN HOT/COL	D 2Ø				1498	35	36			1560	20		#35 - COMBI	OYEN
		2	1498			37	38	1560				2		
71 - SELF SERVE	20	1		720		39	40		1200		20	1	#37 - TILT SK	ILLET
712 - COLD SERVE CTR	20	1			1920	41	42			948	20	1	*40 - CONVE	CTION OVE
73 - DROP-IN COLD	20	1	1020			43	44	948			20	1	*40 - CONVE	
74 - DROP-IN HOT/COL	20	1 ]		720		45	46		600		20	1	#31 - FIRE SUF	PP SYS.
75 - DRY GOODS CTR.	20	1			1920	47	48			840	20	1	*29 - FRIDGE	
76 - ICE CREAM FRZ.	20	1 1	240			49	50	812			20		*28 - HEATED	CABINET
85 - DRY GOODS CTR	20	1		1920		51	52		812			2		
82 - COLD SERVE CTR	20				1920	53	54			600	20	1	KEC CONTRO	
83 - DROP-IN COLD	20	<u> </u>	1020			55	56	720			20	1	#16 - HAND S	
84 - SELF SERVE	20	<u> </u>		720		57	58		720		20	1	*16 - HAND S	
79 - HOT SERY. CTR.	20	1			1920	59				600	20	1	REC - SERVI	
1800 - DROP-IN HOT/COL	D 20	_	1498			61	62	800			20	1	TY'S - SERYI	
	<u> </u>	2		1498		63	64		800		20	1	REC - SERVI	
81 - DROP-IN COLD	20				720	65	66			1200	20	1	O.H. ROLLING	
78 - MILK COOLER	20	<u> </u>	324			67	68	1920	_		20	1	*DR2 - CAFE	
187 - POS	20	<u> </u>		1920		69	70		800		20	1	TV'S - CAFE	
87 - P08	20	<u> </u>			1920	71	72			1920	20	1	*DR2 - CAF?	
	45		4107			73	74				20	1	SPARE	
52 - DISH DRYER	l			4107	ļ	75	76				20	1	SPARE	
	<u> </u>	3			4107	דד	35				20	1	SPARE	
TG - KITCHEN	20	<u> </u>	1233			79	80						SPACE	
SPARE	20	<u> </u>				81	82						SPACE	
SPARE	20	1				83	84						SPACE	

SPARE         20         1         800         1         2         1500         30         4-123 - IDF           A-123 - RECEPS         20         1         800         3         4         1500         2         4-123 - IDF           A-123 - DATA RACK         20         1         1200         5         6         1144         30         4C-CU-1           SPARE         20         1	TOTAL KW: 7.3		ENCLO	OSURE:	: NEM/	<b>1</b> -1	PHA	SE:	3 <b>¢</b>			VOLTA	4GE:	120 / 208	
C/B   LOAD   LOAD   C/B   LOAD   DESCRIPTION   C/B   LOAD   DESCRIPTION   C/B   LOAD   DESCRIPTION   C/B   LOAD   DESCRIPTION   C/B   C/B	MOUNTING: SURFACE BUSS			NG: CC	PPER		FAUL	_T Cl	JRRENT	RATIN	VG: 22,0	000	00 AIC MCB(AMPS): 60		
LOAD DESCRIPTION   TRIP   POLE   A4   B4   C4   CCT. NO.   A4   B4   C4   TRIP   POLE   LOAD DESCRIPTION	FEEDER: 4 *6 4 1 *10 (	GRD	1'C.				LOC	ATIC	N: TR	A-123					
SPARE         20         1         1         2         1500         30         A-123 - IDF           A-123 - RECEPS         20         1         800         3         4         1500         2           A-123 - DATA RACK         20         1         1200         5         6         1144         30         AC-CU-1           SPARE         20         1         1         8         1144         2         1         SPARE           SPARE         20         1         11         12         20         1         SPARE           SPACE         13         14         14         14         SPACE         SPACE           SPACE         15         16         16         SPACE         SPACE           SPACE         19         20         SPACE         SPACE           SPACE         21         22         SPACE         SPACE           SPACE         23         24         SPACE         SPACE			/B		LOAD					LOAD			/B		
A-123 - RECEPS 20 1 800 3 4 1500 2 A-123 - DATA RACK 20 1 1200 5 6 1144 30 AC-CU-1 SPARE 20 1 7 8 1144 2 SPARE 20 1 9 10 20 1 SPARE SPARE 20 1 11 12 20 1 SPARE SPACE 13 14 SPACE SPACE 15 16 SPACE SPACE 17 18 SPACE SPACE 19 20 SPACE SPACE 21 22 SPACE SPACE 32 24 SPACE	LOAD DESCRIPTION	TRIP	POLE	Дф	B♦	C¢	CCT	. NO.	Дф	B♦	C¢	TRIP	POLE		
A-123 - DATA RACK 20 1 1200 5 6 1144 30 AC-CU-1 6PARE 20 1 7 8 1144 2 6PARE 20 1 9 10 20 1 6PARE 6PARE 20 1 11 12 20 1 6PARE 6PACE 13 14 6 6PACE 6PACE 15 16 6 6PACE 6PACE 17 18 6PACE 6PACE 17 18 6PACE 6PACE 19 20 6PACE 6PACE 21 22 6PACE 6PACE 22 23 24 6PACE	SPARE	20	1				1	2	1500			30		A-123 - IDF	
SPARE         20         1         7         8         1144         2           SPARE         20         1         9         10         20         1         SPARE           SPACE         20         1         11         12         20         1         SPARE           SPACE         13         14         9	A-123 - RECEPS	20	1		800		3	4		1500			2		
SPARE         20         1         9         10         20         1         SPARE           SPARE         20         1         11         12         20         1         SPARE           SPACE         13         14         SPACE         SPACE           SPACE         17         18         SPACE           SPACE         19         20         SPACE           SPACE         21         22         SPACE           SPACE         23         24         SPACE	A-123 - DATA RACK	20	1			1200	5	6			1144	30		AC-CU-1	
SPARE         20         1         11         12         20         1         SPARE           SPACE         13         14         SPACE         SPACE           SPACE         15         16         SPACE         SPACE           SPACE         19         20         SPACE           SPACE         21         22         SPACE           SPACE         23         24         SPACE	SPARE	20	1				٦	8	1144				2		
SPACE         13         14         SPACE           SPACE         15         16         SPACE           SPACE         17         18         SPACE           SPACE         19         20         SPACE           SPACE         21         22         SPACE           SPACE         23         24         SPACE	SPARE	20	1				9	10				20	1	SPARE	
SPACE         15         16         SPACE           SPACE         17         18         SPACE           SPACE         19         20         SPACE           SPACE         21         22         SPACE           SPACE         23         24         SPACE	SPARE	20	1				11	12				20	1	SPARE	
SPACE         11 18         SPACE           SPACE         19 20         SPACE           SPACE         21 22         SPACE           SPACE         23 24         SPACE	SPACE						13	14						SPACE	
SPACE         19 20         SPACE           SPACE         21 22         SPACE           SPACE         23 24         SPACE	SPACE						15	16						SPACE	
SPACE         21         22         SPACE           SPACE         23         24         SPACE	SPACE						П	18						SPACE	
SPACE 23 24 SPACE	SPACE						19	20						SPACE	
	SPACE						21	22						SPACE	
0 800 1200 2644 1500 1144	SPACE						23	24						SPACE	
1 0   000   1200   12044   1300   1144		•		Ø	800	1200			2644	1500	1144				
A= 2644														2,300	



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SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

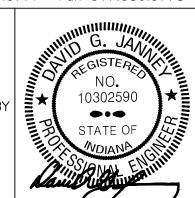
CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

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

DRAWING ELECTRICAL SCHEDULES

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

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E-602

	1	TCHEN EQUIF	141 <b>—14</b> I		<b></b>	EC	• 17	-		<b>~ -</b>	
		DESCRIPTION	SOURCE								REMARKS
ITEM NUMBER	<u> </u>	SU-STUB UP		AGE.		ဖွာ		띘	 		
	QUANTIT	NIKEC = NOT IN KITCHEN EQUIPMENT CONTRACT	1	VOLT		A A A A A A	<u>L</u>	PHA9E	ON NO.	<b>₩</b>	
		WALK-IN COOLER/FREEZER	KOLPAK		<b>*</b>	-		<b>W</b> _			CIRCUIT REQUIRED AT EACH DOOR
1	1		CUSTOM .	120		16.0		1	D	DFA	
2	1	WALK-IN COOLER COIL	PART OF ITEM #	120		5.0		1	D	DFA	REFER TO COOLER/FREEZER DWG. K400
3	1	WALK-IN COOLER	PART OF ITEM #	208		10.9	1.50	3	D	ROOF	REFER TO COOLER/FREEZER DWG. K400
_		COMPRESSOR  WALK-IN FREEZER	PART OF ITEM #	208		9.0		1	D	DFA	REFER TO COOLER/FREEZER DWG. K400
T	1	COIL WALK-IN FREEZER	PART OF ITEM #	120		15.0		1	P	96	FOR DRAIN LINE HEAT TAPE. NEMA 5-15F
8	1	COMPRESSOR		208		19.5	3.50	1	D	ROOF	PETER DUG. NAME
14	1	ISLAND WORK TABLE W/ 2 COMP PREP SINK	CUSTOM ST.STL.	120		16.0		1	P	su	FIXTURE MOUNTED DCO - 4 LOCATIONS
16	4	HAND SINK FAUCET	T#S BRASS SEF-ID-WG	120		6.0		1	P	16	-
17	1	ISLAND WORK TABLE W/	custom	120		16.0		1	P	su	FIXTURE MOUNTED DCO - 4 LOCATIONS
••	•	PREP SINKS  GARBAGE DISPOSAL	ST.STL. IN-SINK-ERATOR					<u> </u>	1		EXTEND SERVICE TO K.E.C. FURNISHED
19	1		SS-200-7/AS-101	208		3.2		3	Þ	su	CONTROL PANEL
21	1	COUNTERTOP MIXER  W/ STAND	HOBART HL200-16TD	120		8.0		1	P	*	PLUG INTO ISLAND WORKTABLE
22	1	SLICER	HOBART HS8-1	120		5.4		1	P	*	PLUG INTO ISLAND WORKTABLE
24	1	ICE MAKER W/ BIN	MANITOWOC	120		11.5		1	D	66	-
		MICROWAVE	PANASONIC								
26	1	SINGLE DOOR REACH-IN	NE-1064F TRAULSEN	120		13.4		1	P	24	NEMA 5-15P
28	2	HEATED CABINET	AHF132W-FHS	208		7.8		1	P	85	NEMA L14-20P MOUNTED IN SOFFIT ABOV
29	2	SINGLE DOOR REACH-IN REFRIGERATOR	TRAULSEN AHTI32WUT-FHS	120		7.0		1	P	78	NEMA 5-15P MOUNTED IN SOFFIT ABOVE
30	1	EXHAUST HOOD	CUSTOM								SEE SHEET K500 FOR ADDITIONAL DET
	1	FIRE SUPPRESSION SYSTEM	ST.STL. CUSTOM						-		SEE SHEET K500 FOR ADDITIONAL DET,
31	I .	FIRE PULL BOX	ST.STL.								
32	1		ST.STL.								SEE SHEET K500 FOR ADDITIONAL DET
33	1	COOKLINE EXHAUST FAN	CUSTOM ST.STL.								SEE SHEET K500 FOR ADDITIONAL DET
34	1	COOKLINE MAKE UP AIR FAN	CUSTOM						<u> </u>		SEE SHEET K500 FOR ADDITIONAL DETA
35	1	COMBI OVEN/STEAMER	ST.STL. RATIONAL	208		15.0		1	D	48	-
	•	DBL STACK  40 GALLON TILT	ICC 6-FULL/ICC 6-FULL CLEVELAND	208		15.0		1	D	24	- 
37	1	SKILLET	SGL4ØTI	120		10.0		1	P	16	NEMA 5-15P
40	1	DOUBLE STACKED CONVECTION OVEN	SOUTHBEND SLGB/22SC	120		7.9		1	P	16	NEMA 5-15P (1) REQUIRED PER OVEN
49	1	GARBAGE DISPOSAL SYSTEM	IN-SINK-ERATOR	208		3.2		3	D	16	EXTEND SERVICE TO K.E.C. FURNISHED CONTROL PANEL.
51		DISH MACHINE	RELOCATED	208		133.0		3	D	60	SEE ONE-LINE DIAGRAM FOR ADDITIONA
51	•	W/BOOSTER HEATER  DISH MACHINE	FROM TAFT HOBART								
52	1	BLOWER DRYER	BDELRAB-HTSDOM	208		34.2		3	D	60	PROVIDE 4 *6 4 1 *10 GRD. IN 1°C.
54	1	DISH MACHINE EXHAUST FAN	CUSTOM ST.STL.								SEE SHEET K500 FOR ADDITIONAL DET
65	1	WASHER & DRYER	BY OWNER NIKEC	120		16.0		1	D D	16	VERIFY REQUIREMENTS WITH SUPPLIER VERIFY REQUIREMENTS WITH SUPPLIER
68		MICKGOOLER	TRUE	120		2.70		-	\rac{1}{p}	Su	MEHA 3-15P POVIDE PLUSA MOUNTED
		MOBILE HOT SERVING	TMC-49-HC								RECEPTACLE IN FLOOR
69	1	COUNTER	ST. STL./ MILLWORK	120		16.0		1	P	su	DCO
70	1	DROP-IN HOT/COLD UNIT	LTI DI-QSCHP-4	12 <i>0/</i> 2 <i>0</i> 8		14.4		1	P	su	NEMA 14-20P
71	1	SELF-SERVE BREATH GUARD W/LIGHTS	VERSA-GARD	120		6.0		1	D	su	-
72	1	MOBILE COLD SERVING	CUSTOM	120		16.0		1	P	su	DCO
12		DROP-IN COLD WELL UNIT	ST. STL./ MILLWORK					<u> </u>			NEMA 5-15P
<b>73</b>	1		DI-2063TA	120		8.5		1	P	su	
74	1	SELF-SERVE BREATH GUARD W/LIGHTS	VERSA-GARD VGT	120		6.0		1	D	su	<b>-</b>
75	1	DRY GOODS SERVING COUNTER	CUSTOM .	120		16.0		1	P	su	DCO
7,	1	ICE CREAM FREEZER	ST. STL./ MILLWORK BEVERAGE AIR	120		20		1	<b>a</b>	su	NEMA 5-15P PROVIDE FLUSH MOUNTED
76		MILK COOLER	NC28HC-1-W			2.0		<u> </u>	P		RECEPTACLE IN FLOOR  NEMA 5-15P
8F	1		TMC-49-HC	120		2.7		1	P	su	
ег	1	MOBILE HOT SERVING COUNTER	CUSTOM ST. STL./ MILLWORK	120		16.0		1	P	su	DCO
80	1	DROP-IN HOT/COLD UNIT	LTI	120/ 208		14.4		1	P	su	NEMA 14-20P
		SELF-SERVE BREATH	DI-QSCHP-4 VERSA-GARD								_
81	1	GUARD W/LIGHTS	VGT	120		6.0		1	D	su	DCO
82	1	MOBILE COLD SERVING COUNTER	CUSTOM ST. STL./ MILLWORK	120		16.0		1	P	su	DCO
83	1	DROP-IN COLD WELL UNIT	LTI DI-2 <i>0</i> 63TA	120		8.5		1	a.	su	NEMA 5-15P
84	1	SELF-SERVE BREATH	VERSA-GARD	120		6.0		1	D	su	-
	•	GUARD W/LIGHTS  DRY GOODS SERVING	VG7 CUSTOM					Ļ.			DCO
85	1	COUNTER	ST. STL./ MILLWORK	120		16.0		1	P	su	
87	2	POINT OF SALE SYSTEM	BY OWNER NIKEC	120		16.0		1	P	su	DCO. DATA LINE REQUIRED.
	_	DUPLEX CONVENIENCE RECEPTACLE		120		16.0		1	P	16	-
DRI	1	INLULITACEE	· •	-	i	I		i	1		1
	1	DUPLEX CONVENIENCE RECEPTACLE		120		16.0		_	P	48	FURNISH HORIZONTAL RECEPTACLE WHEN MOUNTED ABOVE COUNTERTOP



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# TIMOTHY BALL ES ADDITION AND RENOVATIONS

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

**CONSTRUCTION SET** 03-16-22

GIBRALTAR DESIGN

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MARK	DATE	ISSUED FOR
AD-1	01/26/23	ADDENDUM NO. 1
DRAW	VING	
ELE	CTRICA	AL SCHEDULES

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