

**ADDENDUM  
NO. 3**

**May 13, 2022**

**NEW ADMINISTRATION CENTER, ALTERNATE EDUCATION AND  
RESOURCE CENTER AND RELATED WORK PROJECT  
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 April 15, 2022 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 3-1 and attached Addendum No. 3 from Gibraltar Design dated May 12, 2022 and consisting of 8 pages, Specification Section 05 73 16 - Decorative Metal Railing, Specification Section 08 14 33 - Stile and Rail Wood Doors, selected portions of Specification Section 08 71 00 - Door Hardware, and 56 drawings.

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

**1. Add:**

Specification Section 05 73 16 - Decorative Metal Railings  
Specification Section 08 14 33 - Stile and Rail Wood Doors

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

**1. BID CATEGORY NO. 1 - GENERAL TRADES**

**1. Add:**

Specification Section 05 73 16 - Decorative Metal Railings  
Specification Section 08 14 33 - Sile and Rail Wood Doors

**2. Replace:**

Selected Portions of Specification Section 08 71 00 - Door Hardware with the attached revised section.

## ADDENDUM THREE

**Addendum Three (AD.03)** to the drawings and specifications prepared by Gibraltar Design for **New Administration Center, Alternative Education and Resource Center 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 Addendum Two and include the appropriate content of same within their bid proposal.

## ADDENDUM TWO

### 1. Gibraltar Design Items 56 and 57      Sheets E-003 and ED110

- A. Sheets E-003 and ED110, referenced in Addendum Two, are included in this Addendum and revisions noted in Addendum Two apply.

## SPECIFICATIONS

### 1. Specification Section 00 01 10      Table of Contents

- A. Add new Specification Section 05 73 16, Decorative Metal Railings, to Division 5 of the Table of Contents.
- B. Add new Specification Section 08 14 33, Stile and Rail Wood Doors, to Division 8 of the Table of Contents.

### 2. Specification Section 05 73 16      Decorative Metal Railings

- A. Add Specification Section 05 73 16, Decorative Metal Railings, included in this Addendum, to Project Manual.

### 3. Specification Section 06 20 00      Finish Carpentry

- A. Add Paragraph 2.5 D. to read:
  - "D. Abutting Ends: Where finished wood trim abuts door frames or opening, contractor is to provide finished end closure with miter-finished end."
- B. Revise Paragraph 3.3 E.1.d to read:
  - "d. Locations: Alternate: At all exterior windows with the exception of the Meeting Rooms and front Lobby/Waiting Area."

### 4. Specification Section 08 14 33      Stile and Rail Wood Doors

- A. Add Specification Section 08 14 33, Stile and Rail Wood Doors, included in this Addendum, to Project Manual.

### 5. Specification Section 08 44 00      Glazed Aluminum Curtain Walls

- A. Add Paragraph 1.1 D. to read: "D. Framed Sun-Shades."



- B. Add Paragraph 2.6 to read as follows (renumber subsequent paragraphs as appropriate):

2.6 Sun Shades

- A. Basis of Design: Kawneer Sunshade Versoleil Outrigger Sunshades or approved equal.
- B. Blade Depth: 36 inches.
- C. Blade Style: Airfoil or Wave."

**6. Specification Section 08 71 00 Door Hardware**

- A. Add Paragraph 2.13 ELECTRO-HYDRAULIC AUTOMATIC OPERATORS, included in this Addendum, to Specification Section. Subsequent paragraphs to be renumbered accordingly.
- B. HARDWARE GROUP NO. 02: After "For use on Door #(s):" add Door A-101-A.
- C. Replace HARDWARE GROUP NO. 09 in its entirety, with HARDWARE GROUP NO. 09 included in this Addendum.
- D. Replace HARDWARE GROUP NO. 11 in its entirety, with HARDWARE GROUP NO. 11 included in this Addendum.
- E. Replace HARDWARE GROUP NO. 14 in its entirety, with HARDWARE GROUP NO. 14 included in this Addendum.

**7. Specification Section 33 31 13 Site Sanitary Sewerage Piping**

- A. Add paragraph 2.04 to read:

**"2.04 GREASE INTERCEPTOR**

- A. Grease trap shall be Schier Model Number GB-250. Alternate grease trap acceptable which provides flow and capacity requirements equivalent to the listed model and meets all local requirements."

## DRAWINGS

**8. Sheet G-210**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Updated indication for the 1hr partition created in the lower level.

**9. Sheet G-301 and G-302**

- 1. Architect seal and signature added to sheets.

**10. Sheet C-103**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added note to remove science waste collection station.
  - 2. Added note to cap and abandon existing water main on north side of building.
  - 3. Added note to abandon gas service and to coordinate with utility company.
  - 4. Existing light pole near existing cafeteria shall remain in place.

**11. Sheet C-105**

- A. Refer to revised, full-size drawing, included in this Addendum, for added dimensions between existing and proposed buildings.

**12. Sheet C-109**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added water main-to-lift station clearance callout.
  - 2. Added "Water Main Relocation Detail".
  - 3. Revised fire service pipe size to be 6" diameter.
  - 4. Revised sanitary service pipes exiting building to be 4" diameter.
  - 5. Added part number of Str. No. 499 Grease Trap.

**13. Sheet C-111**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Revised proposed tree locations; added additional trees.
  - 2. Added tree species list to legend and revised callouts.

**14. Sheet AD-111**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Indicated the location of the existing mural that is to be removed and relocated in the new middle school.

**15. Sheet A-101, A-102, and A-107**

- A. Refer to three (3) revised, full-size drawing, included in this Addendum, for revisions.

**16. Sheet A-201 and A-202**

- A. Refer to two (2) revised, full-size drawing, included in this Addendum, for revisions.

**17. Sheet A-301 and A-302**

- A. Refer to two (2) revised, full-size drawing, included in this Addendum, for revisions.

**18. Sheet A-403, A-408, A-410, and A-412**

- A. Refer to four (4) revised, full-size drawing, included in this Addendum, for revisions.

**19. Sheet A-601**

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

**20. Sheet A-610**

- 1. Clarification – Where "PA" is indicated, refer to hardware set for ADA power assist device mfr and other requirements.

**21. Sheet A-711**

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

**22. Sheet A-801**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:

1. Addition of Keynote 19; revise as noted.
2. Revise wall finish in Catering Kitchen 144.
3. Extent of terrazzo, as noted.

**23. Sheet A-820**

- A. Ceiling Tile Clarifications are as follows:
1. ACT-1 Pattern/Finish: Fine Fissured, Number/Color: 1728 White, Comments: NRC .70 With humiguard plus square edge.
  2. ACT-2 Pattern/Finish: Clean Room, Number/Color: 868 White, Comments: Vinyl faced with humiguard plus square edge.
  3. ACT-3 Pattern/Finish: Optima Square Lay-in, Number/Color: White, Comments: NRC .90 With humiguard plus square edge

**24. Sheet A-840**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. Revise Keynotes 56, 58, 60, and 61.
  2. Elevation 2/A-840 – revise as noted.
  3. Elevation 4/A-840 – revise as noted.
  4. Addition of presentation rail detail: Section 6/A-840.

**25. Sheet A-901**

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

**26. Sheet K-101**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions to Equipment Schedule:
1. ITEM #56 – Revise Model Number to AM16VLT-2.

**27. Sheet K-400**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. HEIGHT DIMENSIONS: Clarified overall box height.
  2. DETAIL "B": Revised detail name to "RACK MOUNTED CONDENSING UNIT DETAIL".
  3. DETAIL "C": Revised detail name to "RACK MOUNTED COMPRESSOR HOUSING DETAIL".
  4. DETAIL "D": Revised detail to include cooler/freezer height dimensions.

**28. Sheet K-500**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. Alternate duct run and fan locations marked on plan to correspond to new architectural layout intended to shield the fans from sight.

**29. Sheet MD-111**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following

revisions:

1. Added note for boiler and hydronic equipment to be stored for future use.

**30. Sheet MV-101**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. Relocated VAV-1R and associated ductwork.

**31. Sheet MP-101**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. Relocated VAV-1R and associated piping.
  2. Added gas piping to kitchen make up air unit.

**32. Sheet MP-102**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. Relocated condensing units and associated piping.
  2. Added gas piping to kitchen make up air unit.

**33. Sheet M-111**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. Added exhaust ductwork and grilles for TEF-3.

**34. Sheet M-113**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. Added exhaust fan TEF-3.

**35. Sheet M-200**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. Revised outside air intake louver size and location.
  2. Added note to blank off louver around column.
  3. Removed ER-1 relief hood.
  4. Added a relief louver and associated ductwork for ER-1.

**36. Sheet M-501**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. Added TEF-3 to mechanical equipment schedule for Taft Middle School.

**37. Sheet E-002**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
1. Removed existing transformer and distribution equipment.

**38. Sheet E-003**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Removed existing transformer.
  - 2. Removed sheet notes.
  - 3. Added lift pump VFD's and circuits

**39. Sheet ED-110**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added sheet note.

**40. Sheet EL-101**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added touchscreen note.
  - 2. Revised lighting in conference rooms.

**41. Sheet EL-102**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Revised lighting in conference rooms.

**42. Sheet EP-101**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added sheet note.
  - 2. Added powered shades.
  - 3. Added circuitry.
  - 4. Revised floor boxes.

**43. Sheet EP-102**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Revised floor boxes.

**44. Sheet EP-103**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Revised connections to kitchen exhaust fans.
  - 2. Added circuitry.

**45. Sheet EL-110**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added elevations for EB fixtures.



**46. Sheet EP-111**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added door operators.
  - 2. Added door operator push buttons.

**47. Sheet E-502**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added EC2 fixture to lighting schedule.

**48. Sheet E-503**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added CA1 fixture to lighting schedule.

**49. Sheet E-601**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added circuits to panels CLP-1 and ALX1.

**50. Sheet E-602**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Revised kitchen schedule.

**51. Sheet E-603**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Clarified MLO panels.
  - 2. Added circuits to panel KP-1.

**52. Sheet E-604**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Clarified MLO panels.
  - 2. Added circuits to panel 1L3.

**53. Sheet E-605**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Clarified MLO panels.

**54. Sheet TS-100**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added notes to indicate existing Fiber Optic Conduit to be utilized to connect

Admin to Alternate Ed.

2. Added new pull box and new conduit to extend existing conduit into the into the section of the Alternate Ed Building that remains.
3. Add note to extend fiber from lower level of Alternate Ed into new Main Telecon room on first Floor A114

**55. Sheet T-101**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  1. Meeting Room 108:
    - a. Delete video projector in front of board tables.
    - b. Delete video projector screen behind board tables.

Pages 1 through 8, inclusive, Specification Sections 05 73 16, 08 14 33 and selected portions of 08 71 00; and Fifty-Six (56) Full-Size Drawings, constitute the total makeup of **Addendum Three**.



# 05SECTION 05 73 16

## DECORATIVE METAL RAILINGS

### 1 General

#### 1.1 Summary

A. Section Includes:

1. Stainless steel railing components.
2. Stainless steel post supported guardrail system with glass infill.

#### 1.2 System Description

A. Performance Requirements: Provide railing systems, including top rail, bottom rail, end posts, intermediate posts, perforated panels and hardware capable of withstanding both gravity loads and the following loads and stresses conforming to the applicable building Codes.

1. Handrails:

- a. Concentrated load of 200 lbf applied in any direction.
- b. Uniform load of 50 lbs/ft applied in any direction.
- c. Concentrated and uniform loads need not be assumed to act concurrently.

2. Intermediate Posts and Infill Panels:

- a. Concentrated load of 50 lbf applied horizontally on an area of 1 square foot.
- b. Concentrated and other loads need not be assumed to act concurrently.

B. Design railing components and hardware to withstand loads encountered without excessive deflection or distortion to comply with requirements of applicable building Codes.

C. Corrosion Control: Prevent galvanic action and other forms of corrosion by insulating metals and other materials from direct contact with incompatible materials.

#### 1.3 Submittals

- A. Submit shop drawings and product data under provisions of Division 01.
- B. Product Data: For each product indicated.

- C. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.
- D. Certificates: Signed by manufacturers of stainless steel products certifying that products furnished comply with requirements.

#### **1.4 Quality Assurance**

- A. Installer Qualifications: An experienced installer who has completed at least ten installations of decorative metal railings similar in material, design, and extent to that indicated for this Project and whose work has resulted in construction with a record of successful in-service performance.
- B. Mockup: Build mockup to demonstrate aesthetic effects and set quality standards for fabrication and installation.
  - 1. Build mockup indicating design and finish of railing system consisting of minimum two posts, top rail, cable assembly and anchorage components that are full height.
  - 2. Approved mockups may become part of the completed Work if undisturbed at time of Substantial Completion.

#### **1.5 Delivery, Storage and Handling**

- A. Deliver, store and handle materials in accordance with manufacturer's written instructions and recommendations.

#### **1.6 Project Conditions**

- A. Field Measurements: Verify actual locations of walls, stairs, and other construction contiguous with railings by field measurements and indicate measurements on shop drawings.

### **2 Products**

#### **2.1 Manufacturers**

- A. Livers Bronze (Stainless Steel Belmont System)
- B. Blumcraft, Inc.
- C. Stainless Architectural Metalworks.

#### **2.2 Materials**

- A. Stainless Steel Structural Tubing: ASTM A554, Type 304.
- B. Stainless Steel Shapes: ASTM A240, Type 304.
- C. Stainless Steel Castings: ASTM A743, Grade CF8 or CF20.
- D. Stainless Steel Plate and Sheet: ASTM A666, Type 304.

## 2.3 Components

- A. Stainless Steel Tubing and Bar: ASTM A554, Type 304; ASTM A276, Type 304
  - 1. Provide sizes, lengths and diameter as indicated on Drawings.
  - 2. Provide handrails, guardrails and attachments for a complete system.
- B. Stainless Steel Plate and Sheet: ASTM A666, Type 304.
  - 1. Provide SS Channel cap rail as shown on drawings
- C. Infill Panels: ½" Clear tempered Glass with polished edges.
- D. Mounting Brackets and Fittings: Stainless steel type designed to secure infill panels in place.

## 2.4 Fabrication

- A. General: Fabricate railings to comply with requirements indicated for design, dimensions, member sizes and spacing, details, finish, and anchorage, but not less than that required to support structural loads.
- B. Assemble railings in the shop to greatest extent possible to minimize field splicing and assembly. Disassemble units only as necessary for shipping and handling limitations. Clearly mark units for reassembly and coordinated installation. Use connections that maintain structural value of joined pieces.
- C. Cut, drill, and punch metals cleanly and accurately. Remove burrs and ease edges to a radius of approximately 1/32 inch, unless otherwise indicated. Remove sharp or rough areas on exposed surfaces.
- D. Form work true to line and level with accurate angles and surfaces.
- E. Cut, reinforce, drill, and tap as indicated to receive finish hardware, screws, and similar items.
- F. Welded Connections: Cope components at connections to provide close fit, or use fittings designed for this purpose. Weld all around at connections, including at fittings.
  - 1. Use materials and methods that minimize distortion and develop strength and corrosion resistance of base metals.
  - 2. Obtain fusion without undercut or overlap.
  - 3. Remove flux immediately.
  - 4. At exposed connections, finish exposed surfaces smooth and blended so no roughness shows after finishing and welded surface matches contours of adjoining surfaces.
  - 5. Finish: From Guideline 1: Joint Finishes, developed by NOMMA.

- a. Finish #1 – No evidence of a welded joint.
- G. Mechanical Connections: Connect members with concealed mechanical fasteners and fittings. Fabricate members and fittings to produce flush, smooth, rigid, hairline joints.
- H. Form changes in direction as detailed on Drawings.
- I. Form simple and compound curves by bending members in jigs to produce uniform curvature for each repetitive configuration required; maintain cross section of member throughout entire bend without buckling, twisting, cracking, or otherwise deforming exposed surface of components.
- J. Close exposed ends of hollow railing members with prefabricated end fittings.
- K. Provide wall returns at ends of wall-mounted handrails, unless otherwise indicated. Close ends of returns, unless clearance between end of rail and wall is 1/4 inch or less.
- L. Brackets, Flanges, Fittings, and Anchors: Provide wall brackets, flanges, miscellaneous fittings, and anchors to interconnect railing members to other work, unless otherwise indicated.
- M. Provide inserts and other anchorage devices for connecting railings to concrete or masonry work. Fabricate anchorage devices capable of withstanding loads imposed by railings. Coordinate anchorage devices with supporting structure.
- N. For railing posts set in concrete, provide steel sleeves not less than 6 inches long with inside dimensions not less than 1/2 inch greater than outside dimensions of post, with steel plate forming bottom closure.

## **2.5 Finishes**

- A. Stainless Steel: ASTM A480/A480M; Directional No. 4 Satin Finish on Bar, Sheet or Plate; Circular No. 4 finish on round pipe or tubing.

## **3 Execution**

### **3.1 Installation**

- A. Fit exposed connections together to form tight, hairline joints.
- B. Perform cutting, drilling, and fitting required for installing railings. Set railings accurately in location, alignment, and elevation; measured from established lines and levels and free of rack.
  - 1. Do not weld, cut, or abrade surfaces of railing components that have been coated or finished after fabrication and that are intended for field connection by mechanical or other means without further cutting or fitting.
  - 2. Set posts plumb within a tolerance of 1/16 inch in 5 feet.

3. Align rails so variations from level for horizontal members and variations from parallel with rake of steps and ramps for sloping members do not exceed 1/8 inch in 10 feet.
- C. Adjust railings before anchoring to ensure matching alignment at abutting joints.
- D. Fastening to In-Place Construction: Use anchorage devices and fasteners where necessary for securing railings and for properly transferring loads to in-place construction.

### **3.2 Railing Connections**

- A. Nonwelded Connections: Use mechanical or adhesive joints for permanently connecting railing components. Use wood blocks and padding to prevent damage to railing members and fittings. Seal recessed holes of exposed locking screws using plastic cement filler colored to match finish of railings.
- B. Welded Connections: Use fully welded joints for permanently connecting railing components. Comply with requirements for welded connections in Part 2 "Fabrication" Article whether welding is performed in the shop or in the field.
- C. Expansion Joints: Install expansion joints at locations indicated but not farther apart than required to accommodate thermal movement. Provide slip-joint internal sleeve extending 2 inches beyond joint on either side, fasten internal sleeve securely to 1 side, and locate joint within 6 inches of post.

### **3.3 Anchoring Posts**

- A. Use steel pipe sleeves preset and anchored into concrete for installing posts. After posts have been inserted into sleeves, fill annular space between post and sleeve with nonshrink, nonmetallic grout or anchoring cement, mixed and placed to comply with anchoring material manufacturer's written instructions.
- B. Form or core-drill holes not less than 5 inches deep and 3/4 inch larger than OD of post for installing posts in concrete. Clean holes of loose material, insert posts, and fill annular space between post and concrete with nonshrink, nonmetallic grout or anchoring cement, mixed and placed to comply with anchoring material manufacturer's written instructions.
- C. Provide stainless steel flanges at floor locations.
- D. Anchor posts to metal surfaces with flanges, angle type, or floor type as required by conditions, connected to posts and to metal supporting members as follows:
  1. For stainless-steel railings, weld flanges to posts and bolt to metal-supporting surfaces.
  2. Securely fasten stainless-steel railings to stair stringers. Provide separation material to prevent galvanic reactions.

### **3.4 Attaching Handrails to Walls**

- A. Attach handrails to walls with wall brackets. Provide brackets with 1-1/2 inch clearance from inside face of handrail and finished wall surface.
- B. Locate brackets as indicated or, if not indicated, at spacing required to support structural loads.
- C. Secure wall brackets to building construction as follows:
  - 1. For solid masonry anchorage, use drilled-in expansion shields and hanger or lag bolts.
  - 2. For hollow masonry anchorage, use toggle bolts.

### **3.5 Cleaning**

- A. Clean stainless steel by washing thoroughly with clean water and soap, rinsing with clean water, and wiping dry.

### **3.6 Protection**

- A. Protect finishes of railings from damage during construction period with temporary protective coverings approved by railing manufacturer. Remove protective coverings at time of Substantial Completion.
- B. Restore finishes damaged during installation and construction period so no evidence remains of correction work. Return items that cannot be refinished in field to shop; make required alterations and refinish entire unit, or provide new units.

**END OF SECTION**



# SECTION 08 14 33

## STILE AND RAIL WOOD DOORS

### 1 General

#### 1.1 Section Includes

- A. Interior Wood Stile and Rail doors, non-rated.

#### 1.2 Related Sections

- A. Section 06 20 00 – Finish Carpentry: Wood door frames.
- B. Section 08 11 13 - Standard Steel Frames.
- C. Section 08 14 16 – Wood Doors.
- D. Section 08 71 00 - Door Hardware.
- E. Section 08 81 00 - Glazing.
- F. Section 09 91 00 - Painting: Site finishing doors.

#### 1.3 References

- A. ANSI A135.4 - Basic Hardboard.
- B. ASTM E90 - Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.
- C. ASTM E152 - Fire Tests of Door Assemblies.
- D. AWI - Quality Standards of Architectural Woodwork Institute.
- E. NFPA 80 - Standards for Fire Doors and Windows.
- F. UL 10B - Fire Tests of Door Assemblies.

#### 1.4 Submittals

- A. Submit shop drawings and product data under provisions of Division 1.
  - 1. Indicate door elevations, stile and rail reinforcement, internal blocking for hardware attachment, Panels, and cutouts for glazing .
- B. Submit sample of finish as selected by the Architect.

#### 1.5 Quality Assurance

- A. Conform to requirements of AWI Quality Standards for Premium, Custom Grade, with door-to-door match in pairs or sets.

## **1.6 Delivery, Storage, And Protection**

- A. Protect products under provisions of Division 1.
- B. Individually wrap or carton doors at factory and mark per tag openings.
- C. Deliver and store doors in accordance with AWI requirements.

## **1.7 Warranty**

- A. Provide manufacturer's lifetime warranty under provisions of Division 1.

## **2 Products**

### **2.1 Interior Stile and Rail Wood Doors - Acceptable Manufacturers**

- A. Algoma Hardwoods, Inc., Algoma, Wisconsin.
- B. Eggers Industries, Neenah, Wisconsin.
- C. Marshfield Door Systems, Inc., Marshfield, Wisconsin.
- D. Oshkosh Architectural Door Company, Oshkosh, Wisconsin.
- E. V.T. Industries, Holstein, Iowa.

### **2.2 Door Types**

- A. Panel Interior Doors: 1 3/4 inches thick; solid core construction; wood veneer faces; AWI Custom Grade.
- B. Panel Designs: Refer to Door Schedule.

### **2.3 Door And Panel Construction (AWI Quality Standard)**

- A. Stile and Rail Construction: Clear lumber; may be edge glued for width. Select lumber for similarity of grain and color, and arrange for optimum match between adjacent pieces.
- B. Facing Quality: AWI custom premium economy grade.
- C. Interior Door Veneer: Plain sliced, white oak for transparent paint finish.
- D. Face Panel: Medium High density overlay plywood face veneer. ANSI A135.4, Type S25 hardboard, tempered for exterior doors, untempered for interior doors; Manufacturers standard thickness.

### **2.4 Adhesives**

- A. Interior Doors: AWI, Type I.

### **2.5 Fabrication**

- A. Factory fit doors to suit frame-opening sizes indicated, with the following uniform clearances and bevels unless otherwise indicated:

1. Clearances: Provide 1/8 inch at heads, jambs, and between pairs of doors. Provide 1/2 inch from bottom of door to top of decorative floor finish or covering. Where threshold is shown or scheduled, provide not more than 3/8 inch from bottom of door to top of threshold.
  2. Comply with NFPA 80 for fire-rated doors.
- B. Factory machine doors for hardware that is not surface applied. Locate hardware to comply with DHI-WDHS-3. Comply with final hardware schedules, door frame Shop Drawings, BHMA-156.115-W, and hardware templates.
1. Coordinate measurements of hardware mortises in metal frames to verify dimensions and alignment before factory machining.

## **2.6 Factory Prefinishing**

- A. Transparent Finish: Prefinish all exposed surfaces of wood doors in accordance with AWI Division 1500 - S-4 Finish System Standards.
1. Provide water-based stain and ultraviolet cured polyurethane to comply with EPA Title 5 guidelines for Volatile Organic Compound emissions limitations.
  2. Meet or exceed performance standards of TR-6 catalyzed polyurethane, Custom grade; stain as selected by the Architect.
- B. Factory seal tops and bottoms of all doors with approved sealer.

## **3 Execution**

### **3.1 Inspection**

- A. Verify wall openings are ready to receive work of this Section.
- B. Beginning of installation means acceptance of existing conditions.

### **3.2 Installation**

- A. Install doors in accordance with manufacturer's instructions.
- B. Machine cut relief for hinges and closers and coring for handsets and cylinders.
- C. Trim door width by cutting equally on both jamb edges.
- D. Trim door height by cutting equally on top and bottom edges to a maximum of 3/4 inch.
- E. Pilot drill screw and bolt holes.
1. Use threaded through bolts for half surface hinges.
- F. Prepare doors to receive finish hardware in accordance with AWI requirements.

### **3.3 Installation Tolerances**

- A. Maximum Diagonal Distortion: 1/16 inch measured with straight edge, corner to corner.
- B. Clearances for Door Installations:
  - 1. Bevel lock stiles or rails 1/8 inch in 2 inches.
  - 2. 1/8 inch at jamb and head.
  - 3. 3/16 inch bottom clearance over threshold.
  - 4. 3/8 inch bottom clearance at openings without threshold.
  - 5. 1/8 inch maximum between non-rated double doors.

### **3.4 Adjusting**

- A. Adjust for smooth and balanced door movement.

**END OF SECTION**

## 2.13 ELECTRO-HYDRAULIC AUTOMATIC OPERATORS

### A. Manufacturers and Products:

1. Scheduled Manufacturer and Product: LCN 4600 series.
2. Acceptable Manufacturers and Products: No Substitutions – Owners Standard.

### B. Requirements:

1. Provide low energy automatic operator units with hydraulic closer complying with ANSI/BHMA A156.19.
2. Hydraulic Fluid: Fireproof, passing requirements of UL10C, and requiring no seasonal closer adjustment for temperatures ranging from 120 degrees F to -30 degrees F.
3. Provide units with conventional door closer opening and closing forces unless power operator motor is activated. Provide door closer assembly with adjustable spring size, back-check, and opening and closing speed adjustment valves to control door
4. Provide units with on/off switch for manual operation, motor start up delay, vestibule interface delay, electric lock delay, and door hold open delay.
5. Provide units with conventional door closer opening and closing forces unless power operator motor is activated. Provide door closer assembly with adjustable spring size, back-check valve, sweep valve, latch valve to control door.
6. Provide drop plates, brackets, or adapters for arms as required for details.
7. Provide hard-wired actuator switches for operation as specified.
8. Provide weather-resistant actuators at exterior applications.
9. Provide key switches with LED's, recommended and approved by manufacturer of automatic operator as required for function described in operation description of hardware group below. Cylinders: Refer to "KEYING" article, herein.
10. Provide complete assemblies of controls, switches, power supplies, relays, and parts/material recommended and approved by manufacturer of automatic operator for each individual leaf. Actuators control both doors simultaneously at pairs. Sequence operation of exterior and vestibule doors with automatic operators to allow ingress or egress through both sets of openings as directed by Architect. Locate actuators, key switches, and other controls as directed by Architect.
11. Provide units with vestibule inputs that allow sequencing operation of two units, and SPDT relay for interfacing with latching or locking devices.

**HARDWARE GROUP NO.09**

For use on Door #(s):

A-102-C

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
1	EA	SURF. AUTO OPERATOR	4642	689	LCN
2	EA	ACTUATOR, TOUCH	8310-853T	630	LCN
	EA	NOTE	BALANCE OF HARDWARE EXISTING TO REMAIN		

OPERATION: DOORS NORMALLY CLOSED AND LOCKED. DOOR CAN BE LEFT UNLOCKED AS PROGRAMMED BY ACCESS CONTROL.

UNLOCKED HOURS: PRESSING EITHER ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR.

LOCKED HOURS: VALID CREDENTIAL MOMENTARILY UNLOCKS DOOR AND ACTIVATES EXTERIOR ACTUATOR. WHEN ACTIVE, PRESSING EXTERIOR ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR. INTERIOR ACTUATOR ALWAYS ACTIVE. DOORS REMAIN LOCKED UPON LOSS OF POWER. FREE EGRESS AT ALL TIMES.

NOTE: VERIFY/COORDINATE PREPS ON EXISTING DOORS AND FRAMES. PROVIDE CORRECT STRIKES, REINFORCEMENTS, FIELD MODIFICATIONS AND/OR FILLERS TO EXISTING DOORS AND FRAMES AS NECESSARY TO ACCEPT NEW SPECIFIED HARDWARE AND COVER EXPOSED HOLES.

NOTE: VERIFY EXISTING POWER SUPPLY HAS REQUIRED OPTION BOARDS TO ADD AUTOMATIC OPERATOR TO OPENING.

**HARDWARE GROUP NO. 11**

For use on Door #(s):

A-101-B

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	224HD EPT	628	IVE
2	EA	POWER TRANSFER	EPT10	689	VON
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
3	EA	MORTISE CYLINDER	1E74	626	BES
1	EA	ELEC PANIC HARDWARE	SD-RX-QEL-98-EO 24 VDC	626	VON
1	EA	ELEC PANIC HARDWARE	SD-RX-QEL-98-NL-OP-110MD 24 VDC	626	VON
1	EA	RIM CYLINDER	1E72	626	BES
2	EA	90 DEG OFFSET PULL	8190HD 12" O	630	IVE
1	EA	OH STOP	100S	630	GLY
1	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
1	EA	SURF. AUTO OPERATOR	4642	689	LCN
1	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	689	LCN
1	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	689	LCN
1	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	689	LCN
2	EA	ACTUATOR, TOUCH	8310-853T	630	LCN
1	EA	MULLION SEAL	8780NBK	BK	ZER
1	EA	WEATHER STRIPPING	BY DOOR/FRAME MANUFACTURER		
2	EA	DOOR SWEEP	8192AA	AA	ZER
1	EA	THRESHOLD	655A-223	A	ZER
1	EA	MULTITECH READER	MTB11/15 - BY ACCESS CONTROL PROVIDER (COORDINATE W/ HEAD END AND CREDENTIAL TYPE)	BLK	SCE
1	EA	AI PHONE	BY ACCESS CONTROL PROVIDER		
2	EA	DOOR CONTACT	7764	628	SCE
1	EA	POWER SUPPLY	PS904 900-4RL [COORDINATE WITH ACCESS CONTROL PROVIDER]	LGR	SCE
1	EA	DIAGRAM	ELEVATION		DLR
1	EA	DIAGRAM	POINT TO POINT		DLR

**HARDWARE GROUP NO. 11 CONTINUED**

OPERATION: DOORS NORMALLY CLOSED AND LOCKED. DOORS CAN BE LEFT UNLOCKED AS PROGRAMMED BY ACCESS CONTROL.

UNLOCKED HOURS: PRESSING EITHER ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR.

LOCKED HOURS: VALID CREDENTIAL OR AIPHONE AT RECEPTION DESK MOMENTARILY UNLOCKS DOOR AND ACTIVATES EXTERIOR ACTUATOR. WHEN ACTIVE, PRESSING EXTERIOR ACTUATOR CYCLES AUTOMATIC OPERATOR AND MOMENTARILY OPENS DOOR. INTERIOR ACTUATOR ALWAYS ACTIVE. DOORS REMAIN LOCKED UPON LOSS OF POWER. DOOR CONTACTS TO MONITOR DOOR POSITION. RX SWITCH (INTEGRAL TO EXIT DEVICE) SHUNTS DOOR CONTACTS FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.



**HARDWARE GROUP NO. 14**

For use on Door #(s):

A-101-A

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	224HD	628	IVE
1	EA	REMOVABLE MULLION	KR4954 STAB	689	VON
3	EA	MORTISE CYLINDER	1E74	626	BES
2	EA	PANIC HARDWARE	CD-98-EO	626	VON
2	EA	90 DEG OFFSET PULL	8190HD 12" O	630	IVE
2	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
2	EA	PA MOUNTING PLATE	4040XP-18PA AS REQ'D	689	LCN
2	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	689	LCN
2	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	689	LCN
1	EA	MULLION SEAL	8780NBK	BK	ZER
1	EA	WEATHER STRIPPING	BY DOOR/FRAME MANUFACTURER		
2	EA	DOOR SWEEP	8192AA	AA	ZER
1	EA	THRESHOLD	655A-223	A	ZER





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

PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**LIFE SAFETY GENERAL NOTE:**

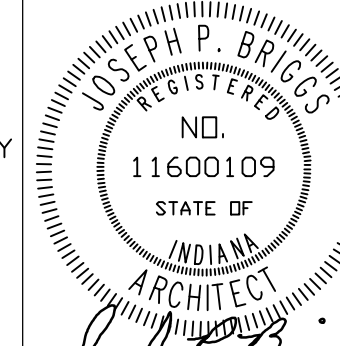
LIFE SAFETY INFORMATION IS PROVIDED FOR USE BY ALL CONTRACTORS. CONTRACTORS ARE RESPONSIBLE FOR COMPLYING WITH CODE REQUIREMENTS (INCLUDING BUT NOT LIMITED TO: RATED ASSEMBLIES, FIRE PROTECTION, FIRESTOPPING, DAMPERS, AND HARDWARE) INDICATED INCLUDING CONDITIONS WHERE THESE REQUIREMENTS ARE NOT DETAILED.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

Applicable Code:	2014 Indiana Building Code 2014 Indiana Mechanical Code 2012 Indiana Plumbing Code 2009 Indiana Electrical Code 2010 Indiana Energy Conservation Code 2014 Indiana Fire Code ICC/ANSI A-117.1 Standard, 2009 Edition General Administrative Rules (GAR)
Building Description:	The building is an existing 2-level structure, with the original portion constructed in 1954, with additions in 1957, 1959, 1960, 1965, 1967, and 1975. The original building was an elementary school, with the 1957 addition a junior high school. Subsequent additions included the gymnasium/cafe/cafeteria and expansion of the junior high school. The building is currently occupied as Taft Middle School.
Scope of Project:	<ul style="list-style-type: none"> <li>The current project involves the following scope of work: <ul style="list-style-type: none"> <li>Demolition of the southern portion of the building, with the 1957 and 1960 portions of the building to remain.</li> <li>The main level of the building will be repurposed as the school corporation's Alternative Education program.</li> <li>Scope of work on the main level will include build-out of new administrative offices, with limited work in classrooms and educational areas.</li> <li>The remaining portion of the lower level will be converted to a storage area for the school corporation storage will be school supplies and related items.</li> <li>An area of approximately 500 sq ft under the existing front canopy will be built out to serve as a vestibule to create a secure entry to the building.</li> </ul> </li> </ul>
Code Strategy and Application of Codes to the Project:	<p>The continued use of the main level of the building for Educational use is permitted without requiring the entire existing building or portions of the existing building to be brought into compliance with current codes [Rule 4, Section 11(a), GAR]</p> <p>The scope of construction within the proposed alteration is required to comply with current codes without requiring the entire existing building or portions of the existing building unaffected by the proposed scope of renovation to be brought into compliance with current codes [Rule 4, Section 12(b), GAR]</p> <p>The following variances will be requested:</p> <ul style="list-style-type: none"> <li>To permit conversion of the lower level to S-1 Occupancy without bringing the affected area into compliance with current codes</li> <li>To permit the vestibule sq footage to be added to a building that exceeds current code limits for non sprinklered fire area [Rule 5, GAR]</li> </ul>
Occupancy Classifications:	<p>Educational use areas for students through the 12th grade</p> <ul style="list-style-type: none"> <li>E Occupancy [305.1]</li> </ul> <p>Administrative offices - accessory occupancy less than 10% of the building area</p> <ul style="list-style-type: none"> <li>B Occupancy [304.1, 508.2]</li> </ul> <p>Board room - accessory occupancy</p> <ul style="list-style-type: none"> <li>A-3 Occupancy [303.4, 508.2]</li> </ul>
Construction Type:	The building is classified as Type IIB Construction existing
Egress Corridors:	<p>New corridor walls and openings will be fire-rated as required [1018.1]</p> <p>Existing corridor construction will remain nonrated as-is, as permitted by codes in effect for the original construction</p>
Automatic Sprinklers:	Automatic sprinklers are not provided in the existing building and will not be provided as part of this project
Fire Alarm System:	A fire alarm system is existing throughout the building - a new fire alarm control panel and new annunciator panel will be provided, with existing devices connected to the new panel - devices will be added as necessary in the renovated portions of the building
Smoke Detectors:	Smoke detectors will be provided throughout the lower level storage area to support the proposed variance request

**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: 21-115  
DATE: 04/15/22  
COORDINATED BY: EJM  
DRAWN BY: EJM  
CHECKED BY: EJM



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-2	5/5/22	ADDENDUM NO. 2
AD-3	5/12/22	ADDENDUM NO. 3

**LIFE SAFETY PLAN LEGEND**

- DOORS WITH PANIC HARDWARE (PH)
- MAJOR EGRESS ROUTES (--->)
- ADDITION (■)
- RENOVATION (■)
- 1 HOUR CONSTRUCTION (---)

**SQUARE FOOTAGE ANALYSIS**

EXISTING LOWER LEVEL	7,754 SQ. FT.
EXISTING UPPER LEVEL	32,087 SQ. FT.
EXISTING TOTAL	39,841 SQ. FT.
RENOVATED LOWER LEVEL	5,800 SQ. FT.
RENOVATED UPPER LEVEL	4,371 SQ. FT.
TOTAL RENOVATED AREA	10,171 SQ. FT.
NEW LOWER LEVEL	0 SQ. FT.
NEW UPPER LEVEL	287 SQ. FT.
NEW ADDITION TOTAL	287 SQ. FT.
GRAND TOTAL BUILDING	40,128 SQ. FT.

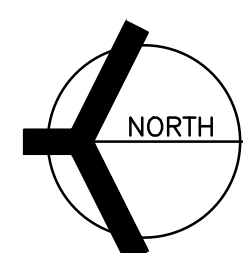
**OCCUPANCY**

EXISTING TOTAL	130 STUDENTS
NEW TOTAL	130 STUDENTS



**UPPER LEVEL SAFETY PLAN**

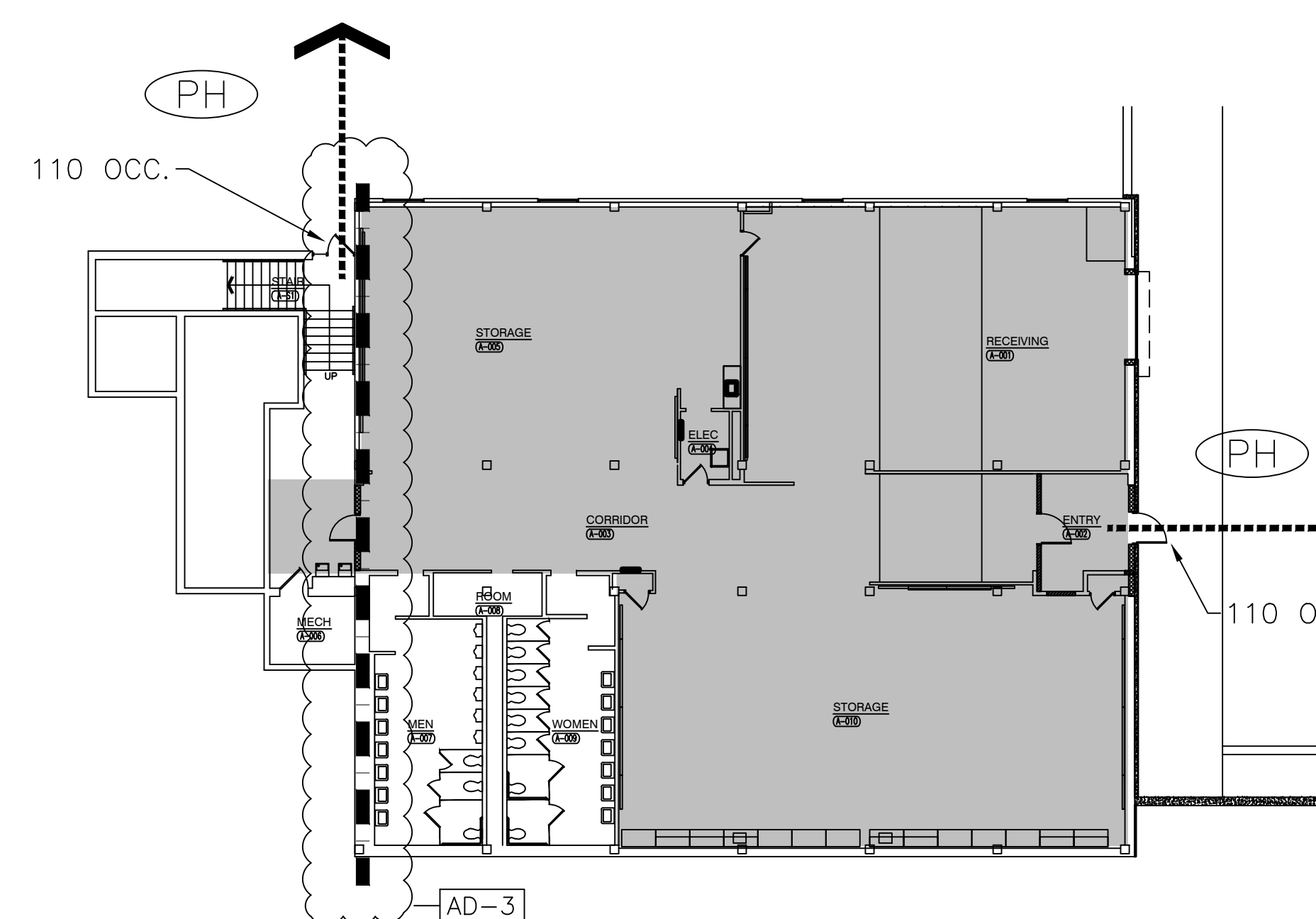
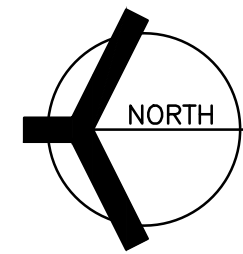
SCALE: 1/16" = 1'-0"



PLUMBING FIXTURE COUNTS FOR NEW ADDITIONS											
USER GROUP	NUMBER OF USERS	USERS PER GENDER		WATER CLOSETS		LAVATORIES		DRINKING FTNS.		SERVICE SINKS	
		REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED
REMAINING SCHOOL FACILITY	150	M: 75		6 WC		10 LAVS				2	
		F: 75		6 URNL		10 LAVS					1
SCHOOL ADDITION (SECURE VESTIBULE)	0	M: 0									
		F: 0									
TOTAL	150	M: 75	2	6 WC	2	10 LAVS	2	2		1	1
		F: 75	2	6 URNL	2	10 LAVS					

**LOWER LEVEL SAFETY PLAN**

SCALE: 1/16" = 1'-0"



DRAWING: **MAIN AND LOWER LEVEL LIFE SAFETY PLAN**

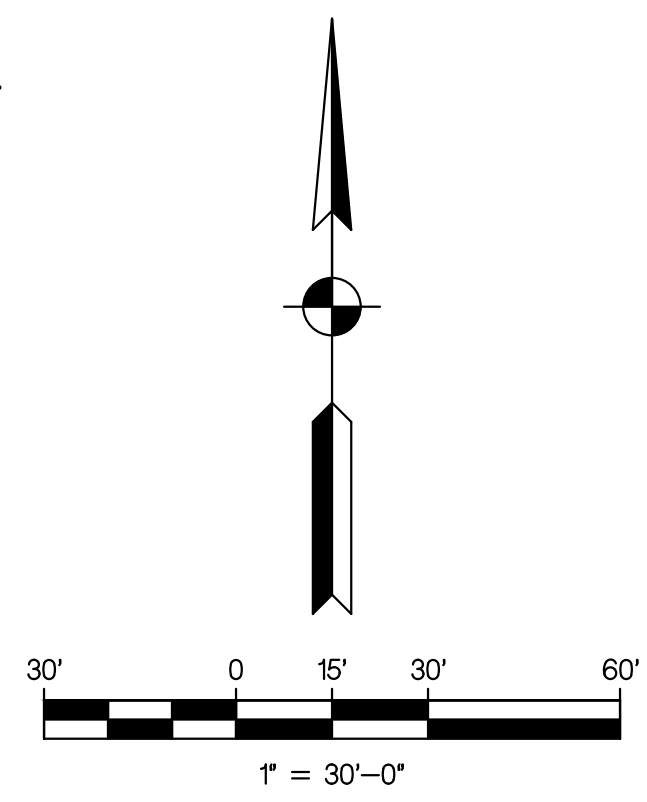
PROJECT: NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AR G-210**

Wednesday, 5/11/2022 - 11:14 PM - LAST SAVED BY: MCCAULEY  
 Y:\21-115 CROWN POINT CSC - NEW ADMIN CENTER, ALTERNATIVE SCHOOL, AND RELATED WORK\21-115 DRAWINGS - ALTERNATIVE ED\02 GEN\G-210.DWG



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



PROJECT  
**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, AND  
RELATED WORK**

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

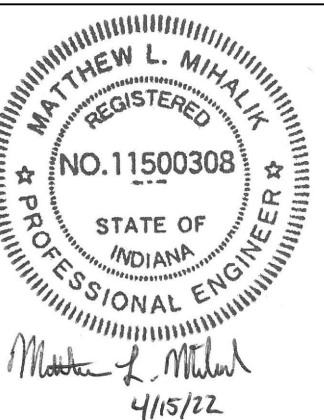


**engineering, inc.**  
2421 173 Street, Hammond, Indiana, 46323  
Phone: (219) 844 8880 Fax: (219) 844 7754  
Your Vision • Our Focus

**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  
21-115  
DATE  
04/15/22  
COORDINATED BY  
MLM  
DRAWN BY  
MLM / SB  
CHECKED BY  
MLM



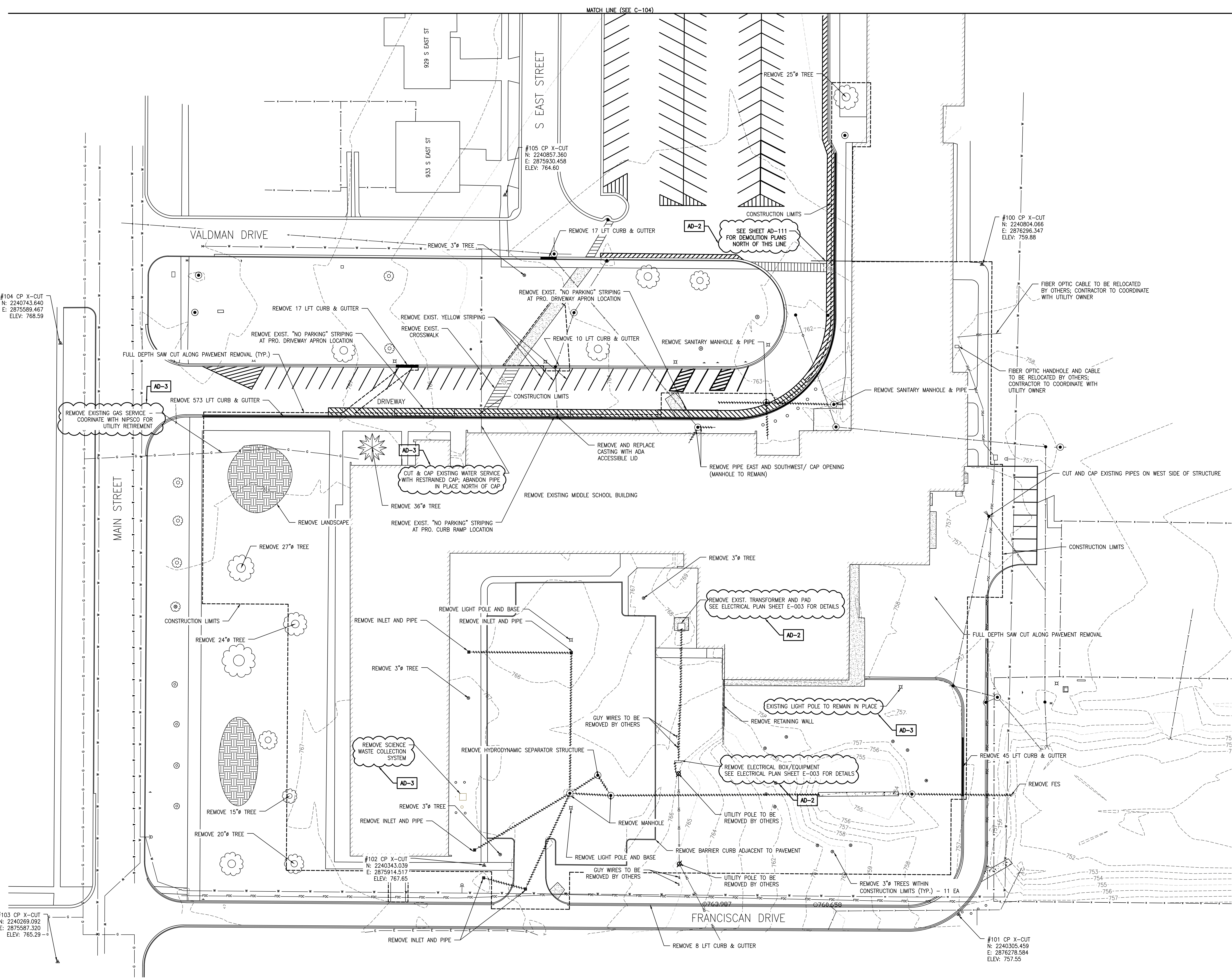
**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETURN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM 2
AD-3	05/12/22	ADDENDUM 3

DRAWING  
**DEMOLITION PLAN**

PROJECT  
NEW ADMINISTRATION CENTER,  
ALTERNATIVE EDUCATION & RESOURCE CENTER,  
AND RELATED WORK

**AD C-103**



LEGEND			
	EXISTING TREE		EXISTING GAS
	EXISTING FIRE HYDRANT		EXISTING TELEPHONE
	EXISTING WATER VALVE		EXISTING CABLE TV
	EXISTING BUFFALO BOX		SILT FENCE
	EXISTING MAN HOLE		EXISTING OVERHEAD ELECTRIC
	EXISTING CATCH BASIN		EXISTING PIPELINE
	EXISTING INLET		EXISTING SANITARY
	EXISTING UTILITY POLE		EXISTING STORM
	EXISTING GUY WIRE		EXISTING WATERMAIN
	EXISTING TELEPHONE BOX		EXISTING CHAIN LINK FENCE
	EXISTING SIGN		EXISTING TREE LINE
	CONTROL POINT		RIGHT-OF-WAY
	PROPERTY CORNER		PROPERTY LINE / BUILDING LINE
			SECTION LINE
	REMOVE BURIED PIPE/CONDUIT		REMOVE BUILDING
			REMOVE CONCRETE

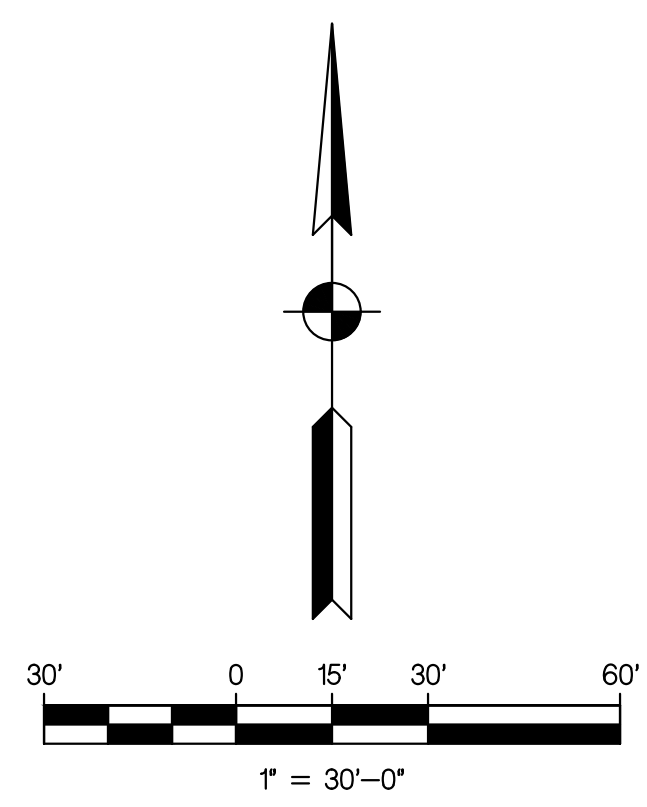
**AD-2 REVISIONS:**  
1. ADDED REFERENCE TO ELECTRICAL SHEET E-003 FOR ELECTRICAL WIRING AND DEMOLITION DETAILS.  
2. ADDED REFERENCE TO SHEET AD-111 FOR SIDEWALK DEMOLITION NORTH OF SHOWN MATCH LINE.  
3. REMOVED CONTOURS WITHIN EXISTING BUILDING FOOTPRINT.

**AD-3 REVISIONS:**  
1. ADDED NOTE TO REMOVE SCIENCE WASTE COLLECTION.  
2. ADDED NOTE TO CAP AND ABANDON EXISTING WATER MAIN ON NORTH SIDE OF BUILDING DEMOLITION.  
3. ADDED NOTE TO ABANDON GAS SERVICE AND TO COORDINATE ABANDONMENT WITH UTILITY COMPANY.  
4. EXISTING LIGHT POLE NEAR EXISTING CAFETERIA SHALL REMAIN IN PLACE.

Wednesday, 5/11/2022, 3:41:2 PM - LAST SAVED BY: MLMLM  
 X:\PROJECTS\GIBRALTAR\22-507 TAFT DOWNS\2022\_0511\_LIFT\_MIDDLE\_SCHOOL\_DEMOLITION.dwg



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



PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA



**engineering, inc.**  
2421 173 Street, Hammond, Indiana, 46323  
Phone: (219) 844 8880 Fax: (219) 844 7754  
Your Vision • Our Focus

**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 21-115  
DATE 04/15/22  
COORDINATED BY MLM  
DRAWN BY MLM / SB  
CHECKED BY MLM

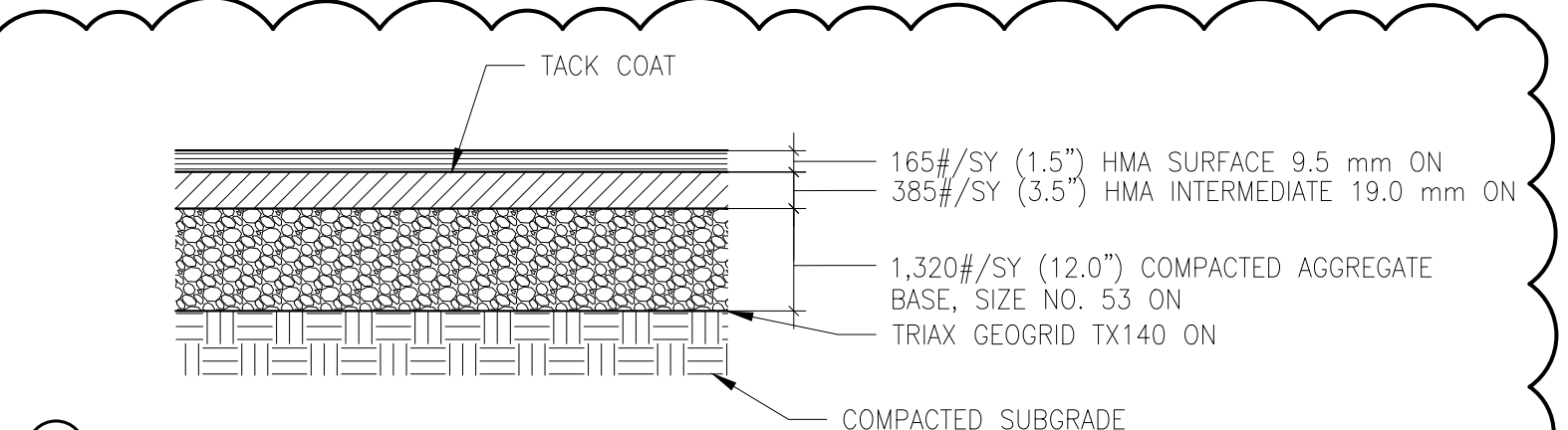
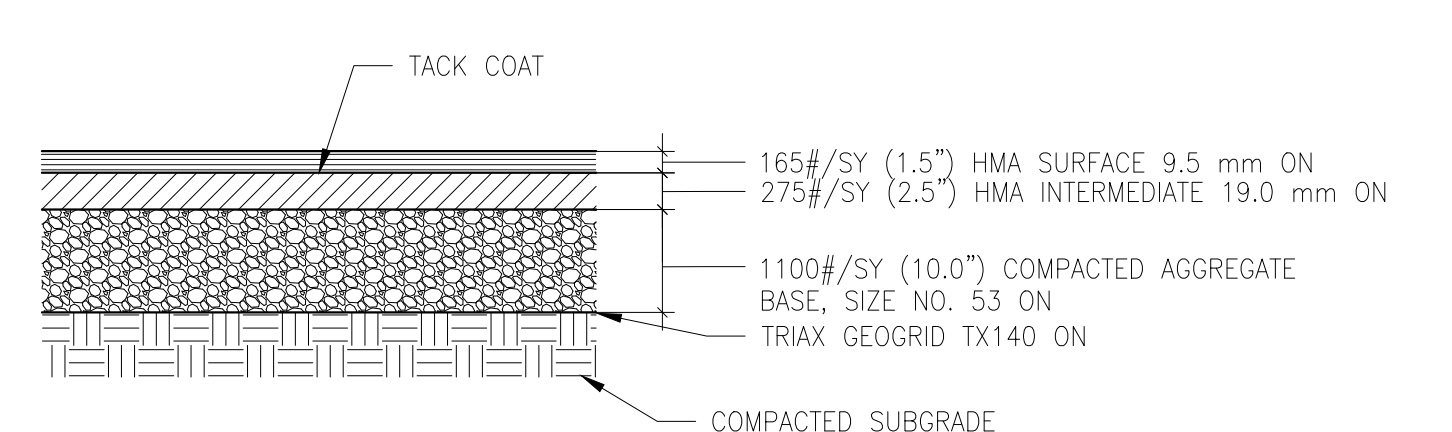
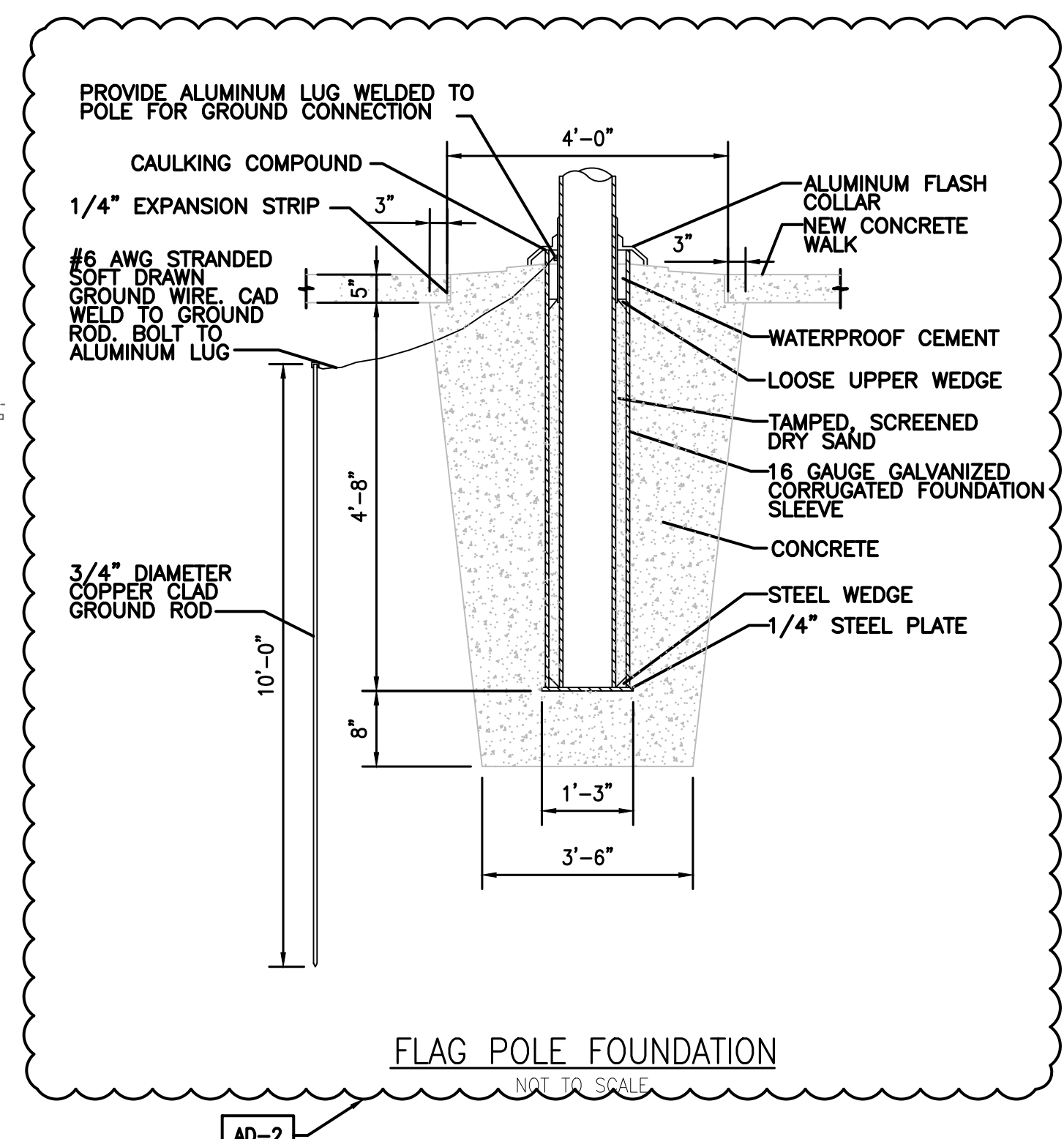
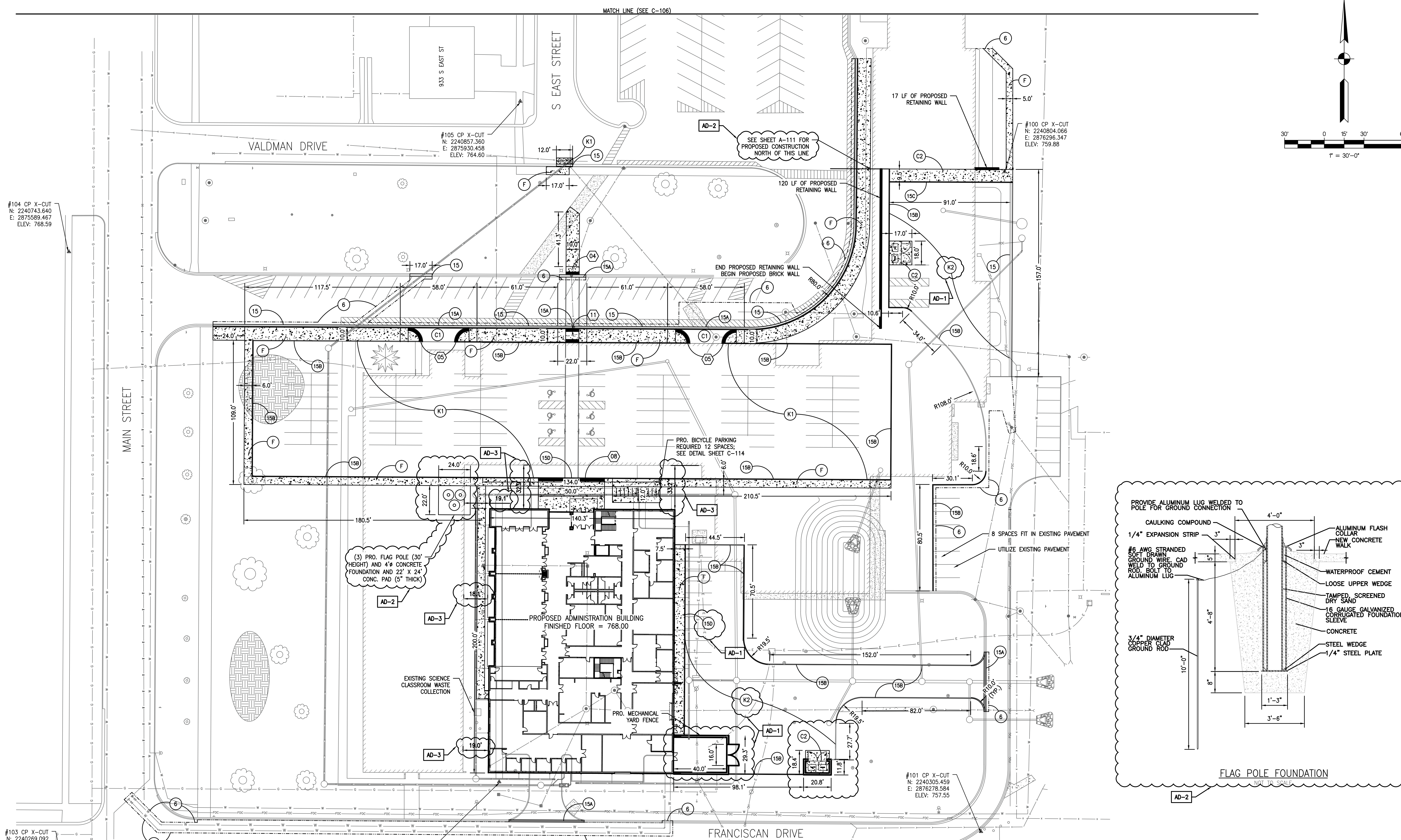
**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-1	04/28/22	ADDENDUM 1
AD-2	05/05/22	ADDENDUM 2
AD-3	05/12/22	ADDENDUM 3

DRAWING  
**PROPOSED SITE PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

**AD C-105**



LEGEND	
(C1) CONCRETE PAVT., 6"	(T) EXISTING TREE
(C2) CONCRETE PAVT., 8"	(H) EXISTING FIRE HYDRANT
(F) SIDEWALK, CONC., 5"	(V) EXISTING WATER VALVE
(K1) PAVEMENT SECTION, LIGHT DUTY	(B) EXISTING BUFFALO BOX
(K2) PAVEMENT SECTION, HEAVY DUTY	(M) EXISTING MAN HOLE
CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##	(CB) EXISTING CATCH BASIN
(6) SAW CUT, FULL DEPTH	(I) EXISTING INLET
(15) CONCRETE CURB AND GUTTER	(U) EXISTING UTILITY POLE
(15A) DEPRESSED CURB AND GUTTER	
(15B) CONCRETE BARRIER CURB, 6"	
(15C) CONCRETE BARRIER CURB, 7"	
(15D) DEPRESSED BARRIER CURB	
(G) EXISTING GUY WIRE	(W) EXISTING WATERMAIN
(L) EXISTING LIGHT POLE	(X) EXISTING CHAIN LINK FENCE
(T) EXISTING TELEPHONE	(TV) EXISTING CABLE TV
(E) EXISTING ELECTRICAL	(SF) EXISTING TREE LINE
(OH) EXISTING OVERHEAD ELECTRIC	(SF) EXISTING SILT FENCE
(P) EXISTING PIPELINE	(RW) RIGHT-OF-WAY
(S) EXISTING SANITARY	(PL) PROPERTY LINE / BUILDING LINE
(ST) EXISTING STORM	(SL) SECTION LINE

- CONSTRUCTION NOTES:**
- CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
  - CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
  - CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
  - ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH.
  - PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
  - CONTRACTOR TO PROOF-ROLL PAVEMENT AREAS PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
  - AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
  - ALL RADIUS DIMENSIONS ARE PROPOSED BACK OF CURB UNLESS SPECIFIED.
  - BICYCLE RACKS SHALL BE OF THE INVERTED U-STRUCTURE DESIGN.
  - BICYCLE RACKS SHALL ACCOMMODATE U-LOCKS/CHAINS AND SUPPORT BICYCLES AT TWO LOCATIONS ON THE RACK.
  - BICYCLE RACKS SHALL HAVE A THERMOPLASTIC POWDER COATING AND MUST BE ANCHORED SECURELY TO GROUND PER THE MANUFACTURER'S SPECIFICATIONS.
  - BICYCLE RACKS SHALL BE 2'x6" WITH A 5' WIDE ACCESS AISLE FROM BEHIND.
  - FLAG POLE SHALL BE 30' MOUNTING HEIGHT CONCORD AMERICAN FLAGPOLE #ESS30CS1-SAT (OR APPROVED EQUAL) WITH GOLD ANODIZED BALL TOP, 9" CAST ALUMINUM CLEAT, AND SPUN ALUMINUM FLASH COLLAR.

- AD-1 REVISIONS:**
- ADDED HEAVY DUTY PAVEMENT SECTION DETAIL.
  - REVISED PROPOSED PAVEMENT AT RECEIVING LOT AND EAST ADMINISTRATION LOT TO BE HEAVY DUTY PAVEMENT.
  - REVISED BARRIER CURB ALONG SIDEWALK EAST OF ADMINISTRATION BUILDING TO BE DEPRESS BARRIER CURB
  - REVISED DUMPSTER ENCLOSURE AREA TO INCLUDE MASONRY ENCLOSURE WITH GATE, REVISED CURB ALONG ENCLOSURE.
  - REVISED MECHANICAL YARD ENCLOSURE.
- AD-2 REVISIONS:**
- ADDED CALLOUT ON PROPOSED SIDEWALK REFERRING TO SHEET A-111 FOR DETAILED CONSTRUCTION NOTES NORTH OF SHOWN MATCH LINE.
  - ADDED FLAG POLE FOUNDATION DETAIL.
  - ADDED FLAG POLE CALLOUTS TO PLAN SHEET.
  - ADDED NOTE 13.
- AD-3 REVISIONS:**
- ADDED DISTANCES BETWEEN EXISTING AND PROPOSED BUILDINGS.

Wednesday, 5/11/2022 5:41:12 PM - LAST SAVED BY: MLML  
 X:\PROJECTS\GIBRALTAR\22-507 TRF\DWG\2022 0511\_LIFT\_MIDDLE SCHOOL\_DET\_03.DWG



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

PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA



**engineering, inc.**  
2421 173 Street, Hammond, Indiana, 46320  
Phone: (219) 844 8880 Fax: (219) 844 7754  
Your Vision • Our Focus

**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  
21-115  
DATE  
04/15/22  
COORDINATED BY  
MLM  
DRAWN BY  
MLM / SB  
CHECKED BY  
MLM

REGISTERED PROFESSIONAL ENGINEER  
STATE OF INDIANA  
NO. 11500308  
4/15/22

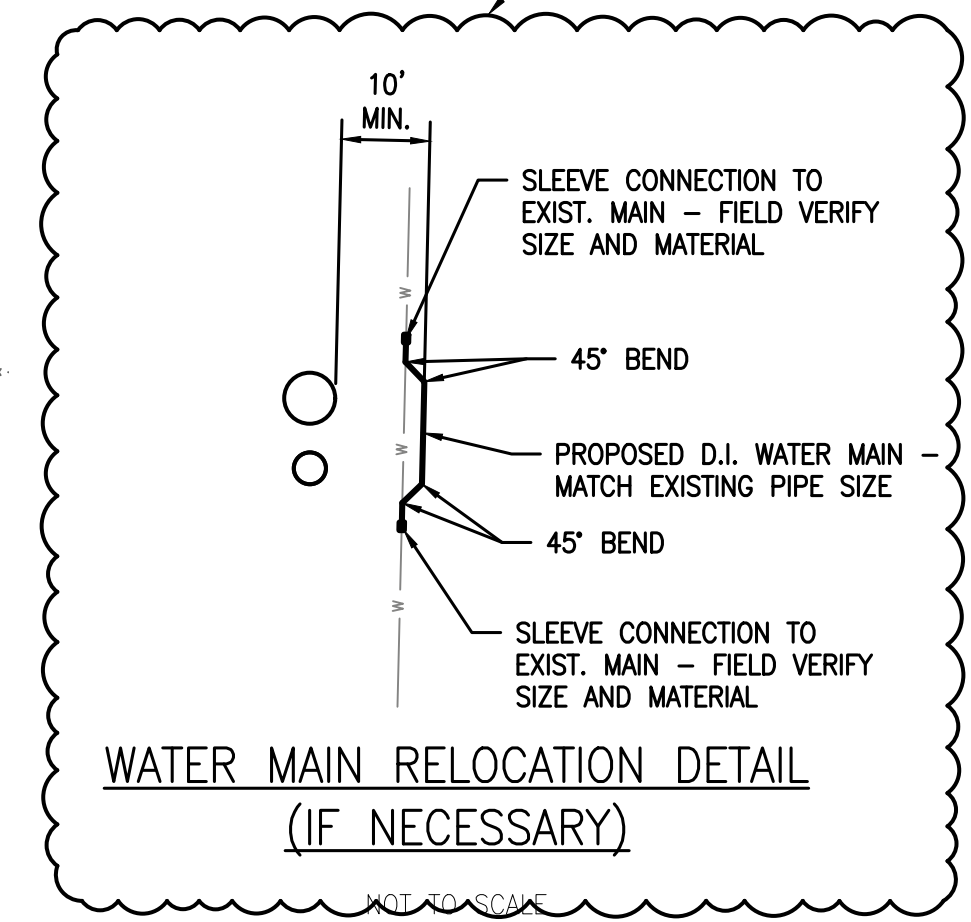
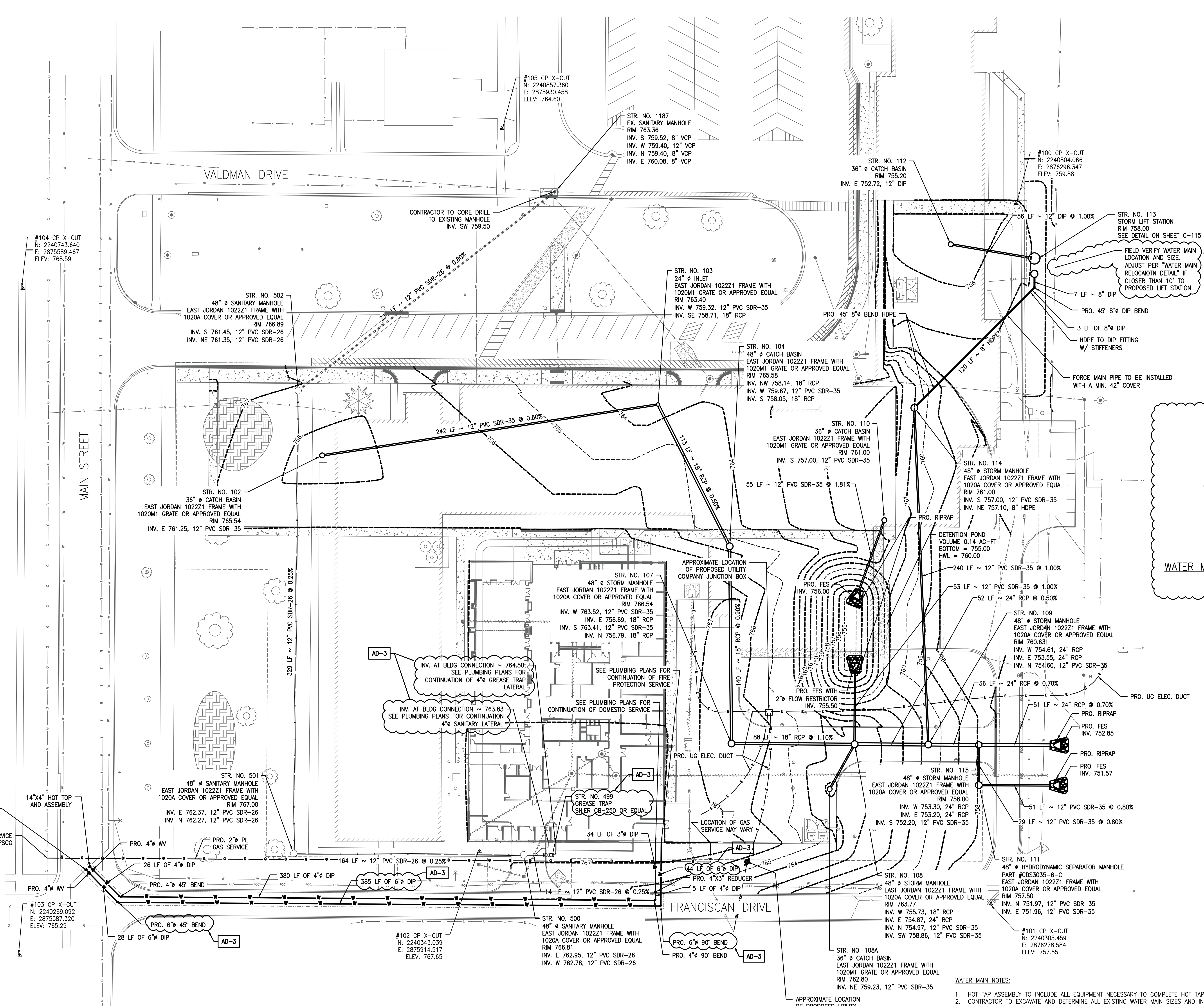
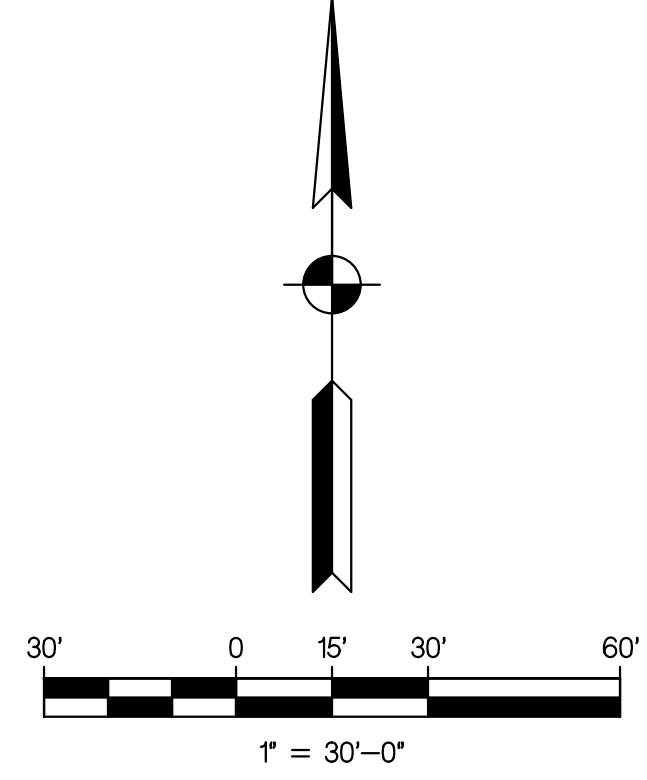
REVISIONS  
MARK DATE ISSUED FOR  
AD-2 05/05/22 ISSUED FOR ADDENDUM 2  
AD-3 05/12/22 ISSUED FOR ADDENDUM 3

MARK	DATE	ISSUED FOR
AD-2	05/05/22	ISSUED FOR ADDENDUM 2
AD-3	05/12/22	ISSUED FOR ADDENDUM 3

DRAWING  
**PROPOSED UTILITIES PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

SHEET  
**AD C-109**



**WATER MAIN NOTES:**

- HOT TAP ASSEMBLY TO INCLUDE ALL EQUIPMENT NECESSARY TO COMPLETE HOT TAP INCLUDING VALVE.
- CONTRACTOR TO EXCAVATE AND DETERMINE ALL EXISTING WATER MAIN SIZES AND INTERCONNECTS PRIOR TO CUTTING AND CAPPING THE WATER MAIN THAT IS GOING TO BE REMOVED FROM SERVICE. ALL VALVES REMOVED FROM SERVICE SHALL BE TURNED CLOSED AND BURIED BEFORE ASPHALT SURFACE.
- ALL INSTALLED DUCTILE IRON WATER PIPE TO HAVE A MINIMUM COVER OF 5' DEPTH ALONG THE ENTIRE LENGTH OF THE PROJECT.
- FOR DUCTILE IRON PIPE INSTALLATION: THICKNESS 52 FOR TYPICAL DISTRIBUTION MAINS 12" NOMINAL SIZE AND SMALLER. WHEN RESTRAINT OF PIPE-TO-PIPE JOINTS ARE REQUIRED, PUSH-ON RESTRAINING GASKETS WITH INTEGRAL STAINLESS STEEL LOCKING SEGMENTS ARE PERMITTED ON PIPE-TO-PIPE CONNECTIONS 12" NOMINAL SIZE AND SMALLER.
- ALL WATER MAIN FITTINGS SHALL BE DUCTILE IRON MECHANICAL JOINT COMPACT FITTINGS PER AWWA C153. ALL WATER MAIN VALVES SHALL BE MECHANICAL JOINT RESILIENT WEDE GATE VALVES PER AWWA C515.
- POLYETHYLENE ENCASEMENT SHALL BE PROVIDED FOR ALL DUCTILE IRON WATER PIPE ALONG THE ENTIRE LENGTH OF THE PROJECT. CONTRACTOR SHALL USE 8 MILL POLYETHYLENE ENCASEMENT AND SHALL INSTALL ENCASEMENT PER ANSI/AWWA C105/A21.5 SPECIFICATION.
- ALL M/T-BOLTS AND FLANGE BOLTS SHALL HAVE NYLON OR FLUOROKOTITE #1 CORROSION RESISTANT COATING.
- THURST RESTRAINT TO BE ACHIEVED THROUGH RESTRAINT OF PIPE JOINTS AND FITTINGS. THRUST BLOCKS ARE NOT AN ACCEPTABLE MEANS OF THRUST RESTRAINT, EXCEPT WHEN REQUIRED IN CONNECTING EXISTING WATER MAIN AND FOR INSTALLATION OF FIRE HYDRANTS. SEE THE RESTRAINED PIPE LENGTH TABLE ON DETAILS SHEET C-109 FOR PIPE JOINT RESTRAINT REQUIREMENTS FOR DUCTILE IRON PIPE.
- COPPER-CLAD STEEL TRACER WIRE REQUIRED ON INSTALLATION OF ALL PIPE. TRACER WIRE SHALL BE TAPED TO PIPE OR POLYETHYLENE ENCASEMENT AT A MINIMUM SPACING OF 10-FEET. SPLICES SHALL BE ENCASED IN WATERPROOF CONNECTORS. WIRE AND CONNECTORS ARE TO BE COMPATIBLE AND FROM THE SAME MANUFACTURER. DETECTABLE TAPE IS REQUIRED ONE FOOT ABOVE ABOVE PIPE. CONTINUITY SHALL BE TESTED AFTER COMPLETION OF BACKFILL.
- WATER MAIN ISOLATION BY MEANS OF VALVE CLOSURE SHALL BE COORDINATED WITH THE CROWN POINT PUBLIC WORKS DEPARTMENT.
- FIRE AND DOMESTIC WATER SERVICES SHALL BE INSTALLED WITH A CENTER TO CENTER SEPARATION OF 4' MIN., 4 1/2' MAX.
- MAINTAIN 8'-FEET OF HORIZONTAL SEPARATION FROM SANITARY AND STORM STRUCTURES. SEE 327 IAC 8-3.2-9 OF THE INDIANA ADMINISTRATIVE CODE FOR MORE INFORMATION.

**AD-2 REVISIONS:**

- ADDED WATER MAIN TO LIFT STATION CLEARANCE CALLOUT.
- ADDED "WATER MAIN RELOCATION DETAIL".
- REVISED FIRE SERVICE PIPE TO BE 6" DIAMETER.
- REVISED SANITARY SERVICE PIPE SIZES EXISTING BUILDING TO BE 4" DIAMETER.
- ADDED PART NUMBER OF STR. 499 GREASE TRAP.

**AD-3 REVISIONS:**

- CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
- CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
- PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
- ALL PROPOSED STRUCTURE PIPE OPENINGS SHALL HAVE RUBBER BOOTS TO ACCEPT THE APPROPRIATE PIPE SIZE. OPENINGS IN STRUCTURES SHALL NOT BE SAW CUT AND PIPE OPENINGS SHALL NOT BE SEALED WITH BRICK AND MORTAR.
- CONTRACTOR TO INSTALL BOOT AT ALL DOWNSPOUT LOCATIONS. SEE PLUMBING PLANS FOR DOWNSPOUT STORM CONNECTION DETAIL.
- ALL PROPOSED DOWNSPOUT LATERALS SHALL BE 6" PVC SDR-35 AND CONNECT TO THE PROPOSED STORM PIPE BY 12"X6" WYE OR APPROVED EQUAL.

**UTILITY NOTES:**

- CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
- CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
- PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
- ALL PROPOSED STRUCTURE PIPE OPENINGS SHALL HAVE RUBBER BOOTS TO ACCEPT THE APPROPRIATE PIPE SIZE. OPENINGS IN STRUCTURES SHALL NOT BE SAW CUT AND PIPE OPENINGS SHALL NOT BE SEALED WITH BRICK AND MORTAR.
- CONTRACTOR TO INSTALL BOOT AT ALL DOWNSPOUT LOCATIONS. SEE PLUMBING PLANS FOR DOWNSPOUT STORM CONNECTION DETAIL.
- ALL PROPOSED DOWNSPOUT LATERALS SHALL BE 6" PVC SDR-35 AND CONNECT TO THE PROPOSED STORM PIPE BY 12"X6" WYE OR APPROVED EQUAL.

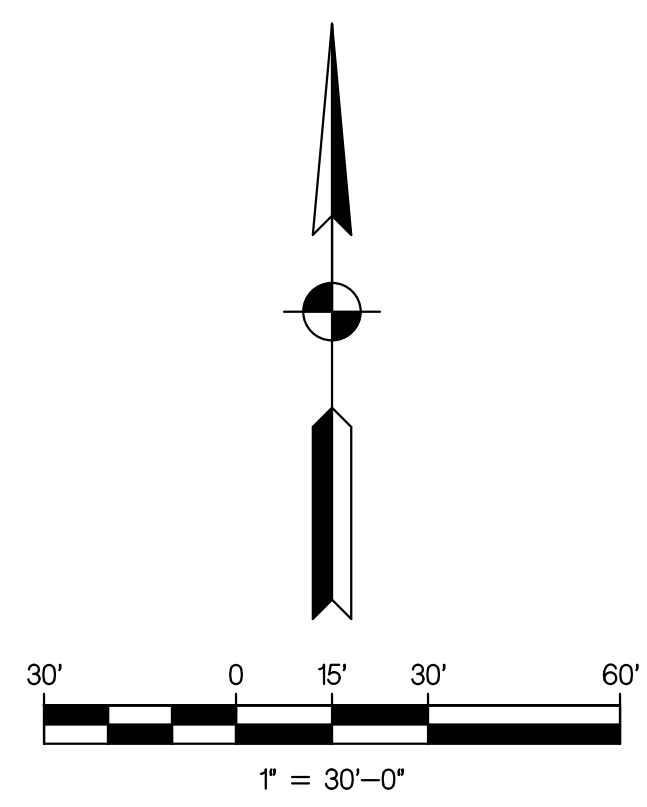
**LEGEND**

	EXISTING TREE		EXISTING GUY WIRE		EXISTING GAS		EXISTING WATERMAIN
	EXISTING FIRE HYDRANT		EXISTING TELEPHONE		EXISTING CHAIN LINK FENCE		EXISTING TREE LINE
	EXISTING WATER VALVE		EXISTING CABLE TV		SILT FENCE		RIGHT-OF-WAY
	EXISTING BUFFALO BOX		EXISTING ELECTRICAL		PROPERTY LINE / BUILDING LINE		SECTION LINE
	EXISTING MAN HOLE		EXISTING OVERHEAD ELECTRIC		SECTION LINE		PROPOSED ELECTRICAL
	EXISTING CATCH BASIN		EXISTING PIPELINE				
	EXISTING INLET		EXISTING SANITARY				
	EXISTING UTILITY POLE		EXISTING STORM				

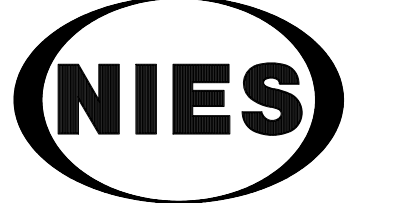
Wednesday, 5/11/2022, 3:42 PM - LAST SAVED BY: MLM  
 PROJECT: GIBRALTAR 22-507 TRF7.DWG: 2022\_0511\_TWT\_MIDDLE SCHOOL\_187.DWG



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



PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA



**engineering, inc.**  
2421 173 Street, Hammond, Indiana, 46323  
Phone: (219) 844 8880 Fax: (219) 844 7754  
Your Vision • Our Focus

**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: 21-115  
DATE: 04/15/22  
COORDINATED BY: MLM  
DRAWN BY: MLM / SB  
CHECKED BY: MLM  
4/15/22

**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	04/28/22	ADDENDUM 1
AD-3	05/12/22	ADDENDUM 3

**DRAWING**  
PROPOSED LANDSCAPE, STRIPING, AND SIGNAGE PLAN

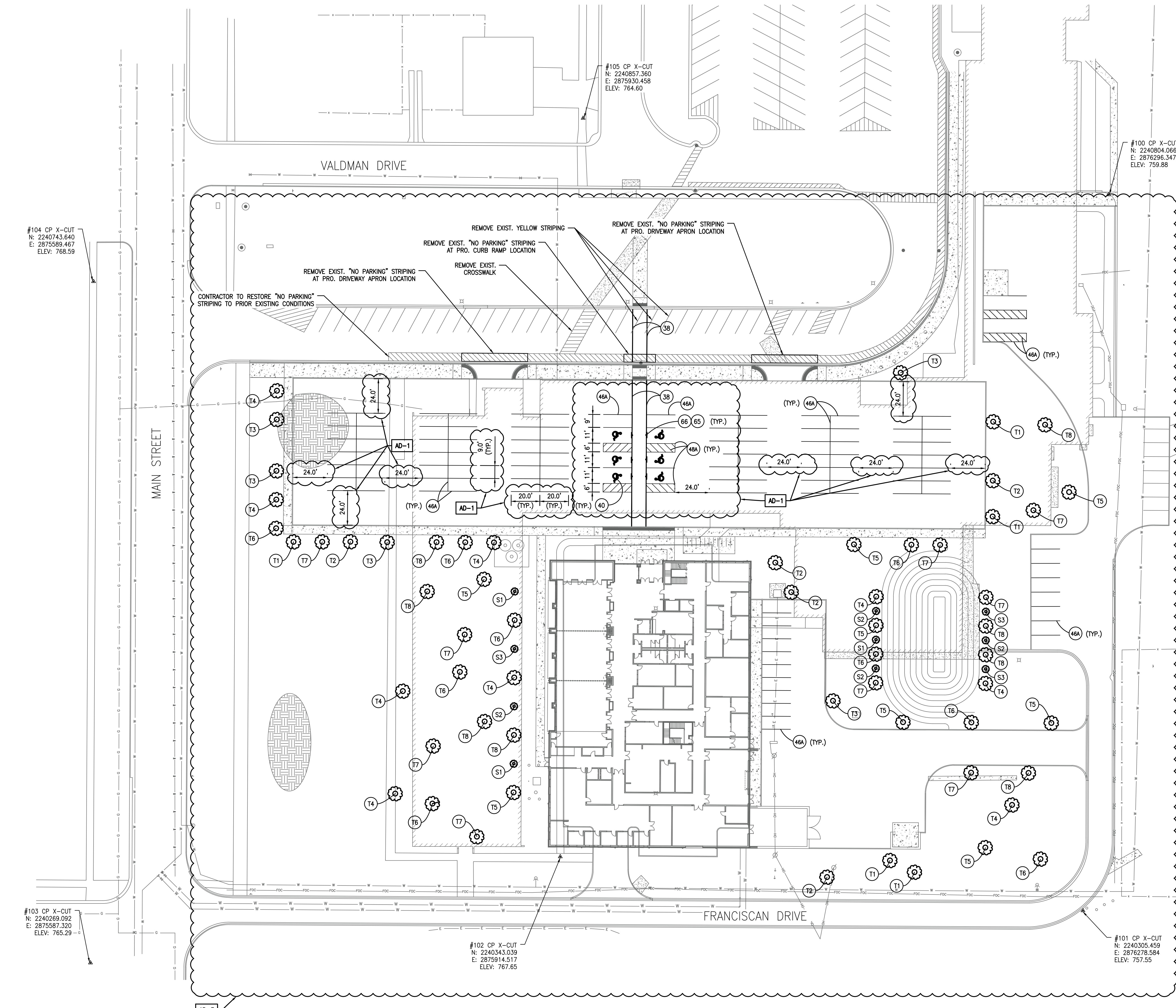
**CONSTRUCTION NOTES:**

- ALL OPEN AREAS TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED. ALL DEBRIS TO BE REMOVED PRIOR TO PLACEMENT OF TOPSOIL.
- TOPSOIL TO BE LIGHTLY COMPACTED PRIOR TO PLACEMENT OF SOD/MULCH SEED. ANY AREAS WHERE SOD IS PLACED MUST BE ROLLED AFTER INITIAL WATERING.
- NO OVERLAPS OR GAPS WHERE SOD IS INSTALLED WILL BE ACCEPTED. ALL SOD TO HAVE TIGHT JOINTS, INCLUDING TRANSITIONS TO EXISTING GRASS AREAS.
- ANY ADDITIONAL AREAS DISTURBED DUE TO CONSTRUCTION SHALL BE REPAIRED.

**PROJ**  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

**AD-3 REVISIONS:**  
1. REVISED ADA PARKING LAYOUT AND ADDED MORE TREES.  
2. ADDED TREE SPECIES TO LEGEND AND REVISED CALLOUTS.

**AD C-111**



LEGEND			
38	TRANSVERSE MARKING, PAINT, CROSSWALK STRIPING, 6"	S1	SHRUB, GRAY DOGWOOD
40	PVMT MESSAGE MARKING, PAINT, HANDICAP SYMBOL	S2	SHRUB, KOREAN SPICE VIBURNUM
46A	SOLID LINE, PAINT, WHITE, 4"	S3	SHRUB, SUMMERWINE NINEBARK
48A	SOLID LINE, PAINT, BLUE, 4"	T1	TREE, SERVICEBERRY
65	R7-8, SIGN, "RESERVED PARKING", 12"x18"	T2	TREE, FLOWERING DOGWOOD
66	R7-8B, SIGN, "VAN ACCESSIBLE", 12"x6"	T3	TREE, PAPERBARK MAPLE
		T4	TREE, TULIP TREE
		T5	TREE, GINKGO
		T6	TREE, RIVER BIRCH
		T7	TREE, BLACK GUM
		T8	TREE, SWAMP WHITE OAK
			EXISTING TREE
			EXISTING FIRE HYDRANT
			EXISTING WATER VALVE
			EXISTING BUFFALO BOX
			EXISTING MAN HOLE
			EXISTING CATCH BASIN
			EXISTING INLET
			EXISTING UTILITY POLE
			EXISTING GUY WIRE
			EXISTING LIGHT POLE
			EXISTING TELEPHONE BOX
			EXISTING SIGN
			CONTROL POINT
			PROPERTY CORNER
			EXISTING GAS
			EXISTING TELEPHONE
			EXISTING CABLE TV
			EXISTING ELECTRICAL
			EXISTING OVERHEAD ELECTRIC
			EXISTING PIPELINE
			EXISTING SANITARY
			EXISTING STORM
			EXISTING WATERMAIN
			EXISTING CHAIN LINK FENCE
			EXISTING TREE LINE
			SILT FENCE
			RIGHT-OF-WAY
			PROPERTY LINE / BUILDING LINE
			SECTION LINE

Wednesday, 5/11/2022 - 3:12 PM - LAST SAVED BY: MLML  
 X:\PROJECTS\GIBRALTAR\22-507 TAFT\DWG\2022\_0511\_LAND MIDDLE SCHOOL\_LAND.DWG

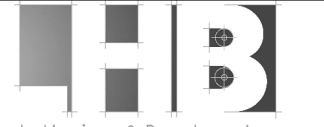








**GIBRALTAR**  
DESIGN  
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

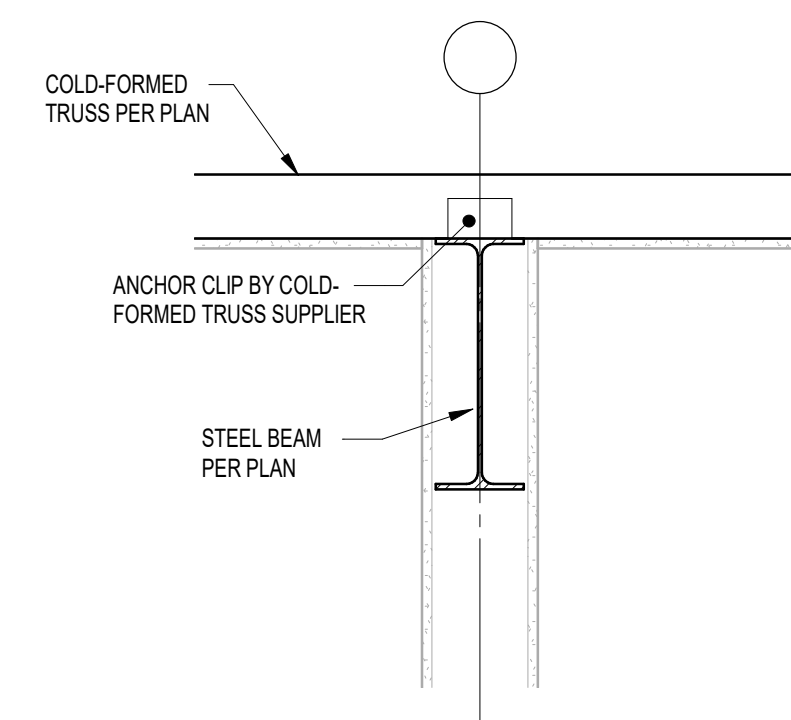


PROJECT:  
**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, AND  
RELATED WORK**

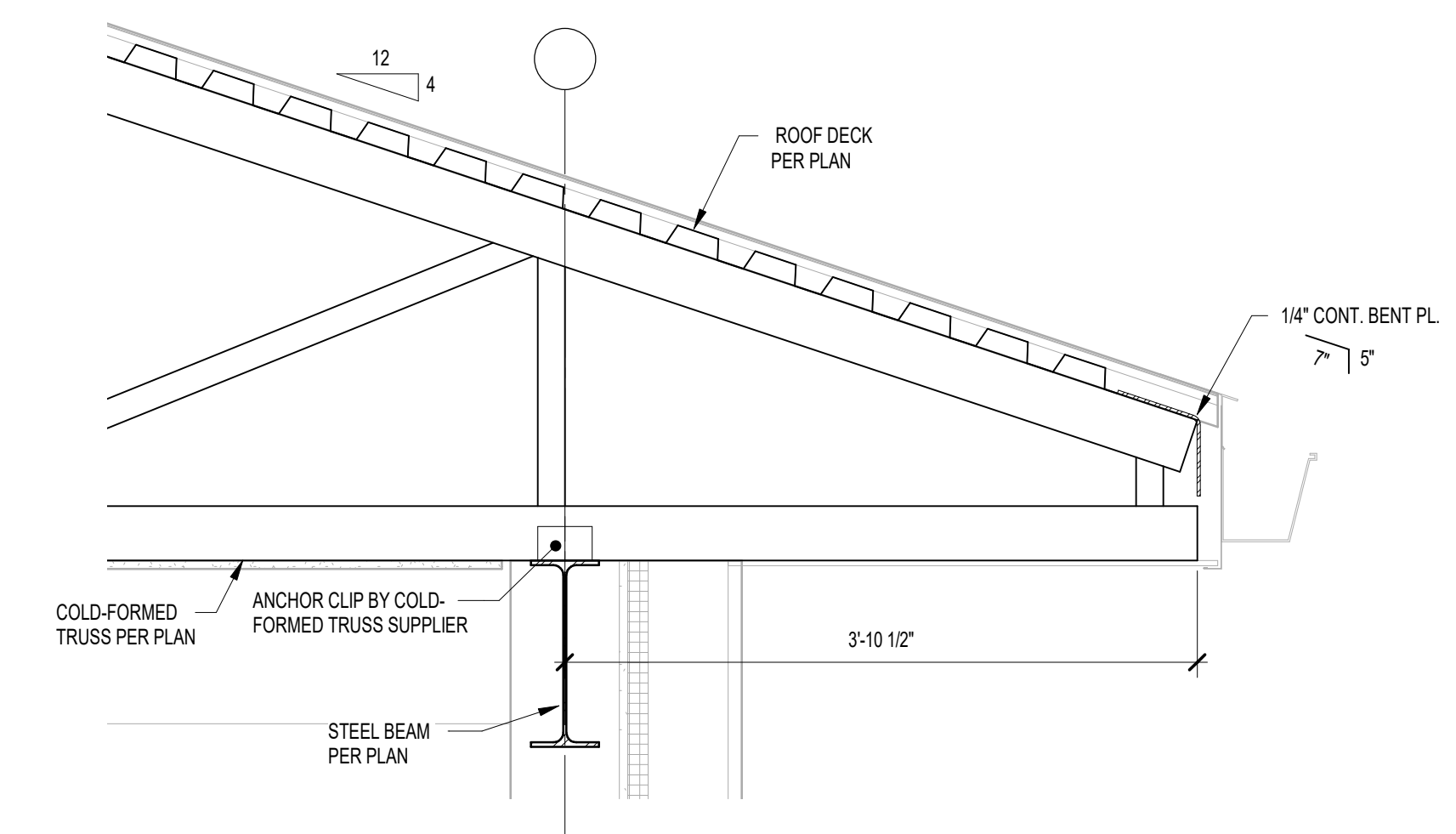
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

**PREFAB. TRUSS ELEVATION GENERAL NOTES**

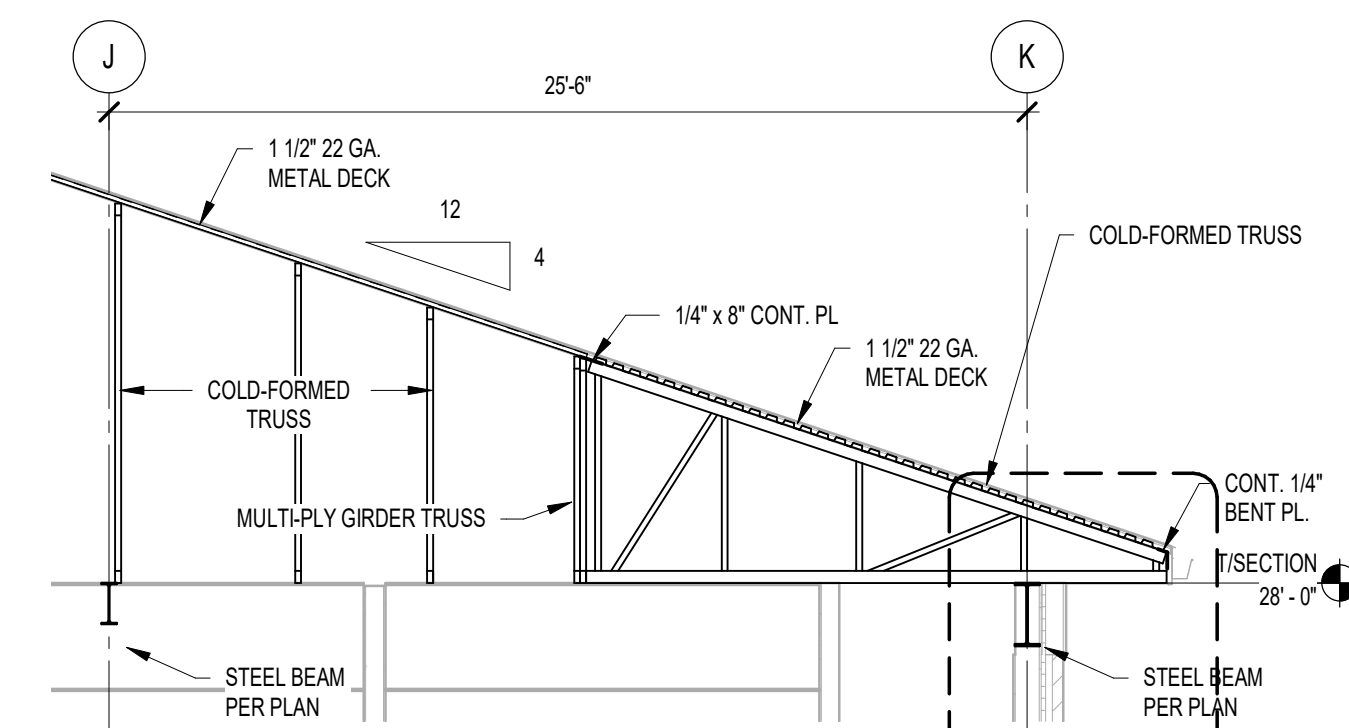
1. REFER TO THE "PREFABRICATED, COLD-FORMED LIGHT GA. METAL TRUSSES" FOR DESIGN CRITERIA AND ADDITIONAL NOTES / REQUIREMENTS.
2. ARRANGEMENT OF TRUSS MEMBERS IS FOR ILLUSTRATIVE PURPOSES ONLY. ACTUAL TRUSS MEMBER SIZE AND CONFIGURATION TO BE DETERMINED BY TRUSS DESIGNER.
3. TRUSS DESIGNER SHALL DESIGN AND PROVIDE BRACING AND/OR BLOCKING TO TRANSFER THE DIAPHRAGM SHEAR FOR OF 150 PLF (WIND SERVICE LEVEL) INTO THE SUPPORTING STRUCTURE.
4. DESIGN TRUSSES SPANNING CORRIDORS FOR ADD'L DEAD LOAD AS SHOWN. LOAD PAIR MAY BE LOCATED ANYWHERE ALONG THE BOTTOM CHORD.



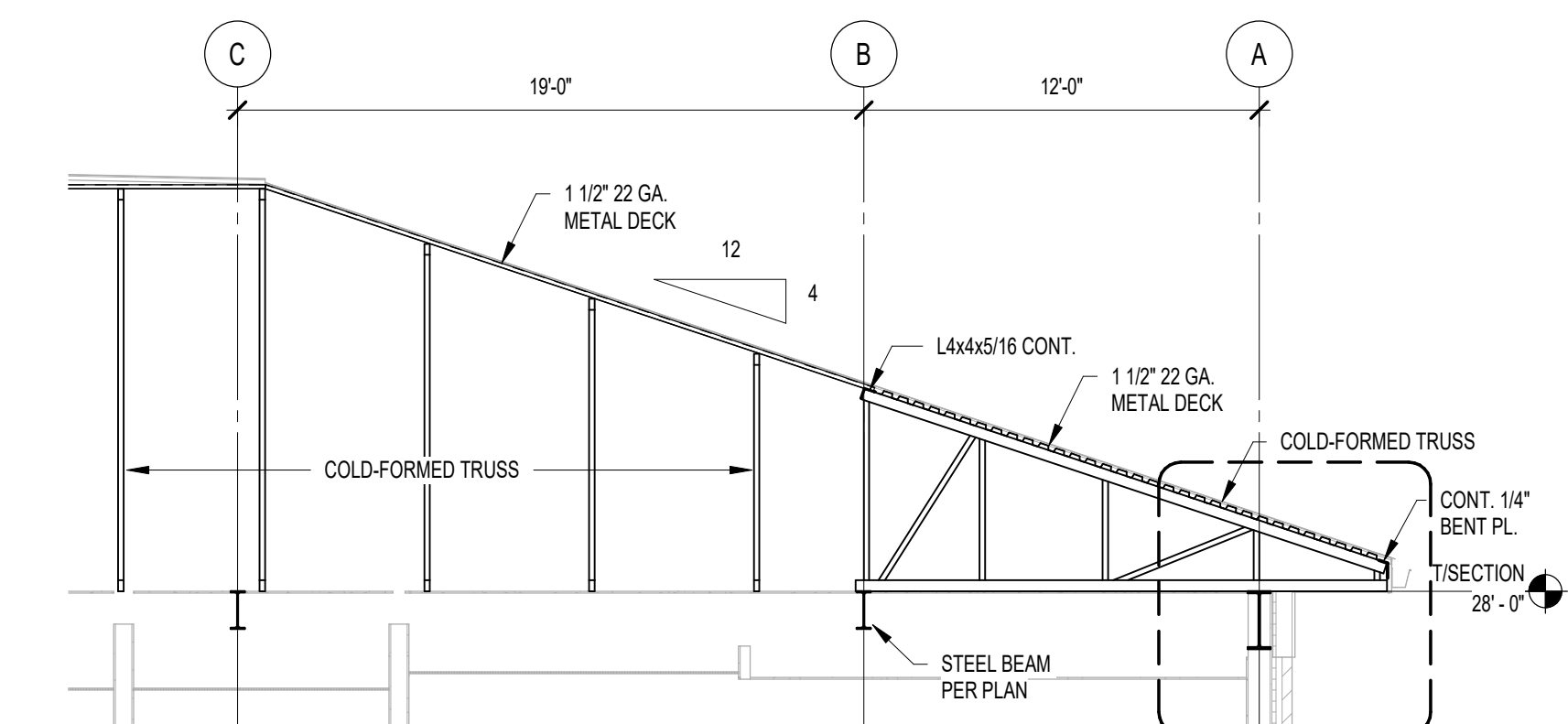
**5** STRUCTURAL FRAMING SECTION  
1" = 1'-0"



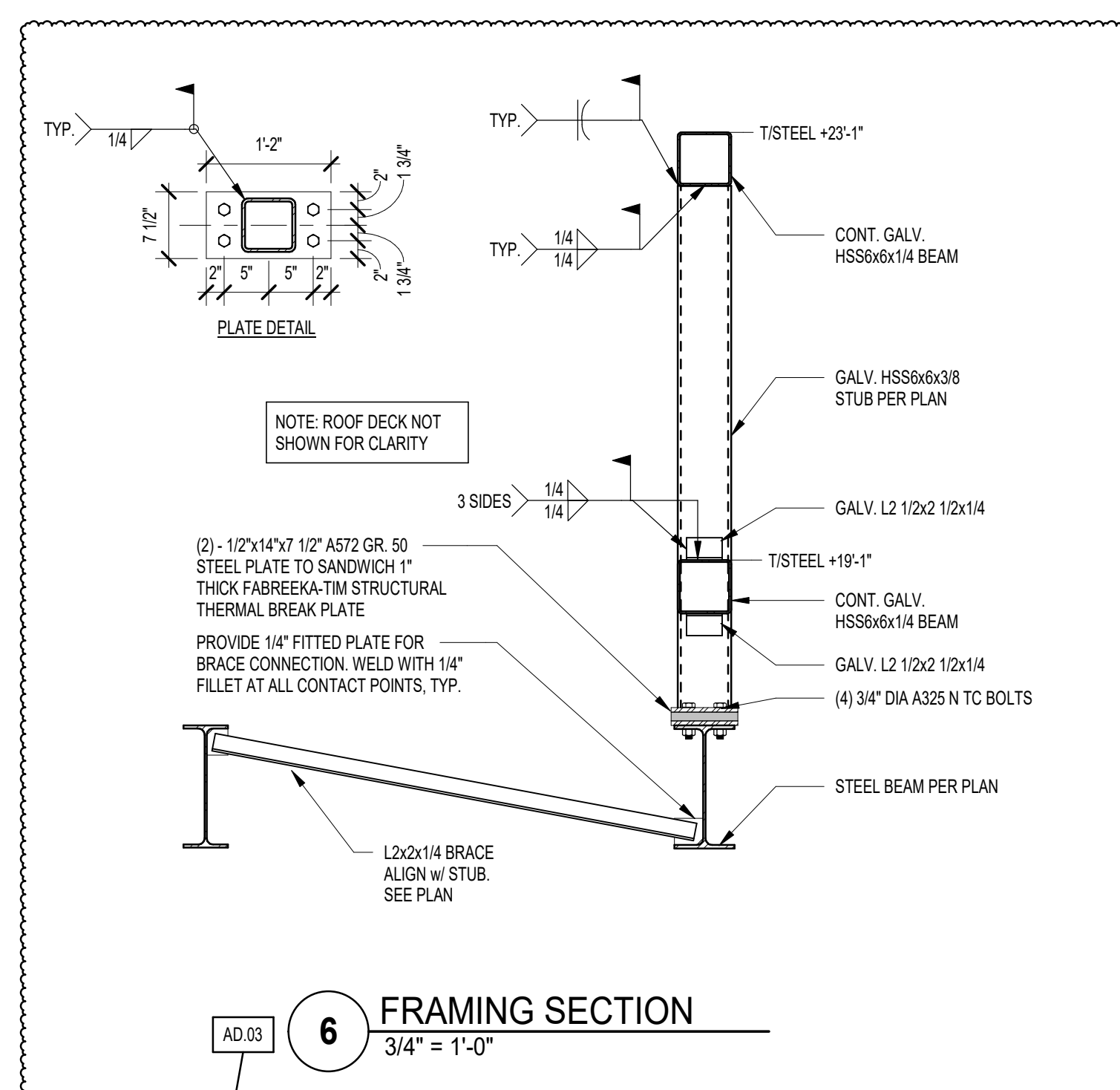
**4** STRUCTURAL FRAMING SECTION  
1" = 1'-0"



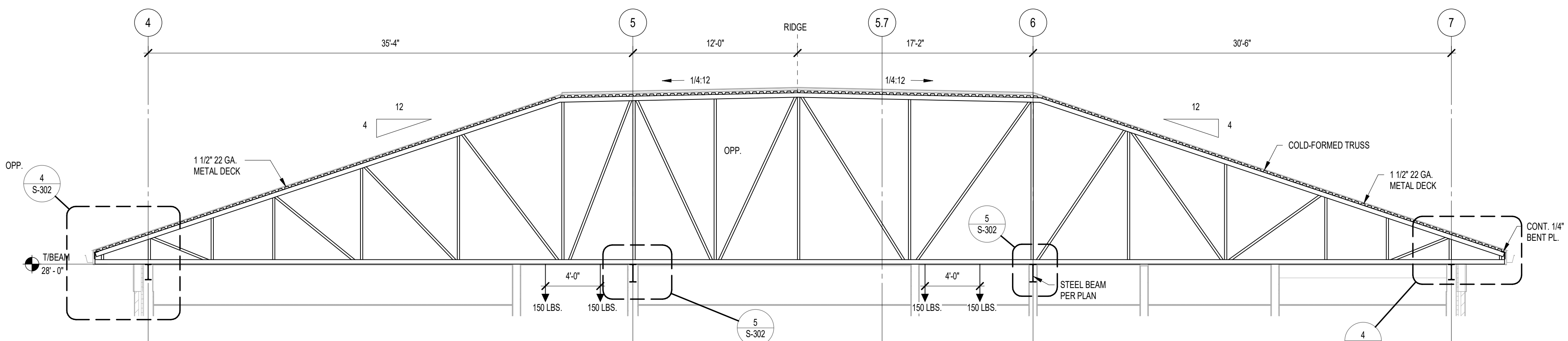
**3** STRUCTURAL FRAMING SECTION  
3/16" = 1'-0"



**2** STRUCTURAL FRAMING SECTION  
3/16" = 1'-0"



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



**1** STRUCTURAL FRAMING SECTION  
3/16" = 1'-0"

**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

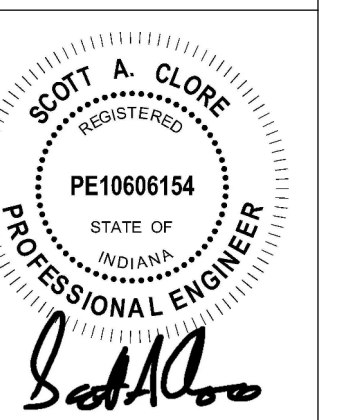
PROJECT  
21-115

DATE  
04/15/22

COORDINATED BY  
DJL

DRAWN BY  
DJL

CHECKED BY  
SAC



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
2	5/12/22	ADDENDUM 3

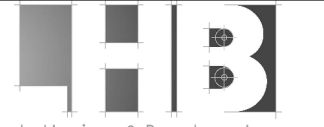
DRAWING  
**STRUCTURAL BUILDING  
SECTIONS**

PROJECT  
NEW ADMINISTRATION CENTER,  
ALTERNATIVE EDUCATION & RESOURCE CENTER,  
AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD S-302**



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

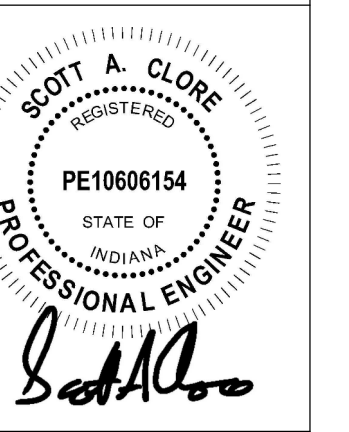


PROJECT:  
**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, AND  
RELATED WORK**  
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GIBRALTAR DESIGN**

9102 N. Meridian St., Ste. 300  
Indianapolis, IN 46260  
Homepage: www.GibraltarDesign.com  
Email: info@GibraltarDesign.com  
Phone: 317.580.5777 Fax: 317.580.5776

PROJECT  
21-115  
DATE  
04/15/22  
COORDINATED BY  
DJL  
DRAWN BY  
DJL  
CHECKED BY  
SAC



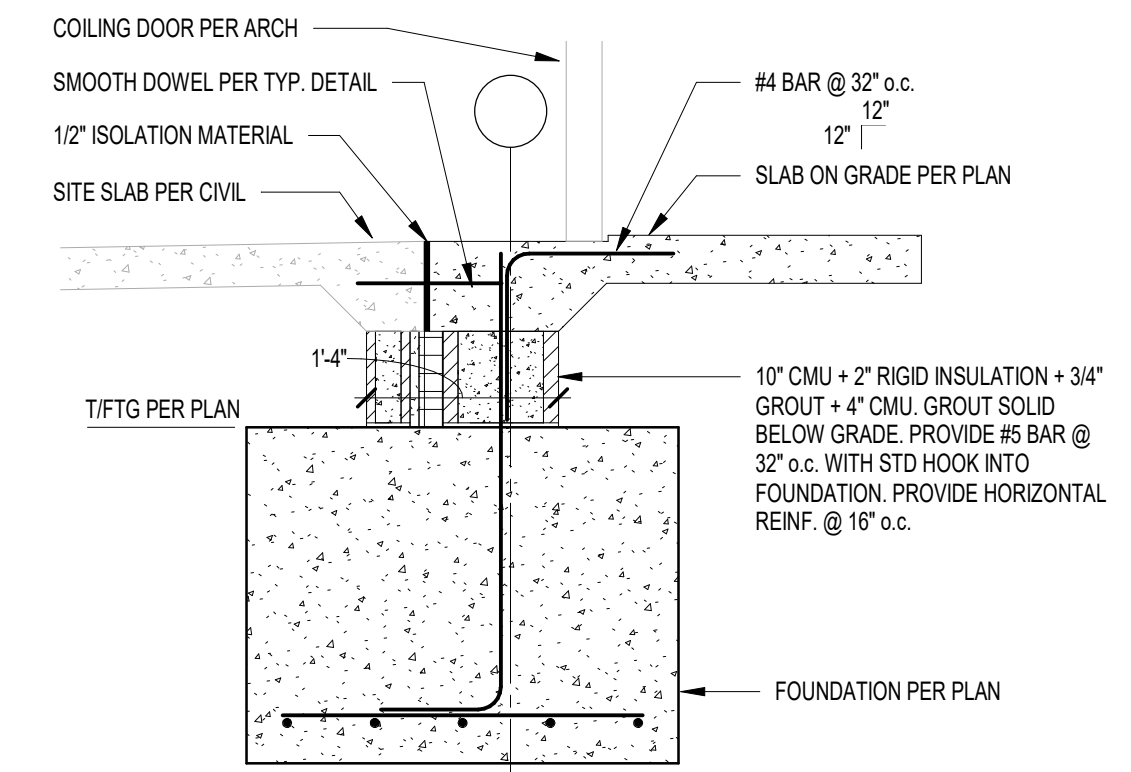
**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE CREATED FOR USE ON THIS PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSES WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS		
MARK	DATE	ISSUED FOR
2	5/12/22	ADDENDUM 3

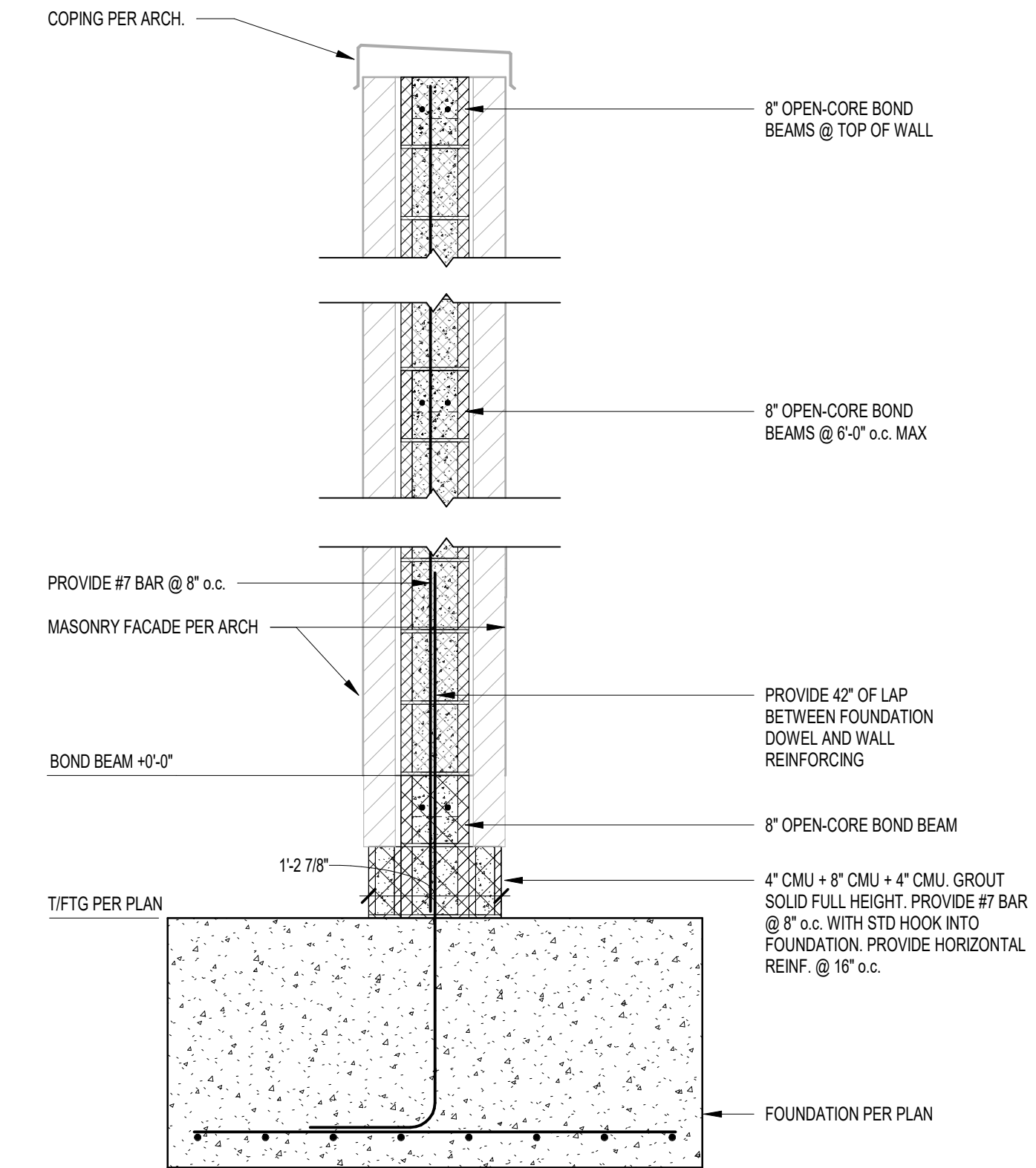
**FOUNDATION SECTIONS**

PROJECT  
NEW ADMINISTRATION CENTER,  
ALTERNATIVE EDUCATION & RESOURCE CENTER,  
AND RELATED WORK

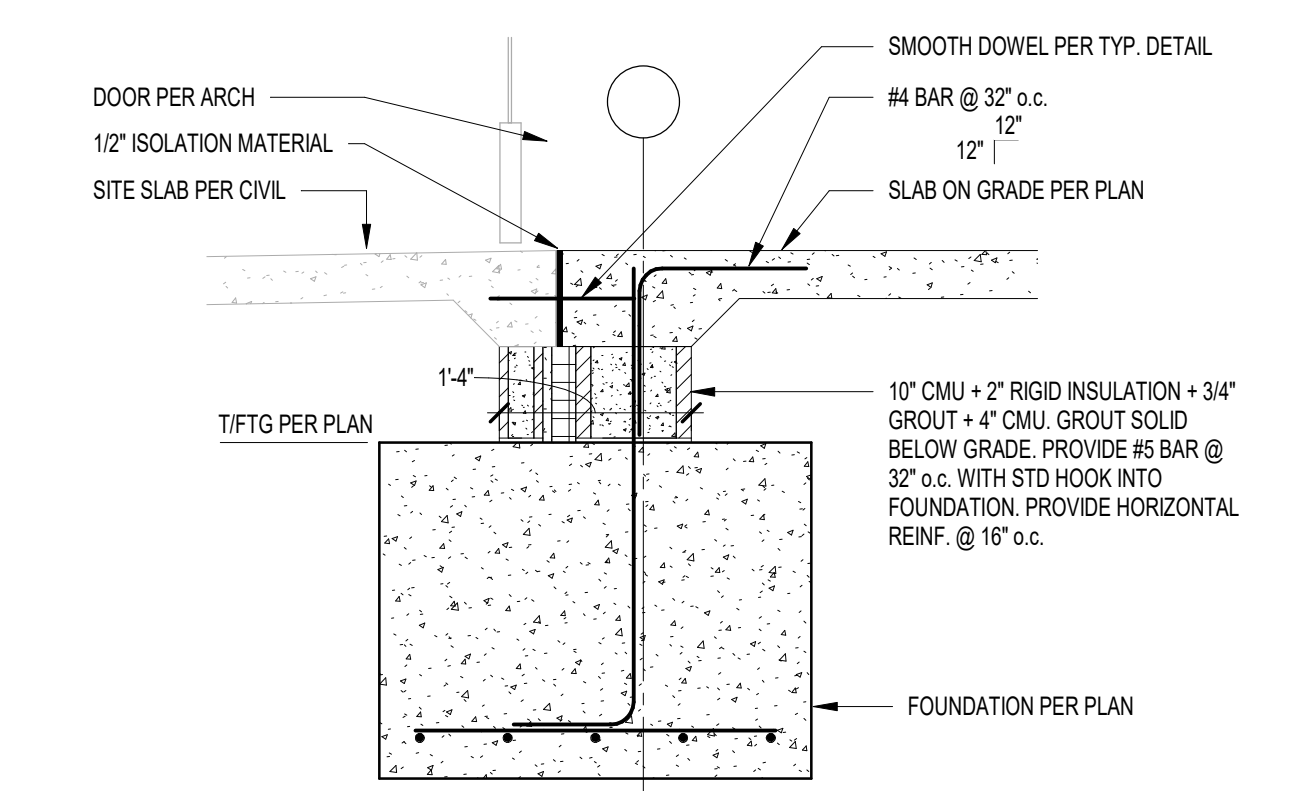
© GIBRALTAR DESIGN SHEET  
**AD S-403**



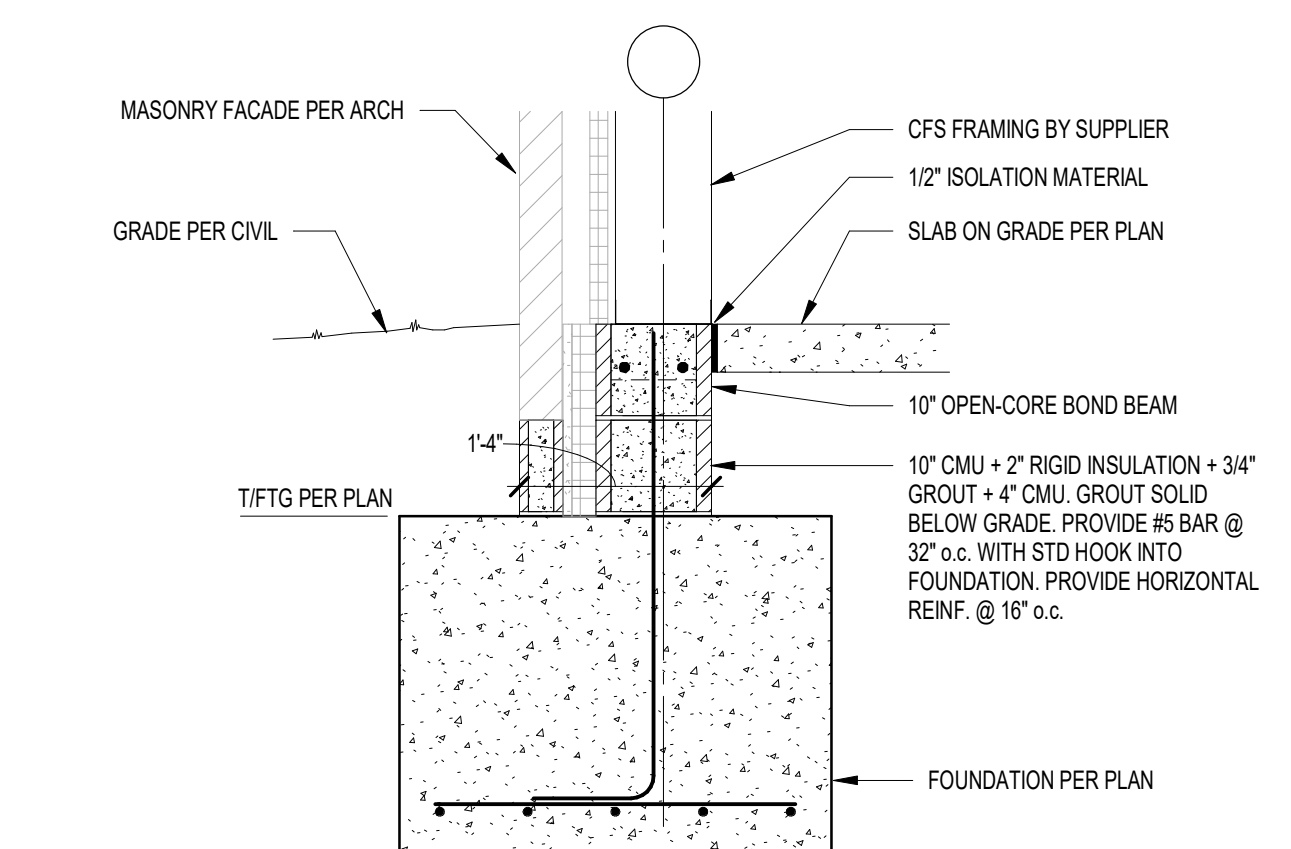
**4 FOUNDATION SECTION**  
3/4" = 1'-0"



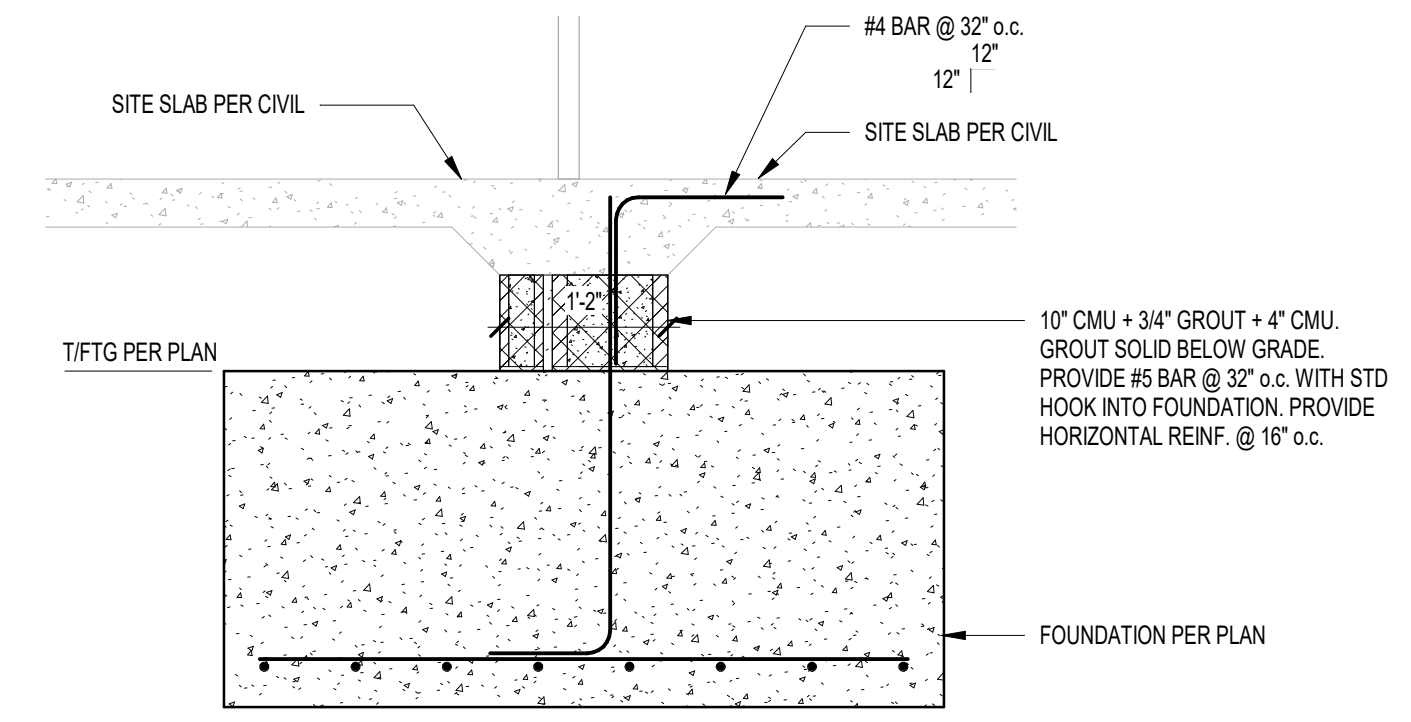
**3 FOUNDATION SECTION**  
3/4" = 1'-0"



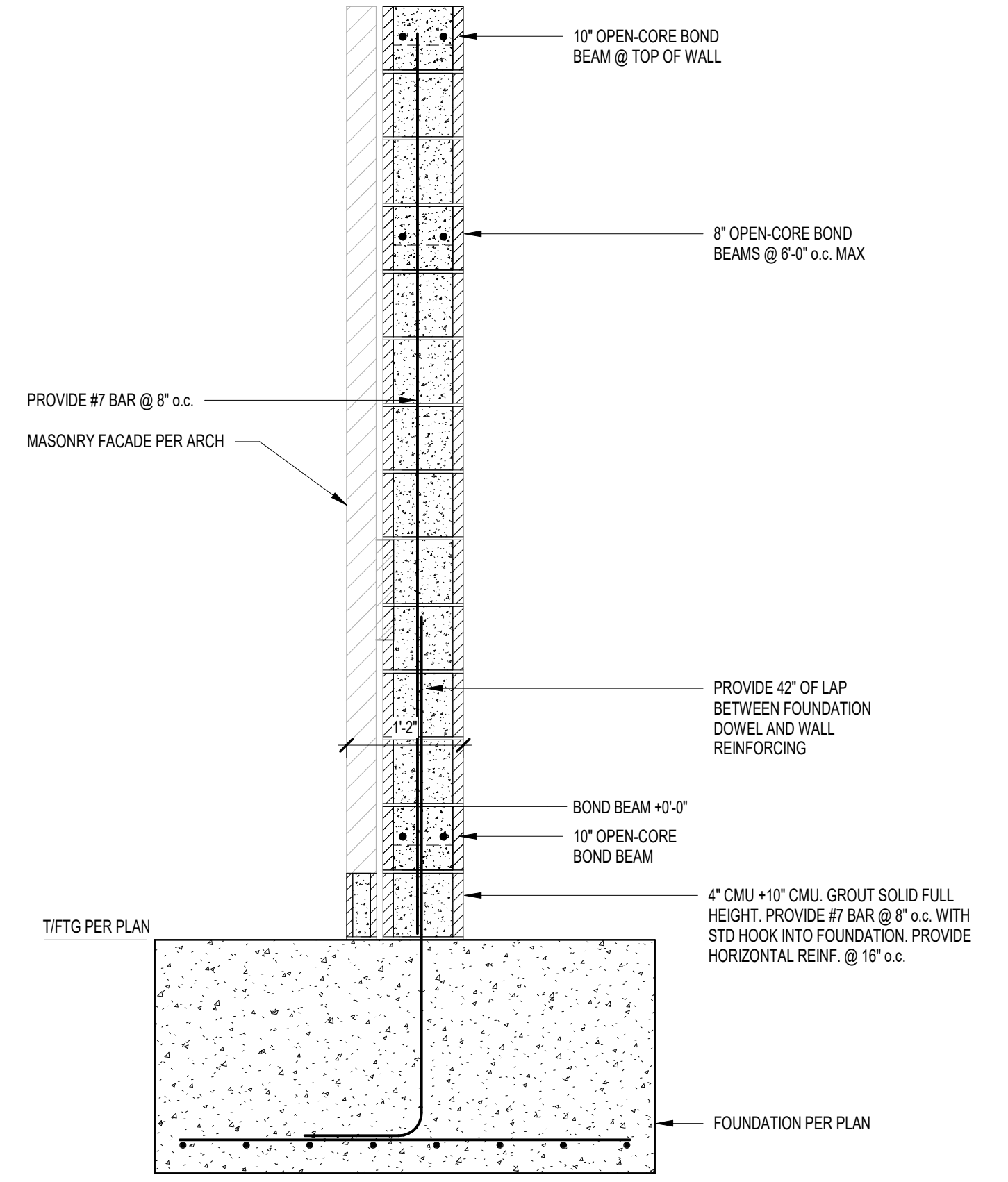
**2 FOUNDATION SECTION**  
3/4" = 1'-0"



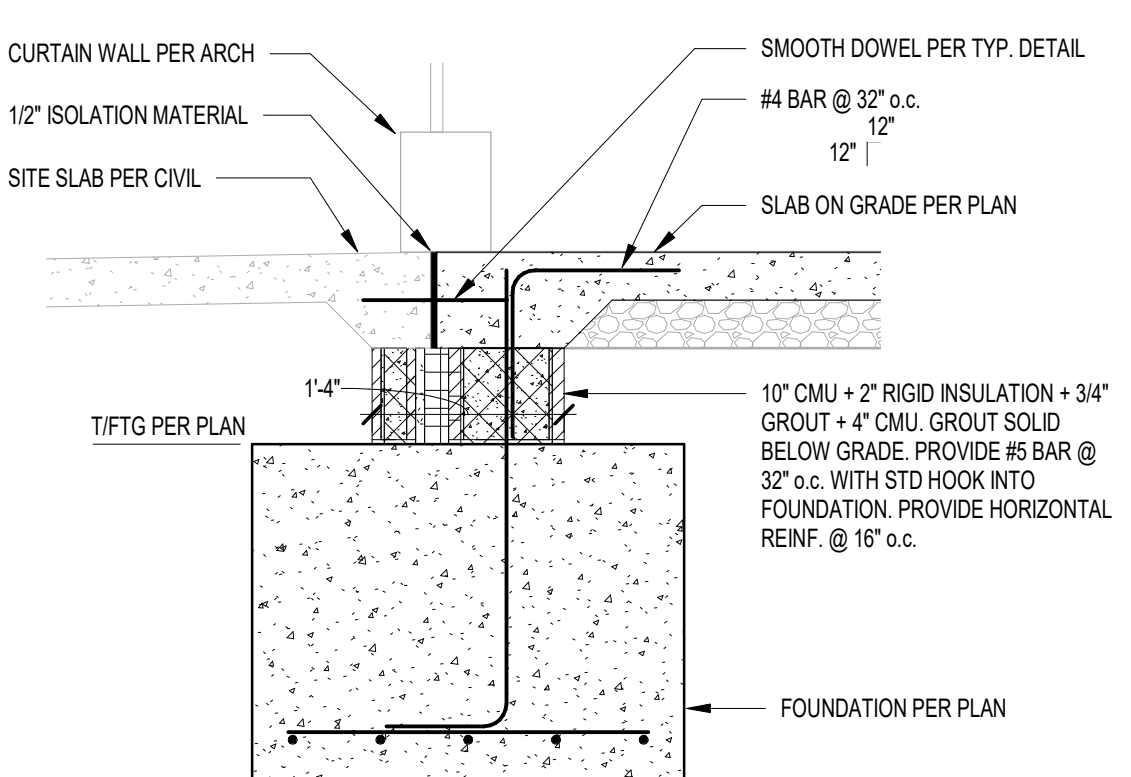
**1 FOUNDATION SECTION**  
3/4" = 1'-0"



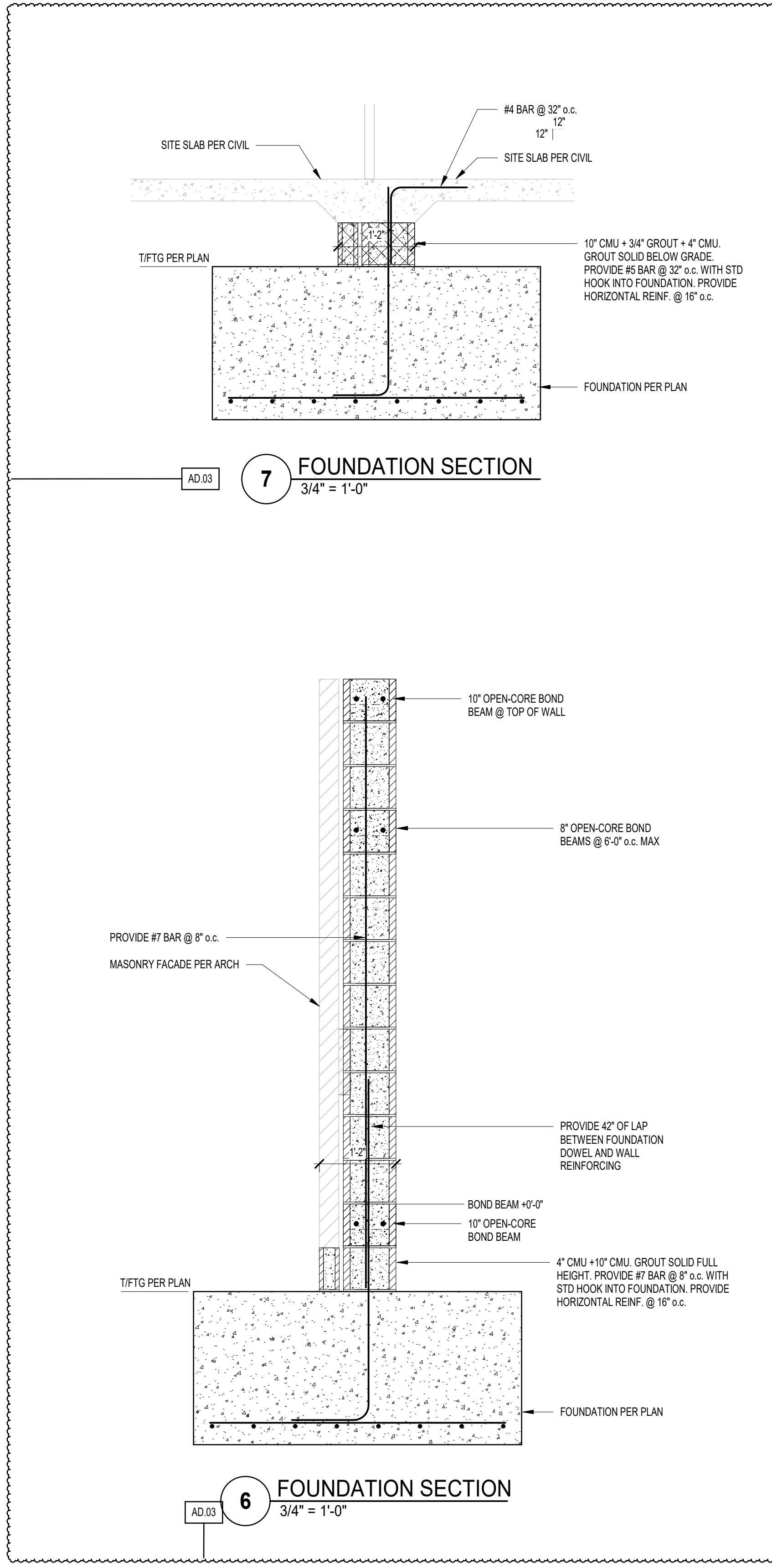
**7 FOUNDATION SECTION**  
3/4" = 1'-0"

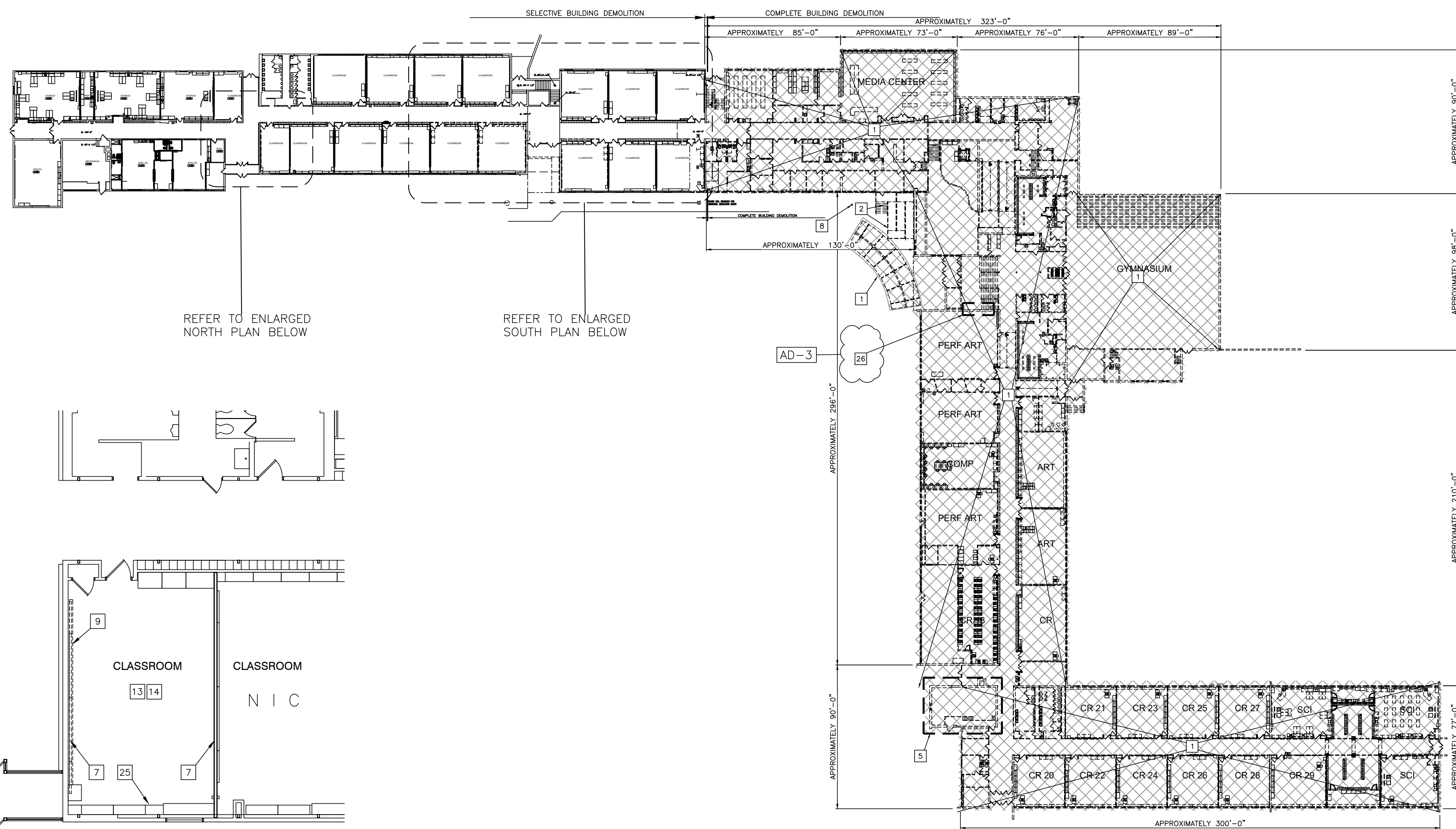


**6 FOUNDATION SECTION**  
3/4" = 1'-0"

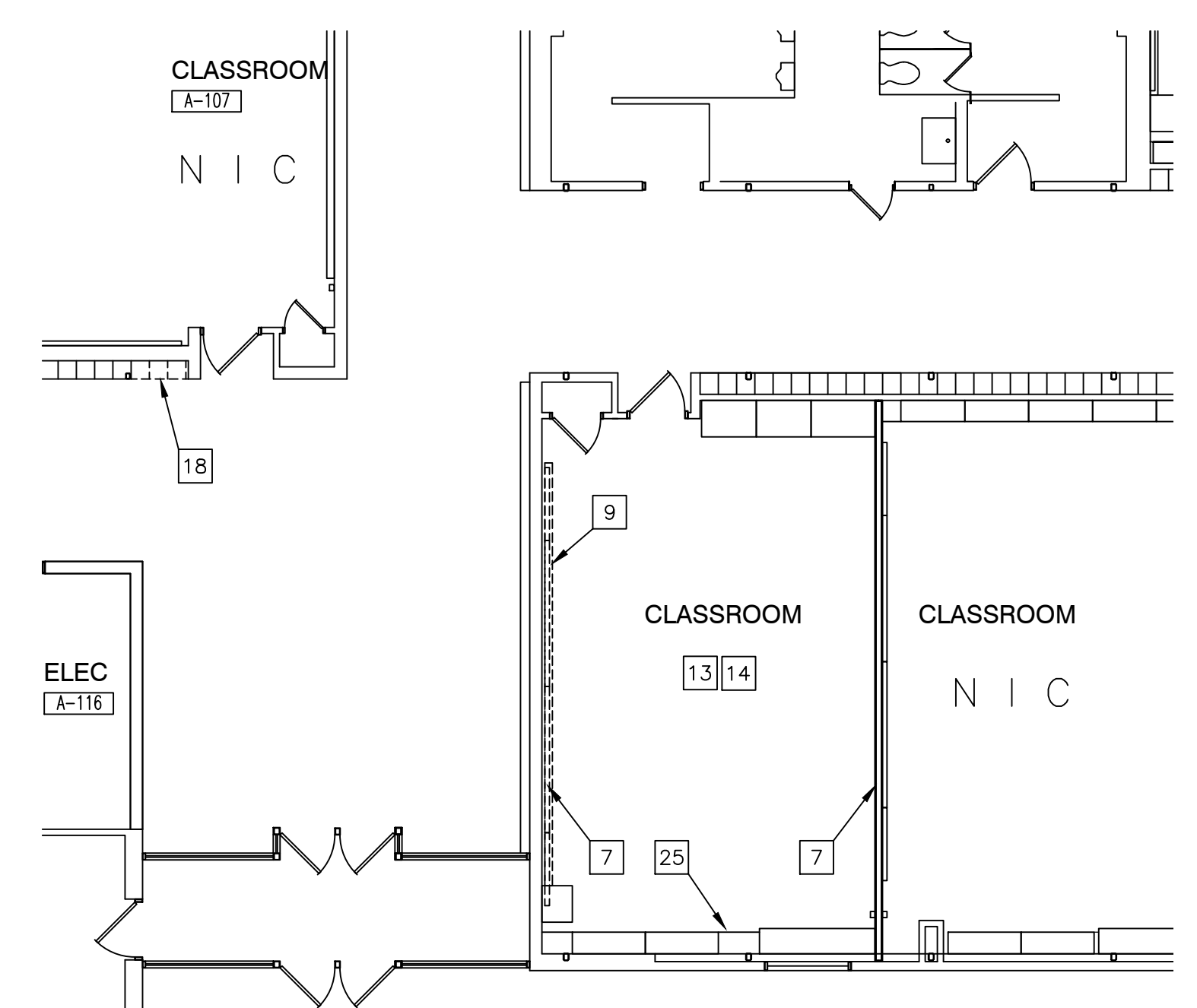


**5 FOUNDATION SECTION**  
3/4" = 1'-0"

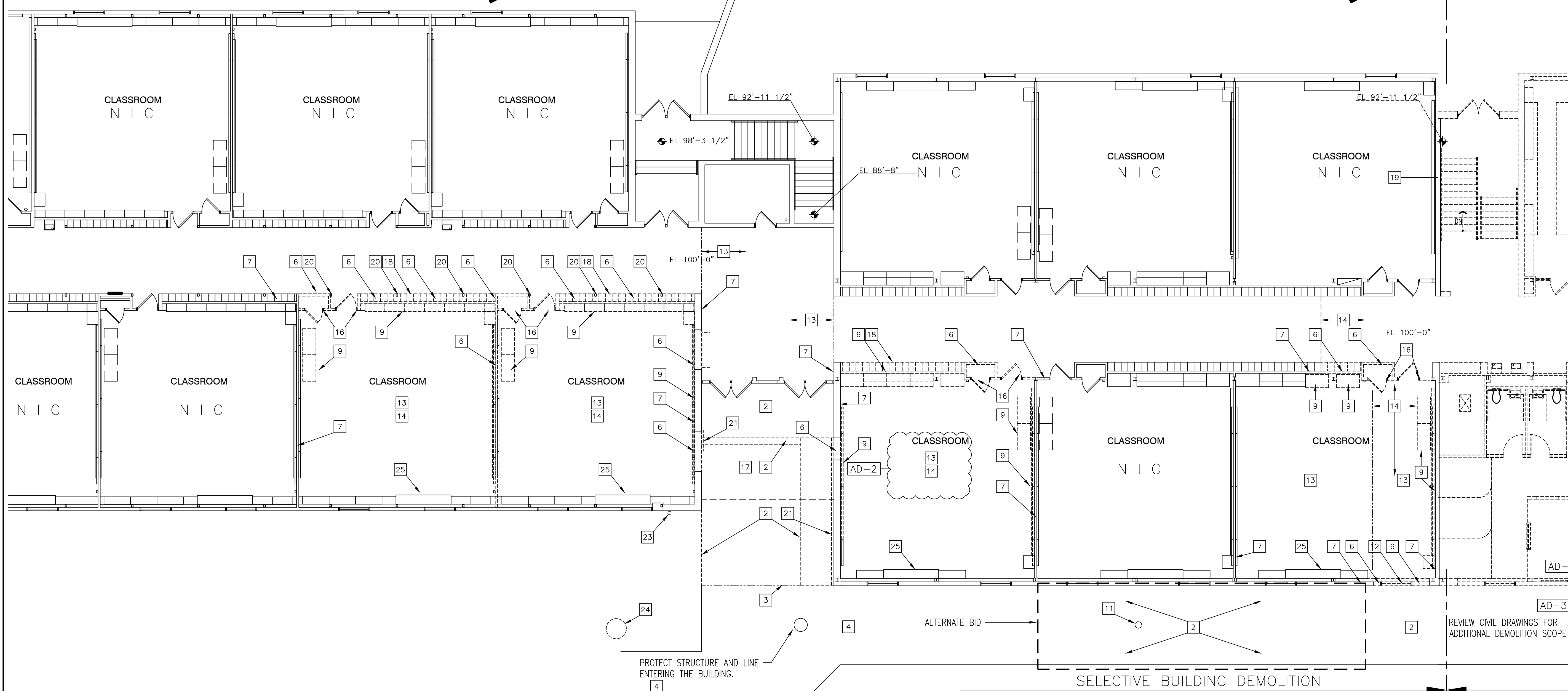




**OVERALL ARCHITECTURAL MAIN LEVEL DEMOLITION PLAN**  
SCALE: 1" = 40'-0"



**ARCHITECTURAL DEMOLITION PLAN NORTH**  
SCALE: 1" = 40'-0"



**ARCHITECTURAL MAIN LEVEL DEMOLITION PLAN SOUTH**  
SCALE: 1/8" = 1'-0"

**GENERAL DEMOLITION NOTES:**

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS, LEGEND, SYMBOL, LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.
- B. EXCEPT FOR THE NORTHERN PORTION OF THE BUILDING, THE ENTIRE BUILDING IS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING.
- C. PRIOR TO STARTING DEMOLITION, CONSTRUCT CONTROL BARRIERS AS REQUIRED TO PREVENT NON-CONSTRUCTION PERSONNEL FROM ENTERING THE JOB-SITE. CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- D. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
- E. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNER'S REPRESENTATIVE FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.
- F. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
- G. 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.
- H. 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.
- I. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- J. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.
- K. 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.
- L. 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 SURFACES. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- M. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK.
- N. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT MAIN CONNECTION.
- O. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
- P. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.
- Q. 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.
- R. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.
- S. 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.
- T. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- U. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE, INCLUDING BUT NOT LIMITED TO SIGNAGE, CORNERSTONES, TIME CAPSULES, ETC.
- V. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- W. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- X. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
- Y. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.
- Z. AT THE EXISTING STRUCTURE TO REMAIN, SECURE OPENINGS FROM UNAUTHORIZED PERSONNEL AND WEATHER.
- AA. PUMP AND REMOVE GREASE TRAP IN ITS ENTIRETY.
- AB. REFER TO CIVIL DRAWINGS FOR ADDITIONAL DEMOLITION SCOPE.

**DEMOLITION PLAN NOTES:**

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 1 REMOVE ENTIRE BUILDING FROM ROOF TO BOTTOM OF EXISTING FOOTINGS COMPLETE. ALL UTILITIES TO BE CUT AND CAPPED BY RESPECTIVE DISCIPLINES AT THE EDGE OF THE EXISTING PORTION OF THE BUILDING TO REMAIN. GENERAL CONTRACTOR TO COORDINATE THE SHUTOFF AND CAPPING OF ALL UTILITIES PRIOR TO THE START OF DEMOLITION.
  - 2 REMOVE SIDEWALKS, STAIRS, RAILINGS, RETAINING WALLS, ETC IN THEIR ENTIRETY, INCLUDING FOOTINGS.
  - 3 CUT SIDEWALK AT EDGE OF DEMOLITION OR UTILIZE CONTROL/EXPANSION JOINT AT THIS LOCATION.
  - 4 PROTECT SIDEWALK TO REMAIN ALONG DEMOLISHED WALLS AND SIDEWALKS.
  - 5 REFER TO MECHANICAL DRAWINGS FOR EXISTING EQUIPMENT TO BE RELOCATED (STORED) IN THE BUILDING PORTION TO REMAIN.
  - 6 REMOVE PORTION OF EXISTING CONSTRUCTION INCLUDING ANY WALL ACCESSORIES, BOARDS, ETC. PATCH FLOOR LEVEL WITH ADJACENT SURFACE.
  - 7 THIS PORTION OF WALL TO REMAIN.
  - 8 REMOVE FLAG POLE AND FOUNDATION IN ITS ENTIRETY.
  - 9 REMOVE EXISTING CABINETRY, TACK AND MARKERBOARDS. PATCH REMAINING WALLS AS REQUIRED TO MATCH ADJACENT SURFACES.
  - 10 REMOVE PLUMBING FIXTURE IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
  - 11 RELOCATE EXISTING LIGHT POLE
  - 12 REMOVE EXISTING WINDOW.
  - 13 REMOVE VOT/SHEET/CARPET SQUARE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
  - 14 REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
  - 15 CAREFULLY REMOVE PERIMETER OF THE SUSPENDED ACOUSTICAL CEILING SYSTEM TO NEAREST FULL TILE TO ALLOW FOR DEM OF EXISTING WALL (WHERE SHOWN), AND TO ALLOW THE EXISTING LIGHTING AND MECHANICAL TO REMAIN IN PLACE.
  - 16 REMOVE EXISTING DOOR AND FRAME.
  - 17 REMOVE EXISTING PLASTER SOFFIT SYSTEM TO EDGE OF EXISTING METAL FASCIA. METAL FASCIA TO REMAIN.
  - 18 REMOVE METAL LOCKERS, SALVAGE TRIM. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION.
  - 19 REMOVE CONCRETE AND STEEL STAIR IN ITS ENTIRETY. PATCH WALL.
  - 20 EXISTING STEEL COLUMN TO REMAIN.
  - 21 REMOVE HANDRAIL COMPLETE. PATCH AND REPAIR WALL TO ACCEPT NEW FINISHES.
  - 22 HOSE BID TO REMAIN
  - 23 REROUTE DOWNSPOUT. PREPARE TO REROUTE WITH NEW PIPE TO MATCH EXISTING.
  - 24 REMOVE EXISTING TREE. REFER TO CIVIL SHEETS
  - 25 EXISTING WALL CABINET TO REMAIN
  - 26 CAREFULLY REMOVE AND SALVAGE THE EXISTING APPLIED WALL GRAPHIC CONSISTING OF A WOOD FRAME WITH 6x6 CANVAS TILES (APPROXIMATELY 20'-0" WIDE X 6'-6" TALL) AND DELIVER TO THE NEW TAFT MIDDLE SCHOOL LOCATED AT 12408 GIBSON ST, WINFIELD, IN 46307

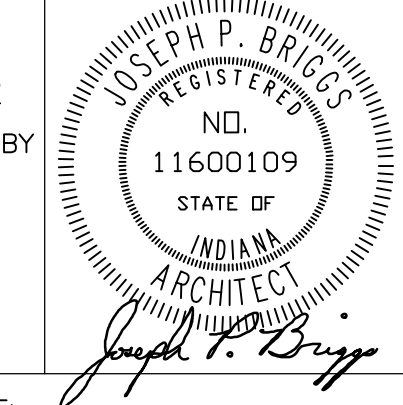


**GIBRALTAR DESIGN**  
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, 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  
21-115  
DATE  
04/15/22  
COORDINATED BY  
EJMJ  
DRAWN BY  
EJMJ  
CHECKED BY  
EJMJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

**REVISIONS**

MARK	DATE	ISSUED FOR
AD-2	5/5/22	ADDENDUM NO. 2
AD-3	5/12/22	ADDENDUM NO. 3

DRAWING  
**ARCHITECTURAL MAIN LEVEL DEMOLITION PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AR AD-111**

Wednesday, 5/11/2022 - 11:15 PM - LAST SAVED BY: MCCAULEY  
 Y:\21-115 CROWN POINT CSC - NEW ADMIN CENTER, ALTERNATIVE SCHOOL, AND RELATED WORK\21-115 DRAWINGS - ALTERNATIVE EDUG ARCH\AD-111.DWG



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

PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GENERAL NOTES:**

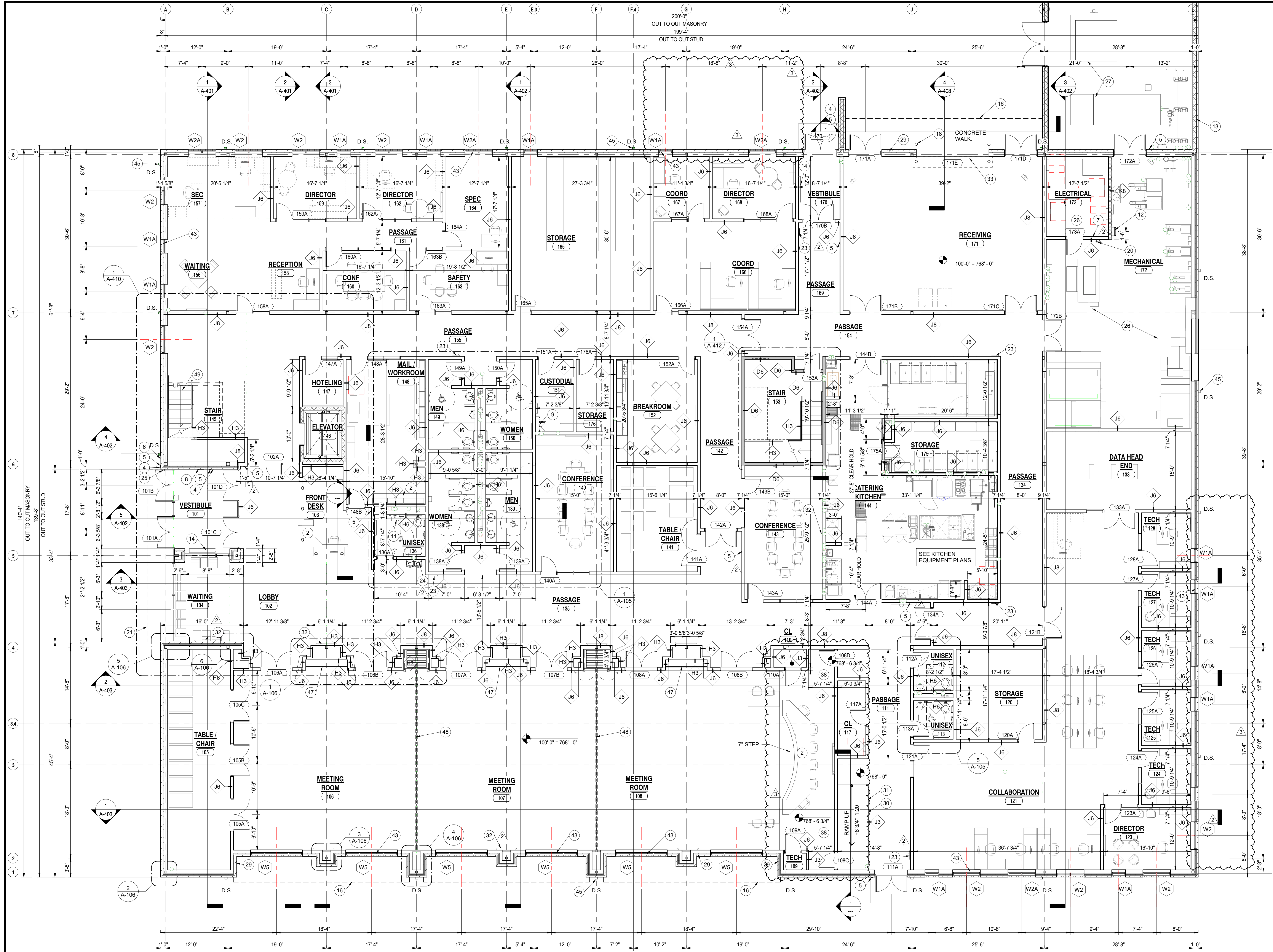
- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS, LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO FACE OF TILE BACKER BOARD.
- C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS TO NOT 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 COURSEING BEGINS AT THE FLOOR LINE.
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PLAN IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- F. LOCATE HINGE SIDE OF DOOR JAMB AT CMU WALLS 8" MINIMUM FROM ADJACENT WALL AND LOCATE HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) 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 RUNNING BOND UNLESS NOTED OTHERWISE.
- J. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS AND EXTENT OF FLOOR AND WALL FINISHES.
- K. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- L. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- M. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.
- N. FOR OVERALL BUILDING DIMENSIONS AND RELATIONSHIPS BETWEEN UNITS REFER TO SHEET A-001 AND A-002.

**PLAN LEGEND:**

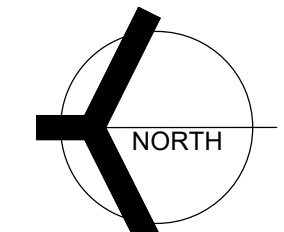
- XX INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- WX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

**PLAN NOTES:**

- 1 FULLY ADHERED SINGLE PLY ROOF MEMBRANE ON TAPERED INSULATION.
- 2 CASEWORK AND/OR MILLWORK (TYPICAL). SEE EQUIPMENT PLANS.
- 3 DASHED LINE INDICATES TYPICAL BULKHEAD. REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN).
- 4 PUSH PAD FOR ADA OPERATOR. SEE ELECTRICAL DRAWINGS. CARD/FOB READER. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- 5 AI DEVICE. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- 6 FIRE ALARM CONTROL PANEL. REFER TO ELECTRICAL DRAWINGS.
- 7 FIRE ALARM ANNUCIATOR PANEL. REFER TO ELECTRICAL DRAWINGS.
- 8 MOP SINK. REFER TO PLUMBING DRAWINGS.
- 9 SERVICE SINK. REFER TO PLUMBING DRAWINGS.
- 10 WALL SINK. REFER TO PLUMBING DRAWINGS.
- 11 ROOF HATCH AND LADDER.
- 12 MASONRY SCREEN WALL WITH PREFINISHED METAL PARAPET CAP AT MECHANICAL YARD AND DUMPSTER ENCLOSURE. SEE SHEET A107 FOR DETAILS. SEE CIVIL FOR DIMENSIONS.
- 13 CABINET HEATER. REFER TO MECHANICAL DRAWINGS.
- 14 ROOF CONDUCTOR. REFER TO PLUMBING DRAWINGS.
- 15 LINE OF CANOPY ABOVE. REFER TO SECTIONS.
- 16 ROOF DRAIN TIE INTO DOWNSPOUT.
- 17 6" PIPE BOLLARD. REFER TO CIVIL DRAWINGS.
- 18 DATE STONE AND TIME CAPSULE.
- 19 FIRE EXTINGUISHER AND WALL MOUNT BRACKET. REFER TO EQUIPMENT PLANS.
- 20 ALUMINUM SUNSHADE WITH 30" PROJECTION FULL WIDTH OF CURTAIN WALL.
- 21 ROOF BELOW. REFER TO ROOF PLAN.
- 22 FIRE EXTINGUISHER AND SEMI-RECESSED CABINET. REFER TO EQUIPMENT PLANS.
- 23 ACCESSIBLE ELECTRIC WALL COOLER WITH BOTTLE FILLER. REFER TO PLUMBING DRAWINGS.
- 24 KNOX BOX. COORDINATE LOCATION WITH LOCAL SERVING FIRE DEPARTMENT.
- 25 PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSE KEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
- 26 CONCRETE EQUIPMENT PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
- 27 OVERFLOW ROOF DRAIN TIE INTO DOWNSPOUT.
- 28 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.
- 29 HALF-HEIGHT WALL WITH HARDWOOD CAP.
- 30 PROVIDE HEAVY DUTY STIFFENERS WITHIN THE HALF HEIGHT WALL SPACE. SEE STRUCTURAL.
- 31 DISPLAY WALL / MONITOR (TYP). REFER TO EQUIPMENT DRAWINGS.
- 32 14'-0" W x 12'-0" H PREFINISHED INSULATED OVERHEAD COILING DOOR.
- 33 42" HIGH STAINLESS STEEL AND GLASS GUARDRAIL.
- 34 42" HIGH STAINLESS STEEL AND GLASS GUARDRAIL WITH 1 1/2" O.D. STAINLESS STEEL HANDRAIL.
- 35 1 1/2" O.D. STAINLESS STEEL HANDRAIL.
- 36 MECHANICAL SCREEN WALL. ALIGN CENTER LINE OF SCREEN WALL WITH CENTER LINE OF STEEL BEAM BELOW. SEE 16A/202.
- 37 3/4" FIRE TREATED PLYWOOD ON 6 3/4" METAL SLEEPERS.
- 38 NOT USED.
- 39 NOT USED.
- 40 NOT USED.
- 41 NOT USED.
- 42 NOT USED.
- 43 SOLID SURFACE WINDOW STOOL.
- 44 NOT USED.
- 45 PREFINISHED METAL DOWNSPOUT. TIE INTO STORM SEWER. SEE CIVIL.
- 46 NOT USED.
- 47 SHELF AND ROD MOUNTED AT 4'-0" AFF. AND 6'-8" AFF. SEE.
- 48 MANUAL OPERATION FOLDING WALL SYSTEM WITH POCKET DOORS.
- 49 CONCRETE FILLED METAL PAN STAIRS WITH INTEGRAL CERAMIC TILE.
- 50 1 1/4" I.D. STEEL PIPE GUARDRAIL.
- 51 1 1/4" I.D. STEEL PIPE HANDRAIL.



**1 FIRST FLOOR PLAN**  
A-101 1/8" = 1'-0"



**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

DATE: 04/15/22  
COORDINATED BY: GWT  
DRAWN BY: JMG  
CHECKED BY: [Signature]

COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGN, DRAWINGS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS	MARK	DATE	ISSUED FOR
1		05/05/2022	ADDENDUM NO. 2
2		05/12/2022	ADDENDUM NO. 3

DRAWING

FIRST FLOOR PLAN

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD A-101**



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

PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, 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  
DATE: 04/15/22  
COORDINATED BY: GWT  
DRAWN BY: JMG  
CHECKED BY: GWT

COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGN, DRAWINGS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND MAY BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS	MARK	DATE	ISSUED FOR
1			
2	05/05/2022	ADDENDUM NO. 2	
3	05/12/2022	ADDENDUM NO. 3	

MARK	DATE	ISSUED FOR
36		
37		
38		
39		
40		
41		
42		
43		
44		
45		
46		
47		
48		
49		
50		
51		

DRAWING  
SECOND FLOOR PLAN

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD A-102**

**GENERAL NOTES:**

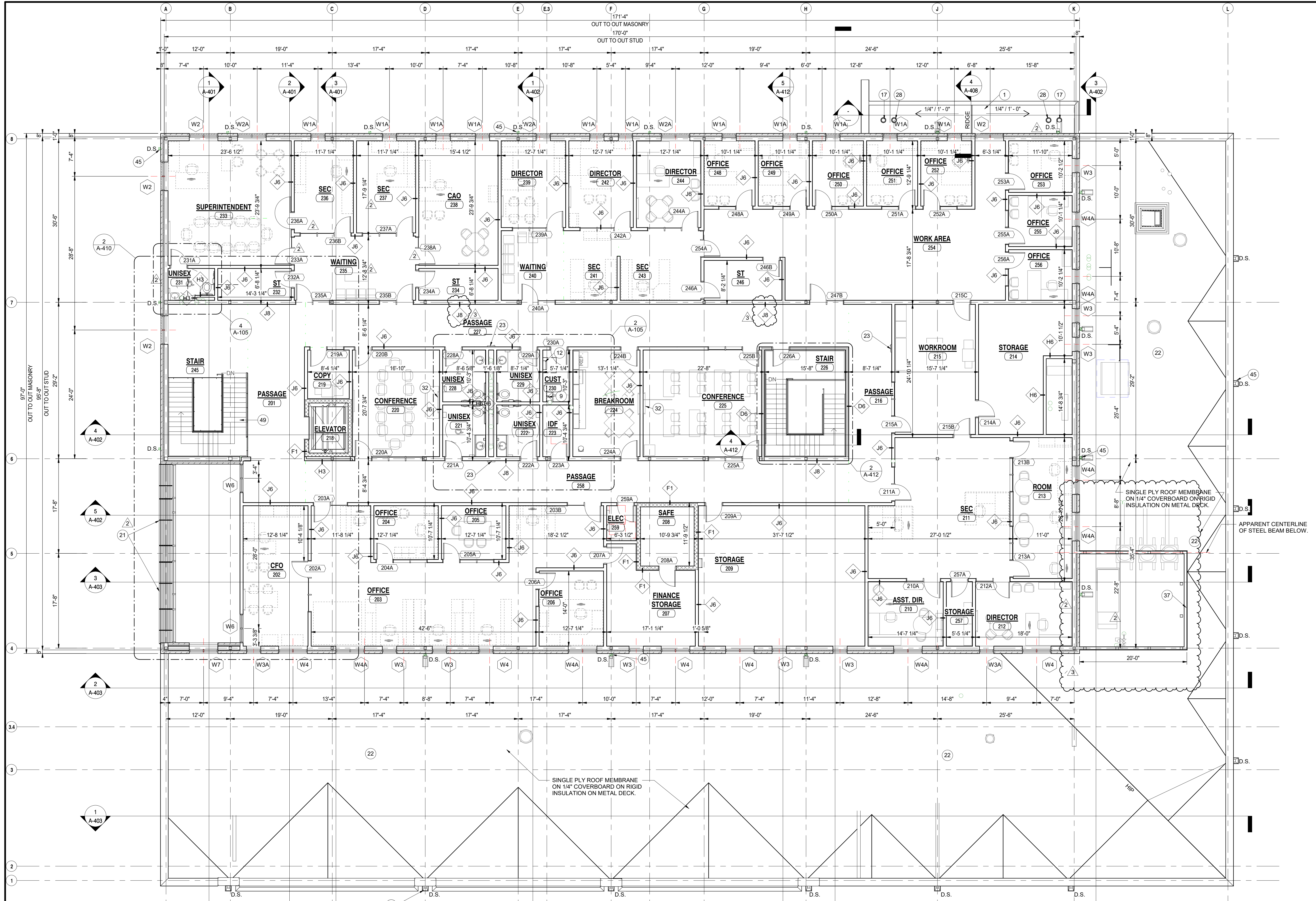
- FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS, LEGEND, SYMBOL, LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.
- PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO FACE OF TILE BACKER BOARD.
- ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS TO NOT HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
- THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- LOCATE HINGE SIDE OF DOOR JAMBS AT CMU WALLS 8" MINIMUM FROM ADJACENT WALL AND LOCATE HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
- REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- INTERIOR CMU WALLS ARE: RUNNING BOND UNLESS NOTED OTHERWISE.
- REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS AND EXTENT OF FLOOR AND WALL FINISHES.
- ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- FOR OVERALL BUILDING DIMENSIONS AND RELATIONSHIPS BETWEEN UNITS REFER TO SHEET A-001 AND A-002.

**PLAN LEGEND:**

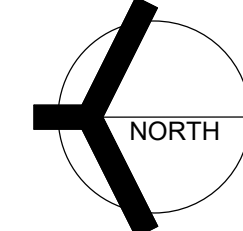
- XX INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- WXX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

**PLAN NOTES:**

- FULLY ADHERED SINGLE PLY ROOF MEMBRANE ON TAPERED INSULATION.
- CASEWORK AND/OR MILLWORK (TYPICAL). SEE EQUIPMENT PLANS.
- DASHED LINE INDICATES TYPICAL BULKHEAD. REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN).
- PUSH PAD FOR ADA OPERATOR. SEE ELECTRICAL DRAWINGS.
- CARD/FOB READER. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- AI DEVICE. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- FIRE ALARM CONTROL PANEL. REFER TO ELECTRICAL DRAWINGS.
- FIRE ALARM ANNIUNCIATOR PANEL. REFER TO ELECTRICAL DRAWINGS.
- MOP SINK. REFER TO PLUMBING DRAWINGS.
- SERVICE SINK. REFER TO PLUMBING DRAWINGS.
- WALL SINK. REFER TO PLUMBING DRAWINGS.
- ROOF HATCH AND LADDER.
- MASONRY SCREEN WALL WITH PREFINISHED METAL PARAPET CAP AT MECHANICAL YARD AND DUMPSTER ENCLOSURE. SEE SHEET A107 FOR DETAILS. SEE CIVIL FOR DIMENSIONS.
- CABINET HEATER. REFER TO MECHANICAL DRAWINGS.
- ROOF CONDUCTOR. REFER TO PLUMBING DRAWINGS.
- LINE OF CANOPY ABOVE. REFER TO SECTIONS.
- ROOF DRAIN TIE INTO DOWNSPOUT.
- 6" PIPE BOLLARD. REFER TO CIVIL DRAWINGS.
- DATE STONE AND TIME CAPSULE.
- FIRE EXTINGUISHER AND WALL MOUNT BRACKET. REFER TO EQUIPMENT PLANS.
- ALUMINUM SUNSHADE WITH 30" PROJECTION FULL WIDTH OF CURTAIN WALL.
- ROOF BELOW. REFER TO ROOF PLAN.
- FIRE EXTINGUISHER AND SEMI-RECESSED CABINET. REFER TO EQUIPMENT PLANS.
- ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER. REFER TO PLUMBING DRAWINGS.
- KNOX BOX. COORDINATE LOCATION WITH LOCAL SERVING FIRE DEPARTMENT.
- PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSE KEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
- CONCRETE EQUIPMENT PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
- OVERFLOW ROOF DRAIN TIE INTO DOWNSPOUT.
- 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.
- HALF-HEIGHT WALL WITH HARDWOOD CAP.
- PROVIDE HEAVY DUTY STIFFENERS WITHIN THE HALF HEIGHT WALL SPACE. SEE STRUCTURAL.
- DISPLAY WALL / MONITOR (TYP). REFER TO EQUIPMENT DRAWINGS.
- 14'-0" W x 12'-0" H PREFINISHED INSULATED OVERHEAD COILING DOOR.
- 42" HIGH STAINLESS STEEL AND GLASS GUARDRAIL.
- 42" HIGH STAINLESS STEEL AND GLASS GUARDRAIL WITH 1 1/2" O.D. STAINLESS STEEL HANDRAIL.
- 1 1/2" O.D. STAINLESS STEEL HANDRAIL.
- MECHANICAL SCREEN WALL. ALIGN CENTER LINE OF SCREEN WALL WITH CENTER LINE OF STEEL BEAM BELOW. SEE 16/A202.
- 3/4" FIRE TREATED PLYWOOD ON 6 3/4" METAL SLEEPERS.
- NOT USED.
- NOT USED.
- NOT USED.
- NOT USED.
- SOLID SURFACE WINDOW STOOL.
- NOT USED.
- PREFINISHED METAL DOWNSPOUT. TIE INTO STORM SEWER. SEE CIVIL.
- NOT USED.
- SHelf AND ROD MOUNTED AT 4'-0" AFF. AND 6'-8" AFF. SEE.
- MANUAL OPERATION FOLDING WALL SYSTEM WITH POCKET DOORS.
- CONCRETE FILLED METAL PAN STAIRS WITH INTEGRAL CERAMIC TILE.
- 1 1/4" I.D. STEEL PIPE GUARDRAIL.
- 1 1/4" I.D. STEEL PIPE HANDRAIL.



**1 SECOND FLOOR PLAN**  
A-102 1/8" = 1'-0"



C:\Users\saucin\Documents\Crown Point Admin Bldg\_abuschkoetter.rvt 5/12/2022 4:31:48 PM



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

PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, 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

DATE

04/15/22

COORDINATED BY

Designer

DRAWN BY

Author

CHECKED BY

Checker

**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

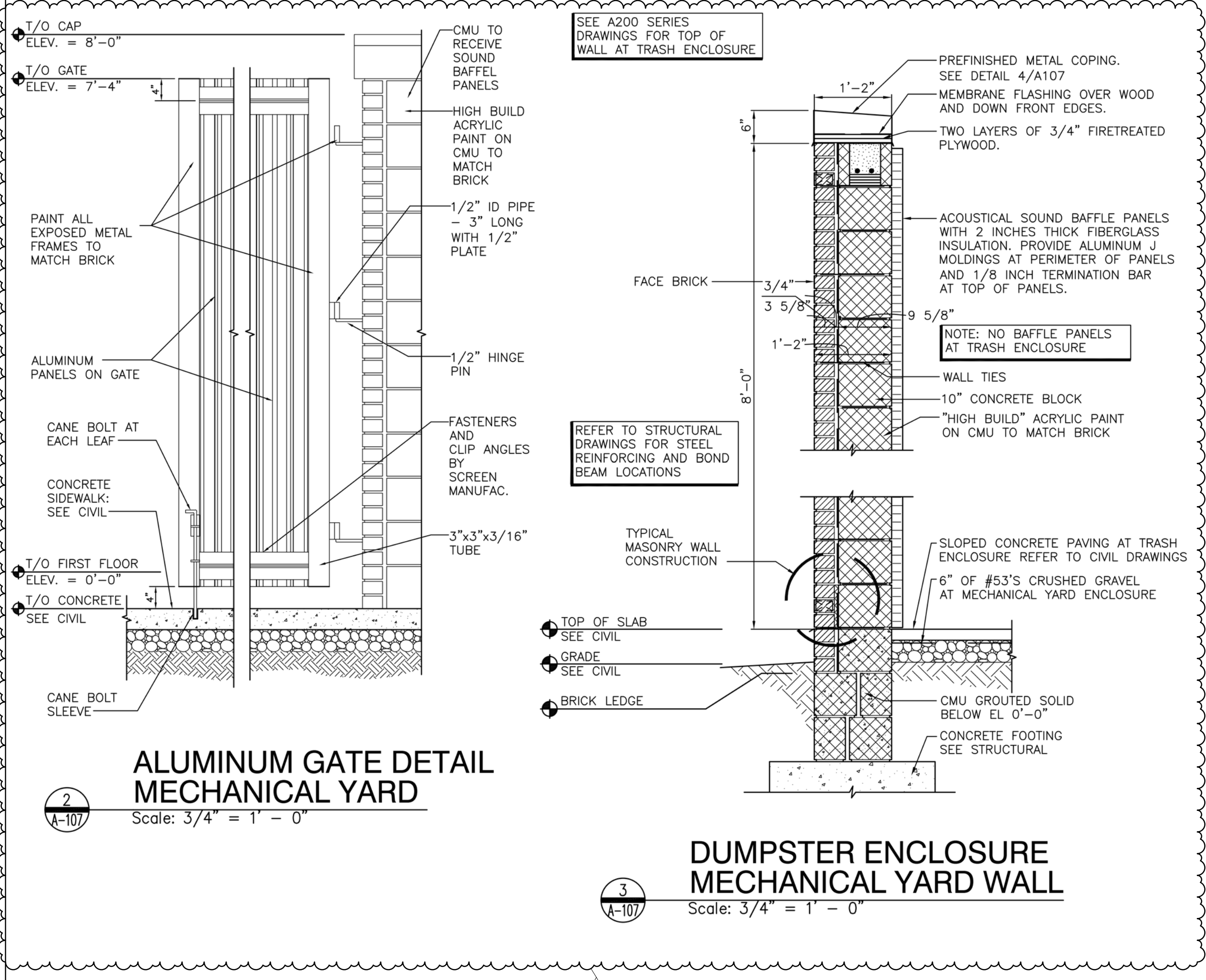
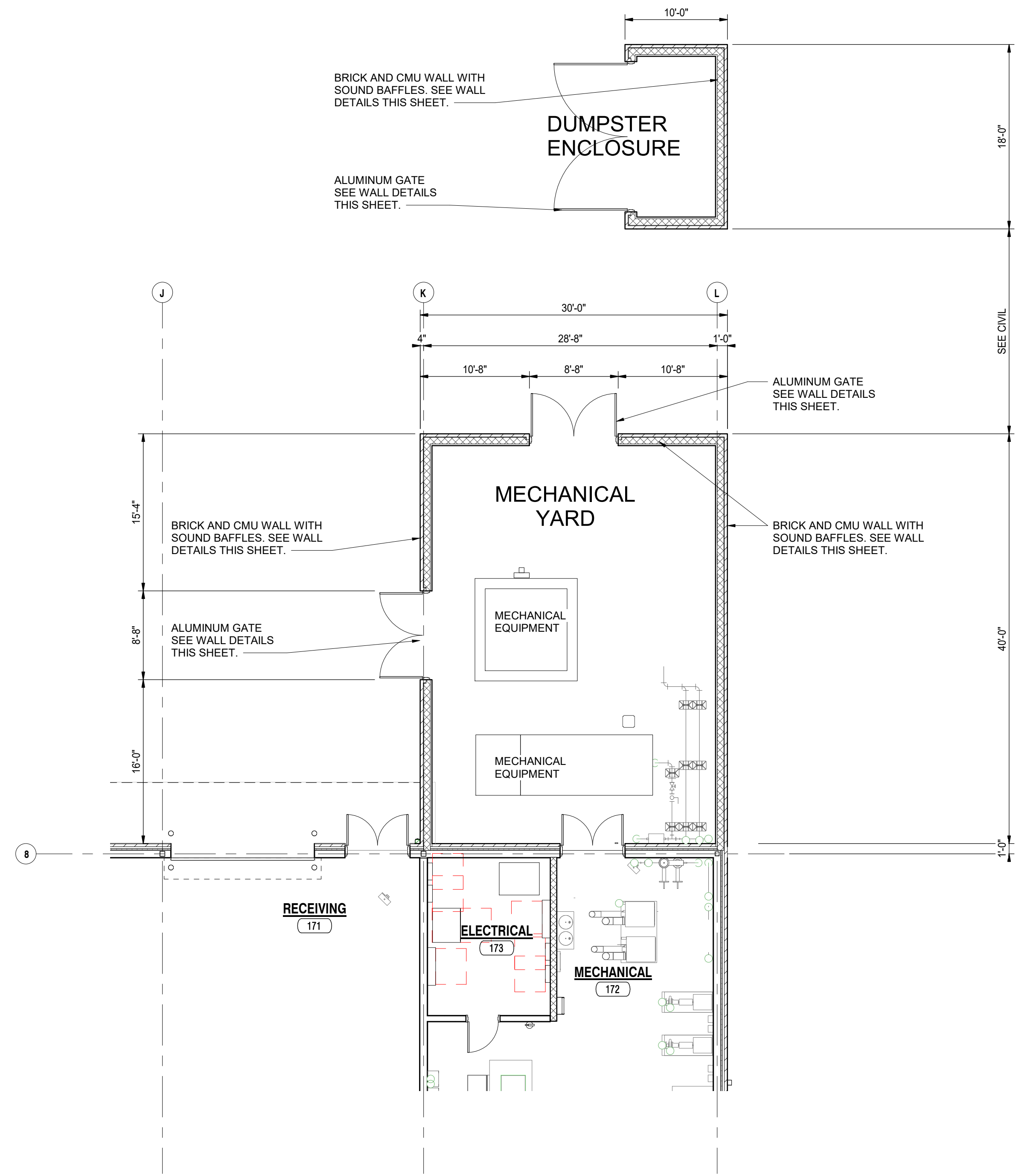
REVISIONS

MARK	DATE	ISSUED FOR
2	05/05/2022	ADDENDUM NO. 2
3	05/12/2022	ADDENDUM NO. 3

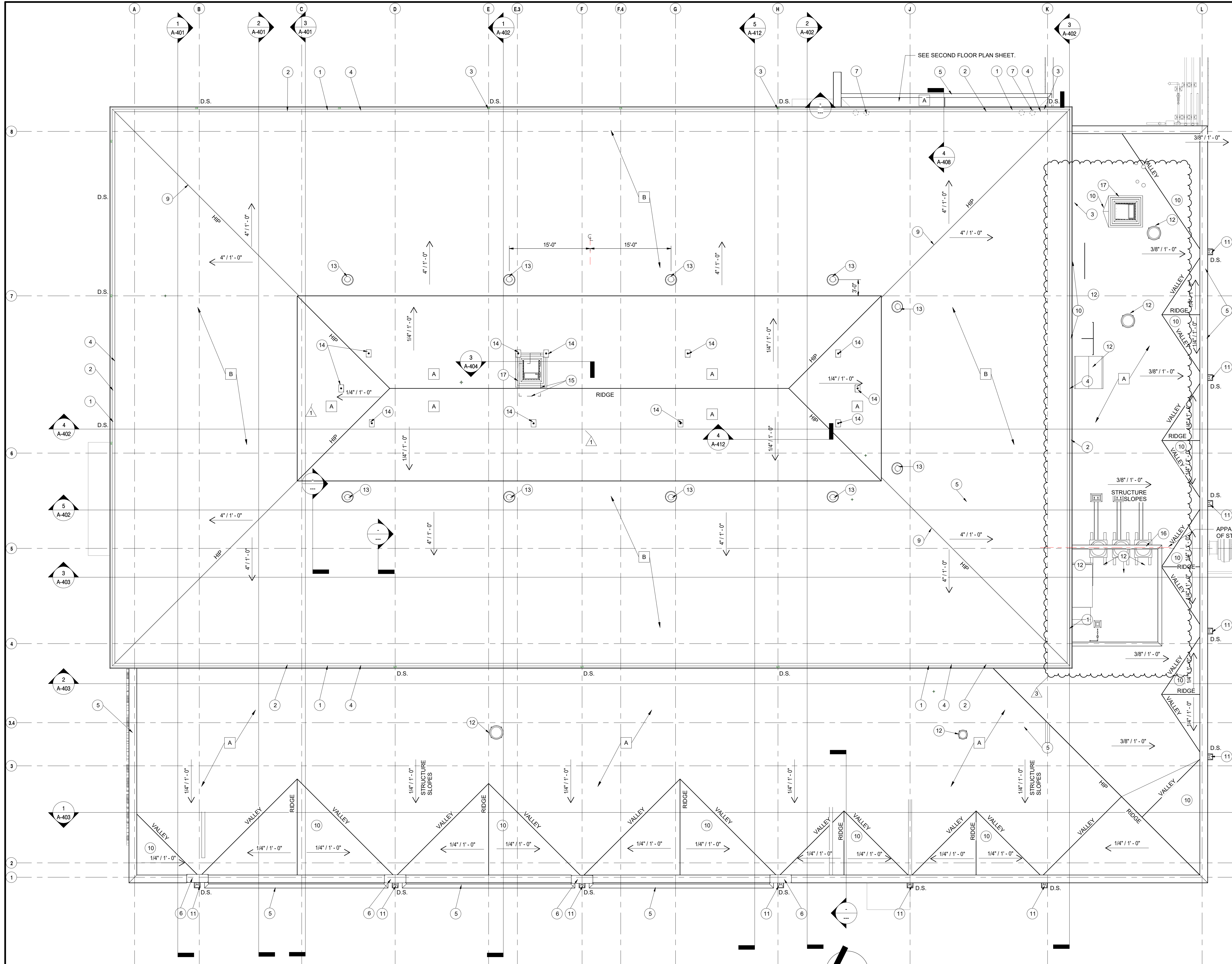
DRAWING  
**MECHANICAL YARD SCREEN WALL AND DUMPSTER ENCLOSURE**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

© GIBRALTAR DESIGN SHEET  
**AD A-107**



C:\Users\saustin\Documents\Crown Point Admin Bldg\_abuschkoetter.rvt 5/12/2022 4:31:53 PM



**1 ARCHITECTURAL ROOF PLAN**  
A-201 1/8" = 1'-0"

SEE SHEET AD A202 FOR ROOF DETAILS

**ROOF LEGEND AND TYPICAL DETAILS:**

- ELEVATION TOP OF NEW ROOF DECK
- ROOF DRAIN
- ROOF DRAINAGE SADDLE
- HATCH PATTERN INDICATES TAPERED INSULATION OVER FLAT INSULATION AS REQUIRED TO MAINTAIN 1/4" SLOPE TO DRAIN
- WALKWAY PADS  
INSTALL TWO PADS AT BOTTOM OF EACH ROOF LADDER, 5 PADS AROUND EACH ROOF HATCH, 6 PADS OUTSIDE EACH DOUBLE DOOR AND 4 PADS OUTSIDE EACH SINGLE DOOR (63 PADS TOTAL)
- EXHAUST FAN
- PLUMBING VENT

**GENERAL ROOFING NOTES**

- A. FOR GENERAL NOTES, MATERIAL IDENTIFICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. REFER TO SHEET G-301.
- B. THE ROOFING INSTALLER SHALL VERIFY ALL DIMENSIONS, CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.
- C. THE ROOFING INSTALLER SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL DAMAGE CAUSED BY THE IMPROPER STORAGE OR STACKING OF ROOFING MATERIALS.
- D. ALL DIMENSIONS INDICATED ON ROOF PLAN ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ACCURATE FIELD MEASUREMENTS FOR THE EXECUTION OF HIS WORK AND PRIOR TO ANY FABRICATION OF THE VARIOUS MATERIALS.
- E. THE ROOFING CONTRACTOR SHALL PROTECT ALL ROOF DRAIN SCUPPERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOFING INSTALLER SHALL INSPECT AND CLEAR ALL DRAINS, SCUPPERS, AND DOWNSPOUTS PRIOR TO COMPLETION OF NEW WORK TO ENSURE THAT THEY ARE FREE OF DEBRIS AND FUNCTIONING PROPERLY.
- F. ROOF DRAIN LOCATIONS INDICATE DESIGN INTENT. COORDINATE LOCATIONS WITH STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.
- G. FOR LOCATION, TYPE, AND SIZE OF ALL ROOF TOP MECHANICAL EQUIPMENT REFER TO MECHANICAL DRAWINGS.
- H. FOR LOCATIONS OF ALL PLUMBING VENTS REFER TO PLUMBING DRAWINGS.
- I. EXTEND ALL PLUMBING VENTS SO THAT THE TOP IS A MINIMUM OF 12" ABOVE THE ROOFING MEMBRANE.
- J. PROVIDE FLASHING AND A TWO PIECE COUNTER-FLASHING WHERE ROOFING ABUTS WALL, UNLESS OTHERWISE NOTED OR DETAILED.
- K. PROVIDE FLASHING AT ALL VENTS, MECHANICAL CURBS, MASONRY WALLS, FLUES, DRAINS, FASCIAS, ETC. IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS, AND WITH ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS.
- L. CONTRACTOR TO PROVIDE CRICKETS AND/OR ROOF SADDLES AS REQUIRED TO PROMOTE POSITIVE DRAINAGE AROUND ALL ROOF TOP PENETRATIONS.
- M. SADDLES AND TAPERED INSULATION SYMBOLS INDICATE DESIGN INTENT TO SLOPE TO DRAIN. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS FOR TAPERED INSULATION AND SADDLES TO ENSURE POSITIVE SLOPE.
- N. ALL NEW WOOD BLOCKING & NAILERS SHALL BE TREATED WOOD.
- O. ANCHOR ALL ROOFING EDGE WOOD BLOCKING AND STRUCTURAL INSULATED SHEATHING FOR COPINGS, FASCIA, AND EXPANSION JOINT COMPRESSIBLE TUBES AS REQUIRED TO CONFORM TO STATE AND LOCAL CODES.
- P. REFER TO ARCHITECTURAL FLOOR PLAN FOR LOCATION OF SECTION CUTS FOR ADDITIONAL INFORMATION.

**ROOF TYPES:**

- A** SLOPING SINGLE-PLY MEMBRANE ON METAL DECK; PROVIDE ROOF SYSTEM. ROOFING SYSTEM CONSISTS OF FULLY-ADHERED SINGLE-PLY MEMBRANE ON 1/2" COVER BOARD ON TAPERED (1/4" PER FOOT) POLYISOCYANURATE INSULATION WITH MINIMUM 2" THICKNESS AND MINIMUM AVERAGE THICKNESS OF 4" ON METAL DECK.
- B** SLOPING SHINGLE ROOF; PROVIDE ROOF SYSTEM. ROOFING SYSTEM CONSISTS OF SHINGLES ON FULLY-ADHERED SINGLE-PLY MEMBRANE ADHERED TO SHEATHING ON 1/2" COVER BOARD ON TAPERED (1/4" PER FOOT) POLYISOCYANURATE INSULATION WITH MINIMUM 2" THICKNESS.

**ROOF PLAN NOTES:**

- 1 PREFINISHED METAL FASCIA
- 2 PREFINISHED METAL CUTTER
- 3 PREFINISHED METAL DOWNSPOUT
- 4 PREFINISHED METAL ROOF EDGE
- 5 PREFINISHED METAL PARAPET COPING
- 6 LIMESTONE PARAPET CAP WITH 3/8" DIAMETER X 4" PINS ON STAINLESS STEEL FLASHINGS
- 7 ROOF DRAIN
- 8 MECHANICAL UNIT
- 9 PREFINISHED METAL ROOF HIP VENT
- 10 TAPERED INSULATION SADDLE
- 11 PREFINISHED COLLECTOR HEAD AND DOWNSPOUT AT SCUPPER
- 12 MECHANICAL EQUIPMENT. SEE MECHANICAL
- 13 POWER VENT. SEE MECHANICAL
- 14 ROOF TIE OFF POINTS AT 30'-0" O.C. MAXIMUM.
- 15 OUTLINE OF 3/4" THICK X 4'-0" X 8'-0" FIRE TREATED PLYWOOD PLATFORM ON 8" 18 GAUGE STEEL C JOIST AT 16" O.C. BETWEEN LIGHT GAUGE TRUSSES. FIELD VENT.
- 16 MECHANICAL SCREEN WALL. ALIGN CENTER LINE OF SCREEN WALL TO CENTER LINE OF STEEL BEAM BELOW. SEE 16/A202.
- 17 ROOF HATCH.



PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, 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  
DATE: 04/15/22  
COORDINATED BY: GWT  
DRAWN BY: JMG  
CHECKED BY: GWT

COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

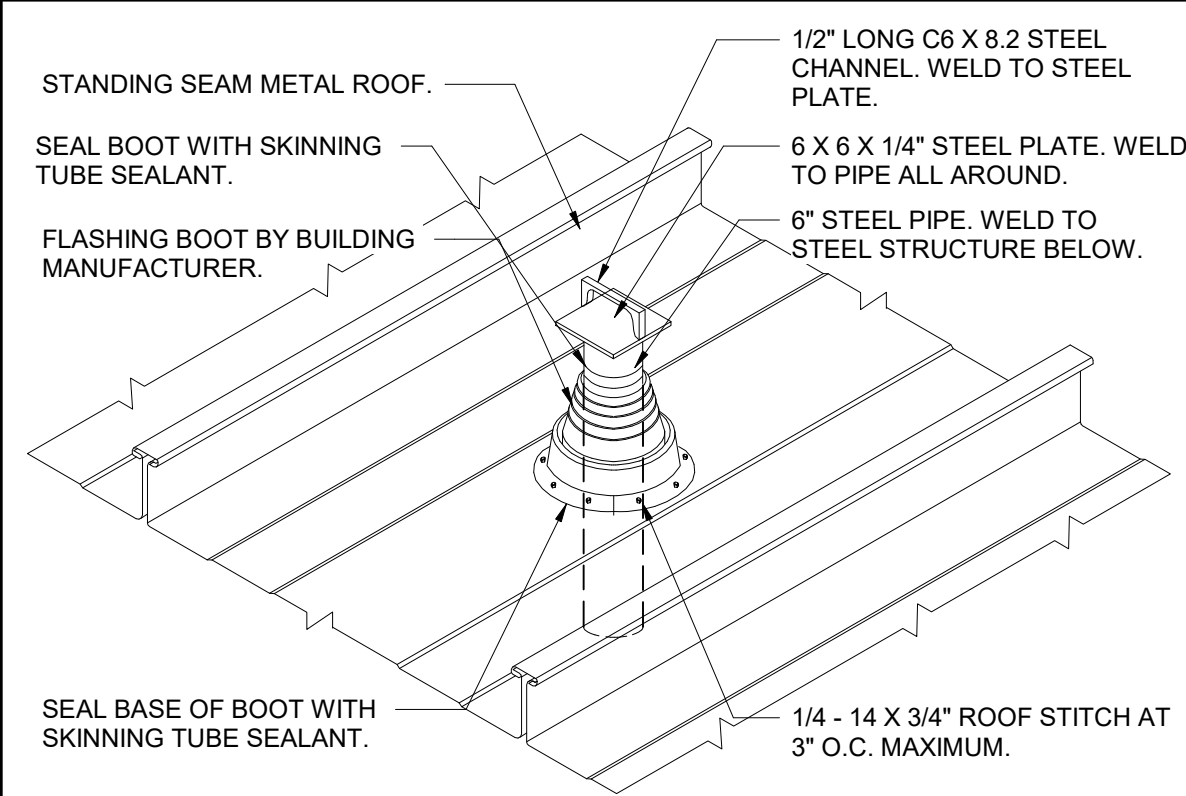
MARK	DATE	ISSUED FOR
1	04/28/2022	ADDENDUM NO. 1
3	05/12/2022	ADDENDUM NO. 3

DRAWING  
ROOF PLAN

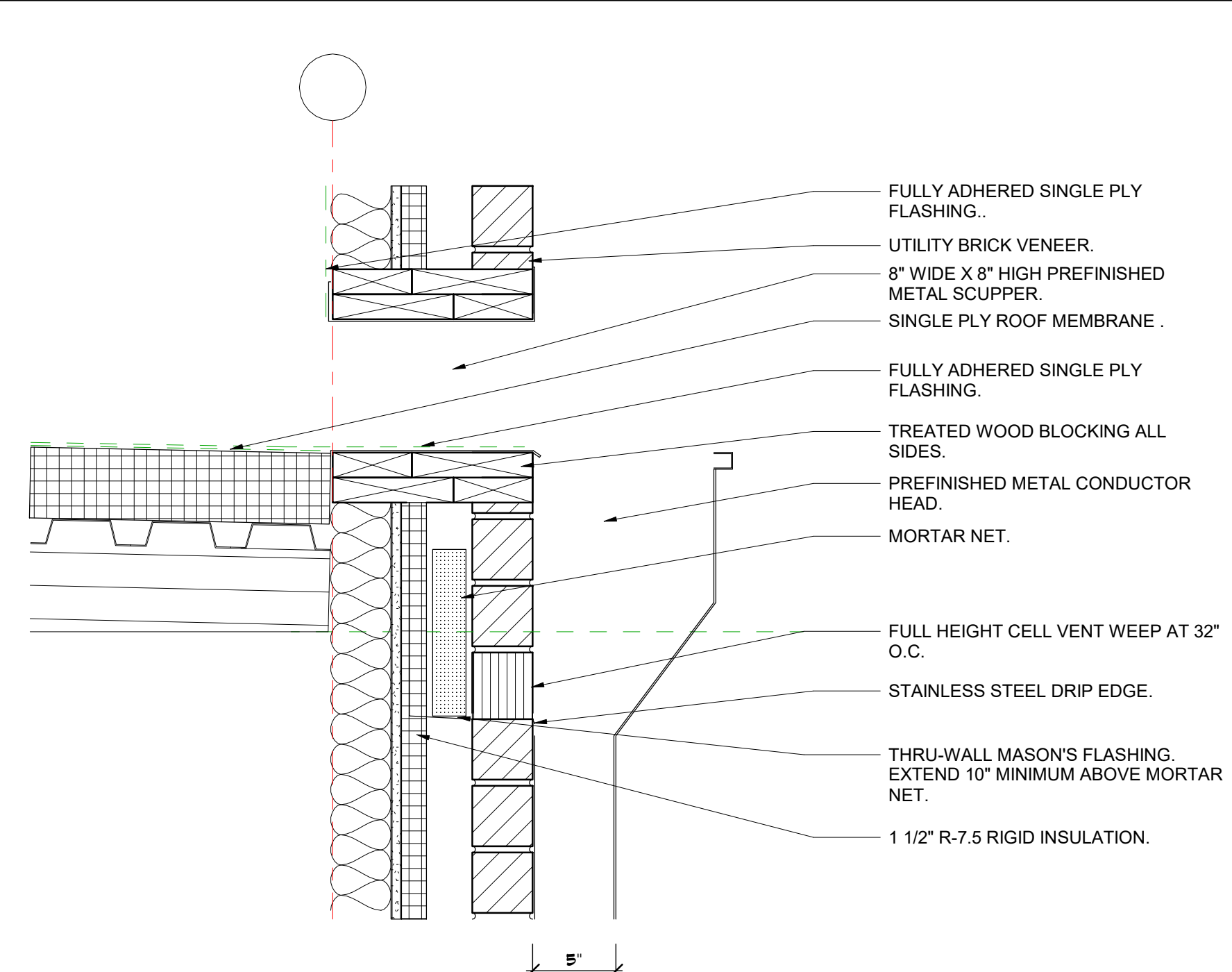
PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD A-201**

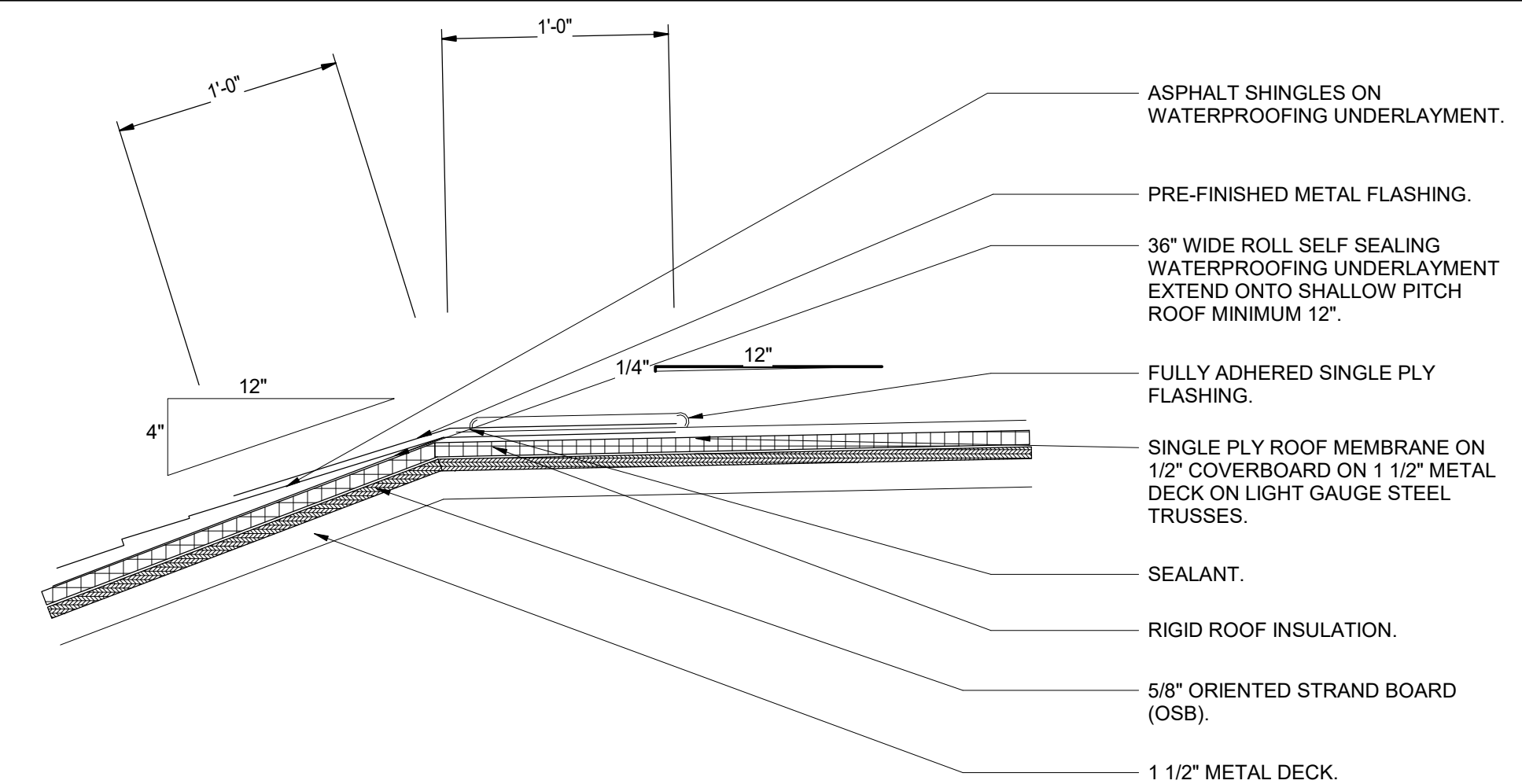




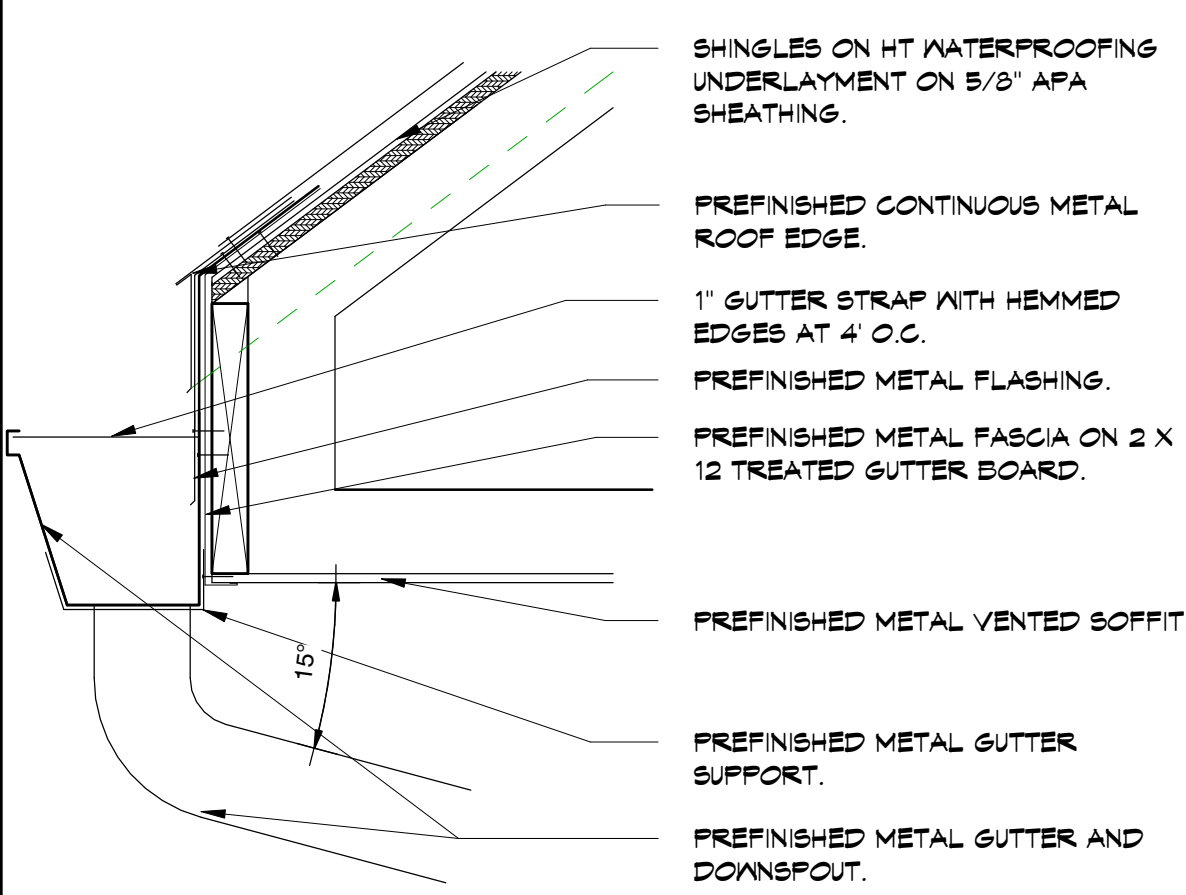
**3**  
A-202  
**DETAIL: DAVIT**  
Scale: NONE



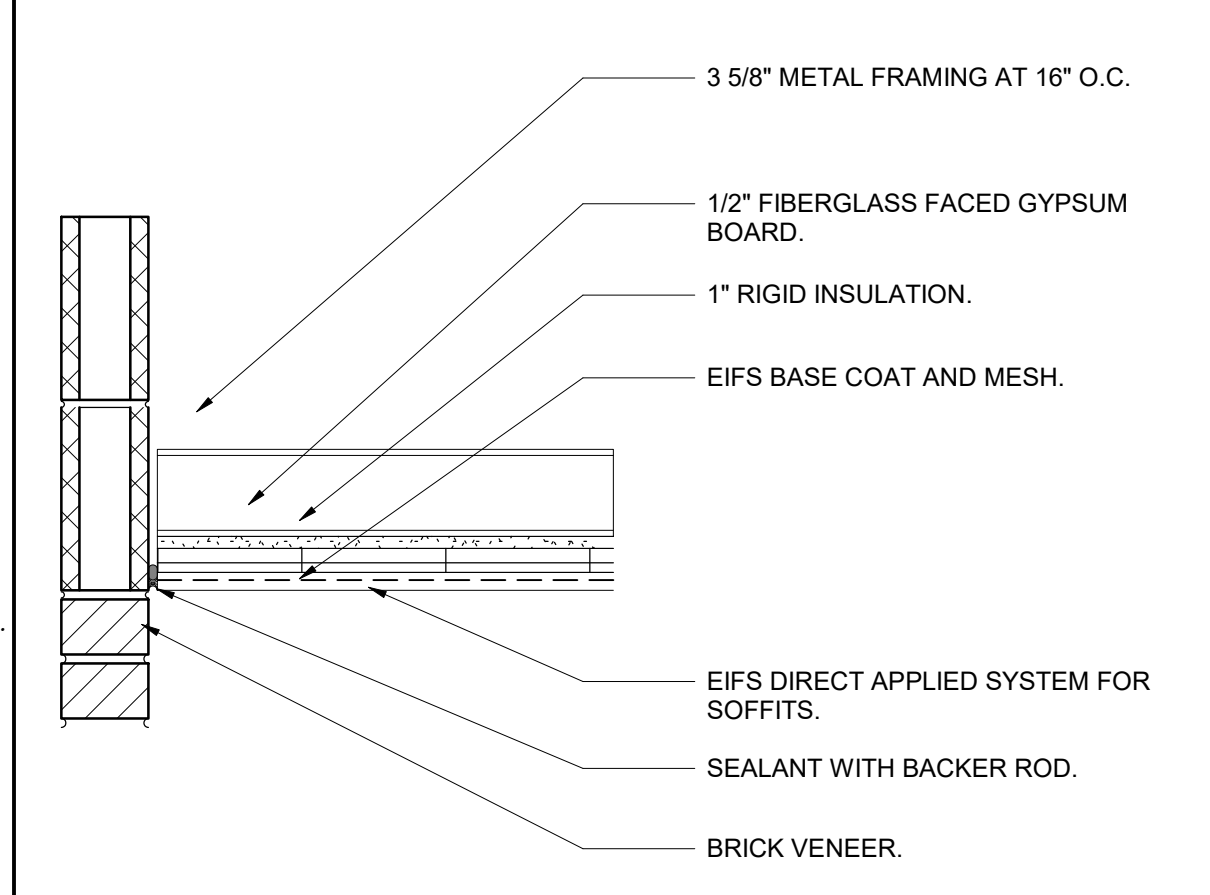
**2**  
A-202  
**DETAIL: SCUPPER AND CONDUCTOR HEAD**  
Scale: 1 1/2" = 1'-0"



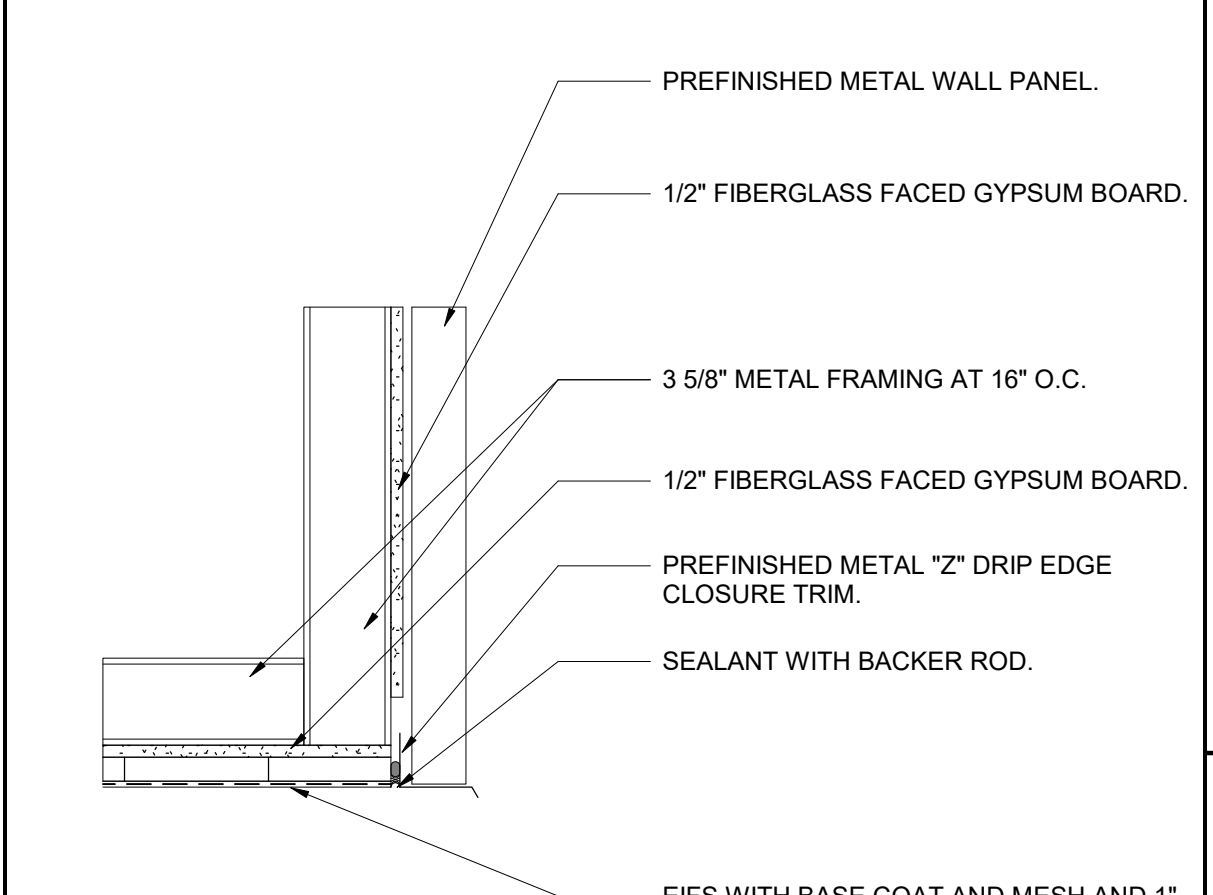
**1**  
A-202  
**SINGLE PLY TO SHINGLE TIE-IN**  
Scale: 1 1/2" = 1'-0"



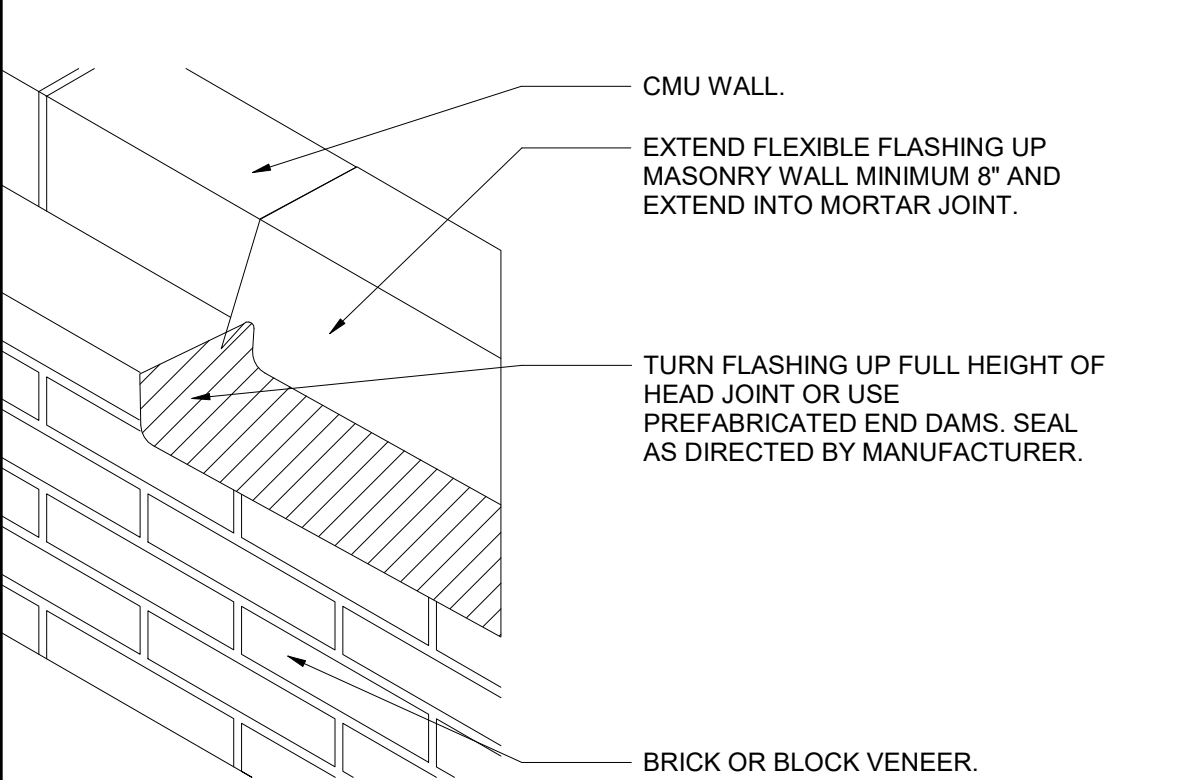
**5**  
A-202  
**DETAIL: GUTTER**  
Scale: 1 1/2" = 1'-0"



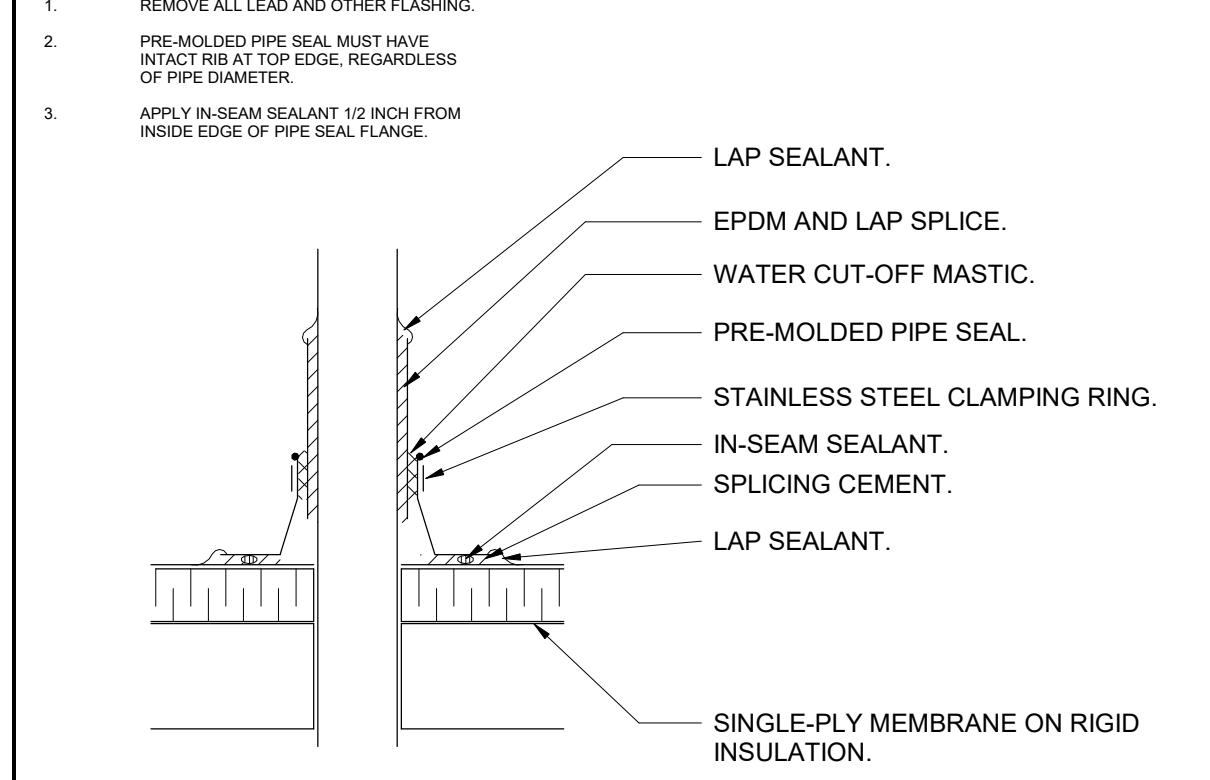
**6**  
A-202  
**DETAIL: EIFS TO BRICK**  
Scale: 1 1/2" = 1'-0"



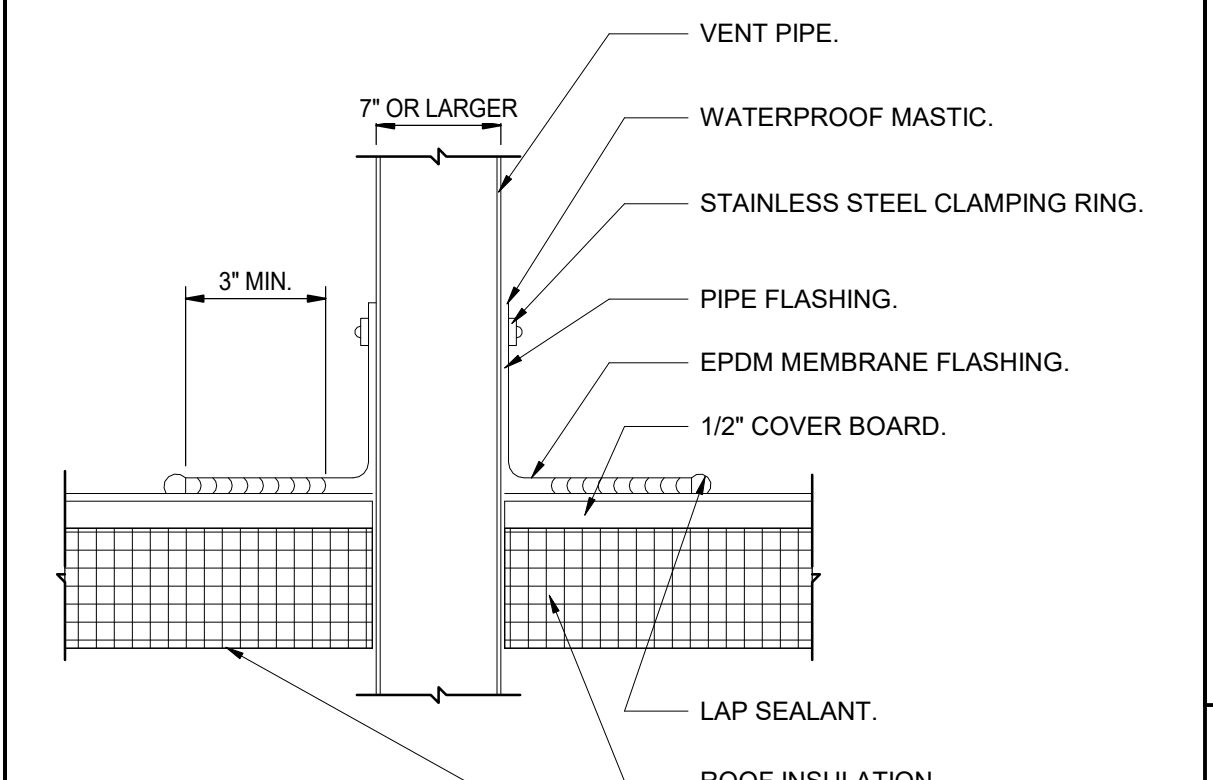
**4**  
A-202  
**DETAIL: METAL FASCIA TO EIFS**  
Scale: 1 1/2" = 1'-0"



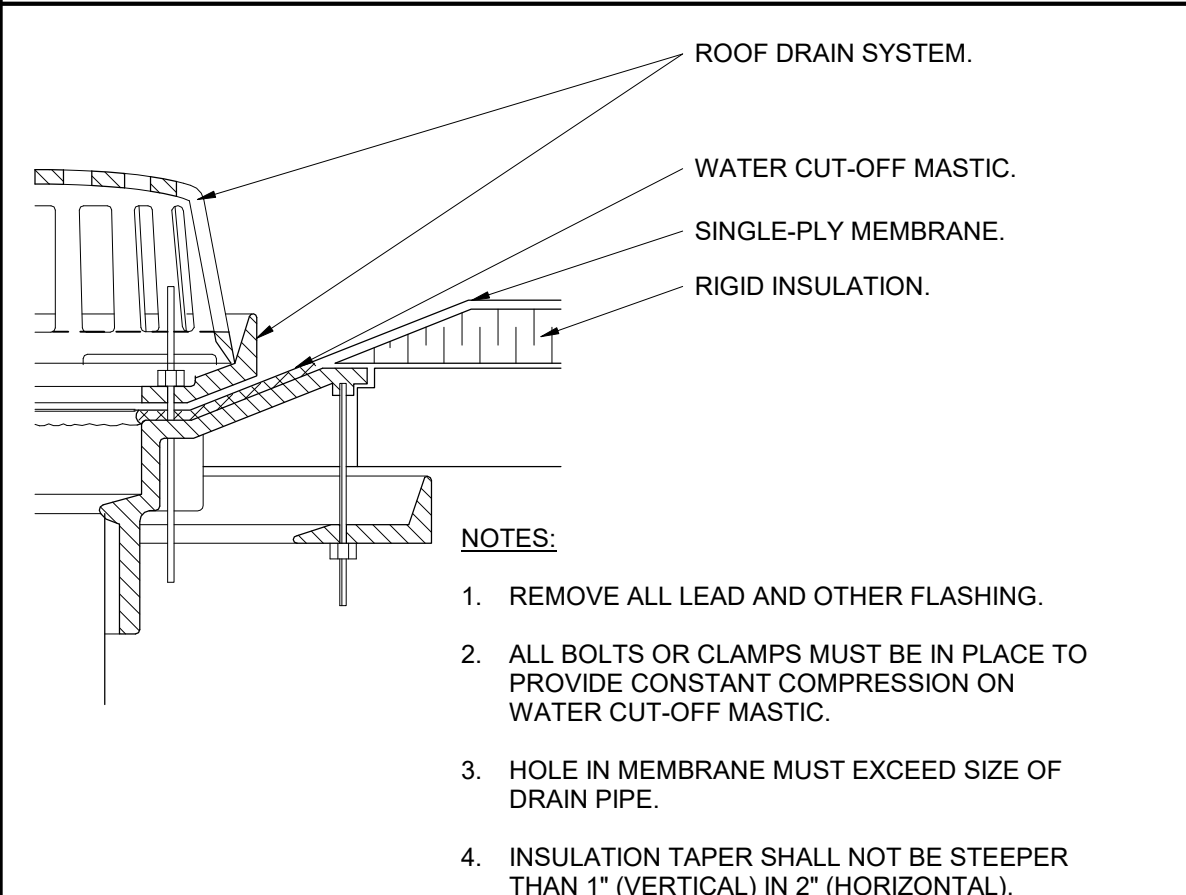
**7**  
A-202  
**DETAIL: MASON'S FLASHING END DAM**  
Scale: NONE



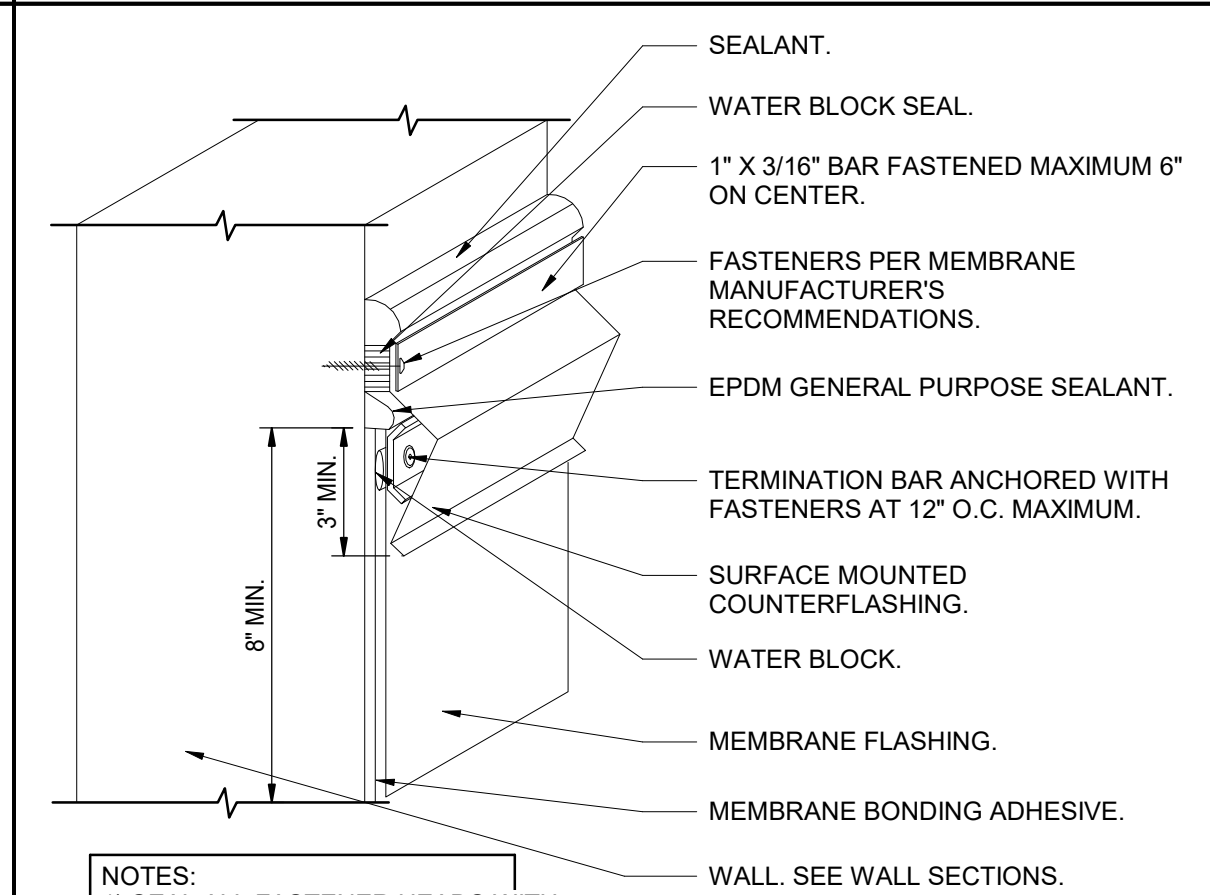
**8**  
A-202  
**DETAIL: PRE-MOLDED VENT PIPE AND EXTENSION**  
Scale: NONE



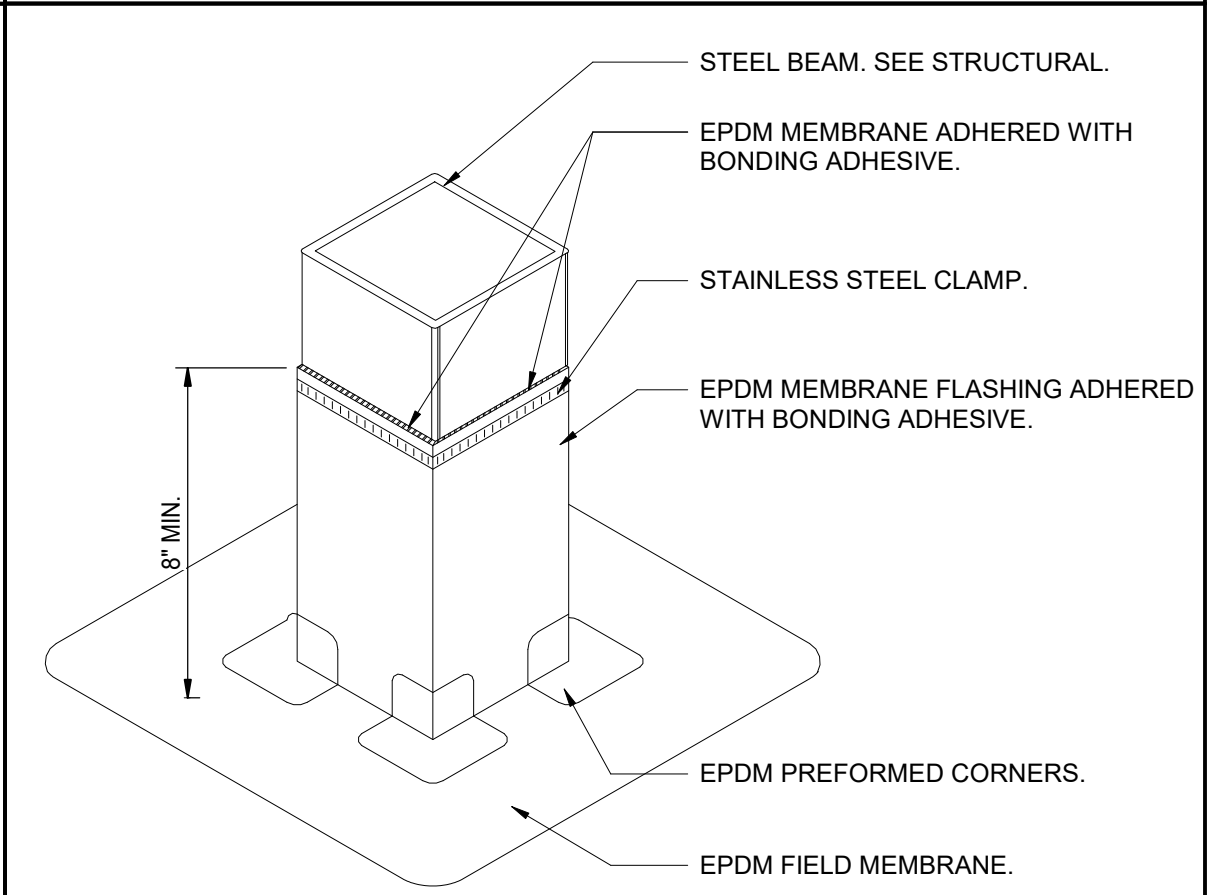
**12**  
A-202  
**DETAIL: VENT FLASHING**  
Scale: 3" = 1'-0"



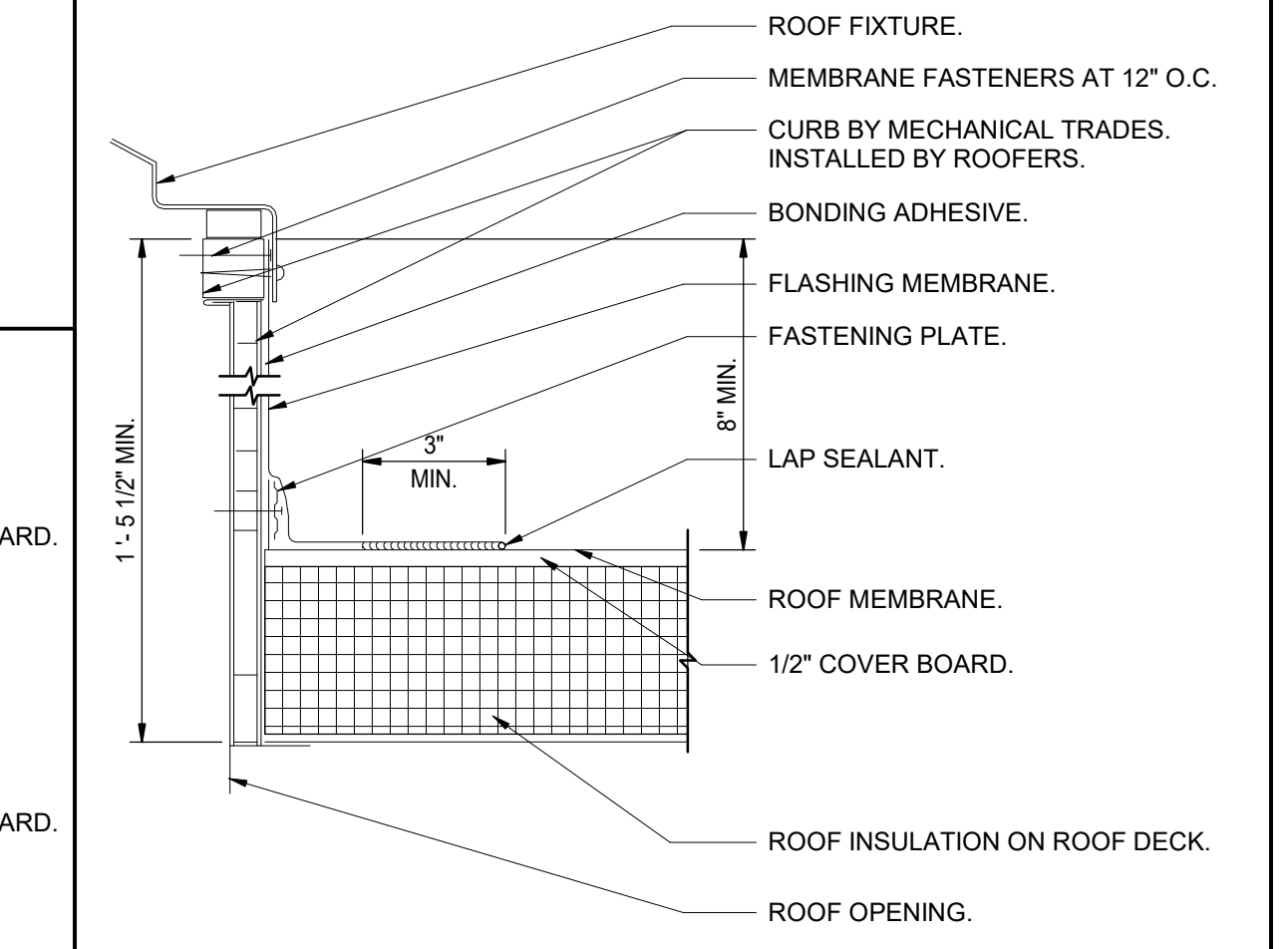
**9**  
A-202  
**DETAIL: ROOF DRAIN**  
Scale: NONE



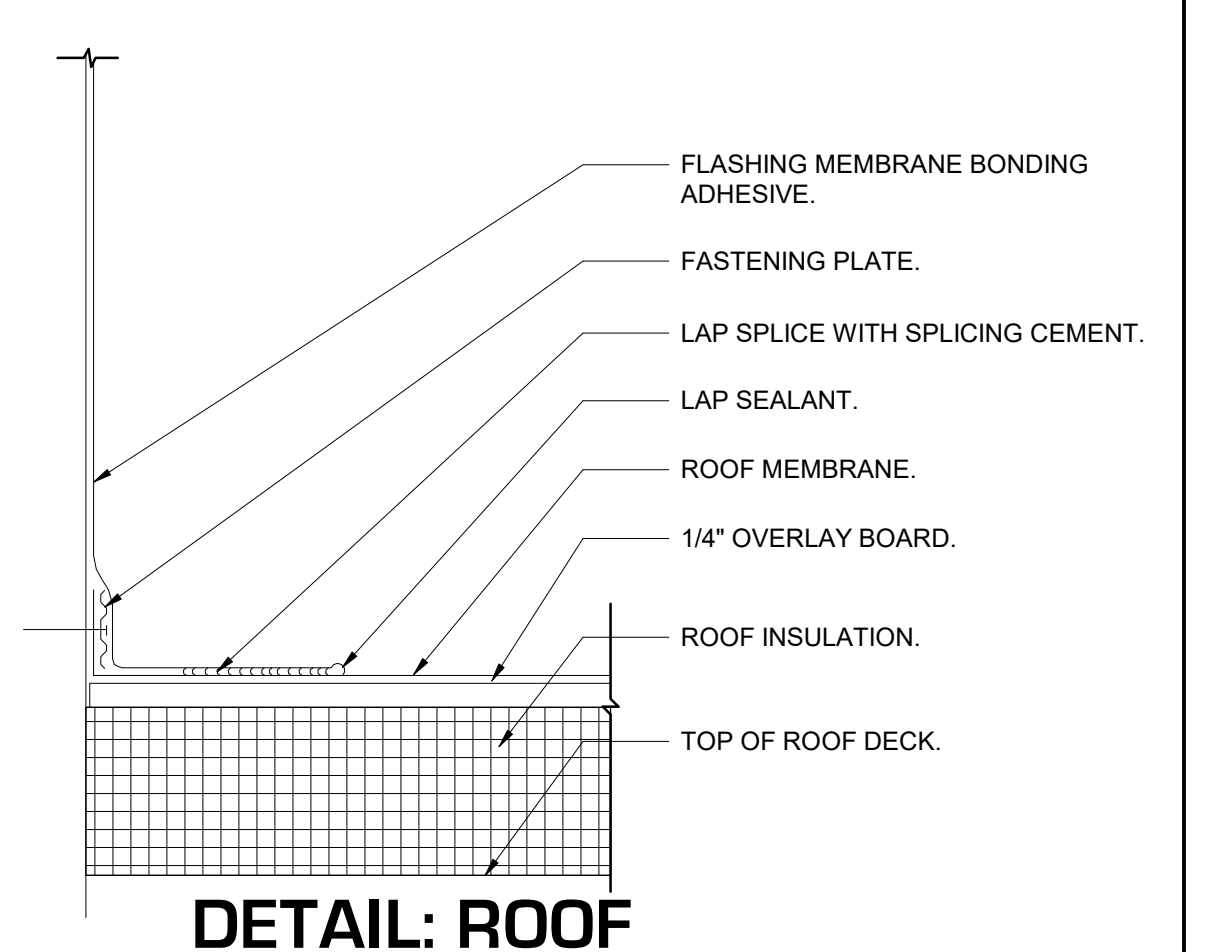
**10**  
A-202  
**DETAIL: COUNTERFLASHING**  
Scale: 3" = 1'-0"



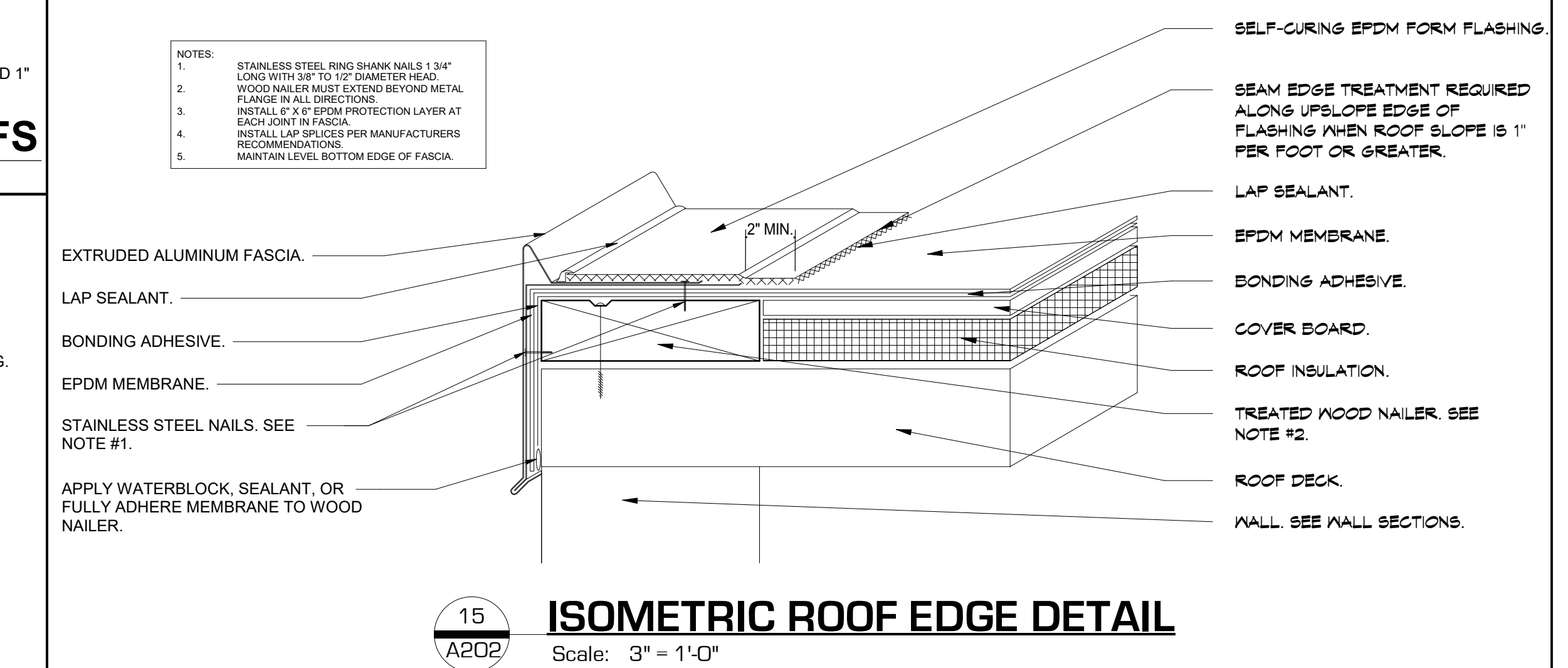
**13**  
A-202  
**DETAIL: STEEL PENETRATION FLASHING**  
Scale: 3" = 1'-0"



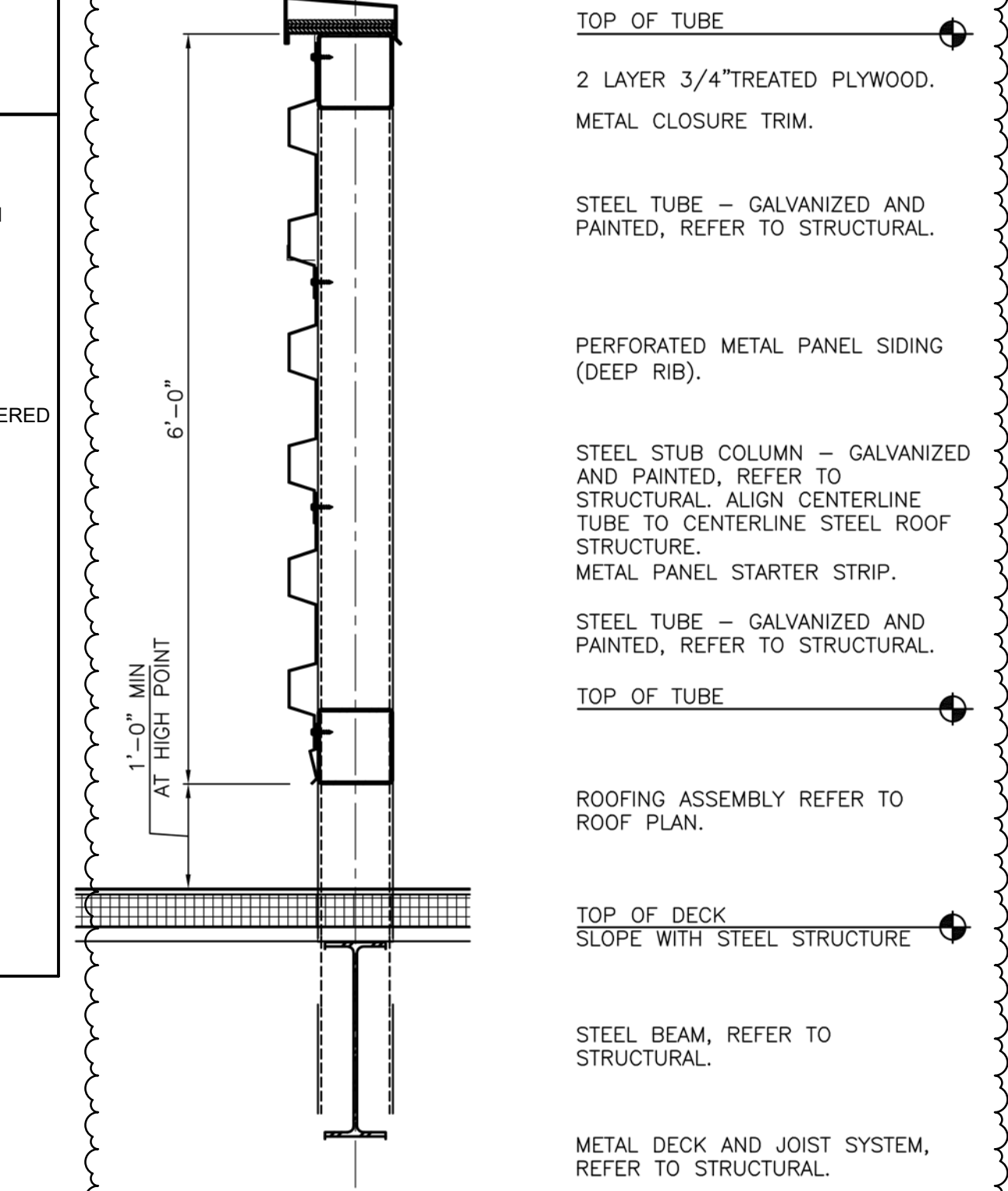
**11**  
A-202  
**DETAIL: ROOF CURB FLASHING**  
Scale: 3" = 1'-0"



**14**  
A-202  
**DETAIL: ROOF TO WALL FLASHING**  
Scale: 3" = 1'-0"



**15**  
A-202  
**ISOMETRIC ROOF EDGE DETAIL**  
Scale: 3" = 1'-0"



**16**  
A-202  
**DETAIL: MECHANICAL SCREEN WALL**  
Scale: 3/4" = 1'-0"



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

PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, 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  
DATE: 04/15/22  
COORDINATED BY  
Designer  
DRAWN BY  
Author  
CHECKED BY  
jkt

COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE CREATED FOR USE ON THE SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

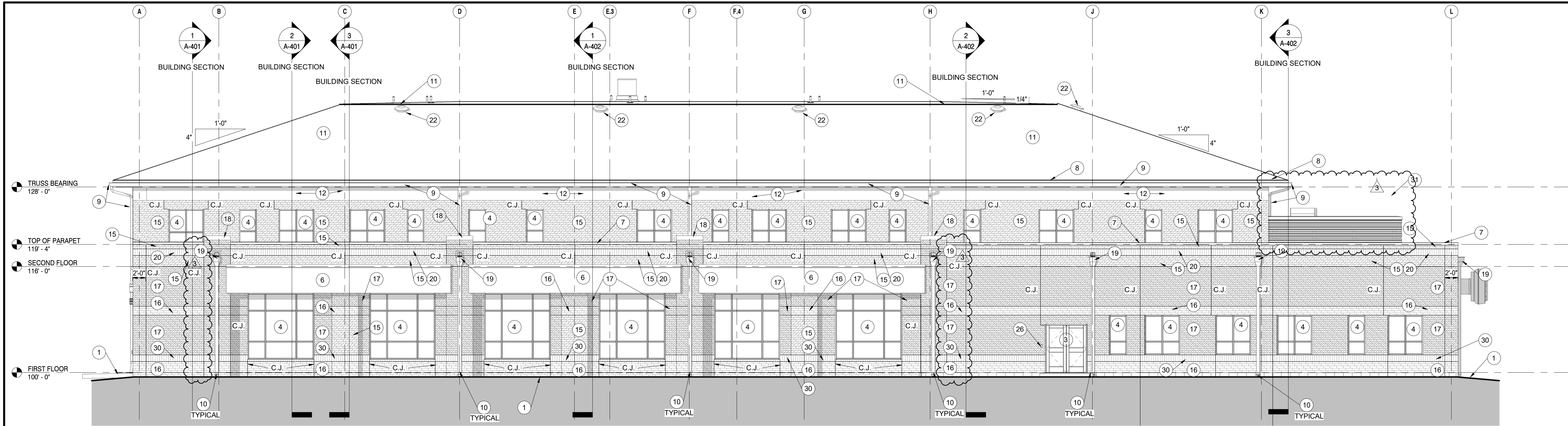
MARK	DATE	ISSUED FOR
3	05/12/2022	ADDENDUM NO. 3

REVISIONS	MARK	DATE	ISSUED FOR

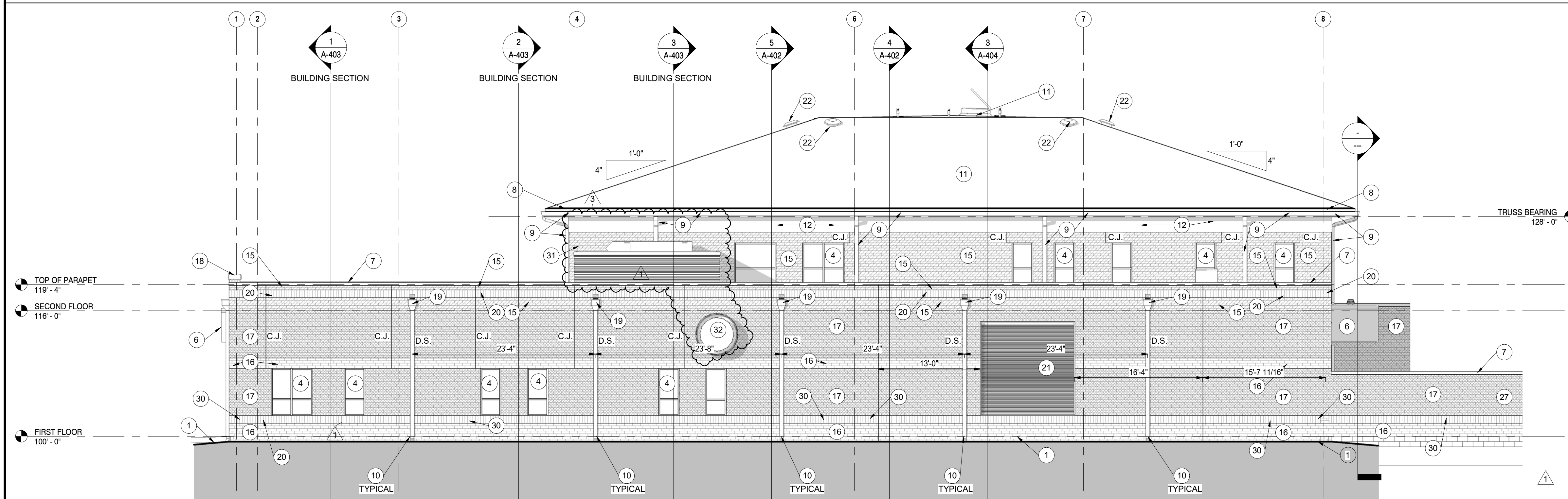
DRAWING  
ROOF DETAILS

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

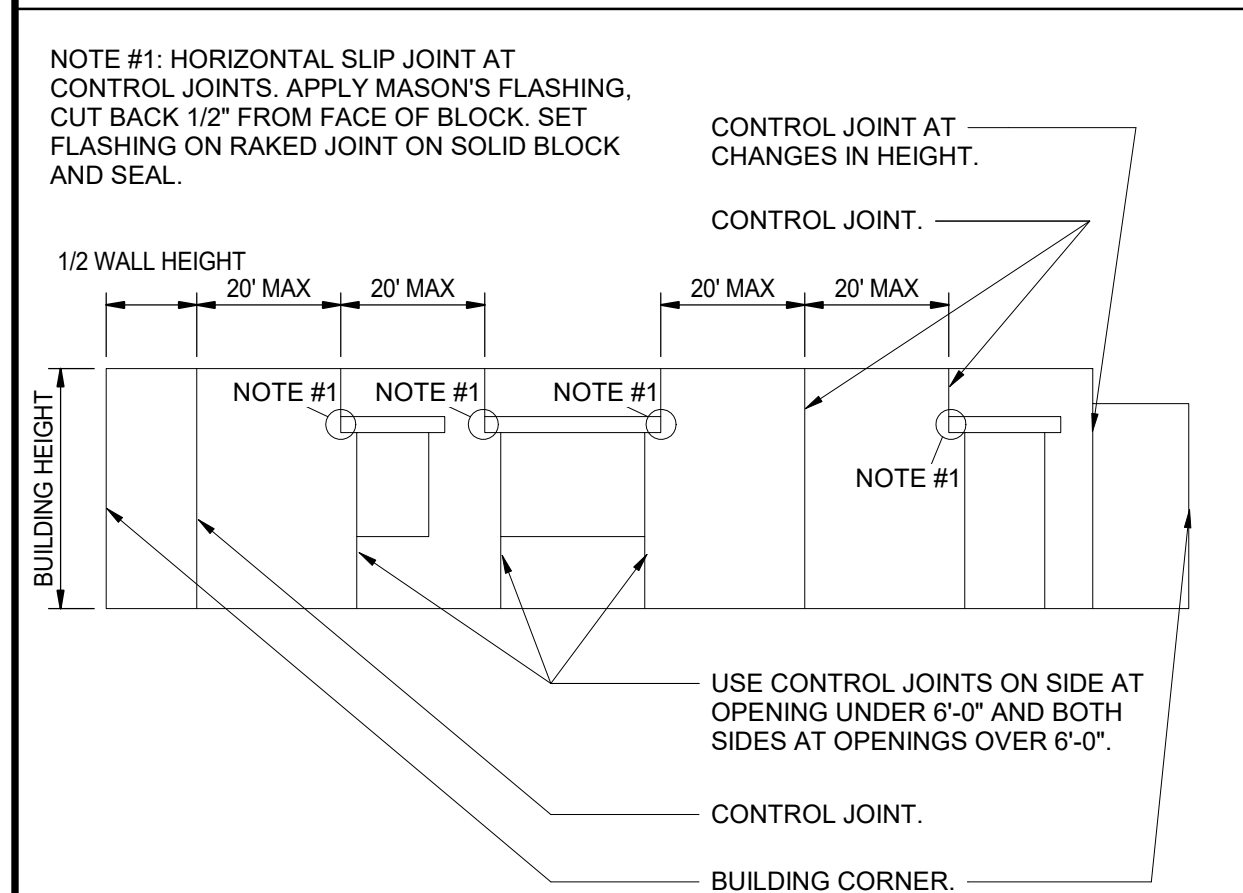
GIBRALTAR DESIGN SHEET  
**AD A-202**



**WEST ELEVATION**  
A-301 1/8" = 1'-0"



**SOUTH ELEVATION**  
A-301 1/8" = 1'-0"



**DETAIL: TYPICAL CONTROL JOINT LOCATION**  
Scale: NONE

**GENERAL ELEVATION NOTES:**

- A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.
- B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTION CUTS, UNLESS INDICATED OTHERWISE.
- C. FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
- D. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FOOTINGS WITH ACTUAL GRADES FOR CELL VENTS TO BE ABOVE GRADE.
- E. STEP BRICK LEDGE DOWN TO BE BELOW GRADE OR CONCRETE WALK UNLESS NOTED OTHERWISE. COORDINATE WITH CIVIL DRAWINGS.
- F. (CJ) INDICATES CONTROL JOINT. REFER TO DETAILS 1/A-404 AND 2/A-404.
- G. AT ENTRIES, DOORWAYS AND VESTIBULES, EXTEND EXTERIOR FACE BRICK PATTERN AND COLOR INTO VESTIBULE WHERE FACE BRICK IS INDICATED ON FLOOR PLANS.

**ELEVATION NOTES:**

- (ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS SHEET)
- 1 APPROXIMATE FINISH GRADE. REFER TO CIVIL DRAWINGS.
  - 2 HOLLOW METAL FRAME AND INSULATED METAL DOOR.
  - 3 ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS.
  - 4 ALUMINUM WINDOW SYSTEM WITH ALUMINUM SILL. SEE SHEET A664
  - 5 PROVIDE 1" INSULATED SPANDREL GLAZING PANEL.
  - 6 PREFINISHED METAL WALL PANELS.
  - 7 METAL PARAPET COPING. REFER TO ROOF PLAN.
  - 8 METAL FASCIA. REFER TO ROOF PLAN.
  - 9 METAL GUTTER AND DOWNSPOUTS. TIE INTO STORM SEWER SEE CIVIL.
  - 10 DOWNSPOUT BOOT. REFER TO CIVIL DRAWINGS.
  - 11 ASPHALT SHINGLES.
  - 12 PREFINISHED METAL FRIEZE.
  - 13 LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
  - 14 PIPE BOLLARD. REFER TO ELECTRICAL DRAWINGS.
  - 15 FACE BRICK (TYPE A1) COLOR A - LIGHT - 1/3 RUNNING BOND - 4x4x12 UTILITY.
  - 16 FACE BRICK (TYPE B1) COLOR B - MEDIUM - 1/3 RUNNING BOND - 4x4x12 UTILITY.
  - 17 FACE BRICK (TYPE C1) COLOR C - DARK - 1/3 RUNNING BOND - 4x4x12 UTILITY.
  - 18 CUT LIMESTONE CAP. REFER TO SECTIONS.
  - 19 PREFINISHED METAL SCUPPER, COLLECTION HEAD, AND DOWNSPOUT.
  - 20 FACE BRICK (TYPE A1) COLOR A - LIGHT - SOLDIER COURSE - 4x4x12 UTILITY.
  - 21 12'-0" x 12'-0" FRESH AIR INTAKE LOUVER. SEE MECHANICAL.
  - 22 ROOF MOUNTED POWER VENT.
  - 23 INSULATED COILING OVERHEAD DOOR.
  - 24 KNOX BOX. COORDINATE LOCATION WITH LOCAL SERVING FIRE DEPARTMENT.
  - 25 PUSH PAD FOR ADA OPERATOR. REFER TO ELECTRICAL DRAWINGS.
  - 26 CARD/FOB READER. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
  - 27 MASONRY MECHANICAL SCREEN WALL. SEE SHEET A107 AND COORDINATE WITH CIVIL DRAWINGS.
  - 28 FACE BRICK (TYPE A1) COLOR A - LIGHT - ROWLOCK COURSE - 4x4x12 UTILITY.
  - 29 DATE STONE AND TIME CAPSULE. REFER TO DETAIL.
  - 30 FACE BRICK (TYPE B1) COLOR B - MEDIUM - SOLDIER COURSE - 4x4x12 UTILITY.
  - 31 MECHANICAL SCREEN WALL. SEE 18/A202
  - 32 ALUMINUM SUNSHADE WITH 30" PROJECTION FULL WIDTH OF CURTAIN WALL.
  - 33 KITCHEN EXHAUST FAN. SEE MECHANICAL/KITCHEN DRAWINGS.
  - 34 LOUVER. SEE MECHANICAL.



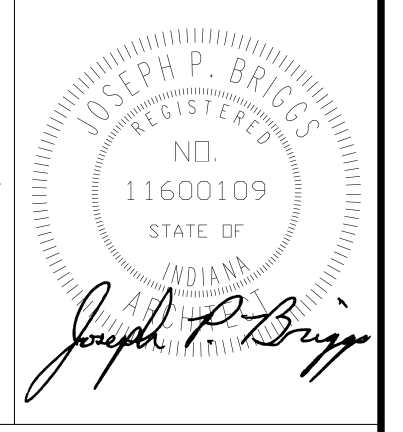
PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

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  
DATE 04/15/22  
COORDINATED BY N  
DRAWN BY JFK AB  
CHECKED BY JB



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, FRAME, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE SPECIFICALLY FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

**REVISIONS**

MARK	DATE	ISSUED FOR
1	04/28/2022	ADDENDUM NO. 1
3	05/12/2022	ADDENDUM NO. 3

DRAWING  
**SOUTH AND WEST ELEVATIONS**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD A-301**



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

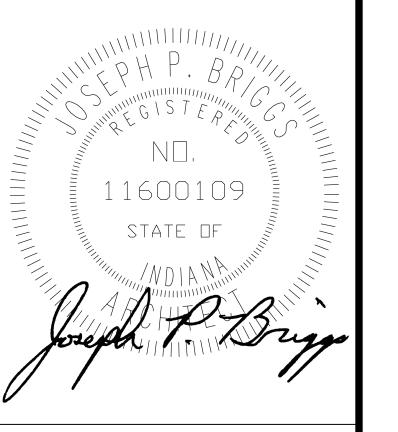
PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

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  
DATE 04/15/22  
COORDINATED BY JB  
DRAWN BY CA, MH, AB  
CHECKED BY JKF



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS		
MARK	DATE	ISSUED FOR
1	04/28/2022	ADDENDUM NO. 1
3	05/12/2022	ADDENDUM NO. 3

DRAWING  
NORTH AND EAST ELEVATIONS

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

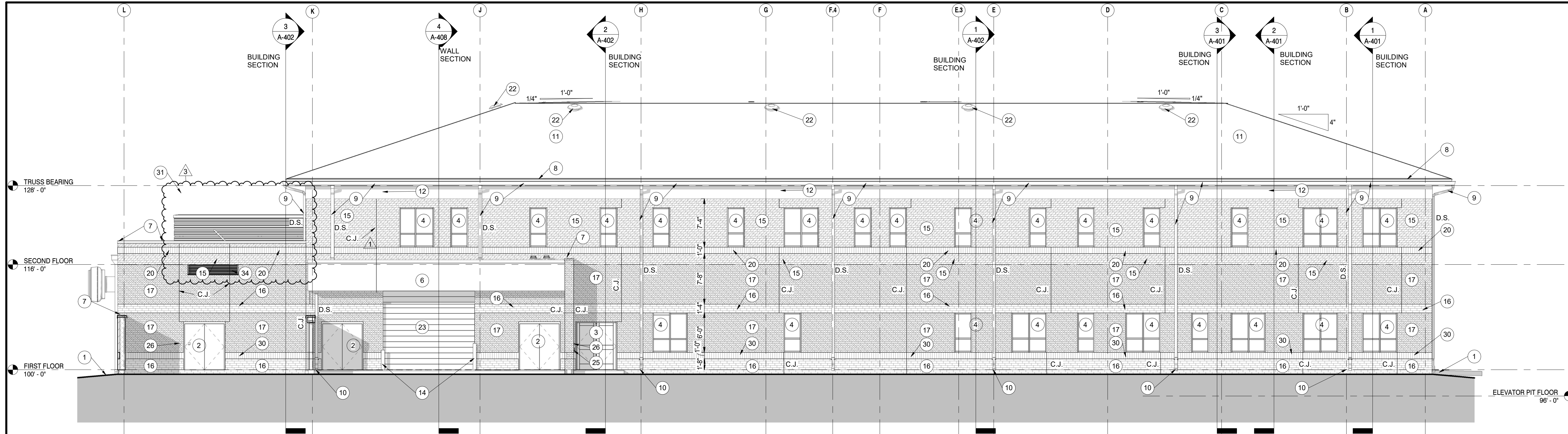
GIBRALTAR DESIGN SHEET  
**AD A-302**

**GENERAL ELEVATION NOTES:**

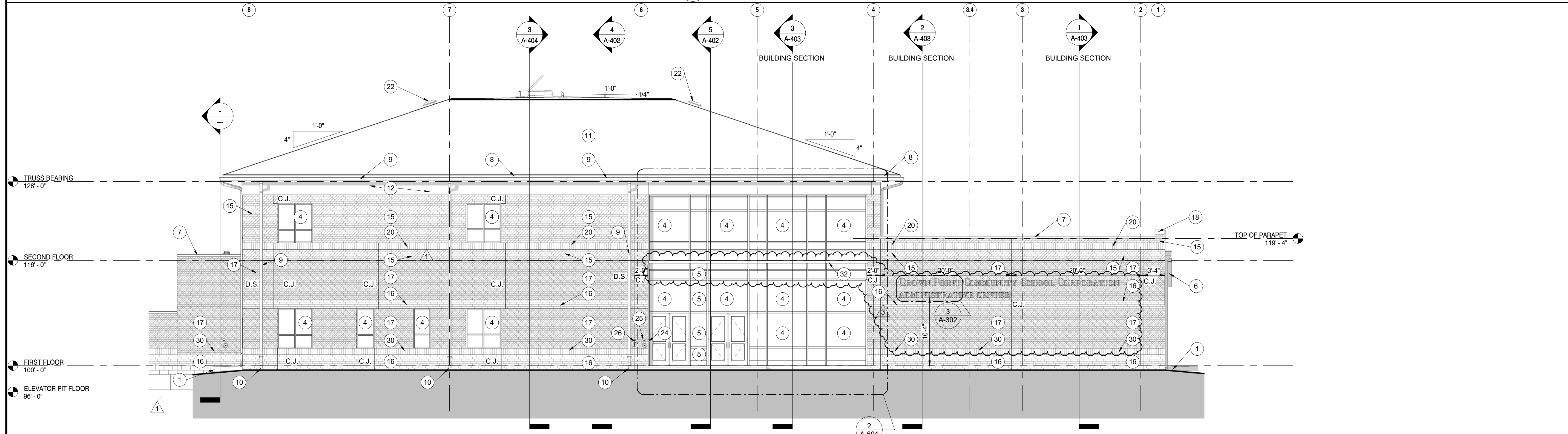
- A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.
- B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTION CUTS, UNLESS INDICATED OTHERWISE.
- C. FOR LOCATION AND MOUNTING HEIGHT OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
- D. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR REFERENCE ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FOOTINGS WITH ACTUAL GRADES FOR CELL VENTS TO BE ABOVE GRADE.
- E. STEP BRICK LEDGE DOWN TO BE BELOW GRADE OR CONCRETE WALK UNLESS NOTED OTHERWISE. COORDINATE WITH CIVIL DRAWINGS.
- F. (CJ) INDICATES CONTROL JOINT. REFER TO DETAILS 1/A-404 AND 2/A-404.
- G. AT ENTRIES, DOORWAYS AND VESTIBULES. EXTEND EXTERIOR FACE BRICK PATTERN AND COLOR INTO VESTIBULE WHERE FACE BRICK IS INDICATED ON FLOOR PLANS.

**ELEVATION NOTES:**

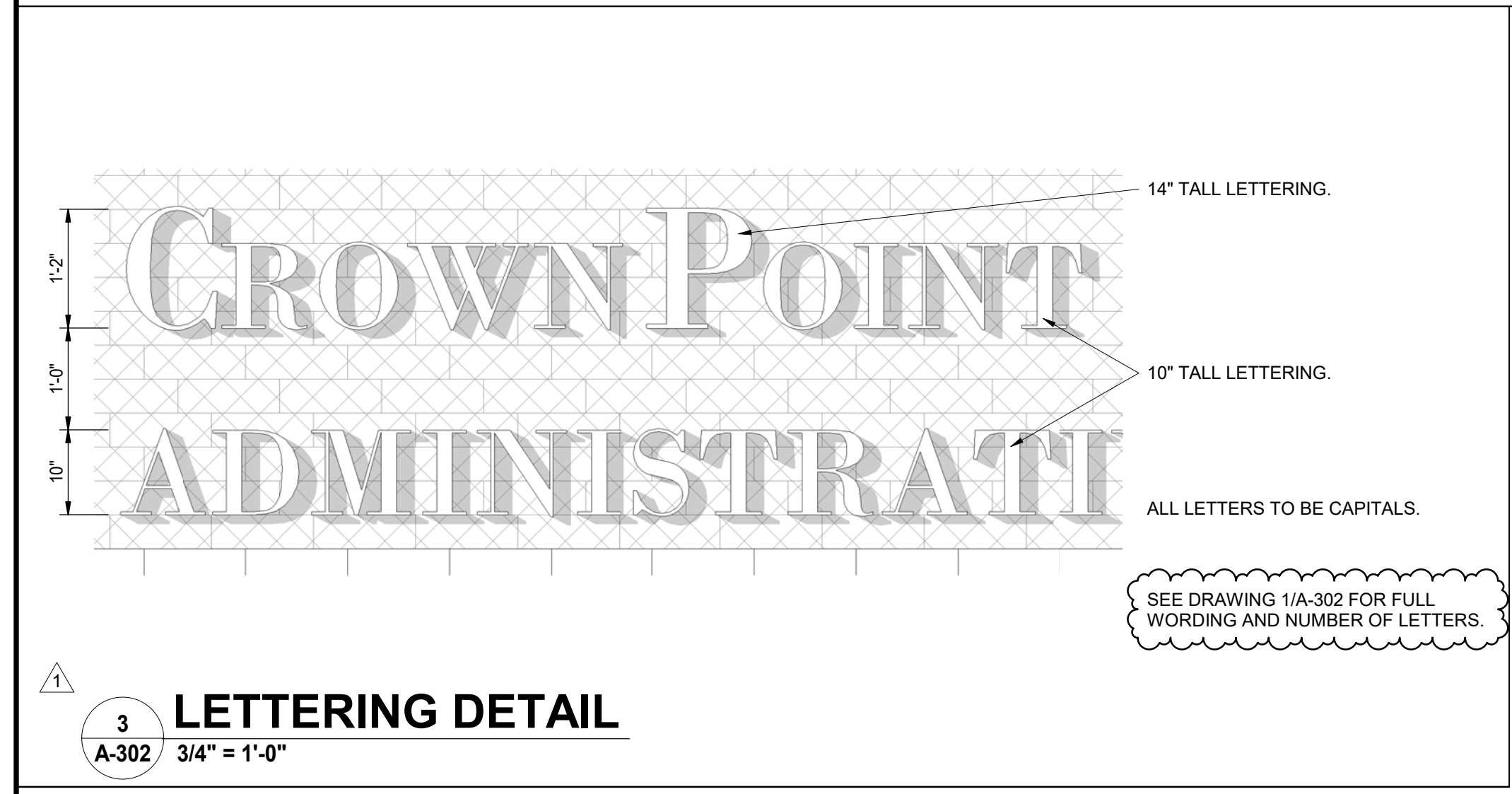
- (ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS SHEET)
- 1 APPROXIMATE FINISH GRADE. REFER TO CIVIL DRAWINGS.
  - 2 HOLLOW METAL FRAME AND INSULATED METAL DOOR.
  - 3 ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS.
  - 4 ALUMINUM WINDOW SYSTEM WITH ALUMINUM SILL. SEE SHEET A604
  - 5 PROVIDE 1" INSULATED SPANDREL GLAZING PANEL.
  - 6 PREFINISHED METAL WALL PANELS.
  - 7 METAL PARAPET COPING. REFER TO ROOF PLAN.
  - 8 METAL FASCIA. REFER TO ROOF PLAN.
  - 9 METAL GUTTER AND DOWNSPOUTS. TIE INTO STORM SEWER SEE CIVIL.
  - 10 DOWNSPOUT BOOT. REFER TO CIVIL DRAWINGS.
  - 11 ASPHALT SHINGLES.
  - 12 PREFINISHED METAL FRIEZE.
  - 13 PIPE BOLLARD. REFER TO ELECTRICAL DRAWINGS.
  - 14 FACE BRICK (TYPE A1) COLOR A - LIGHT - 1/3 RUNNING BOND - 4X4X12 UTILITY.
  - 15 FACE BRICK (TYPE B1) COLOR B - MEDIUM - 1/3 RUNNING BOND - 4X4X12 UTILITY.
  - 16 FACE BRICK (TYPE C1) COLOR C - DARK - 1/3 RUNNING BOND - 4X4X12 UTILITY.
  - 17 CUT LIMESTONE CAP. REFER TO SECTIONS.
  - 18 PREFINISHED METAL SCUPPER, COLLECTION HEAD, AND DOWNSPOUT.
  - 19 FACE BRICK (TYPE A1) COLOR A - LIGHT - SOLDIER COURSE - 4X4X12 UTILITY.
  - 20 12'-0" x 12'-0" FRESH AIR INTAKE LOUVER. SEE MECHANICAL.
  - 21 ROOF MOUNTED POWER VENT.
  - 22 INSULATED COILING OVERHEAD DOOR.
  - 23 KNOX BOX. COORDINATE LOCATION WITH LOCAL SERVICING FIRE DEPARTMENT.
  - 24 PUSH PAD FOR ADA OPERATOR. REFER TO ELECTRICAL DRAWINGS.
  - 25 CARD FOB READER. REFER TO ELECTRICAL/ TECHNOLOGY DRAWINGS.
  - 26 MASONRY MECHANICAL SCREEN WALL. SEE SHEET A107 AND COORDINATE WITH CIVIL DRAWINGS.
  - 27 FACE BRICK (TYPE A1) COLOR A - LIGHT - ROWLOCK COURSE - 4X4X12 UTILITY.
  - 28 DATE STONE AND TIME CAPSULE. REFER TO DETAIL.
  - 29 FACE BRICK (TYPE B1) COLOR B - MEDIUM - SOLDIER COURSE - 4X4X12 UTILITY.
  - 30 MECHANICAL SCREEN WALL. SEE 16/A202.
  - 31 ALUMINUM SUNSHADE WITH 30" PROJECTION FULL WIDTH OF CURTAIN WALL.
  - 32 KITCHEN EXHAUST FAN. SEE MECHANICAL/KITCHEN DRAWINGS.
  - 33 LOUVER. SEE MECHANICAL.



**2 EAST ELEVATION**  
A-302 / 1/8" = 1'-0"



**1 NORTH ELEVATION**  
A-302 / 1/8" = 1'-0"



**3 LETTERING DETAIL**  
A-302 / 3/4" = 1'-0"

C:\Users\saudin\Documents\Crown Point Admin Bldg\_abuschkoetter.rvt 5/12/2022 4:33:49 PM



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

PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GIBALTAR DESIGN**

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

PROJECT  
DATE 04/15/22  
COORDINATED BY  
Designer  
DRAWN BY  
Author  
CHECKED BY  
Checker

**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

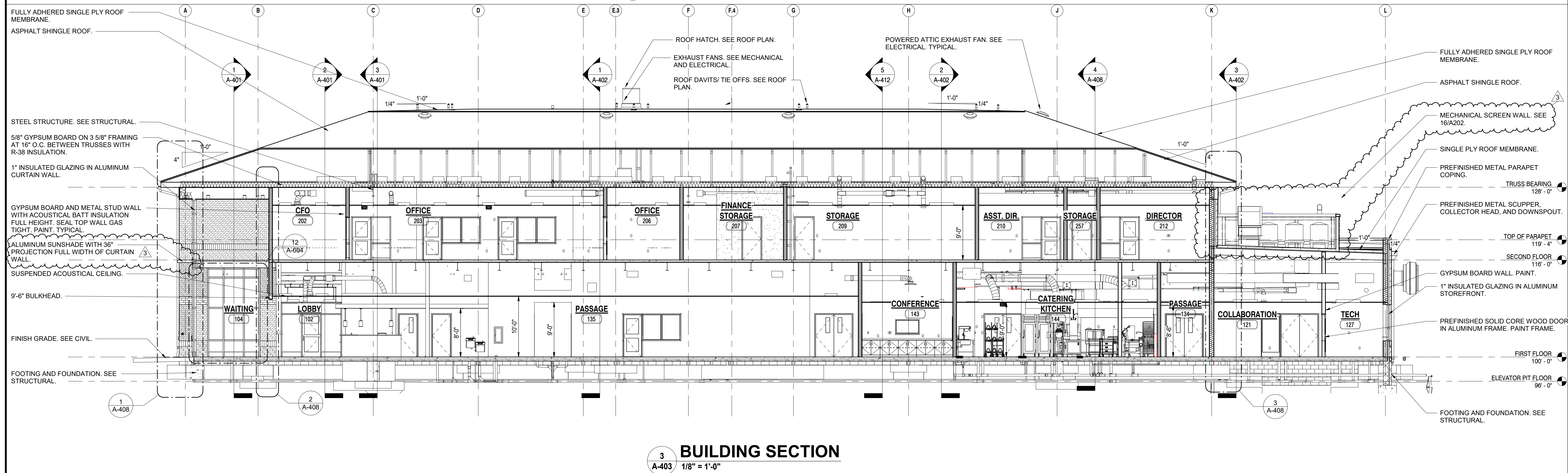
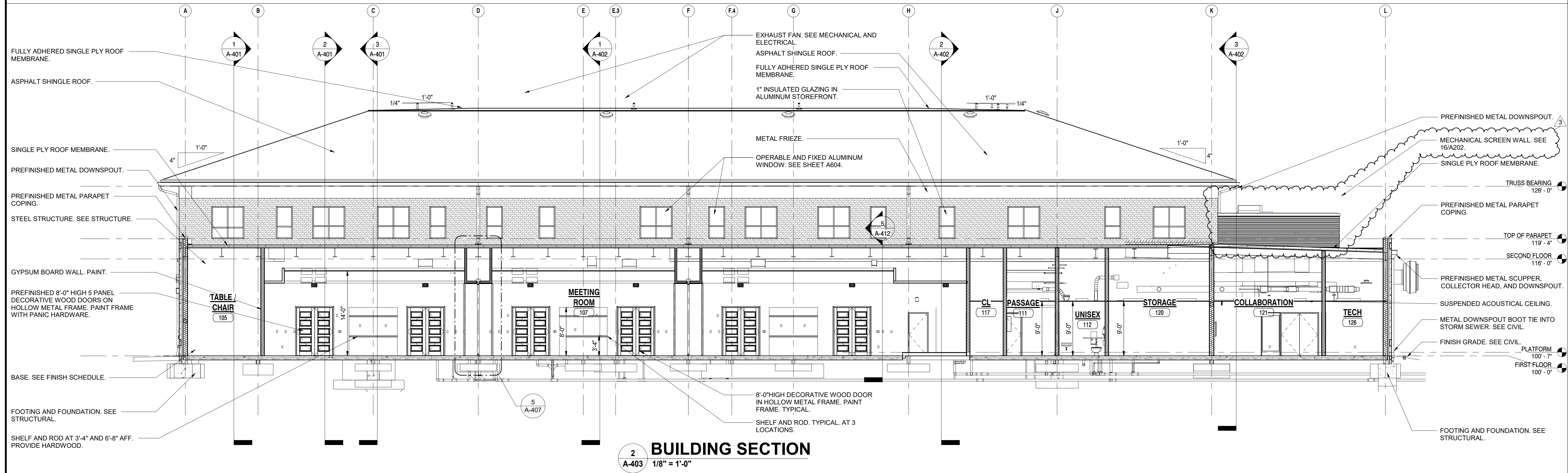
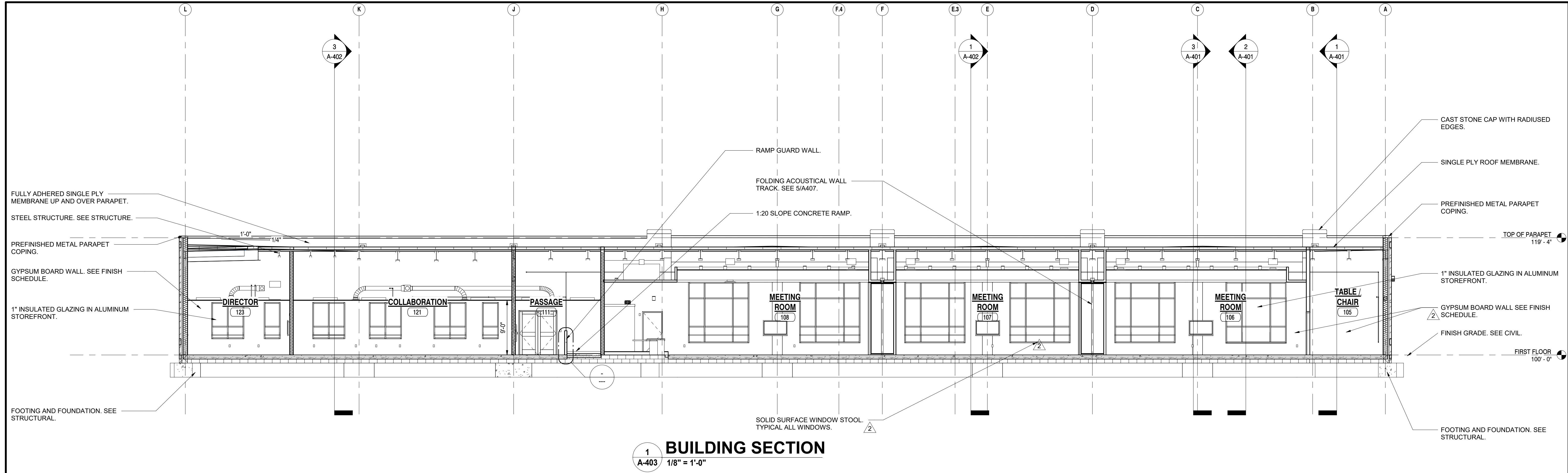
REVISIONS

MARK	DATE	ISSUED FOR
2	05/05/2022	ADDENDUM NO. 2
3	05/12/2022	ADDENDUM NO. 3

DRAWING  
**BUILDING SECTIONS**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBALTAR DESIGN SHEET  
**AD A-403**



C:\Users\saudin\Documents\Crown Point Admin Bldg\_ahuschkoe\ter.rvt



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

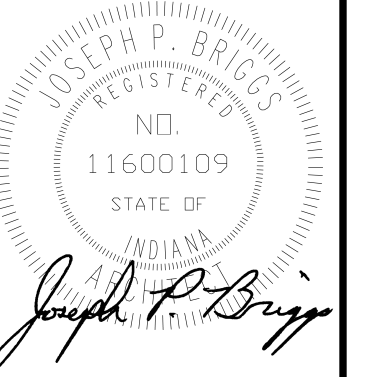
PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

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  
DATE 04/15/22  
COORDINATED BY  
Designer  
DRAWN BY  
Author  
CHECKED BY  
Checker



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, DRAWING, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

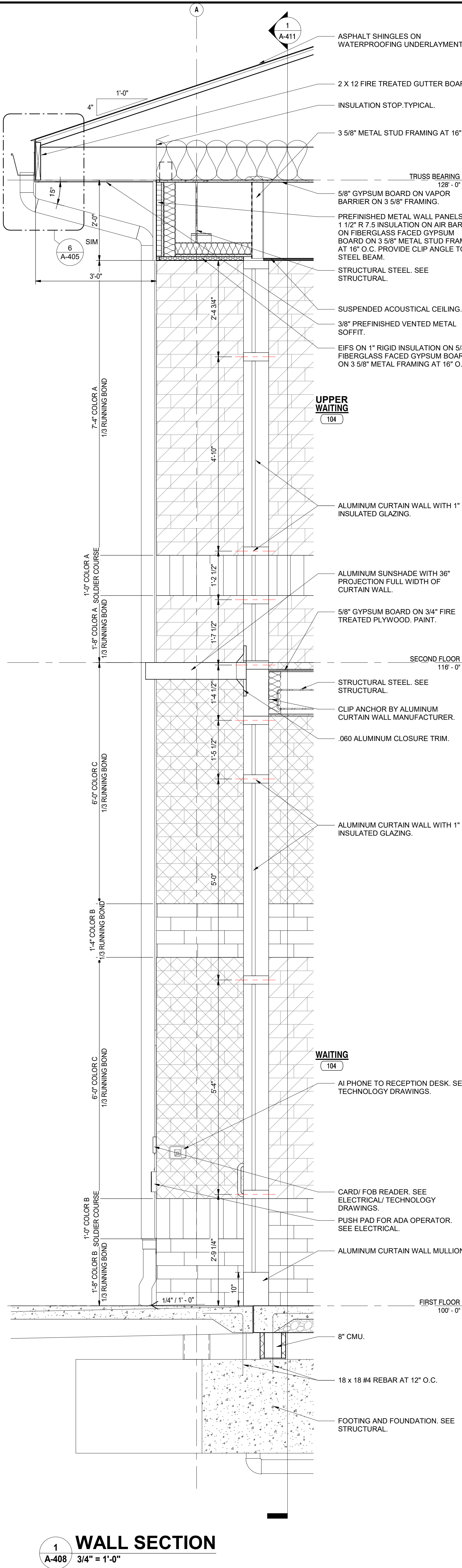
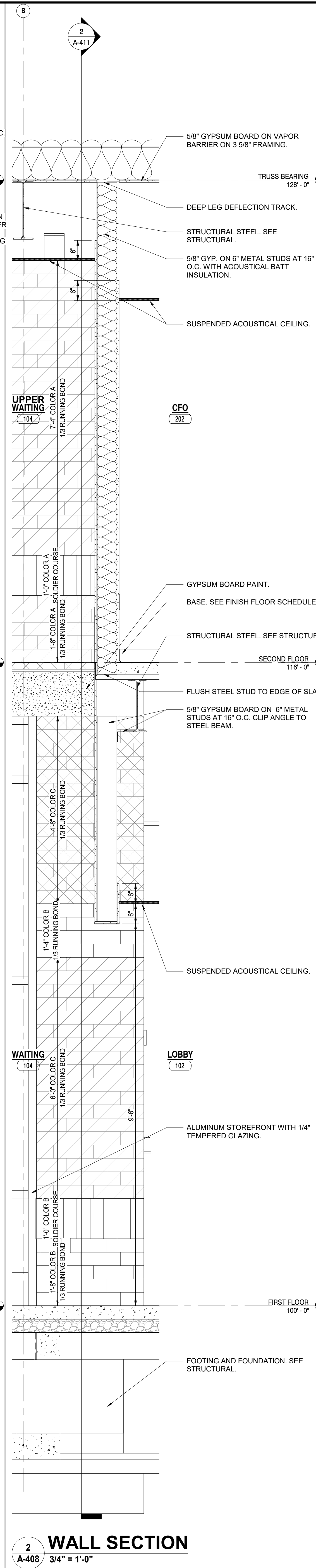
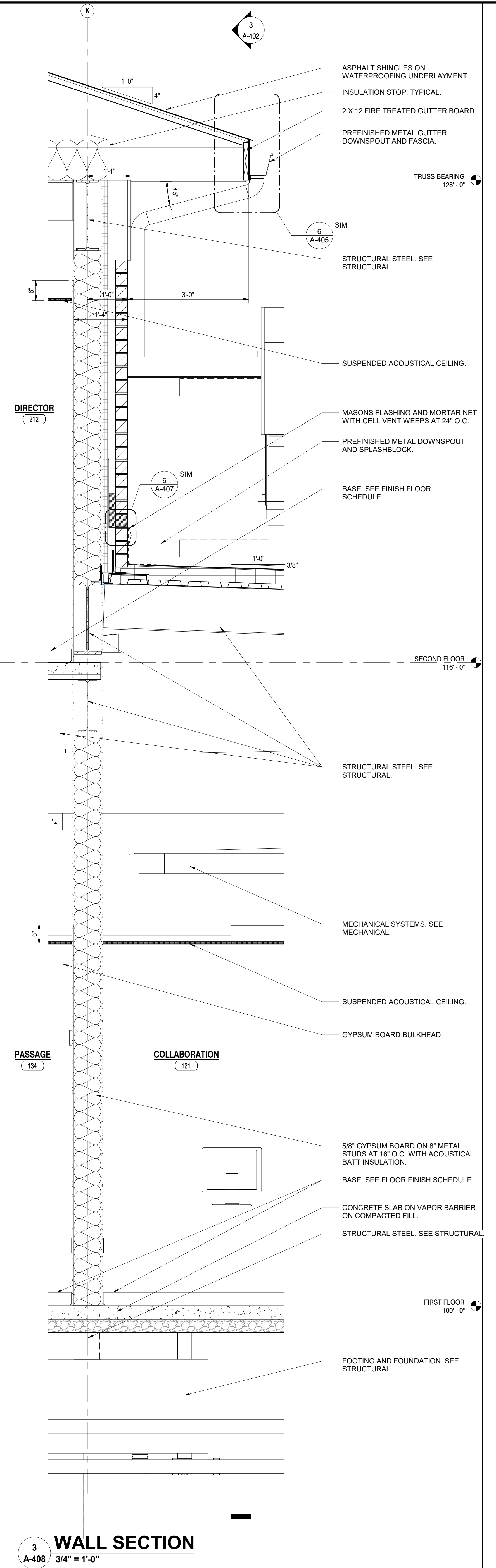
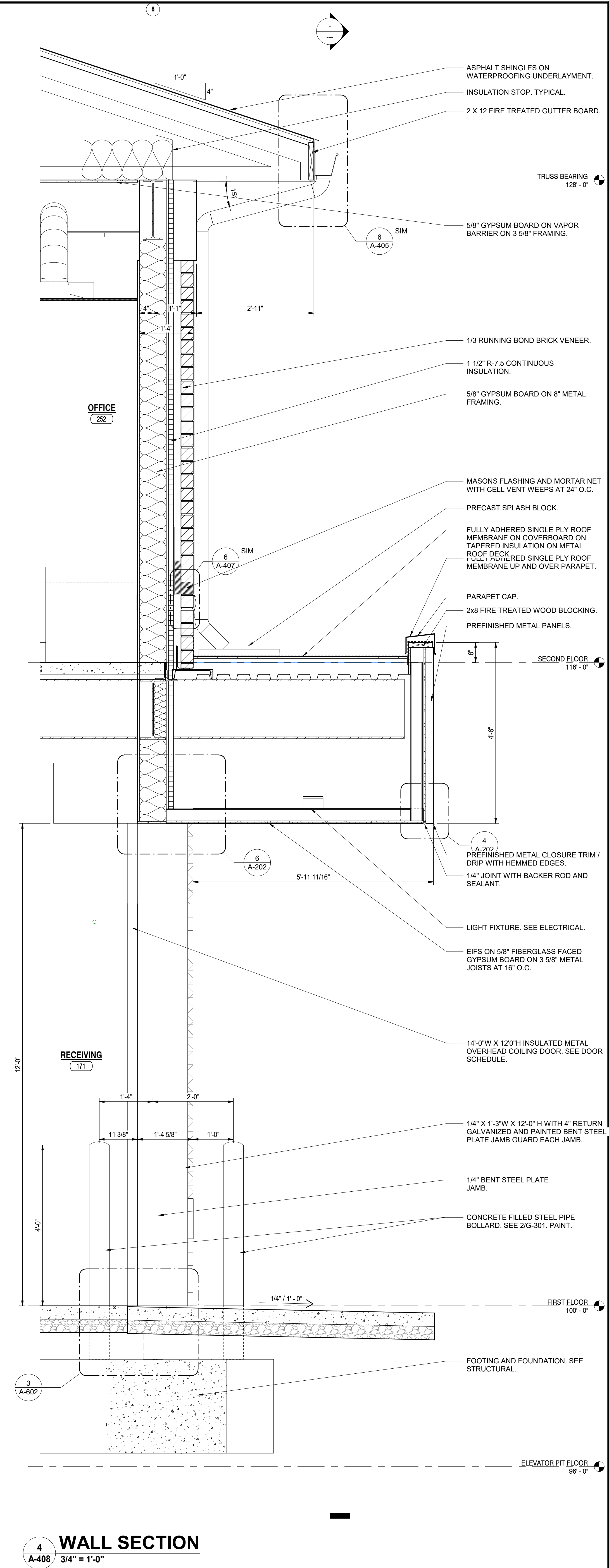
REVISIONS

MARK	DATE	ISSUED FOR
2	05/05/2022	ADDENDUM NO. 2

DRAWING  
**WALL SECTIONS**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD A-408**



C:\Users\saustin\Documents\Crown Point Admin Bldg\_abuschkoetter.rvt  
5/12/2022 4:34:26 PM



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

PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GIBALTAR DESIGN**

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

PROJECT

DATE: 04/15/22  
COORDINATED BY: GWT  
DRAWN BY: JMG  
CHECKED BY: GWT

COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR USED FOR ANY OTHER PROJECT WITHOUT THE WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS		
MARK	DATE	ISSUED FOR
2	05/05/2022	ADDENDUM NO. 2
3	05/12/2022	ADDENDUM NO. 3

DRAWING  
ENLARGED STAIR PLANS

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

DRAWING: AD SHEET: A-410

**GENERAL NOTES:**

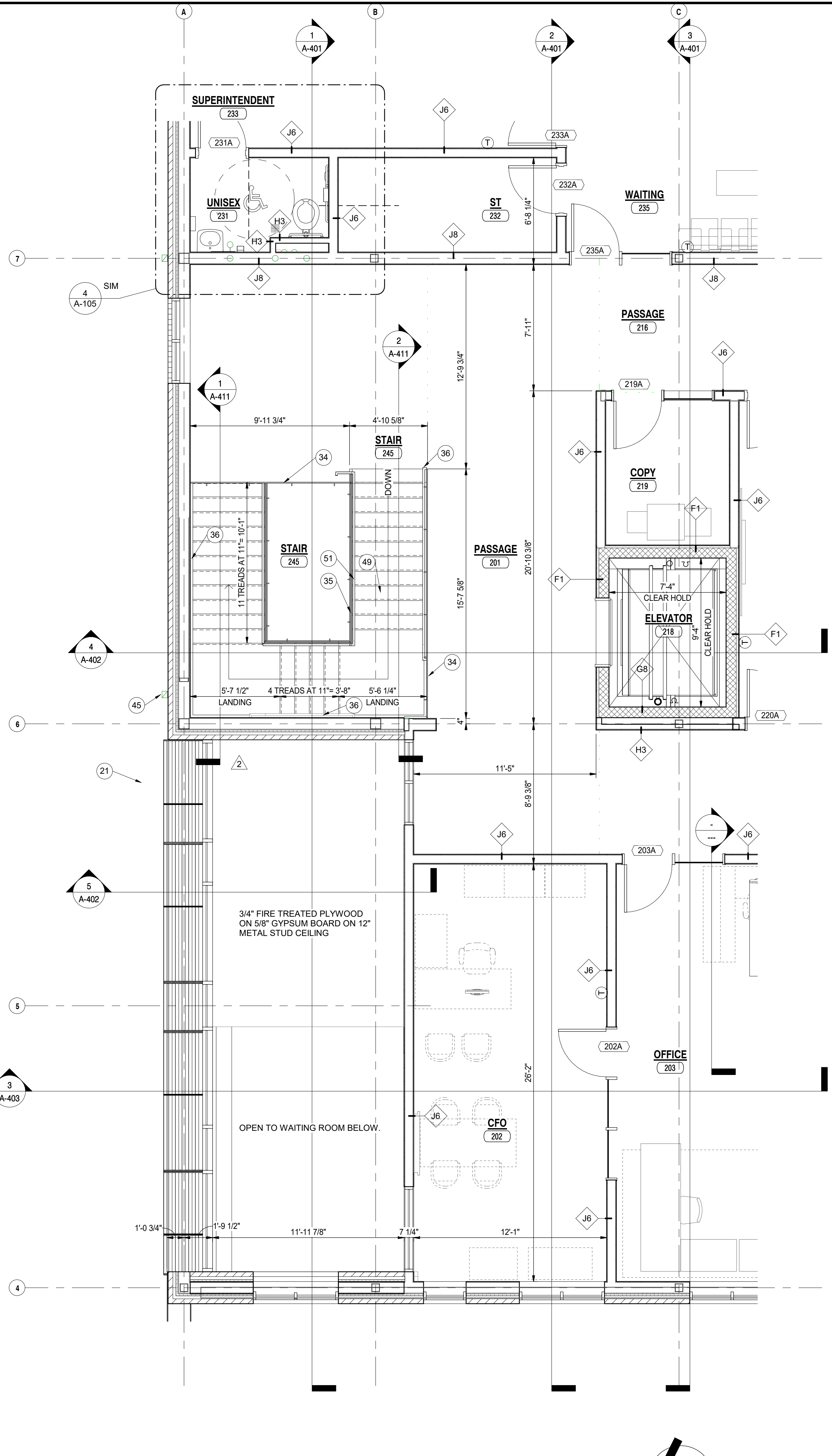
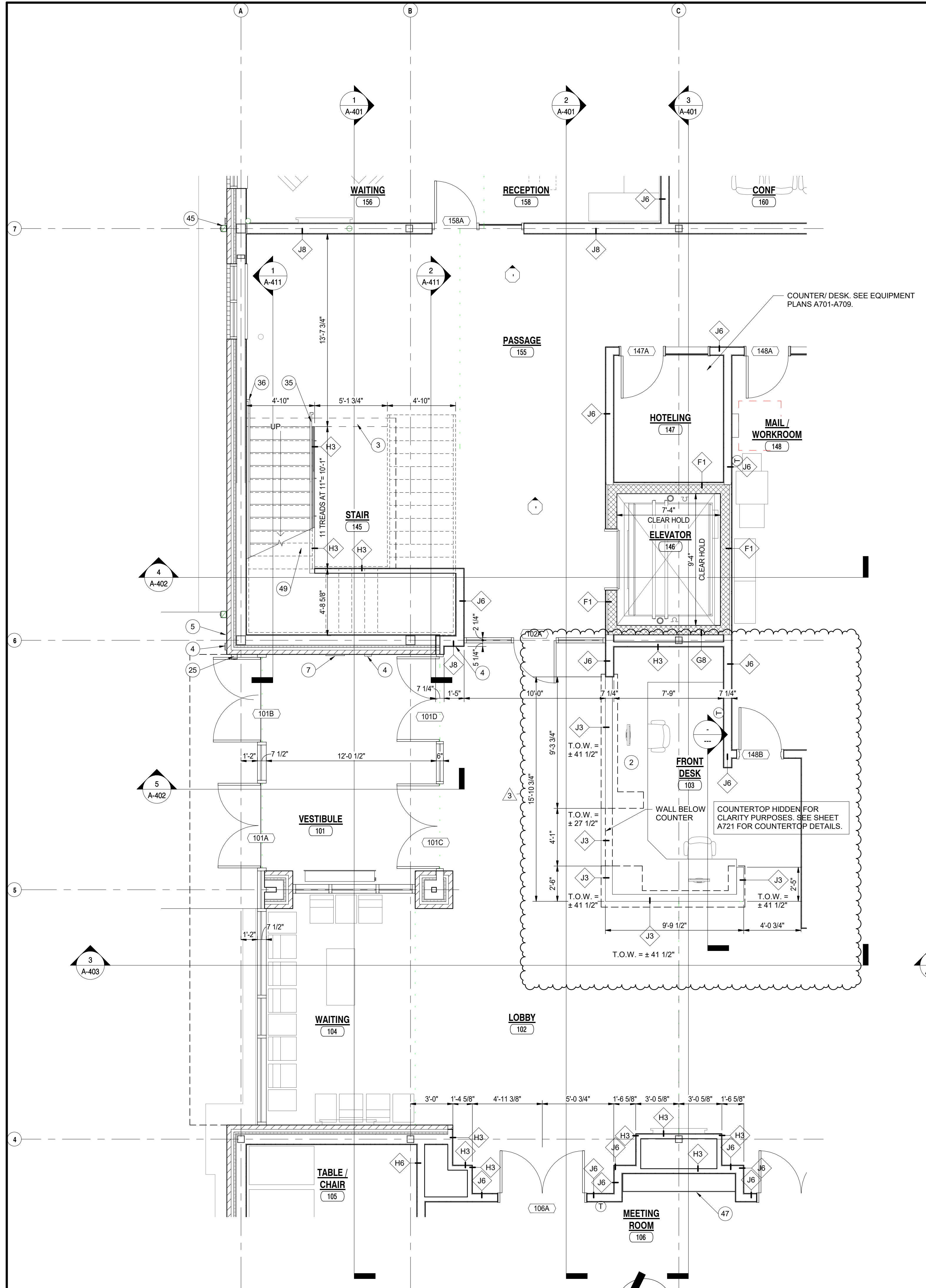
- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO SHEET G-301.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO FACE OF TILE BACKER BOARD.
- C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS TO NOT HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- F. LOCATE HINGE SIDE OF DOOR JAMB AT CMU WALLS 8" MINIMUM FROM ADJACENT WALL AND LOCATE HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) 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 RUNNING BOND UNLESS NOTED OTHERWISE.
- J. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS AND EXTENT OF FLOOR AND WALL FINISHES.
- K. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE BULLNOSED EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- L. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- M. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.
- N. FOR OVERALL BUILDING DIMENSIONS AND RELATIONSHIPS BETWEEN UNITS REFER TO SHEET A-401 AND A-402.

**PLAN LEGEND:**

- XX INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR AREAS AND DETAILS.
- WXX INDICATES WALL TYPES. REFER TO G-302 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

**PLAN NOTES:**

- 1 FULLY ADHERED SINGLE PLY ROOF MEMBRANE ON TAPERED INSULATION.
- 2 CASEWORK AND/OR MILLWORK (TYPICAL). SEE EQUIPMENT PLANS.
- 3 DASHED LINE INDICATES TYPICAL BULKHEAD. REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN)
- 4 PUSH PAD FOR ADA OPERATOR. SEE ELECTRICAL DRAWINGS.
- 5 CARDFOB READER. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- 6 AI DEVICE. REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- 7 FIRE ALARM CONTROL PANEL. REFER TO ELECTRICAL DRAWINGS.
- 8 FIRE ALARM ANNUNCIATOR PANEL. REFER TO ELECTRICAL DRAWINGS.
- 9 MOP SINK. REFER TO PLUMBING DRAWINGS.
- 10 SERVICE SINK. REFER TO PLUMBING DRAWINGS.
- 11 WALL SINK. REFER TO PLUMBING DRAWINGS.
- 12 ROOF HATCH AND LADDER.
- 13 MASONRY SCREEN WALL WITH PREFINISHED METAL PARAPET CAP AT MECHANICAL YARD AND DUMPSTER ENCLOSURE. SEE SHEET A107 FOR DETAILS. SEE CIVIL FOR DIMENSIONS.
- 14 CABINET HEATER. REFER TO MECHANICAL DRAWINGS.
- 15 ROOF CONDUCTOR. REFER TO PLUMBING DRAWINGS.
- 16 LINE OF CANOPY ABOVE. REFER TO SECTIONS.
- 17 ROOF DRAIN TIE INTO DOWNSPOUT.
- 18 6" PIPE BOLLARD. REFER TO CIVIL DRAWINGS.
- 19 DATE STONE AND TIME CAPSULE.
- 20 FIRE EXTINGUISHER AND WALL MOUNT BRACKET. REFER TO EQUIPMENT PLANS.
- 21 ALUMINUM SUNSHADE WITH 30" PROJECTION FULL WIDTH OF CURTAIN WALL.
- 22 ROOF BELOW. REFER TO ROOF PLAN.
- 23 FIRE EXTINGUISHER AND SEMI-RECESSED CABINET. REFER TO EQUIPMENT PLANS.
- 24 ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER. REFER TO PLUMBING DRAWINGS.
- 25 KNOX BOX COORDINATE LOCATION WITH LOCAL SERVICING FIRE DEPARTMENT.
- 26 PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSE KEEPING PAD UNDER ALL EQUIPMENT IN THIS ROOM. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
- 27 CONCRETE EQUIPMENT PAD. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.
- 28 OVERFLOW ROOF DRAIN TIE INTO DOWNSPOUT.
- 29 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.
- 30 HALF-HEIGHT WALL WITH HARDWOOD CAP.
- 31 PROVIDE HEAVY DUTY STIFFENERS WITHIN THE HALF HEIGHT WALL SPACE. SEE STRUCTURAL.
- 32 DISPLAY WALL / MONITOR (TYP). REFER TO EQUIPMENT DRAWINGS.
- 33 14'-0"W x 12'-0"H PREFINISHED INSULATED OVERHEAD COILING DOOR.
- 34 42" HIGH STAINLESS STEEL AND GLASS GUARDRAIL.
- 35 42" HIGH STAINLESS STEEL AND GLASS GUARDRAIL WITH 1 1/2" O.D. STAINLESS STEEL HANDRAIL.
- 36 1 1/2" O.D. STAINLESS STEEL HANDRAIL.
- 37 MECHANICAL SCREEN WALL. ALIGN CENTER LINE OF SCREEN WALL WITH CENTER LINE OF STEEL BEAM BELOW. SEE 16/A202.
- 38 3/4" FIRE TREATED PLYWOOD ON 6 3/4" METAL SLEEPERS.
- 39 NOT USED.
- 40 NOT USED.
- 41 NOT USED.
- 42 NOT USED.
- 43 SOLID SURFACE WINDOW STOOL.
- 44 NOT USED.
- 45 PREFINISHED METAL DOWNSPOUT. TIE INTO STORM SEWER. SEE CIVIL.
- 46 NOT USED.
- 47 SHELF AND ROD MOUNTED AT 4'-0" AFF. AND 6'-8" AFF. - SEE MANUAL OPERATION FOLDING WALL SYSTEM WITH POCKET DOORS.
- 48 CONCRETE FILLED METAL PAN STAIRS WITH INTEGRAL CERAMIC TILE.
- 49 1 1/4" I.D. STEEL PIPE GUARDRAIL.
- 50 1 1/4" I.D. STEEL PIPE HANDRAIL.



**1 A-410 1/4" = 1'-0"**

**2 A-410 1/4" = 1'-0"**

C:\Users\saucin\Documents\Crown Point Admin Bldg\_abuschkoetter.rvt 5/12/2022 4:34:34 PM



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

PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, 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  
DATE 04/15/22  
COORDINATED BY  
Designer  
DRAWN BY  
Author  
CHECKED BY  
Checker

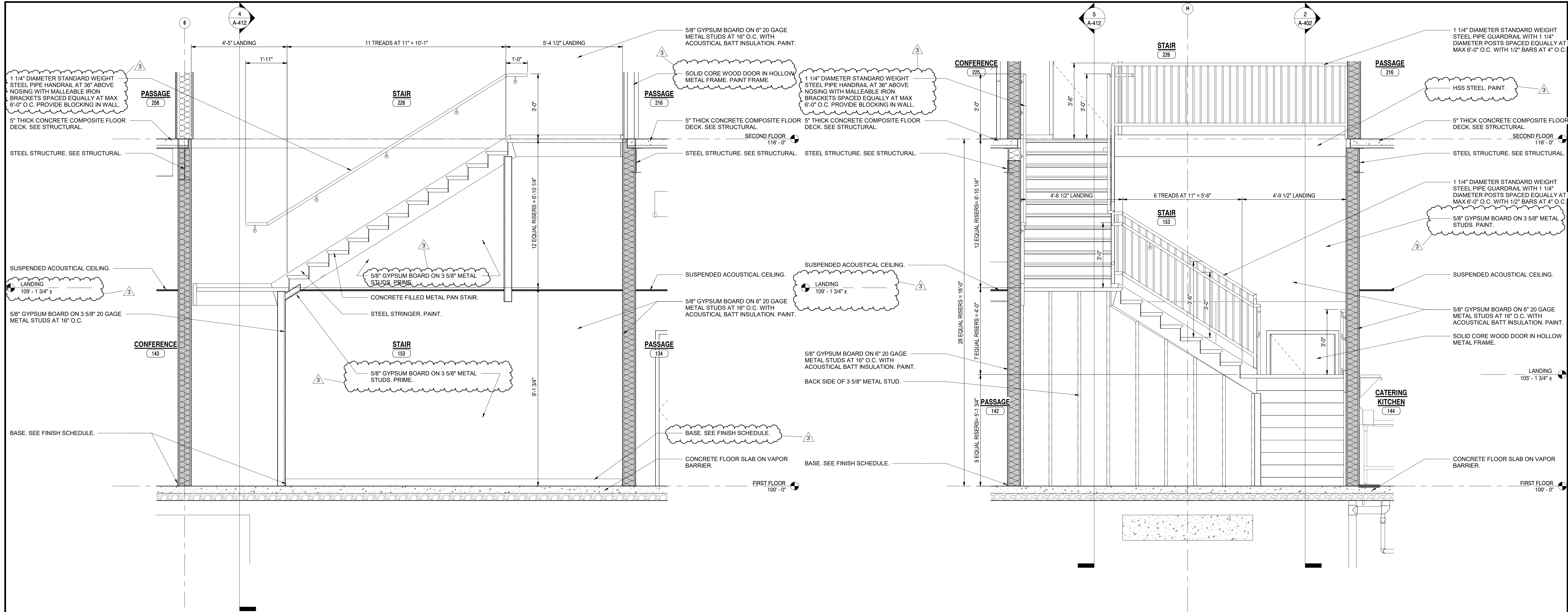
COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGN, NAME, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE CREATED FOR USE ON THE SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS	MARK	DATE	ISSUED FOR
3	05/12/2022	ADDENDUM NO. 3	

DRAWING  
**STAIR 153 AND 226 PLANS AND SECTIONS**

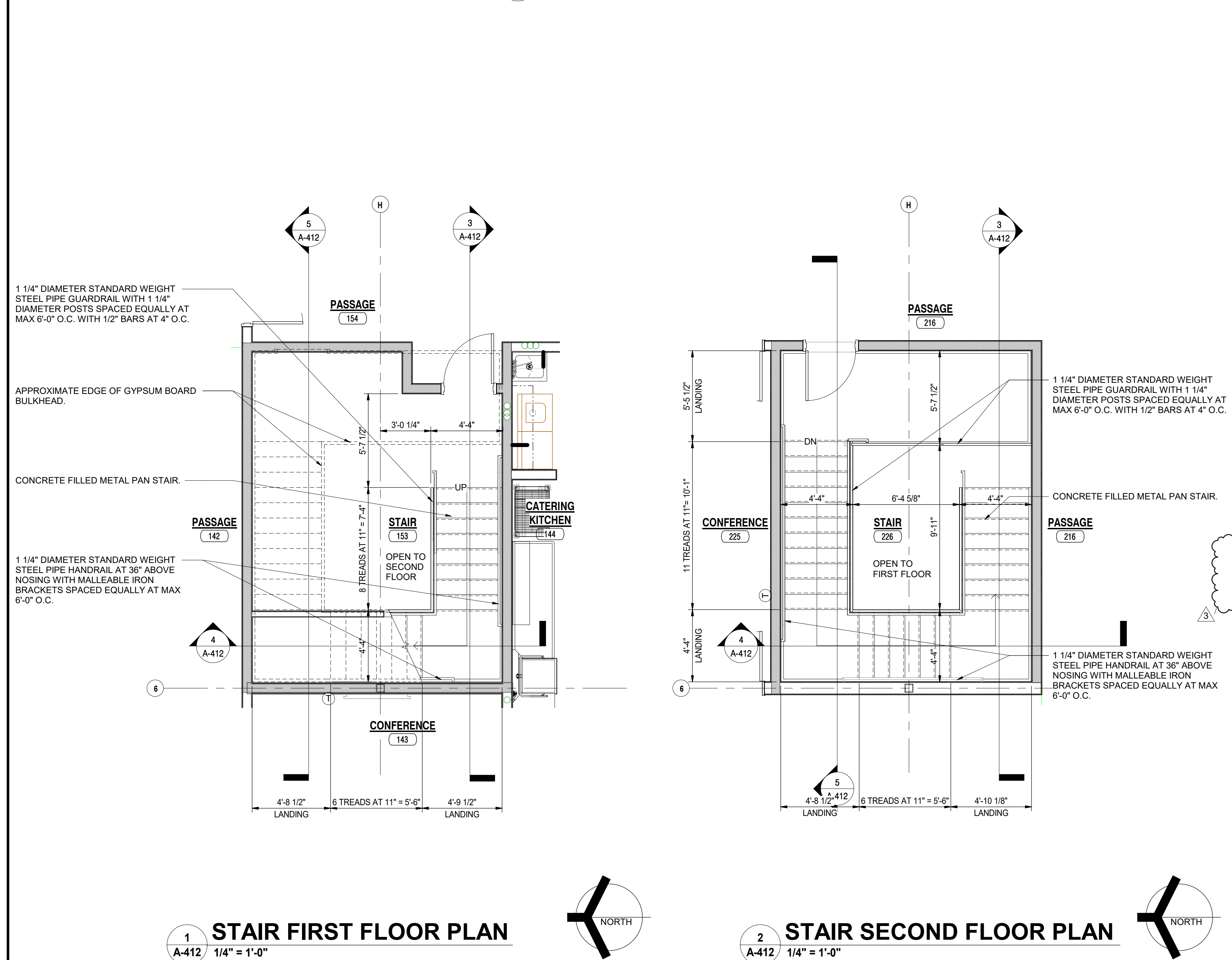
PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD A-412**



**5 STAIR SECTION**  
A-412 1/2" = 1'-0"

**4 STAIR SECTION**  
A-412 1/2" = 1'-0"



**1 STAIR FIRST FLOOR PLAN**  
A-412 1/4" = 1'-0"

**2 STAIR SECOND FLOOR PLAN**  
A-412 1/4" = 1'-0"

**3 STAIR SECTION**  
A-412 1/2" = 1'-0"

C:\Users\sausin\Documents\Crown Point Admin Bldg\_abuschkoetter.rvt

5/12/2022 4:34:41 PM



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

PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, 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  
DATE: 04/15/22  
COORDINATED BY: GWT  
DRAWN BY: JMG  
CHECKED BY: GWT

COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGN, FRAME, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY NOT BE HELD LIABLE FOR INFORMATION AND PERFORMANCE CONNECTION ONLY WITH THIS PROJECT.

REVISIONS  
MARK DATE ISSUED FOR  
1AD-D 04/28/2022 ADDENDUM NO. 1  
3 05/12/2022 ADDENDUM NO. 3

DRAWING: DOOR SCHEDULE

PROJECT: NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD A-601**

**DOOR AND FRAME SCHEDULE - FIRST FLOOR**

NO	DESCRIPTION	TYPE	WIDTH	HEIGHT	MATERIAL	GLASS			FRAME				HARDWARE			NOTES	
						DOOR	SIDELIGHT	TRANSOM	MATERIAL	WIDTH	JAMB	HEAD	SILL	ELEVATION	LABEL		EXIT DEVICE
101A	DOUBLE	3	6'-0"	8'-0"	AL	C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF1	--	YES	--
101B	DOUBLE	3	6'-0"	8'-0"	AL	C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF1	--	YES	2, 3, 8
101C	DOUBLE	3	6'-0"	8'-0"	AL	E	E	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF1	--	YES	--
101D	DOUBLE	3	6'-0"	8'-0"	AL	E	E	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF1	--	YES	2, 3, 8
102A	SINGLE	3	3'-0"	7'-0"	AL	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF3	--	--	2
105A	DOUBLE	1	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	1
105B	DOUBLE	1	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	1
105C	DOUBLE	1	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	1
105A	DOUBLE	8	6'-0"	8'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--
106B	DOUBLE	8	6'-0"	8'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--
107A	DOUBLE	8	6'-0"	8'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--
107B	DOUBLE	8	6'-0"	8'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--
108A	DOUBLE	8	6'-0"	8'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--
108B	DOUBLE	8	6'-0"	8'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--
108C	SINGLE	2	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	HM1	--	--	1
108D	SINGLE	2	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	HM1	--	--	1
109A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
110A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
111A	DOUBLE	3	6'-0"	7'-2"	AL	C	--	--	AL	6"	J1	H1	--	SF2	--	YES	2
112A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
113A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
117A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
120A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
121A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	--	--
121B	DOUBLE	2	6'-0"	7'-0"	WD	E	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	--
123A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	--	--
124A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	--	--
125A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	--	--
126A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	--	--
127A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	--	--
128A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	--	--
133A	DOUBLE	1	6'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF11	--	--	--
134A	DOUBLE	2	6'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	HM2	--	--	2
136A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	2
138A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
139A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
140A	SINGLE	2	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	--	--
141A	DOUBLE	8	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	180 DEGREE SWING
142A	DOUBLE	2	6'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	HM2	--	YES	2
143A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	--	--
143B	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	--	--
144A	DOUBLE	2	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	1
144B	DOUBLE	2	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	1
147A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	--	--
148A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	--	--
148B	SINGLE	2	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	HM1	--	--	2
149A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
150A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
151A	SINGLE	2	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	HM1	--	--	--
152A	SINGLE	2	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	HM1	--	--	--
153A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--
154A	DOUBLE	2	6'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	HM2	--	YES	--
158A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	--	--
159A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF6	--	--	--
160A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF9	--	--	1
162A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF6	--	--	--
163A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	--	--
163B	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	--	--
164A	SINGLE	2	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF10	--	--	--
165A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
166A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	0"	J1	H1	--	SF10	--	--	--
167A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	--	--
168A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF6	--	--	1
170A	DOUBLE	3	6'-0"	7'-2"	AL	C	--	--	AL	6"	J1	H1	--	SF2	--	YES	2, 3
170B	DOUBLE	3	6'-0"	7'-0"	AL	C	--	--	AL	4 1/2"	J1	H1	--	SF2	--	--	3
171A	DOUBLE	1	6'-0"	7'-0"	IM	--	--	--	IM	1'-0 3/4"	J1 4/A-603	H1 5/A-603	--	HM2	--	--	1
171B	DOUBLE	2	6'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	1
171C	DOUBLE	2	6'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	1
171D	DOUBLE	1	6'-0"	7'-0"	WD	A	--	--	IM	1'-0 3/4"	J1 4/A-603	H1 5/A-603	--	HM2	--	--	1
171E	COILING	8	14'-0"	12'-0"	STL	--	--	--	STL	5/A602	7/A602	--	D	--	--	--	
172A	DOUBLE	1	6'-0"	7'-0"	IM	--	--	--	IM	1'-0 3/4"	J1 4/A-603	H1 5/A-603	--	HM2	--	--	1
172B	DOUBLE	1	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	--	1
173A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--
175A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	HM1	--	--	--
176A	SINGLE	2	3'-0"	7'-0"	WD	A	A	A	AL	8 3/8"	J1	H1	--	HM1	--	--	1

**DOOR AND FRAME SCHEDULE - SECOND FLOOR**

NO	DESCRIPTION	TYPE	WIDTH	HEIGHT	MATERIAL	GLASS			FRAME				HARDWARE			NOTES	
						DOOR	SIDELIGHT	TRANSOM	MATERIAL	WIDTH	JAMB	HEAD	SILL	ELEVATION	LABEL		EXIT DEVICE
202A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	--	--
203A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	--	1
203B	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	--	1
204A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	--	--
205A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	--	--
206A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	--	--
207A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
208A	SINGLE	1	3'-0"	7'-0"	STL	--	--	--	HM	10 7/8"	J1	H1	--	HM1	--	--	SAFE DOOR, RATED DOOR, RETENTION GRADE DOOR
209A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	--	1
210A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	--	1
211A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	--	--
212A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	--	--
213A	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	--	--
213B	SINGLE	4	3'-0"	7'-0"	WD	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE E				





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

PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GENERAL EQUIPMENT PLAN NOTES:**

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

**EQUIPMENT PLAN LEGEND:**

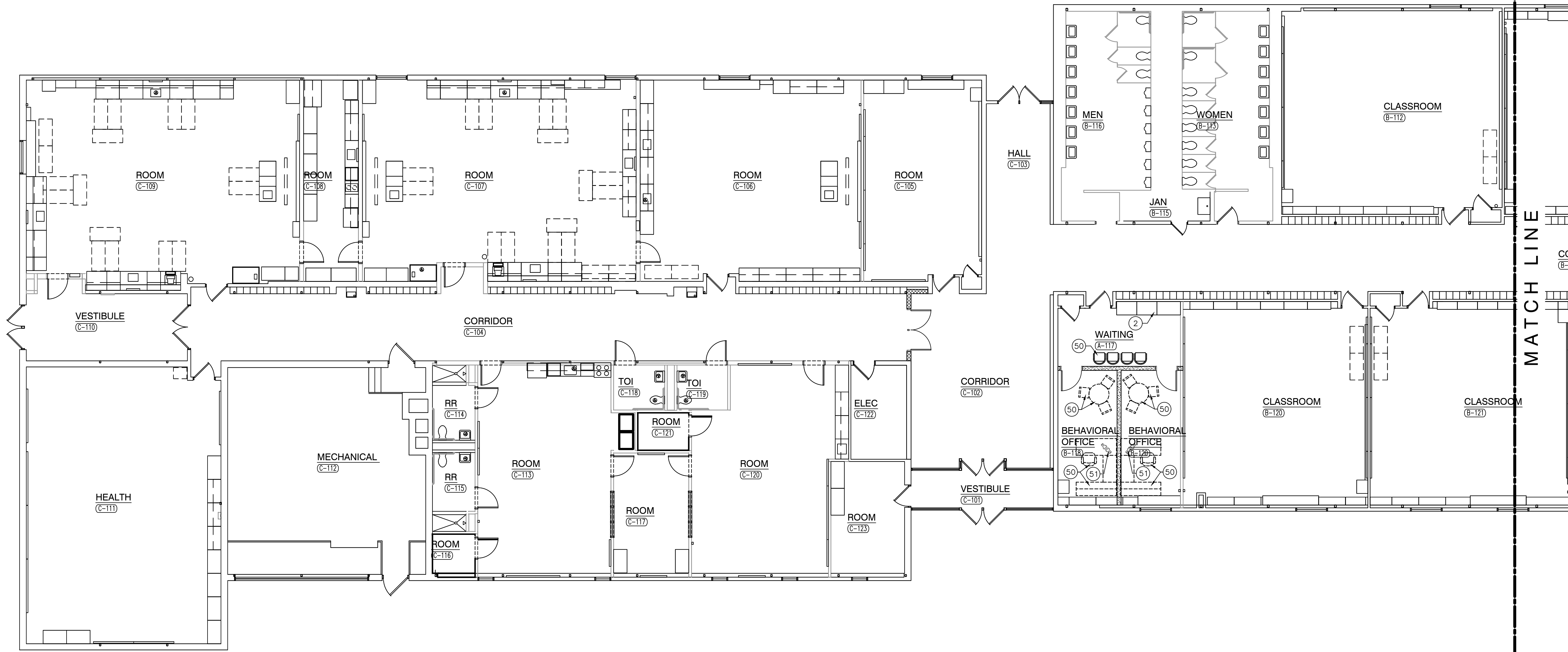
- INDICATES CASEWORK ELEVATION SYMBOL - REFER TO A-800 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT).
- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN ONSTRUCTION CONTRACTS).

**EQUIPMENT PLAN NOTES:**

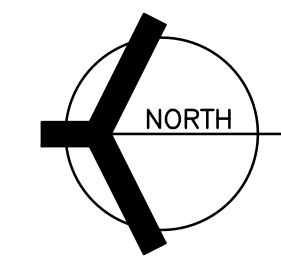
- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)
- ① CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER).
  - ② EXISTING FIXTURES/CASEWORK TO REMAIN.

**OWNER FURNISHED EQUIPMENT PLAN NOTES:**

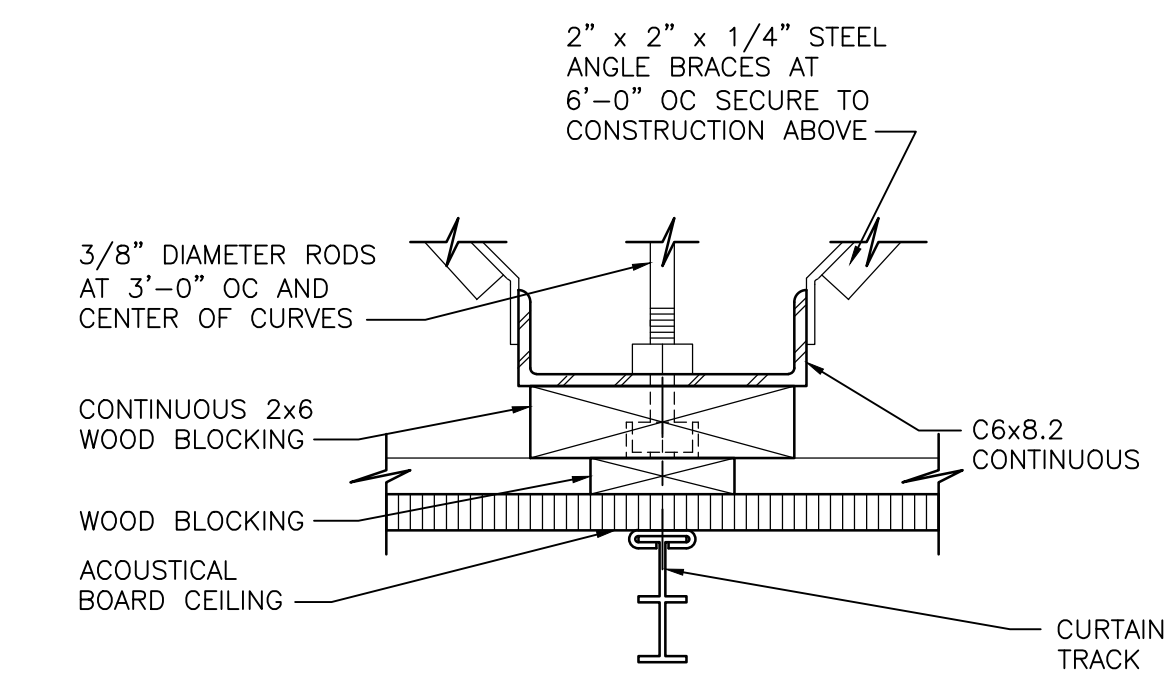
- ⑤0 LOOSE FURNITURE, BY OWNER, INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
- ⑤1 COMPUTER/MONITOR, BY OWNER
- ⑤2 PRINTER/COPIER, BY OWNER
- ⑤3 REFRIGERATOR WITH ICE MAKER, BY OWNER
- ⑤4 RANGE WITH HOOD, BY OWNER (PROVIDE 30" WIDE OPENING).
- ⑤5 CLINIC COTS, BY OWNER
- ⑤6 MICROWAVE, BY OWNER



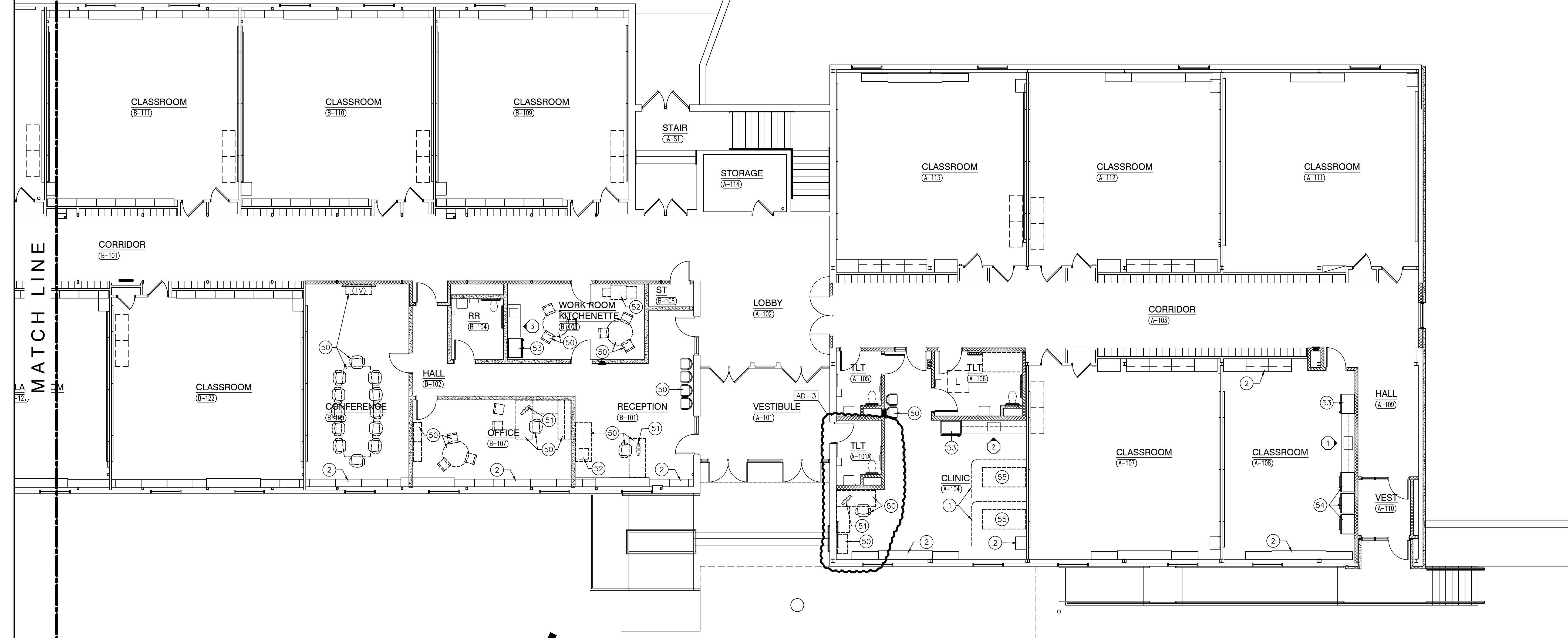
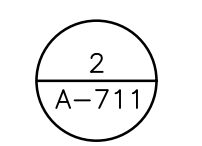
**MAIN LEVEL EQUIPMENT PLAN NORTH**  
SCALE: 1/8" = 1'-0"



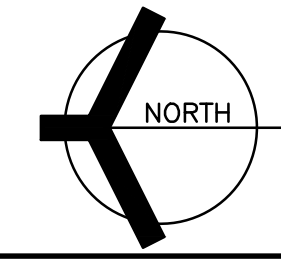
MATCH LINE



**CUBICAL TRACK DETAIL**  
SCALE: 3" = 1'-0"



**MAIN LEVEL EQUIPMENT PLAN SOUTH**  
SCALE: 1/8" = 1'-0"

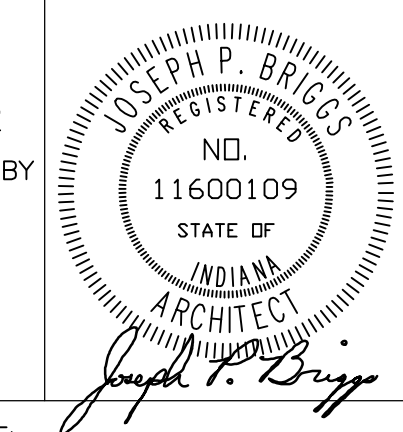


MATCH LINE

**GIBALTAR DESIGN**

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

PROJECT: 21-115  
DATE: 04/15/22  
COORDINATED BY: EJM  
DRAWN BY: EKM  
CHECKED BY: NAS



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS	MARK	DATE	ISSUED FOR
AD-3	05/12/22	ADDENDUM 03	

DRAWING  
**MAIN LEVEL EQUIPMENT PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBALTAR DESIGN SHEET  
**AR A-711**

Thursday, 5/12/2022 1:58 PM - LAST SAVED BY: EJM  
Y:\21-115 CROWN POINT SSC - NEW ADMIN CENTER, ALTERNATIVE SCHOOL, AND RELATED WORK\21-115 DRAWINGS - ALTERNATIVE ED UG ARCH\A-711.DWG



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

PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GENERAL NOTES**

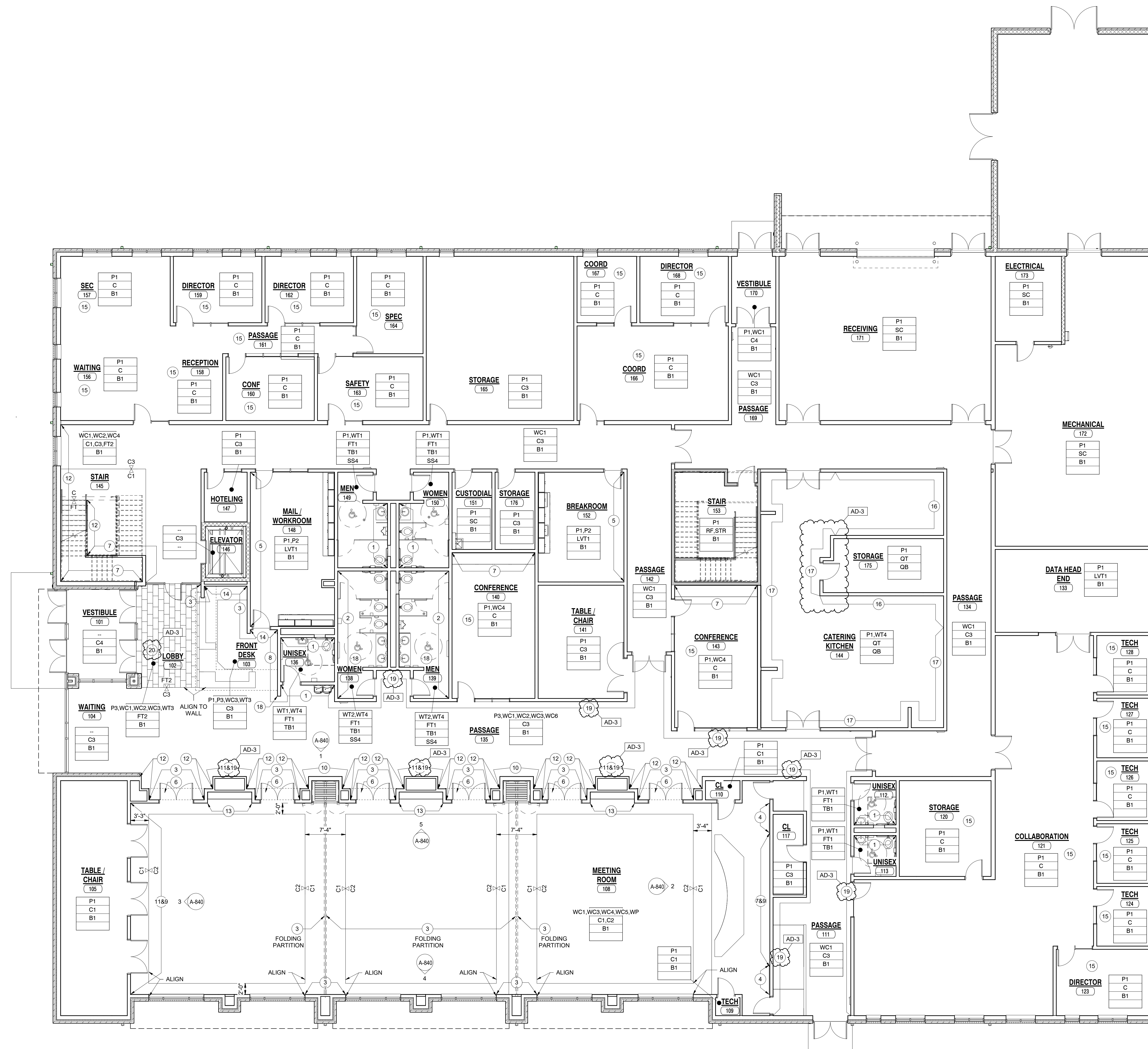
- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
- C. PRIOR TO INSTALLATION OF NEW FINISHES, CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE, THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- E. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.
- F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIALS, INCLUDING NOTATION OF MATERIAL DIRECTION.
- G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.
- H. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC. THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- I. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS. WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.
- J. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 803.
- K. \*AD\* ADMINISTRATION CENTER: PAINT ALL HOLLOW METAL DOOR FRAMES P4.

**FINISH SYMBOL LEGEND**

- P1 — WALL FINISH
- C1 — FLOOR FINISH
- B1 — BASE FINISH
- — MISC FINISH INFORMATION

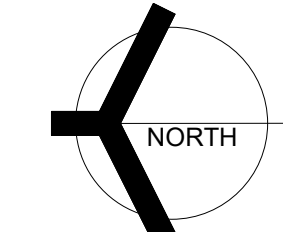
**PLAN NOTES**

- 1 WALL TILE, WT1
- 2 WALL TILE, WT2
- 3 WALLCOVERING, WC3
- 4 WALL PANEL, WP, PAINTED P1
- 5 PAINT, P2
- 6 BULKHEAD TO BE PAINTED P3
- 7 WALLCOVERING, WC4
- 8 WALL TILE, WT3
- 9 WALLCOVERING, WC5
- 10 WALLCOVERING, WC6
- 11 WALLCOVERING, WC1
- 12 WALLCOVERING, WC2
- 13 FINISHED WOOD TRIM AROUND COAT RACK OPENING
- 14 PAINT, P3
- 15 TARKETT, CARPET, C3
- 16 MANNINGTON, CARPET, C2
- 17 PAINT, P1
- 18 WALL TILE, WT4
- 19 SCHLUTER TRIM AT ALL OUTSIDE CORNERS
- 20 CHAIR RAIL, 1"x4" WITH TWO 1"x1" WOOD TRIM SLATS BELOW, MITERED CORNERS, FINISHED.
- 21 BASE BID; FT2
- 22 ALTERNATE BID; TZ



ENTIRE SHEET SHALL BE SUBMITTED IN THIS ADDENDUM

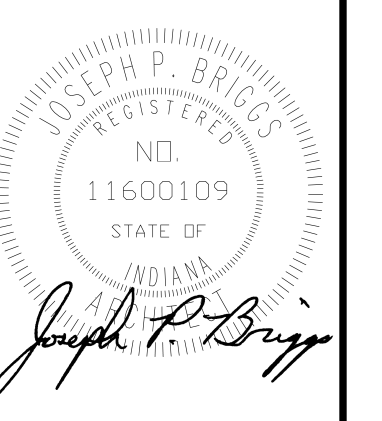
**1 FIRST FLOOR FINISH PLAN**  
1/8" = 1'-0"



**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  
21-115  
DATE  
4/15/22  
COORDINATED BY  
JKF  
DRAWN BY  
EKM  
CHECKED BY  
NAS



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE RESERVED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-2	05/05/2022	ADDENDUM 02
AD-3	05/12/2022	ADDENDUM 03

DRAWING  
**FIRST FLOOR FINISH PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD A-801**

5/12/2022 5:29:56 PM Y:\21-115\Crown Point\CSC - New Admin Center, Alternative School, and Related Work\21-115 Drawings - New Admin Center, Alternative School, and Related Work\21-115\_Crown Point CSC\_NEW\_ADMIN\_ARCH.rvt



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

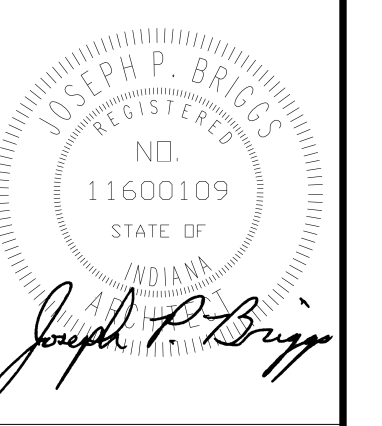
PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

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 21-115  
DATE 4/15/22  
COORDINATED BY JKJ  
DRAWN BY EKM  
CHECKED BY NAS



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, DRAWING, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR USED FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	05/05/2022	ADDENDUM 02
AD-3	05/12/2022	ADDENDUM 03

DRAWING INTERIOR ELEVATIONS

PROJECT NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD A-840**

**INTERIOR ELEVATION GENERAL NOTES:**

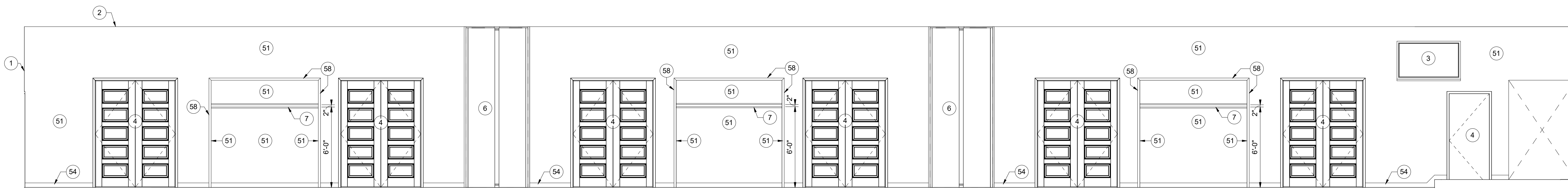
- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE TO CONTRACTOR SHALL TAKE TO NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- E. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC. THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- F. THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 903.

**INTERIOR ELEVATION NOTES:**

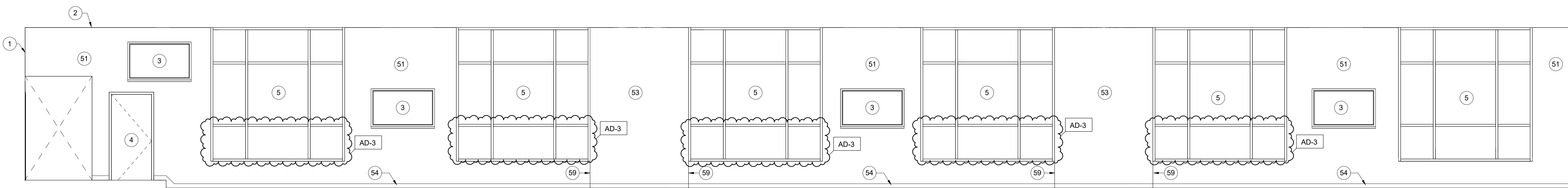
- 1 WALL LINE
- 2 CEILING LINE
- 3 TV MONITOR
- 4 DOOR
- 5 TRANSLUCENT WALL PANEL
- 6 FOLDABLE PARTITION WITH WALLCOVERING, WC3
- 7 COAT ROD AND WOOD VENEER SHELF WITH HARDWOOD EDGE, FINISHED.

**INTERIOR ELEVATION FINISH NOTES:**

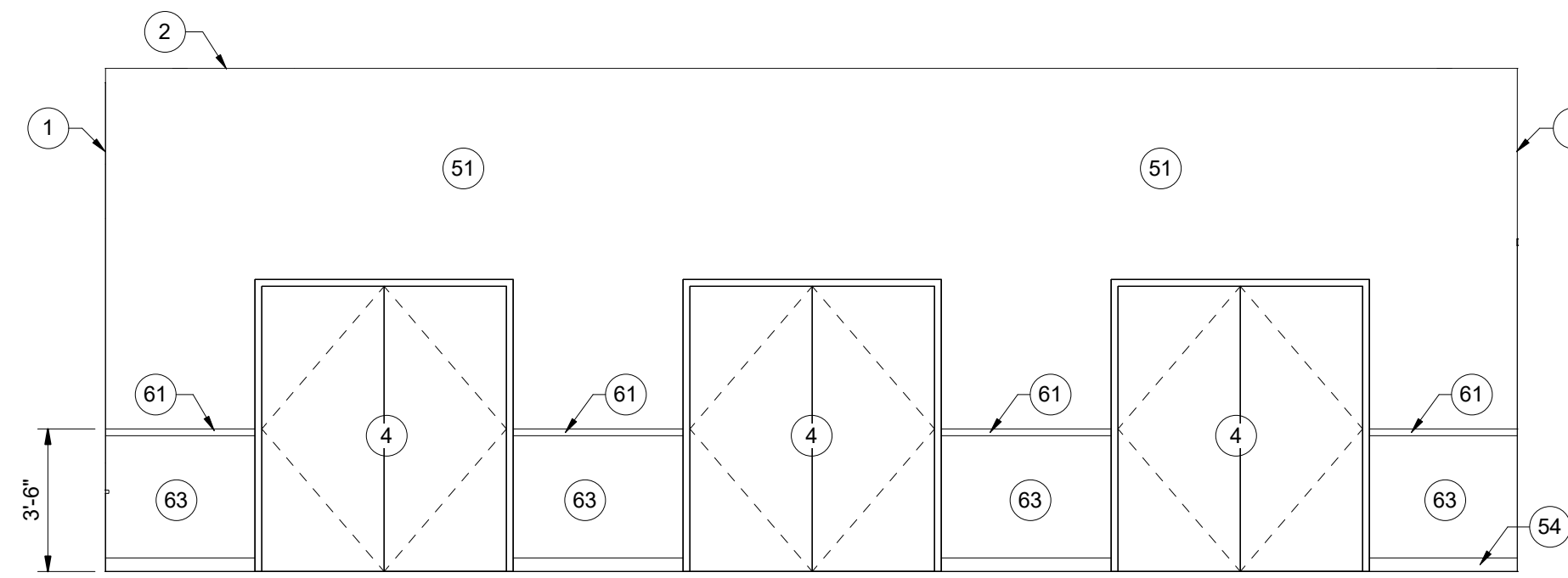
- 50 PAINT, P3
- 51 WALLCOVERING, WC1
- 52 WALLCOVERING, WC6
- 53 WALLCOVERING, WC3
- 54 WALL BASE, B1
- 55 WALLCOVERING, WC2
- 56 CHAIR RAIL, 1"x4" WITH TWO 1"x1" WOOD TRIM SLATS BELOW, MITERED CORNERS, FINISHED
- 57 TEXTURED WALL PANEL, WP
- 58 WOOD TRIM CORNER, 1"x4" HARDWOOD TRIM WITH 1"x2" HARDWOOD TRIM, FINISHED.
- 59 V-JOINT AT WALLCOVERING TRANSITION
- 60 PRESENTATION RAIL, HARDWOOD FINISHED, REFERENCE 0/A-840
- 61 CHAIR RAIL, 1"x4" HARDWOOD FINISHED
- 62 1"x2" (ACTUAL) FINISHED VERTICAL WOOD TRIM ANCHORED WITH METAL ANGLE BRACKET HIDDEN BEHIND WALL PANEL
- 63 WALLCOVERING, WC5
- 64 WALLCOVERING, WC4



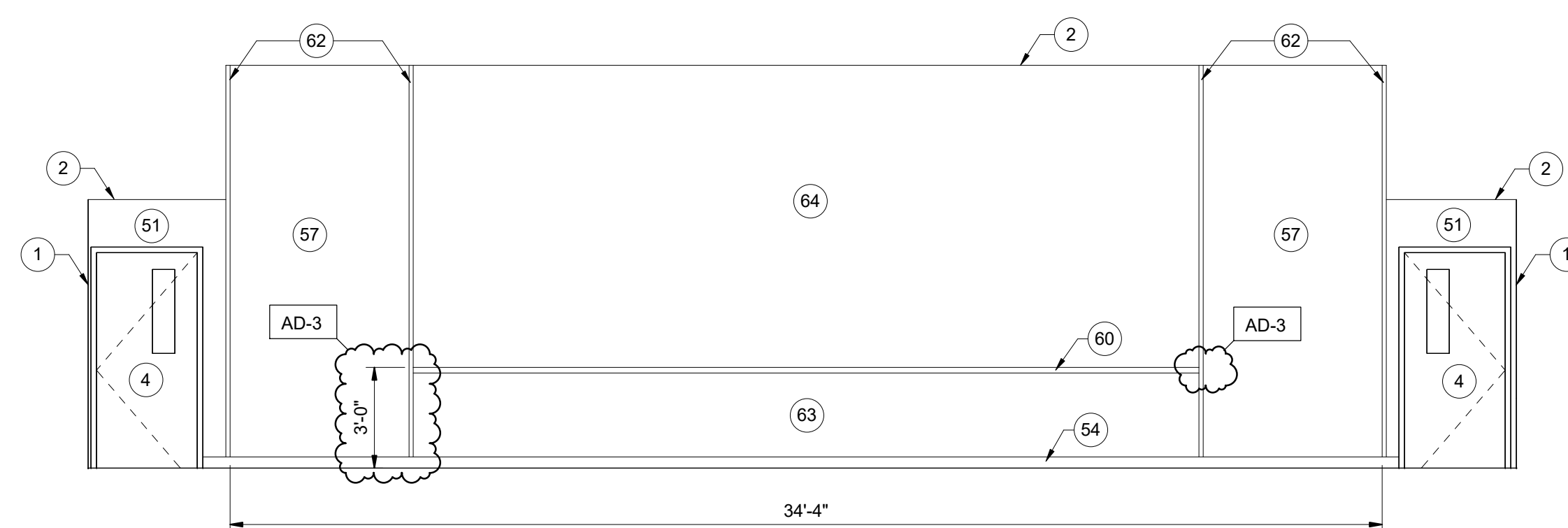
**5 MEETING ROOM EAST ELEVATION**  
A-840 1/4" = 1'-0"



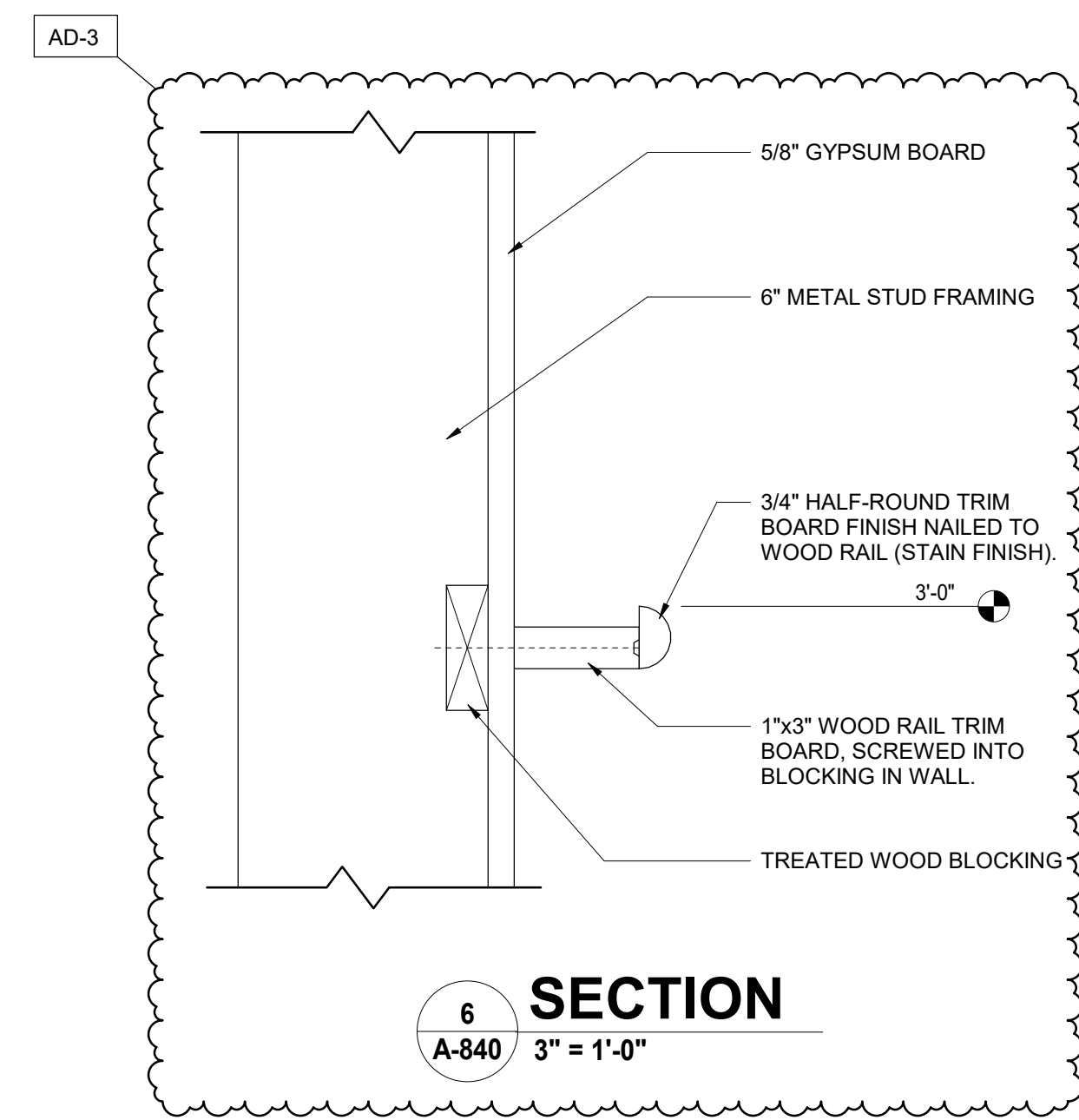
**4 MEETING ROOM WEST ELEVATION**  
A-840 1/4" = 1'-0"



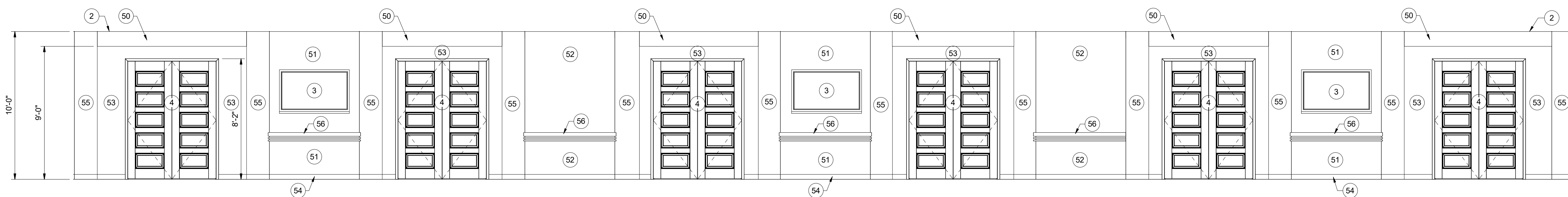
**3 MEETING ROOM NORTH ELEVATION**  
A-840 1/4" = 1'-0"



**2 MEETING ROOM SOUTH ELEVATION**  
A-840 1/4" = 1'-0"



**6 SECTION**  
A-840 3" = 1'-0"



**1 PASSAGE 135 WEST ELEVATION**  
A-840 1/4" = 1'-0"

ENTIRE SHEET SHALL BE SUBMITTED IN THIS ADDENDUM



**GIBALTAR**  
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, AND  
RELATED WORK**

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

First Floor Room Legend	
Number	Name

FIRST FLOOR	
101	VESTIBULE
102	LOBBY
103	FRONT DESK
104	WAITING
105	TABLE / CHAIR
106	MEETING ROOM
107	MEETING ROOM
108	MEETING ROOM
111	PASSAGE
112	UNISEX
113	UNISEX
117	CL
120	STORAGE
121	COLLABORATION
123	DIRECTOR
124	TECH
125	TECH
126	TECH
127	TECH
128	TECH
133	DATA HEAD END
134	PASSAGE
135	PASSAGE
136	UNISEX
138	WOMEN
139	MEN
140	CONFERENCE
141	TABLE / CHAIR
142	PASSAGE
143	CONFERENCE
144	CATERING KITCHEN
145	STAIR
146	ELEVATOR
147	HOTELING
148	MAIL / WORKROOM
149	MEN
150	WOMEN
151	CUSTODIAL
152	BREAKROOM
153	STAIR
154	PASSAGE
155	PASSAGE
156	WAITING
157	SEC
158	RECEPTION
159	DIRECTOR
160	CONF
161	PASSAGE
162	DIRECTOR
163	SAFETY
164	SPEC
165	STORAGE
166	COORD
167	COORD
168	DIRECTOR
169	PASSAGE
170	VESTIBULE
171	RECEIVING
172	MECHANICAL
173	ELECTRICAL
175	STORAGE
176	STORAGE

**GENERAL NOTES**

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO SHEET G-301.
- B. THE ARCHITECTURAL REFLECTED CEILING PLANS GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.
- C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.
- D. REFER TO FLOOR PLANS FOR WALL TYPES.
- E. REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE INTENTIONALLY BEEN OMITTED FOR CLARITY.
- F. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHETHER OR NOT INDICATED ON THE DRAWINGS. VERIFY FINAL LOCATIONS WITH ARCHITECT PRIOR TO STARTING WORK.
- G. REFER TO ELECTRICAL DRAWINGS FOR LIGHT FIXTURE TYPE AND QUANTITIES.
- H. REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES. ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.
- I. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

**CEILING LEGEND**

- ACT-1 LIGHT FIXTURE
- ACT-2 SUPPLY AIR DIFFUSER
- ACT-3 RETURN OR EXHAUST REGISTER
- EXHAUST REGISTER
- SOLID ACOUSTICAL DIFFUSER
- PYRAMID ACOUSTICAL DIFFUSER
- GYPSON BOARD CEILING OR BULKHEAD. REFER TO TYPICAL BULKHEAD DETAILS (-/-) AND WALL SECTIONS.
- EFS CEILING (INTERIOR) OR EFS SOFFIT (EXTERIOR) ON 5/8" GYPSON SHEATHING AND METAL STUD FRAMING. REFER TO WALL SECTION FOR INSULATION THICKNESS AT EFS.

**REFLECTED CEILING PLAN NOTES:**

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)
- 1 OPEN TO STRUCTURE ABOVE - NO CEILING REQUIRED.
- 2 2" WIDE LINEAR SOFFIT VENT, LENGTH AS INDICATED.
- 3 SOFFIT "V" JOINT.
- 4 PROJECTION SCREEN, REFER TO EQUIPMENT AND TECHNOLOGY DRAWINGS.
- 5 4"x4" STAINLESS STEEL CLOSURE TRIM BETWEEN FACE OF COOLER AND CEILING GRID.
- 6 INSTALL CEILING GRID "T" ADJACENT TO WALL ANGLE AND OMIT TILE ALONG THIS WALL.
- 7 INSTALL CEILING GRID WITH A FULL TILE ALONG THIS WALL.
- 8 VENTED, PREFINISHED METAL SOFFIT.
- 9 GYPSON BOARD BULKHEAD.
- 10 CONCRETE CEILING.
- 11 TRACK FOR OPERABLE FOLDING WALL SYSTEM.
- 12 ROOF HATCH.
- 13 PREFINISHED METAL GUTTER.
- 14 EFS SOFFIT.
- 15 1" REVEAL.

**GENERAL REFLECTED CEILING FINISH NOTES:**

- A. UNLESS NOTED OTHERWISE, GYPSON BOARD AND/OR PLASTER CEILINGS AND BULKHEADS TO BE PAINTED P8.
- B. UNLESS NOTED OTHERWISE, GYPSON BOARD AND/OR PLASTER CEILINGS AND BULKHEADS TO BE PAINTED P5.
- C. UNLESS NOTED OTHERWISE, ALL EXPOSED STRUCTURE, DECK, MECHANICAL, AND ELECTRICAL TO BE PAINTED P11.

**REFLECTED CEILING FINISH NOTES:**

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)
- 1 PAINT WINDOW RECESS P5 ON ALL EXPOSED SIDES.
- 2 PAINT BULKHEAD P2 ON ALL EXPOSED SIDES.
- 3 PAINT BULKHEAD P5 ON ALL EXPOSED SIDES.
- 4 PAINT BULKHEAD P11 ON ALL EXPOSED SIDES.
- 5 PAINT BULKHEAD P4 ON ALL EXPOSED SIDES.
- 6 PAINT BULKHEAD P1 ON ALL EXPOSED SIDES.
- 7 PAINT BULKHEAD P3 ON ALL EXPOSED SIDES.
- 8 PAINT BULKHEAD P4 ON ALL EXPOSED SIDES EXCEPT VERTICAL FACE INSIDE OF RECESS PAINT P11.
- 9 BULKHEAD TO BE WRAPPED IN SAME WALL COVERING NOTED FOR WALLS. REFER TO FINISH PLANS AND INTERIOR ELEVATIONS.

**GIBALTAR DESIGN**

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

PROJECT

DATE

04/15/22

COORDINATED BY

GWT

DRAWN BY

JMG

CHECKED BY

GWT

**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND ARE SPECIFICALLY FOR USE ON THIS PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

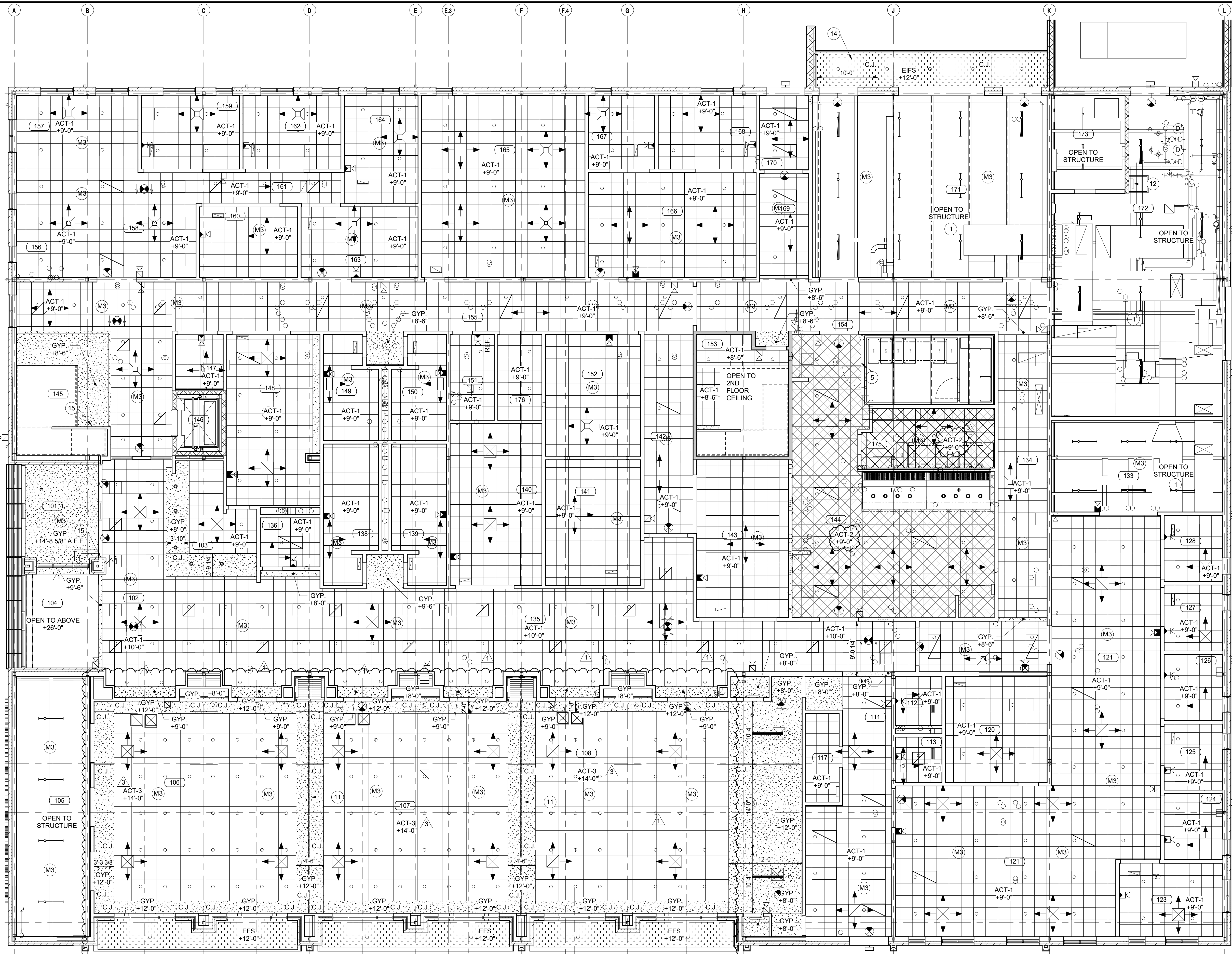
REVISIONS

MARK	DATE	ISSUED FOR
1AD-6	04/28/2022	ADDENDUM NO. 1
3	05/12/2022	ADDENDUM NO. 3

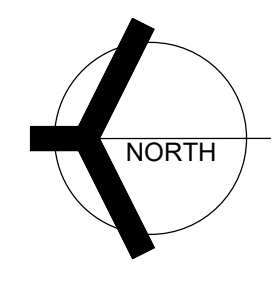
DRAWING  
**FIRST FLOOR REFLECTED  
CEILING PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE  
EDUCATION & RESOURCE CENTER, AND  
RELATED WORK

GIBALTAR DESIGN SHEET  
**AD A-901**



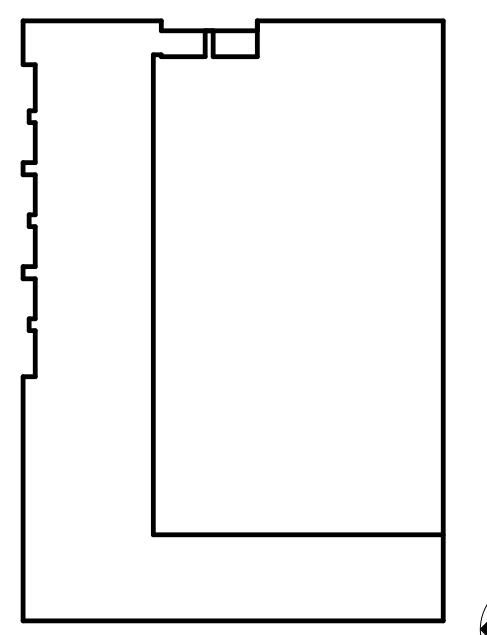
**FIRST FLOOR REFLECTED CEILING  
PLAN**  
1  
A-901 1/8" = 1'-0"





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

PROJECT:  
**NEW ADMIN. CENTER**  
CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

**GIBRALTAR DESIGN**

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

PROJECT: 21-107  
DATE: 04/15/22  
COORDINATED BY: SR  
DRAWN BY: JN  
CHECKED BY: DK

**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE SUBJECT TO OUR USE IN THE SERVICE PROCESS. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD02	05.05.2022	Addendum #02
AD03	05.12.2022	Addendum #03

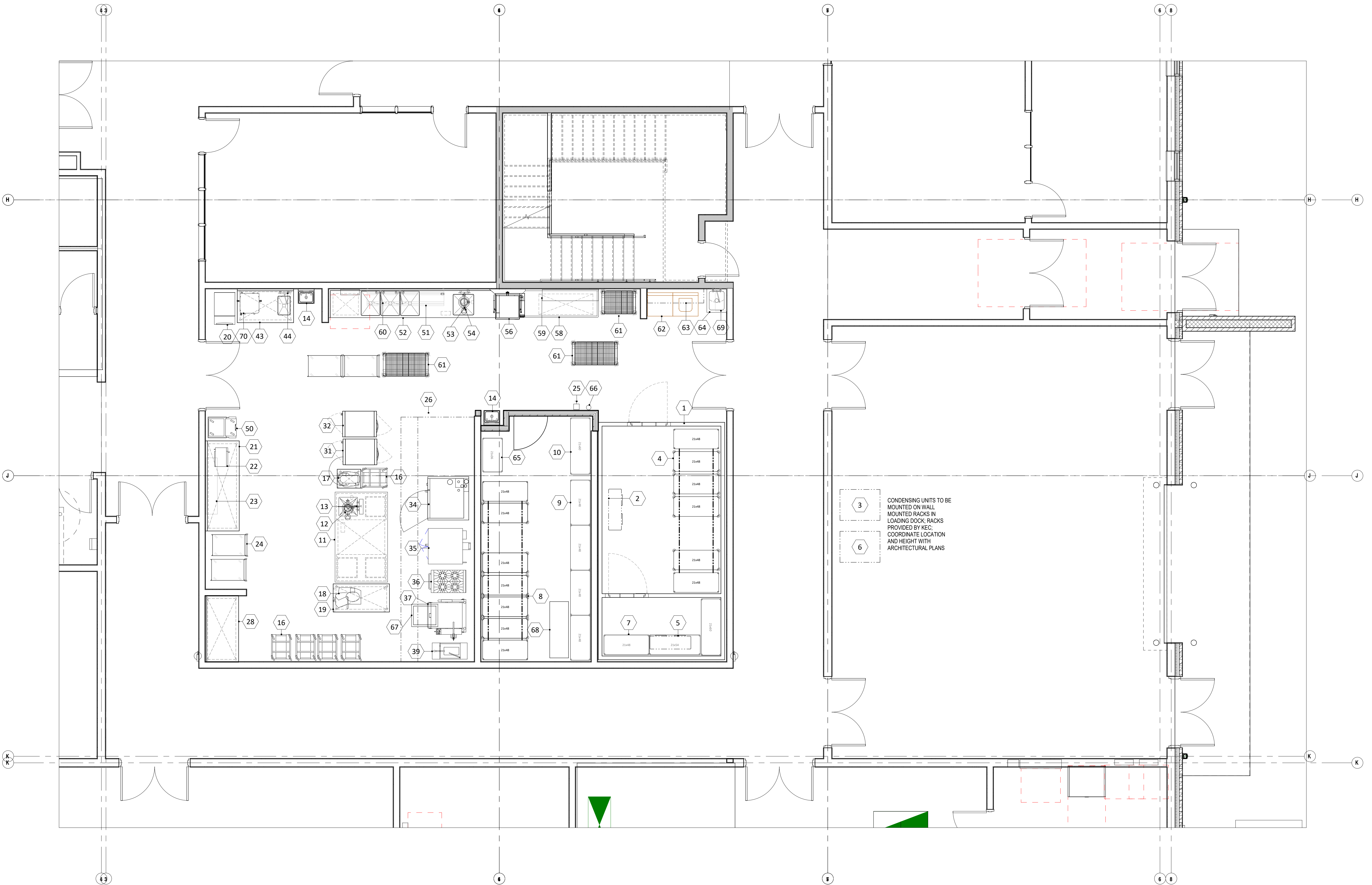
DRAWING  
FOODSERVICE LAYOUT

PROJECT  
NEW ADMIN. CENTER

© GIBRALTAR DESIGN SHEET  
**K-101**

FOODSERVICE EQUIPMENT SCHEDULE				
ITEM #	QTY	DESCRIPTION	MANUFACTURER	MODEL
1	1	WALK-IN COOLER/FREEZER	KOLPAK	CUSTOM
2	1	COOLER BLOWER COIL	PART OF ITEM #1	
3	1	COOLER CONDENSING UNIT	PART OF ITEM #1	
4	1	HI-DENSITY TOP TRACK COOLER SHELVING	INTERMETRO	METROMAX Q
5	1	FREEZER BLOWER COIL	PART OF ITEM #1	
6	1	FREEZER CONDENSING UNIT	PART OF ITEM #1	
7	3	FREEZER SHELVING UNIT	INTERMETRO	METROMAX Q
8	1	HI-DENSITY TOP TRACK DRY STORAGE SHELVING	INTERMETRO	METROMAX Q
9	4	DRY STORAGE SHELVING UNIT	INTERMETRO	METROMAX Q
10	1	LINEN STORAGE SHELVING	TARRISON	AC2460-12C
11	1	ISLAND WORKTABLE W/PREP SINK	ST. STL.	CUSTOM
12	1	Disposer, Garbage	In-Sink-Erator	SS-200-7
13	1	SPLASH MOUNT FAUCET	T&S BRASS	MPI-8WL-12-CR
14	2	WALL MOUNT HAND SINK	JOHN BOOS	PBHS-W-1410-SSLR
16	5	BUN PAN RACK	CHANNEL	401A
17	1	20-qt Mixer	Hobart	HL200-1STD
18	1	Slicer	Hobart	H58-1
19	1	MOBILE WORK TABLE	CUSTOM	ST. STL.
20	1	Ice Maker w/ Bin	Manitowoc Ice	IYT0420A/D-320
21	1	WORKTABLE	CUSTOM	ST. STL.
22	1	COMMERCIAL MICROWAVE OVEN	PANASONIC	NE-1064F
23	1	WALL SHELF	CUSTOM	ST. STL.
24	4	Utility Cart	Lakeside Manufacturing	744
25	1	ANSUL PULL STATION	PART OF ITEM #26	
26	1	EXHAUST HOOD	ALLIED AIR	CUSTOM
28	1	DESK	BY ARCHITECT	NOT IN KEC CONTRACT

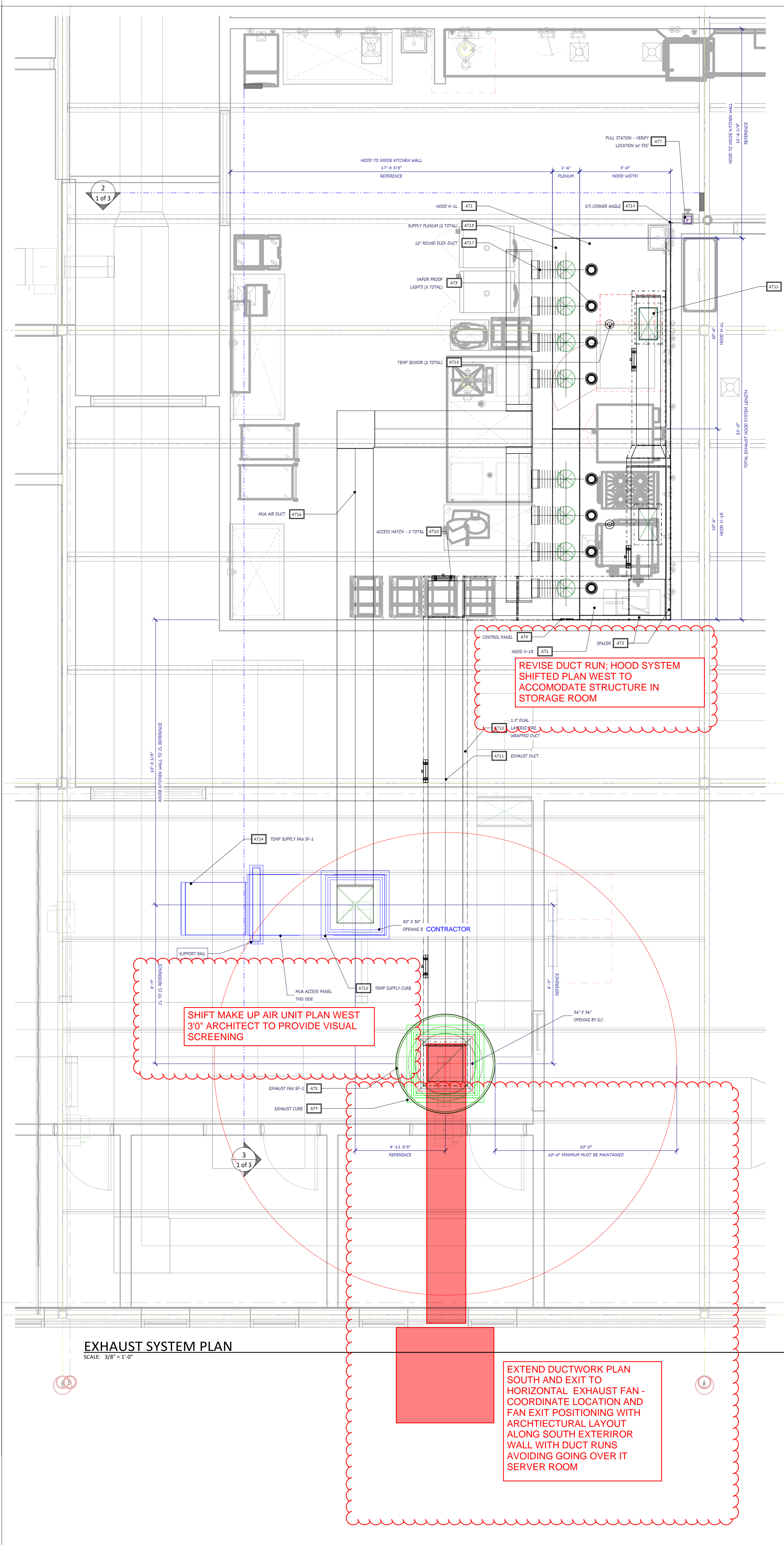
FOODSERVICE EQUIPMENT SCHEDULE Copy 1				
ITEM #	QTY	DESCRIPTION	MANUFACTURER	MODEL
31	1	SINGLE DOOR PASS-THRU REFRIGERATOR	TRAUlsen	AHT132WP-UT-FHG
32	1	SINGLE DOOR PASS-THRU HEATED CABINET	TRAUlsen	AHF132WP-FHG
34	1	DOUBLE STACKED COMBI OVENS	RATIONAL AG	ICC-6-NG/ICC-6-NG
35	1	CONVECTION OVEN - GAS - SINGLE DECK	SOUTHBEND	SLGB/12SC
36	1	Heavy Duty 24" Gas Range	Montague	124-5
37	1	TILT SKILLET	CLEVELAND RANGE	SGL-30-T1
39	1	Fryer, Deep Fat, Gas w/Filter	Henny Penny	DFG321.0
43	1	WORKTABLE	CUSTOM	ST. STL.
44	1	SPLASH MOUNT FAUCET	T&S BRASS	B-0231-CR
50	1	ICE CADDY	CAMBRO	ICS100L110
51	1	DISH RACKING OVERSHELF	ADVANCE TABCO	DT-6R-24
52	1	SOILED DISH TABLE	CUSTOM	ST. STL.
53	1	SPLASH MOUNT PRE-RINSE FAUCET	T&S BRASS	B-0133-CR-B-SWV
54	1	Disposer, Garbage	In-Sink-Erator	SS-200-7
56	1	DISHWASHER, DOOR TYPE, HIGH TEMP VENTLESS ELECTRIC	HOBART	AM16VLT-2
58	1	CLEAN STRAIGHT DISHTABLE	CUSTOM	ST. STL.
59	1	WALL SHELF	CUSTOM	ST. STL.
60	2	SPLASH MOUNT FAUCET	T&S BRASS	B-0290
61	3	MOBILE DRYING RACK	Metro	PR**VX*-XDR SERIES
62	1	WASHER & DRYER	BY ARCHITECT	NOT IN KEC CONTRACT
63	1	WALL CABINET	ADVANCE TABCO	WCH-15-60
64	1	JANITORIAL MOP SINK	ADVANCE TABCO	9-OP-20
65	1	CHEMICAL STORAGE	INTERMETRO	SUPER ERCTA
66	1	CLASS K FIRE EXTINGUISHER	BY OWNER	NOT IN KEC CONTRACT
67	1	FLOOR TROUGH	CUSTOM	FABRICATED EQUIPMENT
68	1	MOBILE LINEN STORAGE	CLS	1075-60
69	1	Wall Shelf	Advance Tabco	WS-12-24
70	1	ICB TWIN	BUNN	53200.01



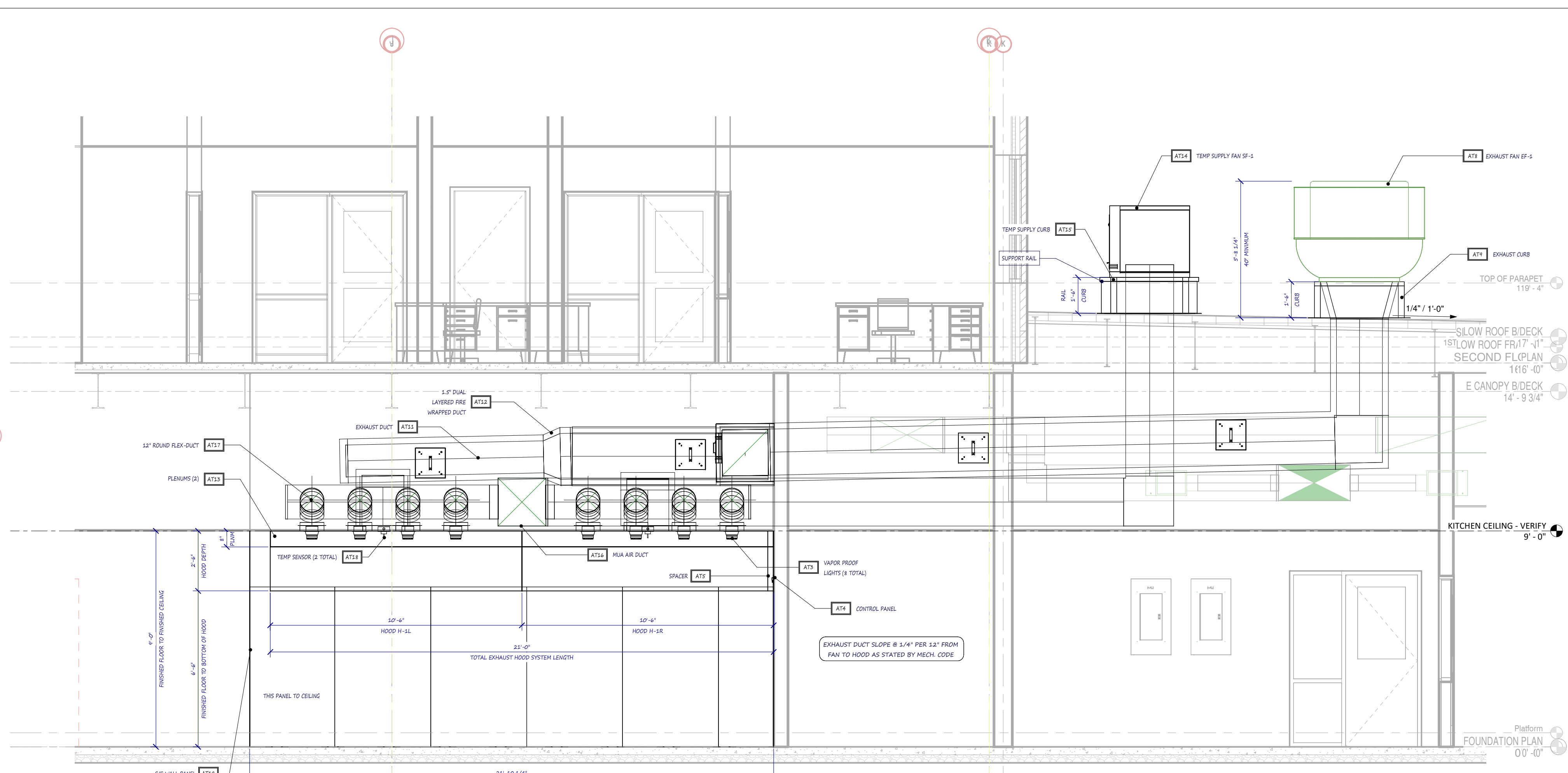
CONDENSING UNITS TO BE MOUNTED ON WALL MOUNTED RACKS IN LOADING DOCK RACKS PROVIDED BY KEC. COORDINATE LOCATION AND HEIGHT WITH ARCHITECTURAL PLANS

5/11/2022 11:17:58 AM C:\Shared drive\RDG Project Data\RDG Project Folder (2022)\2022-008 - Gibraltar - Crown Point Admin3 Drawings\B. Revit\CP Admin Bldg.RDG V20\_Centra AD03.rvt





EXHAUST SYSTEM PLAN  
SCALE: 3/8" = 1'-0"



SECTION - HOOD H-1  
SCALE: 3/8" = 1'-0"

ALLIED AIR REFERENCE (ATI) HOOD SCHEDULE

HOOD ITEM	HOOD SIZE	HOOD WEIGHT	EXHAUST CFM	EXHAUST COLLAR SIZE	EXHAUST DUCT VELOCITY	EXHAUST S.P.	SUPPLY CFM	SUPPLY AIR DUCT SIZE	SUPPLY AIR DUCT VELOCITY	SUPPLY S.P.
H-SL	30'-0" X 9'-0"	788	3,300	3.3" X 23"	3,400 FPM	5.82	3,300	(4) 3.3" ROUND	805	3.55
H-SR	30'-0" X 9'-0"	788	3,300	3.3" X 23"	3,400 FPM	5.82	3,300	(4) 3.3" ROUND	805	3.55

EXHAUST HOOD CFM: EXHAUSTED AIR (CFM) 6,300; HEATED MAKE-UP AIR (CFM) 2,640; EXHAUST CFM TOTAL 8,940. CONDENSATE EXHAUST CFM: EXHAUSTED CONDENSATE AIR (CFM) 0; HEATED MAKE-UP AIR (CFM) 2,640; EXHAUST CFM TOTAL 2,640. REMOVED BY HOODS: 4,300; RETURNED BY HVAL: 5,200; BALANCE REQUIRED BY HVAC: 3,240 CFM.

AVTEC INDUSTRIES  
501 S. COLUMBIA RD.  
WEDMAN, MI 48883

ITEM	BOF MAX COOKING TEMP.	BOF MAX COOKING TEMP.	BOF MAX COOKING TEMP.	TOP MAX COOKING TEMP.
EGH DRAFT	275	304	N/A	N/A
SUP DRAFT	N/A	N/A	N/A	N/A
FRONT OVERHANG	6"	6"	N/A	N/A
SIZE OVERHANG	6"	6"	N/A	N/A

SPACE BETWEEN HOODS: 42" (MINIMUM)

FOR USE WITH UL CLASSIFIED AL OR STEEL GREASE FILTERS  
REPLACE FUSIBLE LINK WITH UL LISTED 300LB 180°F LINK

CH HOOD LABEL  
SCALE: NOT TO SCALE

KITCHEN VENTILATION RESPONSIBILITIES BY OTHER TRADES

**CONTRACTOR**  
CUT OUT ROOF AND/OR WALL OPENINGS AS REQUIRED. NO OPENINGS ARE TO BE CUT UNTIL THE SIZE AND LOCATION IS VERIFIED WITH THE HOOD SYSTEM INSTALLER UPON SITE INSPECTION. SET IN PLACE ROOF CURBS AND SUPPORTS SUPPLIED AND LOCATED BY THE HOOD SYSTEM PROVIDER. FRAME AND REINFORCE ROOF STRUCTURE AS REQUIRED. COORDINATE WITH STRUCTURAL MEMBER INSTALLATION TO PROVIDE REQUIRED CLEARANCES FOR DUCTWORK AND RATED ASSEMBLIES.

**ELECTRICAL CONTRACTOR**  
PROVIDE 30A/60A 20 AMP CIRCUIT FOR HOOD LIGHTS AND CONTROLS TO JUNCTION BOX ON TOP OF HOOD AND CONNECT POWER TO ALL ADDING HOODS AS NECESSARY FOR LIGHTS IN ALL HOODS TO BE CONTROLLED FROM THE SAME SWITCH. PROVIDE 3 PHASE CIRCUIT FROM MAIN INTENDED FROM BUILDING POWER SOURCE TO DISCONNECT MOUNTED IN MAKE-UP AIR UNIT CABINET. EXTEND POWER WIRING FROM MOTOR STARTER PANEL TO CONNECTION POINT ON EXHAUST FANS. EXTEND CONTROL WIRE WIRE PROVIDED IN THE MAKE-UP AIR UNIT TO JUNCTION BOX ON TOP OF THE EXHAUST HOOD AND CONNECT PER DETAIL ON THIS SHEET. PROVIDE CONDUIT AND THREE WIRES FROM TERMINAL BLOCK ON HOOD TO HOOD SWITCH OF FIRE PROTECTION SYSTEM. INTERLOCK WIRING OF THE SUPPLY FANS MOTOR CONTROL DEVICE THROUGH THE FIRE SYSTEM FULL STATION, SHUTTING OFF SUPPLY AIR IN THE EVENT OF FIRE SYSTEM ACTIVATION. PROVIDE AND INSTALL AN OCTAGON BOX FOR THE FIRE SYSTEM FULL STATION, MOUNTING THE CENTERLINE OF THE BOX AT 84" ABOVE THE FINISHED FLOOR. RUN 1/2" CONDUIT FROM THE TOP OF THE BOX TO 4" ABOVE THE CEILING. FULL STATION TO BE PROVIDED WITH FIRE SYSTEM. PROVIDE AND INSTALL AUTOMATIC POWER SHUT OFF DEVICES (SHUNT TRIP BREAKERS, OR DEFERTE PURPOSE CONTRACTORS) WITH INTERLOCK TO FIRE SYSTEM MICRO SWITCH, SHUTTING OFF ALL POWER BELOW THE HOOD (INCLUDING CONTROL VOLTAGE) IN THE EVENT OF FIRE SYSTEM ACTIVATION. THIS WORK MUST BE IN ACCORDANCE WITH NFPA 70A, IFC, AND THE I.E.C.

**HVAC CONTRACTORS**  
PROVIDE NET ROOM AIR DEMAND AS INDICATED ON THE HOOD SYSTEM DRAWINGS. THIS AIR VOLUME IS REQUIRED ONLY WHEN HOOD SYSTEM IS IN OPERATION. PROVIDE ADJUAL HEATING AND COOLING OF THE KITCHEN AREA.

**PLUMBING CONTRACTORS**  
INSTALL GAS VALVE (EQUIPPED WITH THE FIRE SUPPRESSION SYSTEM) IN THE MAIN SUPPLY LINE SERVING THE COOKING EQUIPMENT TO SHUT OFF GAS SERVICE TO THE COOKING EQUIPMENT IN THE EVENT OF FIRE SYSTEM ACTIVATION. PROVIDE AND INSTALL SERVICE TO GAS FIRED PUMPHOUSE ON ROOF. PROVIDE AND INSTALL GAS PIPING TO ROOF (SIZE AS REQUIRED) AND CONNECT TO MAKE-UP AIR UNIT PER IFC.

ALLIED AIR PACKAGED EXHAUST VENTILATION SYSTEM

ITEM	SYSTEM PARTS	QTY.	MODEL	U.L. AND/OR ETL LISTINGS	REMARKS
A101	EXHAUST HOOD	3	CH SERIES	U.L. T40 LISTING & NSF 2	TYPE R40, 14 GA. S/S CONSTRUCTION
A102	GREASE BAFFLE FILTERS	LOTF	CHG F80	R403 CONTROL #445G	STAINLESS BAFFLE FILTERS - 20"
A103	WARM ROOM LIGHTS	4	LEWEN-LAB	UL 8740 & NSF 2	WARM ROOM LED LIGHT FIXTURES
A104	WALL MOUNTED CONTROL PANEL	1	SEE DWG.	INCLUDED W/ EXHAUST HOOD	FLEXIBLE WALL MOUNTED - WIRING BY E.C.
A105	SPACER	LOTF	CUSTOM	TO MEET LOCAL CODE	TYPE 300, 14 GAUGE S/S CONSTRUCTION - 9" WIDE
A106	S/S TRIM ENCLOSURE	10	CUSTOM	TO MEET LOCAL CODE	FROM TOP OF HOOD TO 2" ABOVE CEILING
A107	WALL MOUNTED - FIRE SYSTEM	1	AKSUL R-102	UL 300 DESIGN	PRE-ENGINEERED - WET CHEMICAL - CONFORM PLACEMENT W/ FDC
A108	EXHAUST FAN	1	STYRIMPELLS	UL 713	SEE DRAWING DETAILS
A109	EXHAUST FAN HOSE CURB	3	VEBITY ROOF	TO MEET LOCAL CODE	14 GAUGE GALVANIZED INSULATED STEEL CONSTRUCTION
A110	EXHAUST DUCT CLEAN-OUT ACCESS	6	THERMAL CERAMIC	TO MEET LOCAL CODE	17" X 31" HATCH INSTALLED EVERY 10'-0" OF HORIZONTAL RUN OR CHANGE DIRECTION
A111	EXHAUST DUCT SYSTEM INSTALLED	LOTF	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	14 GAUGE, FULLY WELDED (LAP) TIGHTS; SEE DRAWING FOR DETAILS
A112	EXHAUST DUCT FIRE RATED WRAP	LOTF	THERMAL CERAMIC	TO MEET LOCAL CODE	FIELD VERIFY BUILDING MATERIALS FOR COMPLIANCE
A113	PERFORATED MAKE-UP AIR FLEXUM	3	BOTTOM DISCHARGE	INCLUDED W/ EXHAUST HOOD	S/S CONSTRUCTION WITH BALANCING DAMPERS & PERFORATED BOTTOM
A114	TEMP SUPPLY UNIT	3	W-9 (SEE SCHEDULE)	UL 297-1415	SEE DRAWING DETAILS
A115	TEMP SUPPLY UNIT CURB	3	VEBITY ROOF	TO MEET LOCAL CODE	14 GAUGE GALVANIZED INSULATED STEEL CONSTRUCTION
A116	MAKE-UP AIR DUCT SYSTEM INSTALLED	LOTF	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	22 GAUGE LOW PRESSURE STEEL PER SHADONA STANDARDS
A117	MAKE-UP AIR FLEX-DUCT	4	CUSTOM FIELD MEASURE	TO MEET LOCAL CODE	INSULATED DUCT WITH BALANCING DAMPERS AT EACH CONNECTION TO FLEXUM
A118	TEMP SENSOR	3	AS-SNS/ANTODOS	TO MEET LOCAL CODE	1/4" AUTO START CONTROL W/ INTERLOCK TIME DELAY RELAY
A119	S/S WALL PANELS	LOTF	NA	TO MEET LOCAL CODE	TYPE 200 S/S CONSTRUCTION
A120	S/S END CURTAINS	0	NA	TO MEET LOCAL CODE	TYPE 200 S/S CONSTRUCTION

KITCHEN EQUIPMENT CONTRACTOR TO COORDINATE WITH GENERAL, ROOFING, STRUCTURAL, ELECTRICAL, HVAC AND PLUMBING CONTRACT DOCUMENTS.  
HOOD SYSTEM INSTALLER TO FIELD MEASURE KITCHEN VENTILATION SYSTEM BEFORE PRODUCT CONSTRUCTION AND INSTALL.

\*ITEM MAY BE INCLUDED UPON VERIFICATION OF CEILING HEIGHT



CROWN POINT NEW ADMIN. CENTER  
CROWN POINT, IN

REITANO DESIGN GROUP - JONATHAN

CHRIS OXFORD  
Date 3.30.22  
Revisions:  
0000.00  
0000.00  
0000.00 Project Number 853522

4/15/2022 9:53:46 AM  
C:\Shared drives\RDG Project Data\RDG Project Folder (2022)\2022-008 - Gibraltar - Crown Point Admin3 Drawings\Revit\CP Admin Bldg.RDG  
V20\_Central.rvt







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



PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, 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 21-115  
DATE 04/15/22  
COORDINATED BY SM  
DRAWN BY LVB  
CHECKED BY DJ



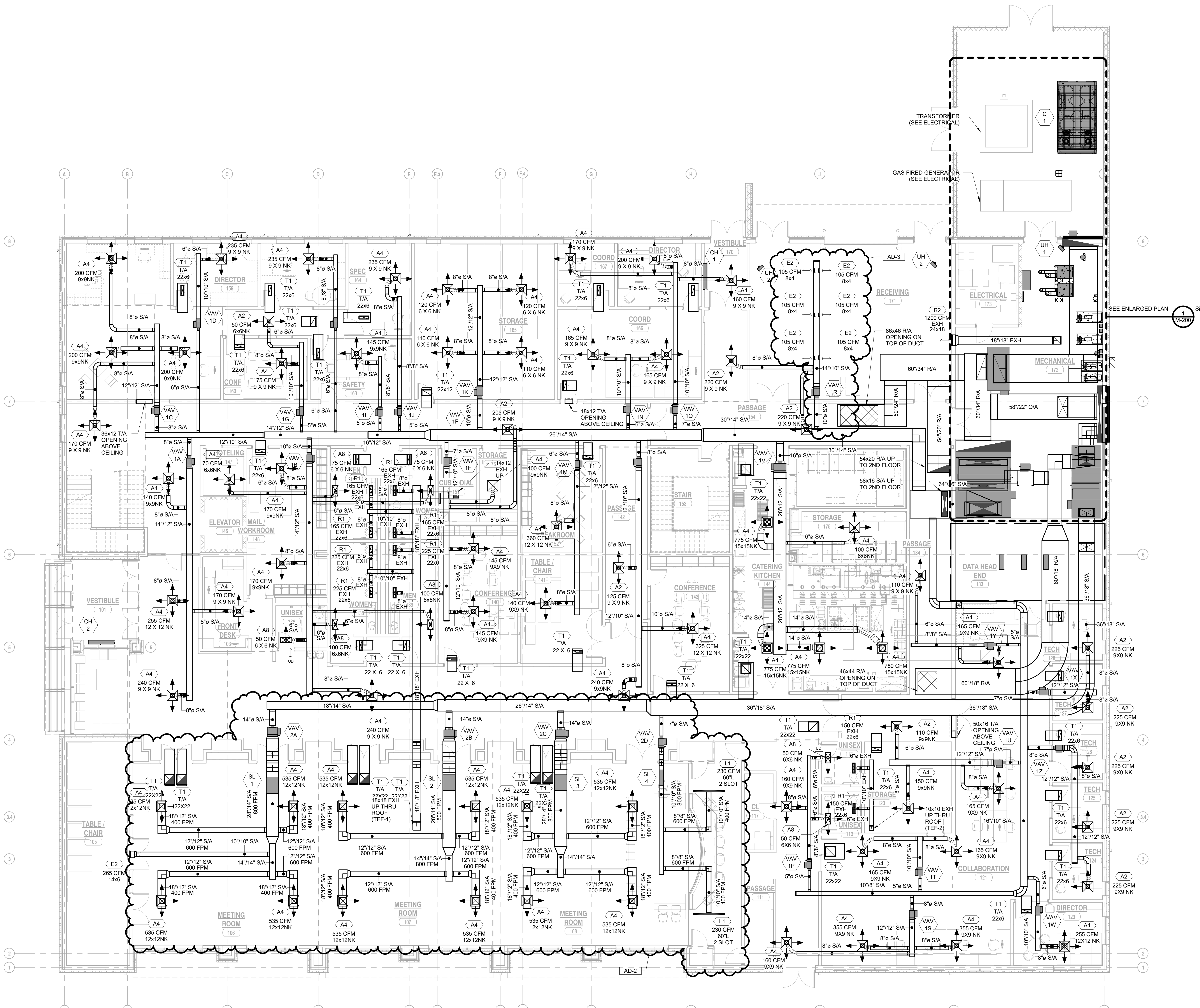
**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE LOANED FOR USE ON THE SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**FIRST FLOOR MECHANICAL DUCTWORK PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

SHEET  
**AD MV101**



**FIRST FLOOR MECHANICAL DUCTWORK PLAN**  
MV101 1/8" = 1'-0" NORTH

5/12/2022 11:02:17 AM C:\Users\Gibndbcom\Documents\Crown Point Admin Bldg\_MP-Finace-R20\_gibndbcom.rvt

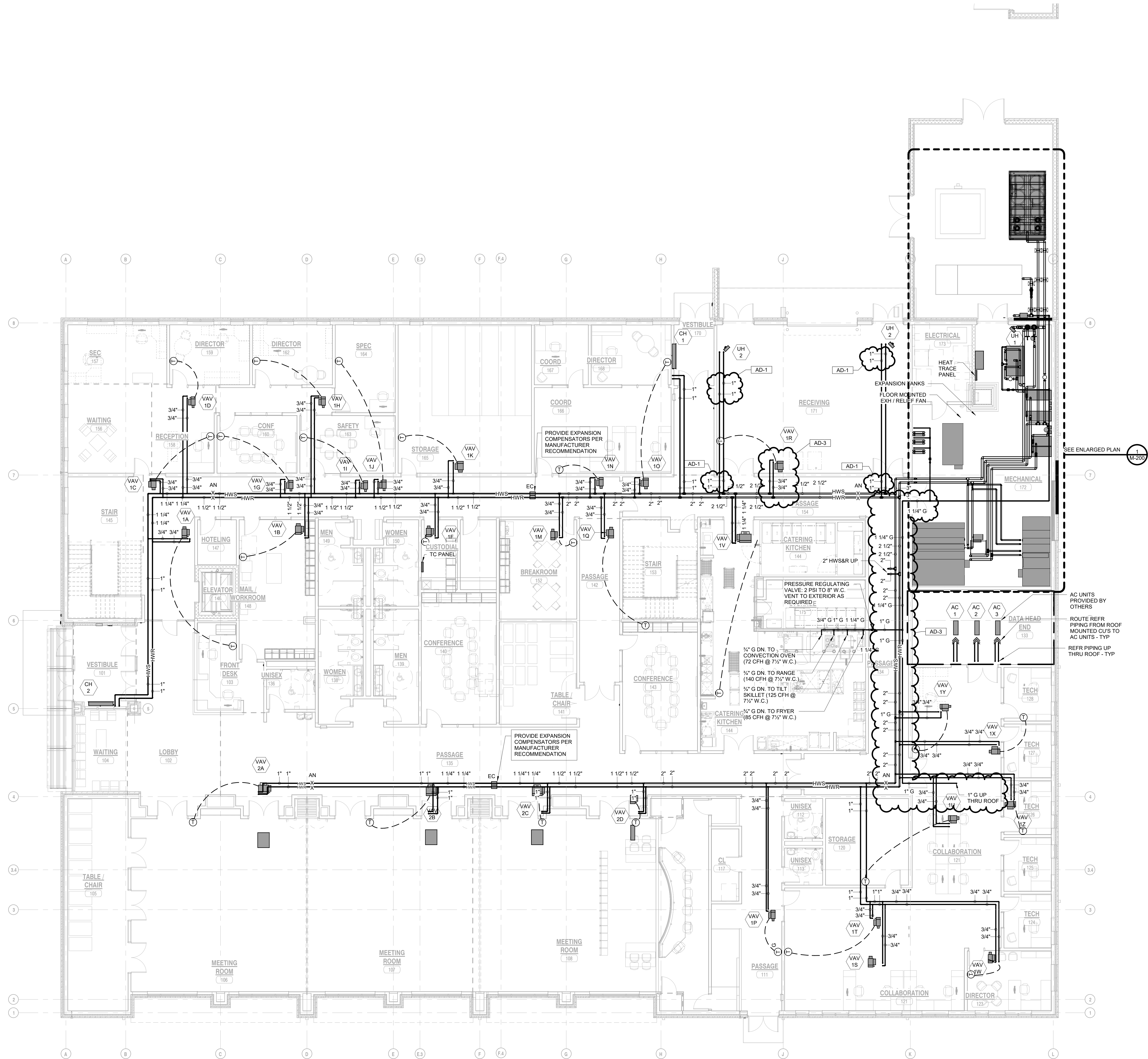


**GIBRALTAR**  
DESIGN  
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT:  
**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, 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  
21-115  
DATE  
04/15/22  
COORDINATED BY  
SM  
DRAWN BY  
LVB  
CHECKED BY  
DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

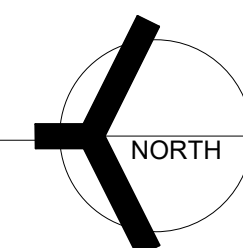
MARK	DATE	ISSUED FOR
AD-1	04/28/22	ADDENDUM NO. 1
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**FIRST FLOOR MECHANICAL  
PIPING PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE  
EDUCATION & RESOURCE CENTER, AND  
RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD MP101**

**1 FIRST FLOOR MECHANICAL PIPING PLAN**  
MP101 1/8" = 1'-0"



5/12/2022 11:02:16 AM C:\Users\Gibndbcom\Documents\Crown Point Admin Bldg\_MP\_Planace-R20\_gibndbcom.rvt

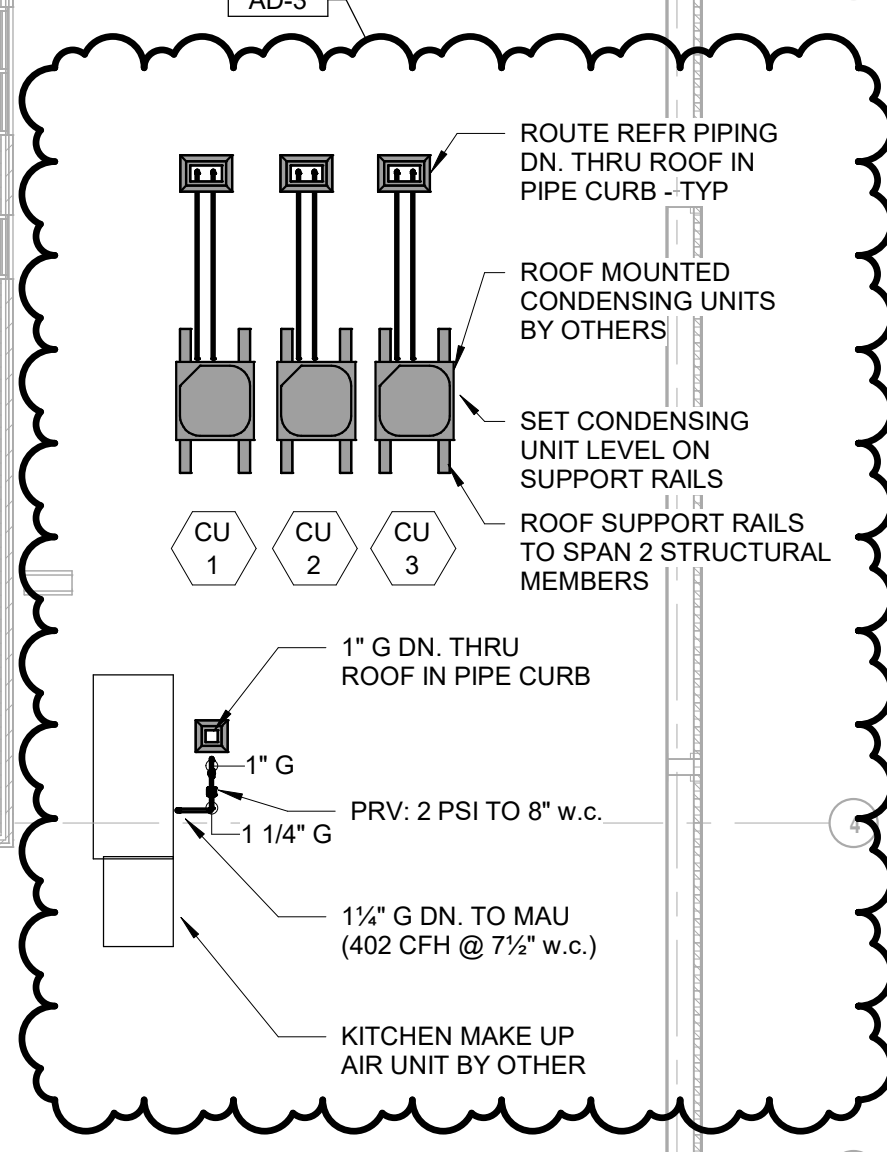
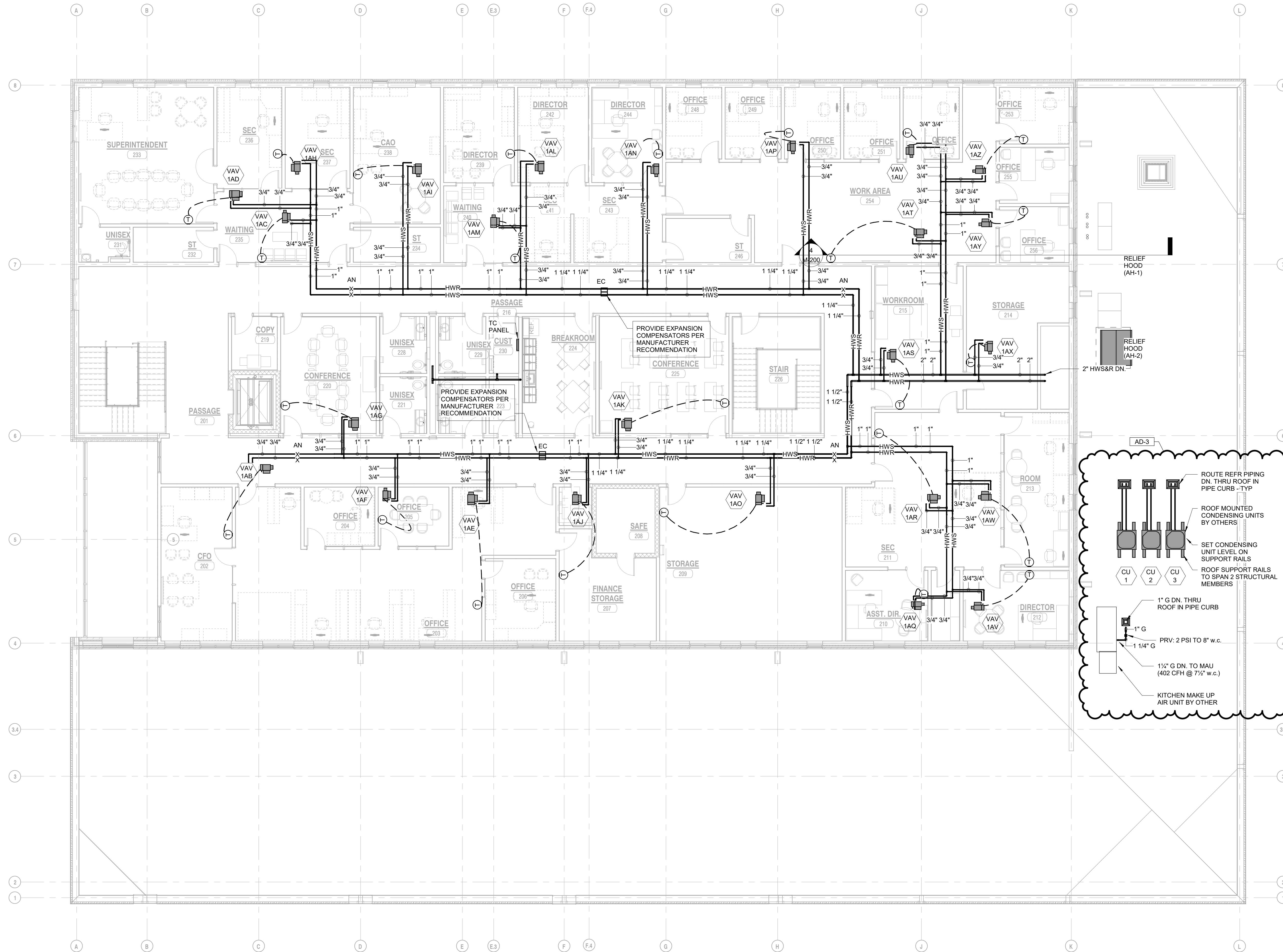


**GIBRALTAR**  
DESIGN  
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT:  
**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, 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  
21-115  
DATE  
04/15/22  
COORDINATED BY  
SM  
DRAWN BY  
LVB  
CHECKED BY  
DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**SECOND FLOOR MECHANICAL  
PIPING PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE  
EDUCATION & RESOURCE CENTER, AND  
RELATED WORK

GIBRALTAR DESIGN SHEET  
**AD MP102**

**1 SECOND FLOOR MECHANICAL PIPING PLAN**  
MP102 1/8" = 1'-0"

**SHEET NOTES**

- EXISTING SUPPLY AIR DIFFUSER TO REMAIN. INSPECT AND CLEAN EXISTING DIFFUSER COMPLETE AS REQUIRED. BALANCE EXISTING SUPPLY AIR DIFFUSER TO AIRFLOW QUANTITY INDICATED ON PLAN.
- EXISTING UNIT VENTILATOR: TEST AND BALANCE UNIT TO PROPER AIRFLOW AND CHILLED AND HOT WATER FLOW RATES AFTER SYSTEM MODIFICATIONS ARE COMPLETE. PROVIDE NEW DDC CONTROLLER AND INTERLOCK TO NEW FACILITY MANAGEMENT SYSTEM COMPLETE AS REQUIRED.



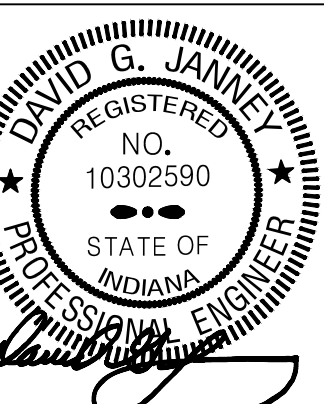
**GIBRALTAR**  
DESIGN  
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN  
**MILLIES**  
ENGINEERING GROUP  
www.milliesengineeringgroup.com

PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**KEY PLAN**

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

PROJECT: 21-115  
DATE: 04/15/22  
COORDINATED BY: SM  
DRAWN BY: GL  
CHECKED BY: DJ



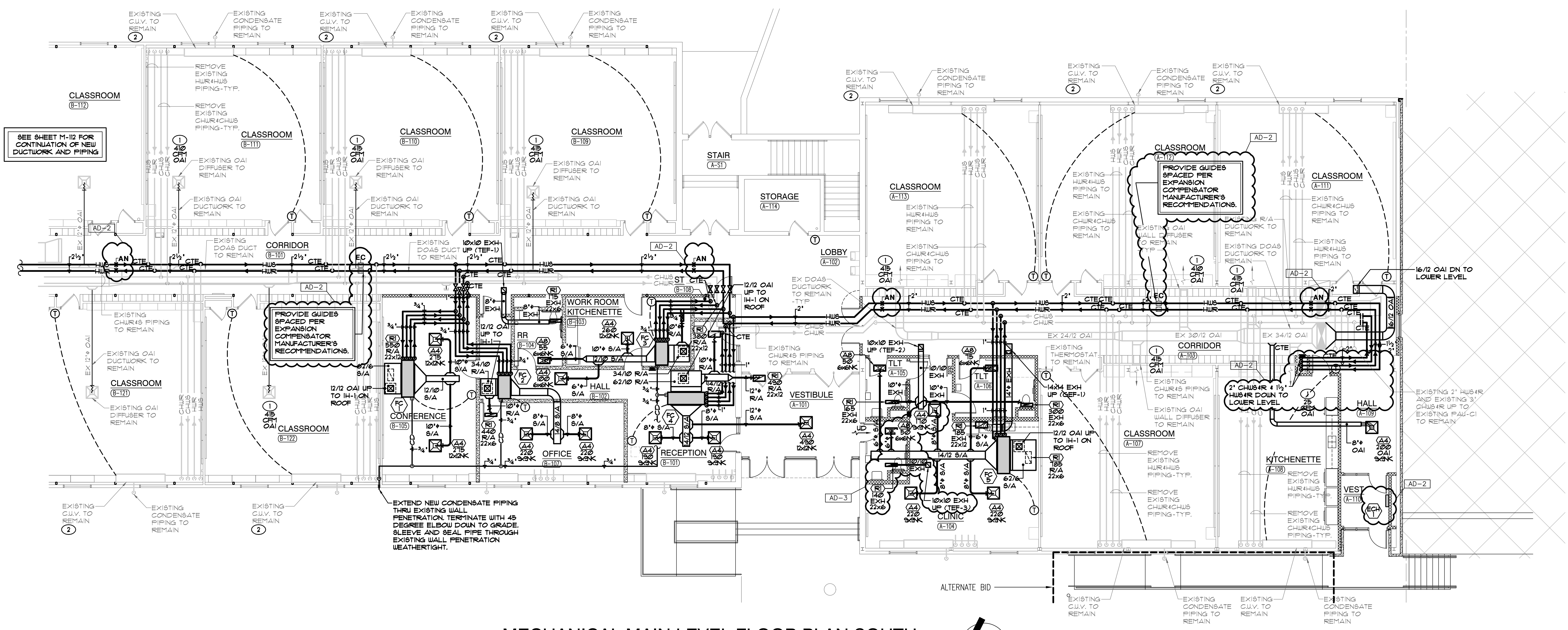
**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

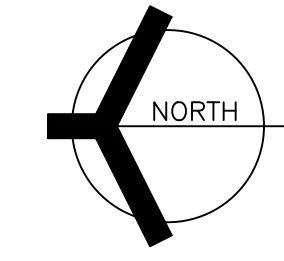
DRAWING  
**MECHANICAL MAIN LEVEL PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AR M-111**



**MECHANICAL MAIN LEVEL FLOOR PLAN SOUTH**  
SCALE: 1/8" = 1'-0"



Thursday, 5/12/2022 11:21 AM - LAST SAVED BY: GUNDELBOOM  
K:\2022\2201005 CP ADMIN CENTER\3.0 DRAWINGS\A-M-111.DWG



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



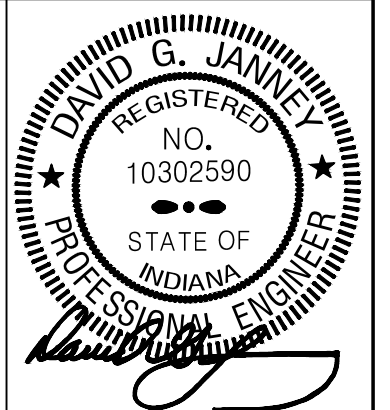
PROJECT  
NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, AND  
RELATED WORK

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT  
21-115  
DATE  
04/15/22  
COORDINATED BY  
SM  
DRAWN BY  
GL  
CHECKED BY  
DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS	MARK	DATE	ISSUED FOR
	AD-2	05/05/22	ADDENDUM NO. 2
	AD-3	05/12/22	ADDENDUM NO. 3

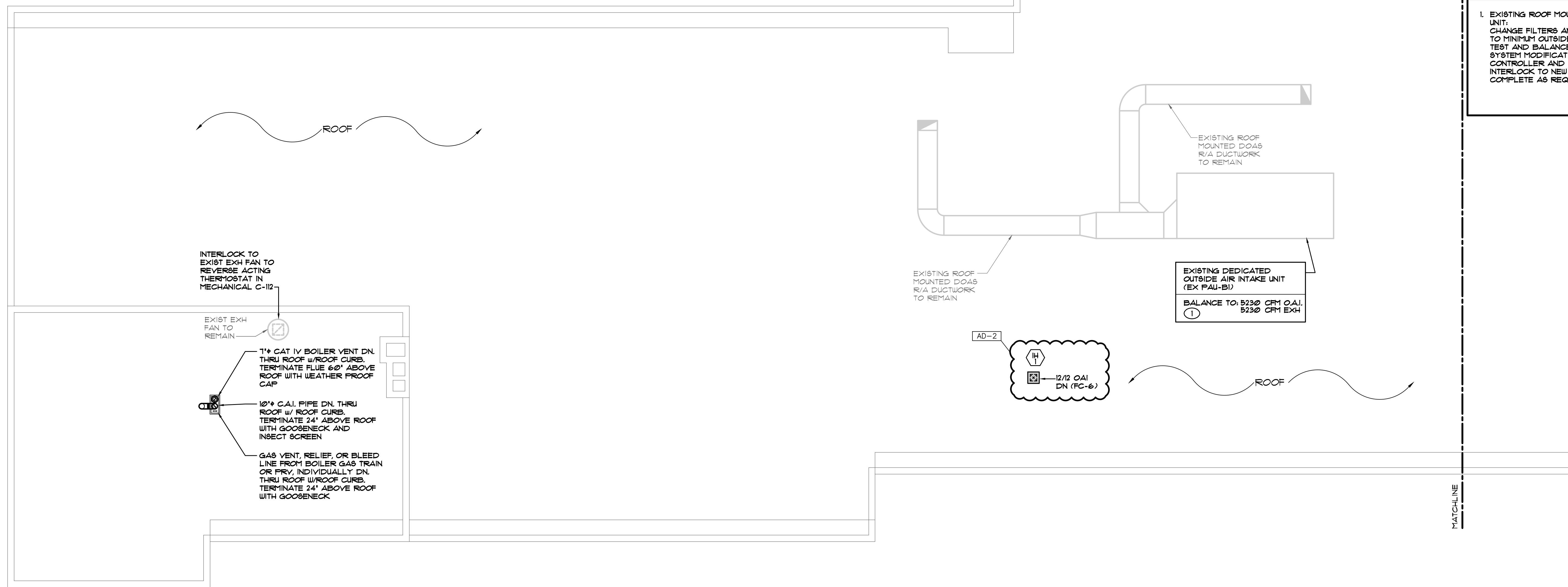
DRAWING  
**MECHANICAL ROOF PLAN**

PROJECT  
NEW ADMINISTRATION CENTER,  
ALTERNATIVE EDUCATION & RESOURCE CENTER,  
AND RELATED WORK

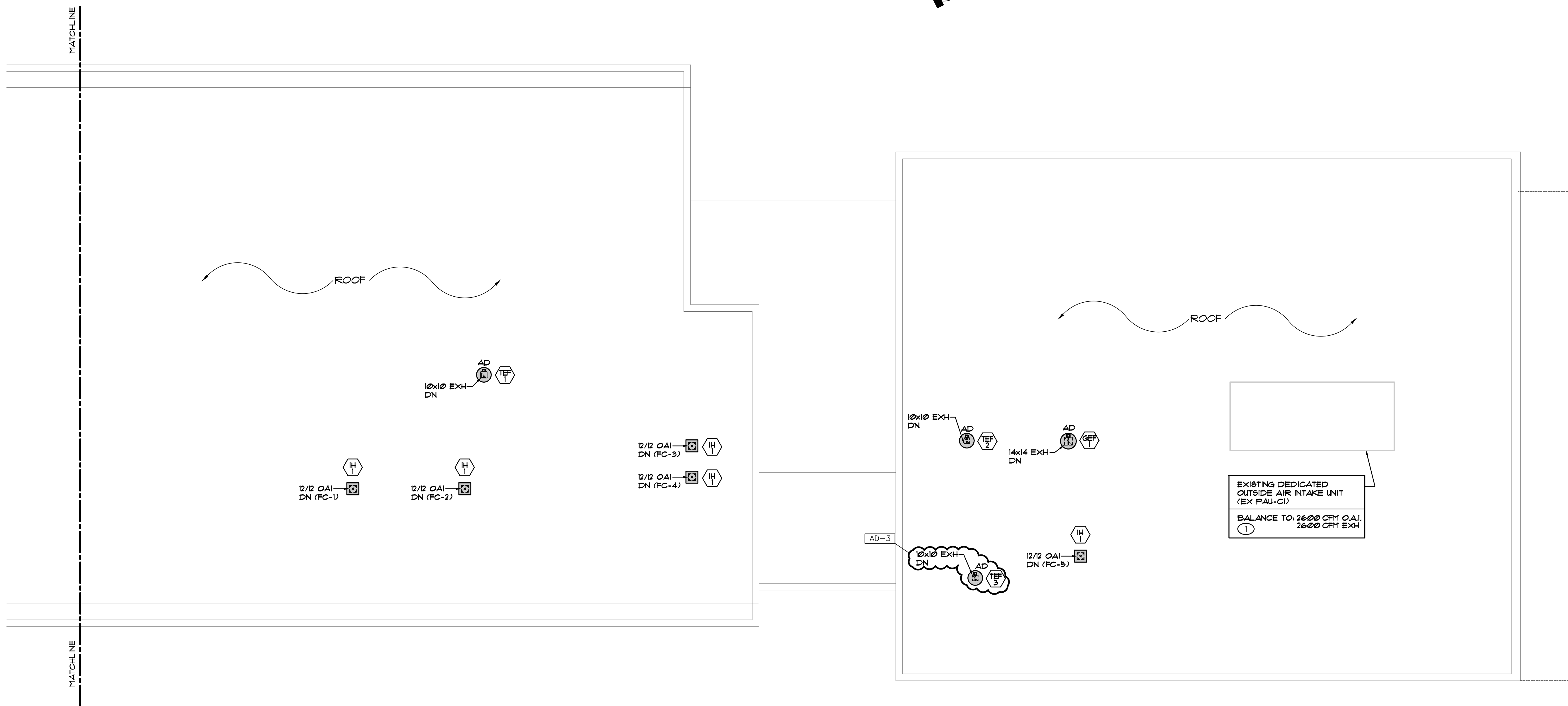
© GIBRALTAR DESIGN SHEET  
**AR M-113**

**SHEET NOTES**

1. EXISTING ROOF MOUNTED DEDICATED OUTSIDE AIR INTAKE UNIT.  
CHANGE FILTERS AND PROVIDE NEW BELTS. BALANCE UNIT TO MINIMUM OUTSIDE AIR AND EXHAUST VALUES INDICATED. TEST AND BALANCE UNIT TO HYDRONIC FLOW RATES AFTER SYSTEM MODIFICATIONS ARE COMPLETE. PROVIDE NEW DDC CONTROLLER AND ASSOCIATED CONTROL WIRING, ETC AND INTERLOCK TO NEW FACILITY MANAGEMENT SYSTEM COMPLETE AS REQUIRED.



**MECHANICAL ROOF PLAN NORTH**  
SCALE: 1/8" = 1'-0"



**MECHANICAL ROOF PLAN SOUTH**  
SCALE: 1/8" = 1'-0"

Thursday, 5/12/2022 - 11:21 AM - LAST SAVED BY: GUNDBLOOM, K. V. 2022.0201005 CP ADMIN CENTER.3.0 DRAWINGS\M-113.DWG



**GIBRALTAR**  
DESIGN

ARCHITECTURE - ENGINEERING - INTERIOR DESIGN



PROJECT:

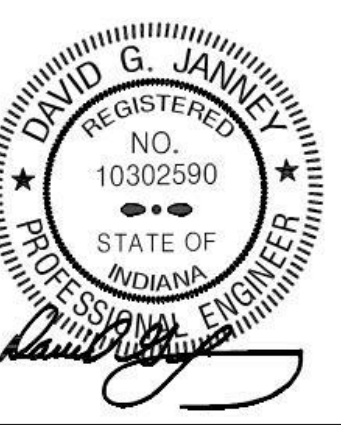
**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, AND  
RELATED WORK**

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  
21-115  
DATE  
04/15/22  
COORDINATED BY  
SM  
DRAWN BY  
LVB  
CHECKED BY  
DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE CREATED FOR USE ON THE SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

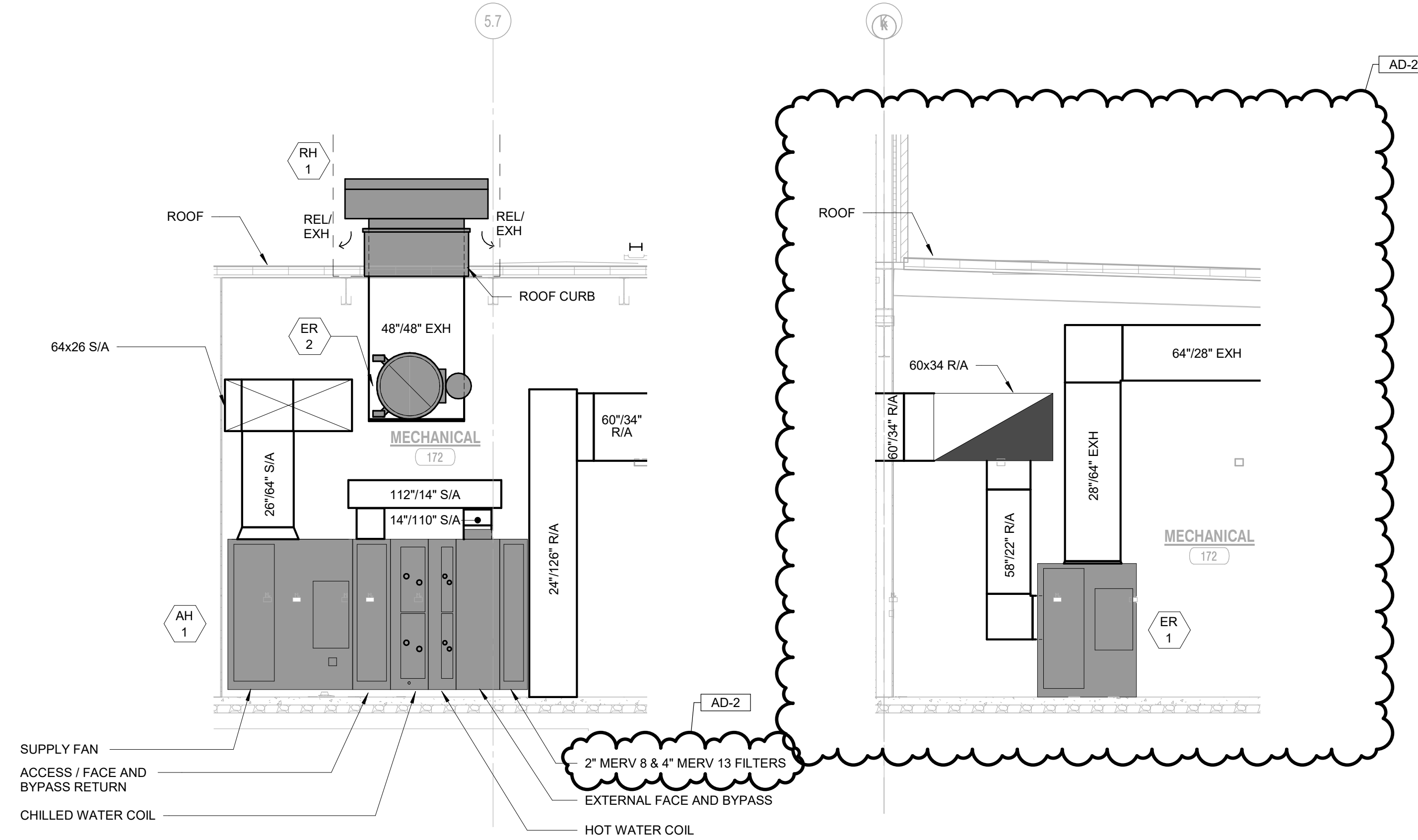
MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**ENLARGED FIRST FLOOR  
MECHANICAL PLAN & AH  
SECTIONS**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE  
EDUCATION & RESOURCE CENTER, AND  
RELATED WORK

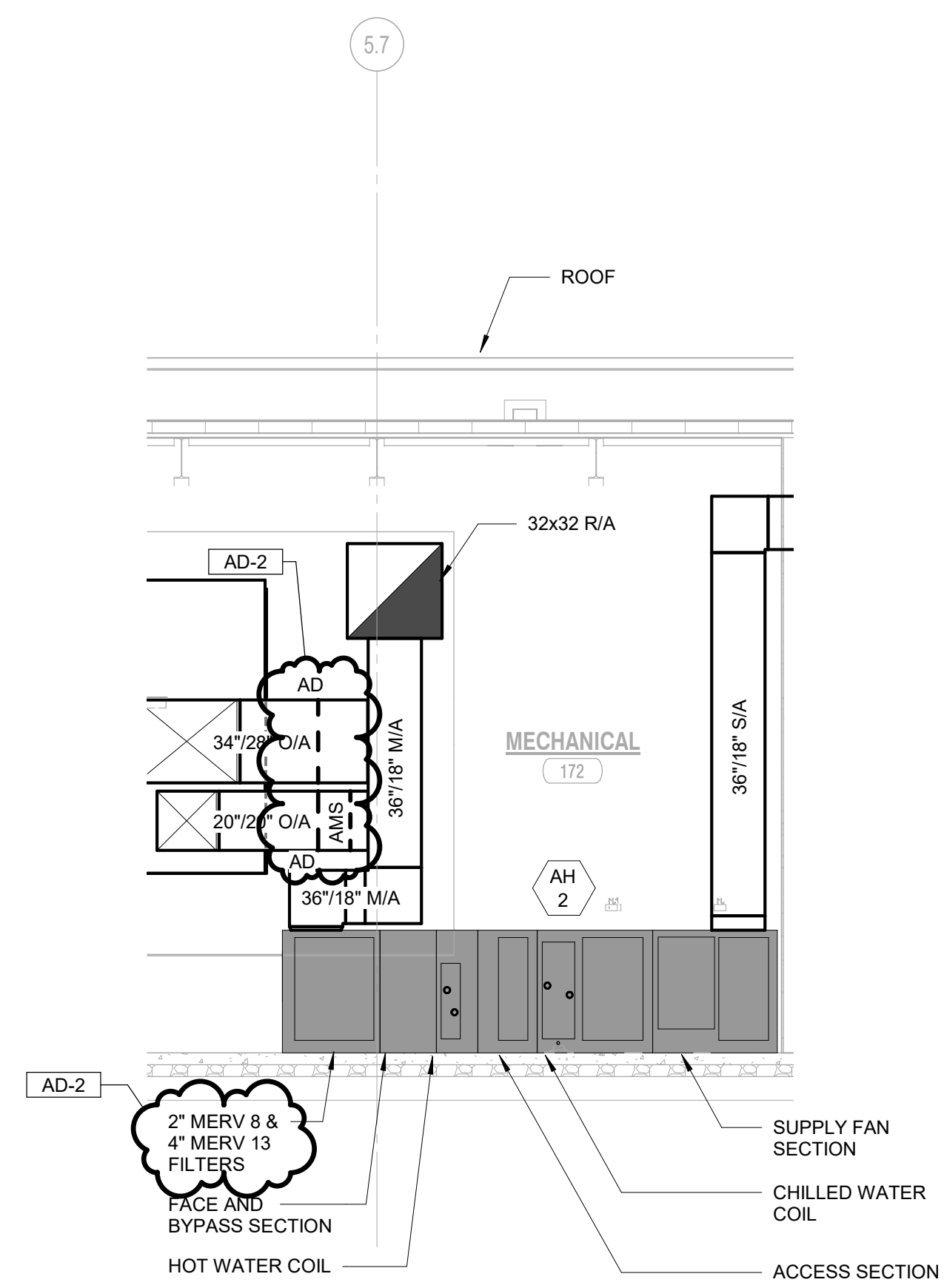
DESIGNER  
**AD**

SHEET  
**M-200**

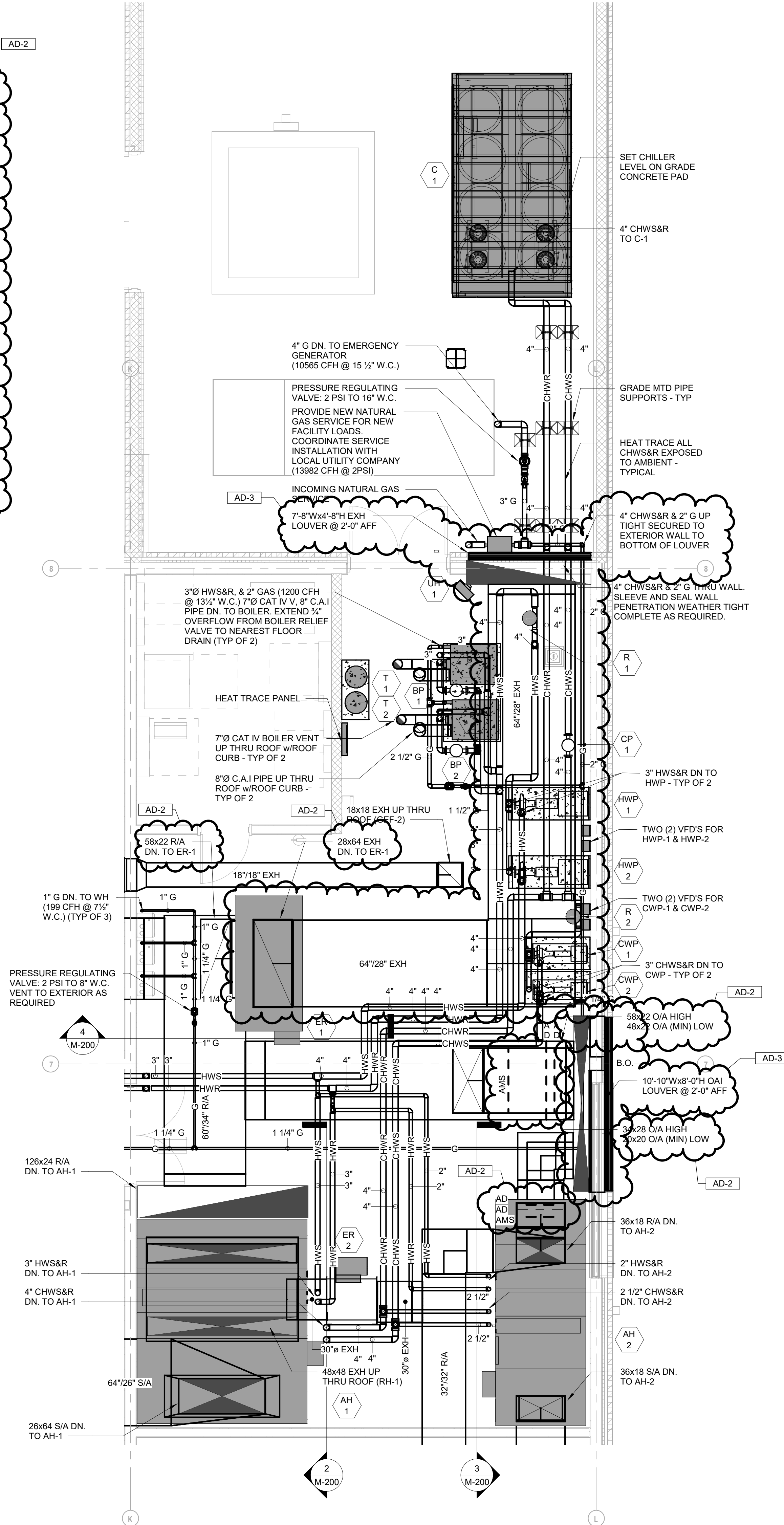


**2 AH-1 SECTION**  
M-200 1/4" = 1'-0"

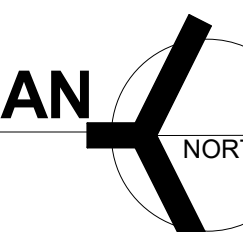
**4 ER-1 SECTION**  
M-200 1/4" = 1'-0"



**3 AH-2 SECTION**  
M-200 1/4" = 1'-0"



**1 FIRST FLOOR MECHANICAL ENLARGED BOILER ROOM PLAN**  
M-200 1/4" = 1'-0"







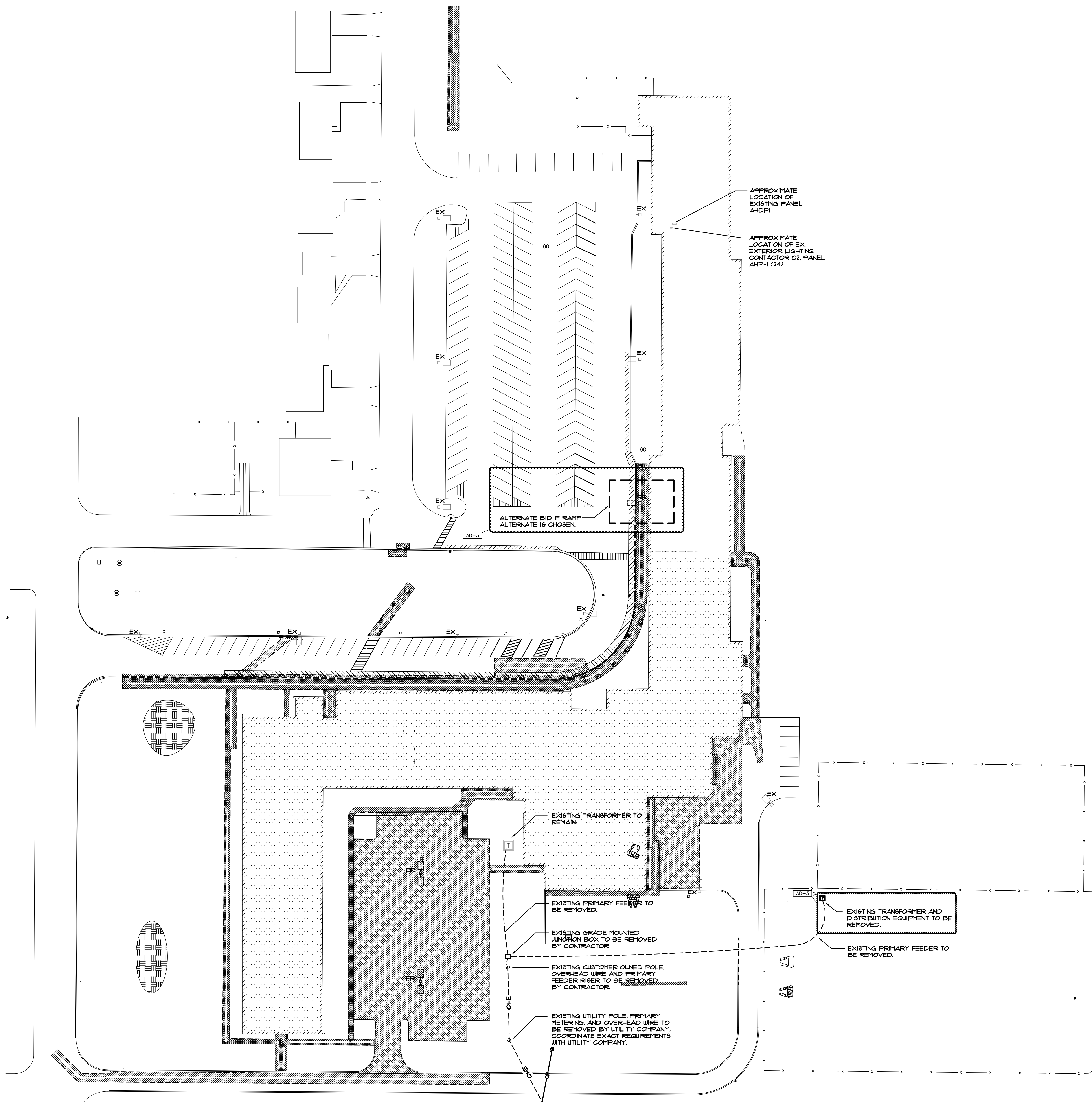
**GIBRALTAR**  
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



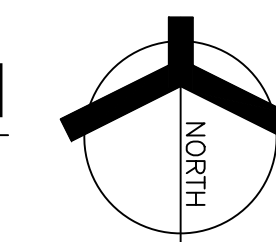
PROJECT  
**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, AND  
RELATED WORK**

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA



**ELECTRICAL DEMOLITION SITE PLAN**

SCALE: 1" = 40'-0"

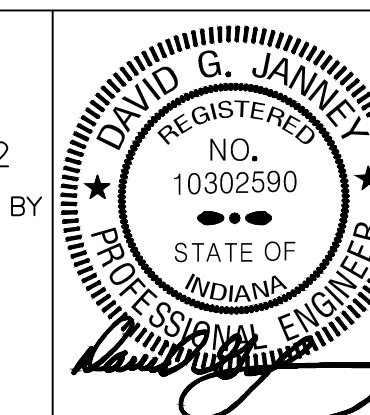


KEY PLAN

**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  
21-115  
DATE  
04/15/22  
COORDINATED BY  
SM  
DRAWN BY  
AG  
CHECKED BY  
DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**ELECTRICAL DEMOLITION  
SITE PLAN**

PROJECT  
NEW ADMINISTRATION CENTER,  
ALTERNATIVE EDUCATION & RESOURCE CENTER,  
AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**E-002**





**GIBRALTAR**  
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

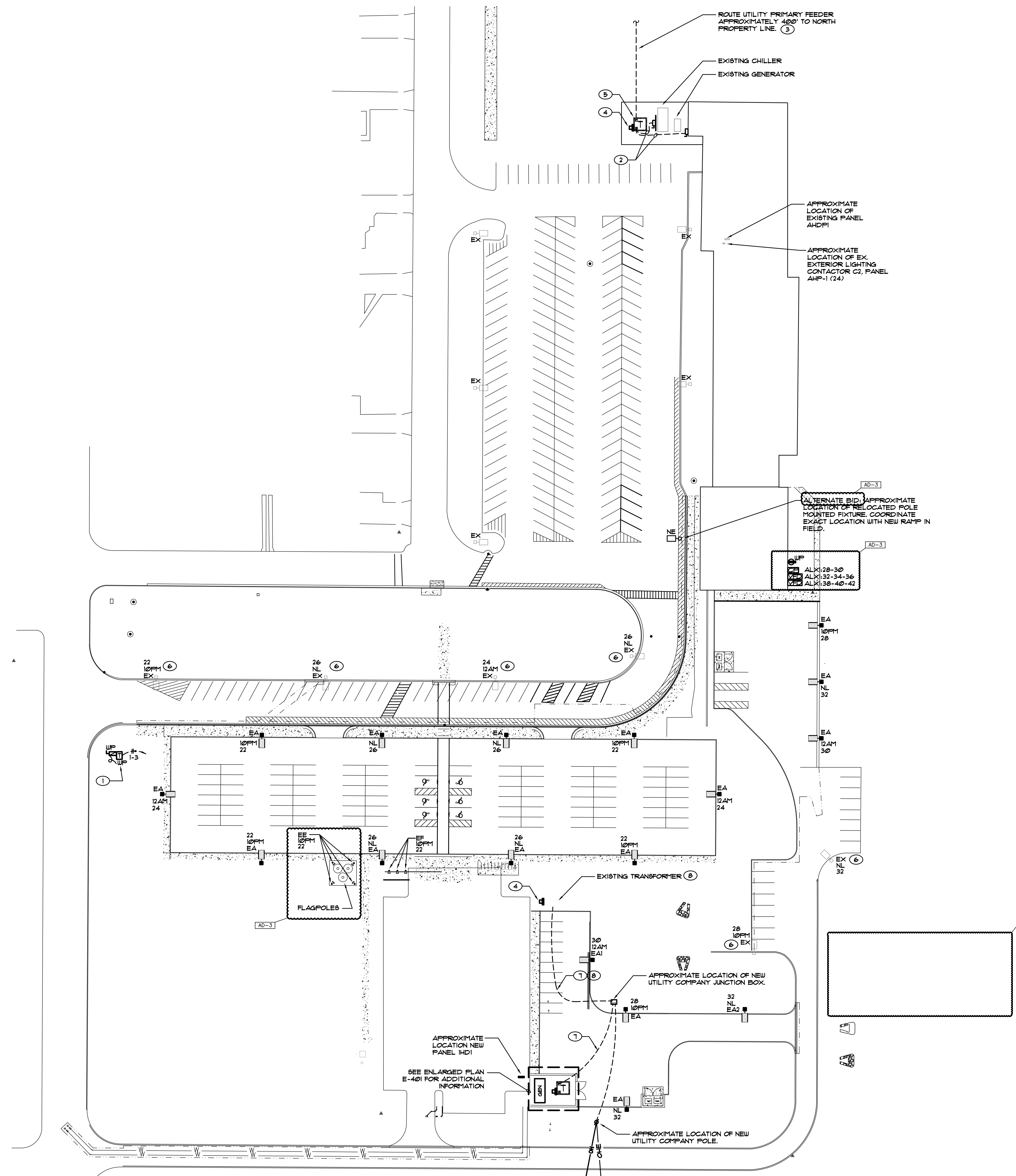
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GENERAL NOTES**

1. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 21 CONTRACTOR PRIOR TO ROUGH-INS.
2. SITE LIGHTING CONDUCTORS SHALL BE 1/2" AWG MINIMUM, AND SIZED TO MEET NEC VOLTAGE DROP REQUIREMENTS.
3. ALL SITE LIGHTING POLE MOUNTED FIXTURES TO BE MOUNTED 25' AFG, UNLESS OTHERWISE NOTED.
4. UNLESS OTHERWISE NOTED, ROUTE LIGHTING TO CIRCUITS INDICATED VIA THE CLOCK, CONTACTORS AND PHOTOCELL.
5. REFER TO SITE LIGHTING POLE AND FLOOD LIGHT DETAILS FOR ADDITIONAL INFORMATION.
6. CAREFULLY VERIFY BASE SIZE FOR EACH FIXTURE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
7. REFER TO TECHNOLOGY DRAWINGS FOR TECHNOLOGY SITE WORK AND PROVIDE RACEWAY AND HAND-HOLE ROUGH-INS AS INDICATED.
8. CONTACT UTILITY COMPANY TO DETERMINE EXACT ELECTRICAL BOX LOCATION AND ALL CONDUITURE SIZES AND ROUTING PRIOR TO CALCULATING FINAL WIRE LENGTHS AND ORDERING EQUIPMENT. VERIFY ALL LOCATIONS IN FIELD, COMPLETE AS REQUIRED.
9. ALL DEVICES SHALL BE CIRCUITED TO PANEL 1H2 UNLESS OTHERWISE NOTED.

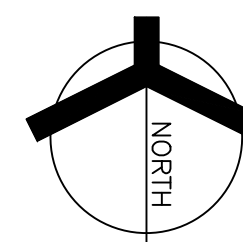
**SHEET NOTES**

1. PROVIDE 480V ELECTRICAL CONNECTION TO NEW 3KVVA 480/277/240V, SINGLE PHASE, NEMA 3R ENCAPSULATED TRANSFORMER. PROVIDE 30AS/20AF NEMA-3R SECONDARY DISCONNECT SWITCH AND CONNECT TO NEW MOUNTING SIGN TRANSFORMER AND DISCONNECT SHALL BE MOUNTED AT BASE OF SIGN, 12" AFG, IN AN INCONSPICUOUS LOCATION. TRANSFORMER TO BE GROUNDED WITH GROUND ROD. VERIFY EXACT LOCATIONS AND REQUIREMENTS IN FIELD AND WITH SIGN MANUFACTURER PRIOR TO ROUGH-IN, COMPLETE AS REQUIRED.
2. MAIN SERVICE SECONDARY FEEDERS, REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
3. UTILITY PRIMARY FEED, COORDINATE WITH UTILITY COMPANY TO ROUTE CONDUIT, UNDERGROUND, TO UTILITY COMPANY POLE. VERIFY EXACT ROUTING, CONDUIT SIZE AND POLE LOCATION IN FIELD WITH UTILITY COMPANY.
4. NEW EXTERIOR MOUNTED UTILITY METER FOR MAIN ELECTRICAL SERVICE. PROVIDE UTILITY METER AND UNISTRUT SUPPORT STRUCTURE 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.
5. UTILITY COMPANY PAD MOUNTED TRANSFORMER ELECTRICAL CONTRACTOR TO FURNISH AND INSTALL TRANSFORMER PAD PER UTILITY COMPANY STANDARDS AND SPECIFICATIONS, INCLUDING GROUNDING, PAD SIZE, CLEARANCES, ETC.
6. EXISTING EXTERIOR POLE MOUNTED FIXTURE TO REMAIN. RE-FEED FIXTURES AFFECTED BY DEMOLITION TO NEW CIRCUITRY AND CONTROLS INDICATED, COMPLETE AS REQUIRED.
7. NEW UTILITY PRIMARY FEED, COORDINATE WITH UTILITY COMPANY TO ROUTE CONDUIT, UNDERGROUND, FROM TRANSFORMER TO NEW JUNCTION BOX. VERIFY EXACT ROUTING, CONDUIT SIZE AND JUNCTION BOX LOCATION IN FIELD WITH UTILITY COMPANY.
8. UPON COMMENCEMENT OF MIDDLE SCHOOL DEMOLITION WORK, EXISTING TRANSFORMER, METER, AND ASSOCIATED PRIMARY AND SECONDARY FEEDERS TO BE REMOVED. COORDINATE EXACT TIMING AND REQUIREMENTS WITH MIDDLE SCHOOL DEMOLITION SCOPE OF WORK.
9. NEW UTILITY PRIMARY FEED, COORDINATE WITH UTILITY COMPANY TO ROUTE CONDUIT, UNDERGROUND, FROM NEW JUNCTION BOX TO NEW UTILITY POLE. VERIFY EXACT ROUTING, CONDUIT SIZE AND JUNCTION BOX AND POLE LOCATIONS IN FIELD WITH UTILITY COMPANY.



**ELECTRICAL SITE PLAN**

SCALE: 1" = 40'-0"

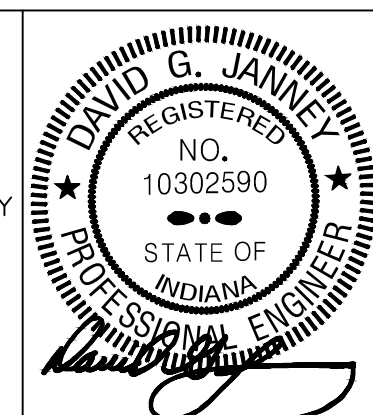


**KEY PLAN**

**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: 21-115  
DATE: 04/15/22  
COORDINATED BY: SM  
DRAWN BY: AG  
CHECKED BY: DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

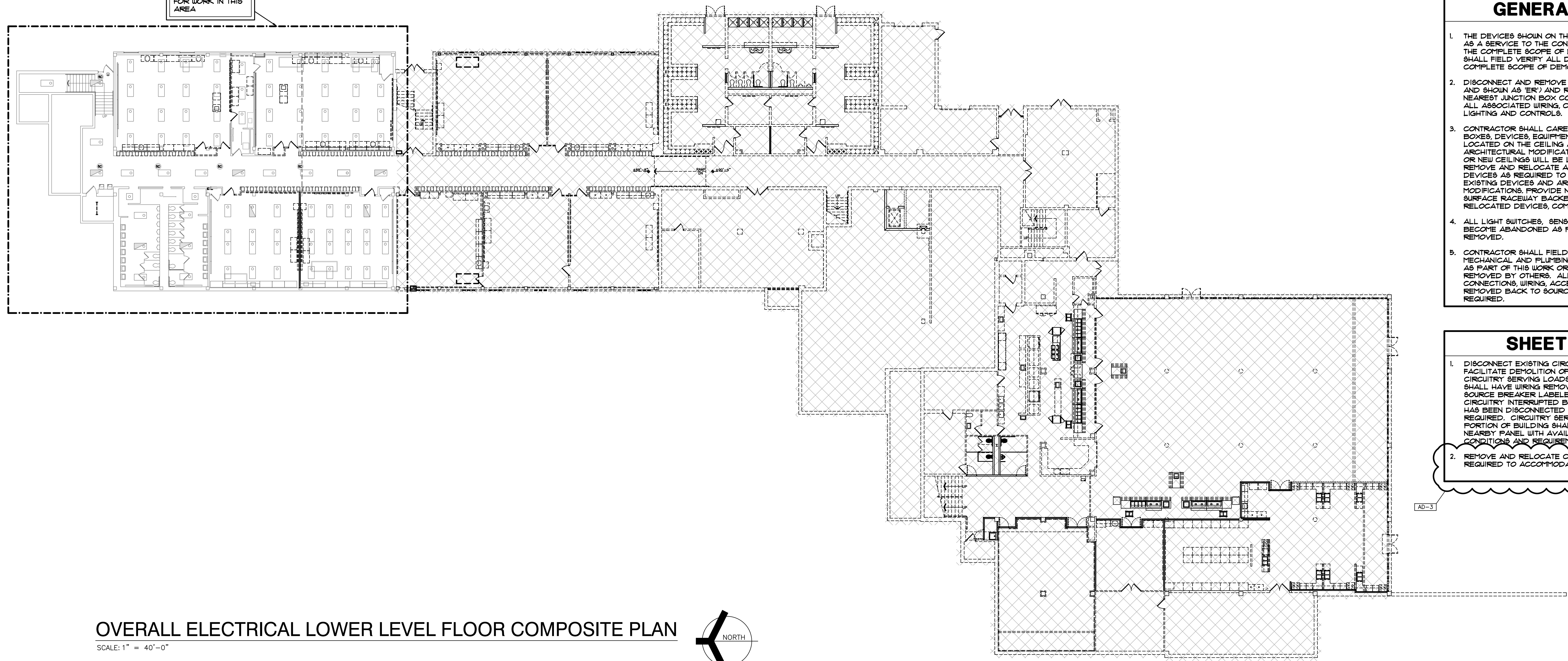
MARK	DATE	ISSUED FOR
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**ELECTRICAL SITE PLAN**

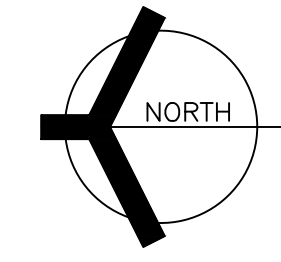
PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

© GIBRALTAR DESIGN SHEET  
**E-003**

SEE ENLARGED PLAN THIS SHEET FOR WORK IN THIS AREA

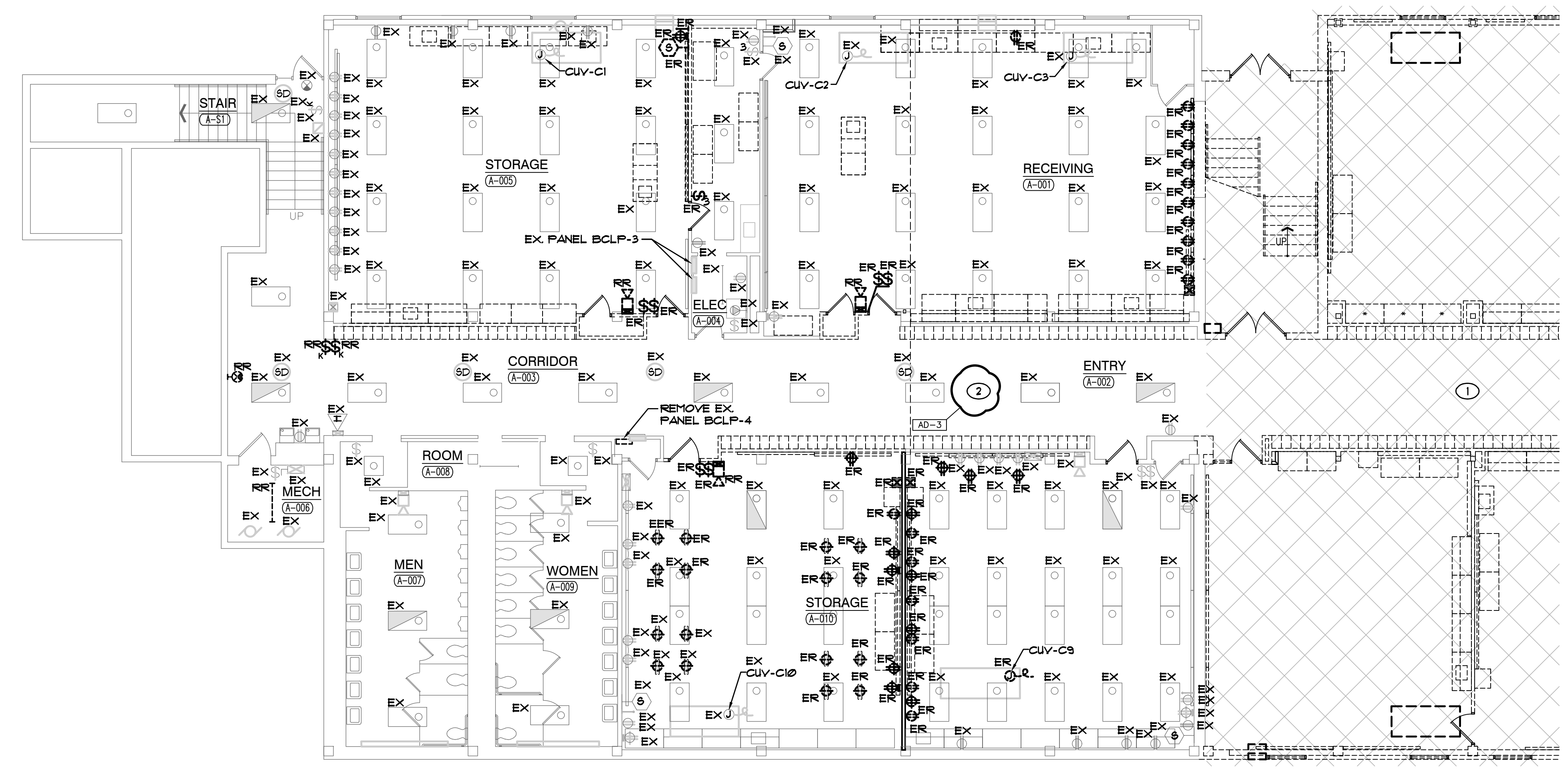


**OVERALL ELECTRICAL LOWER LEVEL FLOOR COMPOSITE PLAN**  
SCALE: 1" = 40'-0"

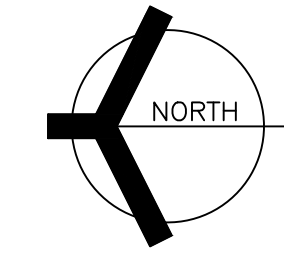


- GENERAL NOTES**
1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
  2. DISCONNECT AND REMOVE EXISTING 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.
  3. CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW VOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILING 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.
  4. ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE REMOVED.
  5. 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.

- SHEET NOTES**
1. DISCONNECT EXISTING CIRCUITRY AS REQUIRED TO FACILITATE DEMOLITION OF EXISTING BUILDING. ABANDONED CIRCUITRY SERVING LOADS WHICH HAVE BEEN DEMOLISHED SHALL HAVE WIRING REMOVED BACK TO SOURCE, AND SOURCE BREAKER LABELED AS SPARE. EXISTING CIRCUITRY INTERRUPTED BY BUILDING DEMOLITION WHICH HAS BEEN DISCONNECTED SHALL BE RECONNECTED AS REQUIRED. CIRCUITRY SERVED BY PANELS IN DEMOLISHED PORTION OF BUILDING SHALL BE EXTENDED TO EXISTING NEARBY PANEL WITH AVAILABLE SPACE. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN THE FIELD.
  2. REMOVE AND RELOCATE CEILING DEVICES AND LIGHTING AS REQUIRED TO ACCOMMODATE NEW VESTIBULE WORK.



**ELECTRICAL LOWER LEVEL FLOOR DEMOLITION PLAN SOUTH**  
SCALE: 1/8" = 1'-0"



PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT: 21-115  
DATE: 04/15/22  
COORDINATED BY: SM  
DRAWN BY: AG  
CHECKED BY: DJ

COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS	MARK	DATE	ISSUED FOR
	AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**ELECTRICAL LOWER LEVEL DEMOLITION PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AR ED110**

Thursday, 5/12/2022 12:46 PM - LAST SAVED BY: AGIDDUMB  
K:\2022\2201005 CP ADMIN CENTER\3.0 DRAWINGS\ED110.DWG



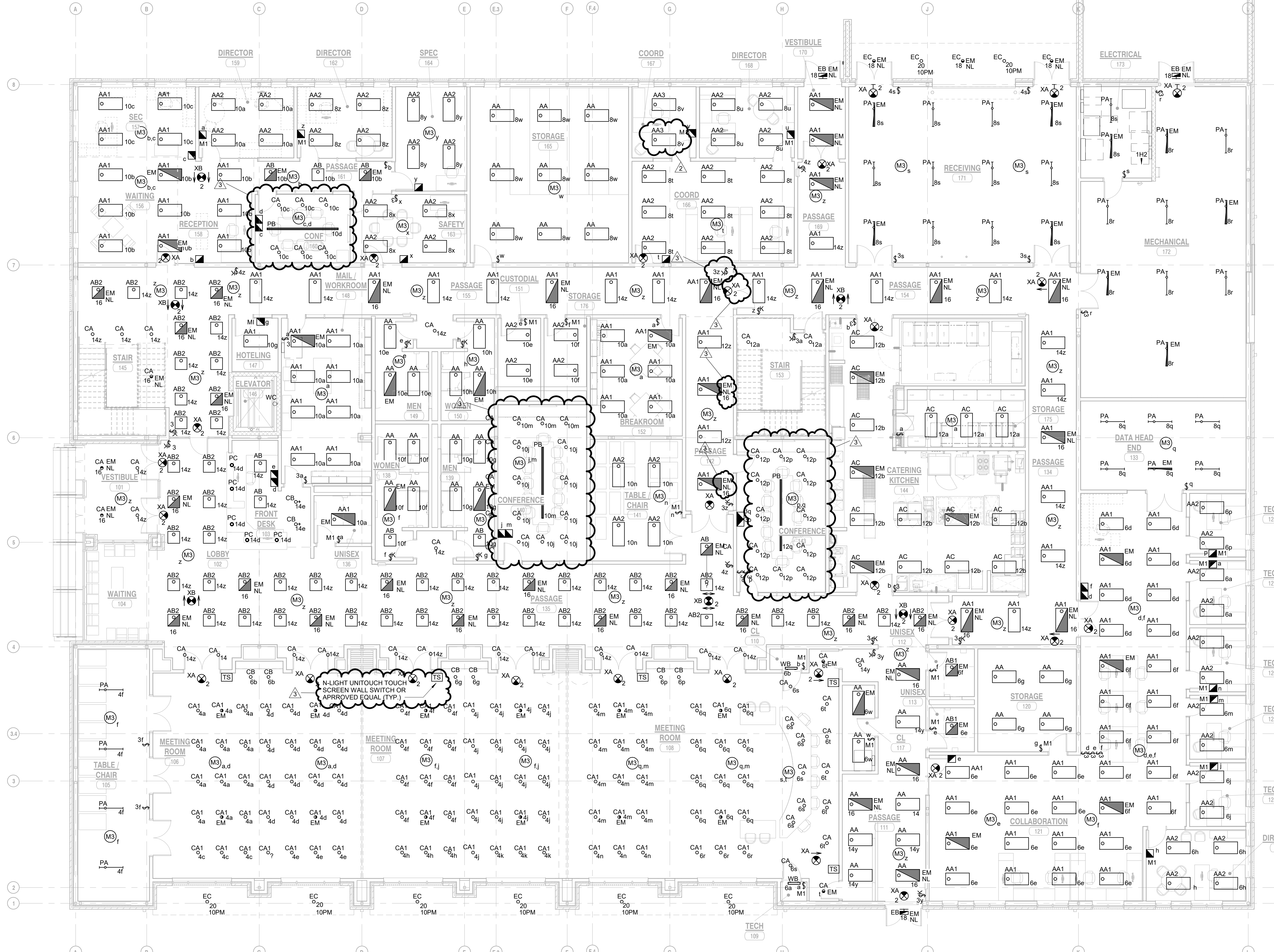
**GIBALTAR**  
DESIGN  
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN



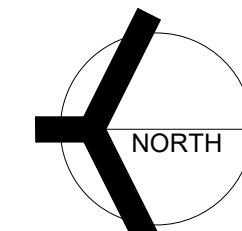
PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GENERAL NOTES**

- ALL DEVICES SHALL BE CIRCUITED TO PANEL 1H2 UNLESS OTHERWISE NOTED.
- 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.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
- ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.



**FIRST FLOOR ELECTRICAL LIGHTING PLAN**  
1/8" = 1'-0"



**GIBALTAR DESIGN**

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

PROJECT: 21-115  
DATE: 04/15/22  
COORDINATED BY: SM  
DRAWN BY: AG  
CHECKED BY: DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND ARE CREATED FOR USE ON THE SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING:  
**FIRST FLOOR ELECTRICAL LIGHTING PLAN**

PROJECT:  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

SHEET:  
**AD EL101**

5/12/2022 1:13:28 PM C:\Users\bkovacevic\OneDrive\Documents\Crown Point Admin Bldg\_Elec-R20\_bkovevic.rvt





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



PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GIBALTAR DESIGN**

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

PROJECT 21-115  
DATE 04/15/22  
COORDINATED BY SM  
DRAWN BY AG  
CHECKED BY DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR USED IN ANY MANNER WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**FIRST FLOOR ELECTRICAL POWER PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

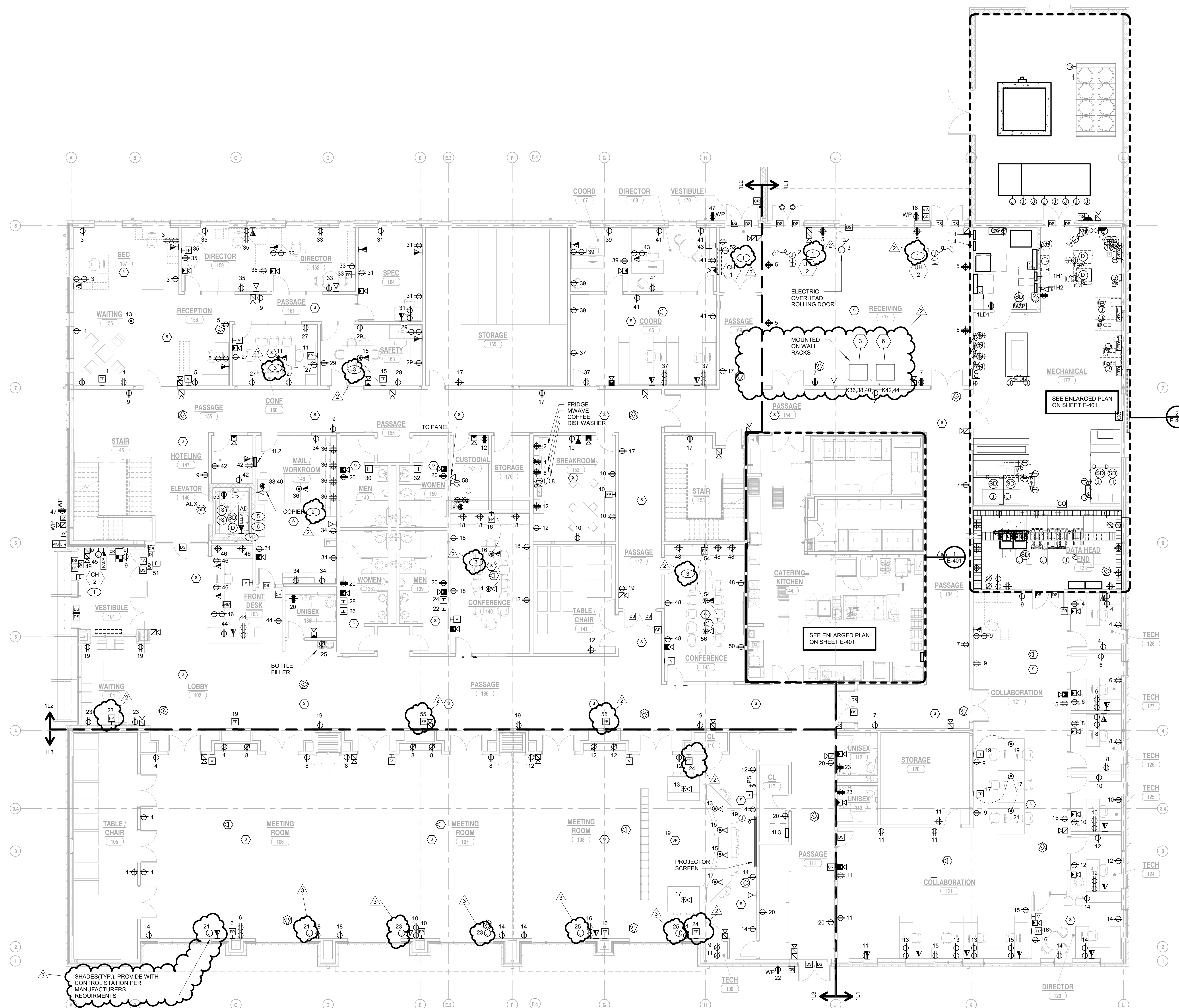
GIBALTAR DESIGN SHEET  
**AD EP101**

**GENERAL NOTES**

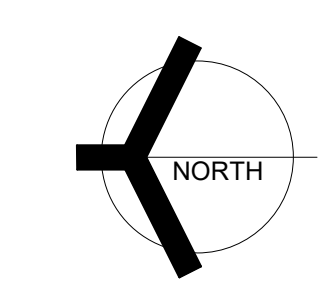
- CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE NOTED.
- PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGH-INS.

**SHEET NOTES**

- REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR CIRCUITING AND WIRING INFORMATION.
- VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
- PROVIDE MINIMUM 3/4" FOR POWER AND 1-1/4" FOR LOW VOLTAGE UNDER FLOOR AND STUBBED UP WITHIN NEW FURNITURE SYSTEM TO NEW POWER AND DATA OUTLET LOCATIONS. ROUTE FMC WITHIN FURNITURE SYSTEM. COORDINATE CONDITIONS AND REQUIREMENTS IN FIELD. COMPLETE AS REQUIRED.
- TELEPHONE JACKS FOR ELEVATOR. CONNECT TO TELEPHONE SYSTEM COMPLETE AS REQUIRED VIA 1/2" CONDUIT TO T.T.B. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD PRIOR TO ROUGH-IN.
- 20A/2P FUSED LOCKABLE DISCONNECT SWITCH FOR ELEVATOR CAB LIGHTING. MOUNT DISCONNECT WITHIN 18" OF DOOR JAMB.
- 60A/3P CIRCUIT BREAKER WITH AUXILIARY SHUNT TRIP. PROVIDE WIRING TO INTERFACE ELEVATOR CONTROLLER AND SHUNT TRIP TO FIRE ALARM SYSTEM AND DETECTORS. COMPLETE AS REQUIRED. SEE DETAILS AND SPECIFICATIONS FOR ADDITIONAL INFORMATION. MOUNT DISCONNECT WITHIN 15" OF DOOR JAMB.



**1 FIRST FLOOR ELECTRICAL POWER PLAN**  
EP101 1/8" = 1'-0"



5/12/2022 1:14:18 PM C:\Users\bkovacevic\OneDrive\Documents\Crown Point Admin Bldg\_Elec-R20\_bkovacevic.rvt



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



PROJECT:

**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, 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  
21-115

DATE  
04/15/22

COORDINATED BY  
SM

DRAWN BY  
AG

CHECKED BY  
DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, INCLUDING PHOTOCOPYING, RECORDING, OR BY ANY INFORMATION STORAGE AND RETRIEVAL SYSTEM, WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**SECOND FLOOR ELECTRICAL POWER PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

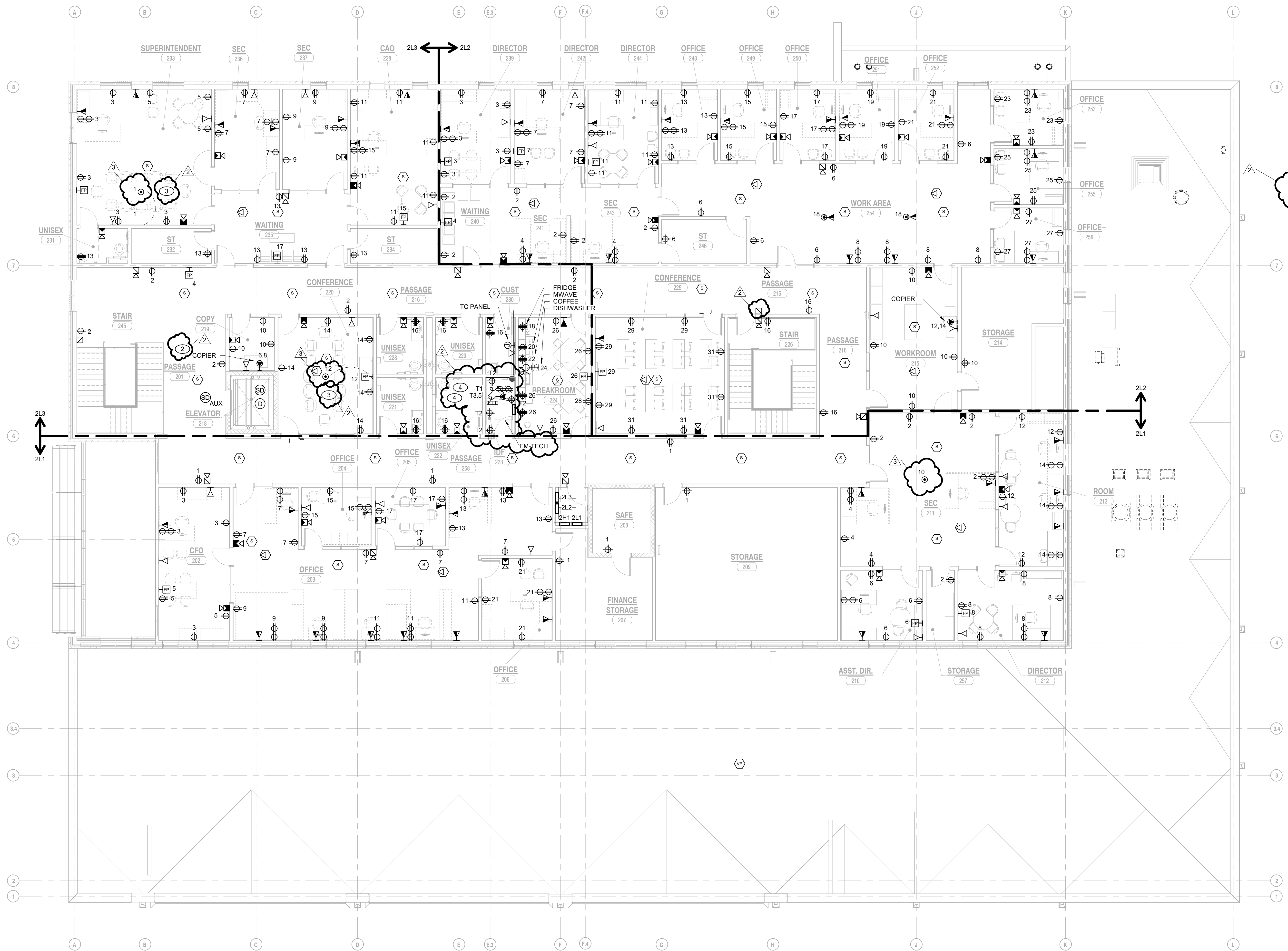
GIBRALTAR DESIGN SHEET  
**AD EP102**

**GENERAL NOTES**

- CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE NOTED.
- ALL DEVICES WITH A "T" PREFIX SHALL BE CIRCUITED TO PANEL EM-TECH.
- 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 ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER, AND DIVISION 27 CONTRACTOR PRIOR TO ROUGH-INS.

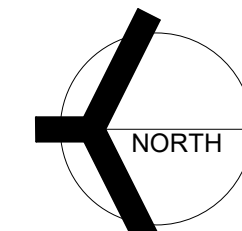
**SHEET NOTES**

- REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR CIRCUITING AND WIRING INFORMATION.
- VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
- PROVIDE MINIMUM 34°C. FOR POWER AND 1-14°C. FOR LOW VOLTAGE UNDER FLOOR AND STUBBED UP WITHIN NEW FURNITURE SYSTEM TO NEW POWER AND DATA OUTLET LOCATIONS. ROUTE FMC WITHIN FURNITURE SYSTEM. COORDINATE CONDITIONS AND REQUIREMENTS WITH FURNITURE SUPPLIER. COMPLETE AS REQUIRED.
- RECEPTACLES MOUNTED TO LADDER RACK OVERHEAD



**1 SECOND FLOOR ELECTRICAL POWER PLAN**

EP102 1/8" = 1'-0"





**GIBRALTAR**  
DESIGN

ARCHITECTURE - ENGINEERING - INTERIOR DESIGN



PROJECT:

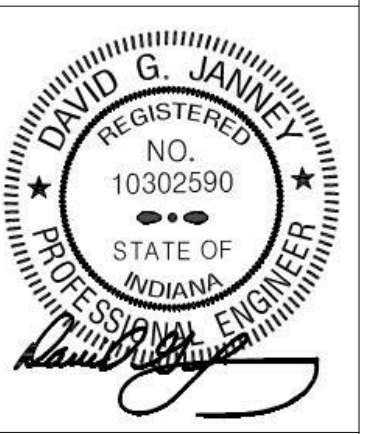
**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, AND  
RELATED WORK**

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  
21-115  
DATE  
04/15/22  
COORDINATED BY  
SM  
DRAWN BY  
AG  
CHECKED BY  
DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR TRANSMITTED IN ANY FORM OR BY ANY MEANS, ELECTRONIC OR MECHANICAL, WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**ROOF ELECTRICAL POWER  
PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE  
EDUCATION & RESOURCE CENTER, AND  
RELATED WORK

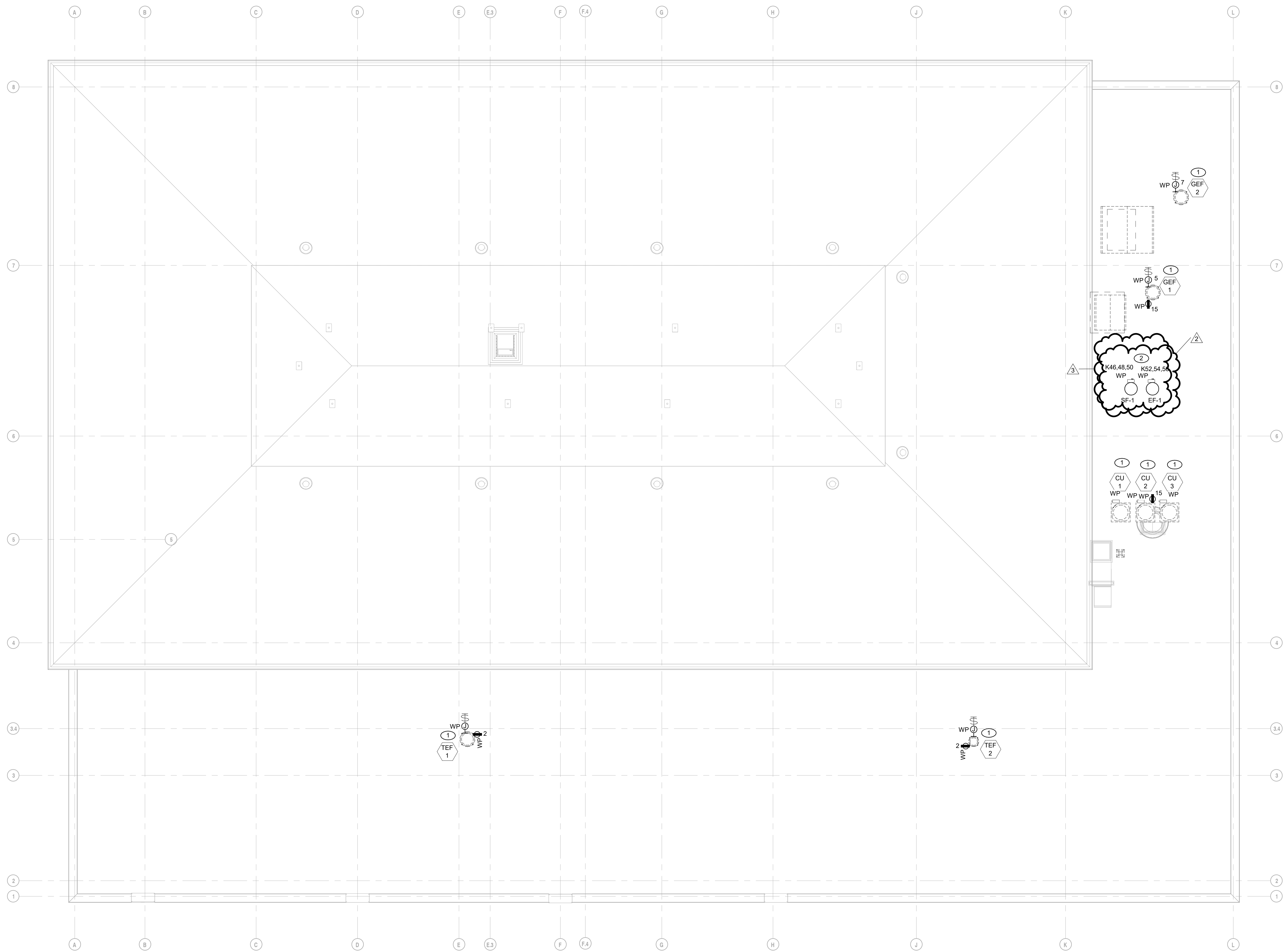
© GIBRALTAR DESIGN SHEET  
**AD EP103**

**GENERAL NOTES**

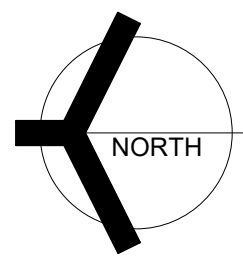
- ALL DEVICES SHALL BE CIRCUITED ACCORDING TO CIRCUIT PREFIX UNLESS OTHERWISE NOTED.

**SHEET NOTES**

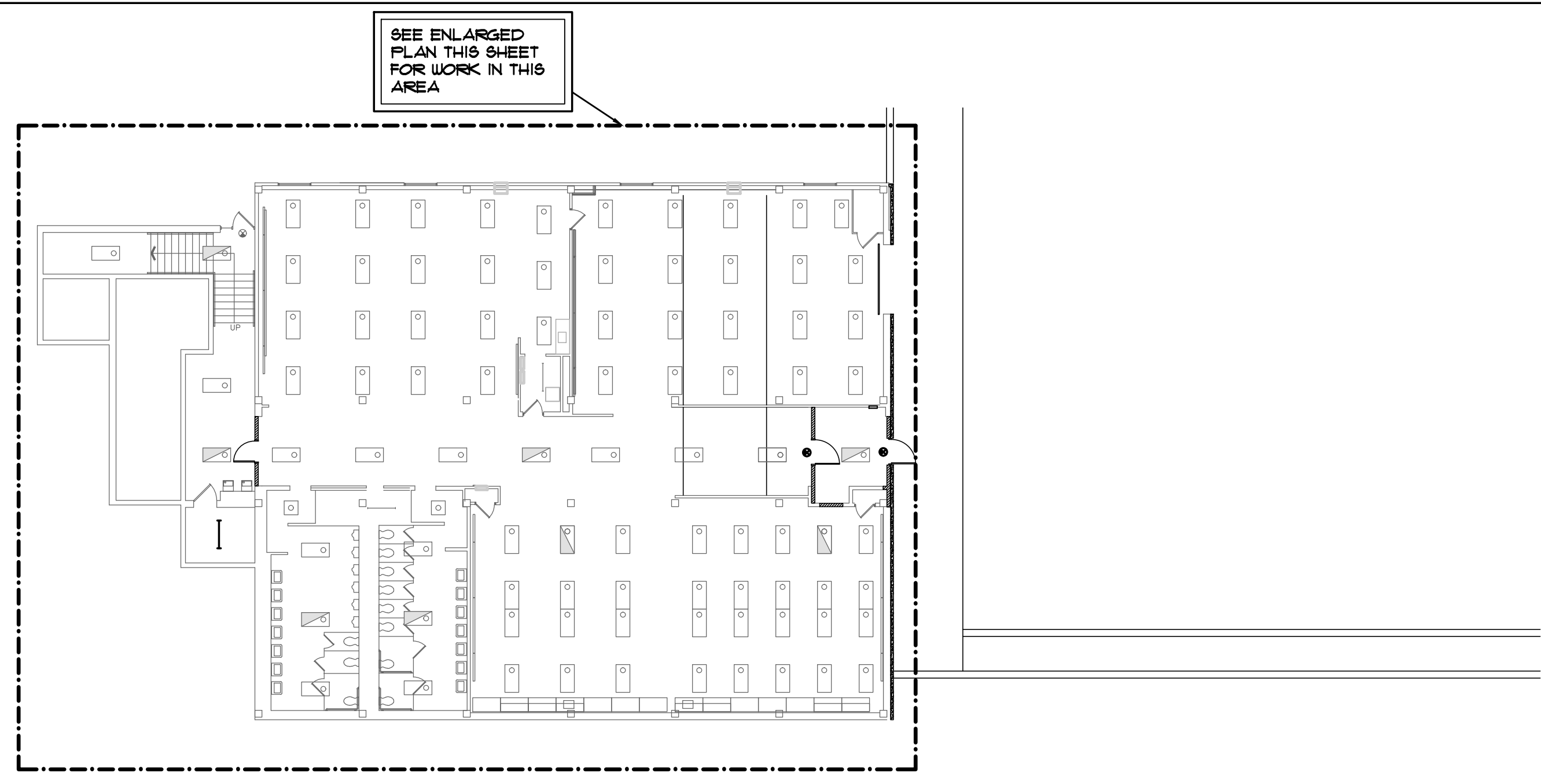
- REFER TO MECHANICAL EQUIPMENT SCHEDULE FOR CIRCUITING AND WIRING INFORMATION.
- COORDINATE ROOFTOP PLACEMENT OF EXHAUST AND MAKE UP AIR FANS, FREEZER/COOLER CONDENSING UNITS WITH KEC.
- LOCATE WEATHERPROOF GFI TYPE RECEPTACLE ON UNIT IN AN APPROVED MANNER, COMPLETE AS REQUIRED.



**1**  
EP103  
ROOF ELECTRICAL POWER PLAN  
1/8" = 1'-0"



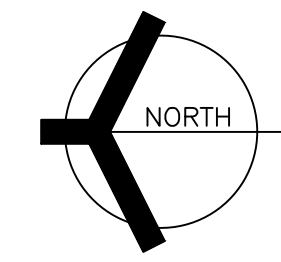
C:\Users\bkovacevic\OneDrive\Documents\Crown Point Admin Bldg\_Elec-R20\_bkovacevic.rvt  
5/12/2022 1:14:20 PM



SEE ENLARGED PLAN THIS SHEET FOR WORK IN THIS AREA

**OVERALL ELECTRICAL LOWER LEVEL FLOOR COMPOSITE PLAN**

SCALE: 1" = 40'-0"



**GENERAL NOTES**

- 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.
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
- ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILING AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
- 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.

**SHEET NOTES**

- RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED. MAXIMUM 44000U PER 211 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 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.



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

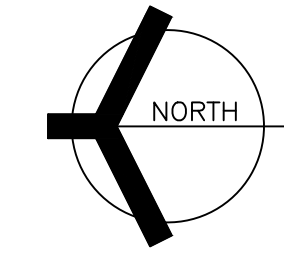


PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA



**ELECTRICAL LOWER LEVEL FLOOR LIGHTING PLAN SOUTH**

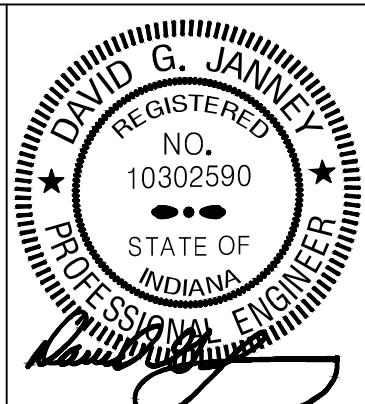
SCALE: 1/8" = 1'-0"



**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: 21-115  
DATE: 04/15/22  
COORDINATED BY: SM  
DRAWN BY: AG  
CHECKED BY: DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**ELECTRICAL LOWER LEVEL LIGHTING PLAN**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**AR EL110**

Thursday, 5/12/2022 12:46 PM - LAST SAVED BY: AGDCUMBE  
K:\2022\2201005 CP ADMIN CENTER\3.0 DRAWINGS\EL110.DWG





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



PROJECT  
**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, AND  
RELATED WORK**

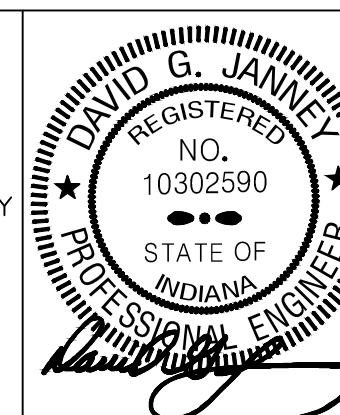
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

KEY PLAN

**GIBALTAR DESIGN**

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

PROJECT  
21-115  
DATE  
04/15/22  
COORDINATED BY  
SM  
DRAWN BY  
AG  
CHECKED BY  
DJ



COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

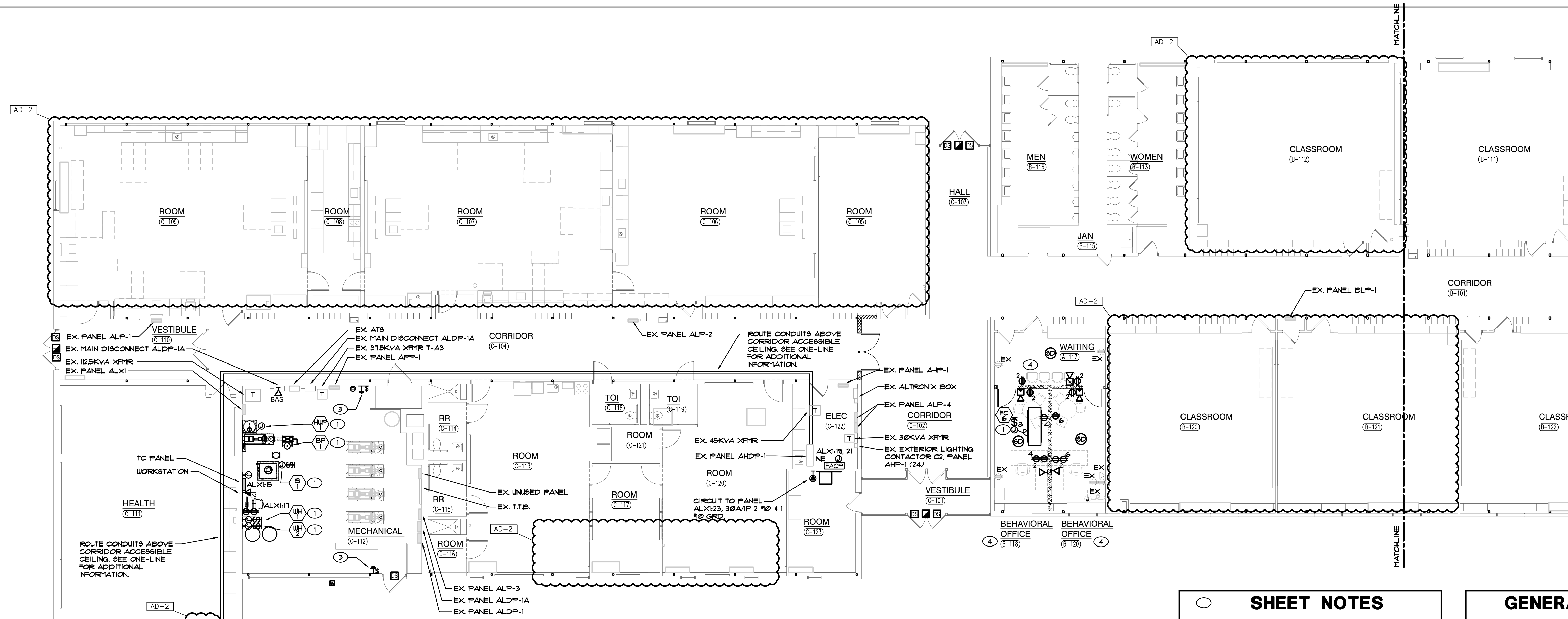
REVISIONS

MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**ELECTRICAL MAIN LEVEL  
POWER PLAN**

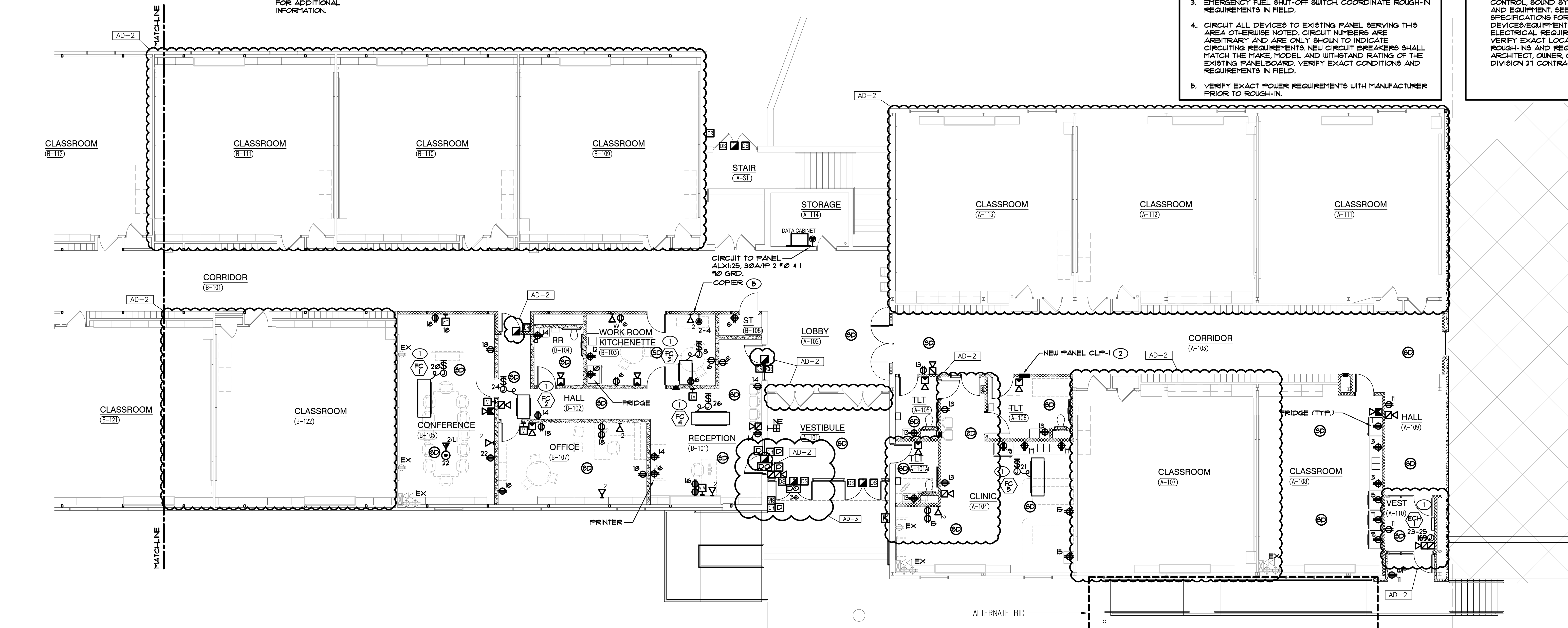
PROJECT  
NEW ADMINISTRATION CENTER,  
ALTERNATIVE EDUCATION & RESOURCE CENTER,  
AND RELATED WORK

GIBALTAR DESIGN SHEET  
**AR EP111**



**ELECTRICAL MAIN LEVEL FLOOR POWER PLAN NORTH**

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



**ELECTRICAL MAIN LEVEL FLOOR POWER PLAN SOUTH**

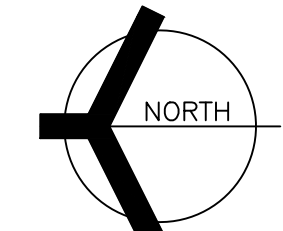
SCALE: 1/8" = 1'-0"

**SHEET NOTES**

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
- RELOCATED EXISTING PANELBOARD TO BE RECESSED IN NEW WALL. EXTEND BRANCH CONDUIT AND WIRING FROM CEILING ABOVE AND IN SLAB PULL BOXES TO PANEL LOCATION AND CONNECT. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
- EMERGENCY FUEL SHUT-OFF SWITCH. COORDINATE ROUGH-IN REQUIREMENTS IN FIELD.
- CIRCUIT ALL DEVICES TO EXISTING PANEL SERVING THIS AREA 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.
- VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.

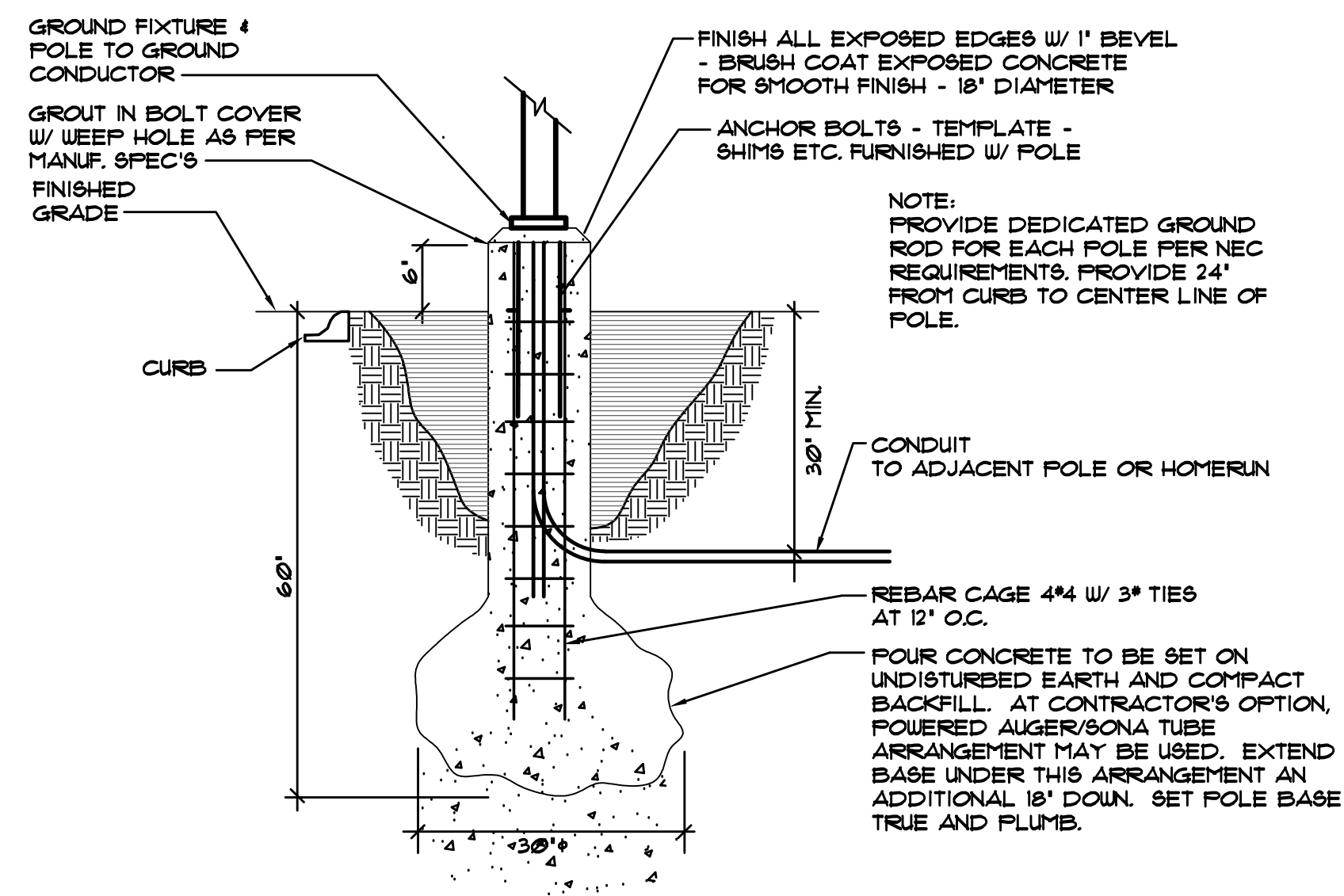
**GENERAL NOTES**

- CIRCUIT ALL DEVICES TO NEW PANEL CLP-1 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 DTYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 21 CONTRACTOR PRIOR TO ROUGHING-IN.

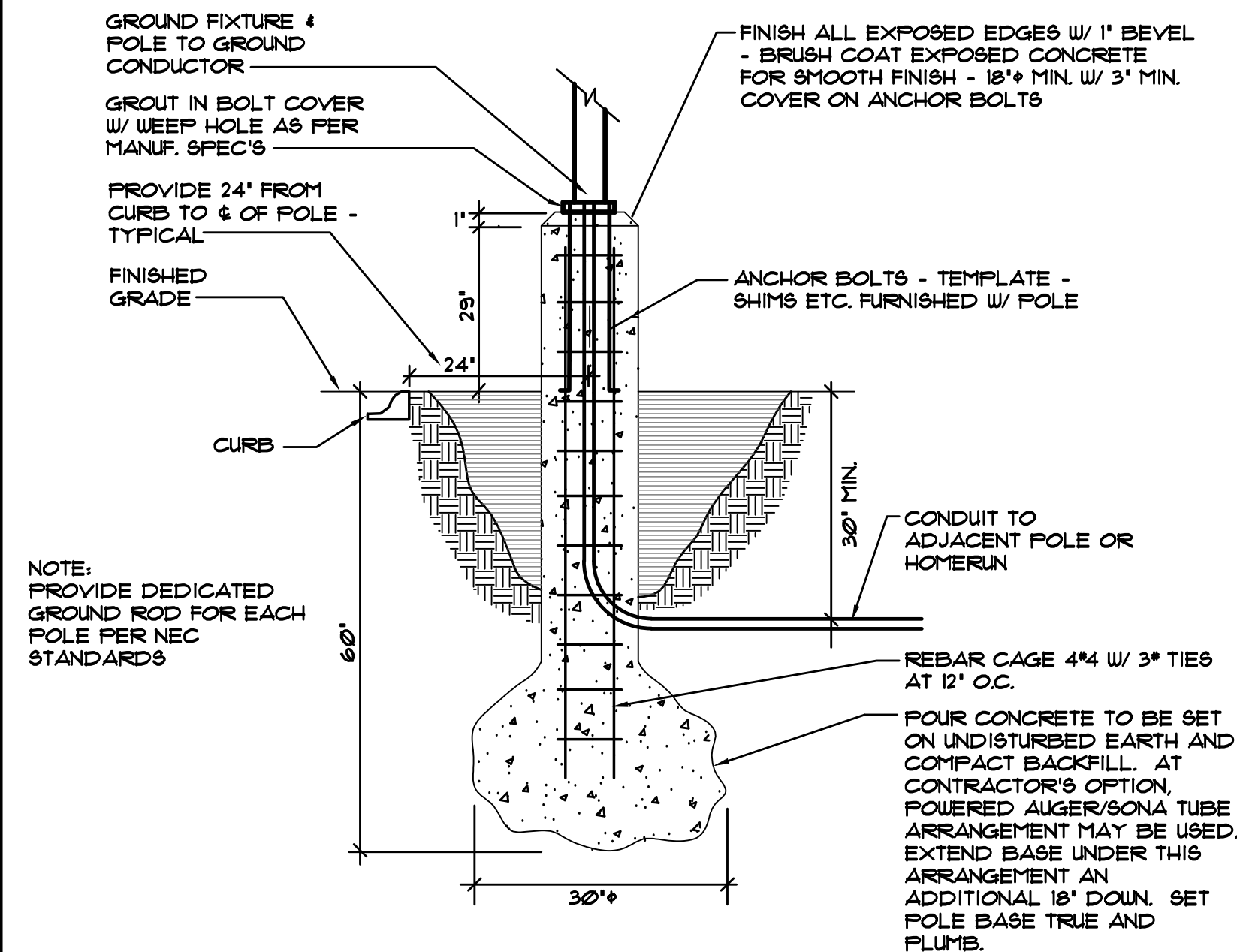


Thursday, 5/12/2022 12:52 PM - LAST SAVED BY: AGIDDUMB  
K:\2022\2201005 CP ADMIN CENTER\3.0 DRAWINGS\EP111.DWG

### 6" POLE BASE DETAIL - GRASSY AREAS



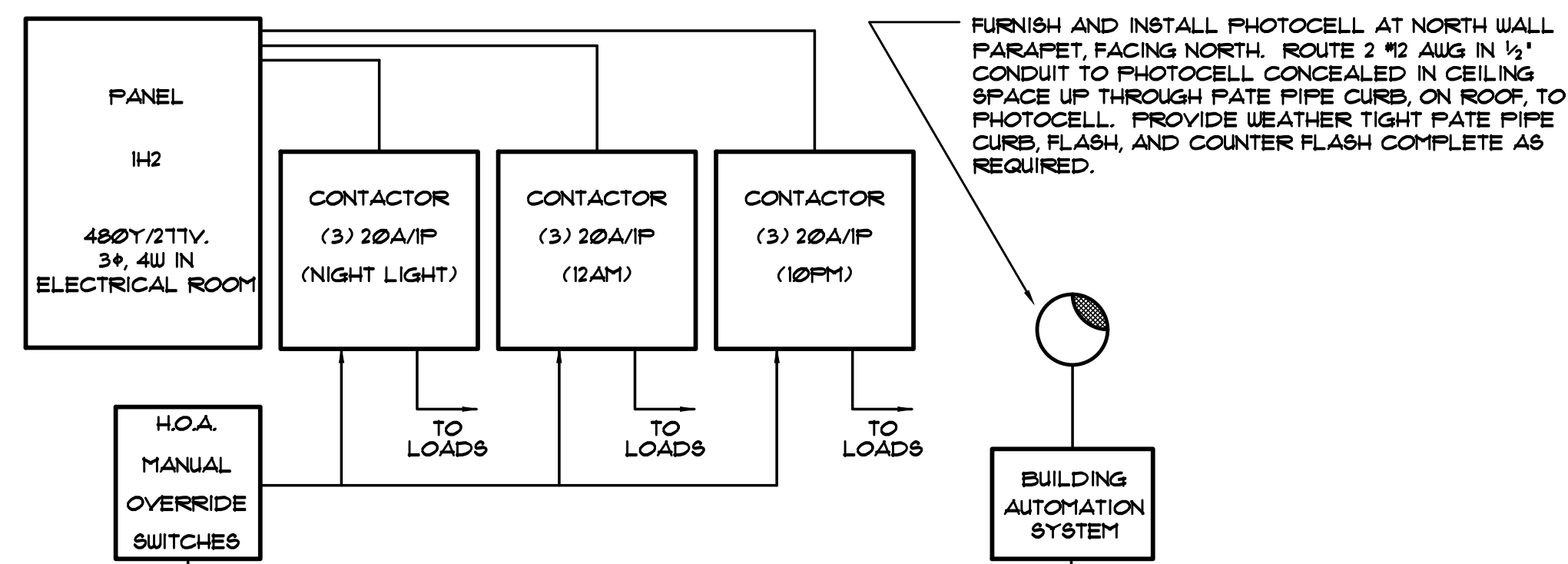
### TYPICAL 30" CONCRETE POLE BASE DETAIL - PARKING LOT AREAS



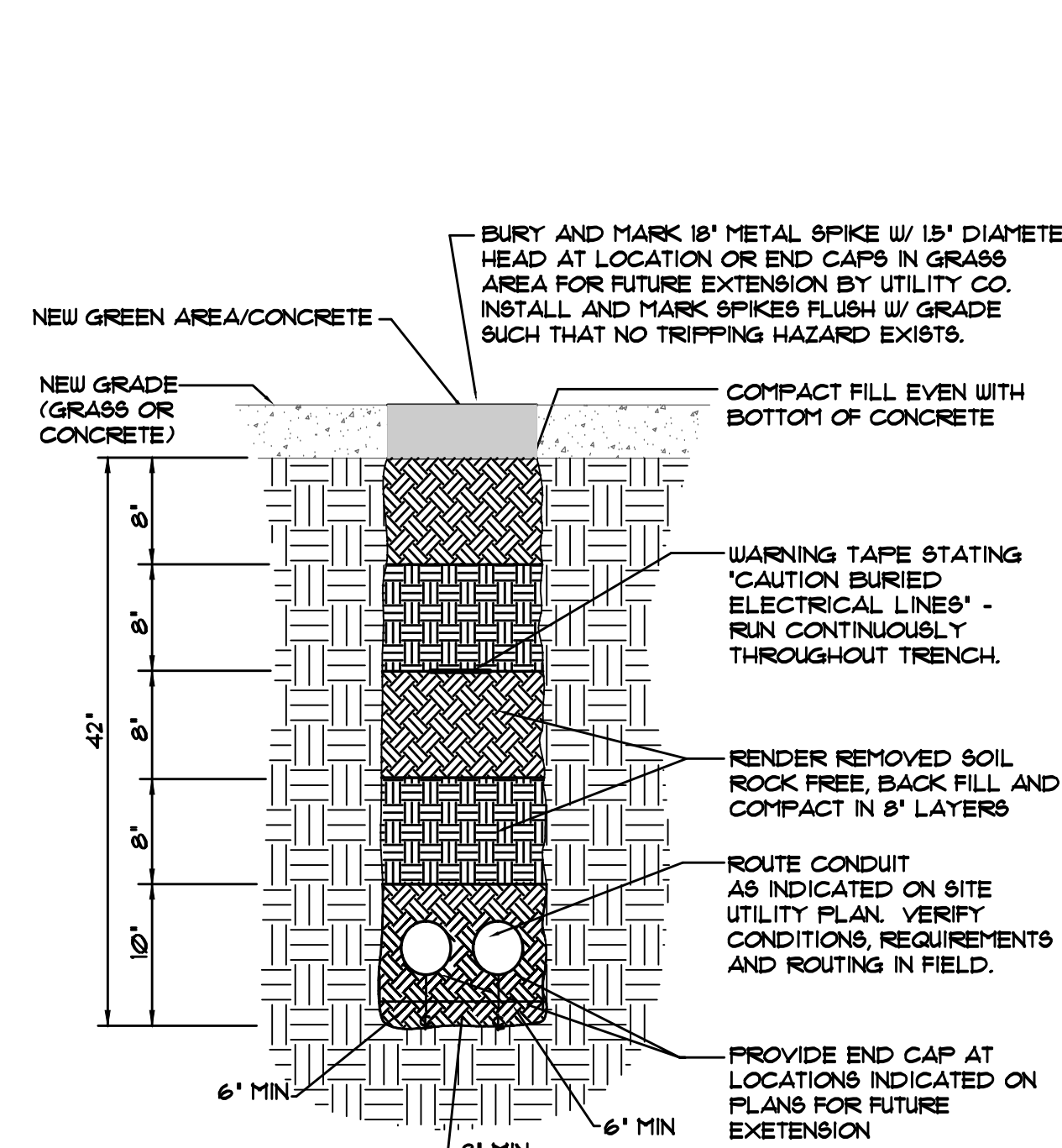
### EXTERIOR LIGHTING LUMINAIRE SCHEDULE

TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
EA	■	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, ROUND ALUMINUM POLE	LITHONIA 108X1 LED-P6-50K-T4M-MVOLT-RFA-DOBXD NO SUBSTITUTIONS	MVOLT	LED 5000K MIN 1933LM MAX 163W	POLE MTD 28'-0" AFG	-
EA1	■	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, ROUND ALUMINUM POLE	LITHONIA 108X1 LED-P6-50K-T3M-MVOLT-RFA-DOBXD NO SUBSTITUTIONS	MVOLT	LED 5000K MIN 1933LM MAX 163W	POLE MTD 28'-0" AFG	-
EA2	■	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, ROUND ALUMINUM POLE	LITHONIA 108X1 LED-P6-50K-T2M-MVOLT-RFA-DOBXD NO SUBSTITUTIONS	MVOLT	LED 5000K MIN 1933LM MAX 163W	POLE MTD 28'-0" AFG	-
EB	■	EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA 108T-P2-50K-VF-211-XX OR APPROVED EQUAL HUBBELL MFP SERIES MCGRAW HILL SERIES	277 VOLT	LED 5000K MIN 3000LM MAX 30W	WALL MTD ABV DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EC	○	LED 6" DOWNLIGHT WITH TRIM FINISH TO BE SELECTED BY ARCHITECT	LITESTRYLTR-6RD-H-8L3L-DM1-IC-LTR-6RD-T-8L-50K8-MD-8 HALO 40615D010 / H1612850 / 6IMDHF SPECTRUM 15G16LED08 SERIES	277 VOLT	LED 5000K MAX 18W MIN 1500LM	RECESSED CANOPY MOUNTED	-VERIFY TRIM FINISH WITH ARCHITECT -IC RATED
EC2	○	LED 6" DOWNLIGHT WITH TRIM FINISH TO BE SELECTED BY ARCHITECT	LITESTRYLTR-6RD-H-8L3L-DM1-IC-LTR-6RD-T-8L-50K8-MD-8 HALO 40615D010 / H1612850 / 6IMDHF SPECTRUM 15G16LED08 SERIES	277 VOLT	LED 5000K MAX 34W MIN 3000LM	RECESSED CANOPY MOUNTED	-VERIFY TRIM FINISH WITH ARCHITECT -IC RATED
EE	■	FLAG POLE LIGHT WITH BALL AND SHIELD	LITHONIA 108XFP3-LED-6-PI-50K-N8F-MVOLT-XX-XX-FV-VS-XX OR APPROVED EQUAL	277 VOLT	LED 5000K MIN 1159 LM MAX 107W	GRADE MTD	-VERIFY FINISH WITH ARCHITECT.
EF	■	BUILDING EXTERIOR LED FLOOD LIGHT	LITHONIA 108XFP2-LED-P2-50K-HHF-MVOLT-XX-XX-UB-XX OR APPROVED EQUAL	277 VOLT	LED 5000K MIN 3000 LM MAX 80W	GRADE MTD	-VERIFY FINISH WITH ARCHITECT.

### ADMIN EXTERIOR LIGHTING CONTROL SEQUENCE DIAGRAM



### TRENCH DETAIL



LEGEND:

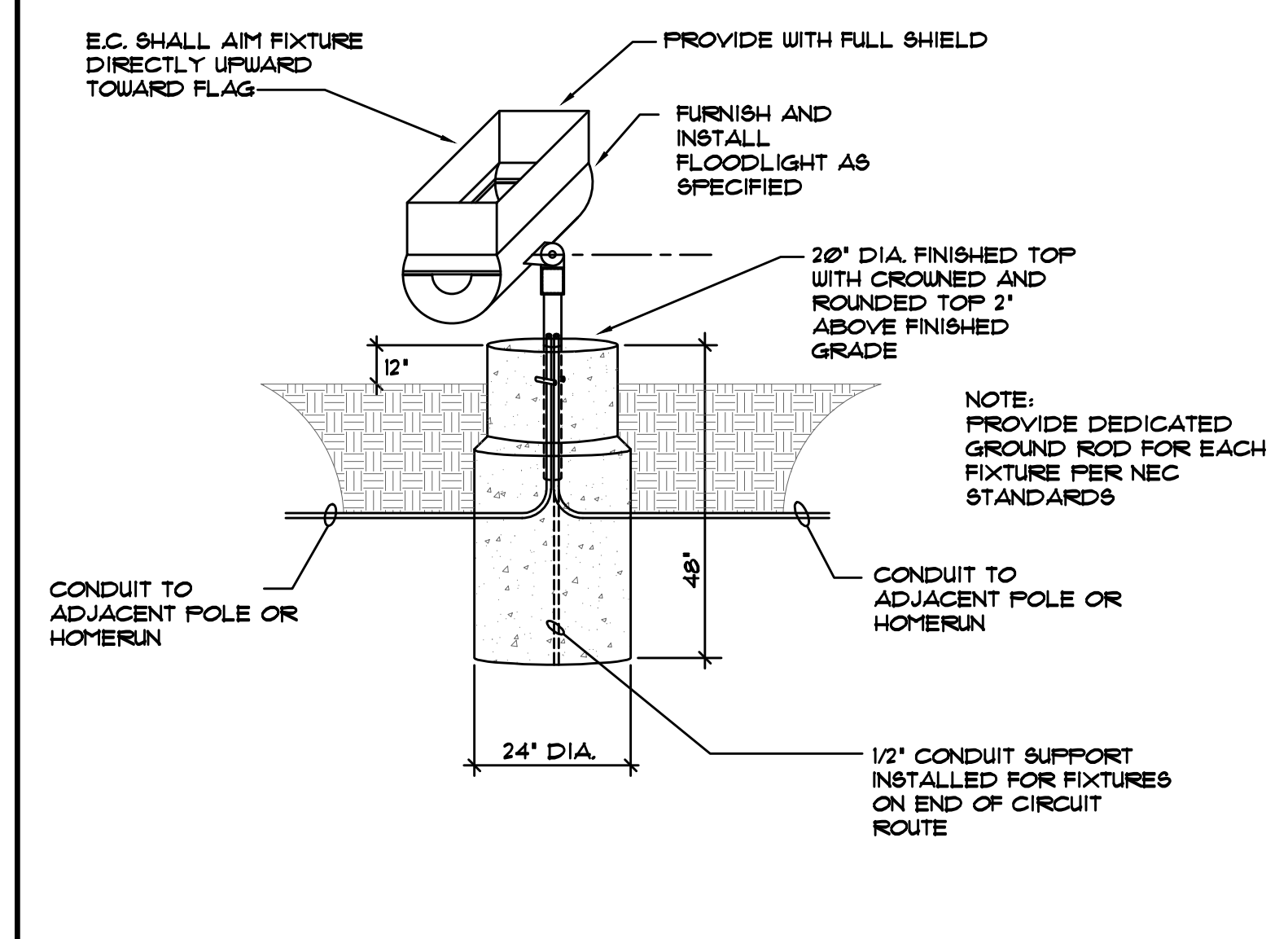
--- INDICATES CONDUIT ROUTED MINIMUM 36" BELOW GRADE AND LISTED FOR DIRECT BURIAL WITH NYLON FILL WIRE. COORDINATE CONDUIT TYPE WITH SPECIFICATIONS. ALL CONDUIT BENDS SHALL BE GALVANIZED RIGID STEEL CONDUIT WITH NO LESS THAN 36" BENDING RADIUS.

[ PROPERLY TERMINATE, CAP AND SPIKE WITH 18" METAL SPIKE W/ 18" DIAMETER FOR FUTURE EXTENSION.

### FIXTURE GENERAL NOTES

- 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.
- 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.
- SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
- EXTERIOR LIGHTING POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE STEEL POLES WITH CAST BASE COVERS AND VIBRATION DAMPERS. THE POLES SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT AT 100 MPH WIND WITH A 13 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.
- CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER. PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYP/CON CEILING. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
- VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING.
- PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
- 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.
- PROVIDE 5000K COLOR TEMPERATURE IN SPECIAL EDUCATION SPACES AS SPECIFIED.
- 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.
- 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.
- CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
- APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: K&A LIGHTING (630.207.6955), FORCE CHICAGO (312.986.1515) OR PG ENLIGHTEN (847.228.1193).
- CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

### TYPE 'EE' INSTALLATION DETAIL



### LIGHTING CONTROL SYSTEM NOTES

- UNLESS NOTED OTHERWISE, THE LIGHTING CONTROL SYSTEM SHALL BE A STAND ALONE SENSOR/SWITCH WIRED SYSTEM COMPLETE WITH OCCUPANCY SENSORS, POWER PACKS, EMERGENCY ACCESSORIES, ETC. SYSTEM TO BE PROVIDED WITH COMPONENTS AND ACCESSORIES AS REQUIRED TO PROVIDE FUNCTIONALITY PER THE CONTRACT DOCUMENTS.
- LIGHTING CONTROL EQUIPMENT WILL BE PROVIDED FROM THE FOLLOWING MANUFACTURERS: EATON CONTROLS, LEVITON OR HUBBELL CONTROLS. THE SUBMITTED LIGHTING CONTROL SYSTEM SHALL PROVIDE FULL LIGHTING CONTROL FUNCTIONALITY AS SPECIFIED.
- BECAUSE OF DIFFERENCES BETWEEN MANUFACTURERS, DIAGRAMS SHOWN ARE DIAGRAMMATIC AND MAY NOT SHOW ALL PARTS AND ACCESSORIES REQUIRED. CONTRACTOR SHALL COORDINATE ALL REQUIREMENTS WITH LIGHTING CONTROL MANUFACTURER AND CONTRACT DOCUMENTS. CONTRACTOR SHALL PROVIDE ALL PARTS AND ACCESSORIES REQUIRED FOR A COMPLETE AND PROPERLY OPERATING SYSTEM AS SHOWN ON CONTRACT DOCUMENTS. VERIFY ALL CONDITIONS AND REQUIREMENTS, COMPLETE AS REQUIRED.
- NO EXTRAS SHALL BE ALLOWED AFTER BIDDING FOR NOT FULLY UNDERSTANDING THE SCOPE OF WORK INVOLVED OR TO FULLY ACCOMPLISH THE SWITCHING SCHEME SHOWN ON THE CONTRACT DOCUMENTS.
- PROVIDE 12 HOURS OF FACTORY COMMISSIONING AND 6 HOURS FACTORY TRAINING FOR THE OWNER'S BUILDING STAFF.
- UL924 BYPASS DEVICES SHALL BE PROVIDED FOR ALL FIXTURES WITH AN EMERGENCY SOURCE OF POWER THAT IS SUITABLE. THE UL924 BYPASS SHALL PROVIDE BYPASS FOR BOTH THE POWER AND CONTROL SIGNAL, COMPLETE AS REQUIRED.
- ALL LOW VOLTAGE CABLING SHALL BE FLENUM RATED. CABLING ROUTED IN CONCEALED AREAS SHALL BE ROUTED NEATLY EXPOSED WITHIN J-HOOKS. CABLING LOCATED IN EXPOSED CEILING SHALL BE CONCEALED IN NEATLY ROUTED CONDUIT. LOW VOLTAGE CABLING INSTALLATION SHALL FULLY MEET LOCAL CODE REQUIREMENTS.



**GIBRALTAR**  
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**MILLIES**  
ENGINEERING GROUP  
2795 9640400  
www.milliesengineeringgroup.com

PROJECT  
NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, AND  
RELATED WORK

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

### KEY PLAN

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

PROJECT  
21-115  
DATE  
04/15/22  
COORDINATED BY  
DAVID G. JANNONE  
REGISTERED  
NO. 10302590  
STATE OF INDIANA  
ENGINEER

COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS  
MARK DATE ISSUED FOR  
AD-3 05/12/22 ADDENDUM NO. 3

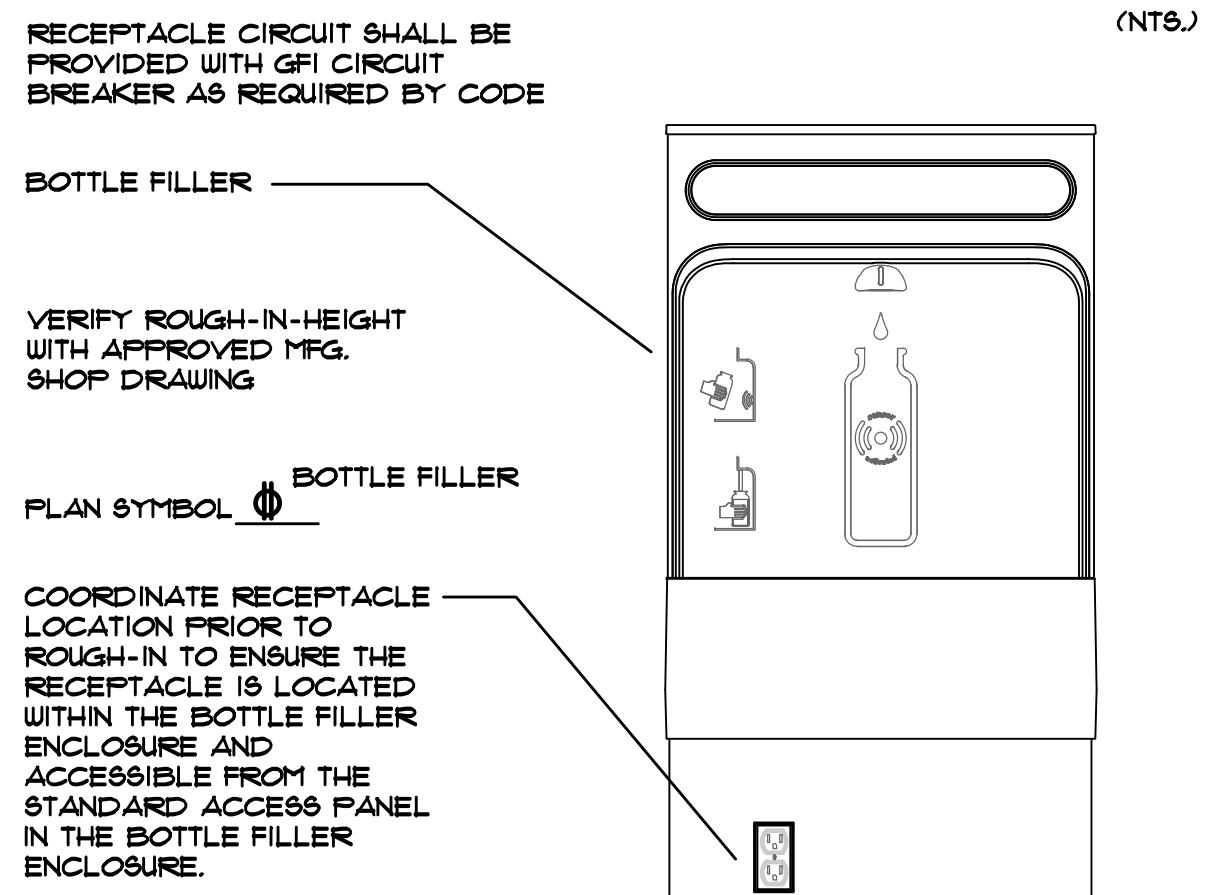
DRAWING  
ELECTRICAL DETAILS,  
DIAGRAMS AND LIGHTING  
FIXTURE SCHEDULE

PROJECT  
NEW ADMINISTRATION CENTER,  
ALTERNATIVE EDUCATION & RESOURCE CENTER,  
AND RELATED WORK

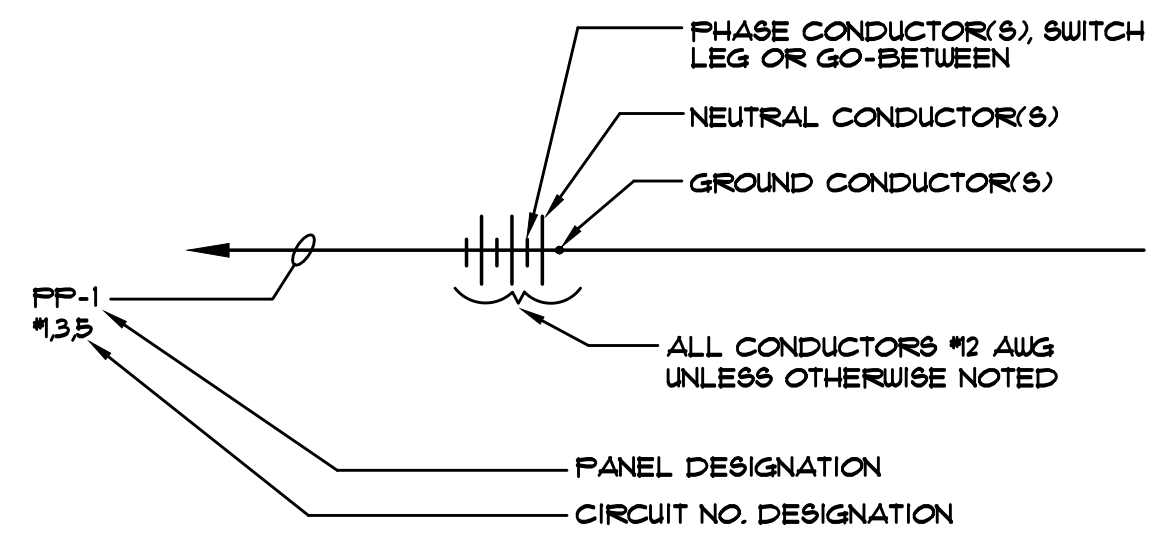
GIBRALTAR DESIGN SHEET

E-502

### BOTTLE FILLER WIRING DETAIL

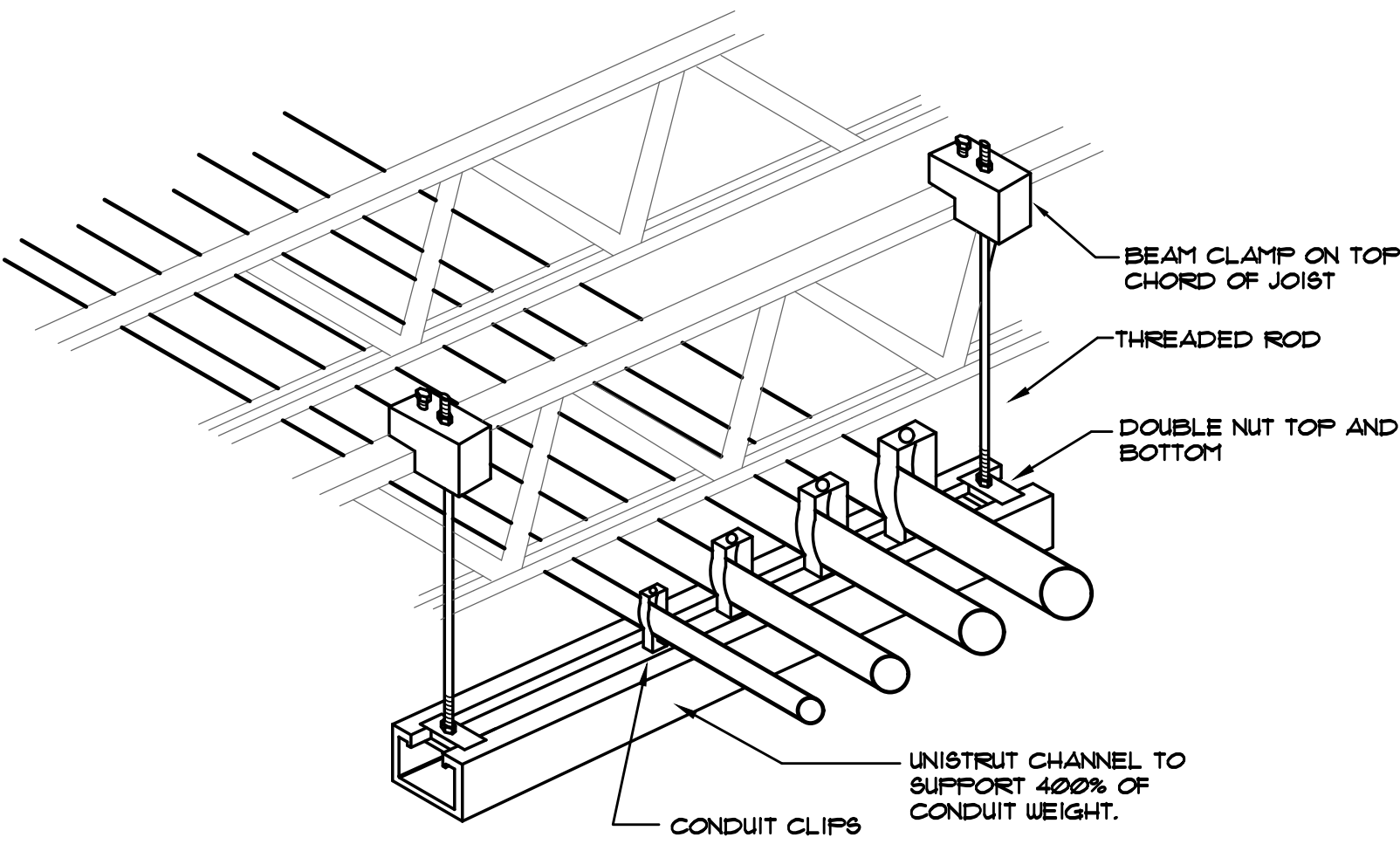


### KEY TO ELECTRICAL CIRCUIT WIRING

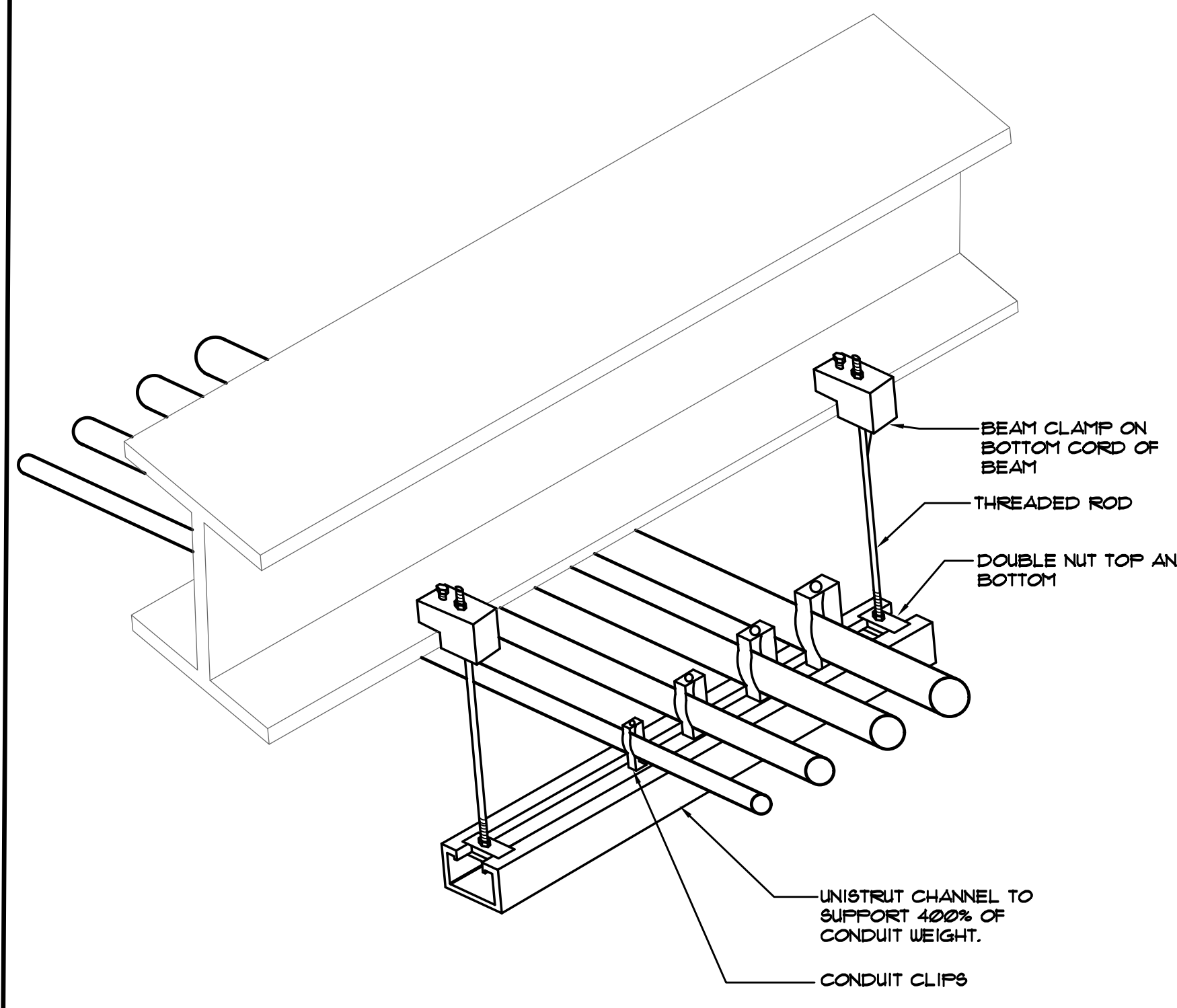


- NOTES:
- ALL WIRING SHALL BE #12 AWG, UNLESS OTHERWISE NOTED.
  - MINIMUM CONDUIT SIZE SHALL BE N<sup>1</sup> EXCEPT FOR THREE (3) WIRES OR LESS, OR CONTROL WIRING WITHIN BUILDINGS, WHICH MAY BE N<sup>1</sup>/<sub>2</sub> CONDUIT.
  - 1/2" FLEXSTEEL, GREENFIELD OR SEALITE SHALL BE THE MINIMUM SIZE INSTALLED.

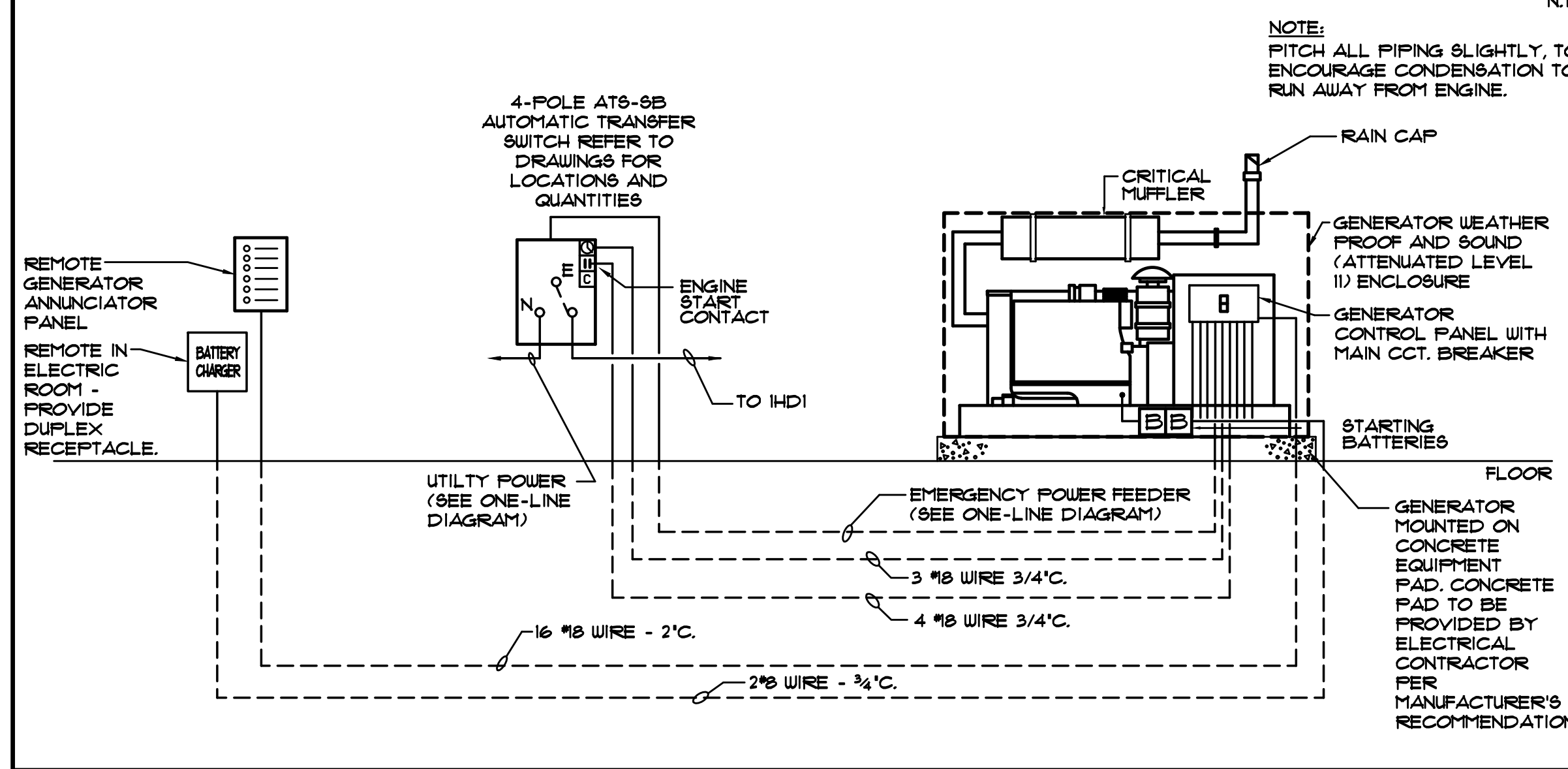
### 2 1/2" AND LARGER CONDUIT SUPPORT DETAIL



### 2 1/2" AND LARGER CONDUIT SUPPORT DETAIL



### EMERGENCY STANDBY GENERATOR WIRING SCHEMATIC



### INTERIOR LIGHTING LUMINAIRE SCHEDULE

TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
AA	○	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA #BLT4-40L-ADP-EZI-LP840 COLUMBIA #LCAT24 SERIES METALUX #24CZ2 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	
AA1	○	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA #BLT4-48L-ADP-EZI-LP840 COLUMBIA #LCAT24 SERIES METALUX #24CZ2 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	
AA2	○	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA #BLT4-60L-ADP-EZI-LP840 COLUMBIA #LCAT24 SERIES METALUX #24CZ2 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 48 W MIN 6000 LM	RECESSED LAY-IN	
AA3	○	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA #BLT4-72L-ADP-EZI-LP840 COLUMBIA #LCAT24 SERIES METALUX #24CZ2 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 61 W MIN 7200 LM	RECESSED LAY-IN	
AB	○	2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA #BLT2-40L-ADP-EZI-LP840 COLUMBIA #LCAT22 SERIES METALUX #22CZ2 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	
AB1	○	2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA #BLT2-48L-ADP-EZI-LP840 COLUMBIA #LCAT22 SERIES METALUX #22CZ2 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	
AB2	○	2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA #BLT2-20L-ADP-EZI-LP840 COLUMBIA #LCAT22 SERIES METALUX #22CZ2 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 16 W MIN 2000 LM	RECESSED LAY-IN	
AC	○	2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA #GTL4-88L-RW-A19IN-VOLT-EZI-LP840-ABC COLUMBIA #LJT24 SERIES METALUX #24L24 SERIES	120/277 VOLT 0-10V DIM	LED 4000K CRI 90 MAX 38 W MIN 4800 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING
CA	○	6" DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA #LD6-40-5-100-AR-L85-MVOLT-EZ10-XX PRESCOLITE #LTR SERIES PORTFOLIO #LD6B SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 18 W MIN 1800 LM	RECESSED LAY-IN DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
CA1	○	6" DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA #LD6-40-20-LO6-AR-L85-MVOLT-EZ10-XX PRESCOLITE #LTR SERIES PORTFOLIO #LD6B SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 22 W MIN 2000 LM	RECESSED LAY-IN DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
CB	○	6" DIAMETER LED WALL MOUNT DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA #LD6-40-5-100-AR-L85-MVOLT-EZ10-XX PRESCOLITE #LTR SERIES PORTFOLIO #LD6B SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 18 W MIN 1800 LM	RECESSED LAY-IN DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
CC	○	6" DIAMETER LED NARROW BEAM DOWNLIGHT	GOTHAM #EVO6-40-30-AR-ND-L85-XX-XX PORTFOLIO #LD6B SERIES CON-TECH #RALF2-6 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 30 W MIN 3000 LM	RECESSED LAY-IN DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
PA	○	4' LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA #CLX-L48-1000LM-SEF-PDL-MVOLT-EZ10-XX PRESCOLITE #LTR SERIES COLUMBIA #IP8 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 50 W MIN 1000 LM	1" CHAIN SUSPEND 10'-0"	-COORD LOCATIONS WITH DUCTWORK & PIPING
FB	○	LED CONTINUOUS PENDANT FIXTURE	MARK ARCHITECTURAL LIGHTING #SLD-LCB-XX-18L8-80CRI-40K-800LMF-MVOLT-XX-XX-2T NULLITE #R22-D-09-L40-UNV-D-RFX-X-TI-48-XX LUMENWERX #1A2PD-HLO-FH-LED-80-800-40-XX-UNV-DI-1-53WAC36-X	120/277 VOLT 0-10V DIM	LED 4000K MIN 800LM/F MAX 8W/F	SUSPENDED 1'-0" BELOW CEILING	-VERIFY FINISH AND SUSPENSION HEIGHT WITH ARCHITECT. PROVIDE LENGTHS AS SHOWN ON DRAWINGS. VERIFY EXACT QUANTITIES WITH DRAWINGS.
FC	○	SUSPENDED LED PENDANT	MARK ARCHITECTURAL LIGHTING #SLD-LCB-XX-18L8-80CRI-40K-800LMF-MVOLT-XX-XX-2T NULLITE #R22-D-09-L40-UNV-D-RFX-X-TI-48-XX LUMENWERX #1A2PD-HLO-FH-LED-80-800-40-XX-UNV-DI-1-53WAC36-X	120/277 VOLT 0-10V DIM	LED 4000K MAX 16W MIN 1100LM	SUSPENDED VERIFY W/ ARCHITECT	-VERIFY FINISH WITH ARCHITECT
WA	○	4' LED WRAPAROUND FIXTURE	LITHONIA #RL40-48-5000LM-835-ZT-MVOLT COLUMBIA #CRU4-L85 METALUX #NLI4040C	277V VOLT	LED 4000K MAX 54 W MIN 5000LM	WALL MTD	-PROVIDE ALL MOUNTING ACCESSORIES -VERIFY FINISH WITH ARCHITECT
WB	○	2' LED WALL MOUNT FIXTURE	LITHONIA #UL2-20-XX-EZ10-XX-XX ARCHER #HUB48-MVOLT-LED40-UID-XX CURTAINITE #HUB56-MVOLT-LED40-UID-XX-X	277V VOLT 0-10V DIM	LED 4000K 2W MIN 2200LM	WALL MOUNTED	
WC	○	LED WALL MOUNT VAPOR TIGHT FIXTURE FOR ELEVATOR PIT	LITHONIA #SVT-L48-4000LM-MVOLT-40K-80CRI-8T8L OR APPROVED EQUAL	120/277 VOLT	LED 4000K MAX 40 W MIN 4000 LM	WALL	-COORDINATE MOUNTING LOCATION WITH ELEVATOR MANUFACTURER
XA	○	SINGLE FACE EXIT WITH NI-CAD BATTERY BACKUP	DUAL-LITE #SE-S-R-X LITHONIA #LE-S-X-1-R-X-EL-N-8D SURE-LITES #CX SERIES	120/277 VOLT	LED MAX 3W	CEILING/WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
XB	○	DUAL FACE EXIT WITH NI-CAD BATTERY BACKUP	DUAL-LITE #SE-D-R-X LITHONIA #LE-S-X-2-R-X-EL-N-8D SURE-LITES #CX SERIES	120/277 VOLT	LED MAX 3W	CEILING/WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
EM	○	FIXTURE ON EMERGENCY CIRCUIT WITH 90 MINUTE, HIGH OUTPUT (MIN 1400LM) BATTERY UNIT OR INVERTER	FIXTURES LESS THAN 10000 LM: BODINE FACTORY INSTALLED BATTERY OR AT CONTRACTOR'S DISCRETION, MYERS LV SERIES INVERTER (SIZE AND QUANTITY AS REQUIRED) FIXTURES GREATER THAN 10000LM: MYERS LV SERIES INVERTER (SIZE AND QUANTITY AS REQUIRED)	120/277 VOLT	-	IN FIXTURE/REMOTE	-PROVIDE TEST SWITCH AND CHARGING INDICATOR -INTEGRAL BATTERIES NOT ALLOWED IN FIXTURES WITH GREATER THAN 10000 LUMENS
NL	○	CONSTANT HOT, UNSWITCHED NIGHT LIGHT FIXTURE					



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



PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

### KEY PLAN

**GIBRALTAR DESIGN**

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

PROJECT: 21-115  
DATE: 04/15/22  
COORDINATED BY: SM  
DRAWN BY: AG  
CHECKED BY: DJ

COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS	MARK	DATE	ISSUED FOR
	AD-2	05/05/22	ADDENDUM NO. 2
	AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**ELECTRICAL DETAILS, DIAGRAMS AND LIGHTING FIXTURE SCHEDULE**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBRALTAR DESIGN SHEET

**E-503**

NEW PANEL CLP-1													
TOTAL KW: 28.9		ENCLOSURE: NEMA-1		PHASE: 3Φ		VOLTAGE: 120 / 208							
MOUNTING SURFACE		BUSBARRING: COPPER		FAULT CURRENT RATING: 22,000 AIC		MLO (AMPS): 120							
FEEDER: 4 #10 @ 1 1/2 GRD. - 2 1/2"		LOCATION: CORRIDOR A-103											
LOAD DESCRIPTION	TRIP	POLE	LOAD			LOAD			TRIP	POLE	LOAD DESCRIPTION		
			AΦ	BΦ	CΦ	AΦ	BΦ	CΦ					
FRIDGE - 103	20	1	1000			1	2	1200	20	1	REC - COPIER B103		
ABV. CTR. - 103	20	1	400			3	4	1200	20	2	REC - WORK RM AREA		
FRIDGE - 103	20	1	1000			5	6	1200	20	1	REC - FRIDGE B103		
FRIDGE - 103	20	1	1000			9	10	1000	20	1	REC - FRIDGE B103		
REC - VEST AREA	20	1	600			11	12	400	20	1	REC - ABV. CTR. B103		
REC - CLINIC AREA	20	1	800			13	14	800	20	1	REC - RECEPTION AREA		
REC - CLINIC - ABV. CTR.	20	1	800			15	16	800	20	1	REC - RECEPTION DESK		
REC - CLINIC FRIDGE	20	1	1000			17	18	1000	20	1	REC - OFFICE B101		
REC - CLINIC FRIDGE	20	1	1000			19	20	132	20	1	FC-1		
REC - CLINIC FRIDGE	20	1	1000			21	22	800	20	1	REC - CONF B105		
ECH-1	30		2400			23	24	132	20	1	FC-2		
SPARE	20	1				25	26	400	20	1	RECEPS - ROOF		
SPARE	20	1				27	28	528	20	1	TEF-1		
SPARE	20	1				31	32	636	20	1	TEF-2		
SPARE	20	1				33	34	116	20	1	DOOR OPERATORS		
SPARE	20	1				35	36	1200	20	1	SPARE		
SPARE	20	1				37	38	20	20	1	SPARE		
SPARE	20	1				39	40	20	20	1	SPARE		
SPARE	20	1				41	42	20	20	1	SPARE		
			6200	2932	4420				4892	5316	5060		
											A = 11,092		
											B = 8,308		
											C = 9,460		
											TOTAL = 28,860		

EX. PANEL ALX1													
TOTAL KW: 53.1		ENCLOSURE: NEMA-1		PHASE: 3Φ		VOLTAGE: 120 / 208							
MOUNTING SURFACE		BUSBARRING: COPPER		FAULT CURRENT RATING: EXISTING AIC		MLO (AMPS): 200							
FEEDER: 4 #10 @ 1 1/2 GRD. - 2"		LOCATION: MECHANICAL A-103											
LOAD DESCRIPTION	TRIP	POLE	LOAD			LOAD			TRIP	POLE	LOAD DESCRIPTION		
			AΦ	BΦ	CΦ	AΦ	BΦ	CΦ					
EXISTING LOAD	20	1				30	2		20	1	EXISTING LOAD		
EXISTING LOAD	20	1				3	4		20	1	EXISTING LOAD		
EXISTING LOAD	20	1				5	6		20	1	EXISTING LOAD		
EXISTING SUMP	30					7	8		30		EXISTING SUMP		
EXISTING LOAD	20	1				9	10		20	1	EXISTING LOAD		
EXISTING LOAD	20	1				11	12		20	1	EXISTING LOAD		
TC PANEL	20	1	600			13	14		20	1	EXISTING LOAD		
WORKSTATION	20	1	400			15	16		20	1	EXISTING LOAD		
UH-1	20	1	1200			17	18		20	1	EXISTING SUMP		
UH-2	20	1	1200			19	20		20	1	EXISTING SUMP		
DATA CABINET - A115	30	1	2880			21	22		30	1	EXISTING SUMP		
DATA CABINET - A114	30	1	2880			23	24		30	1	EXISTING SUMP		
EXISTING SPARE	20	1				25	26	3000	40		LIFT PUMP CONTROLS		
B-1	20	1				27	28	3000	40		EXISTING SPARE		
BP-1	15		791			29	30	4300	50		LIFT PUMP CONTROLS		
BP-1	3		791			31	32	4300	50		EXISTING SPARE		
BP-1	3		791			33	34	4300	50		EXISTING SPARE		
HUP-1	50		2902			35	36	4300	50		EXISTING SPARE		
HUP-1	3		2902			37	38	4300	50		LIFT PUMP		
HUP-1	3		2902			39	40	4300	50		LIFT PUMP		
HUP-1	3		2902			41	42	4300	50		LIFT PUMP		
			1113	5493	8653				2600	1600	1600		
											A = 16,313		
											B = 11,093		
											C = 20,253		
											TOTAL = 53,719		

ADMIN MECHANICAL EQUIPMENT CONNECTION SCHEDULE																			
TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER			STARTER BY:	LOCATION	REMARKS	
		WATTS	HP	MCA	FLA	AMPS							C/B	C	MC				EC
C-1	AIR COOLED CHILLER	170232	-	205	-	-	225	480	3	IHD1	-	225A/3P	4 #4 @ 1 1/2 GRD.	2-1/2"	X	-	-		
B-1	BOILER	1680	-	-	14	-	20	120	1	IL4	1	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
B-2	BOILER	1680	-	-	14	-	20	120	1	IL4	3	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
AH-1	AIR HANDLER	63526	-	77	-	-	110	480	3	IHD1	-	110A/3P	4 #4 @ 1 1/2 GRD.	1-1/2"	X	-	-		
ER-1	EXHAUST RELIEF FAN	26158	-	32	-	-	45	480	3	IHI	1-3-5	45A/3P	4 #4 @ 1 1/2 GRD.	1"	X	-	-		
AH-2	AIR HANDLER	20552	-	25	-	-	35	480	3	IHI	2-4-6	35A/3P	4 #4 @ 1 1/2 GRD.	3/4"	X	-	-		
ER-2	EXHAUST RELIEF FAN	3986	3	-	-	-	-	480	3	IHI	8-10-12	15A/3P	4 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
TEF-1	TOLIET EXHAUST FAN	2801	2	-	-	-	-	208	3	IL3	1-3-5	15A/3P	4 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
TEF-2	TOLIET EXHAUST FAN	636	1/4	-	-	-	-	120	1	IL3	7	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	-	X	-		
GEF-1	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	IL4	5	25A/1P	2 #2 @ 1 1/2 GRD.	3/4"	-	X	-		
GEF-2	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	IL4	7	25A/1P	2 #2 @ 1 1/2 GRD.	3/4"	-	X	-		
CH-1	CABINET HEATER	636	1/4	-	-	-	-	15	120	1	IL2	43	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	-	-	-	
CH-2	CABINET HEATER	636	1/4	-	-	-	-	15	120	1	IL2	50	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	-	-	-	
UH-1	UNIT HEATER	216	-	2	-	-	-	15	120	1	IL1	22	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	-	-	-	
UH-2	UNIT HEATER	216	-	2	-	-	-	15	120	1	IL1	12	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	-	-	-	
AC-1	AIR CONDITIONER	8684	-	42	-	-	45	208	1	IL4	25-27	45A/2P	3 #6 @ 1 1/2 GRD	3/4"	-	-	-		
AC-2	AIR CONDITIONER	8684	-	42	-	-	45	208	1	IL4	29-31	45A/2P	3 #6 @ 1 1/2 GRD	3/4"	-	-	-		
AC-3	AIR CONDITIONER	8684	-	42	-	-	45	208	1	IL4	33-35	45A/2P	3 #6 @ 1 1/2 GRD	3/4"	-	-	-		
CU-1	CONDENSING UNIT	13120	-	-	15.8	-	-	480	3	IHI	43-45-47	20A/3P	4 #2 @ 1 1/2 GRD	3/4"	-	-	-		
CU-2	CONDENSING UNIT	13120	-	-	15.8	-	-	480	3	IHI	49-51-53	20A/3P	4 #2 @ 1 1/2 GRD	3/4"	-	-	-		
CU-3	CONDENSING UNIT	13120	-	-	15.8	-	-	480	3	IHI	55-57-59	20A/3P	4 #2 @ 1 1/2 GRD	3/4"	-	-	-		
BP-1	BOILER PUMP	1744	1	-	-	-	-	480	3	IHI	7-9-11	15A/3P	4 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
BP-2	BOILER PUMP	1744	1	-	-	-	-	480	3	IHI	13-15-17	15A/3P	4 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
HUP-1	HOT WATER DISTRIBUTION PUMP	6311	5	-	-	-	-	480	3	IHI	19-21-23	20A/3P	4 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
HUP-2	HOT WATER DISTRIBUTION PUMP	6311	5	-	-	-	-	480	3	IHI	25-27-29	20A/3P	4 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
CP-1	CHILLER PUMP	3986	3	-	-	-	-	480	3	IHI	14-16-18	15A/3P	4 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
CWP-1	CHILLED WATER PUMP	3986	3	-	-	-	-	480	3	IHI	31-33-35	15A/3P	4 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
CWP-2	CHILLED WATER PUMP	3986	3	-	-	-	-	480	3	IHI	37-39-41	15A/3P	4 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
DBP-1	DOMESTIC BOOSTER PUMP	2826	-	-	-	-	-	480	(2) 3	IHI	VARIABLE	15A/3P	4 #2 @ 1 1/2 GRD.	3/4"	X	-	PROVIDE TWO (2) CONNECTIONS		
TWH-1	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	IL4	9	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	-	-	-		
TWH-2	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	IL4	9	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	-	-	-		
RCP-1	TANKLESS WATER HEATER	528	1/6	-	-	-	-	120	1	IL4	11	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
WS-1	WATER SOFTENER	800	-	-	-	-	-	120	1	IL4	13	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X	-	-		

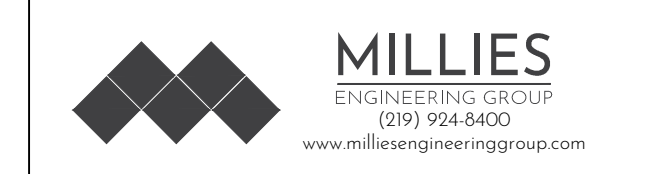
TAFT MECHANICAL EQUIPMENT CONNECTION SCHEDULE																			
TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER			STARTER BY:	LOCATION	REMARKS	
		WATTS	HP	MCA	FLA	AMPS							C/B	C	MC				EC
B-1	BOILER	1680	-	-	14	-	20	120	1	ALX1	29	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
FC-1	FAN COIL	720	-	6	-	-	15	120	1	CLP1	20	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
FC-2	FAN COIL	468	-	3.5	-	-	15	120	1	CLP1	24	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
FC-3	FAN COIL	468	-	3.5	-	-	15	120	1	CLP1	8	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
FC-4	FAN COIL	732	-	6.1	-	-	15	120	1	CLP1	26	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
FC-5	FAN COIL	732	-	6.1	-	-	15	120	1	CLP1	21	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X	-	-		
FC-6	FAN COIL	732	-	6.1	-	-	15	120	1	BLP1	8	20A/1P	2 #2 @ 1 1/2 GRD.	3/4"	X				

AD-3

EQUIPMENT				ELECTRICAL							REMARKS	
ITEM NUMBER	QUANTITY	DESCRIPTION	MANUFACTURER	MODEL	ITEM NUMBER	VOLTAGE	PHASE	AMPS	HP	CONN.		AFF
1	1	WALK-IN COOLER/FREEZER	KOLPAK	CUSTOM	1	120	1	200		D	DFA	WIRE THRU LIGHTS, SWITCH, DOOR AND DRAIN LINE HEATERS. SEE K400 SHEETS FOR ADDITIONAL INFORMATION.
2	1	COOLER BLOWER COIL	PART OF ITEM #1		2	120	1	9.0		D	DFA	SEE K400 SHEETS FOR ADDITIONAL INFORMATION
3	1	COOLER CONDENSING UNIT	PART OF ITEM #1		3	200	3	12	0	D	R00	SEE K400 SHEETS FOR ADDITIONAL INFORMATION
4	1	HI-DENSITY TOP TRACK COOLER SHELVING	INTERMETRO	METROMAX Q	4							
5	1	FREEZER BLOWER COIL	PART OF ITEM #1		5	200	1	9.0		D	DFA	SEE K400 SHEETS FOR ADDITIONAL INFORMATION; PROVIDE ADDITIONAL 120V/160/1 15.0 AMP RECEPTACLE AT 90° FOR HEAT LINE TAPE
6	1	FREEZER CONDENSING UNIT	PART OF ITEM #1		6	200	1	12.6	15	D	8U	SEE K400 SHEETS FOR ADDITIONAL INFORMATION
7	3	FREEZER SHELVING UNIT	INTERMETRO	METROMAX Q	7							
8	1	HI-DENSITY TOP TRACK DRY STORAGE SHELVING	INTERMETRO	METROMAX Q	8							
9	3		INTERMETRO	METROMAX Q	9							
10	1	LINEN STORAGE SHELVING	INTERMETRO	SUPER ERECTA	10							
11	1	ISLAND WORKTABLE W/PREP SINK ST. STL.		CUSTOM	11	120	1	16.0		P	8U	(5) DCO PROVIDED ON TABLE; INCLUDES POWER FOR MIXER AND SLICER
12	1	Disposer, Garbage	In-Sink-Erator	80-200-1	12	200	1	5.6		D	8U	EXTEND SERVICE TO CONTROL PANEL MOUNTED ON COUNTER
13	1	SPLASH MOUNT FAUCET	T45 BRASS	MPJ-8ULLV-12-CR	13							
14	3	WALL MOUNT HAND SINK	JOHN BOOS	FBHS-W-1410-85LR	14	120	1	9.0		P	10	NEMA 5-15P REQUIRED FOR ELECTRONIC EYE FAUCET
16	5	BUN PAN RACK	CHANNEL	401A	16							
17	1	20-qt Mixer	Hobart	HL200-18TD	17	120	1	8.3		P	8U	NEMA 5-15P; POWER PROVIDED ON ISLAND WORKTABLE
18	1	Slicer	Hobart	H80-1	18	120	1	8.3		P	8U	NEMA 5-15P; POWER PROVIDED ON ISLAND WORKTABLE
19	1	MOBILE WORK TABLE	CUSTOM	ST. STL.	19							
20	1	Ice Maker w/ Bin	Manitowoc Ice	YT0420A /D-320	20	120	1	11.3		D	48	
21	1	WORKTABLE	CUSTOM	ST. STL.	21	120	1	12.0		P	48	PROVIDE (2) 120V/20AMP DUPLEX RECEPTABLES MOUNTED IN WALL ABOVE TABLE BACKSPASH
22	1	COMMERCIAL MICROWAVE OVEN PANASONIC		NE-1064F	22	120	1	13.4		P	48	NEMA 5-15P
23	1	WALL SHELF	CUSTOM	ST. STL.	23							
24	4	Utility Cart	Lakeside Manufacturing T44		24							
25	1	ANSUL FULL STATION	PART OF ITEM #26		25							SEE K-500 SHEETS FOR ADDITIONAL INFORMATION
26	1	EXHAUST HOOD	ALLIED AIR	CUSTOM	26	120	1	16.0		D	DFA	FOR HOOD LIGHTS AND CONTROLS TO JUNCTION BOX ON TOP OF HOOD. SEE K500 SHEETS FOR ADDITIONAL INFO.
28	1	DESK	BY ARCHITECT	NOT IN KEC CONTRACT	28	120	1	16.0		P	48	PROVIDE (2) 120V/20AMP DUPLEX RECEPTABLES MOUNTED IN WALL ABOVE TABLE BACKSPASH; PROVIDE DATA FOR COMPUTER STATION
31	1	SINGLE DOOR PASS-THRU REFRIGERATOR	TRUE	STAIRPT-18-1G-HC	31	120	1	3.80		P	DFA	NEMA 5-15P; PROVIDE CEILING HUNG RECEPTACLE AT 90° AFF
32	1	SINGLE DOOR PASS-THRU HEATED CABINET	TRUE	STAIRPT-18-1G	32	200	1	1.30		P	DFA	NEMA 6-15P; PROVIDE CEILING HUNG RECEPTACLE AT 90° AFF
34	1	DOUBLE STACKED COMBI OVEN RATIONAL AG		ICC-6-NG/ICC-6-NG	34	200	1	15.0		P	48	NEMA 6-20P; PROVIDE (2) RECEPTABLES FOR (2) OVENS TOTAL
35	1	CONVECTION OVEN - GAS - SINGLE DECK	SOUTHBEND	SLGB/128C	35	120	1	7.9		P	48	NEMA 5-15P
36	1	Heavy Duty 24" Gas Range	Montague	124-B	36	120	1	8.3		P	24	NEMA 5-15P
37	1	TILT SKILLET	CLEVELAND RANGE	8GL-30-T1	37	120	1	9.0		P	24	NEMA 5-15P
39	1	Fryer, Deep Fat, Gas w/Filter	Henny Penny	OFG3210	39	120	1	12.0		P	24	NEMA 5-15P
43	1	WORKTABLE	CUSTOM	ST. STL.	43	120	1	12.0		P	48	PROVIDE (2) 120V/20AMP DUPLEX RECEPTABLES MOUNTED IN WALL ABOVE TABLE BACKSPASH
44	1	SPLASH MOUNT FAUCET	T45 BRASS	B-0231-CR	44							
50	1	ICE CADDY	CAMBRO	IC5100L10	50							
51	1	DISH RACKING OVERSHELF	ADVANCE TABCO	DT-6R-24	51							
52	1	SOILED DISH TABLE	CUSTOM	ST. STL.	52							
53	1	SPLASH MOUNT PRE-RINSE FAUCET T45 BRASS		B-0133-CR-B-SUV 0.50 0.30 14	53							
54	1	Disposer, Garbage	In-Sink-Erator	80-200-1	54	200	1	5.6		D	10	EXTEND SERVICE TO CONTROL PANEL MOUNTED ON COUNTER
56	1	DISHWASHER, DOOR TYPE, HIGH TEMP VENTLESS ELECTRIC	HOBART	AM16VLT-ADV	56	200	3	53.5		D	10	EXTEND SERVICE TO DISCONNECT MOUNTED ON COUNTER; SINGLE POINT CONNECTION FOR DISH MACHINE AND BOOSTER HEATER
58	1	CLEAN STRAIGHT DISHTABLE	CUSTOM	ST. STL.	58							
59	1	WALL SHELF	CUSTOM	ST. STL.	59							
60	2	SPLASH MOUNT FAUCET	T45 BRASS	B-0230	60							
61	3	MOBILE DRYING RACK	Metro	FR-VXX-XDR SERIES	61							
62	1	WASHER & DRYER	BY ARCHITECT	NOT IN KEC CONTRACT	62							
63	1	WALL CABINET	ADVANCE TABCO	WCH-15-60	63							
64	1	JANITORIAL MOP SINK	ADVANCE TABCO	3-CP-20	64							
65	1	CHEMICAL STORAGE	INTERMETRO	SUPER ERECTA	65							
66	1	CLASS K FIRE EXTINGUISHER	BY OWNER	NOT IN KEC CONTRACT	66							
67	1	FLOOR TROUGH	CUSTOM	FABRICATED EQUIPMENT	67							



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



PROJECT  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT: 21-115  
DATE: 04/15/22  
COORDINATED BY: SM  
DRAWN BY: AG  
CHECKED BY: DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

MARK	DATE	ISSUED FOR
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING  
**ELECTRICAL SCHEDULES**

PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

© GIBRALTAR DESIGN SHEET  
**E-602**

Thursday, 5/12/2022 12:46 PM - LAST SAVED BY: BEROVACEVIC K.; 2022.05.12.05 CP ADMIN CENTER\_3.0 DRAWINGS\_E-602.DWG

### Branch Panel: 1H2

Location: ELECTRICAL 173  
Supply From: MLO  
Mounting: Surface  
Enclosure: 1

Volts: 480/277 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 10kA  
Mains Type: MLO  
Mains Rating: 100 A  
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	MONUMENT SIGN	20 A	2	1500...	595 VA			1	20 A	1ST FLOOR EXIST SIGNS	2	
3	--	--	--	--	--	1500...	2700...	--	20 A	1ST FLOOR EXIST SIGNS	4	
5	Spare	20 A	1			0 VA	3001...	1	20 A	1ST FLOOR LTG SOUTH-EAST	6	
7	Spare	20 A	1	0 VA	3006...			1	20 A	1ST FLOOR LTG NORTHWEST	8	
9	Spare	20 A	1		0 VA	2778...		1	20 A	1ST FLOOR LTG MIDDLE	10	
11	Spare	20 A	1			0 VA	1293...	1	20 A	1ST FLOOR LTG PASSAGE/KITCHEN	12	
13	Spare	20 A	1	0 VA	2392...			1	20 A	1ST FLOOR LTG CORRIDOR	14	
15	Spare	20 A	1		0 VA	1179...		1	20 A	1ST FLOOR LTG CORRIDOR NL	16	
17	Spare	20 A	1			0 VA	95 VA	1	20 A	EXTERIOR LTG EM NL	18	
19	Spare	20 A	1	0 VA	144 VA			1	20 A	EXTERIOR LTG	20	
21	Spare	20 A	1		0 VA	1213...		1	20 A	EXTERIOR SITE LTG 10PM	22	
23	Spare	20 A	1			0 VA	326 VA	1	20 A	EXTERIOR SITE LTG 12AM	24	
25	Spare	--	--	0 VA	652 VA			1	20 A	EXTERIOR SITE LTG NL	26	
27	Spare	--	--		0 VA	489 VA		1	20 A	EXTERIOR SITE LTG 10PM	28	
29	Spare	--	--			0 VA	326 VA	1	20 A	EXTERIOR SITE LTG 12AM	30	
31	Spare	--	--	0 VA	489 VA			1	20 A	EXTERIOR SITE LTG NL	32	
33	Spare	--	--		0 VA	0 VA		1	20 A	Spare	34	
35	Spare	--	--			0 VA	0 VA	1	20 A	Spare	36	
37	Spare	--	--	0 VA	0 VA			--	--	Spare	38	
39	Spare	--	--		0 VA	0 VA		--	--	Spare	40	
41	Spare	--	--			0 VA	0 VA	--	--	Spare	42	
				<b>Total Load:</b>	8759 VA	9769 VA						
				<b>Total Amps:</b>	34 A	37 A						

**Legend:**

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	16555 VA	100.00%	16555 VA	
Other	637 VA	100.00%	637 VA	
				<b>Total Conn. Load:</b> 23653 VA
				<b>Total Est. Demand:</b> 23653 VA
				<b>Total Conn. Current:</b> 28 A
				<b>Total Est. Demand Current:</b> 28 A

Notes:

### Branch Panel: 1H1

Location: ELECTRICAL 173  
Supply From: MLO  
Mounting: Surface  
Enclosure: 1

Volts: 480/277 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 10kA  
Mains Type: MLO  
Mains Rating: 225 A  
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	ER-1	45 A	3	8719...	6841...			3	35 A	AH-2	2	
3	--	--	--	--	--	8719...	6841...	--	--	--	4	
5	--	--	--	--	--	8719...	6841...	--	--	--	6	
7	BP-1	15 A	3	581 VA	1329...			3	15 A	ER-2	8	
9	--	--	--	--	--	581 VA	1329...	--	--	--	10	
11	--	--	--	--	--	581 VA	1329...	--	--	--	12	
13	BP-2	15 A	3	581 VA	1329...			3	15 A	CP-1	14	
15	--	--	--	--	--	581 VA	1329...	--	--	--	16	
17	--	--	--	--	--	581 VA	1329...	--	--	--	18	
19	HWP-1	20 A	3	2104...	942 VA			3	15 A	DBP-1	20	
21	--	--	--	--	--	2104...	942 VA	--	--	--	22	
23	--	--	--	--	--	2104...	942 VA	--	--	--	24	
25	HWP-2	20 A	3	2104...	942 VA			3	15 A	DBP-1	26	
27	--	--	--	--	--	2104...	942 VA	--	--	--	28	
29	--	--	--	--	--	2104...	942 VA	--	--	--	30	
31	CWP-1	15 A	3	1329...	0 VA			--	--	Space	32	
33	--	--	--	--	--	1329...	0 VA	--	--	Space	34	
35	--	--	--	--	--	1329...	0 VA	--	--	Space	36	
37	CWP-2	15 A	3	1329...	0 VA			--	--	Space	38	
39	--	--	--	--	--	1329...	0 VA	--	--	Space	40	
41	--	--	--	--	--	1329...	0 VA	--	--	Space	42	
43	CU-1	20 A	3	4373...	0 VA			--	--	Space	44	
45	--	--	--	--	--	4373...	0 VA	--	--	Space	46	
47	--	--	--	--	--	4373...	0 VA	--	--	Space	48	
49	CU-2	20 A	3	4373...	0 VA			--	--	Space	50	
51	--	--	--	--	--	4373...	0 VA	--	--	Space	52	
53	--	--	--	--	--	4373...	0 VA	--	--	Space	54	
55	CU-3	20 A	3	4373...	0 VA			--	--	Space	56	
57	--	--	--	--	--	4373...	0 VA	--	--	Space	58	
59	--	--	--	--	--	4373...	0 VA	--	--	Space	60	
				<b>Total Load:</b>	41249 VA	41249 VA						
				<b>Total Amps:</b>	149 A	149 A						

**Legend:**

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	46834 VA	100.00%	46834 VA	
Power	76912 VA	100.00%	76912 VA	
				<b>Total Conn. Load:</b> 123746 VA
				<b>Total Est. Demand:</b> 123746 VA
				<b>Total Conn. Current:</b> 149 A
				<b>Total Est. Demand Current:</b> 149 A

Notes:

### Branch Panel: KP-1

Location: CATERING KITCHEN 144  
Supply From: MLO  
Mounting: Recessed  
Enclosure: 1

Volts: 120/208 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 10kA  
Mains Type: MLO  
Mains Rating: 225 A  
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
K1	WALKER-IN COOLER FREEZER	20 A	1	2400...	600 VA			1	20 A	COOLER BLOWER COIL	K2	
K3	WALKER-IN COOLER FREEZER	20 A	1	2400...	936 VA			2	20 A	FREEZER BLOWER COIL	K4	
K5	WALL MOUNT HAND SINK	20 A	1			600 VA	936 VA	--	--	--	K6	
K7	DISHWASHER, DOOR TYPE, HIGH TEMP EL C	60 A	3	6425...	600 VA			1	20 A	WALL MOUNT HAND SINK	K8	
K9	--	--	--	--	--	6425...	1560...	2	20 A	GAS COMBI-STEAMER	K10	
K11	--	--	--	--	--	6425...	1560...	--	--	--	K12	
K13	GAS COMBI-STEAMER	--	--	1560...	948 VA			1	20 A	CONVECTION OVEN - GAS	K14	
K15	--	--	--	--	--	1560...	600 VA	1	20 A	TILT SKILLET	K16	
K17	FRYER	20 A	1			1440...	996 VA	1	20 A	MIXER	K18	
K19	WORKTABLE	20 A	1	1920...	996 VA			1	20 A	SLICER	K20	
K21	DISPOSER/GARBAGE	20 A	2		582 VA	456 VA		1	20 A	FRIDGE	K22	
K23	--	--	--	--	--	582 VA	1518...	1	20 A	HEATED CABINET	K24	
K25	DISPOSER/GARBAGE	20 A	2	582 VA	1440...			1	20 A	WORKTABLE	K26	
K27	--	--	--	--	--	582 VA	1440...	1	20 A	WORKTABLE	K28	
K29	EXHAUST FAN	20 A	1			1356...	1608...	1	20 A	MICROWAVE	K30	
K31	WORKTABLE	20 A	1	1440...	1440...			1	20 A	WORKTABLE	K32	
K33	DESK	20 A	1	1920...	600 VA			1	20 A	WALL MOUNT HAND SINK	K34	
K35	GAS RANGE	20 A	1		996 VA	867 VA		3	20 A	COOLER CONDENSING UNIT	K36	
K37	RECEPS	20 A	1	400 VA	867 VA			--	--	--	K38	
K39	Spare	20 A	1		0 VA	867 VA		--	--	--	K40	
K41	Spare	20 A	1			0 VA	1308...	2	20 A	FREEZER CONDENSING UNIT	K42	
K43	Spare	20 A	1	0 VA	1300...			--	--	--	K44	
K45	Spare	20 A	1		0 VA	900 VA		--	--	--	K46	
K47	Spare	20 A	1			0 VA	900 VA	--	--	--	K48	
K49	Spare	20 A	1	0 VA	900 VA			--	--	--	K50	
K51	Spare	20 A	1		0 VA	900 VA		3	15 A	SF-1	K52	
K53	Spare	20 A	1			0 VA	900 VA	--	--	--	K54	
K55	Spare	--	--	0 VA	900 VA			--	--	--	K56	
K57	Spare	--	--		0 VA			--	--	--	K58	
K59	Spare	--	--			0 VA		--	--	--	K60	
				<b>Total Load:</b>	24718 VA	21728 VA						
				<b>Total Amps:</b>	206 A	181 A						

**Legend:**

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Other	38444 VA	100.00%	38444 VA	
Power	29986 VA	100.00%	29986 VA	
				<b>Total Conn. Load:</b> 68430 VA
				<b>Total Est. Demand:</b> 68430 VA
				<b>Total Conn. Current:</b> 190 A
				<b>Total Est. Demand Current:</b> 190 A

Notes:

### Branch Panel: 2H1

Location: ELECTRICAL 173  
Supply From: MLO  
Mounting: Surface  
Enclosure: 1

Volts: 480/277 Wye  
Phases: 3  
Wires: 4

A.I.C. Rating: 10kA  
Mains Type: MLO  
Mains Rating: 100 A  
MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	2ND FLOOR EXIST SIGNS	20 A	1	300 VA	0 VA			1	20 A	Spare	2	
3	2ND FLOOR LTG SOUTH	20 A	1		2919...	0 VA		1	20 A	Spare	4	
5	2ND FLOOR LTG NORTH	20 A	1			3136...	0 VA	1	20 A	Spare	6	
7	2ND FLOOR LTG MIDDLE	20 A	1	2801...	0 VA			1	20 A	Spare	8	
9	2ND FLOOR LTG CORRIDOR	20 A	1		967 VA	0 VA		1	20 A	Spare	10	
11	2ND FLOOR LTG CORRIDOR NL	20 A	1			582 VA	0 VA	1	20 A	Spare	12	
13	2ND FLOOR CANOPY	20 A	1	120 VA	0 VA			1	20 A	Spare	14	
15	Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	16	
17	Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	18	
19	Spare	20 A	1	0 VA	0 VA			1	20 A	Spare	20	
21	Spare	20 A	1		0 VA	0 VA		1	20 A	Spare	22	
23	Spare	20 A	1			0 VA	0 VA	1	20 A	Spare	24	
25	Spare	--	--	0 VA	0 VA			--	--	Space	26	
27	Spare	--	--		0 VA	0 VA		--	--	Space	28	
29	Spare	--	--			0 VA	0 VA	--	--	Space	30	
31	Spare	--	--	0 VA	0 VA			--	--	Space	32	
33	Spare	--	--		0 VA	0 VA		--	--	Space	34	
35	Spare	--	--			0 VA	0 VA	--	--	Space	36	
37	Spare	--	--	0 VA	0 VA			--	--	Space	38	
39	Spare	--	--			0 VA	0 VA	--	--	Space	40	
41	Spare	--	--			0 VA	0 VA	--	--	Space	42	
				<b>Total Load:</b>	3217 VA	3885 VA						
				<b>Total Amps:</b>	12 A	14 A						

**Legend:**

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Lighting	10516 VA	100.00%	10516 VA	
Other	300 VA	100.00%	300 VA	
				<b>Total Conn. Load:</b> 10816 VA
				<b>Total Est. Demand:</b> 10816 VA
				<b>Total Conn. Current:</b> 13 A
				<b>Total Est. Demand Current:</b> 13 A

Notes:



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



PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, 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: 21-115  
DATE: 04/15/22  
COORDINATED BY: SM  
DRAWN BY: AG  
CHECKED BY: DJ

COPYRIGHT NOTICE:  
THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE CREATED FOR USE ON THE SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING: ELECTRICAL SCHEDULES

PROJECT: NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION &



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



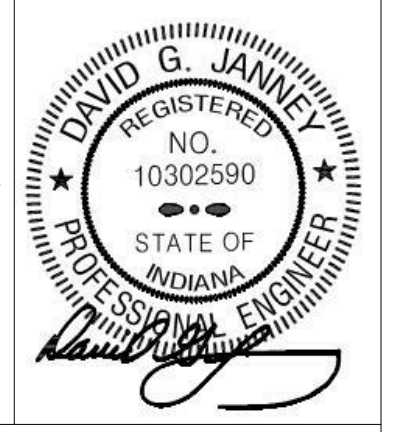
PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GIBALTAR DESIGN**

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

PROJECT: 21-115  
DATE: 04/15/22  
COORDINATED BY: SM  
DRAWN BY: AG  
CHECKED BY: DJ



**COPYRIGHT NOTICE:**  
THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND ARE CREATED FOR USE ON THE SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS		
MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING: ELECTRICAL SCHEDULES

PROJECT: NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBALTAR DESIGN SHEET  
**AD E-604**

### Branch Panel: 1L1

Location: ELECTRICAL 173  
Supply From: Mounting: Surface Enclosure: 1  
Volts: 120/208 Wye Phases: 3 Wires: 4  
A.I.C. Rating: 10kA Mains Type: MLO Mains Rating: 100 A MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	UH-2 RM 171	20 A	1	672 VA	672 VA			1	20 A	UH-2 RM 171	2	
3	OVERHEAD ROLLING GRILL - RM 171	20 A	1		1200... 1000...			1	20 A	REC - RM 128	4	
5	REC - RM 171	20 A	1			1200... 1000...		1	20 A	REC - RM 127	6	
7	REC - RM 171 & CORR 134	20 A	1	1200... 1000...				1	20 A	REC - RM 126	8	
9	REC - RM 121	20 A	1		1200... 1000...			1	20 A	REC - RM 125	10	
11	REC - RM 121	20 A	1			1200... 1000...		1	20 A	REC - RM 124	12	
13	REC - RM 121	20 A	1	1200... 1200...				1	20 A	REC - RM 123	14	
15	REC - RM 121	20 A	1		1200... 600 VA			1	20 A	TVREC - RM 123	16	
17	AV/TV - RM 121	20 A	1	1000... 1000...				1	20 A	EXTERIOR RECEPS	18	
19	AV/TV - RM 121	20 A	1	1000... 1000...				1	20 A	REC - MECHANICAL ROOM	20	
21	AV - RM 121	20 A	1		600 VA 500 VA			1	20 A	UH-2 - MECHANICAL ROOM	22	
23	REC - RM 113 & 112	20 A	1			400 VA 0 VA		1	20 A	Spare	24	
25	Spare	20 A	1	0 VA 0 VA				1	20 A	Spare	26	
27	Spare	20 A	1	0 VA 0 VA				1	20 A	Spare	28	
29	Spare	20 A	1	0 VA 0 VA				0 VA 0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA 0 VA				0 VA 0 VA	1	20 A	Spare	32
33	Spare	20 A	1		0 VA 0 VA			0 VA 0 VA	1	20 A	Spare	34
35	Spare	20 A	1			0 VA 0 VA		0 VA 0 VA	1	20 A	Spare	36
37	Space	--	--	0 VA 0 VA				--	--	Space	38	
39	Space	--	--		0 VA 0 VA			--	--	Space	40	
41	Space	--	--			0 VA 0 VA		--	--	Space	42	
				<b>Total Load:</b>	7944 VA	7300 VA		6200 VA				
				<b>Total Amps:</b>	68 A	62 A		52 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	18844 VA	100.00%	18844 VA	Total Conn. Load: 21444 VA Total Est. Demand: 21444 VA Total Conn. Current: 60 A Total Est. Demand Current: 60 A

Notes:

### Branch Panel: 1L3

Location: CL 117  
Supply From: Mounting: Surface Enclosure: 1  
Volts: 120/208 Wye Phases: 3 Wires: 4  
A.I.C. Rating: 10kA Mains Type: MLO Mains Rating: 100 A MCB Rating: 100 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	TEF-1	15 A	3	936 VA	400 VA			1	20 A	REC - ROOF	2	
3	--	--	--		936 VA 1200...			1	20 A	REC - RM 106	4	
5	--	--	--			936 VA 800 VA		1	20 A	TVREC - RM 106	6	
7	TEF-2	20 A	1	696 VA	1200...			1	20 A	REC - RM 107	8	
9	REC - SOUND CABINET	20 A	1		1000... 800 VA			1	20 A	TVREC - RM 107	10	
11	REC - SOUND CABINET	20 A	1			1000... 1000...		1	20 A	REC - RM 108	12	
13	REC - FLOORBOXES	20 A	1	1200... 1200...				1	20 A	REC - RM 108	14	
15	REC - FLOORBOXES	20 A	1	1200... 800 VA				1	20 A	TVREC - RM 108	16	
17	REC - FLOORBOXES	20 A	1		1200... 400 VA			1	20 A	REC - RM 107	18	
19	REC - PROJECTOR & SCREEN	20 A	1	1200... 800 VA				1	20 A	REC - RM 111	20	
21	MTG ROOM SHADES	20 A	1		700 VA 200 VA			1	20 A	REC - MECHANICAL ROOM	22	
23	MTG ROOM SHADES	20 A	1			850 VA 800 VA		1	20 A	TVS - RM 109	24	
25	MTG ROOM SHADES	20 A	1	700 VA 0 VA				1	20 A	Spare	26	
27	Spare	20 A	1	0 VA 0 VA				1	20 A	Spare	28	
29	Spare	20 A	1	0 VA 0 VA				0 VA 0 VA	1	20 A	Spare	30
31	Spare	20 A	1	0 VA 0 VA				0 VA 0 VA	1	20 A	Spare	32
33	Spare	20 A	1		0 VA 0 VA			0 VA 0 VA	1	20 A	Spare	34
35	Spare	20 A	1			0 VA 0 VA		0 VA 0 VA	1	20 A	Spare	36
37	Space	--	--	0 VA 0 VA				--	--	Space	38	
39	Space	--	--		0 VA 0 VA			--	--	Space	40	
41	Space	--	--			0 VA 0 VA		--	--	Space	42	
				<b>Total Load:</b>	8332 VA	6836 VA		6966 VA				
				<b>Total Amps:</b>	70 A	57 A		58 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	16553 VA	100.00%	16553 VA	Total Conn. Load: 22153 VA Total Est. Demand: 22153 VA Total Conn. Current: 61 A Total Est. Demand Current: 61 A

Notes:

### Branch Panel: 1L2

Location: MAIL / WORKROOM 148  
Supply From: Mounting: Recessed Enclosure: 1  
Volts: 120/208 Wye Phases: 3 Wires: 4  
A.I.C. Rating: 10kA Mains Type: MLO Mains Rating: 225 A MCB Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	REC/TV - RM 156	20 A	1	1000... 1000...				1	20 A	REC - FRIDGE RM 152	2
3	REC - RM 156	20 A	1		1200... 1600...			1	20 A	REC - MWAVE RM 152	4
5	REC - RECEPTION 158	20 A	1			800 VA 1600...		1	20 A	REC - COFFEE RM 152	6
7	Spare	20 A	1	0 VA 1200...				1	20 A	REC - DISHWASHER RM 152	8
9	REC - RM 155, 158 & 161	20 A	1		1000... 1200...			1	20 A	REC - RM 152	10
11	AV/TV - RM 160	20 A	1			1000... 1000...		1	20 A	REC - RM 140, 141, 151 & 152	12
13	AV - RM RM 156	20 A	1	600 VA 600 VA				1	20 A	AV - RM 140	14
15	AV/TV - RM 163	20 A	1		1000... 1000...			1	20 A	AV/TV - RM 140	16
17	REC - RM 165 & CORR 155, 153 & 169	20 A	1			1200... 1200...		1	20 A	REC - RM 140	18
19	REC - CORR142 & 135	20 A	1	1200... 1000...				1	20 A	REC - RM 136, 138, 139, 149, & 150	20
21	TV - RM 159 & 162	20 A	1		0 VA 1400...			1	20 A	HAND DRYER - RM 139	22
23	REC/TV - RM 104	20 A	1			800 VA 1400...		1	20 A	HAND DRYER - RM 139	24
25	REC - BOTTLE FILLER RM 102	20 A	1	720 VA 1400...				1	20 A	HAND DRYER - RM 138	26
27	REC - RM 160	20 A	1		1000... 1400...			1	20 A	HAND DRYER - RM 138	28
29	REC - RM 163	20 A	1			1200... 1400...		1	20 A	HAND DRYER - RM 149	30
31	REC - RM 164	20 A	1	1200... 1400...				1	20 A	HAND DRYER - RM 150	32
33	REC - RM 162	20 A	1		1000... 1200...			1	20 A	REC - RM 148	34
35	REC - RM 159	20 A	1			1200... 800 VA		1	20 A	REC - RM 148	36
37	REC - RM 166	20 A	1	1200... 1200...				2	20 A	COPIER - RM 148	38
39	REC - RM 168 & 167	20 A	1		1200... 1200...			--	--	--	40
41	REC - RM 168 & 168	20 A	1			1200... 600 VA		1	20 A	REC - RM 147	42
43	REC/TV - RM 168	20 A	1	400 VA 1200...				1	20 A	REC/TV - RM 103	44
45	CH2 - VEST 101	20 A	1		696 VA 1200...			1	20 A	REC - RM 103	46
47	EXTERIOR RECEPS	20 A	1			400 VA 1200...		1	20 A	REC - RM138	48
49	DOOR OPERATOR - VEST 101	20 A	1	1200... 1200...				1	20 A	REC - RM 138	50
51	DOOR OPERATOR - VEST 101	20 A	1		1200... 696 VA			1	20 A	CH-1 - VEST 170	52
53	REC - ELEVATOR	20 A	1			200 VA 1000...		1	20 A	AV/TV - RM 143	54
55	TVS - PASSAGE 135	20 A	1	800 VA 800 VA				1	20 A	AV - RM 143	56
57	IS - PASSAGE 135	20 A	1		0 VA 600 VA			1	20 A	TC PANEL - CUST. 151	58
59	Spare	20 A	1			0 VA 0 VA		1	20 A	Spare	60
				<b>Total Load:</b>	19120 VA	19792 VA		18200 VA			
				<b>Total Amps:</b>	161 A	166 A		152 A			

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	42112 VA	100.00%	42112 VA	Total Conn. Load: 57112 VA Total Est. Demand: 55012 VA Total Conn. Current: 159 A Total Est. Demand Current: 153 A
Appliance - Dwelling Unit	8400 VA	75.00%	6300 VA	

Notes:

### Branch Panel: 1L4

Location: ELECTRICAL 173  
Supply From: Mounting: Surface Enclosure: 1  
Volts: 120/208 Wye Phases: 3 Wires: 4  
A.I.C. Rating: 10kA Mains Type: MLO Mains Rating: 225 A MCB Rating: 225 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	B-1	20 A	1	1680... 200 VA				1	20 A	SPRINKLER BELLS	2
3	B-2	20 A	1		1680... 600 VA			1	20 A	HEAT TRACE	4
5	GEF-1	25 A	1			1656... 600 VA		1	20 A	RECEPS - BOILER RM	6
7	GEF-1A	25 A	1	1656... 1500...				2	30 A	GENERATOR BLOCK HEATER	8
9	TWH-1 & TWH-2	20 A	1		720 VA 1500...			--	--	--	10
11	RCP-1	20 A	1			528 VA 600 VA		1	20 A	GENERATOR BATTERY CHARGER	12
13	WS-1	20 A	1	800 VA 600 VA				1	20 A	FACP	14
15	ROOF RECEPS	20 A	1		400 VA 600 VA			1	20 A	FACP	16
17	AH-1 RECEPS	20 A	1			200 VA 200 VA		1	20 A	TIMECLOCK	18
19	AH-1 LTG	20 A	1	200 VA 0 VA				1	20 A	Spare	20
21	AH-2 RECEPS	20 A	1		200 VA 0 VA			1	20 A	Spare	22
23	AH-2 LTG	20 A	1			200 VA 0 VA		1	20 A	Spare	24
25	AC-1	45 A	2	4324... 0 VA				--	--	Space	26
27	--	--	--		4324... 0 VA			--	--	Space	28
29	AC-2	45 A	2			4324... 0 VA		--	--	Space	30
31	--	--	--					--	--	Space	32
33	AC-3	45 A	2		4324... 0 VA			--	--	Space	34
35	--	--	--					--	--	Space	36
37	Spare	--	--		0 VA 0 VA			--	--	Space	38
39	Space	--	--			0 VA 0 VA		--	--	Space	40
41	Space	--	--			0 VA 0 VA		--	--	Space	42
				<b>Total Load:</b>	15284 VA	14348 VA		12632 VA			
				<b>Total Amps:</b>	130 A	122 A		105 A			

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	41064 VA	100.00%	41064 VA	Total Conn. Load: 42264 VA Total Est. Demand: 42264 VA Total Conn. Current: 117 A Total Est. Demand Current: 117 A

Notes:

### Branch Panel: 2L3

Location: \_\_\_\_\_  
 Supply From: \_\_\_\_\_  
 Mounting: Surface  
 Enclosure: 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.I.C. Rating: 10kA  
 Mains Type: \_\_\_\_\_  
 Mains Rating: 100 A  
 MCB Rating: \_\_\_\_\_

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT		
1	AV/TV - RM 233	20 A	1	1000...	1000...				REC - CORR 201/216 & STAIR 345	2		
3	REC - RM 233	20 A	1		1200...	0 VA		1	20 A TV - STAIR 245	4		
5	REC - RM 233	20 A	1			600 VA	1200...	2	20 A REC - COPIER RM 219	6		
7	REC - RM 236	20 A	1	1000...	1200...			--	--	8		
9	REC - RM 236	20 A	1		1000...	600 VA		1	20 A REC - RM 219	10		
11	REC - RM 236	20 A	1			1200...	1000...	1	20 A AV/TV - RM 220	12		
13	REC - RM 231, 232, 234, & 235	20 A	1	1200...	1000...			1	20 A REC - RM 219	14		
15	TV/REC - RM 238	20 A	1		800 VA	1000...		1	20 A REC - RM 221, 222, 228, 229 & 230	16		
17	TV - RM 235	20 A	1			400 VA	1000...	1	20 A REC - FRIDGE RM 224	18		
19	Spare	20 A	1	0 VA	1600...			1	20 A REC - MWAVE RM 224	20		
21	Spare	20 A	1		0 VA	1600...		1	20 A REC - COFFEE RM 224	22		
23	Spare	20 A	1			0 VA	1200...	1	20 A DISHWASHER - RM 224	24		
25	Spare	20 A	1	0 VA	1000...			1	20 A REC - RM 224	26		
27	Spare	20 A	1		0 VA	600 VA		1	20 A TV/REC - RM 224	28		
29	Spare	20 A	1				0 VA	0 VA	1	20 A Spare	30	
31	Spare	20 A	1	0 VA	0 VA			0 VA	0 VA	1	20 A Spare	32
33	Spare	20 A	1		0 VA	0 VA		1	20 A Spare	34		
35	Spare	20 A	1			0 VA	0 VA	1	20 A Spare	36		
37	Space	--	--	0 VA	0 VA			--	--	Space	38	
39	Space	--	--		0 VA	0 VA		--	--	Space	40	
41	Space	--	--			0 VA	0 VA	--	--	Space	42	
				<b>Total Load:</b>	9000 VA	6900 VA	6600 VA					
				<b>Total Amps:</b>	75 A	57 A	55 A					

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	20000 VA	100.00%	20000 VA	
				<b>Total Conn. Load:</b> 22400 VA
				<b>Total Est. Demand:</b> 22400 VA
				<b>Total Conn. Current:</b> 62 A
				<b>Total Est. Demand Current:</b> 62 A

Notes:

### Branch Panel: 2L1

Location: \_\_\_\_\_  
 Supply From: \_\_\_\_\_  
 Mounting: Surface  
 Enclosure: 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.I.C. Rating: 10kA  
 Mains Type: \_\_\_\_\_  
 Mains Rating: 100 A  
 MCB Rating: \_\_\_\_\_

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	REC - COR 258 & RM 209/208/207	20 A	1	1200...	1000...				REC - RM 211 & RM 257	2	
3	REC - RM 202	20 A	1		1000...	600 VA		1	20 A REC - RM 211	4	
5	TV - RM 202	20 A	1			400 VA	800 VA	1	20 A REC - RM 210	6	
7	REC - RM 203	20 A	1	1400...	1200...			1	20 A REC - RM 212	8	
9	REC - RM 203	20 A	1		1000...	600 VA		1	20 A AV - RM 211	10	
11	REC - RM 203	20 A	1			1000...	800 VA	1	20 A REC - RM 213	12	
13	REC - RM 203	20 A	1	1000...	1200...			1	20 A REC - RM 213	14	
15	REC - RM 204	20 A	1		800 VA	0 VA		1	20 A Spare	16	
17	REC - RM 205	20 A	1			800 VA	0 VA	1	20 A Spare	18	
19	AV/TV - RM 205	20 A	1	1000...	0 VA			1	20 A Spare	20	
21	REC - RM 206	20 A	1		800 VA	0 VA		1	20 A Spare	22	
23	Spare	20 A	1			0 VA	0 VA	1	20 A Spare	24	
25	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	26	
27	Spare	20 A	1		0 VA	0 VA		1	20 A Spare	28	
29	Spare	20 A	1				0 VA	0 VA	1	20 A Spare	30
31	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	32	
33	Spare	20 A	1		0 VA	0 VA		1	20 A Spare	34	
35	Spare	20 A	1			0 VA	0 VA	1	20 A Spare	36	
37	Space	--	--	0 VA	0 VA			--	--	Space	38
39	Space	--	--		0 VA	0 VA		--	--	Space	40
41	Space	--	--			0 VA	0 VA	--	--	Space	42
				<b>Total Load:</b>	8000 VA	4800 VA	3800 VA				
				<b>Total Amps:</b>	68 A	41 A	32 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	14600 VA	100.00%	14600 VA	
				<b>Total Conn. Load:</b> 16600 VA
				<b>Total Est. Demand:</b> 16600 VA
				<b>Total Conn. Current:</b> 46 A
				<b>Total Est. Demand Current:</b> 46 A

Notes:

### Branch Panel: EM-TECH

Location: \_\_\_\_\_  
 Supply From: \_\_\_\_\_  
 Mounting: Surface  
 Enclosure: 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.I.C. Rating: 10kA  
 Mains Type: \_\_\_\_\_  
 Mains Rating: 60 A  
 MCB Rating: 60 A

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
T1	REC - DATA RACK - RM 223	20 A	1	1200...	800 VA			1	20 A REC - CONV - RM 223	T2	
T3	REC - IDF - RM 223	20 A	2		1500...	0 VA		1	20 A Spare	T4	
T5	--	--	--			1500...	0 VA	1	20 A Spare	T6	
T7	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	T8	
T9	Spare	20 A	1		0 VA	0 VA		1	20 A Spare	T10	
T11	Spare	20 A	1			0 VA	0 VA	1	20 A Spare	T12	
T13	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	T14	
T15	Spare	20 A	1		0 VA	0 VA		1	20 A Spare	T16	
T17	Spare	20 A	1			0 VA	0 VA	1	20 A Spare	T18	
T19	Spare	20 A	1	0 VA	0 VA			1	20 A Spare	T20	
T21	Spare	20 A	1		0 VA	0 VA		1	20 A Spare	T22	
T23	Spare	20 A	1			0 VA	0 VA	1	20 A Spare	T24	
T25	Space	--	--	0 VA	0 VA			--	--	Space	T26
T27	Space	--	--		0 VA	0 VA		--	--	Space	T28
T29	Space	--	--			0 VA	0 VA	--	--	Space	T30
T31	Space	--	--	0 VA	0 VA			--	--	Space	T32
T33	Space	--	--		0 VA	0 VA		--	--	Space	T34
T35	Space	--	--			0 VA	0 VA	--	--	Space	T36
T37	Space	--	--	0 VA	0 VA			--	--	Space	T38
T39	Space	--	--		0 VA	0 VA		--	--	Space	T40
T41	Space	--	--			0 VA	0 VA	--	--	Space	T42
				<b>Total Load:</b>	2000 VA	1500 VA	1500 VA				
				<b>Total Amps:</b>	17 A	13 A	13 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	5000 VA	100.00%	5000 VA	
				<b>Total Conn. Load:</b> 5000 VA
				<b>Total Est. Demand:</b> 5000 VA
				<b>Total Conn. Current:</b> 14 A
				<b>Total Est. Demand Current:</b> 14 A

Notes:

### Branch Panel: 2L2

Location: \_\_\_\_\_  
 Supply From: \_\_\_\_\_  
 Mounting: Surface  
 Enclosure: 1

Volts: 120/208 Wye  
 Phases: 3  
 Wires: 4

A.I.C. Rating: 10kA  
 Mains Type: \_\_\_\_\_  
 Mains Rating: 100 A  
 MCB Rating: \_\_\_\_\_

Notes:

CKT	Circuit Description	Trip	Poles	A	B	C	Poles	Trip	Circuit Description	CKT	
1	Spare	20 A	1	0 VA	1200...			1	20 A REC - RM 240, 241, 243	2	
3	REC - RM 239	20 A	1		1200...	1000...		1	20 A TV/REC - RM 240, 241 & 243	4	
5	Spare	20 A	1			0 VA	1200...	1	20 A REC - RM 254	6	
7	REC - RM 242	20 A	1	1200...	1200...			1	20 A REC - RM 254	8	
9	Spare	20 A	1		0 VA	1000...		1	20 A REC - RM 214 & 215	10	
11	REC - RM 244	20 A	1			1200...	1200...	2	20 A REC - COPIER RM 215	12	
13	REC - RM 248	20 A	1	1000...	1200...			--	--	14	
15	REC - RM 249	20 A	1		1000...	600 VA		1	20 A REC - COR 216 & STAIR 226	16	
17	REC - RM 250	20 A	1			1000...	1200...	1	20 A AV - RM 254	18	
19	REC - RM 251	20 A	1	1000...	0 VA			1	20 A Spare	20	
21	REC - RM 252	20 A	1		1000...	0 VA		1	20 A Spare	22	
23	REC - RM 253	20 A	1			1000...	0 VA	1	20 A Spare	24	
25	REC - RM 255	20 A	1	1000...	0 VA			1	20 A Spare	26	
27	REC - RM 256	20 A	1		1000...	0 VA		1	20 A Spare	28	
29	TV/REC - RM 225	20 A	1			1200...	0 VA	1	20 A Spare	30	
31	REC - RM 225	20 A	1	800 VA	0 VA			1	20 A Spare	32	
33	Spare	20 A	1		0 VA	0 VA		1	20 A Spare	34	
35	Spare	20 A	1			0 VA	0 VA	1	20 A Spare	36	
37	Space	--	--	0 VA	0 VA			--	--	Space	38
39	Space	--	--		0 VA	0 VA		--	--	Space	40
41	Space	--	--			0 VA	0 VA	--	--	Space	42
				<b>Total Load:</b>	8600 VA	6800 VA	8000 VA				
				<b>Total Amps:</b>	73 A	57 A	68 A				

Legend:

Load Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	22200 VA	100.00%	22200 VA	
				<b>Total Conn. Load:</b> 23400 VA
				<b>Total Est. Demand:</b> 23400 VA
				<b>Total Conn. Current:</b> 65 A
				<b>Total Est. Demand Current:</b> 65 A

Notes:



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



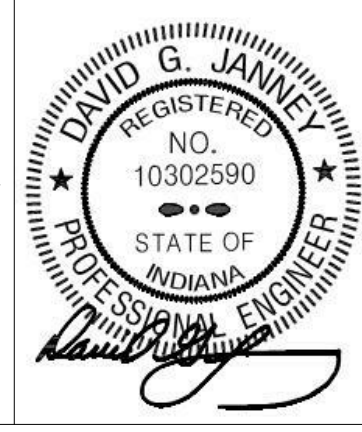
PROJECT:  
**NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION  
 CROWN POINT, INDIANA

**GIBALTAR DESIGN**

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

PROJECT: 21-115  
 DATE: 04/15/22  
 COORDINATED BY: SM  
 DRAWN BY: AG  
 CHECKED BY: DJ



**COPYRIGHT NOTICE:**  
 THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBALTAR DESIGN AND ARE CREATED FOR USE ON THE SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK	DATE	ISSUED FOR
AD-2	05/05/22	ADDENDUM NO. 2
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING: ELECTRICAL SCHEDULES

PROJECT: NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBALTAR DESIGN SHEET  
**AD E-605**







**GIBRALTAR**  
DESIGN  
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN  
**TECHNOLOGY**  
**DYNAMICS**  
www.techdyn.net

PROJECT:  
**NEW  
ADMINISTRATION  
CENTER,  
ALTERNATIVE  
EDUCATION &  
RESOURCE  
CENTER, 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  
21-115

DATE  
04/15/22

COORDINATED BY  
BKS

DRAWN BY  
TKP

CHECKED BY  
Checker

REVISIONS

MARK DATE ISSUED FOR

AD-2 5/5/22 ADDENDUM 02

AD-3 5/12/22 ADDENDUM 03

COPYRIGHT NOTICE:

THE CONCEPTS, DESIGN, PLANS, DETAILS, ETC. SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND ARE NOT TO BE REPRODUCED OR USED FOR ANY PURPOSES WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT.

REVISIONS

MARK DATE ISSUED FOR

AD-2 5/5/22 ADDENDUM 02

AD-3 5/12/22 ADDENDUM 03

REVISIONS

MARK DATE ISSUED FOR

AD-2 5/5/22 ADDENDUM 02

AD-3 5/12/22 ADDENDUM 03

REVISIONS

MARK DATE ISSUED FOR

AD-2 5/5/22 ADDENDUM 02

AD-3 5/12/22 ADDENDUM 03

REVISIONS

MARK DATE ISSUED FOR

AD-2 5/5/22 ADDENDUM 02

AD-3 5/12/22 ADDENDUM 03

REVISIONS

MARK DATE ISSUED FOR

AD-2 5/5/22 ADDENDUM 02

AD-3 5/12/22 ADDENDUM 03

REVISIONS

MARK DATE ISSUED FOR

AD-2 5/5/22 ADDENDUM 02

AD-3 5/12/22 ADDENDUM 03

REVISIONS

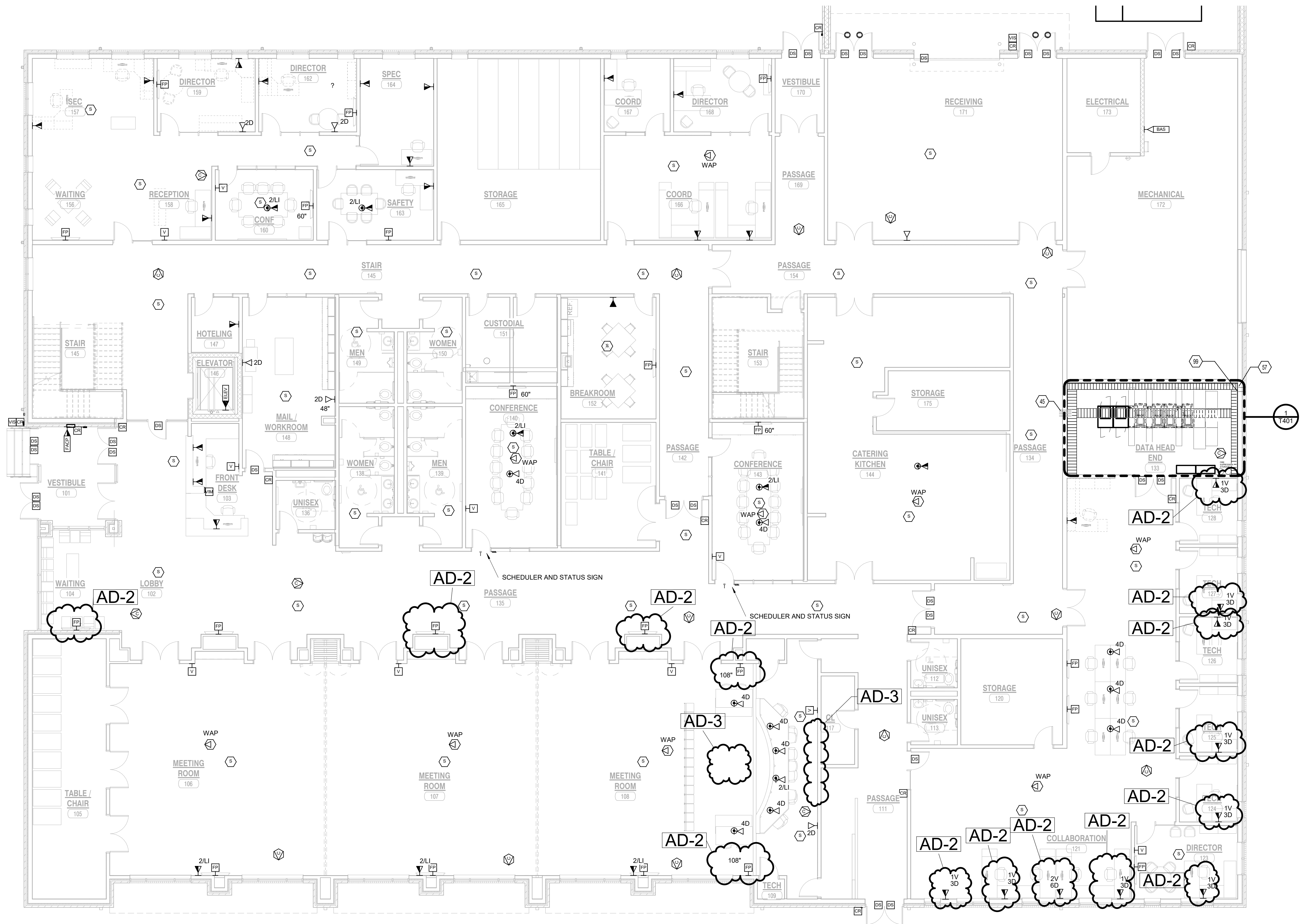
MARK DATE ISSUED FOR

AD-2 5/5/22 ADDENDUM 02

AD-3 5/12/22 ADDENDUM 03

REVISIONS

Keynote Legend	
Key Value	Keynote Text
45	SLEEVES, 4" (TYPICAL).
57	ENTRANCE FACILITY CONDUITS, 2 X 4" UON.
99	CONDUITS DOWN THROUGH FLOOR.



**1**  
**T101** **FIRST FLOOR TELECOMMUNICATIONS PLAN**  
1/8" = 1'-0"

