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. <u>BID CATEGORY NO. 1 - GENERAL TRADES</u>

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".
 - 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

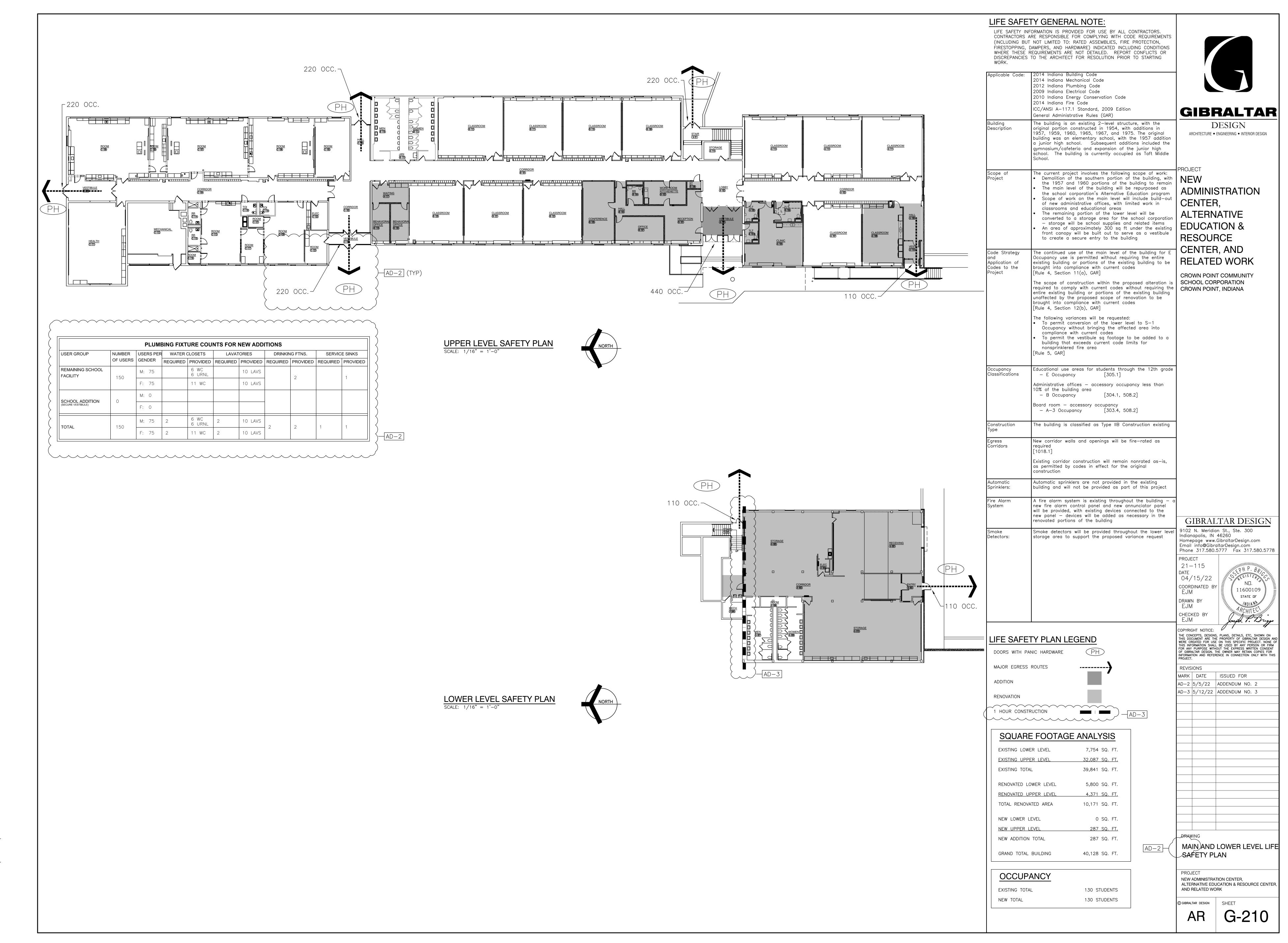
55. Sheet T-101

- 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.

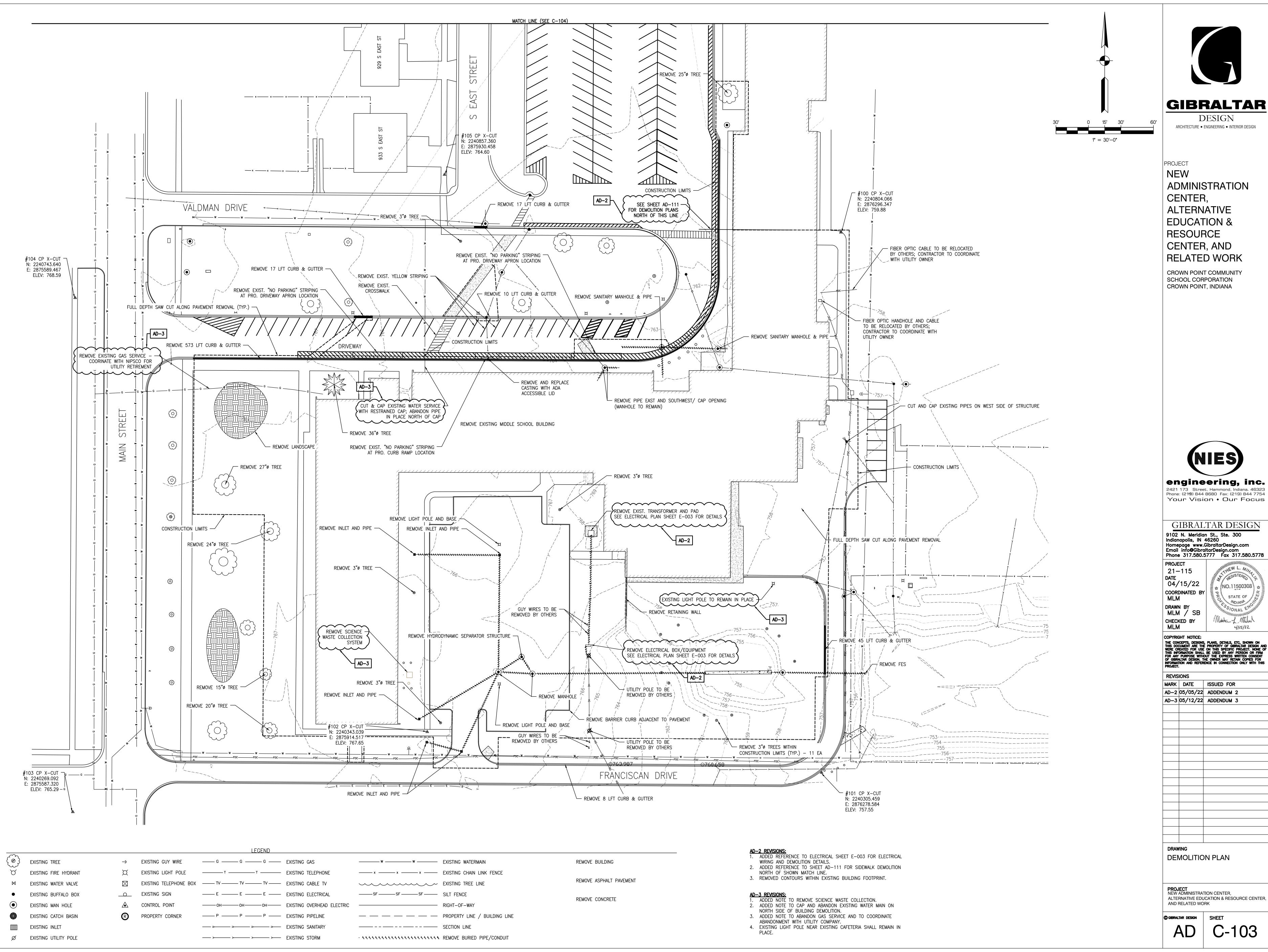
Pages 1 through 8, inclusive, Specification Sections 05 73 16, 08 14 33 and selected portions of 08 71 00; and Fifty-Six (56) Full-Size Drawings, constitute the total makeup of **Addendum Three**.



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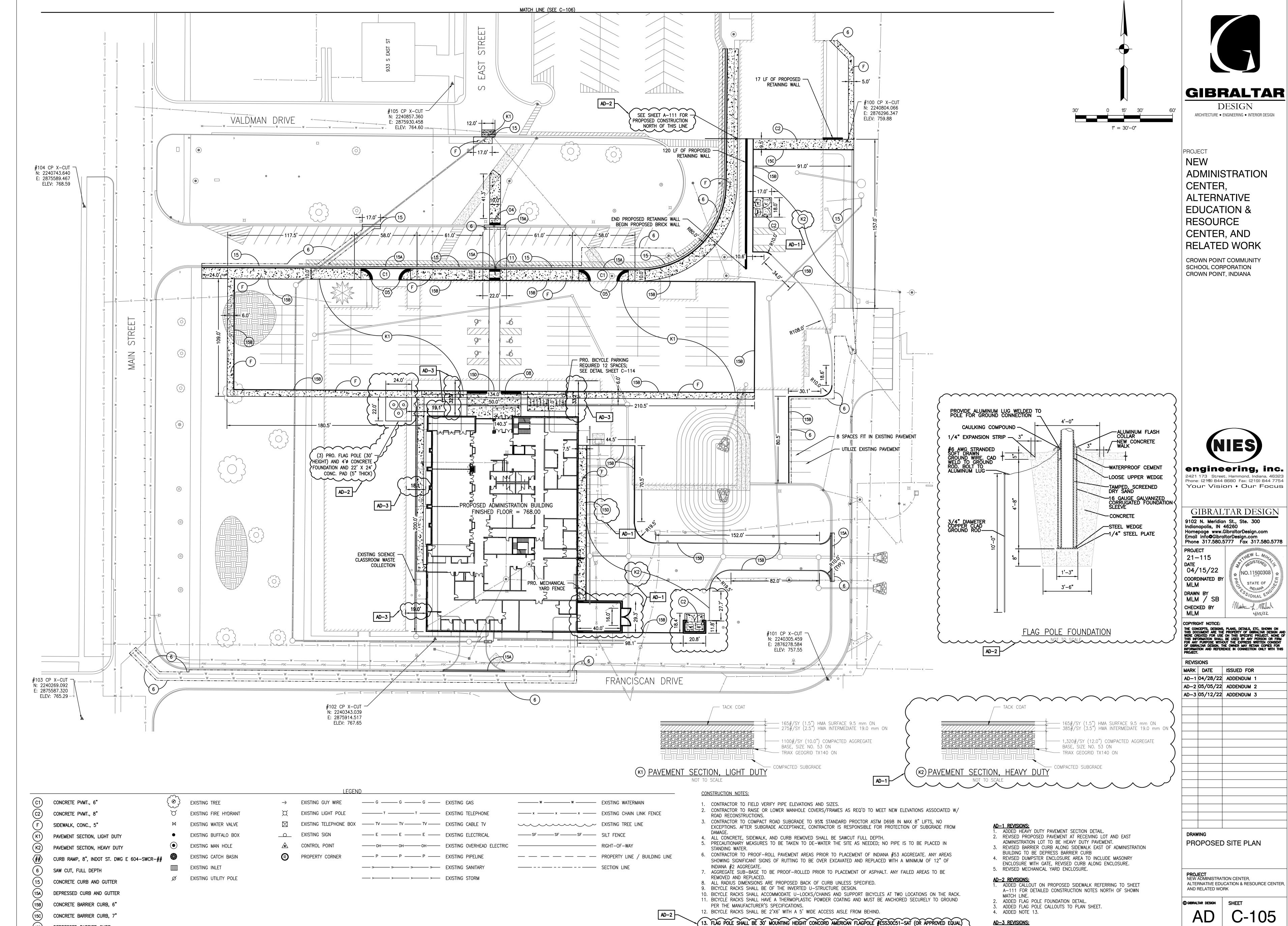
Wednesday, 5/11/2022 - 11:14 PM - LAST SAVED BY Y:\21-115 CROWN POINT CSC - NEW ADMIN CENTER, ALTERNATIVE SCHOOL, AND RELATED WORK\21-115 DRAWINGS - ALTERNATIVE ED\02 GENR\G-210.DWG



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DESIGN

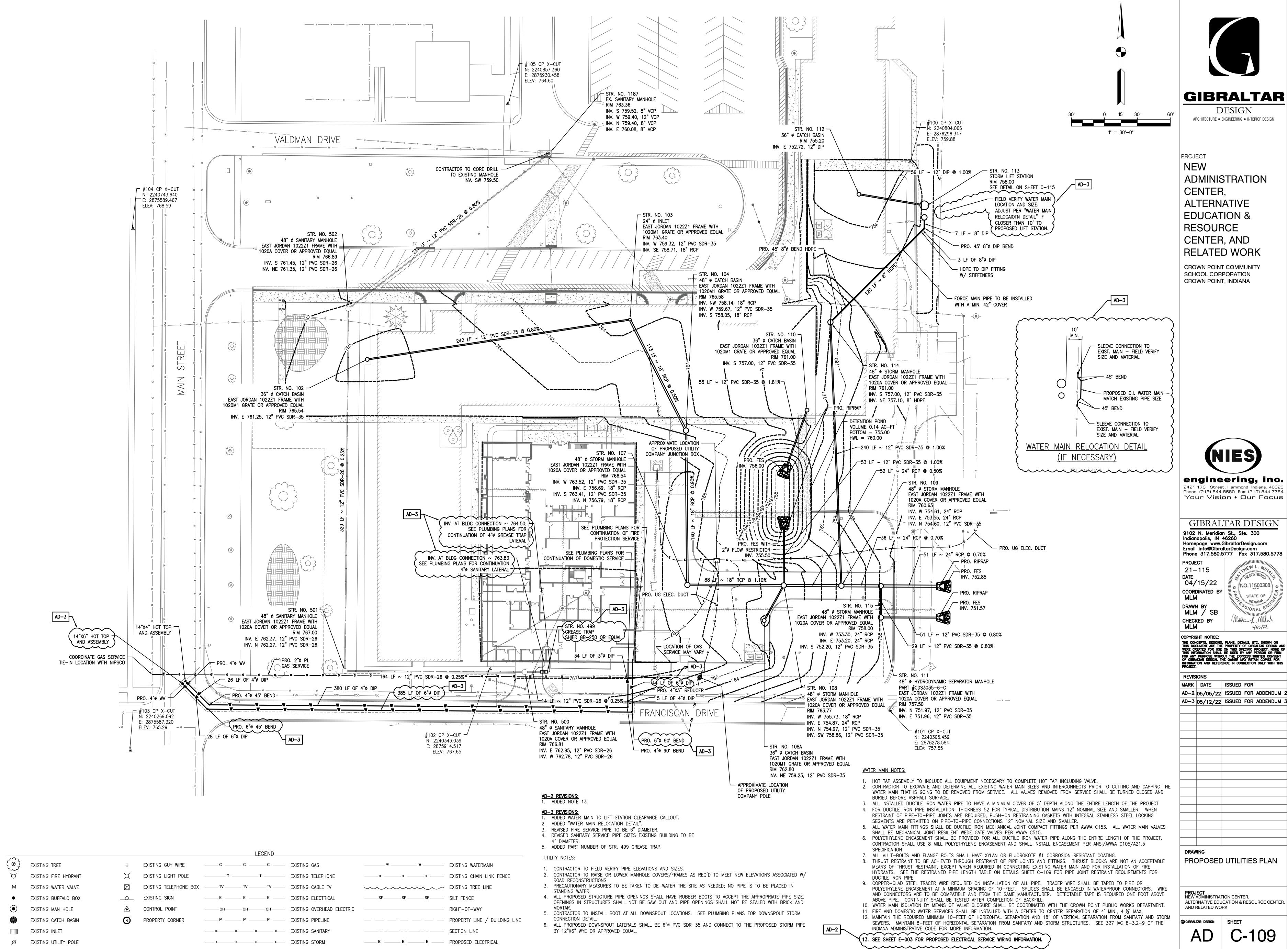
Molley L. Miles



DEPRESSED BARRIER CURB

. ADDED DISTANCES BETWEEN EXISTING AND PROPOSED BUIDLINGS.

WITH GOLD ANODIZED BALL TOP, 9" CAST ALUMINUM CLEAT, AND SPUN ALUMINUM FLASH COLLAR.



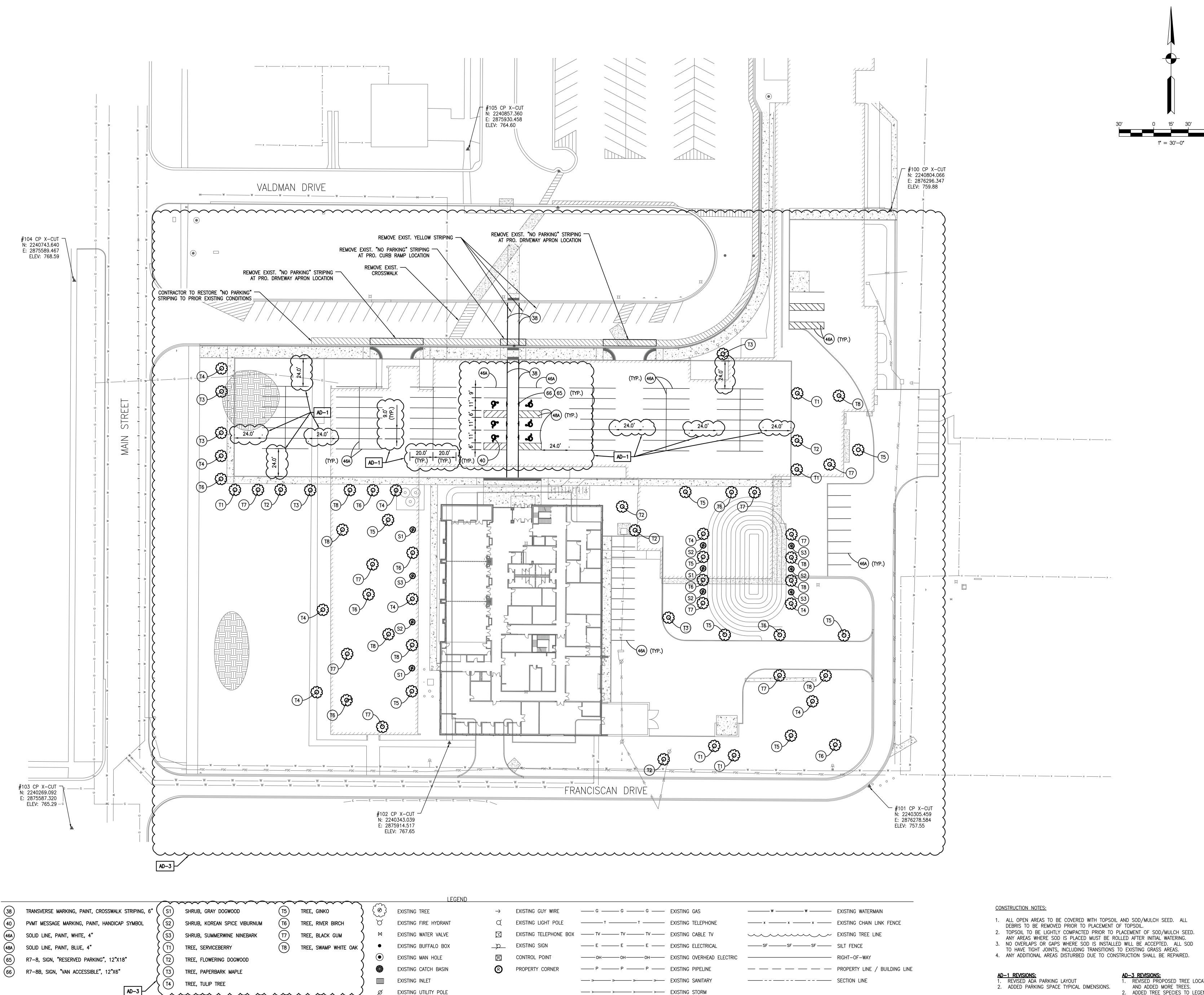
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DESIGN





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

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

engineering, inc. 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

04/15/22

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

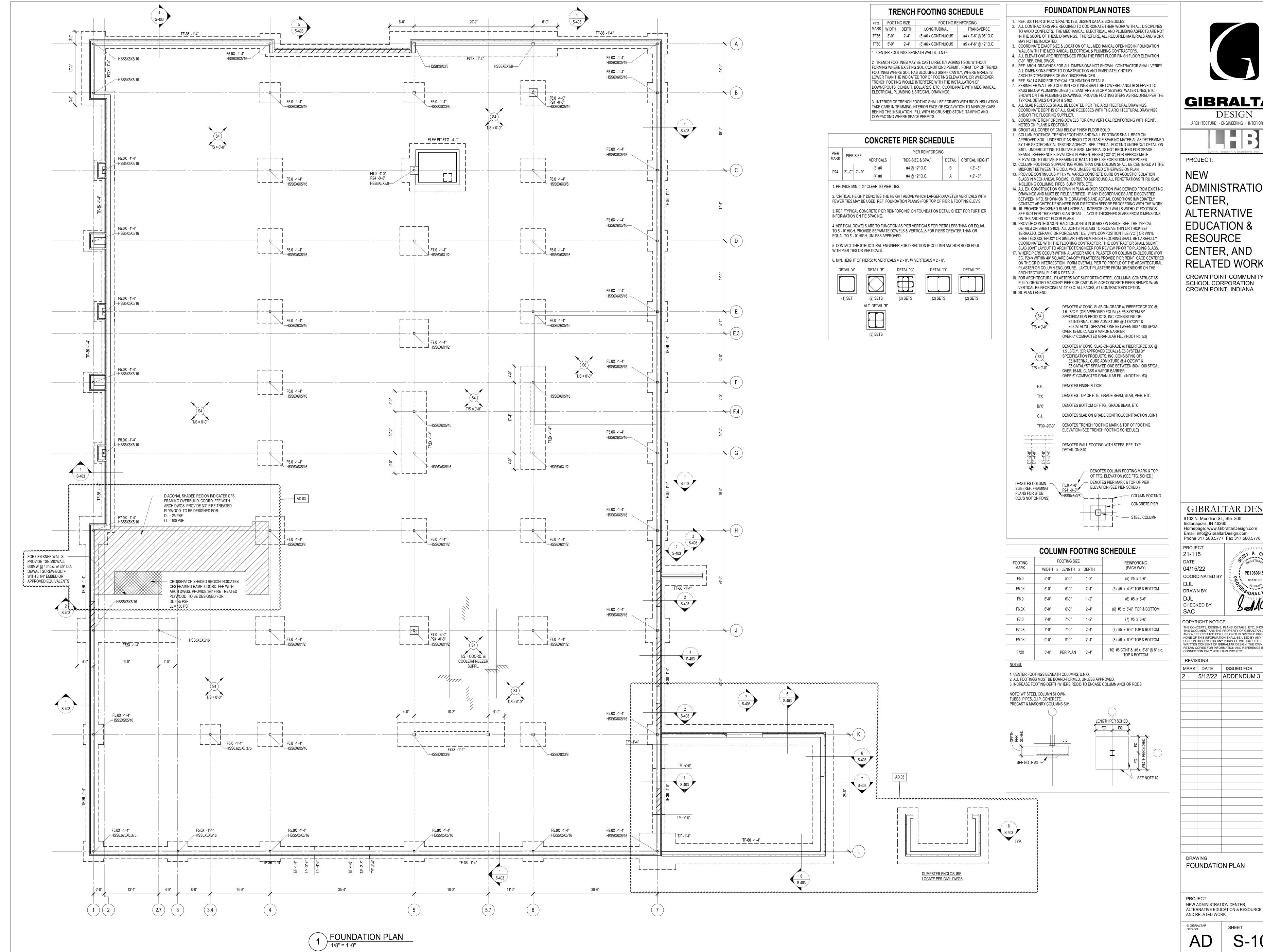
DRAWING

PROPOSED LANDSCAPE, STRIPING, AND SIGNAGE PLAN

PROJECTNEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

© GIBRALTAR DESIGN SHEET

REVISED PROPOSED TREE LOCATIONS, 2. ADDED TREE SPECIES TO LEGEND AND REVISED CALLOUTS.



GIBRALTAR

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

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

GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300

COORDINATED BY

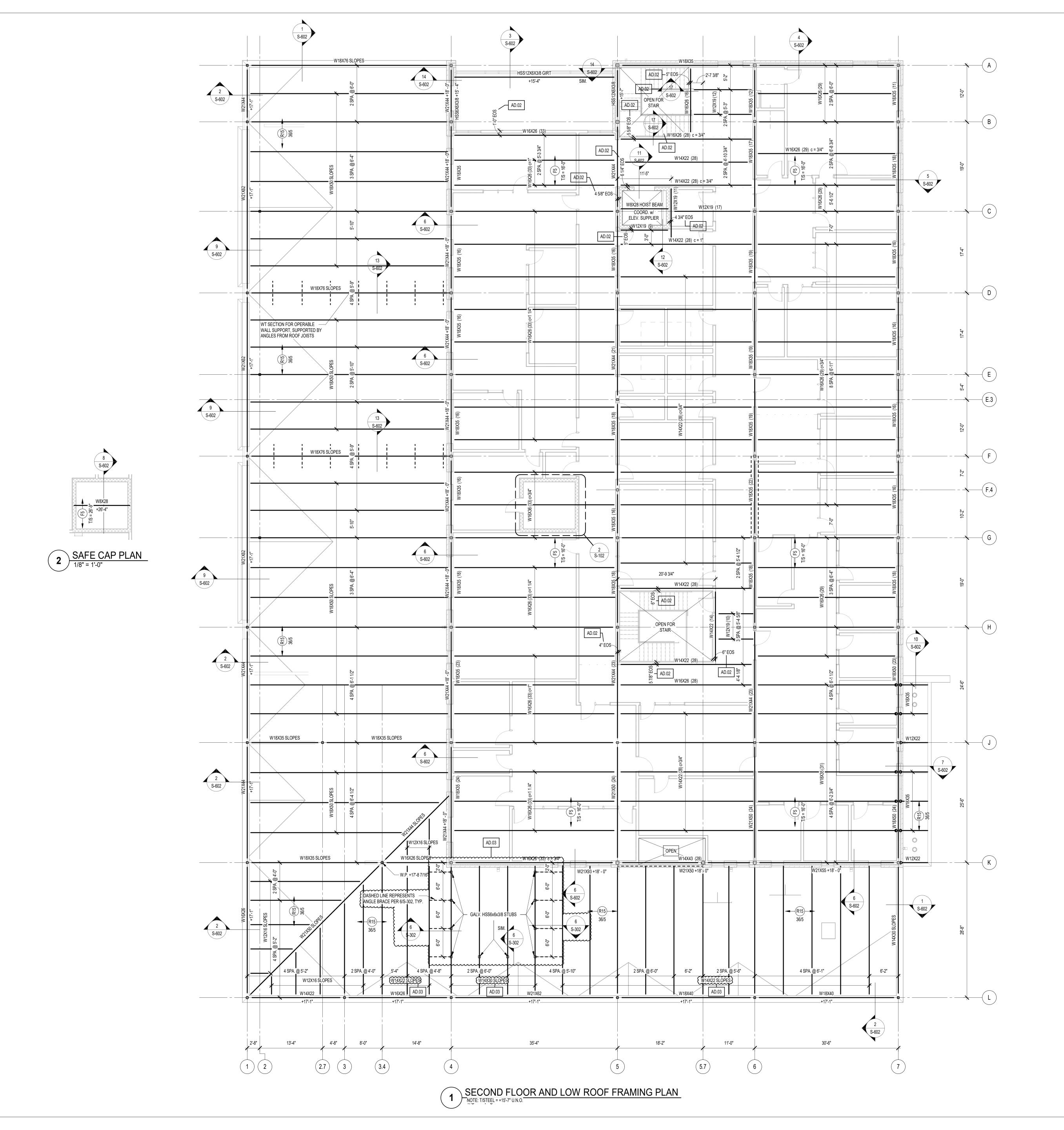
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REVISIONS

MARK DATE ISSUED FOR 5/12/22 ADDENDUM 3

DRAWING FOUNDATION PLAN

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



FRAMING PLAN NOTES

- 1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS. 2. REF. THE S-400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
- 3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
- 4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +0'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
- 5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS. 6. REF. S-601 FOR TYPICAL CONNECTION & FRAMING DETAILS.
- 7. REF. S-501 FOR TYPICAL MASONRY DETAILS 8. INSTALL CONTINUOUS BENT PLATE/ANGLE POUR STOPS AT ALL ELEVATED SLAB-ON-DECK PERIMETER EDGES AND AROUND ALL INTERIOR FLOOR OPENINGS (BOTH SHOWN AND NOT SHOWN). SEE TYPICAL DETAILS ON S-601. 9. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL S-601 FOR ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN
- FRAMING SECTIONS. 10. INSTALL CONTINUOUS CONCRETE CURBS PER TYP. DETAIL S ON S-601 AROUND THE PERIMETER OF ALL MECHANICAL ROOMS AND AROUND FLOOR PENETRATIOSN BOTH SHOWN AND NOW SHOWN INCLUDING STEEL COLUMN PENETRATIONS. 11. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
- 12. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES. 13. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB,
- ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION. 14. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED
- 15. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S-601. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS. 16. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-601. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH
- THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS. 17. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT
- 18. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE. 19. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
- 20. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED. LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS. 21. FOR ESTIMATING AND BIDDING PURPOSES ONLY, ASSUME AN ADDITIONAL 1/2" THICKNESS OF CONCRETE WILL BE NECESSARY FOR ALL ELEVATED SLABS ON METAL DECK. THE INTENT OF THIS REQUIREMENT IS TO ACCOUNT FOR ANTICIPATED DEAD LOAD DEFLECTIONS IN THE SUPPORTING STRUCTURE. THE FINISHED SLAB SHALL MEET THE FLATNESS REQUIREMENTS DEFINED IN THE SPECIFICATION.
 - DENOTES FIN. FLOOR

22. PLAN LEGEND:

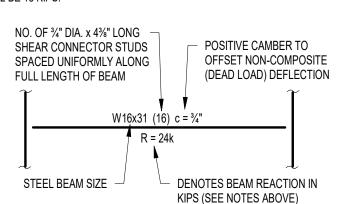
DENOTES TOP OF STEEL, SLAB, ETC. DENOTES BOTTOM OF LINTEL, ETC.

REF. DETAIL ON S-601.

- DENOTES 11/2", 20 GA. GALVANIZED G60 COMPOSITE DECK w/ 31/2" NW CONC SLAB w/ 6x6-W2.1xW2.1 WWF, TOTAL 't' = 5" & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT &
- DENOTES 11/2", 20 GA. PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL ON /S-601. XX/X INDICATED FASTENING PATTERN DENOTES BEAM-TO-COLUMN MOMENT CONNECTION. REF. DETAILS ON
- DENOTES BEAM-THRU-BEAM MOMENT CONNECTION. REF. DETAILS ON S-602.

E5 CATALYST SPRAYED ONE BETWEEN 800-1,000 SF/GAL.

- ——— DENOTES BRACED FRAME OR KICKER LOCATION
- DENOTES APPROX. LOCATION OF OPENING IN DECK/SLAB. REF. DETAILS ON S-601 FOR TYPICAL OPENING FRAMES. FOR MULTIPLE CLOSELY SPACED OPENINGS, TREAT AS ONE LARGE OPENING. 23. WIDE-FLANGE BEAM & GIRDER NOTATION:
- BEAM REACTIONS SHOWN IN KIPS TO BE USED FOR DESIGN OF SHEAR CONNECTION BY STEEL FABRICATOR'S SSE (ALLOWABLE STRESS DESIGN / LOADS UNFACTORED).
- REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS.



TYPICAL COMPOSITE BEAM DIAGRAM

GIBRALTAR DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

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

Email: info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 PROJECT 21-115 DATE 04/15/22 COORDINATED BY

Indianapolis, IN 46260

Homepage: www.GibraltarDesign.com

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DJL

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

DRAWING 2ND FLOOR AND LOW ROOF FRAMING PLAN

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

AD

S-102

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 SIE AND CONFIGURATE TO BE DETERMINED BY TRUSS DESIGNER. 3. TRUSS DESIGNER SHALL DESIGN AND PROVIDE BRACKING 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 ADDN.'L DEAD LOAD AS SHOWN. LOAD PAIR MAY BE LOCATED ANYWHERE ALONG THE BOTTOM CHORD.



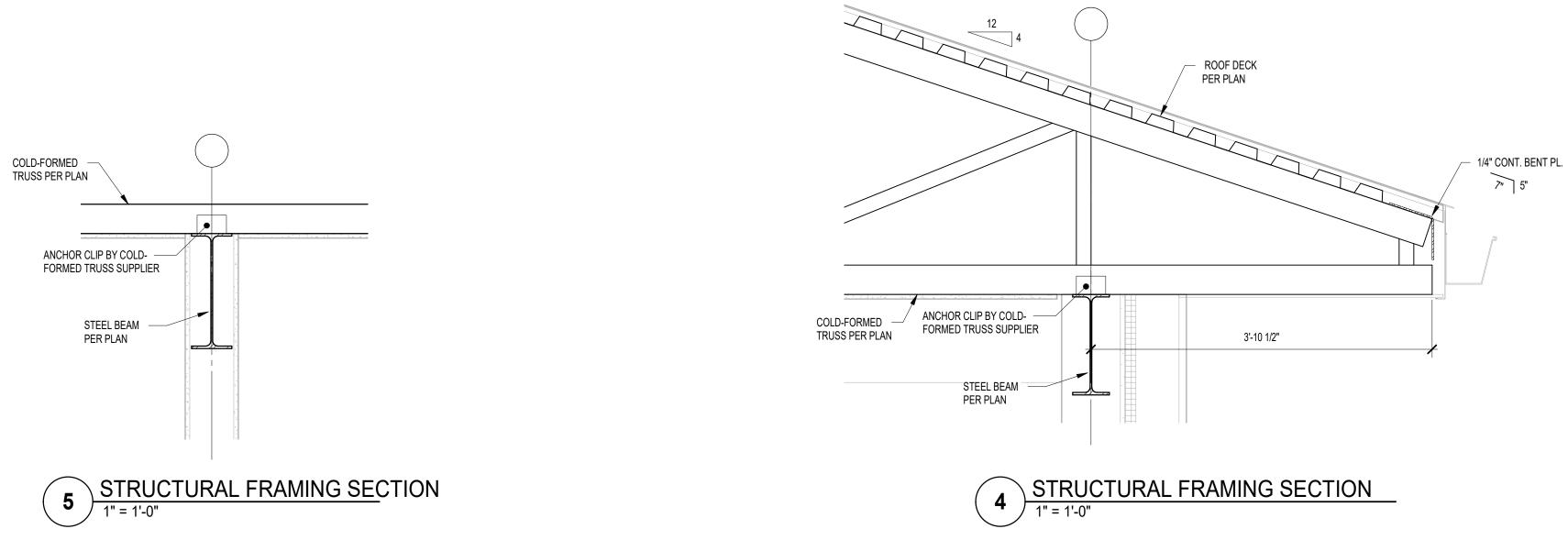
DESIGN

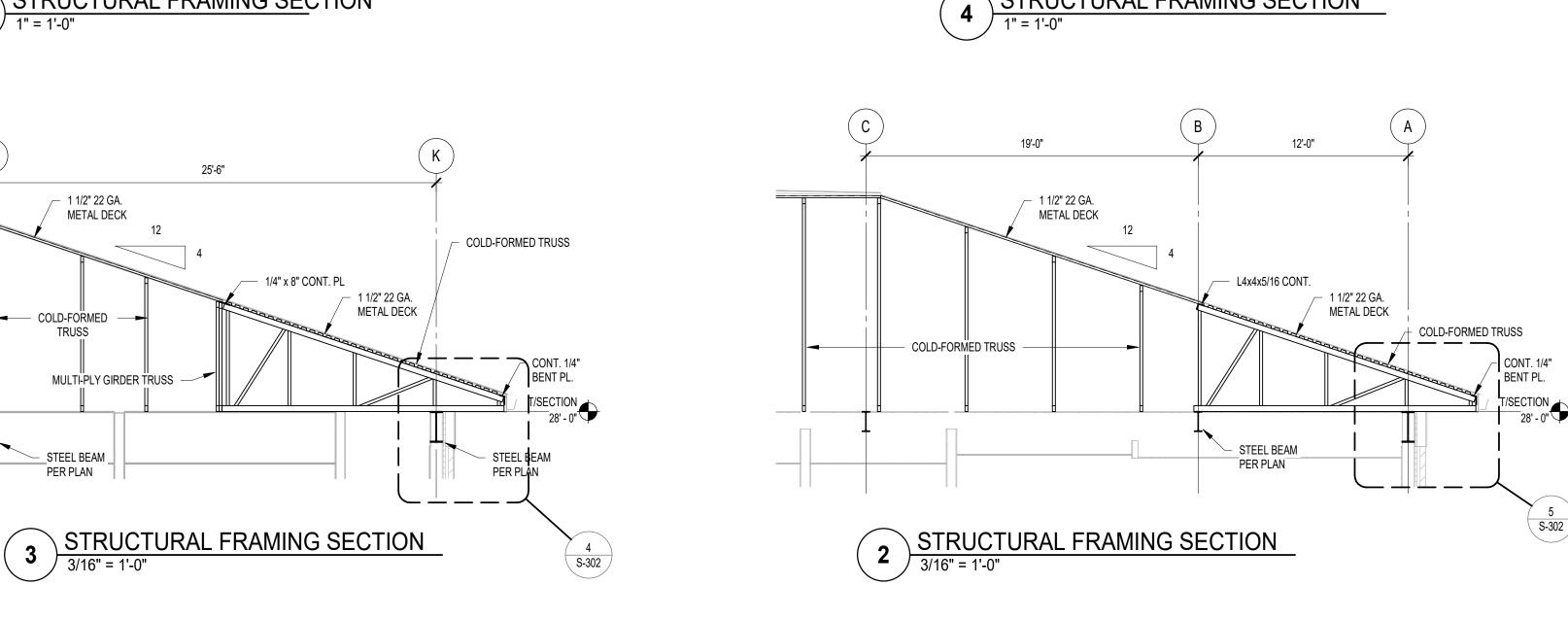
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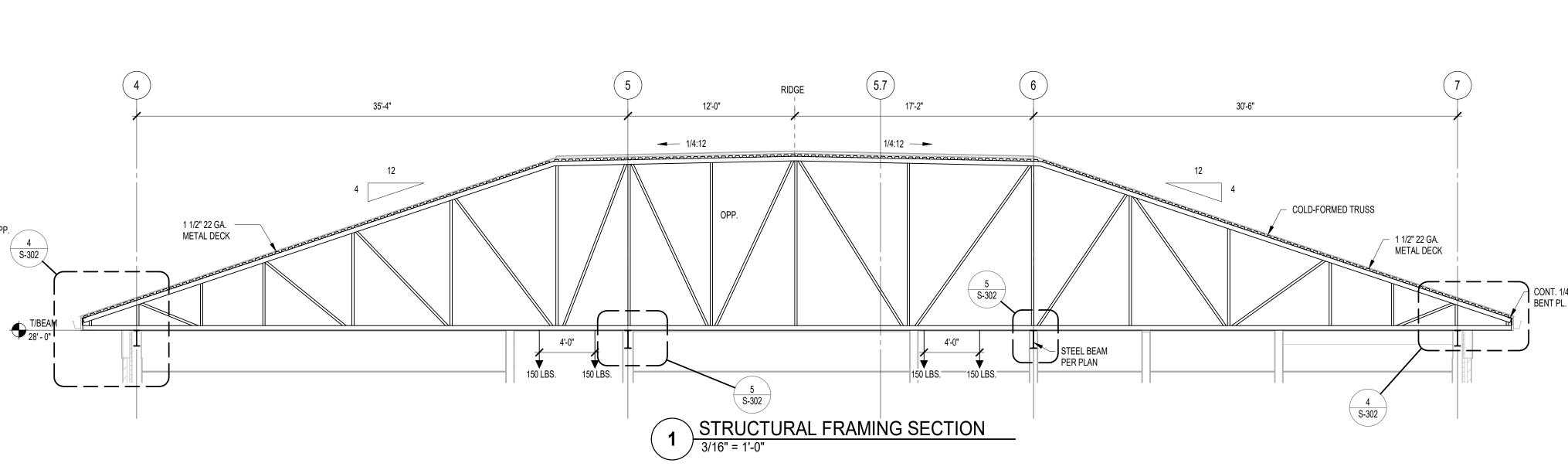
PROJECT:

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

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA







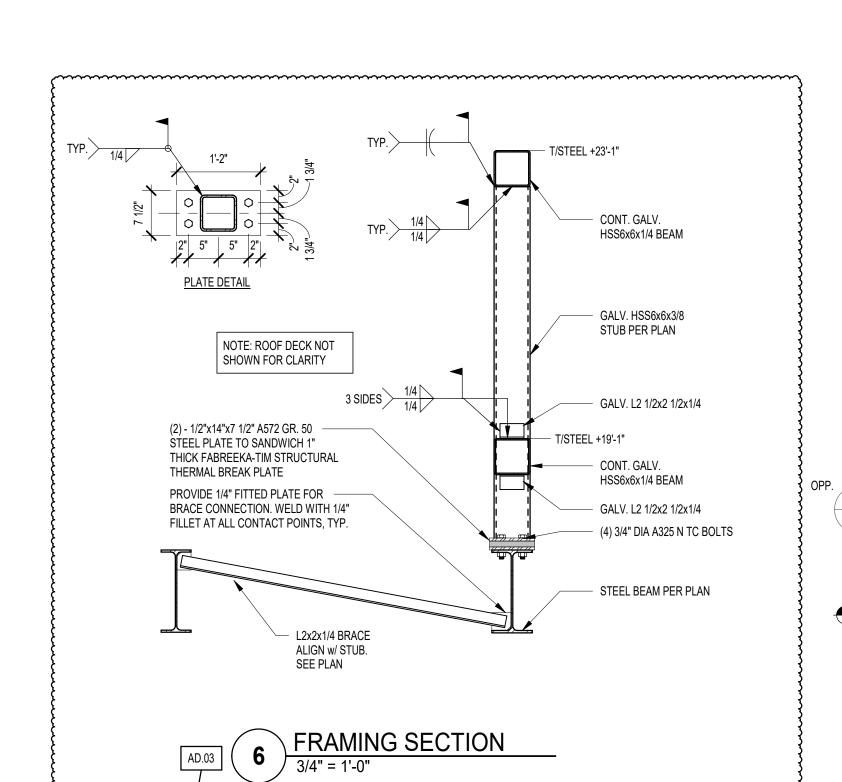
– 1 1/2" 22 GA.

 COLD-FORMED **TRUSS**

STEEL BEAM

PER PLAN

METAL DECK



21-115 DATE

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PROJECT

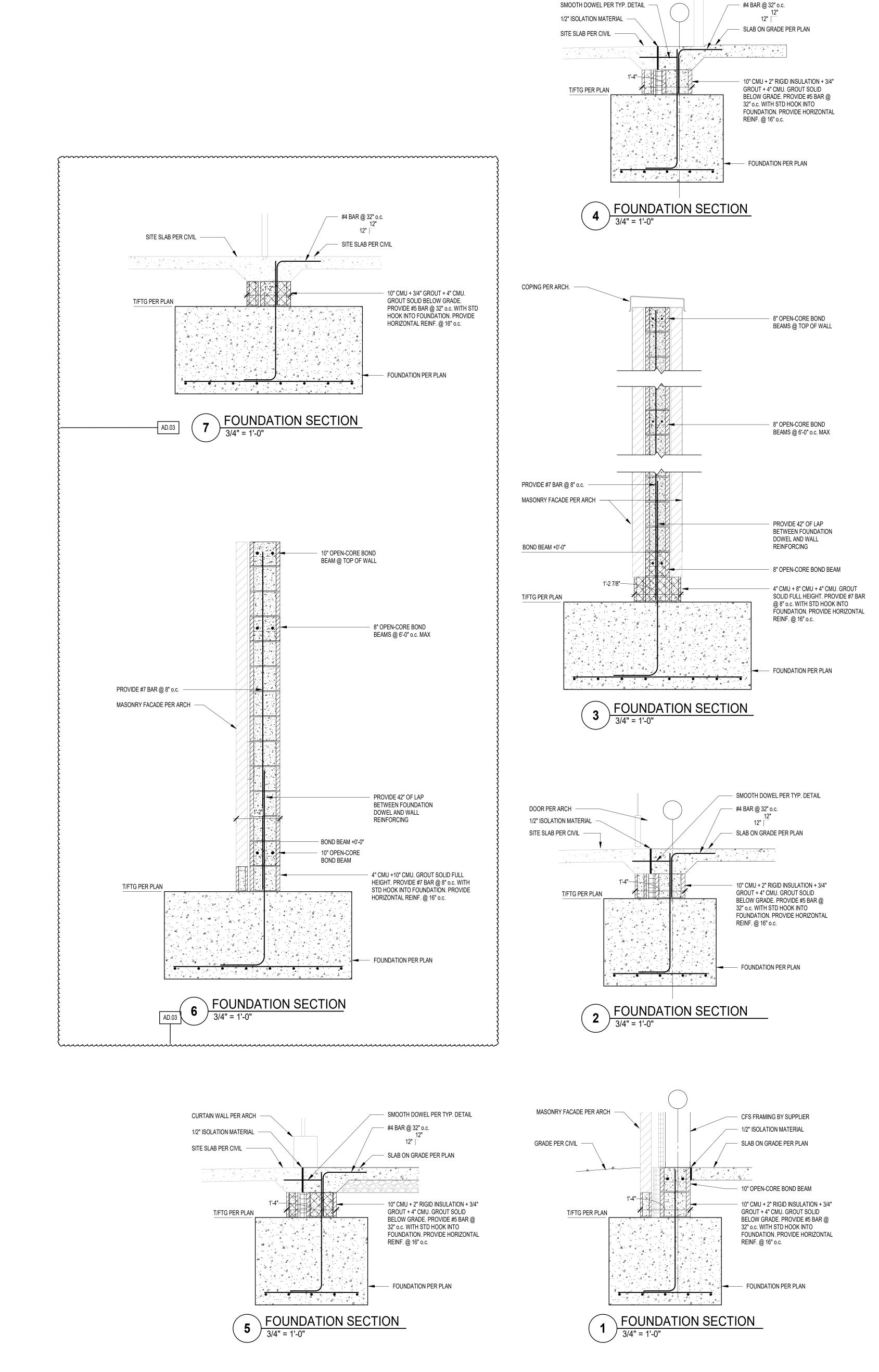
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REVISIONS

MARK DATE ISSUED FOR 5/12/22 ADDENDUM 3

STRUCTURAL BUILDING SECTIONS

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



COILING DOOR PER ARCH —

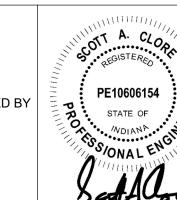


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ADMINISTRATION CENTER, ALTERNATIVE **EDUCATION &** RESOURCE CENTER, AND RELATED WORK CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

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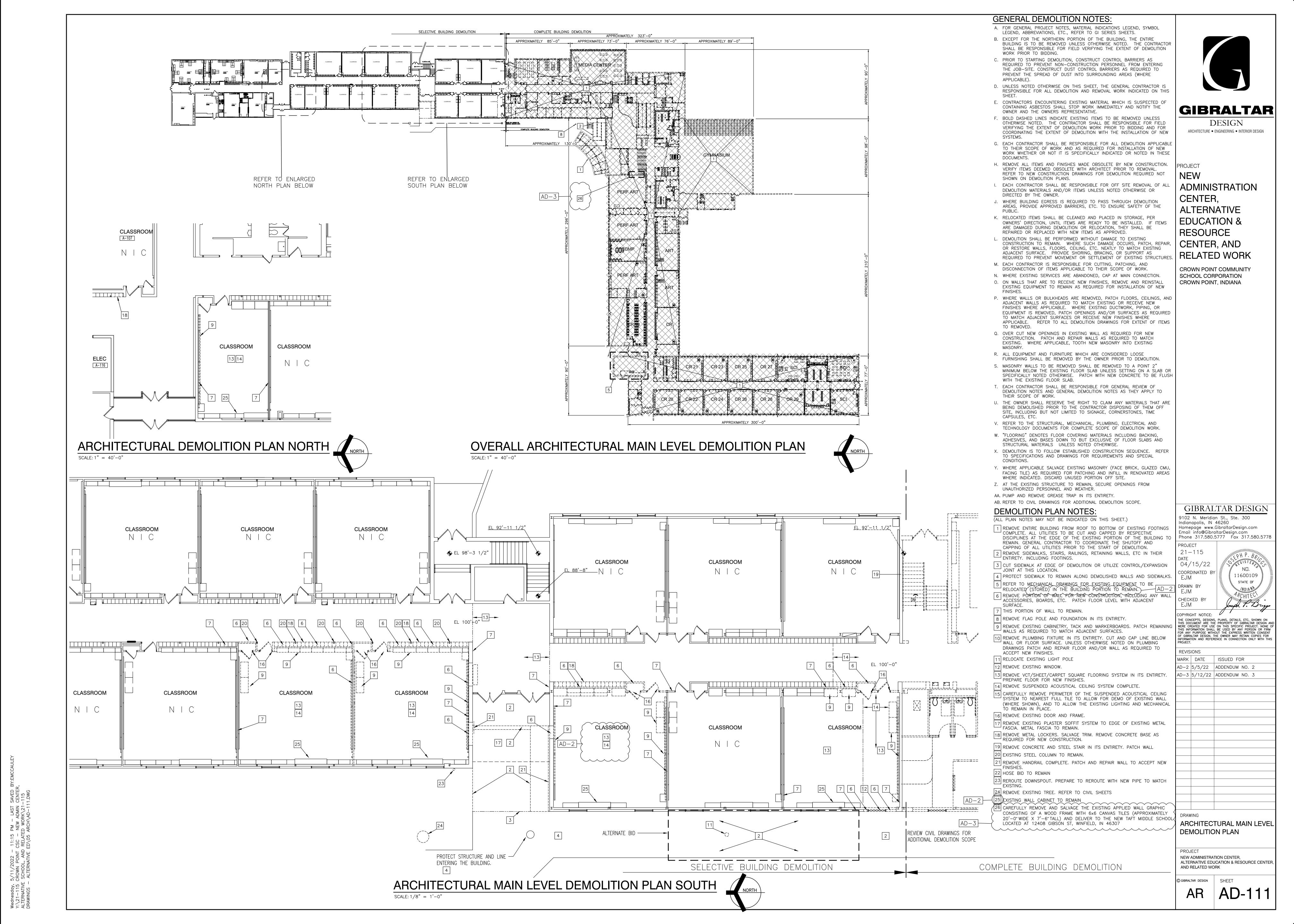


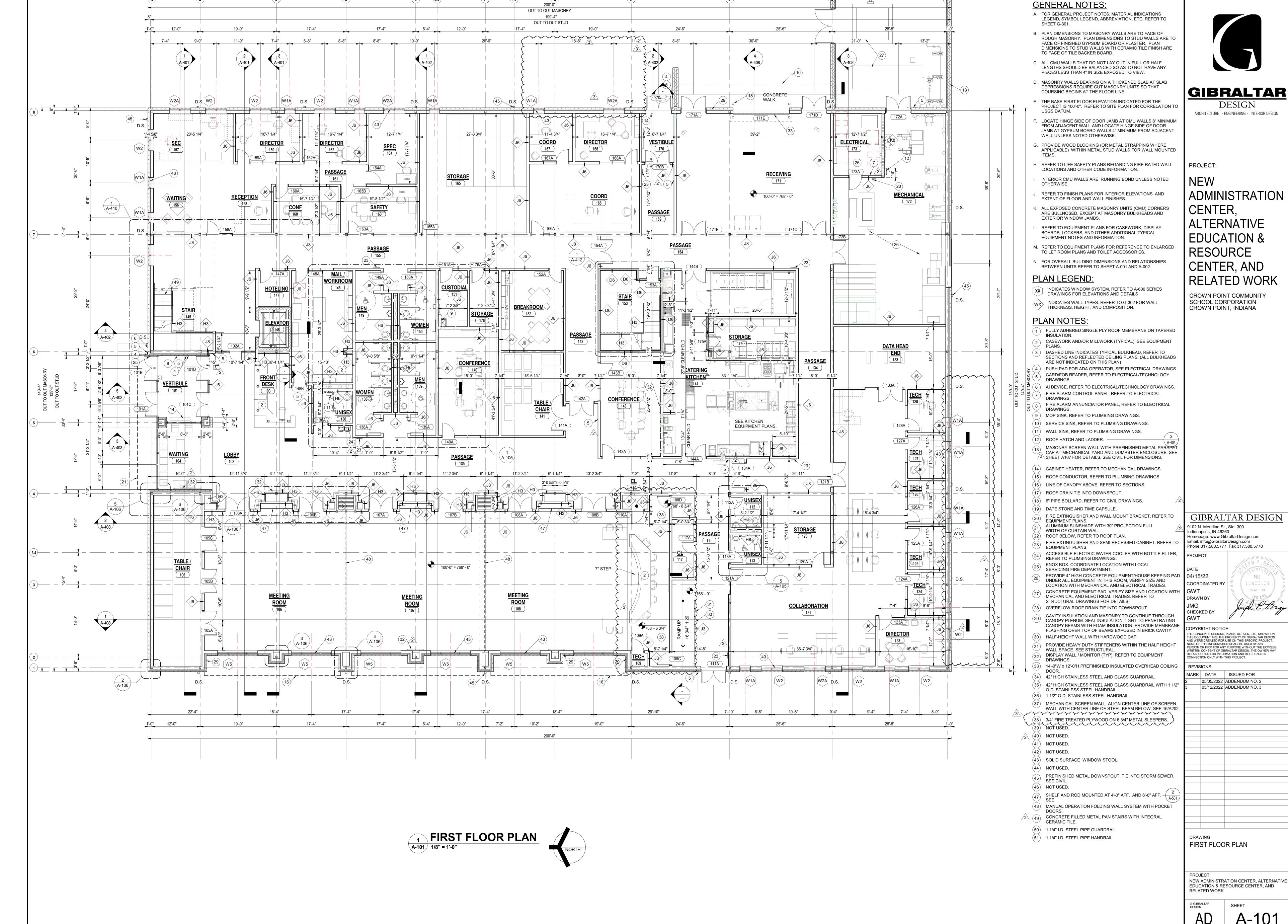
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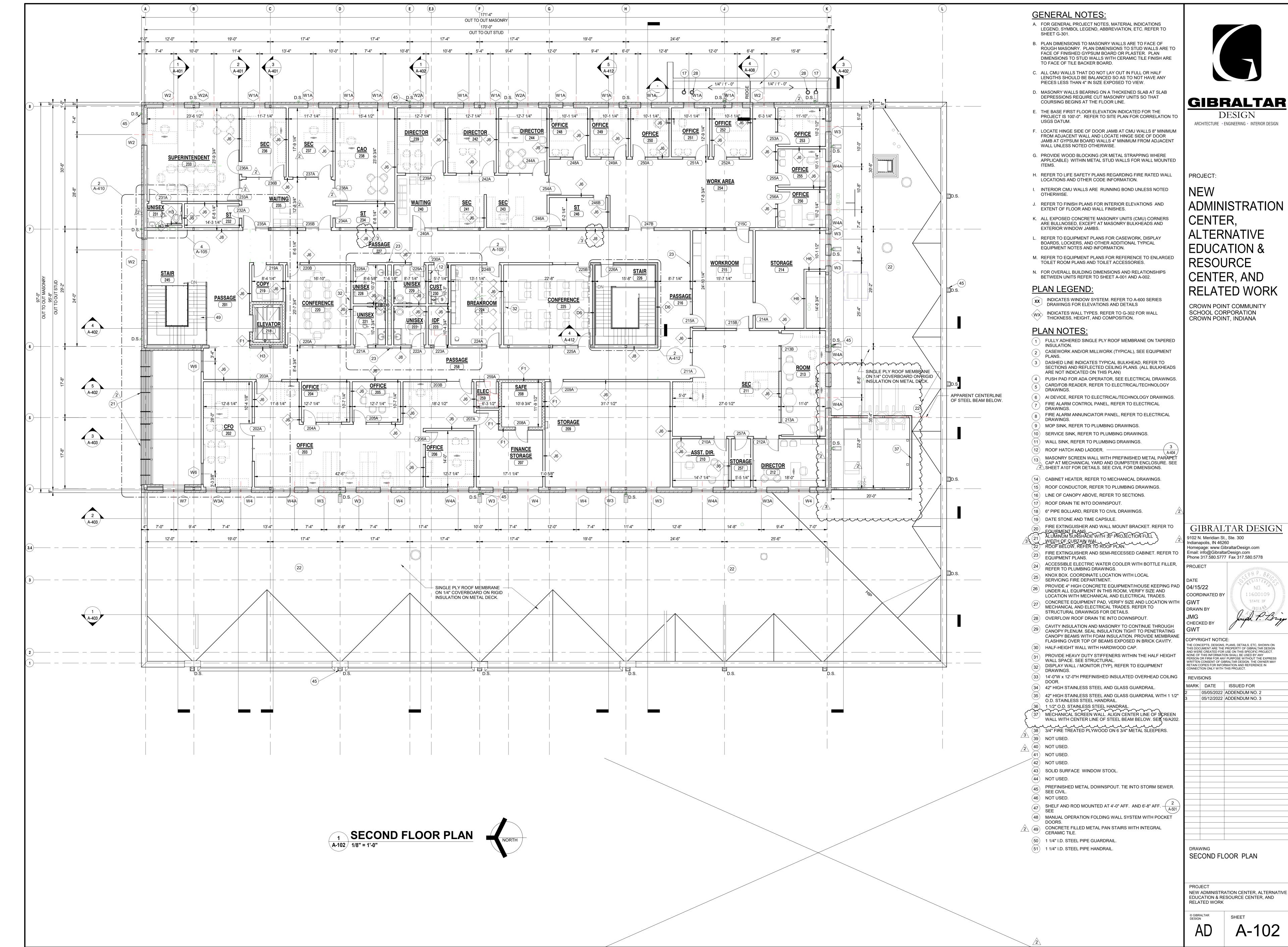
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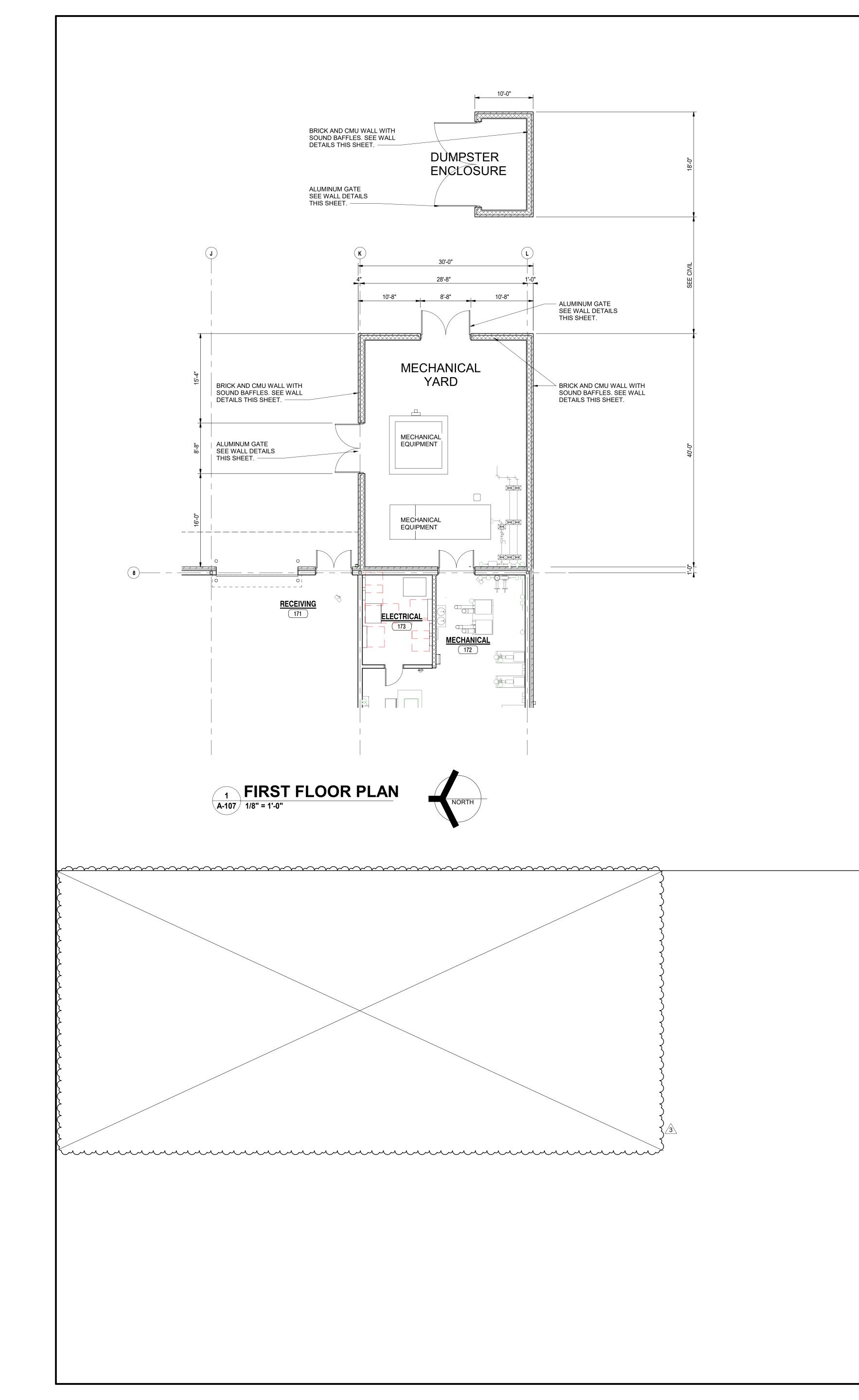
PROJECT NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

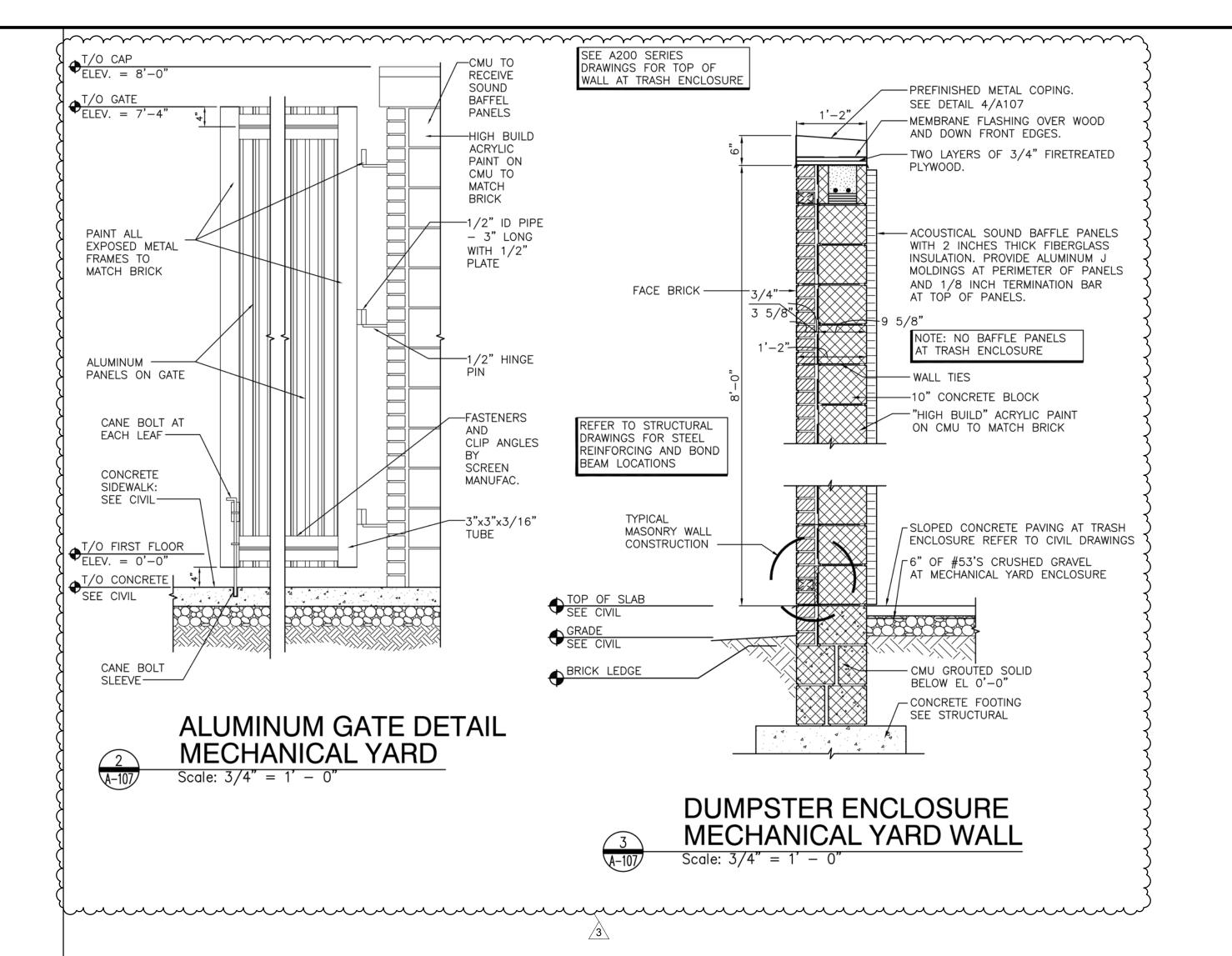




A-101









PROJECT:

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

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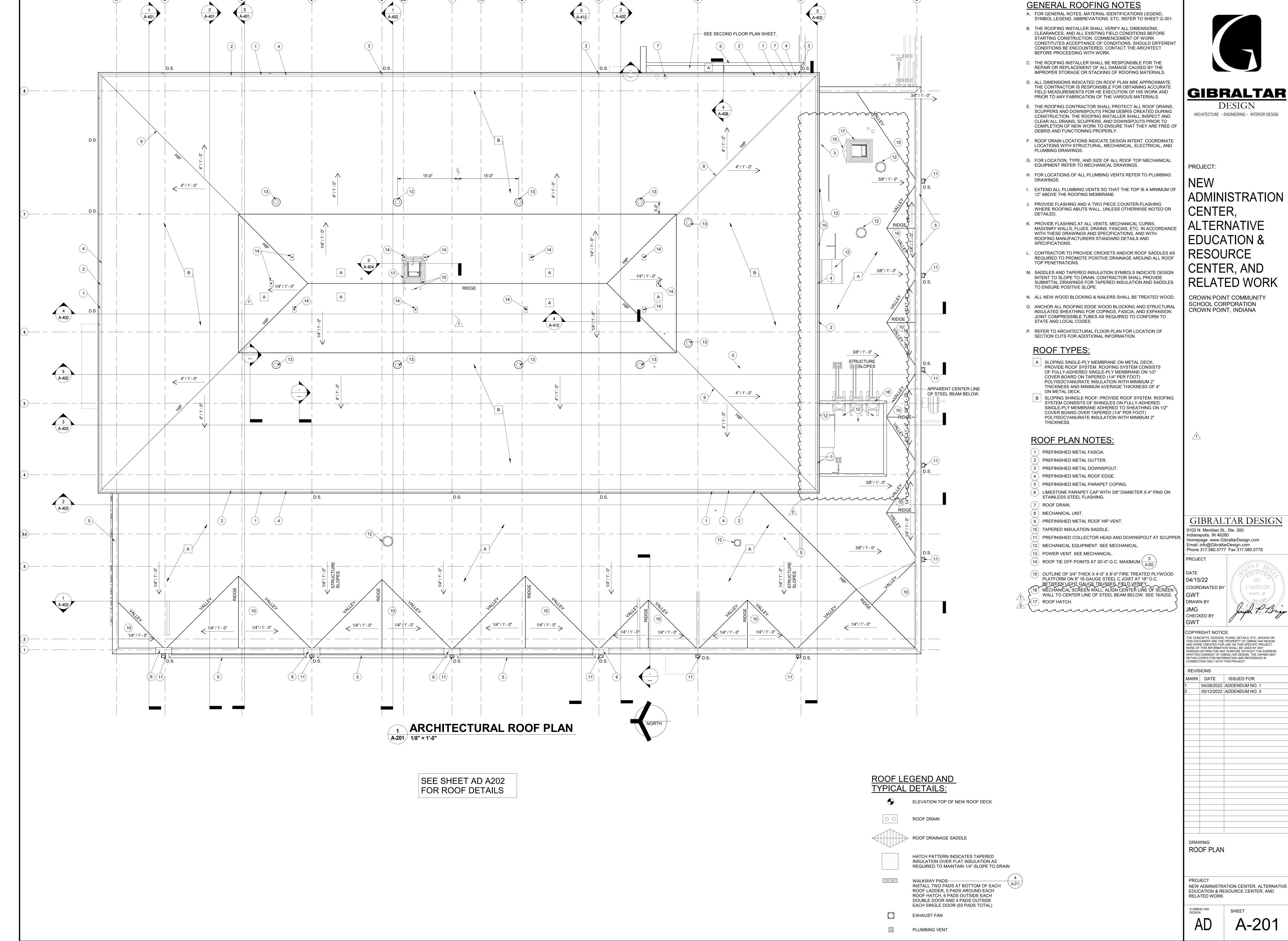
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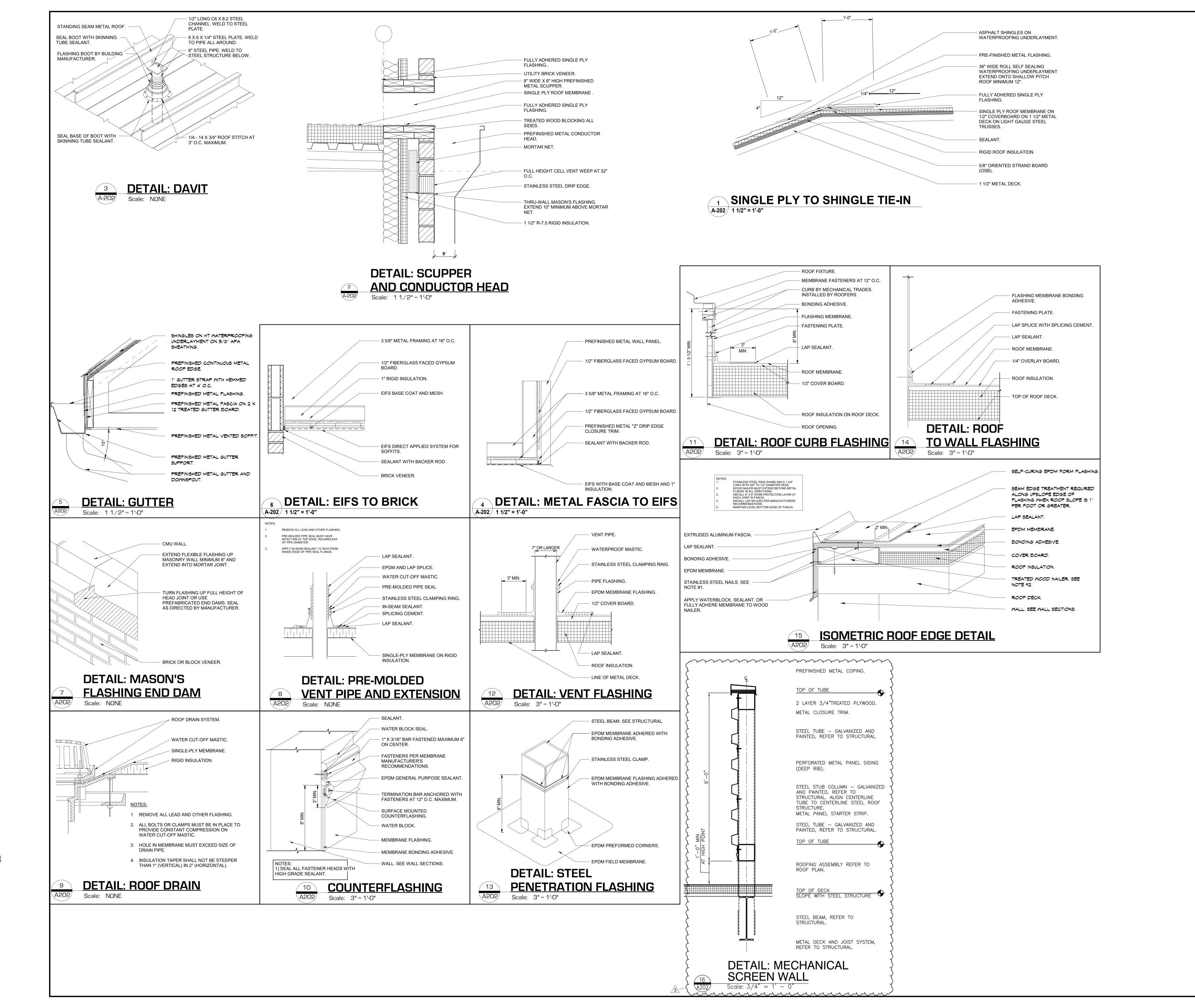
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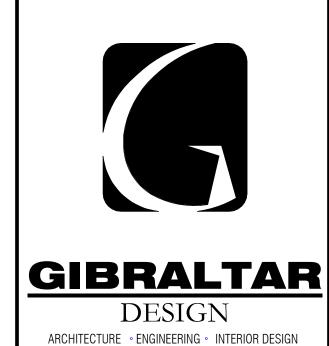
MECHANICAL YARD SCREEN WALL AND DUMPSTER ENCLOSURE

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



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PROJECT

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

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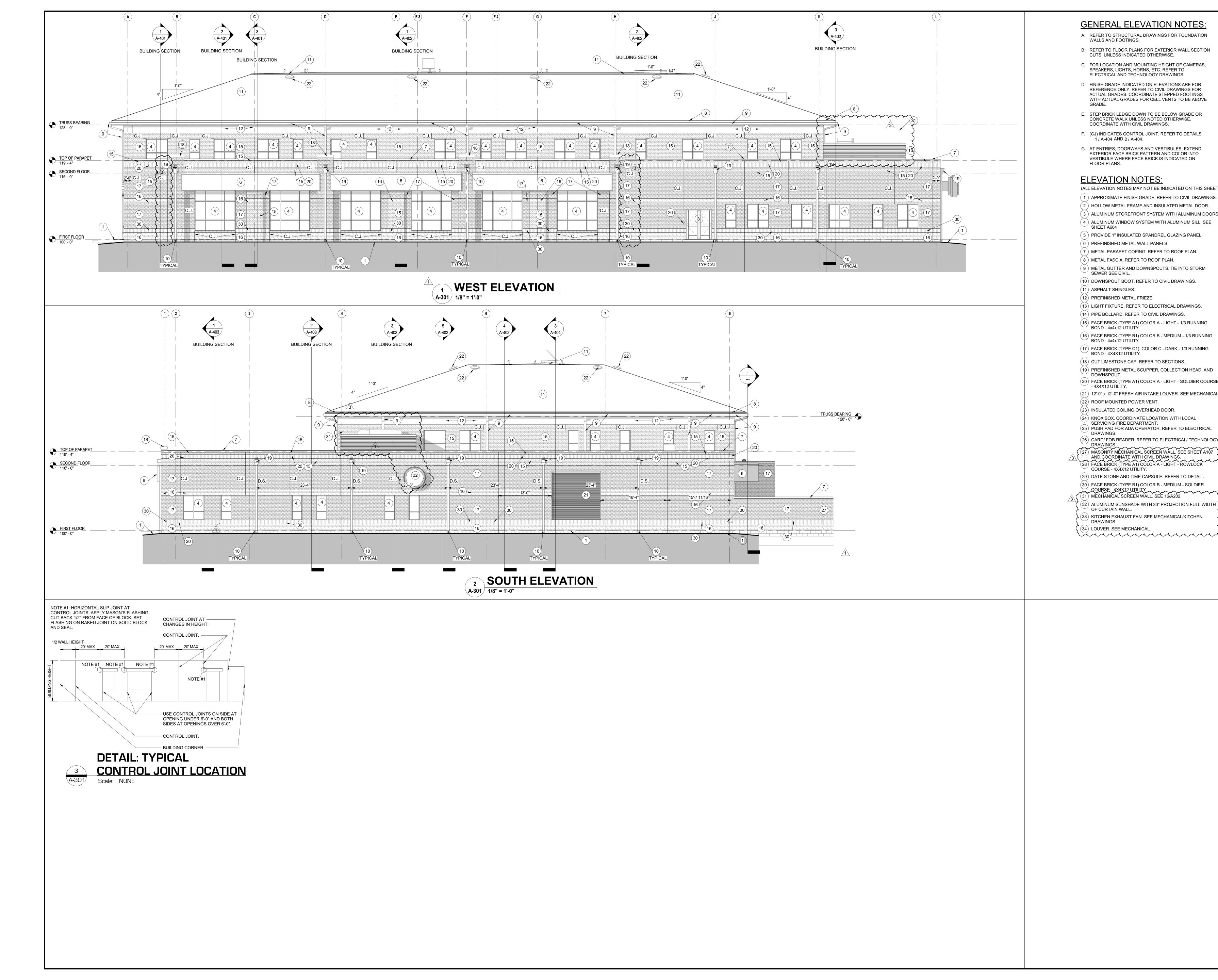
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DRAWING **ROOF DETAILS**

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

A-202



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

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

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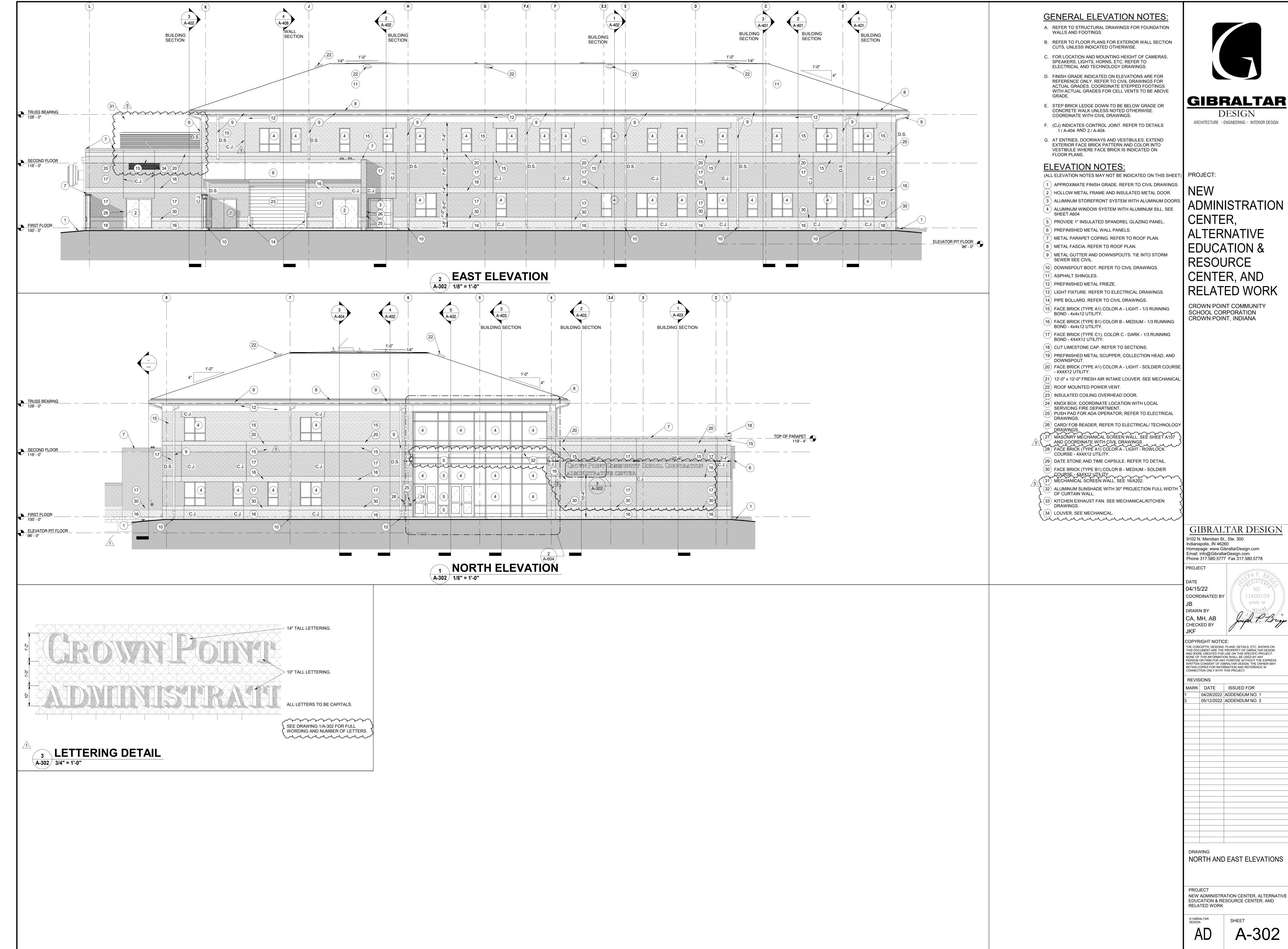
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REVISIONS

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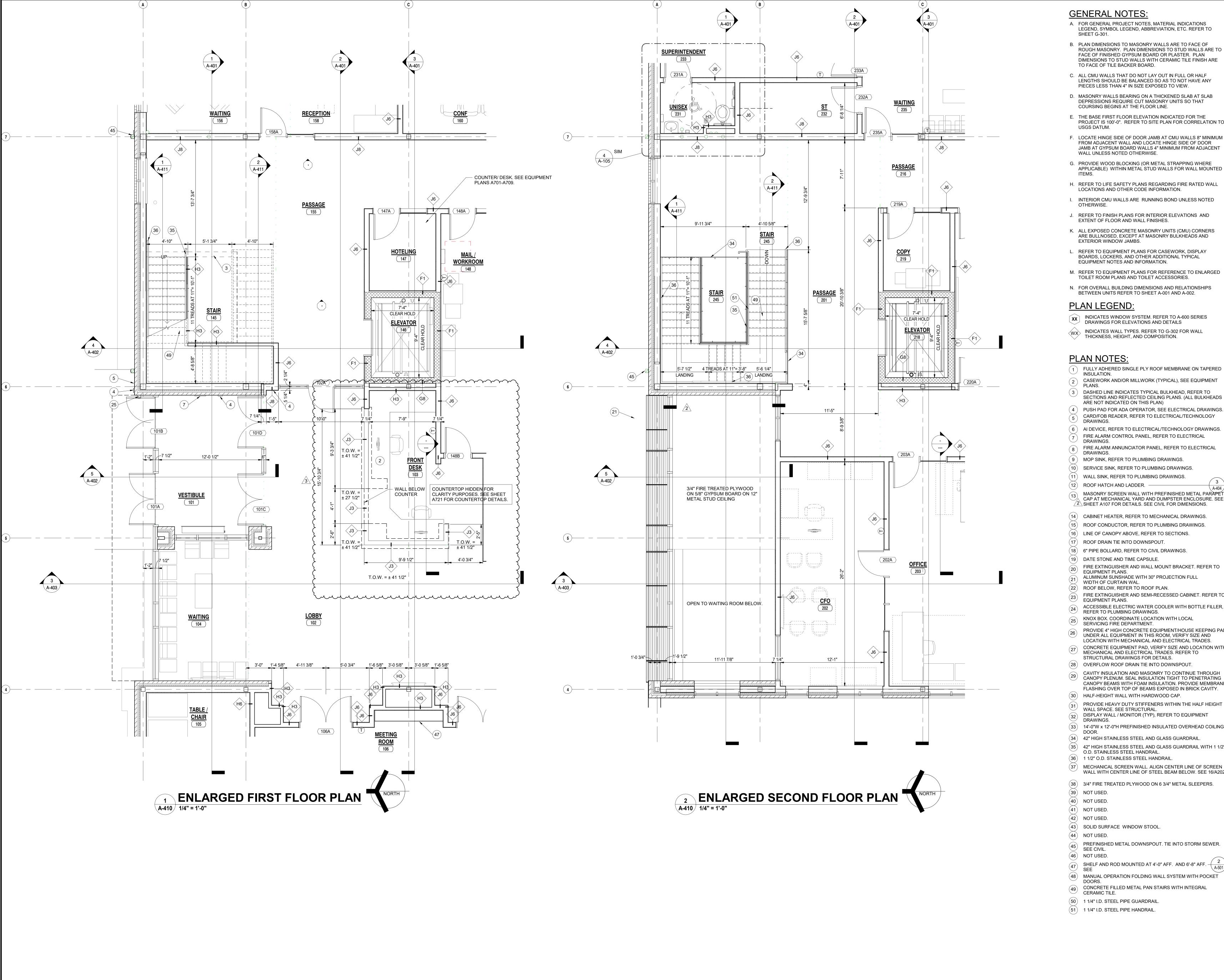
SOUTH AND WEST ELEVATIONS

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



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GENERAL NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC. REFER TO
 - 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
- 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

GIBRALTAR

DESIGN

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ADMINISTRATION

ALTERNATIVE

EDUCATION &

CENTER, AND

CROWN POINT COMMUNITY

SCHOOL CORPORATION

CROWN POINT, INDIANA

RELATED WORK

GIBRALTAR DESIGN

11600109

9102 N. Meridian St., Ste. 300

Homepage: www.GibraltarDesign.com

Email: info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778

Indianapolis, IN 46260

PROJECT

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05/12/2022 ADDENDUM NO. 3

ONNECTION ONLY WITH THIS PROJECT.

MARK DATE ISSUED FOR

RESOURCE

PROJECT:

NEW

CENTER,

- G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) WITHIN METAL STUD WALLS FOR WALL MOUNTED
- H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- I. INTERIOR CMU WALLS ARE RUNNING BOND UNLESS NOTED
- 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.
- 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:

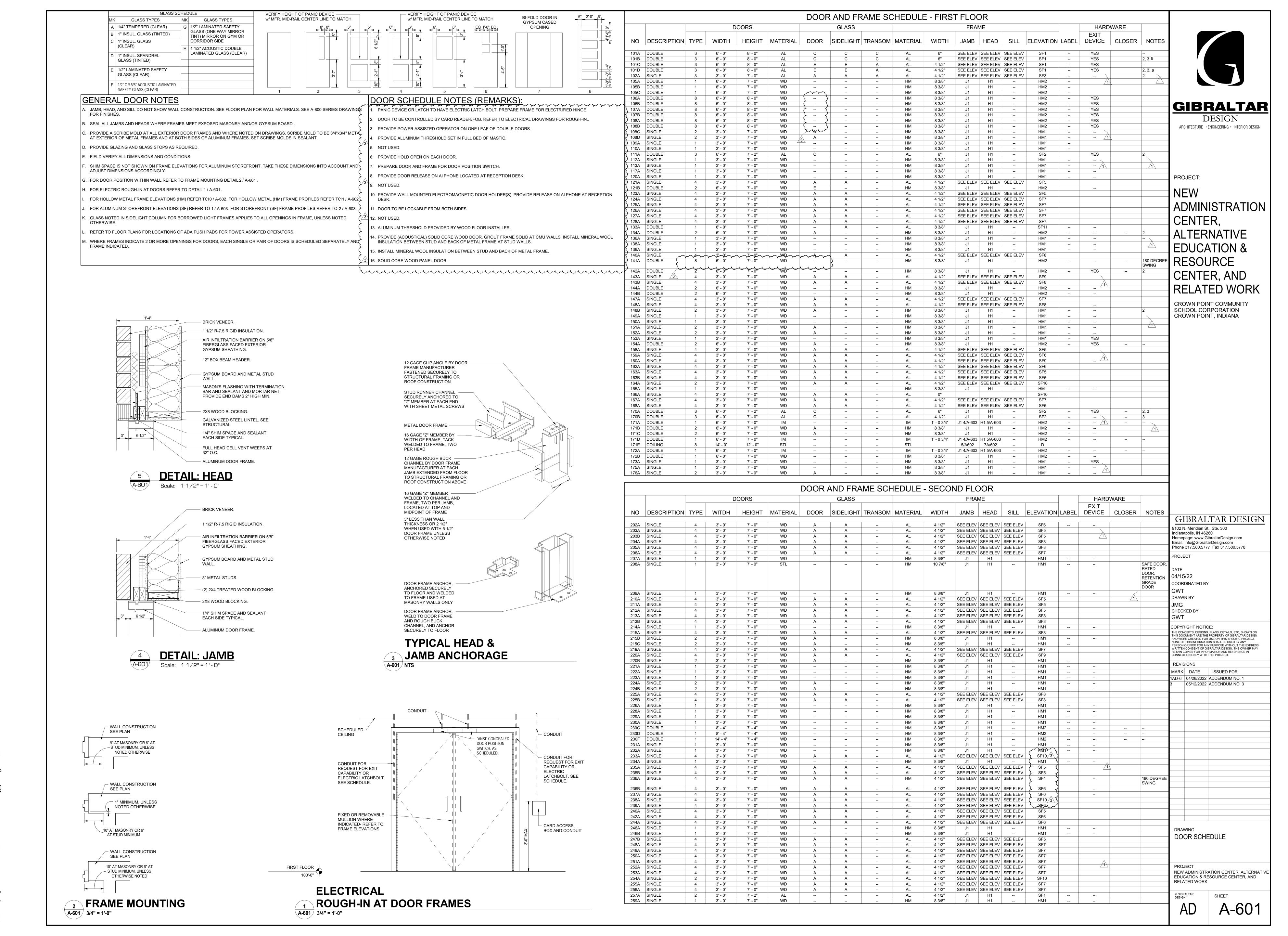
- INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS WX INDICATES WALL TYPES. REFER TO G-302 FOR WALL
- THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

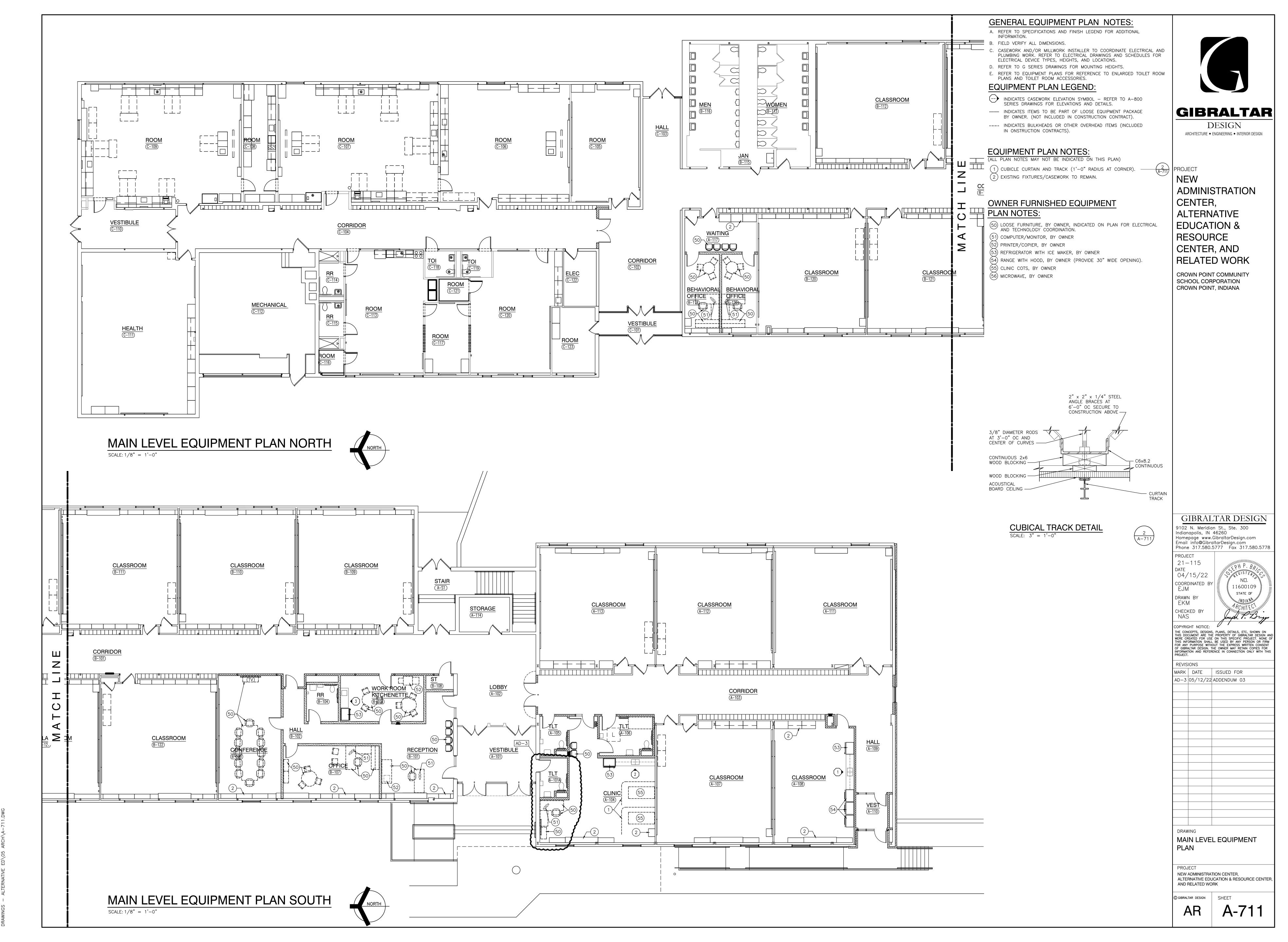
- 1 FULLY ADHERED SINGLE PLY ROOF MEMBRANE ON TAPERED INSULATION. CASEWORK AND/OR MILLWORK (TYPICAL), SEE EQUIPMENT
- (3) DASHED LINE INDICATES TYPICAL BULKHEAD. REFER TO
- SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN)
- (4) PUSH PAD FOR ADA OPERATOR, SEE ELECTRICAL DRAWINGS. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- 6 AI DEVICE, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS. FIRE ALARM CONTROL PANEL, REFER TO ELECTRICAL
- DRAWINGS. FIRE ALARM ANNUNCIATOR 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 $\sqrt{2}$ 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.
- ROOF DRAIN TIE INTO DOWNSPOUT.
- (18) 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS. 19) DATE STONE AND TIME CAPSULE.
- FIRE EXTINGUISHER AND WALL MOUNT BRACKET. REFER TO EQUIPMENT PLANS.
- ALUMINUM SUNSHADE WITH 30" PROJECTION FULL WIDTH OF CURTAIN WAL.
- 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
- SERVICING 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.
- (28) 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.
- (30) 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. (33) 14'-0"W x 12'-0"H PREFINISHED INSULATED OVERHEAD COILING
- (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
- 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.
- PREFINISHED METAL DOWNSPOUT. TIE INTO STORM SEWER. SEE CIVIL.
- SHELF AND ROD MOUNTED AT 4'-0" AFF. AND 6'-8" AFF. $\frac{2}{A-501}$
- (48) MANUAL OPERATION FOLDING WALL SYSTEM WITH POCKET
- 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.

DRAWING ENLARGED STAIR PLANS PROJECT NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

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Thursday, 5/12/2022 — 1:58 PM — LAST SAVED BY:EMC Y:\21—115 CROWN POINT CSC — NEW ADMIN CENTER, ALTERNATIVE SCHOOL, AND RELATED WORK\21—115

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.
- 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 RESONSIBLE TO VERIFY THAT ALL NEW INTERIOR WAL 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 PAINT, P2

BULKHEAD TO BE PAINTED P3 WALLCOVERING, WC4

) WALL TILE, WT3 WALLCOVERING, WC5

WALLCOVERING, WC6 WALLCOVERING, WC1

WALLCOVERING, WC2 (13) FINISHED WOOD TRIM AROUND COAT RACK OPENING

(14) PAINT, P3 (15) TARKETT: CARPET, C3

 $\sim\sim\sim\sim\sim\sim$ ENTIRE SHEET SHALL BE

SUBMITTED IN THIS ADDENDUM

MANNINGTON: CARPET, C2 (16) PAINT, P1

(17) WALL TILE, WT4 (18) SCHLUTER TRIM AT ALL OUTSIDE CORNERS 19 CHAIR RAIL, 1"X4" WITH TWO 1"X1" WOOD TRIM

SLATS BELOW, MITERED CORNERS, FINISHED. (20) BASE BID: FT2 ALTERNATE BID: TZ **GIBRALTAR**

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PROJECT

ADMINISTRATION CENTER, ALTERNATIVE **EDUCAITON &** RESOURCE CENTER, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

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

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DRAWING FIRST FLOOR FINISH PLAN

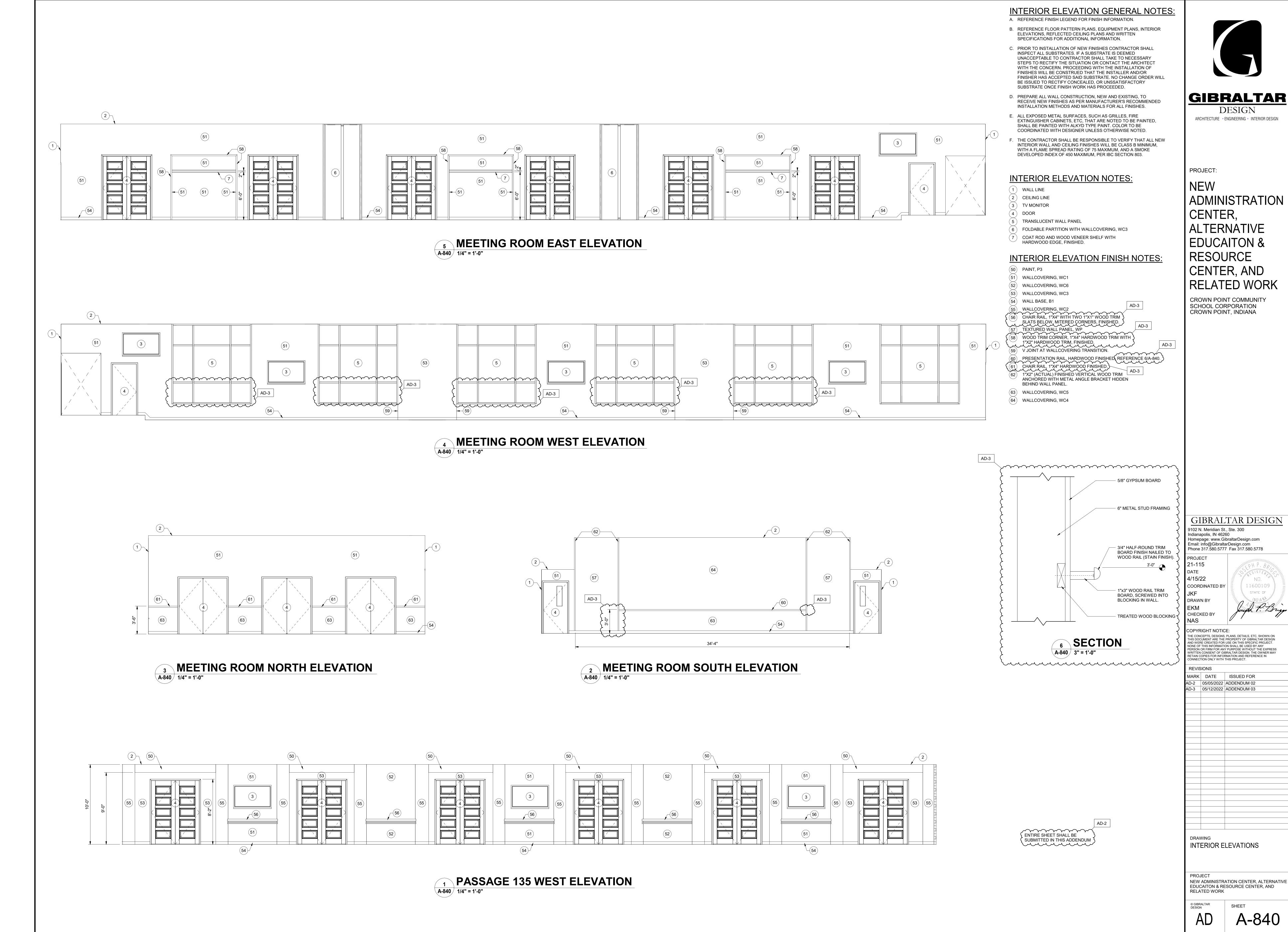
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FIRST FLOOR FINISH PLAN

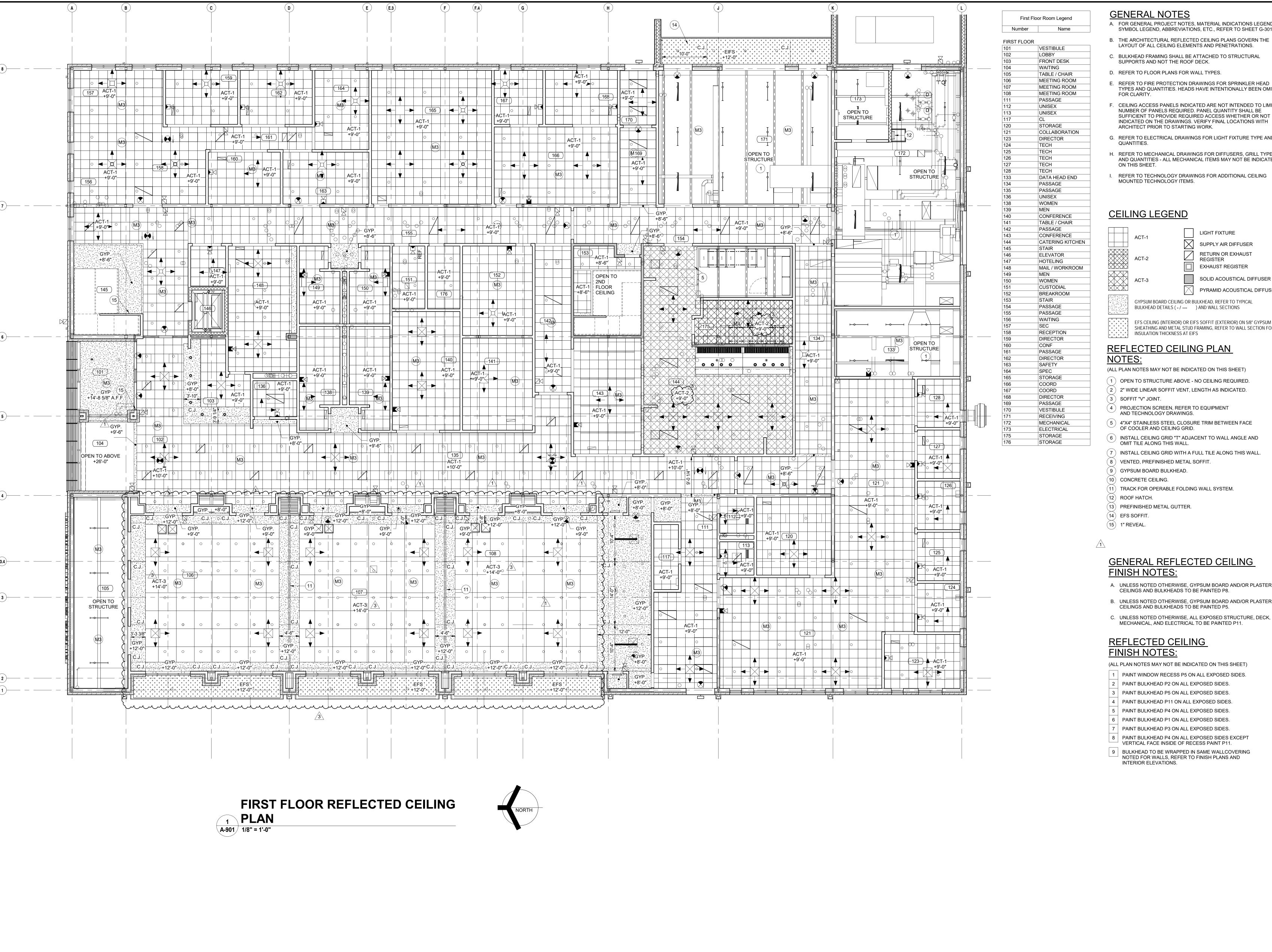
1 A-801 1/8" = 1'-0"

NORTH





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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.

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

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

REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

CEILING LEGEND

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

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.

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

) INSTALL CEILING GRID WITH A FULL TILE ALONG THIS WALL.

9) GYPSUM BOARD BULKHEAD.

10) CONCRETE CEILING.

TRACK FOR OPERABLE FOLDING WALL SYSTEM.

13) PREFINISHED METAL GUTTER.

(15) 1" REVEAL.

GENERAL REFLECTED CEILING **FINISH NOTES:**

A. UNLESS NOTED OTHERWISE, GYPSUM BOARD AND/OR PLASTER CEILINGS AND BULKHEADS TO BE PAINTED P8.

B. UNLESS NOTED OTHERWISE, GYPSUM 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.

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

PAINT WINDOW RECESS P5 ON ALL EXPOSED SIDES.

PAINT BULKHEAD P2 ON ALL EXPOSED SIDES.

PAINT BULKHEAD P5 ON ALL EXPOSED SIDES.

PAINT BULKHEAD P11 ON ALL EXPOSED SIDES. PAINT BULKHEAD P4 ON ALL EXPOSED SIDES.

PAINT BULKHEAD P1 ON ALL EXPOSED SIDES.

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 WALLCOVERING NOTED FOR WALLS, REFER TO FINISH PLANS AND

GIBRALTAR DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

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

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

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REVISIONS MARK DATE ISSUED FOR AD-6 04/28/2022 ADDENDUM NO. 1

05/12/2022 ADDENDUM NO. 3

FIRST FLOOR REFLECTED **CEILING PLAN**

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

FOODSERVICE EQUIPMENT SCHEDULE ≝ | 능 | DESCRIPTION MANUFACTURER 1 | 1 | WALK-IN COOLER/FREEZER KOLPAK 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 INTERMETRO SHELVING 5 | 1 | FREEZER BLOWER COIL PART OF ITEM #1 6 1 FREEZER CONDENSING UNIT PART OF ITEM #1 7 | 3 | FREEZER SHELVING UNIT INTERMETRO 8 1 HI-DENSITY TOP TRACK DRY STORAGE INTERMETRO SHELVING 9 4 DRY STORAGE SHELVING UNIT INTERMETRO 10 1 LINEN STORAGE SHELVING TARRISON 11 | 1 | ISLAND WORKTABLE W/PREP SINK ST. STL. 12 1 Disposer, Garbage In-Sink-Erator 13 1 SPLASH MOUNT FAUCET T&S BRASS 14 2 WALL MOUNT HAND SINK JOHN BOOS 16 5 BUN PAN RACK CHANNEL 17 1 20-qt Mixer Hobart 18 1 Slicer Hobart 19 1 MOBILE WORK TABLE CUSTOM 20 1 Ice Maker w/ Bin Manitowoc Ice 21 1 WORKTABLE CUSTOM 22 1 COMMERCIAL MICROWAVE OVEN PANASONIC 23 1 WALL SHELF CUSTOM 24 4 Utility Cart Lakeside Manufacturing 25 1 ANSUL PULL STATION PART OF ITEM #26 26 1 EXHAUST HOOD ALLIED AIR 28 1 DESK BY ARCHITECT

	FOODSERVICE EQUIPMENT SCHEDULE Copy 1									
DDEL	ITEM #	QTY	DESCRIPTION	MANUFACTURER	MODEL					
STOM	31	1	SINGLE DOOR PASS-THRU REFRIGERATOR	TRAULSEN	AHT132WPUT-FHG					
TROMAX Q	32	1	SINGLE DOOR PASS-THRU HEATED CABINET	TRAULSEN	AHF132WP-FHG					
TROWAXQ	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					
TROMAX Q	37	1	TILT SKILLET	CLEVELAND RANGE	SGL-30-T1					
TROMAX Q	39	1	Fryer, Deep Fat, Gas w/Filter	Henny Penny	OFG321.0					
,	43	1	WORKTABLE	сиѕтом	ST. STL.					
TROMAX Q	44	1	SPLASH MOUNT FAUCET	T&S BRASS	B-0231-CR					
2460-12C	50	1	ICE CADDY	CAMBRO	ICS100L110					
ТОМ	51	1	DISH RACKING OVERSHELF	ADVANCE TABCO	DT-6R-24					
200-7	52	1	SOILED DISH TABLE	сиѕтом	ST. STL.					
J-8WLV-12-CR	53	1	SPLASH MOUNT PRE-RINSE FAUCET	T&S BRASS	B-0133-CR-B-SWV					
IS-W-1410-SSLR	54	1	Disposer, Garbage	In-Sink-Erator	SS-200-7					
A 200-1STD	56	1	DISHWASHER, DOOR TYPE, HIGH TEMP VENTLESS ELECTRIC	HOBART	AM16VLT-2					
3-1	58	1	CLEAN STRAIGHT DISHTABLE	CUSTOM	ST.STL.					
STL.	59	1	WALL SHELF	CUSTOM	ST. STL.					
0420A /D-320	60	2	SPLASH MOUNT FAUCET	T&S BRASS	B-0290					
STL.	61	3	MOBILE DRYING RACK	Metro	PR**VX*-XDR SERIES					
1064F	62	1	WASHER & DRYER	BY ARCHITECT	NOT IN KEC CONTRACT					
STL.	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 ERECTA					
	66	1	CLASS K FIRE EXTINGUISHER	BY OWNER	NOT IN KEC CONTRACT					
T 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					

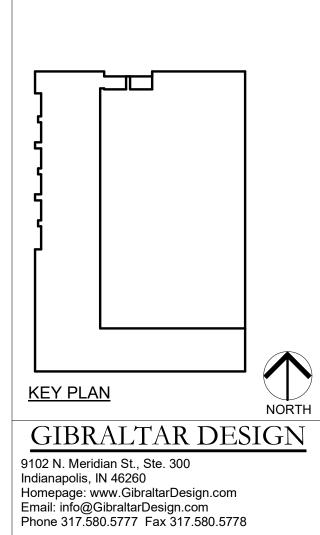


ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

NEW ADMIN. CENTER

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



PROJECT
21-107
DATE
04/15/22
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AD02	05.05.2022	Addendum #02
AD03	05.12.2022	Addendum #03

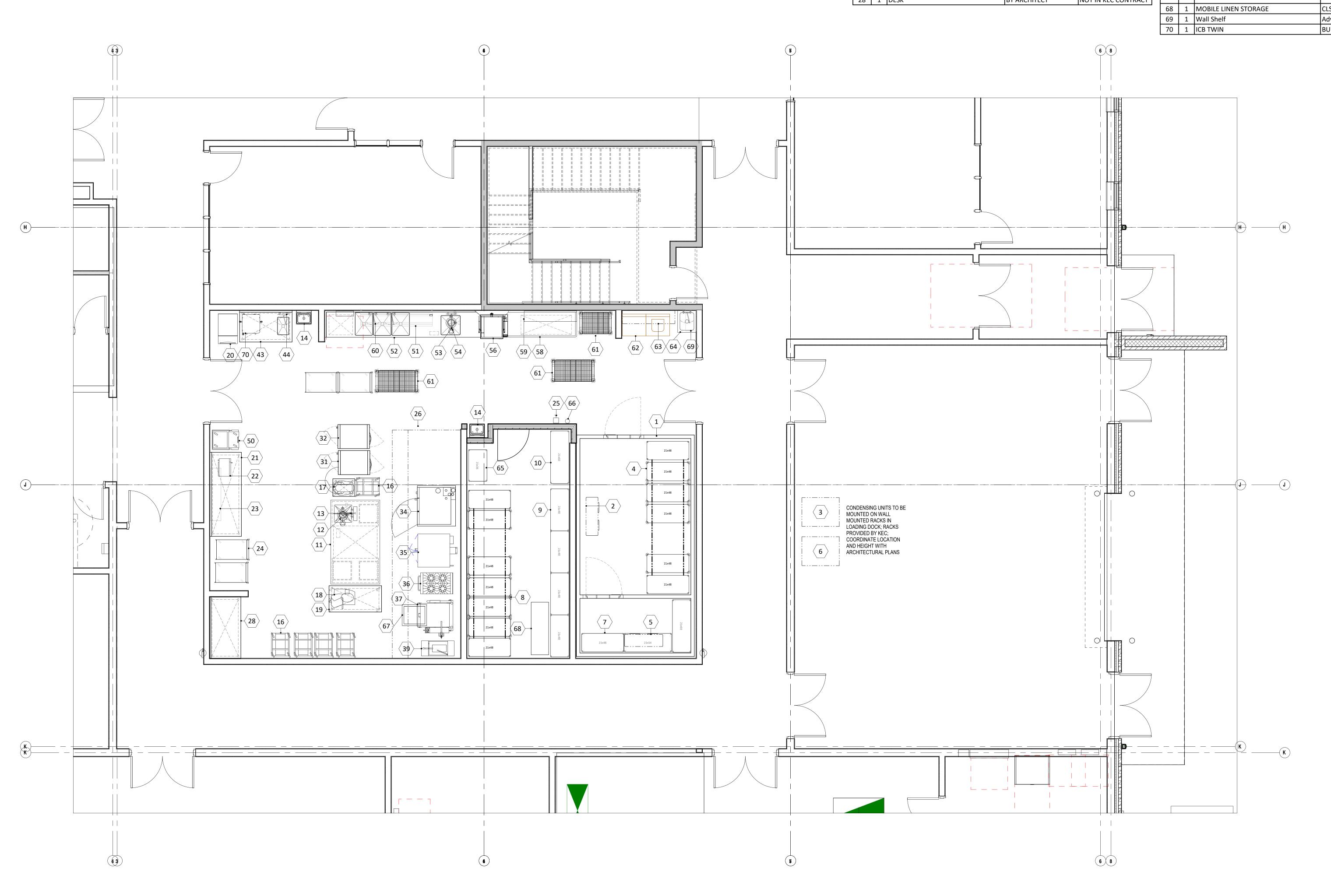
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FOODSERVICE LAYOUT

PROJECT
NEW ADMIN. CENTER

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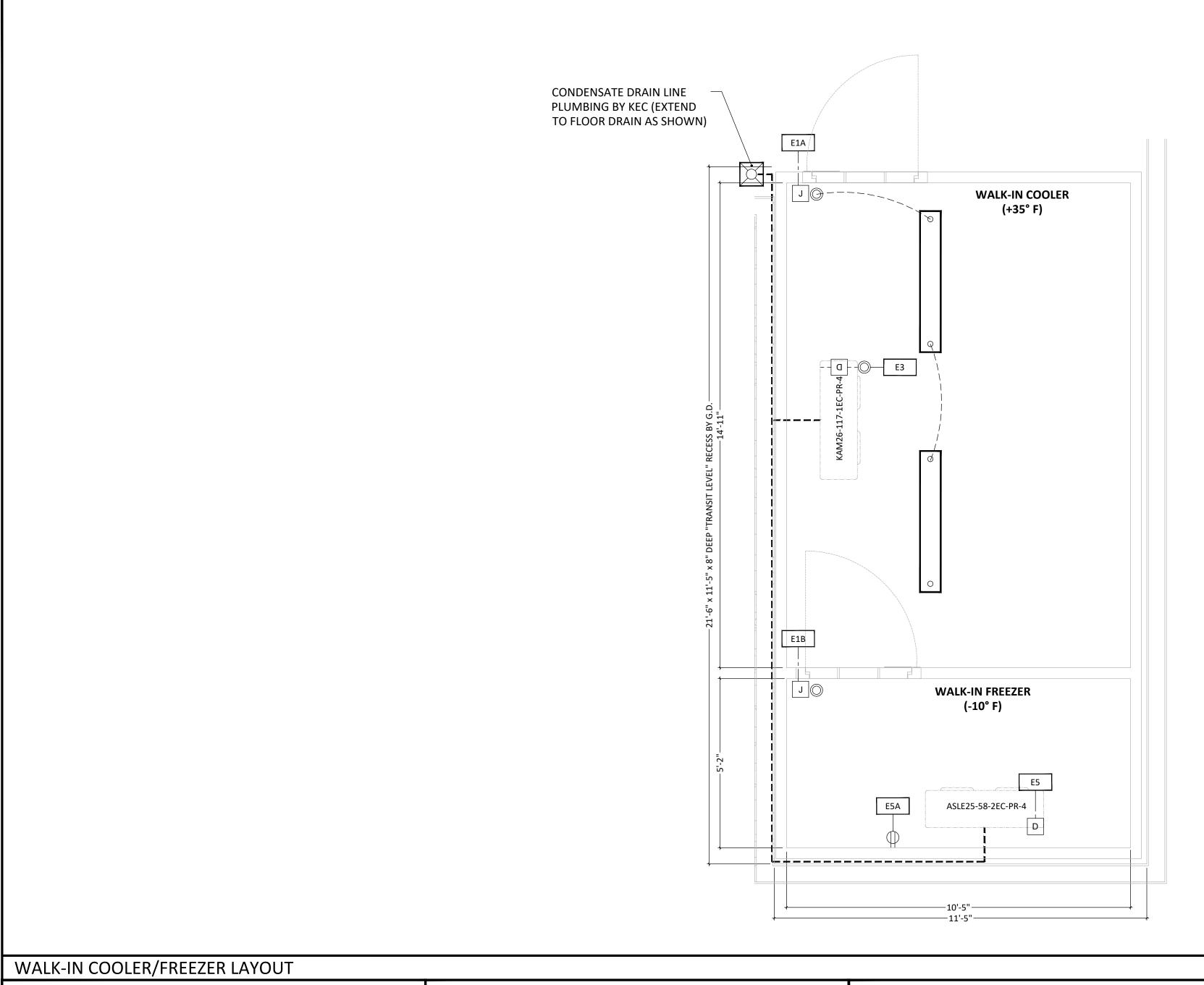
NOT IN USE

BUILDING WALL

-INSULATED WALL PANEL

—"U-SHAPED" ANGLED WALL TRIM

SEALED TO PANEL AND BUILDING



EMT CONDUIT -

LIGHT FIXTURE

LIGHT FIXTURE DETAIL

ELECTRICAL

JUNCTION BOX

HOOK-UP -

CONDUIT

HEATED

VIEWPORT

JUNCTION BOX

(3) CAM LIFT

DOOR AND SILL

JUNCTION BOX

HEATER -

WALK-IN DOOR DETAIL

- U-CHANNEL

FOR ALARM

JUNCTION BOX

-REMOVEABLE TRIM PANEL

THERMOMETER

EXTERIOR INSULATED WALL

AS REQUIRED (BY OTHERS)

BUILDING SUB-FLOOR WITH 6

MIL. VAPOR BARRIER UNDER

– ENTIRE AREA OF WALK-IN AN

TURNED UP ON ALL SIDES OF

AND ALARM

COOLER CONDENSING UNIT

MODEL = PC99MOP-2E

WEIGHT = 156 LBS.

RACK MATERIAL LIST

BASE: 12 Ga. G90 GALVANIZED STEEL

ROOF MOUNTED CONDENSING UNIT DETAIL

FINISHED CEILING LINE ----

INSULATED CEILING PANEL-

JUNCTION BOX FOR

TRANSFORMER

SENSOR LEAD -

WALL PANEL

EXTERIOR INSULATED

RUBBER GROMMET

REFRIGERATION LINE

WALL PANEL

CAULKING

1. FLOOR FINISH THICKNESS TO BE VERIFIED TO CREATE

A LEVEL TRANSITION BETWEEN KITCHEN AND WALK-IN.

VINYL SLEEVE

EXTERIOR INSULATED

ELECTRICAL OR MECHANICAL

REFER TO ARCHITECT'S FLOOR

4" THICK CONCRETE TOPPING

SLAB (3,000 PSI) WITH POLYPROPELENE FIBER MESH —

REINFORCEMENT (1.5#/CY)

ENGINEERED WALK-IN FLOOR

FINISH SCHEDULE

(BY OTHERS)

WALK-IN WALL SECTION DETAIL

- KNOCK-OUT BOX

- INSULATED CEILING PANEL

NOT TO SCALE

DOOR CLOSER

RELIEF PORT

HEATED PRESSURE

TRANSFORMER

JUNCTION BOX

THERMOMETER &

ALARM JUNCTION

VIEWPORT

LIGHT SWITCH

JUNCTION BOX

_ DOOR PULL W/

- CAULKING

EMT CONDUIT

WALK-IN COOLER/FREEZER **OPTIONS/ACCESSORIES SCHEDULE**

HEIGHT DIMENSIONS

OUTSIDE DIM. = 9'-0" 10'-8" INSIDE DIM. = 8'-8" 10'-0"

FREEZER:

OUTSIDE DIM. = 9'-0" 10'-8" INSIDE DIM. = 8'-8" 10'-0" minimum

EXTERIOR FINISH EXPOSED WALLS:

UNEXPOSED WALLS:

DOOR SECTION:

26 GA. EMBOSSED GALV. STEEL (WHITE BAKED-ON ENAMEL) 26 GA. SMOOTH GALV. STEEL TO MATCH ADJACENT EXTERIOR WALLS

TO MATCH ADJACENT EXTERIOR WALLS

INTERIOR FINISH

26 GA. EMBOSSED GALV. STEEL (WHITE BAKED-ON ENAMEL) CEILING: 26 GA. EMBOSSED GALV. STEEL (WHITE BAKED-ON ENAMEL) DOOR:

TO MATCH ADJACENT INTERIOR WALLS TO MATCH ADJACENT INTERIOR WALLS

36" COOLER/FREEZER DOOR OPTIONS

ONE (1) KASON INDUSTRIES 27C LOCKING HANDLE ONE (1) KASON INDUSTRIES 1094 PERFORMER WALK-IN DOOR CLOSER ONE (1) KASON INDUSTRIES THERMAFLEX DOUBLE SWING VINYL DOOR ONE (1) PRE-WIRED KASON INDUSTRIES 1807LW LED FIXTURE

ONE (1) 14"x24" VIEWPORT W/ HEAT REFLECTIVE TRIPLE PANE GLASS 36" HIGH 1/8" DIAMOND ALUMINUM KICKPLATES (IN & OUT) MODULARM MODEL #75LC MULTI-MONITOR ALARM/THERMOMETER HEATED AIR PRESSURE RELIEF PORT PRE-WIRED DOOR JAMB HEATER (FREEZER DOOR ONLY)

PRE-WIRED THRESHHOLD AND SILL HEATER (FREEZER DOOR ONLY)

WALK-IN ACCESSORIES

(LOT) VERTICAL TRIM STRIPS (MATCH EXTERIOR FINISH) SEAL TO WALK-IN & BUILDING WALL (LOT) CLOSURE PANELS (MATCH EXTERIOR FINISH) FROM TOP OF WALK-IN TO FINISHED CEILING (LOT) 36" HIGH 1/8" DIAMOND ALUMINUM WAINSCOTTING ON EXPOSED FRONT & SIDE WALL (LOT) KASON 1809-4 LED LIGHT FIXTURES TO MEET LIGHTING REQUIREMENTS

WALK-IN COOLER/FREEZER **ELECTRICAL SCHEDULE**

	WALK-IN COOLER (+35° F) ELECTRIC	AL REQU	JIREMENTS			
ITEM	EQUIPMENT DESCRIPTION	VOLTAGE	PHS	AMP	HP	AFF	REMARKS
E1A	LIGHTS AND DOOR OPTIONS	120	1	20.0		DFA	
E3	WALK-IN COOLER EVAPORATOR FANS	120	1	5.0		DFA	
E2	WALK-IN COOLER CONDENSING UNIT	208	3	7.2	1.0	PAD	

	WALK-IN FREEZER	WALK-IN FREEZER (-10° F) ELECTRICAL REQUIREMENTS												
ITEM	EQUIPMENT DESCRIPTION	VOLTAGE	PHS	AMP	НР	AFF	REMARKS							
E1B	LIGHTS AND DOOR OPTIONS	120	1	20.0		DFA								
E5A	HEATED DRAIN TAPE	120	1	15.0		96"	BACK WALL							
E5	WALK-IN FREEZER EVAPORATOR FANS	208	1	5.0		DFA	FROM E1G							
E5	WALK-IN FREEZER EVAPORATOR HEATER	208	1	9.0		DFA	FROM E1G							
E4	WALK-IN FREEZER CONDENSING UNIT	208	3	12.6	1.50	PAD								

WALK-IN COOLER/FREEZER **RESPONSIBILITIES BY OTHER TRADES**

GENERAL DIVISION:

RECESS AND TRANSIT LEVEL ENTIRE WALK-IN COOLER/FREEZER AREA TO A DEPTH OF 8" TO RECEIVE WALK-IN COOLER/FREEZER INSULATED FLOOR PANELS. FURNISH AND INSTALL 6 MIL. VAPOR BARRIER (JOINTS TO OVERLAP A THICK CONCRETE TOPPING SLAB (3,000 PSI) WITH POLYPROPELENE FIBER MESH REINFORCEMENT (1.5#/CY).DEPRESSION TO BE CONSTRUCTED AS TO PROVIDE A LEVEL TRANSITION FROM FLOOR FINISH IN KITCHEN AREA TO THE FLOOR FINISH IN WALK-IN COOLER/FREEZER. (VERIFY REQUIRED DEPRESSION THICKNESS WITH WALK-IN MANUFACTURER'S SHOP DRAWING

FURNISH AND INSTALL ALL SLEEVES THROUGH BUILDING WALLS AND ROOF AS REQUIRED FOR KEC TO RUN REFRIGERATION LINES FROM WALK-IN COOLER/FREEZER TO WALK-IN COOLER/FREEZER COMPRESSORS. SLEEVES TO BE LOCATED AND COORDINATED IN FIELD BY KEC.

FRAME ROOF CURB OPENINGS AS REQUIRED. COORDINATE JOIST OR STRUCTURAL MEMBER INSTALLATION TO PROVIDE REQUIRED STRUCTURAL SUPPORT FOR WALK-IN COOLER/FREEZER COMPRESSORS. CUT OPENINGS IN ROOF FOR ACCESS TO CURBS AND PITCH POCKETS. FURNISH AND INSTALL ADEQUATE STRUCTURAL SUPPORT FOR WALK-IN COOLER/FREEZER

SET-IN-PLACE AND FLASH (WITH CANT IF REQUIRED) ROOF CURBS AND EQUIPMENT SUPPORT RAIL FURNISHED BY THE WALK-IN COOLER/FREEZER SYSTEM MANUFACTURER.

ELECTRICAL DIVISION:

FURNISH AND INSTALL ALL CONDUIT AND WIRING NECESSARY BETWEEN EVAPORATOR COILS, CONDENSING UNITS, AND ELECTRICAL DISCONNECTS.

FURNISH AND INSTALL ALL FINAL ELECTRICAL HOOK-UPS AND DISCONNECTS TO LIGHTS AND ALL HEATED DOOR OPTIONS IN WALK-IN COOLER/FREEZER UNIT.

FURNISH AND INSTALL ALL WIRING AND CONDUIT ABOVE AND ON THE OUTSIDE OF THE WALK-IN COOLER/FREEZER COMPARTMENT. ALL PENETRATIONS THRU WALLS AND CEILING ARE TO BE EQUIPPED WITH "SEAL-OFFS" AND SEALED WITH SILICONE AT EACH JUNCTION BOX TO PREVENT MOISTURE FROM COLLECTING IN FIXTURE.

MECHANICAL DIVISION:

FREEZER CONDENSING UNIT

MODEL = PC149LOP-2E

WEIGHT =177 LBS.

KEC TO PROVIDE WALL MOUNTED RACK(S) FOR

(2) CONDENSING UNITS MOUNTED ON WALL

IN LOADING DOCK; COORDINATE LOCATION

minimum management and the contraction of the contr

FUSED RAIN TIGHT

- DISCONNECT SWITCH

ARCHITECT/CONTRACTOR

(VERIFY FINAL LOCATION WITH ARCHITECTURAL DRAWING SET)

2. AIR INLET SIDE SHOULD NOT BE LOCATED IN HOT DISCHARGE AIR STREAM FROM OTHER EQUIPMENT.

1. MINIMUM 36" CLEARANCE IN FRONT OF DISCONNECT SWITCH TO MEET N.E.C.

3. ATTACH RACK TO PAD WITH 1" LONG 3/8" LAG BOLTS ON ALL FOUR CORNERS.

-ROOF-MOUNTED COMPRESSOR HOUSING DETAIL

SIDES, TOP & LOUVERS: EMBOSSED GALVALUME AND MOUNTING HEIGHT WITH

INSURE THAT THERE IS CONSTANT AIRFLOW ABOVE AND AROUND ALL SIDES OF WALK-IN COMPARTMENTS TO ELIMINATE

WALK-IN COOLER/FREEZER NOTES

- KEC TO FIELD VERIFY ALL BUILDING CONDITIONS, PIT RECESS, WALK-IN DIMENSIONS AND BUILDING DIMENSIONS TO ENSURE PROPER FIT OF WALK-IN COOLER/FREEZER.
- KEC TO EXTEND 3/4" DRAIN LINE FROM EVAPORATOR COILS TO FLOOR DRAIN, AS LOCATED ON DRAWING, ON THE EXTERIOR OF THE WALK-IN COOLER/FREEZER COMPARTMENT, DRAIN LINE TO BE SLOPED MINIMUM OF 1/4" PER FOOT. KEC TO COORDINATE DRAIN LINE HEIGHT AS IT EXITS EACH COIL SO THAT IT DOES NOT INTERFERE WITH SHELVING.
- KEC TO PROVIDE AND INSTALL ALL REQUIRED ELECTRICAL COMPONENTS (FUSED DISCONNECT, TIME CLOCKS, MAGNETIC STARTERS, ETC.) AND FACTORY WIRED (CONDUIT AND CABLE) FOR ALL CONTROLS WITHIN THE REFRIGERATION SYSTEMS, TO A SINGLE POINT OF SERVICE FOR POWER CONNECTION.
- KEC TO PROVIDE ED WITH A SUFFICIENT NUMBER OF LIGHT FIXTURES TO PROVIDE A MINIMUM OF SEVENTY (70) FOOT CANDLES OF LIGHT INTENSITY MEASURED AT 30" AFF AT ANY POINT IN THE COMPARTMENT. THIS EQUATES TO APPROXIMATELY ONE (1) 100 WATT LIGHT FIXTURE PER FIFTY (50) SQUARE FEET NOT INCLUDING THE LIGHT FIXTURE
- KEC TO COORDINATE WITH GD TO DETERMINE EXACT LOCATION AND MOUNTING REQUIREMENTS FOR WALK-IN COOLER/FREEZER COMPRESSORS.
- KEC TO PROVIDE ALL CURBS AND PITCH POCKETS FOR FINAL MOUNTING AND FLASHING BY GD.
- ALL FINAL CONNECTION LOCATIONS, PENETRATIONS AND ELECTRICAL REQUIREMENTS ARE TO BE VERIFIED PER THE WALK-IN MANUFACTURER'S DRAWINGS PRIOR TO CONSTRUCTION.

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GIBRALTAR DESIGN

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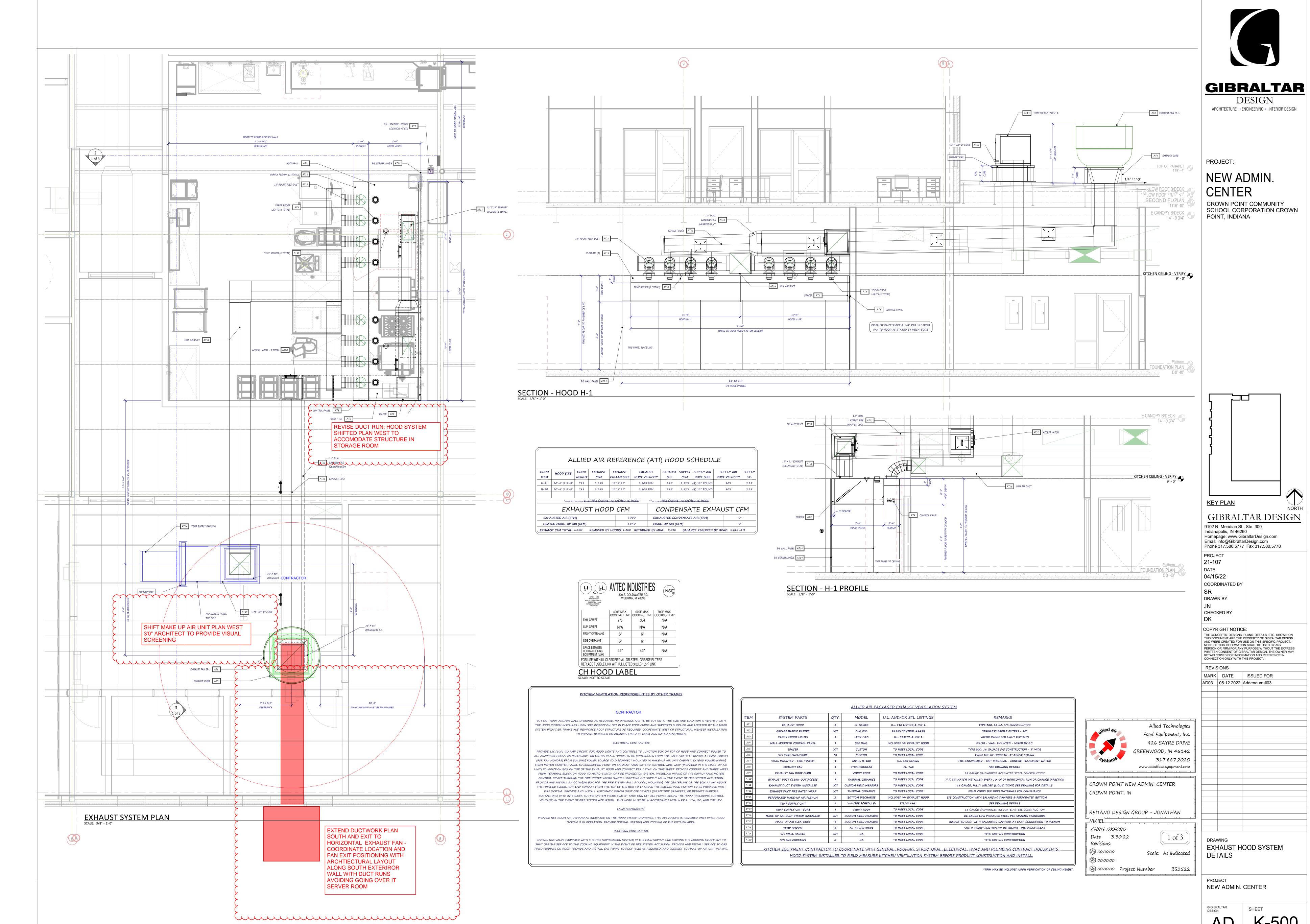
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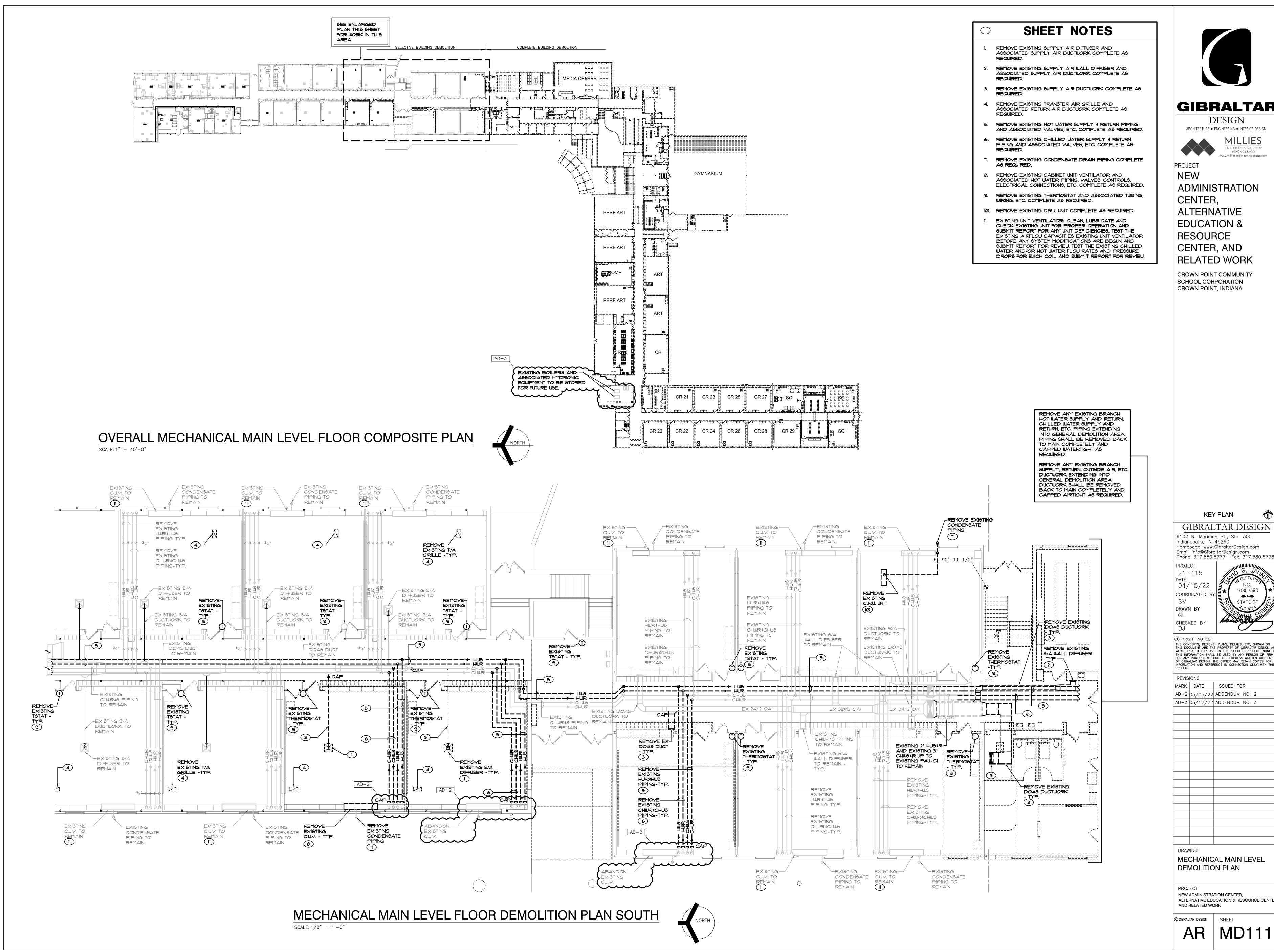
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AD03	05.12.2022	Addendum #03
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WALK-IN COOLER / FREEZER DETAILS

NEW ADMIN. CENTER





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MECHANICAL MAIN LEVEL **DEMOLITION PLAN**

NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER,

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(219) 924-8400
www.milliesengineeringgroup.com

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REVISIONS 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

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FIRST FLOOR MECHANICAL DUCTWORK PLAN





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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

Phone 317.580.5777

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ND-1	04/28/22	ADDENDUM NO.
AD-3	05/12/22	ADDENDUM NO. 3

DRAWING
FIRST FLOOR MECHANICAL
PIPING PLAN

PROJECT
NEW ADMINISTRATION CENTER, ALTERNATIVE
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MARK DATE ISSUED FOR AD-3 05/12/22 ADDENDUM NO. 3

DRAWING SECOND FLOOR MECHANICAL PIPING PLAN

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- 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.
- 2. 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.

DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

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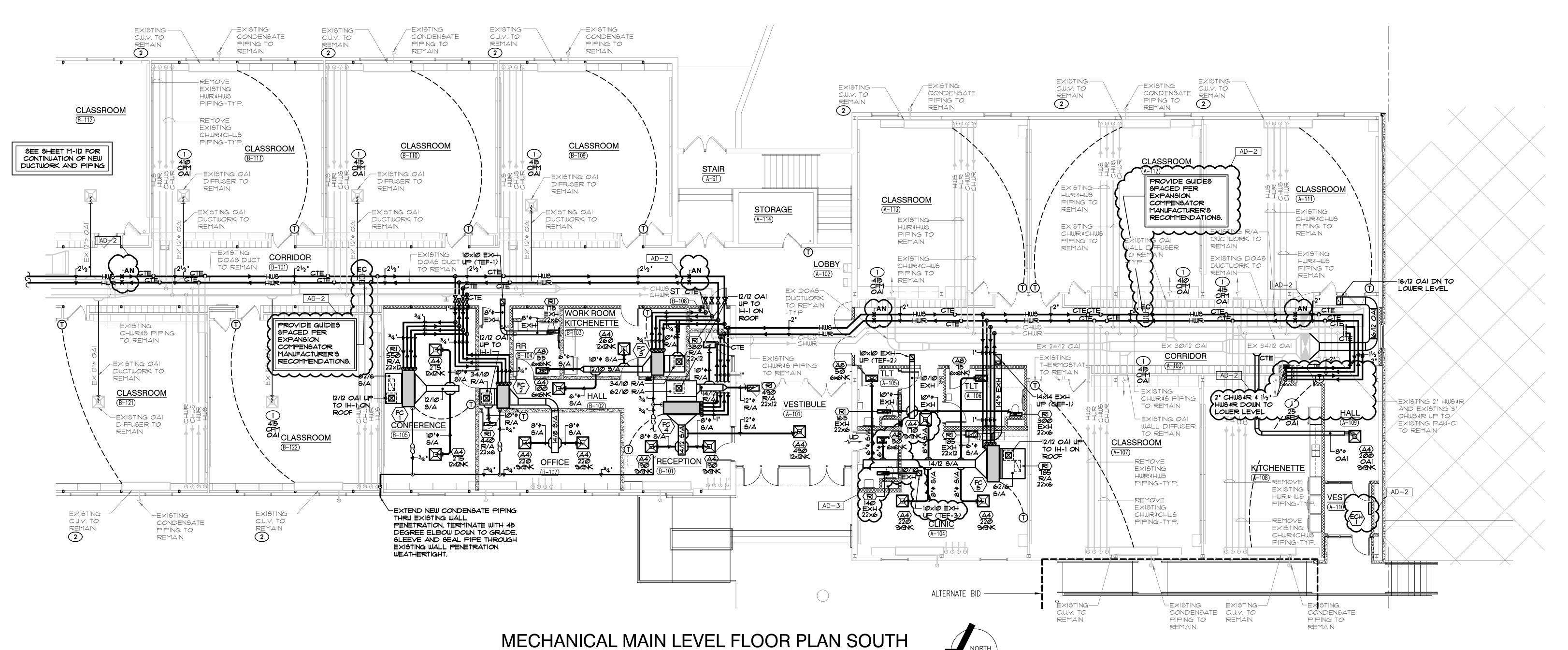
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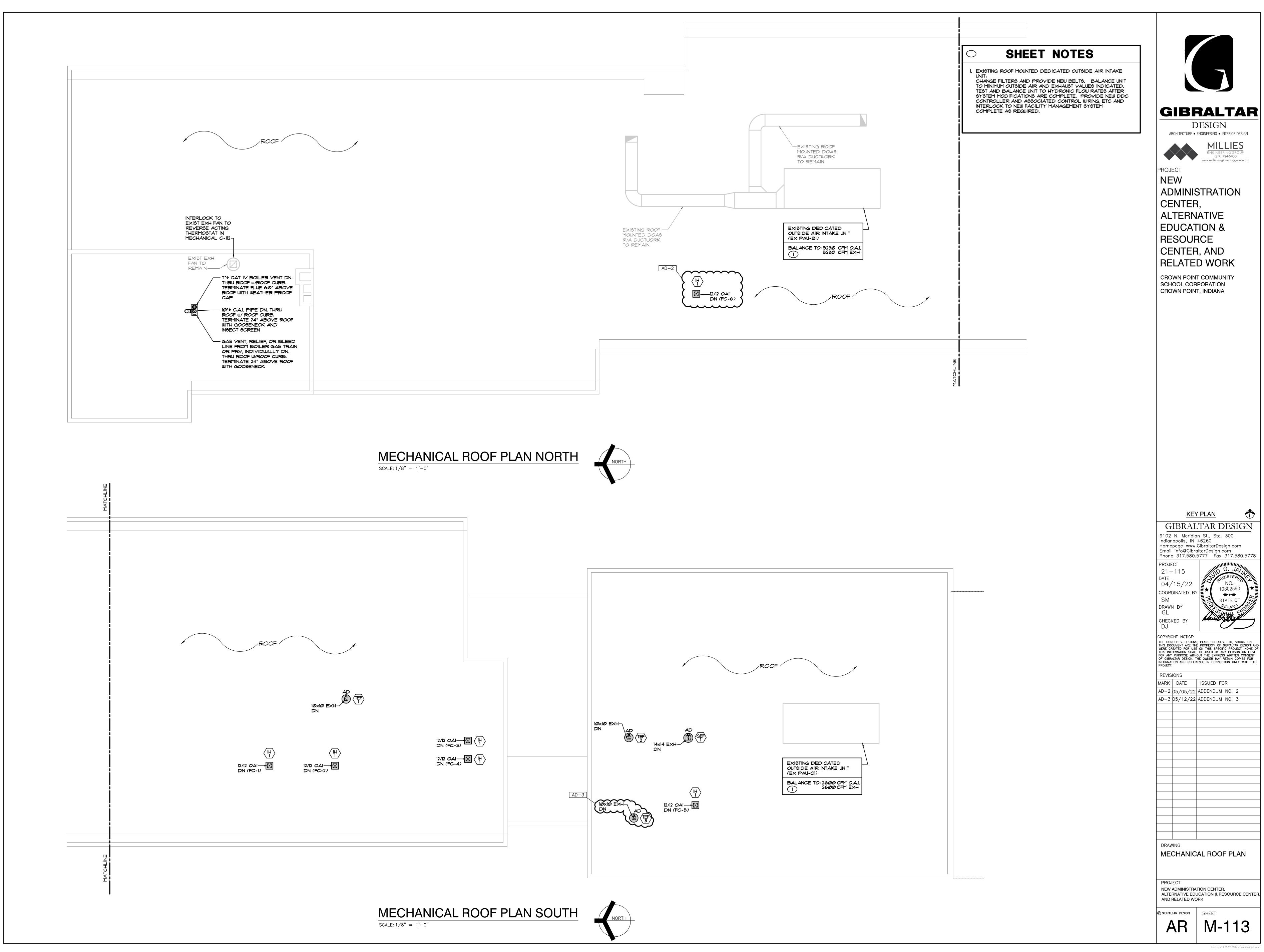
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MECHANICAL MAIN LEVEL

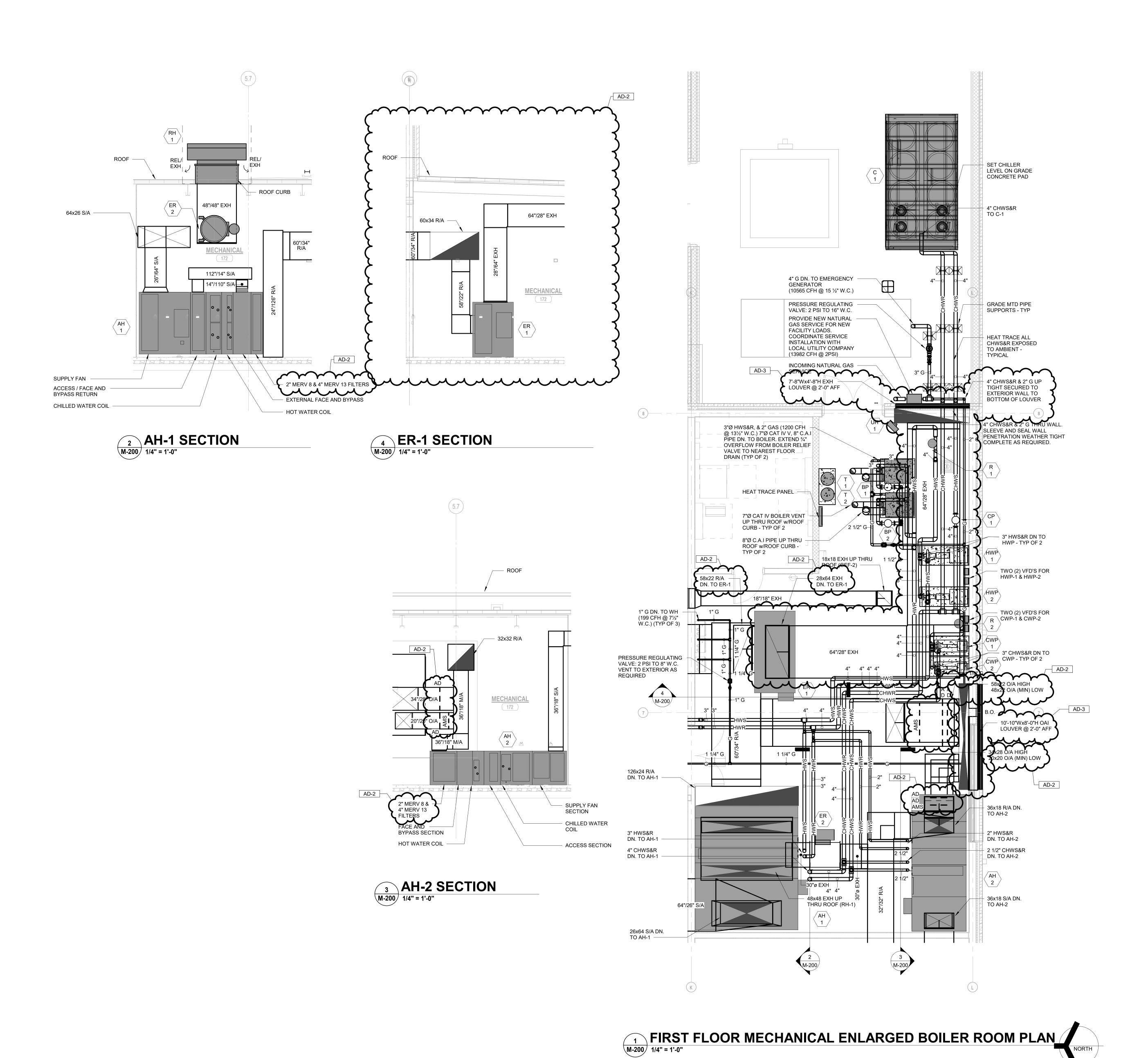
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

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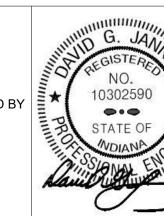
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AD-2 05/05/22 ADDENDUM NO. 2
AD-3 05/12/22 ADDENDUM NO. 3

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ENLARGED FIRST FLOOR
MECHANICAL PLAN & AH

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

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M-20

M-200

• DISCONNECT SWITCH · SOUND ATTENUATION KIT

 NEOPRENE PADS SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PROVIDE WITH: • COMBUSTION AIR INTAKE DAMPER

• NEUTRALIZATION BASIN FOR CONDENSATE SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

3. SEE SECTIONS FOR MODULAR REQUIREMENTS

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. 4. PROVIDE WITH:

· YARIABLE FREQUENCY DRIVE VIBRATION ISOLATION HANGERS

CONTROLLER • MOTORIZED DAMPER

• BIRD SCREEN ROOF CURB

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

6. PROVIDE WITH: • INTEGRAL THERMOSTAT DISCONNECT SWITCH

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

7. PROVIDE WITH: VIBRATION ISOLATION HANGERS SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

\bigcirc						ME	СН	AN	ICA	LE	QUI	PME	ENT	S	CHE	EDU	LE	- T/	\FT	M	IDD	LE	SC	HO	OL														
				FAN M	OTOR DA	TA			POW	EXH FAN	DATA	CHIL	LED W/	ATER CO	DOLING E	EQUIPME	ENT/COIL	DATA			нот	WATER	HEATING	EQUIP	MENT/CC	IL DATA							ELEC1	RICAL D	ATA		UNITS	EQUIP	
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION		MIN OAI														M4	4×	MB	н мвн	H				MAX	LOAD		1	•				STA	ARTER:	CONTROLLED	WEIGHT	REMARKS
				CFM	CFM	TSP	ESP H	PRF	M CFM	ESP	HP RF	MBH	HC SHC	GPM	EDB E	EWB LI	DB LWE	EWT I	_WT WF	D C	AT (IN) (out	t) GP	1 EAT	LAT	EWT Lu	UT WPD	HP	MCA	FLA	AMPS	MOCP	VOLT	PHASE	HZ. MC	EC.	BY		
B-1	CAMUS	DR1600	GAS FIRED HW CONDENSING BOILER W/SEALED COMBUSTION	-	-	-	-	- -	- -	-	- -	. -	-	-	-	-	- -	-	- -	-	- 160	Ø 1517	1 152	-	-	160 18	Ø 12	-	-	14	-	20	120	1	60 ×	-	FMS	582	NOTE 1
FC-1	TRANE	FCCBIØØ	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	550	115	-	Ø.3 (2)	1/4 115	- 8	-		20.7	14.1	3.4	80	67 5	6.5 54.	40	52 5	>		46.2	2 3.4	60	137	180 16	Ø 5	-	6	-	-	15	120	1	60 X	- ψ	IALL MTD TSTAT	200	NOTE 2
FC-2	TRANE	FCCBØ6Ø	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	440	55	-	Ø.3 I/	4 129	- re	-		14.9	10.5	2.5	80	67 5	8.2 56.	40	52 9	a		23.3	3 2.5	60	109	180 16	Ø 17	-	3.9	-	-	15	120	1	60 X	- ψ	IALL MTD TSTAT	139	NOTE 2
FC-3	TRANE	FCCBØ6Ø	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	415	60	-	0.3 1/	4 124	61 -	-		. 14.3	10	2.4	80	67 5	7.9 55.9	40	52 8	3		22.5	5 2.4	60	110	180 16	0 16	-	3.9	-	-	15	120	1	60 ×	- ψ	IALL MTD TSTAT	139	NOTE 2
FC-4	TRANE	FCCBIØØ	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	870	55	-	0.3 (2)	1/4 14@	98 -	-		. 29.3	20.7	4.9	80	67 5	8.2 56.	40	52 14	9		67.3	3 4.9	60	131	180 16	ø 9	-	6.1	-	-	15	120	1	60 ×	- ψ	IALL MTD TSTAT	200	NOTE 2
FC-5	TRANE	FCCBIØØ	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	785	70	-	Ø.3 (2)	1/4 133	- 88	-		. 27.3	19.1	4.5	80	67 5	7.7 55.8	40	52 9	9		62.3	3 4.5	60	133	180 16	0 8	-	6.1	-	-	15	120	1	60 ×	- ψ	ALL MTD TSTAT	200	NOTE 2
FC-6	TRANE	FCCBIØØ	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	535	90	-	0.3 (2)	1/4 114	18 -	-		202	13.8	3.4	80	67 5	6.4 54. ⁻	40	52 5	5		13.9	3.4	60	138	180 16	Ø 5	-	6.1	-	-	15	120	1	60 ×	- ψ	IALL MTD TSTAT	200	NOTE 2
TEF-1	TWIN CITY	DCRD-Ø1ØBE	ROOF MOUNTED TOILET EXHAUST FAN	175	-	-	Ø.4 1/	6 16	13 -	-			-	-	-	-		-		-		-	-	-	-			1/6	-	-	-	-	120	1	60 -	×	WALL SWITCH	3Ø	NOTE 3
TEF-2	TWIN CITY	DCRD-Ø95BE	ROOF MOUNTED TOILET EXHAUST FAN	465	-		- J.J "	4 138				_		-	-	-		-							_			1/4			_	_	120		60 -		WALL SWITCH	50	NOTE 3
TEF-3	TWIN CITY	DCRD-060BE	ROOF MOUNTED TOILET EXHAUST FAN	140	-	-	0.4	6 162	24 -	-	- -		-	-	-	-		-	- -	•		-	-	-	-	- -	• •	1/6	-	-	-	-	120	1	60 -	×	WALL SWITCH	3Ø	NOTE 3
GEF-I	TWIN CITY	DCRD-12ØBE	ROOF MOUNTED GENERAL EXHAUST FAN (CLINIC A-104)	765	-	<u> </u>	Ø.5 I			1 1	-	-	-	<u> </u>	-							-	-	-	-	-		1/2	<u> </u>	<u> </u>	<u>-</u>	-	120		II		WALL SWITCH	55	NOTE 3

NOTES:

AD-3

PROVIDE WITH: • PROVIDE WITH COMBUSTION AIR INTAKE DAMPER. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

2. PROVIDE WITH: • DISCONNECT SWITCH

YIBRATION ISOLATION HANGERS

 CONDENSATE PUMP . TERMINAL STRIPS FOR DDC READY

• UNIT CONFIGURATION: - FRONT SUPPLY AIR DUCT COLLAR

- REAR RETURN AIR DUCT COLLAR SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

3.	PROVIDE WITH:
•	DISCONNECT SWITCH
•	ECM MOTOR WITH POTENTIOMETER SPEED
	CONTROLLER

• MOTORIZED DAMPER • BIRD SCREEN

 ROOF CURB SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

\bigcirc			LOUVER	R SCHED	ULE
TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	SIZE	REMARKS
LV-1	NAILOR	1606WD	OUTSIDE AIR INTAKE LOUVER	SEE DRAWINGS	ALUMINUM KYNAR 500 CUSTOM FINISH SUBMIT COLOR CHARTS FOR APPROVAL
LV-2	NAILOR	1606WD	EXHAUST/RELIEF AIR LOUVER	SEE DRAWINGS	ALUMINUM KYNAR 500 CUSTOM FINISH SUBMIT COLOR CHARTS FOR APPROVAL

\bigcirc	INTAKE/RELIEF HOOD SCHEDULE													
TAG	MANUFACTURER	MODEL *	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS								
RH-1	ACME	*L∨	SEE PLANS	EXHAUST/RELIEF AIR HOOD	ROOF OF MECH. ROOM	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.								
IH-1	ACME	# TI∨	12×12	OUTSIDE AIR INTAKE HOOD FOR FC-123,45,46	ROOF	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.								

	SILENCER SCHEDULE												
TAG	MANUFACTURER	MODEL	CONN. DIN	1ENSIONS	SILENCER LENGTH	AIR FLOW	YELOCITY	P.D.	FLOW - FAN	REMARKS			
			W (in)	H (in)	L (in)	(cfm)	(fpm)	(in WG)	SYSTEM				
SL-1	VAW	RSA	28	14	36	2,140	786	Ø.15	AH-2	SEE SPECIFICATIONS.			
SL-2	VAW	RSA	28	14	36	2,140	786	Ø.15	AH-2	SEE SPECIFICATIONS.			
SL-3	VAW	RSA	28	14	36	2,140	786	Ø.15	AH-2	SEE SPECIFICATIONS.			
SL-4	VAW	RSA	10	10	36	460	662	0.05	AH-2	SEE SPECIFICATIONS.			

			AD-2									
\bigcirc			PUMP	SCI	HEC	UL	E.					
							PUMP	MOTOR	DATA		SUCTION/	
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	GPM	HEAD	HP	RPM	YOLT	PHASE	HZ.	DISCHARGE	REMARKS
					(FT.)						SIZE	
BP-1	BELL 4 GOSSETT	SERIES 80 3x3x7C	HOT WATER BOILER RECIRCULATING PUMP	114	20	1	1750	480	3	60	3'/3'	-
BP-2	BELL 4 GOSSETT	SERIES 80 3x3x7C	HOT WATER BOILER RECIRCULATING PUMP	114	20	1	1750	480	3	60	3'/3'	-
HWP-1	BELL 4 GOSSETT	SERIES 1510 2BD	HOT WATER DISTRIBUTION PUMP	119	60	5	1565	480	3	60	2.5'/2'	HOT WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL. 238 GPM AT
HWP-2	BELL 4 GOSSETT	SERIES 1510 2BD	HOT WATER DISTRIBUTION PUMP	119	60	5	1565	480	3	60	2.5'/2'	60 FT. HD. WITH DUAL POWER FEEDERS
CP-1	BELL & GOSSETT	SERIES 80 4x4x7B	CHILLED WATER RECIRCULATION PUMP	238	30	3	1750	480	3	60	4'/4'	-
CWP-1	BELL 4 GOSSETT	SERIES 1510 2AD-ES	CHILLED WATER DISTRIBUTION PUMP	114	45	3	1721	480	3	60	2.5'/2'	CHILLED WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL. 228 GPM AT
CWP-2	BELL & GOSSETT	SERIES 1510 2AD-ES	CHILLED WATER DISTRIBUTION PUMP	114	45	3	1721	480	3	60	2.5'/2'	45 FT. HD. WITH DUAL POWER FEEDERS

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MECHANICAL SCHEDULES

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AD-3	05/12/22	ADDENDUM NO. 3

DRAWING

ELECTRICAL DEMOLITION

PROJECT

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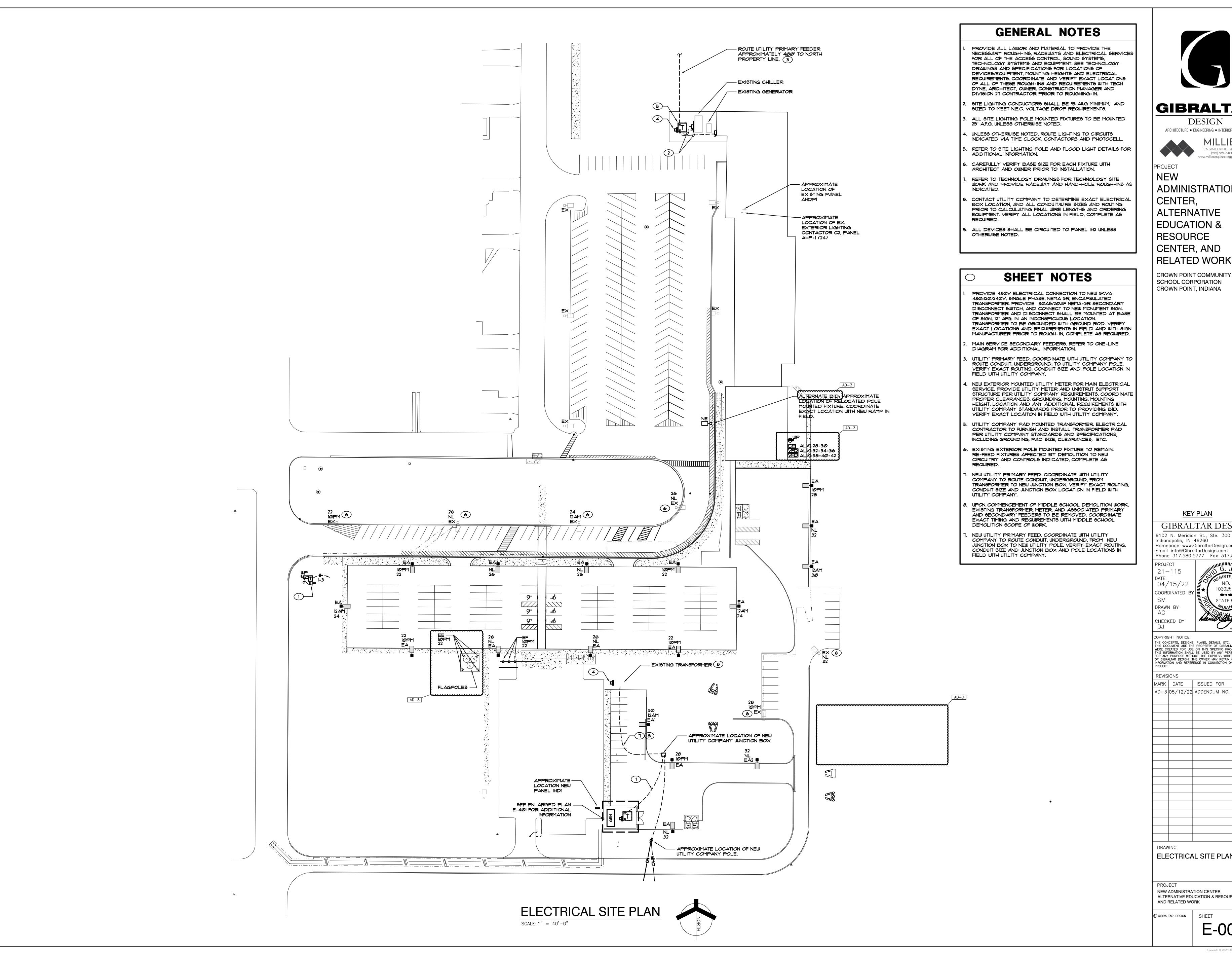
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SITE PLAN

E-002

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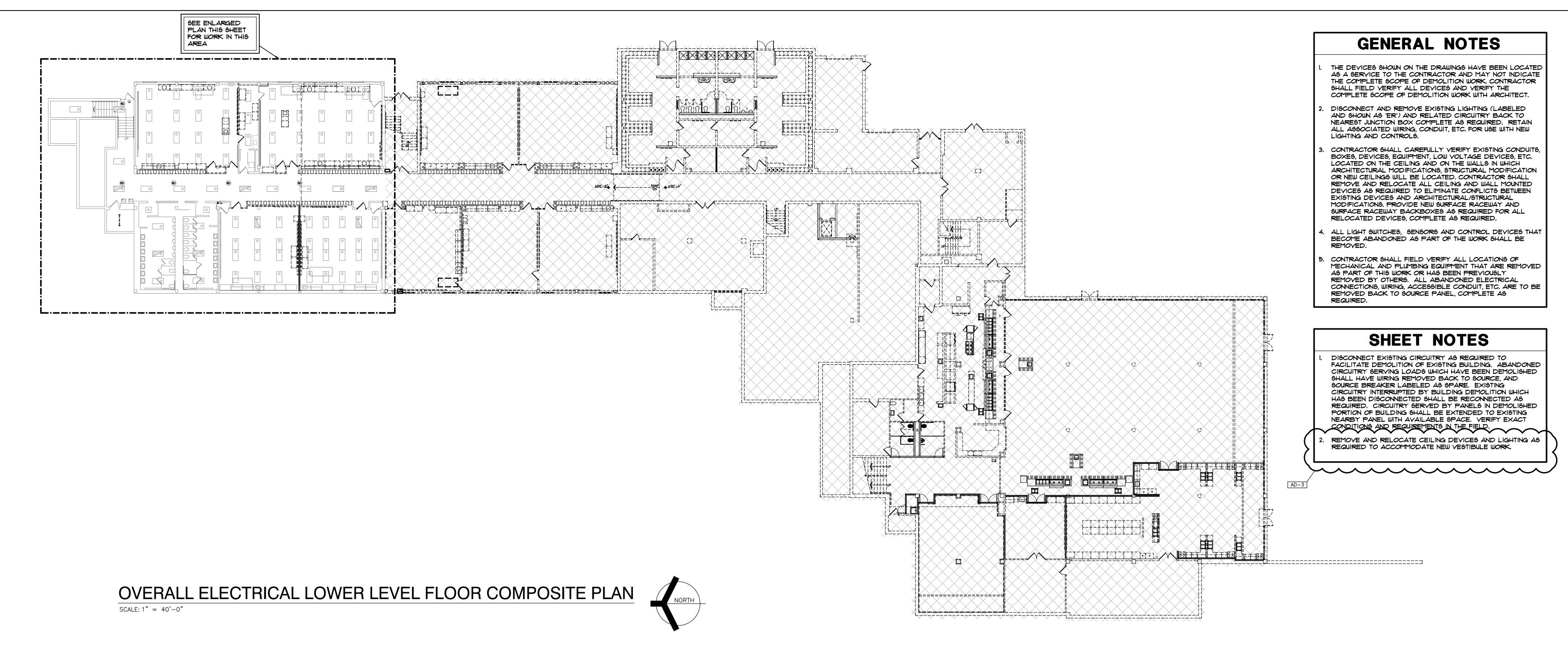
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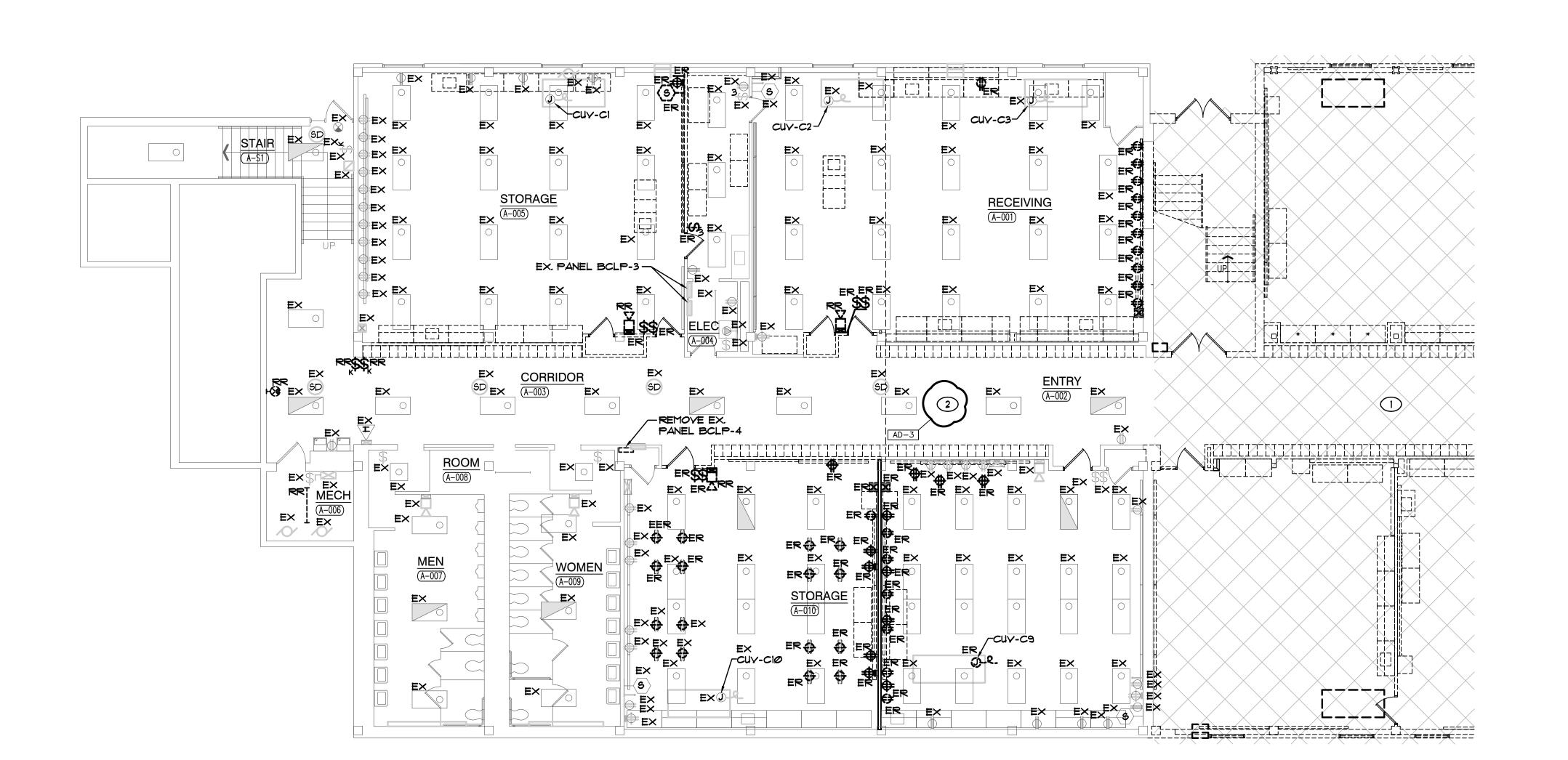
MARK	DATE	ISSUED FO	R	
AD-3	05/12/22	ADDENDUM	NO.	3

DRAWING ELECTRICAL SITE PLAN

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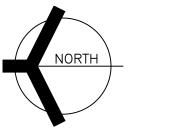
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ELECTRICAL LOWER LEVEL FLOOR DEMOLITION PLAN SOUTH

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





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DRAWING

ELECTRICAL LOWER LEVEL DEMOLITION PLAN

PROJECT

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



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

10302590

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

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 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



EL101

GENERAL NOTES

- ALL DEVICES SHALL BE CIRCUITED TO PANEL 2H1 UNLESS OTHERWISE NOTED.
- 2. 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 STUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.





CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

RELATED WORK

RESOURCE

CENTER, AND

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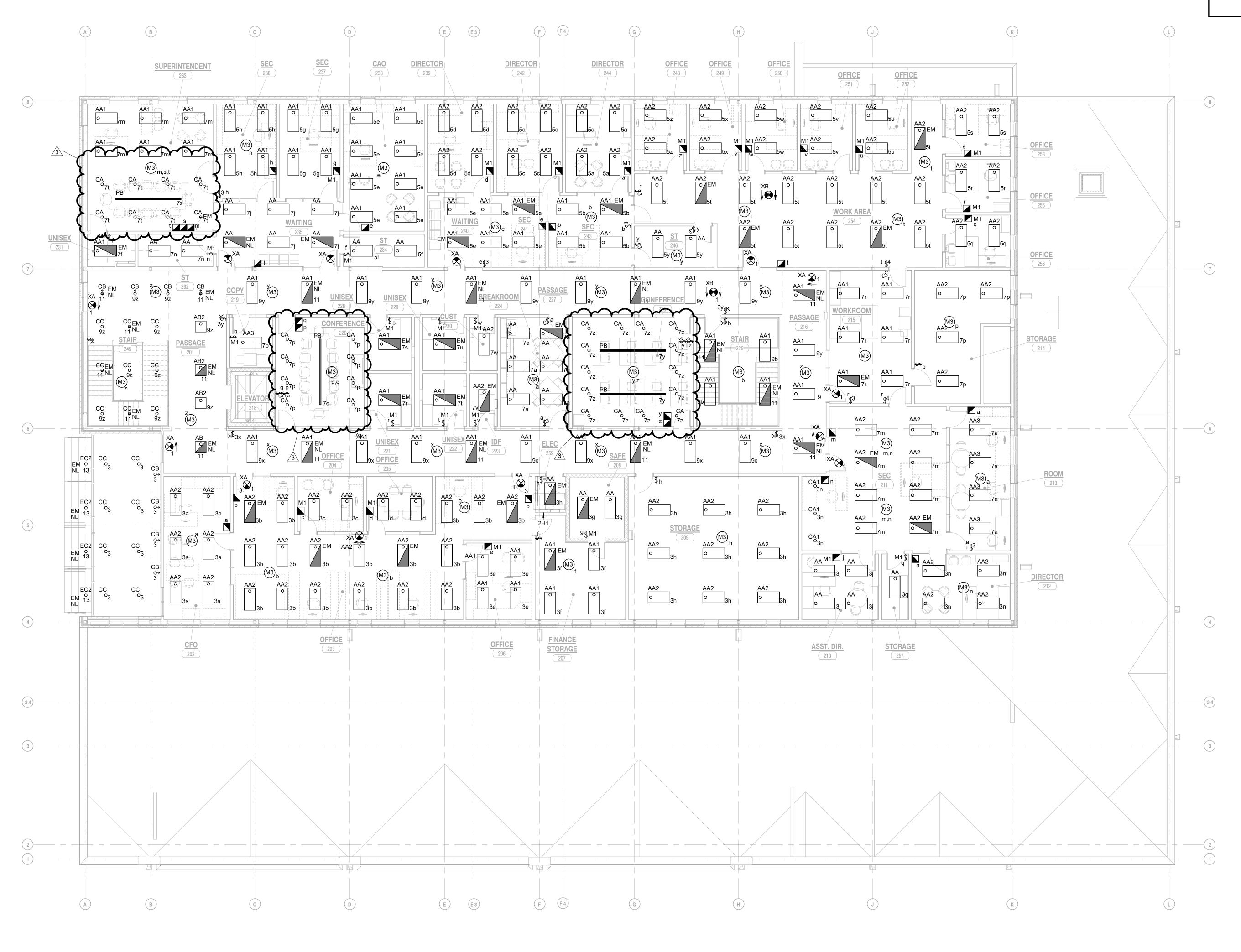
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DRAWING
SECOND FLOOR ELECTRICAL
LIGHTING PLAN

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EL10



GENERAL NOTES

CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE

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"C. FOR POWER AND 1-1/4"C. FOR LOW VOLTAGE UNDER FLOOR AND STUBBED UP WITHIN NEW FURNITURE SYSTEM

IN FIELD, COMPLETE AS REQUIRED.

PRIOR TO ROUGH-IN.

TO NEW POWER AND DATA OUTLET LOCATIONS. ROUTE FMC WITHIN FURNITURE SYSTEM. COORDIANTE CONDITIONS AND REQUIREMENTS

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

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

20A/2P FUSED LOCKABLE DISCONNECT SWITCH

SPECIFICATIONS FOR ADDITIONAL INFORMATION.

MOUNT DISCONNECT WITHIN 18" OF DOOR JAMB.

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 ROUGHING-IN.

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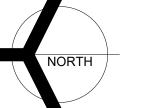
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FIRST FLOOR ELECTRICAL POWER PLAN

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

EP101

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





- CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE
- 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 ROUGHING-IN.

SHEET NOTES

PROVIDE MINIMUM 3/4"C. FOR POWER AND 1-1/4"C. FOR LOW VOLTAGE UNDER FLOOR AND

TO NEW POWER AND DATA OUTLET LOCATIONS.





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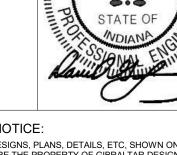
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DRAWING SECOND FLOOR ELECTRICAL POWER PLAN

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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
- 3. LOCATE WEATHERPROOF GFI TYPE RECEPTACLE ON UNIT IN AN APPROVED MANNER, COMPLETE AS REQUIRED.





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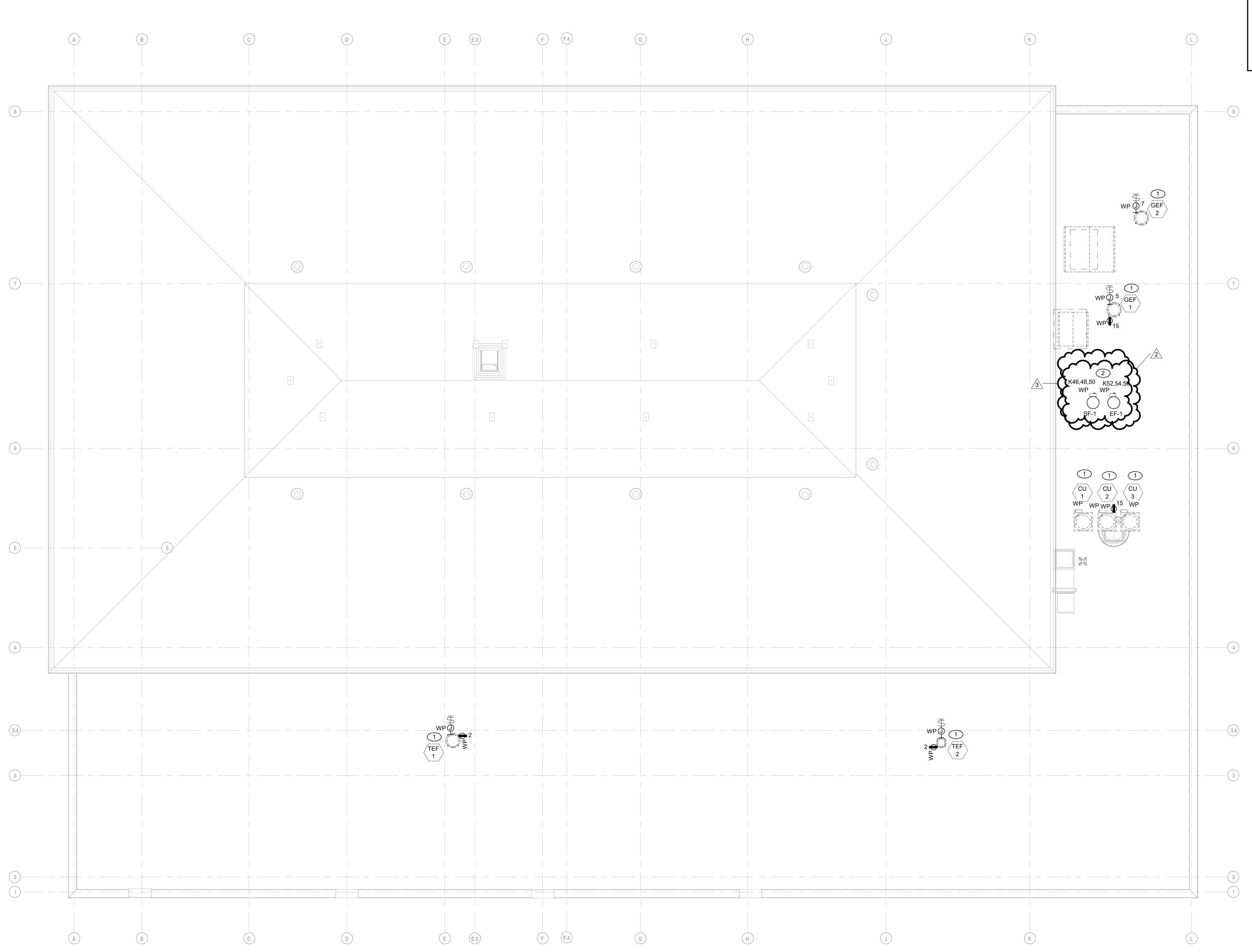
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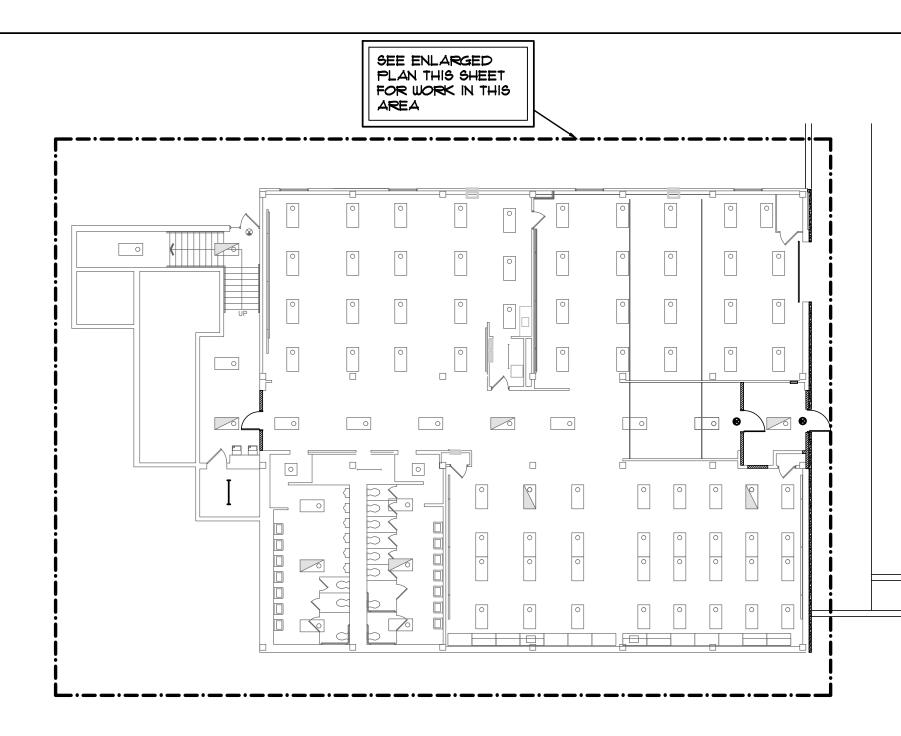
DRAWING
ROOF ELECTRICAL POWER

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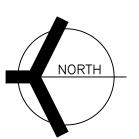
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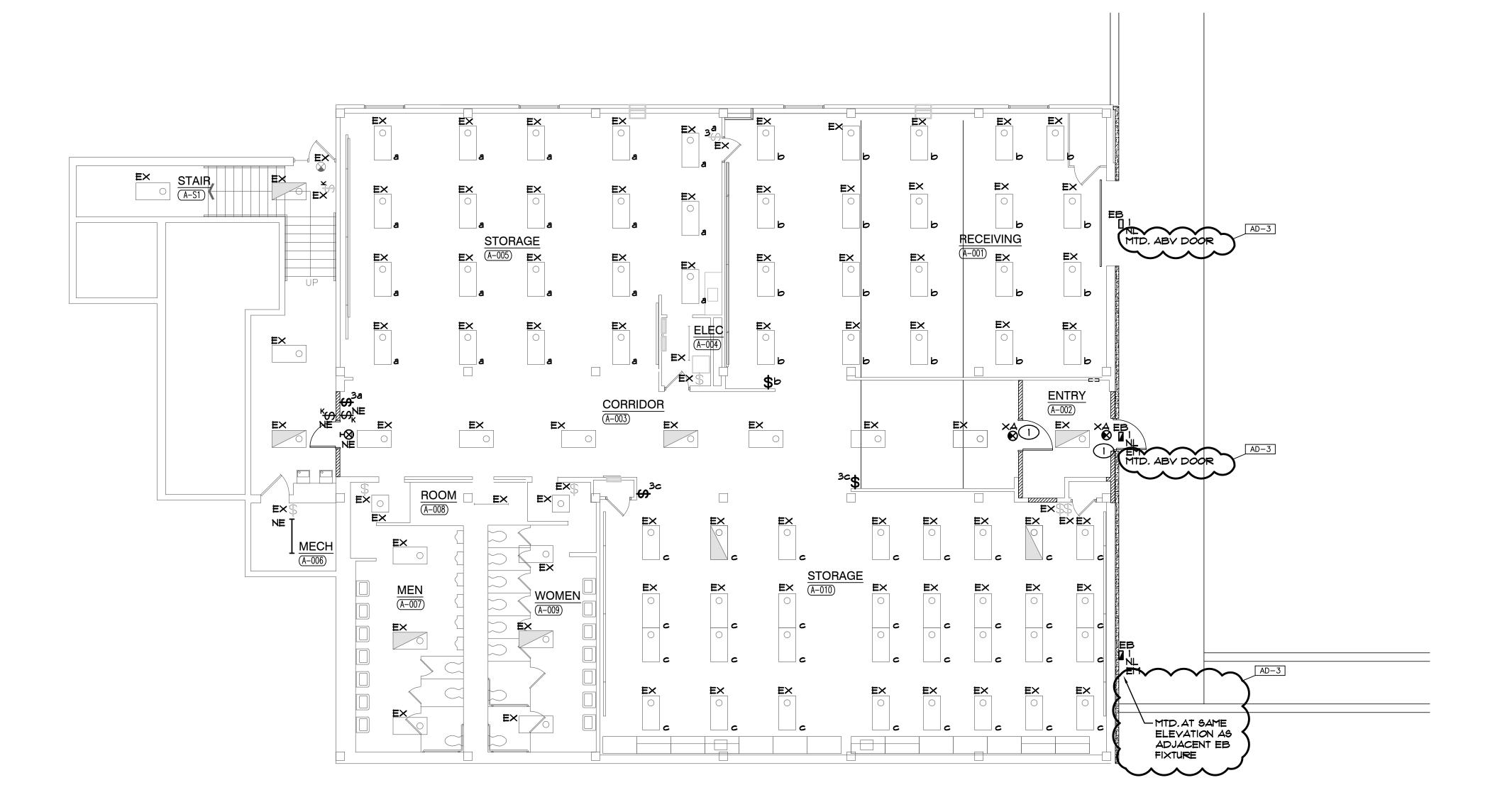
EP103





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





ELECTRICAL LOWER LEVEL FLOOR LIGHTING PLAN SOUTH SCALE: 1/8" = 1'-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
- REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT
- . ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING
- 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 4400W PER 277 YOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 *12 AND 1 *12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

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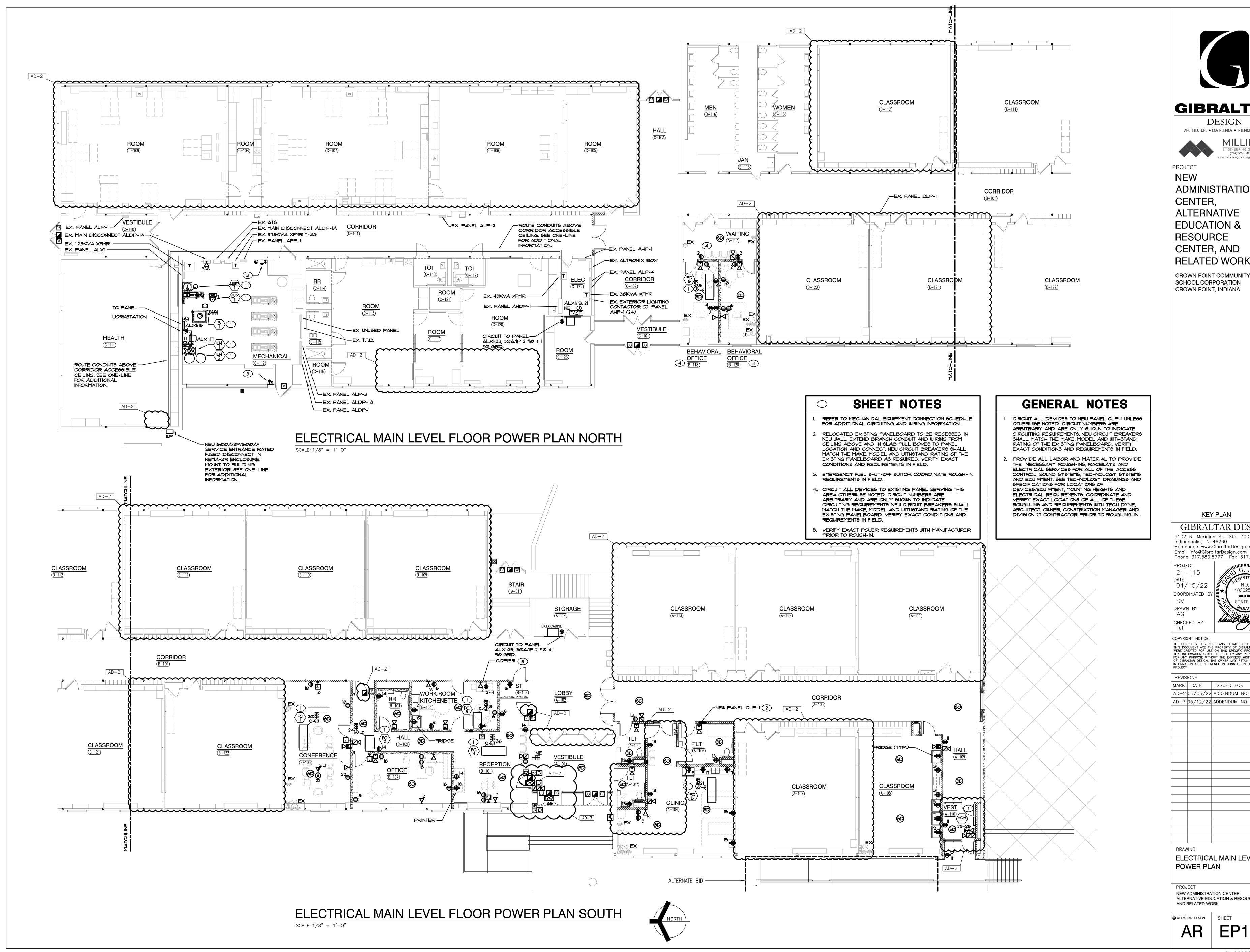
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ELECTRICAL LOWER LEVEL LIGHTING PLAN

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EL110



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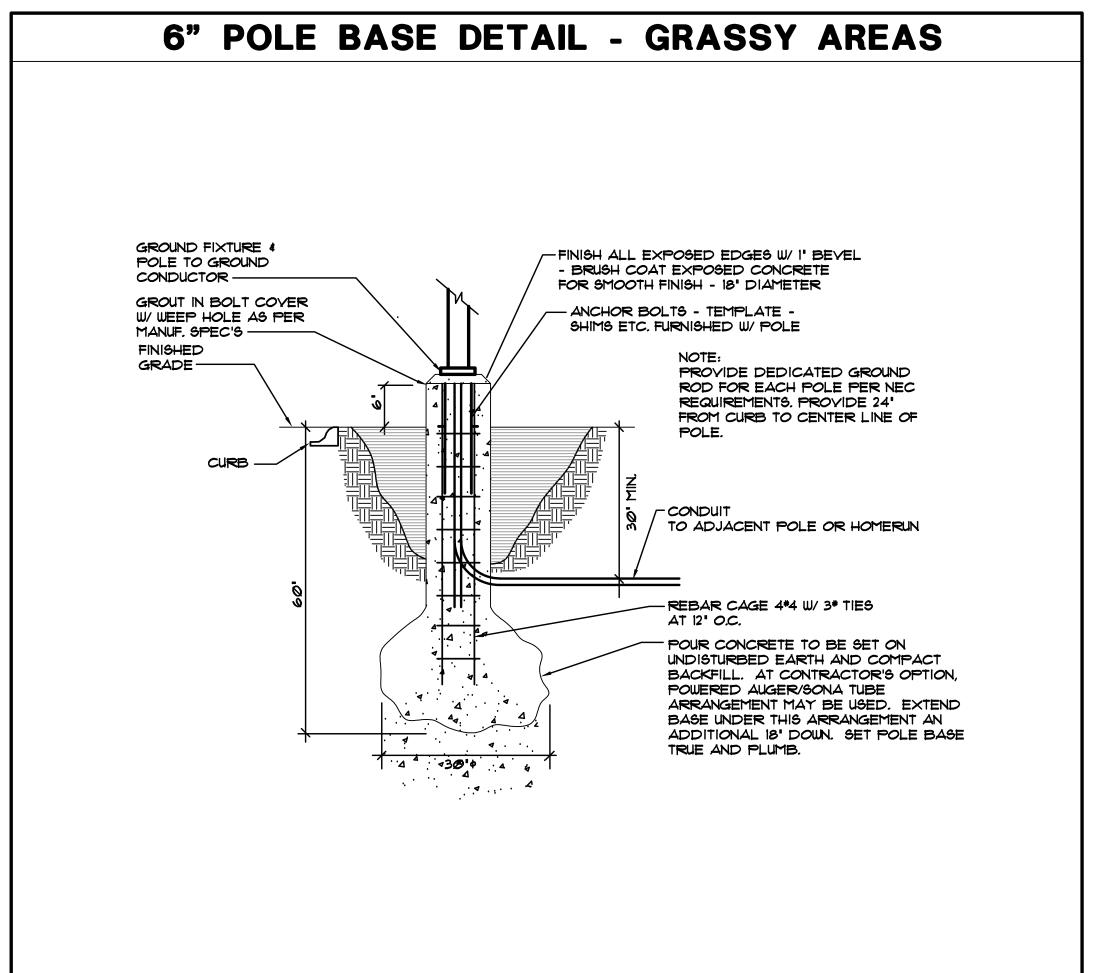
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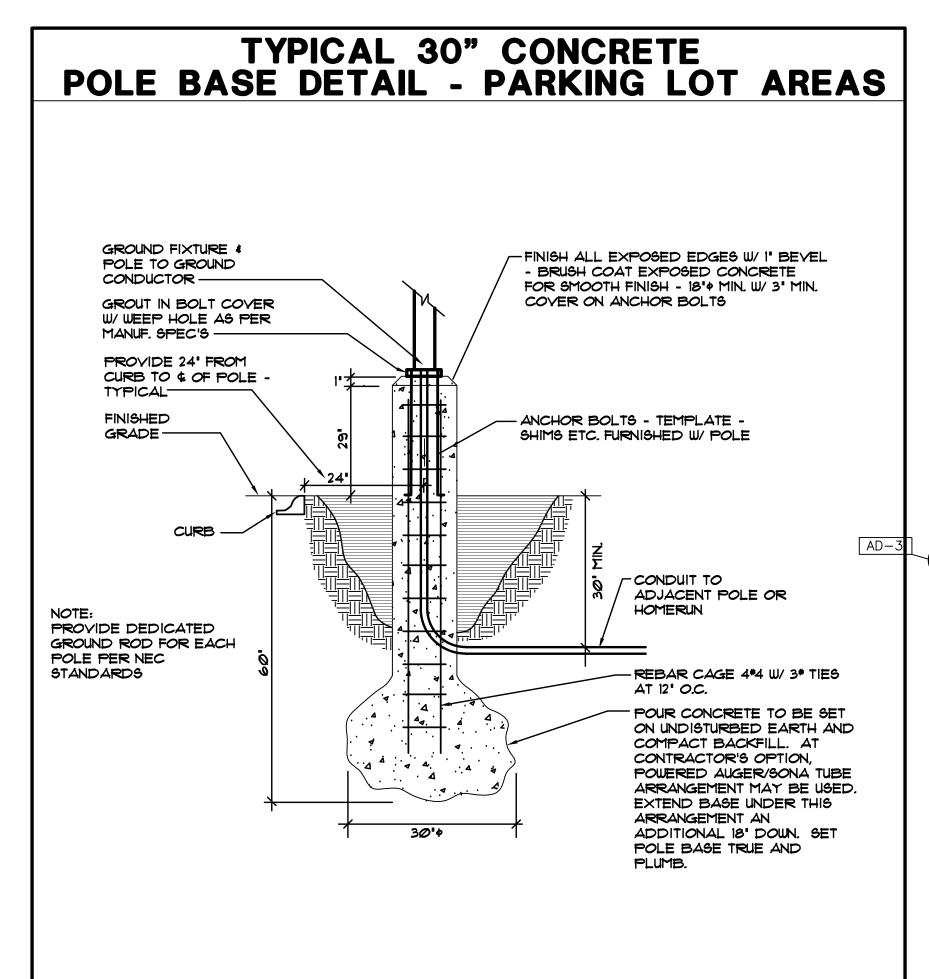
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ELECTRICAL MAIN LEVEL POWER PLAN

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EP111





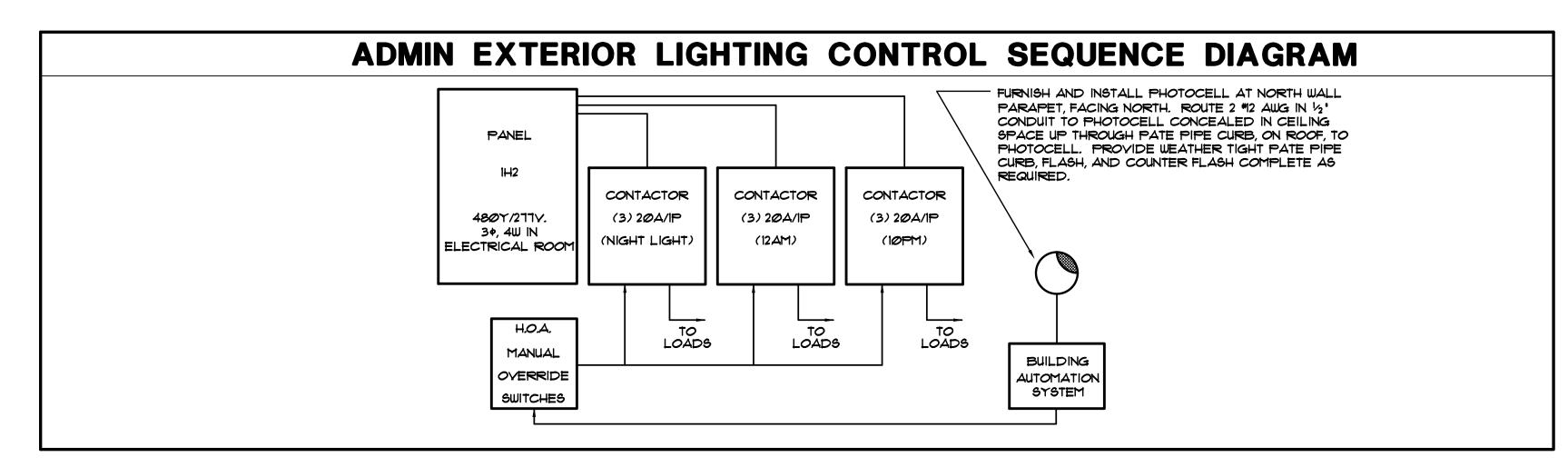
		EXIERIO	OR LIGHTING LUMINA	IINE 3	CHED	ULE	
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
EΑ	•	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, ROUND ALUMINUM POLE	LITHONIA *DSXI LED-P6-50K-T4M-MVOLT-RPA-DDBXD NO SUBSTITUTIONS	MVOLT	LED 5000K MIN 19,337LM MAX 163W	POLE MTD 25'-Ø' AFG	-
EAI	•—	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, ROUND ALUMINUM POLE	LITHONIA *DSXI LED-P6-50K-T3M-MVOLT-RPA-DDBXD NO SUBSTITUTIONS	MVOLT	LED 5000K MIN 19,337LM MAX 163W	POLE MTD 25'-0" AFG	-
EA2	•-	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, ROUND ALUMINUM POLE	LITHONIA *DSXI LED-P6-50K-T2M-MYOLT-RPA-DDBXD NO SUBSTITUTIONS	MVOLT	LED 5000K MIN 19,337LM MAX 163W	POLE MTD 25'-0' AFG	-
EB		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA *WST-P2-50K-VF-277-XX OR APPROVED EQUAL HUBBELL *TRP SERIES MCGRAW *165 SERIES	277 VOLT	LED 5000K MIN 3000LM MAX 30W	WALL MTD ABY DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EC	0	LED 6' DOWNLIGHT WITH TRIM FINISH TO BE SELECTED BY ARCHITECT	LITEISTRY*LTR-6RD-H-SLI5L-DMI-IC-LTR-6RD- T-SL-50K8-MD-S HALO *HC6I5DOI0 / HM612850 / 6IMDHWF SPECTRUM *SGICE6LEDOS SERIES	277 VOLT	LED 5000K MAX 18W MIN 1500LM	RECESSED CANOPY MOUNTED	-VERIFY TRIM FINIS WITH ARCHITECT -IC RATED
~~	~~~~		······································	~~~~	~~~~	~~~~	~~~~
EC2	0	LED 6' DOWNLIGHT WITH TRIM FINISH TO BE SELECTED BY ARCHITECT	LITEISTRY*LTR-6RD-H-SL3ØL-DMI-IC-LTR-6RD- T-SL-5ØK8-MD-S HALO *HC615DOIØ / HM61285Ø / 61MDHWF SPECTRUM *SGICE6LEDOS SERIES	277 YO LT	LED 5000K MAX 34W MIN 3000LM	RECESSED CANOPY MOUNTED	-VERIFY TRIM FINIS WITH ARCHITECT -IC RATED
		ALACRONEAL KILK IMITIA ENI IA CALIER E	LITHORIA	ATTI KOLTA	~ ~ ~ £D~ ~	AGRADE MID	NERIEX PINIGHUKT
EE	•		*D5XF3-LED-6-PI-5ØK-NSP-MVOLT-XX-XX-FV- VG-XX OR APPROVED EQUAL		5000K MIN 11,816 LM MAX 107W		ARCHITECT.
EF	•<	BUILDING EXTERIOR LED FLOOD LIGHT	LITHONIA *DSXF2-LED-P2-5ØK-HMF-MVOLT-XX-XX-UB- -XX OR APPROVED EQUAL	277 VOLT	LED 5000K MIN 9000 LM MAX 80W	GRADE MTD	-VERIFY FINISH WIT ARCHITECT.

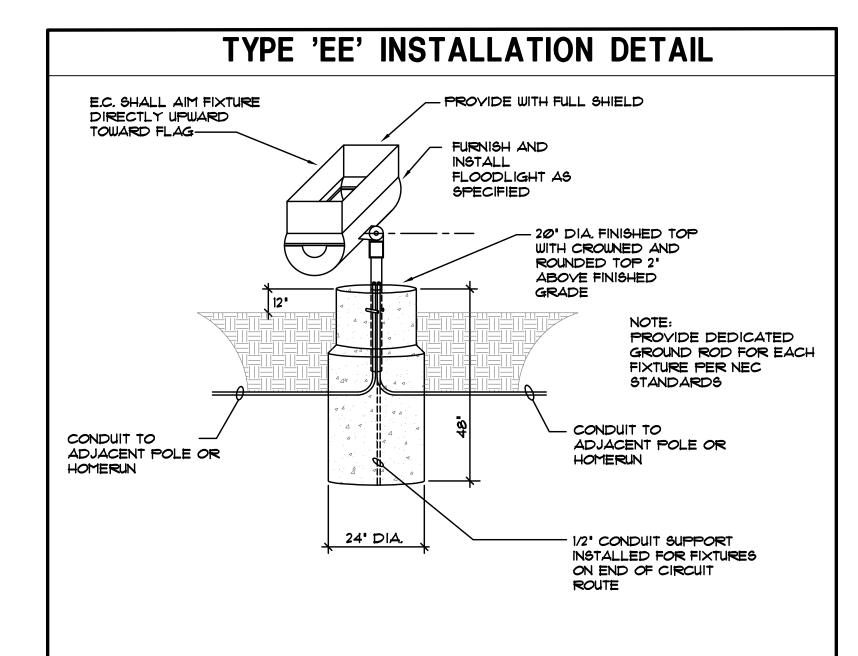


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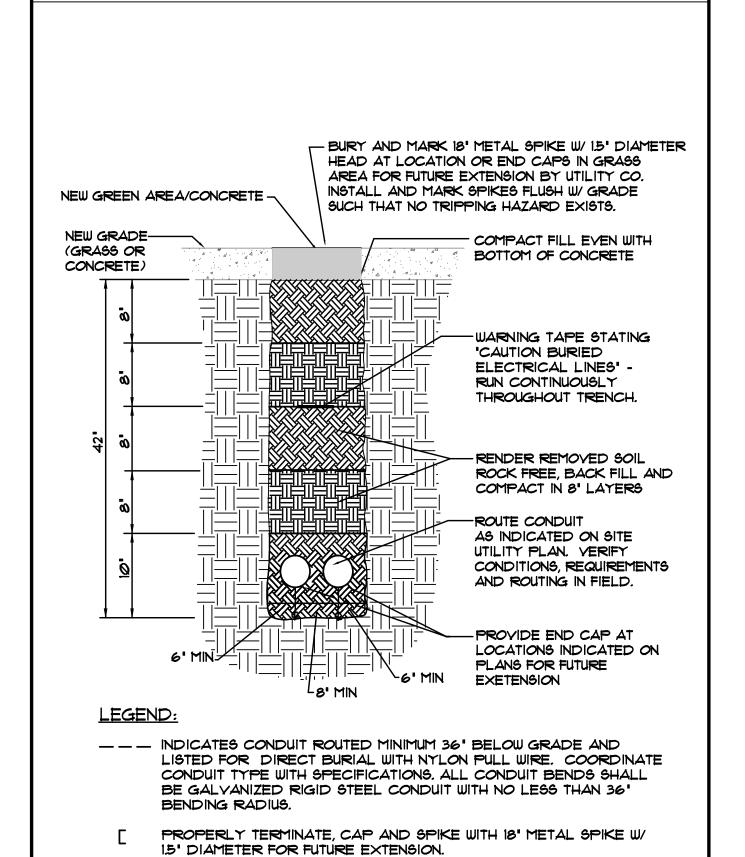
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LIGHTING CONTROL SYSTEM NOTES

- UNLESS NOTED OTHERWISE, THE LIGHTING CONTROL SYSTEM SHALL BE A STAND ALONE SENSORSWITCH 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 CONSIDERED 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.
- 4. 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
- PROVIDE 12 HOURS OF FACTORY COMMISSIONING AND 6 HOURS FACTORY TRAINING FOR THE OWNER'S BUILDING STAFF.
- 6. UL924 BYPASS DEVICES SHALL BE PROVIDED FOR ALL FIXTURES WITH AN EMERGENCY SOURCE OF POWER THAT IS SWITCHED. THE UL924 BYPASS SHALL PROVIDE BYPASS FOR BOTH THE POWER AND CONTROL SIGNAL, COMPLETE AS REQUIRED.
- ALL LOW YOLTAGE CABLING SHALL BE PLENUM RATED. CABLING ROUTED IN CONCEALED AREAS SHALL BE ROUTED NEATLY EXPOSED WITHIN J-HOOKS, CABLING LOCATED IN EXPOSED CEILINGS SHALL BE CONCEALED IN NEATLY ROUTED CONDUIT. LOW YOLTAGE CABLING INSTALLATION SHALL FULLY MEET LOCAL CODE REQUIREMENTS.



TRENCH DETAIL

N.T.S.

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
- PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE, PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN, COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, FEEDS, SINGLE AND DUAL CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS. PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS.
- 3. SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
- 4. EXTERIOR LIGHTING POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE STEEL POLES WITH CAST BASE COVERS AND VIBRATION DAMPENERS. THE POLES SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT AT 100 MPH WIND WITH A 1.3 GUST FACTOR MINIMUM POLE SIZE TO BE 5" SQUARE. PROVIDE ADDITIONAL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
- 5. 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
- 6. CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER, PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYPSUM CEILINGS.
- VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN. YERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- 8. FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR
- 9. PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
- 10. 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.
- 12. 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.
- 13. 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.
- 14. CAREFULLY COORDINATE YOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
- 15. APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (630.307.6955), FORCE CHICAGO (312.986.1515) OR PG ENLIGHTEN (847.228.1199).
- 16. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

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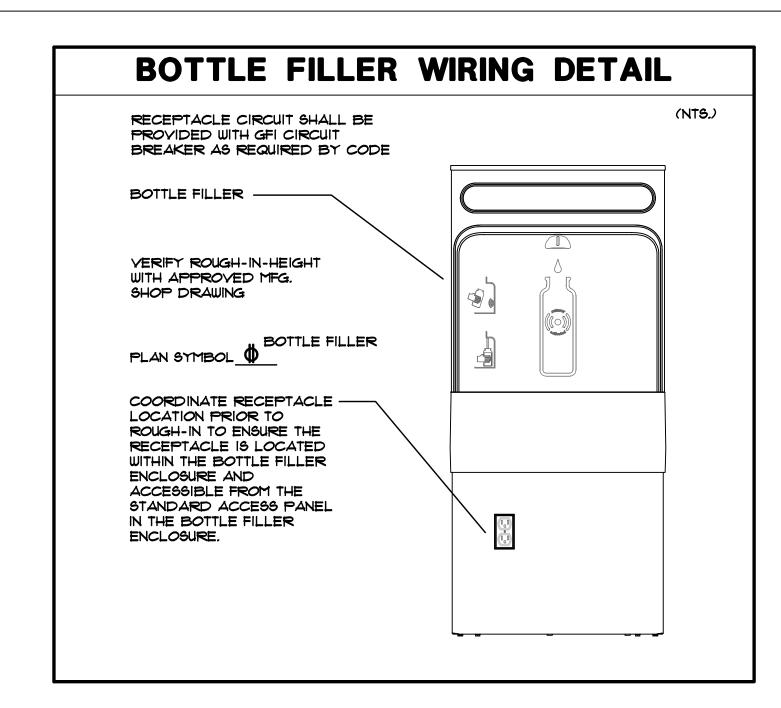
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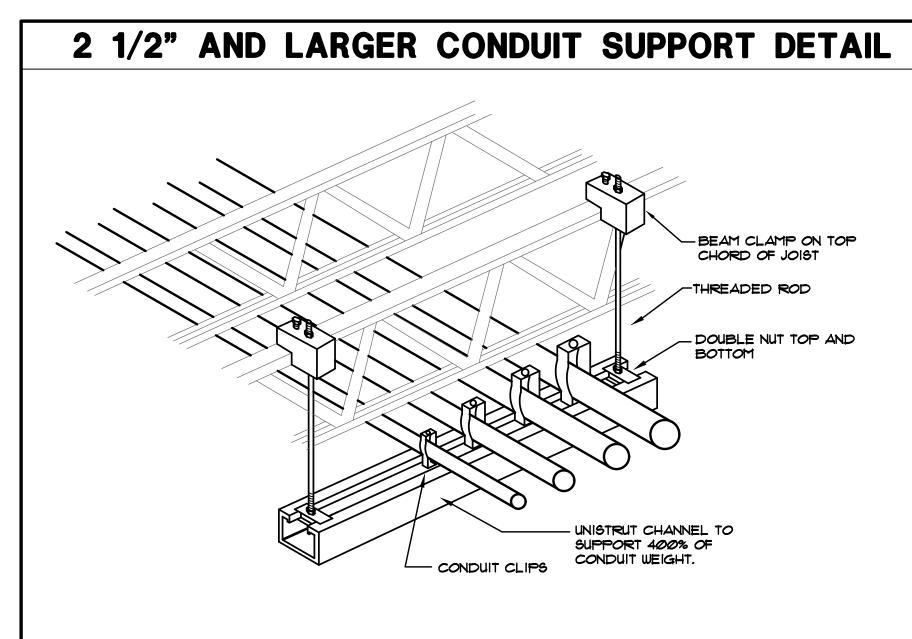
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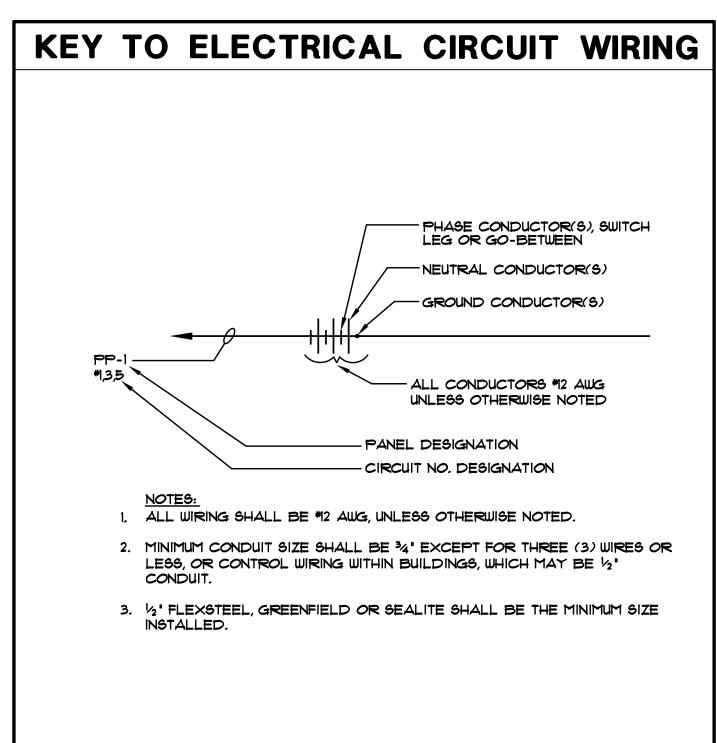
ELECTRICAL DETAILS, DIAGRAMS AND LIGHTING FIXTURE SCHEDULE

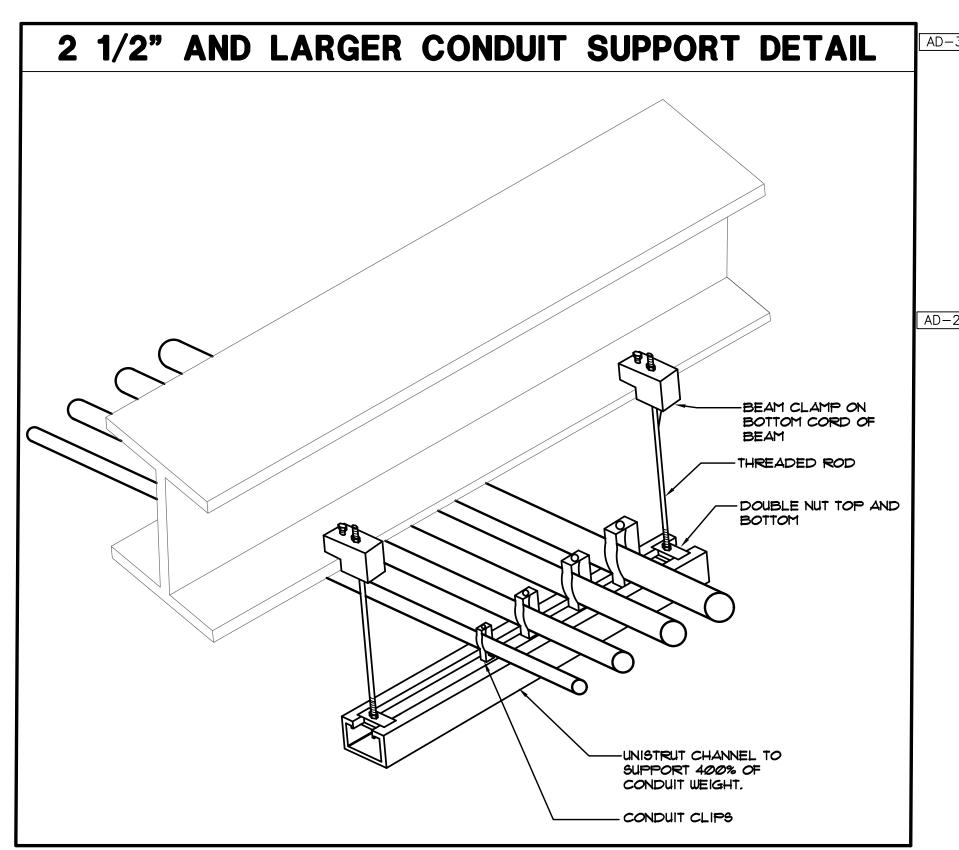
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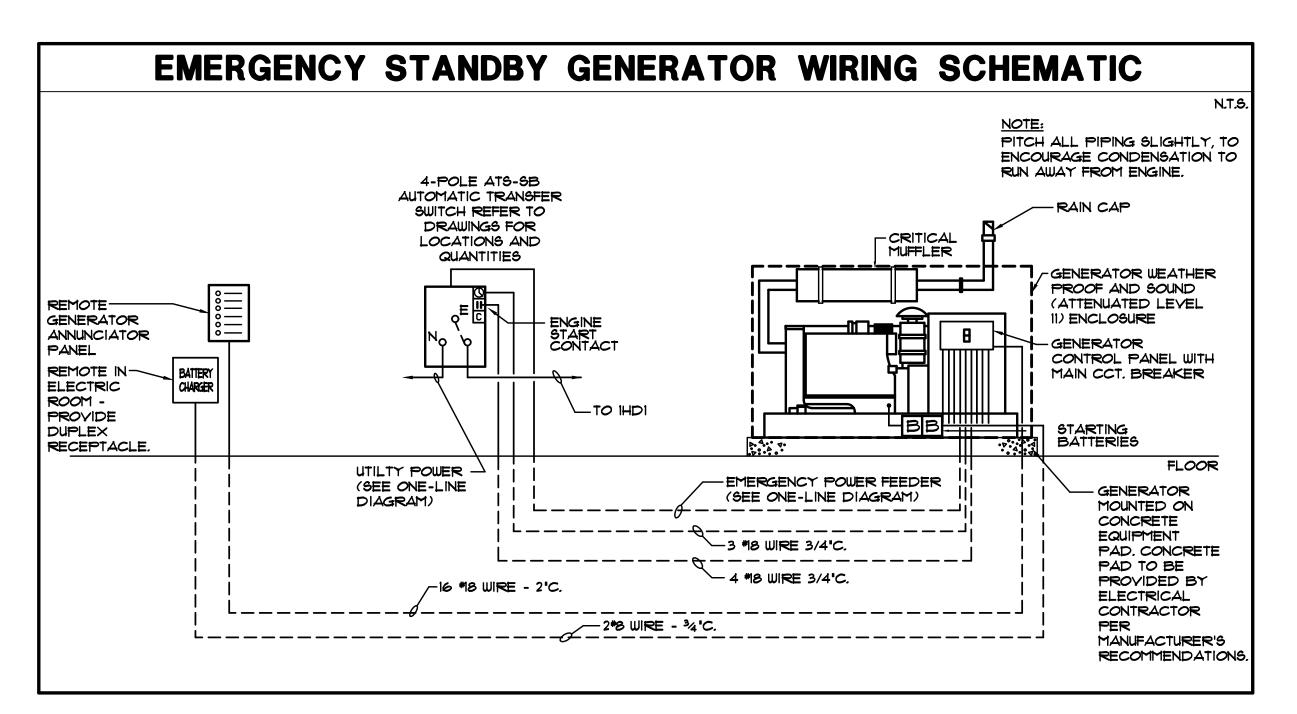
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			INTERIO	OR LIGHTING LUMINA	AIRE S	CHED	ULE	
	TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES DR CATALDG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
	AA	•	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-40L-ADP-EZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	- - - -
	AAI	•	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-48L-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	0	2' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-60L-ADP-EZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120/277 YOLT 0-10V DIM	LED 4000K MAX 48 W MIN 6000 LM	RECESSED LAY-IN	- - -
	ДДЗ	0	2' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-T2L-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	0	· · · · · · · · · · · · · · · · · · ·	LITHONIA *2BLT2-40L-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	- - - -
	ABI	0	2' × 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-48L-ADP-EZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 44 W MIN 4800 LM	RECESSED LAY-IN	- - - -
	AB2	0		LITHONIA *2BLT2-20L-ADP-EZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 26 W MIN 2000 LM	RECESSED LAY-IN	- - -
	AC	0		LITHONIA *2GTL4-88L-RW-A19INV-MVOLT-EZI- LP840-ABC COLUMBIA *LJT24 SERIES METALUX *CP-LED SERIES	120/277 VOLT 0-10V DIM	LED 4000K CRI +85 MIN 8800 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING -
7	\sim	XXX	6' DIAMETER LED DOWNLIGHT WITH	LITHONIA *LDN6-40-15-LO6-AR-LSS-MYOLT	120/2 11 VOLT	LED		
	CA	· · · · · · · · · · · · · · · · · · ·	6" DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, SWHITE-SLANGE	-EZIØ-XX PRESCOLITE *LTR SERIES PORTFOLIO *LDGB SERIES	0-10V DIM	LED 4000K MAX 18 W	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
	CAI	0	6' DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE	LITHONIA *LDN6-40-20-LO6-AR-LSS-MVOLT -EZIØ-XX PRESCOLITE *LTR SERIES PORTFOLIO *LDGB SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 22 W MIN 2000 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
1	СВ	0		LITHIGHIA "L'DING-40-15-LWG-4R-L'SO-11-OLT- -EZIØ-XX PRESCOLITE "LTR SERIES PORTFOLIO "LD6B SERIES	120/271 40/27 0-10/ DIM	4000K MAX 18 W MIN 1500 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
	cc	0	DOWNLIGHT	GOTHAM *EVO6-40-30-AR-ND-LSS-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-L48-7000LM-SEF-FDL-MVOLT -GZI0-40K-80CRI-XX-XX METALUX *SNLED SERIES COLUMBIA *MPS SERIES	120/277 VOLT 0-10V DIM	LED 4000K MAX 50 W MIN 7000 LM	'Y' CHAIN SUSPEND 10'-0'	-COORD LOCATIONS WITH DUCTWORK & PIPING
	PB		LED CONTINUOUS PENDANT FIXTURE	MARK ARCHITECTURAL LIGHTING *\$2LD-LCB-XX-M\$L8-80CRI-40K-800LMF- MYOLT-XX-XX-2T NULITE *RP2-D-09-L40-UNY-D-FRF-X-TI-48-XX LUMENUERX *VIA2PD-HLO-FH-LED-80-800-40-XX-UNY-DI-1 -53WAC36-X	120/277 VOLT Ø-10V DIM	LED 4000 K MIN 800LM/FT MAX 8W/FT		-VERIFY FINISH AND SUSPENSION HEIGHT WITH ARCHITECTPROVIDE LENGTHS AS SHOWN ON DRAWINGS. VERIFY EXACT QUANTITIES WITH DRAWINGS.
1	PC	· · ·	PENDANT AD-3	#LC4P-ØITM-4ØK-MVOLT-X-X #EVO2PC-4Ø-15-X-X-X-	120/217 VOLT 0-10V DIM	LED 4000K MAX 16W MIN 1700LM	SUSPENDED VERIFY W/ ARCHITECT	-VERIFY FINISH WITH ARCHITECT
	WA	—	4' LED WRAPAROUND FIXTURE	LITHONIA #FML4W-48-5000LM-835-ZT-MVOLT COLUMBIA *CRW4-LSCS METALUX *4NLW4040C	277 <i>VO</i> LT	LED 4000K MAX 54 W MIN 5000LM	WALL MTD	-PROVIDE ALL MOUNTING ACCESSORIES -VERIFY FINISH WITH ARCHITECT
	WB	₩	2' LED WALL MOUNT FIXTURE AD-3	LITHONIA #112-221 XX EZI-LES40-XX XX ARCHER #HPW348-MVOLT-LED40-1UID-X CHRYSALITE #HPW236-MVOLT-LED40-1UID-X-X	277 VOLT Ø-1ØV DIM	LED 4000K 21W MIN 2200LM	WALL MOUNTED	
	wc	P	LED WALL MOUNT VAPOR TIGHT FIXTURE FOR ELEVATOR PIT	LITHONIA *CSYT-L48-4000LM-MYOLT-40K-80CRI-STSL OR APPROVED EQUAL	120/277 VOLT	LED 4000K MAX 40 W MIN 4000 LM	WALL	-COORDINATE MOUNTING LOCATION WITH ELEVATOR MANUFACTURER
	ХА	⊗ 🌣	BATTERY BACKUP	DUAL-LITE *SE-S-R-X LITHONIA *LE-S-X-I-R-X-EL-N-SD SURE-LITES *CX SERIES	120/277 VOLT	LED MAX 3W	CEILING/ WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
	ХВ	•	BATTERY BACKUP	DUAL-LITE *SE-D-R-X LITHONIA *LE-S-X-2-R-X-EL-N-SD 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	SERIES INVERTER (SIZE AND QUANTITY AS REQUIRED) FIXTURES GREATER THAN 10000LM:	120/277 VOLT	-	IN FIXTURE/ REMOTE	-PROVIDE TEST SWITCH AND CHARGING INDICATOR -INTEGRAL BATTERIES NOT ALLOWED IN FIXTURES WITH GREATER THAN 10000 LUMENS
				MYERS LY SERIES INVERTER (SIZE AND QUANTITY AS REQUIRED)				
	ΝL		CONSTANT HOT, UNSWITCHED NIGHT LIGHT FIXTURE					



DESIGN

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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

04/15/22 COORDINATED

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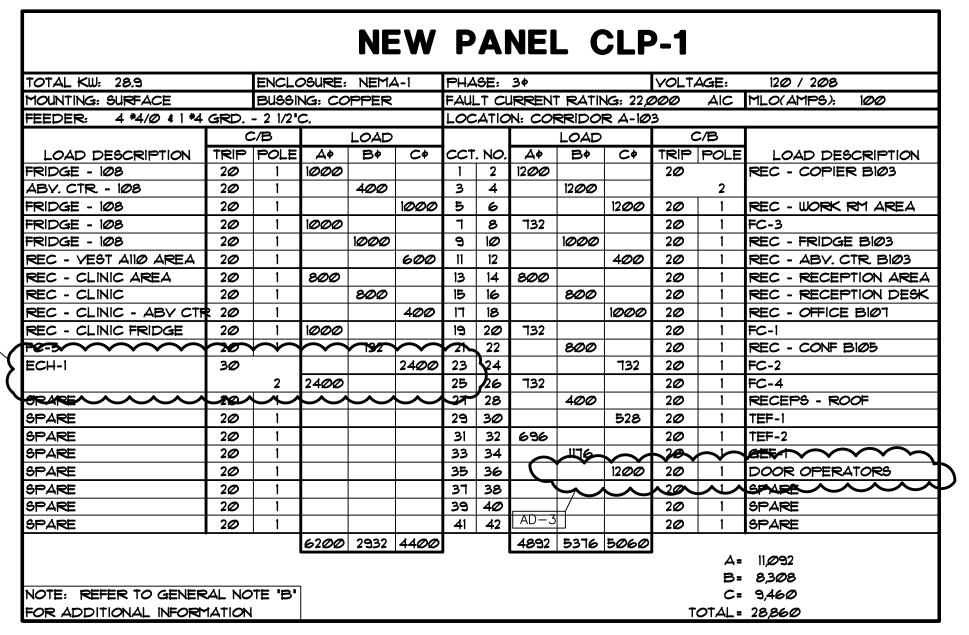
MARK DATE ISSUED FOR AD-2 05/05/22 ADDENDUM NO. 2 AD-3 | 05/12/22 | ADDENDUM NO. 3

-	

ELECTRICAL DETAILS, DIAGRAMS AND LIGHTING FIXTURE SCHEDULE

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

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TOTAL KW: 53.7		ENCL	OSURE:	NEMA	4-1	PHA	SE:	3¢			YOLT!	4GE:	120 / 208
MOUNTING: SURFACE		BUSSI	NG: CC	PPER		FAU	LT CI	JRREN'	RATIN	VG: EXI	STING	AIC	MLO(AMPS): 200
FEEDER: 4 *3/0 4 1 *6	GRD.	- 2 ' C.				LOC	ATIC	N: MEC	CHANIC	:AL A-1	<i>0</i> 9		
		C/B		LOAD					LOAD			C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B¢	C¢	CCT	. NO.	Дф	B¢	C¢	TRIP	POLE	LOAD DESCRIPTION
EXISTING LOAD	20	1				1	2				3Ø	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					٦	8				30		
		2				9	10						EXISTING SUMP
EXISTING LOAD	20	1				11	12					3	
EXISTING LOAD	20	1				13	14				20	1	EXISTING LOAD
TC PANEL	20	1		600		15	16				20		
WORKSTATION	20	1			400	IΠ	18						EXISTING SUMP
WH-1	20	1	1200			19	20					3	
WH-2	20	1		1200		21	22				20		
DATA CABINET - AII5	3Ø	1			2880	23	24						EXISTING SUMP
DATA CABINET - A114	3Ø	1	2880			25	26	~~~	~~	>	~~	~ ~ ~	~~~~~~
EXISTING SPARE	20	1				27	28		3000		40		LIFT PUMP CONTROLS
B-1	20	1			1680	29	30			3000		2	EXISTING SPARE
	15		791			31	32	4300			50		LIFT PUMP CONTROLS
BP-I				1er		33	34		4300				EXISTING SPARE
	<u> </u>	3			191	35	36			4300		3	EXISTING SPARE
	50		29Ø2			37	38	4300			50		
HWP-1				29Ø2		39	40		4300				LIFT PUMP
		3			29Ø2	41	42			4300		3	
	•		7773	5493	8653			3000	HOOD	11600		$\overline{\overline{}}$	

					Αl	DMIN	I MI	ECH	ANIC	AL	EQUIF	PMEN	T CONNE	CT	ON	S	CHEDU	JLE
TAG	DE9CRIPTION			LOAD			MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER		START	ER BY:	LOCATION	REMARKS
		WATTS	HP	MCA	FLA	AMPS						C/B	CABLE	С	MC.	EC.		
C-1	AIR COOLED CHILLER	17@232	-	205	-	-	225	480	3	IHDI	-	225A/3P	4 *4/Ø 4 1 *4 GRD.	2-1/2"	×	-	-	-
B-1	BOILER	1680	•	-	14	-	20	120	1	1L4	1	20A/IP	2 41 41 42 GRD.	3/4'	×	-	-	-
B-2	BOILER	1680	-	-	14	-	20	120	1	1L4	3	20A/IP	2 41 41 GRD.	3/4'	×	-	-	-
∆ H-1	AIR HANDLER	63526	-	דד	-	-	110	480	3	1HD1	-	110A/3P	4 #1 \$ 1 #6 GRD.	1-1/2"	×	-	-	-
ER-I	EXHAUST RELIEF FAN	26158	-	32	-	-	45	480	3	111	1-3-5	45A/3P	4 *6 \$ *10 GRD.	1"	×	-	-	-
<i>∆</i> H-2	AIR HANDLER	20552	-	25	-	-	35	480	3	11-11	2-4-6	35A/3P	4 *8 \$ 1 *10 GRD.	3/4'	×	-	-	-
ER-2	EXHAUST RELIEF FAN	3986	3	-	-	-	-	480	3	11-11	8-10-12	15A/3P	4 #12 4 1 #12 GRD.	3/4'	×	-	-	-
TEF-1	TOLIET EXHAUST FAN	2807	2	-	-	-	-	208	3	IL3	1-3-5	15A/3P	4 #12 4 1 #12 GRD.	3/4'	×	-	-	-
TEF-2	TOLIET EXHAUST FAN	696	1/4	-	-	-	-	120	1	IL3	7	20A/IP	2 41 41 42 GRD.	3/4'	-	×	-	-
GEF-1	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	1L4	5	25A/IP	2 #10 4 1 #10 GRD.	3/4'	-	×	-	-
GEF-2	GENERAL EXHAUST FAN	1656	3/4	_	-	-	-	120	1	1L4	Т	25A/IP	2 #10 4 1 #10 GRD.	3/4'	-	×	-	-
CH-1	CABINET HEATER	696	1/4	_	-	-	15	120	1	1L2	43	20A/IP	2 #12 4 1 #12 GRD.	3/4'	-	-	-	-
CH-2	CABINET HEATER	696	1/4	-	-	-	15	120	1	1L2	50	20A/IP	2 #12 4 1 #12 GRD.	3/4'	-	-	-	-
\ UH-1	UNIT HEATER	216	-	2	-	-	15	120	1	11_1	22	20A/IP	2 #12 4 1 #12 GRD.	3/4'	-	-	-	-
UH-2	UNIT HEATER	216	·	2	<u>.</u>	·-	15	120		1L1	1,2	20A/IP	2 4 1 4 GRD.	3/4'	-	-	-	-
AC-1		8684	-	42	-	-	45	208	1	1L4	25-27	45A/2P	3 % 4 1 MØ GRD	3/4') -	-	-	-
AC-2	AIR CONDITIONER	8684	-	42	-	-	45	208	1	1L4	29-31	45A/2P	3 % 4 1 MØ GRD	3/4'	} -	-	-	-
AC-3	AIR CONDITIONER	8684	-	42	-	-	45	208	1	1L4	33-35	45A/2P	3 *6 4 1 *10 GRD	3/4"	} -	-	-	-
Cu-1	CONDENSING UNIT	13120	-	-	15.8	-	-	480	3	11-11	43-45-47	20A/3P	4 #12 4 1 #12 GRD	3/4'	-	-	-	-
CU-2	CONDENSING UNIT	13120	•	-	15.8	-	-	480	3	11-11	49-51-53	20A/3P	4 #12 4 1 #12 GRD	3/4'	} -	-	-	-
Cu-3	CONDENSING UNIT	13120	•	-	15.8		-	480	3	111	55-51-59	20A/3P	4 #12 4 1 #12 GRD	3/4"	} -	-	-	-
BP-1	BOILER PUMP	1744	_	-	-	-	-	480	3	1H1	I-e-L	15A/3P	4 42 4 1 42 GRD.	3/4'	×	-	-	-
BP-2	BOILER PUMP	1744	1	_	-	-	-	480	3	111	13-15-17	15A/3P	4 #12 4 1 #12 GRD.	3/4'	×	-	-	-
HWP-1	HOT WATER DISTRIBUTION PUMP	6311	5	-	-	-	-	480	3	111	19-21-23	20A/3P	4 #12 4 1 #12 GRD.	3/4'	×	-	-	-
HWP-2	HOT WATER DISTRIBUTION PUMP	6311	5	-	-	-	-	480	3	111	25-27-29	20A/3P	4 #12 4 1 #12 GRD.	3/4'	×	-	-	-
CP-I	CHILLER PUMP	3986	3	_	-	-	-	480	3	111	14-16-18	15A/3P	4 #12 4 1 #12 GRD.	3/4'	×	-	-	-
CWP-	CHILLED WATER PUMP	3986	3	-	-	-	-	480	3	111	31-33-35	15A/3P	4 #12 4 1 #12 GRD.	3/4'	×	-	-	-
CWP-2	CHILLED WATER PUMP	3986	3	-	-	-	-	480	3	111	37-39-41	15A/3P	4 #12 4 1 #12 GRD.	3/4'	×	-	-	-
DBP-	DOMESTIC BOOSTER PUMP	2826	-	-	-	-	-	480	(2) 3	11-11	VARIES	15A/3P	4 #12 4 1 #12 GRD.	3/4'	×	-	•	PROVIDE TWO (2) CONNECTIONS
TWH-1	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	1L4	9	20A/IP	2 #12 4 1 #12 GRD.	3/4'	-	-	•	-
TWH-2	TANKLESS WATER HEATER	240	•	-	-	2	-	120	1	1L4	9	20A/IP	2 #12 4 1 #12 GRD.	3/4'	-	-	•	-
RCP-	TANKLESS WATER HEATER	528	1/6	-	-	-	-	120	1	1L4	11	20A/IP	2 #12 & 1 #12 GRD.	3/4'	×	-	•	-
WS-1	WATER SOFTENER	800	-	-	-	-	-	120	1	1L4	13	20A/IP	2 #12 4 1 #12 GRD.	3/4'	×	-	•	-

					٦	ΓAF	T M	ECH	IANI	CAL	EQU	IPME I	NT CONN	EC.	TIO	N S	CHED	ULE
TAG	DESCRIPTION			LOAD	_		MOCP	YOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER		START	ER BY:	LOCATION	REMARKS
		WATTS	HP	MCA	FLA	AMPS						C/B	CABLE	С	MC.	EC.		
B-1	BOILER	1680	-	-	14	-	20	120	1	ALXI	29	20A/IP	2 41 41 GRD.	3/4'	×	-	-	-
FC-I	FAN COIL	720	-	6	-	-	15	120	1	CLPI	20	20A/IP	2 #12 \$ 1 #12 GRD.	3/4"	×	-	-	-
FC-2	FAN COIL	468	-	3.9	-	-	15	120	1	CLPI	24	20A/IP	2 #12 4 1 #12 GRD.	3/4'	×	-	-	-
FC-3	FAN COIL	468	-	3.9	-	-	15	120	1	CLPI	8	20A/IP	2 412 4 1 412 GRD.	3/4'	×	-	-	-
FC-4	FAN COIL	732	-	6.1	-	-	15	120	1	CLPI	26	20A/IP	2 412 4 1 412 GRD.	3/4'	×	•	•	-
FC-5	FAN COIL	732	-	6.1	-	-	15	120	1	CLPI	21	20A/IP	2 412 4 1 412 GRD.	3/4'	×	•	-	-
FC-6	FAN COIL	732	-	6.1	-	-	15	120	1	BLPI	8	20A/IP	2 412 4 1 42 GRD.	3/4"	×	•	-	-
TEF-1	ROOF TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	CLPI	3Ø	20A/IP	2 412 4 1 412 GRD.	3/4'	-	×	-	-
TEF-2	ROOF TOILET EXHAUST FAN	696	1/4	-	-	-	-	120	1	CLPI	32	20A/IP	2 412 4 1 412 GRD.	3/4'	-	×	•	-
GEF-1	ROOF GENERAL EXHAUST FAN	1176	1/2	-	-	-	-	120	1	CLPI	34	20A/IP	2 412 4 1 42 GRD.	3/4"	-	×	-	-
BP-I	BOILER PUMP	2375	1 1/2	-	-	-	-	208	3	ALXI	31-33-35	15A/3P	4 #12 # 1 #12 GRD.	3/4"	-	-	-	-
HWP-1	HOT WATER PUMP	8708	٦ 1/2	-	-	-	-	208	3	ALXI	37-39-41	20A/3P	4 #12 # 1 #12 GRD.	3/4"	-	-	-	-
WH-1	WATER HEATER	1200	-	-	-	-	-	120	1	ALXI	19	20A/IP	2 41 41 42 GRD.	3/4"	-	-	-	-
WH-2	WATER HEATER	1200	-	-	-	-	-	120	1	ALX1	21	20A/IP	2 #12 4 1 #12 GRD.	3/4'	-	-	-	-

AD-2

	TAFT	ELEC	TR	IC F	IEA'	T C	ONN	EC1	ΓΙΟΝ	SCI	HEDU	LE				
												FUSED				
TAG	DESCRIPTION DESCRIPTION			LOAD			MOCP	VOLT	PHASE	PANEL	CKT. NO.	SWITCH	FEEDER		START	ER E
		WATTS	ΗÞ	MCA	FLA	AMPS						C/B	CABLE	С	MC.	EC
ECH-1	WALL MOUNTED ELECTRIC CABINET HEATER	4800	-	_	-	23.1	-	208	1	YARIES	VARIES	30A/2P	3 40 4 1 40 GRD.	3/4"	-	\



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KEY PLAN GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com

Phone 317.580.5777 Fax 317.580.5778 04/15/22 COORDINATED DRAWN BY AG CHECKED BY

Email info@GibraltarDesign.com

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

DRAWING

ELECTRICAL DETAILS & DIAGRAMS

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

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67 | FLOOR TROUGH

CUSTOM

FABRICATED EQUIPMENT

EG	UI	PMENT			EL	EC1	ΓRI	CA	L			
ITEM NUMBER	QUANTITY	DESCRIPTION	MANUFACTURER	MODEL	ITEM NUMBER	OLTAGE	PHASE	AMPS	<u>D</u>	CONN	Д FF	REMARKS
<u>-</u>	1	WALK-IN COOLER/FREEZER	KOLPAK	CUSTOM	1	120	1	20.0				WIRE THRU LIGHTS, SWITCH, DOOR AND DRAIN LINE HEATERS. SEE K400 SHEETS FOR ADDITIONAL INFORMATION.
2	1	COOLER BLOWER COIL	PART OF ITEM #		2	120	1	5.0				SEE K400 SHEETS FOR ADDITIONAL INFORMATION
3	1	COOLER CONDENSING UNIT	PART OF ITEM #		3	208	3	7.2				SEE K400 SHEETS FOR ADDITIONAL INFORMATION
											F	
4	1	HI-DENSITY TOP TRACK COOLER SHELVING	INTERMETRO	METROMAX Q	4							
5	1	FREEZER BLOWER COIL	PART OF ITEM #		5	208	1	9.0		D I		SEE K400 SHEETS FOR ADDITIONAL INFORMATION'S PROVIDE ADDITONAL 120V/60/1 15.0 AMP RECEPTACLE AT 96" FOR HEAT LINE TAPE
6	1	FREEZER CONDENSING UNIT	PART OF ITEM #		6	208	1	12.6 1	5	D 51	u se	E K400 SHEETS FOR ADDITIONAL INFORMATION
٦	3	FREEZER SHELVING UNIT	INTERMETRO	METROMAX Q	7							
8		HI-DENSITY TOP TRACK DRY STORAGE SHELVING	INTERMETRO	METROMAX Q	8							
9	3		INTERMETRO	METROMAX Q	9							
10		LINEN STORAGE SHELVING	INTERMETRO	SUPER ERECTA	10							
11		ISLAND WORKTABLE W/PREP SINK ST. STL.		CUSTOM	11	120	1	16.0				(5) DCO PROVIDED ON TABLE INCLUDES POWER FOR MIXER AND SLICER
12		Disposer, Garbage	In-Sink-Erator	SS-200-T	12	208	1	5.6		D	su	EXTEND SERVICE TO CONTROL PANEL MOUNTED ON COUNTER
13		SPLASH MOUNT FAUCET	T49 BRA99	MPJ-8WLY-12-CR	13			_			•-	
14		WALL MOUNT HAND SINK	JOHN BOOS	PBHS-W-1410-SSLR	14	1200	1	5.0		P	18	NEMA 5-15P REQUIRED FOR ELECTRONIC EYE FAUCET
16		BUN PAN RACK	CHANNEL	4014	16	10.0						
18		20-qt Mixer Slicer	Hobart Hobart	HL200-1STD	17	120	1	8.3 8.3		•		NEMA 5-15P± POWER PROVIDED ON ISLAND WORKTABLE
19		MOBILE WORK TABLE	CUSTOM	97. 9TL.	19	1280	l I	6.0		P	Su	NEMA 5-15P± POWER PROVIDED ON ISLAND WORKTABLE
20		Ice Maker w/ Bin	Manitowoc Ice	91. 91L. YTØ42ØA /D-32Ø	20	120	1	113		D	48	
21		WORKTABLE	CUSTOM	ST. STL.	21	120	1	12.0		P		PROVIDE (2) 120V/20AMP DUPLEX RECEPTACLES MOUNTED IN WALL ABOVE TABLE BACKSPLASH
22		COMMERCIAL MICROWAVE OVEN PANASONIC		NE-1064F	22	120	1	13.4		P		NEMA 5-15P
23		WALL SHELF	CUSTOM	ST. STL.	23					·		
24	4	Utility Cart	Lakeside Manufacturing 744		24							
25	1	ANSUL PULL 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 I	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 RECEPTACLES MOUNTED IN WALL ABOVE TABLE BACKSPLASH: PROVIDE DATA FOR COMPUTER STATION
31		SINGLE DOOR PASS-THRU REFRIGERATOR	TRUE	STAIRPT-IS-IG-HC	31	120	1	3.80		P	DFA	NEMA 5-15P± PROVIDE CEILING HUNG RECEPTACLE AT 90" AFF
32	·	SINGLE DOOR PASS-THRU HEATED CABINET	TRUE	STAIHPT-IG-IS	32	208	1	7.30			DFA	NEMA 6-15P± PROVIDE CEILING HUNG RECEPTACLE AT 90" AFF
34	1	DOUBLE STACKED COMBIOVENS RATIONAL AG		ICC-6-NG/ICC-6-NG	34	208	1	15.0		P	48	NEMA 6-20P± PROVIDE (2) RECEPTACLES FOR (2) OVENS TOTAL
35		CONVECTION OVEN - GAS - SINGLE DECK	SOUTHBEND	SLGB/12SC	35	120	1	е.г		P	48	NEMA 5-15P
36	1	Heavy Duty 24" Gas Range	Montague	124-5	36	120	1	8.3		P	24	NEMA 5-15P
37	1	TILT SKILLET	CLEVELAND RANGE	9GL-3Ø-TI	37	120	1	5.0		P	24	NEMA 5-15P
39		Fryer, Deep Fat, Gas w/Filter	Henny Penny	OFG321.Ø	39	120	1	12.0		P	24	NEMA 5-15P
43		WORKTABLE	CUSTOM	ST. STL.	43	120	1	2.0		P	48	PROVIDE (2) 120V/20AMP DUPLEX RECEPTACLES MOUNTED IN WALL ABOVE TABLE BACKSPLASH
44	1	SPLASH MOUNT FAUCET	T49 BRASS	B-Ø23I-CR	44							
50	1	ICE CADDY	CAMBRO	ICSIØØLIIØ	50							
51		DISH RACKING OVERSHELF	ADVANCE TABCO	DT-6R-24	51							
52 53		SOILED DISH TABLE SPLASH MOUNT PRE-RINSE FAUCET T#S BRASS	CUSTOM	ST. STL. B-0133-CR-B-SWY 0.50	52							
54		Disposer, Garbage	In-Sink-Erator	56-200-1	54	208	1	5.6		D	18	EXTEND SERVICE TO CONTROL PANEL MOUNTED ON COUNTER
56	1	DISHWASHER, DOOR TYPE, HIGH TEMP VENTLESS ELECTRIC	HOBART	AMIGVLT-ADV	56	208	3	53.5		-		EXTEND SERVICE TO DISCONNECT MOUNTED ON COUNTER: SINGLE POINT CONNECTION FOR DISHMACHINE AND BOOSTER HEATER
58		CLEAN STRAIGHT DISHTABLE	custom	ST. STL.	58							
59	1	WALL SHELF	custom	ST. STL.	59							
60	2	SPLASH MOUNT FAUCET	T4S BRASS	B- <i>0</i> 29 <i>0</i>	60							
61	3	MOBILE DRYING RACK	Metro	PR**VX*-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	9-0P-20	64							
65	1	CHEMICAL STORAGE	INTERMETRO	SUPER ERECTA	65							
66	1	CLASS K FIRE EXTINGUISHER	BY OWNER	NOT IN KEC	66							
				CONTRACT								
67		ELOOP TROUGH	CUSTOM		/ →		_					



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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

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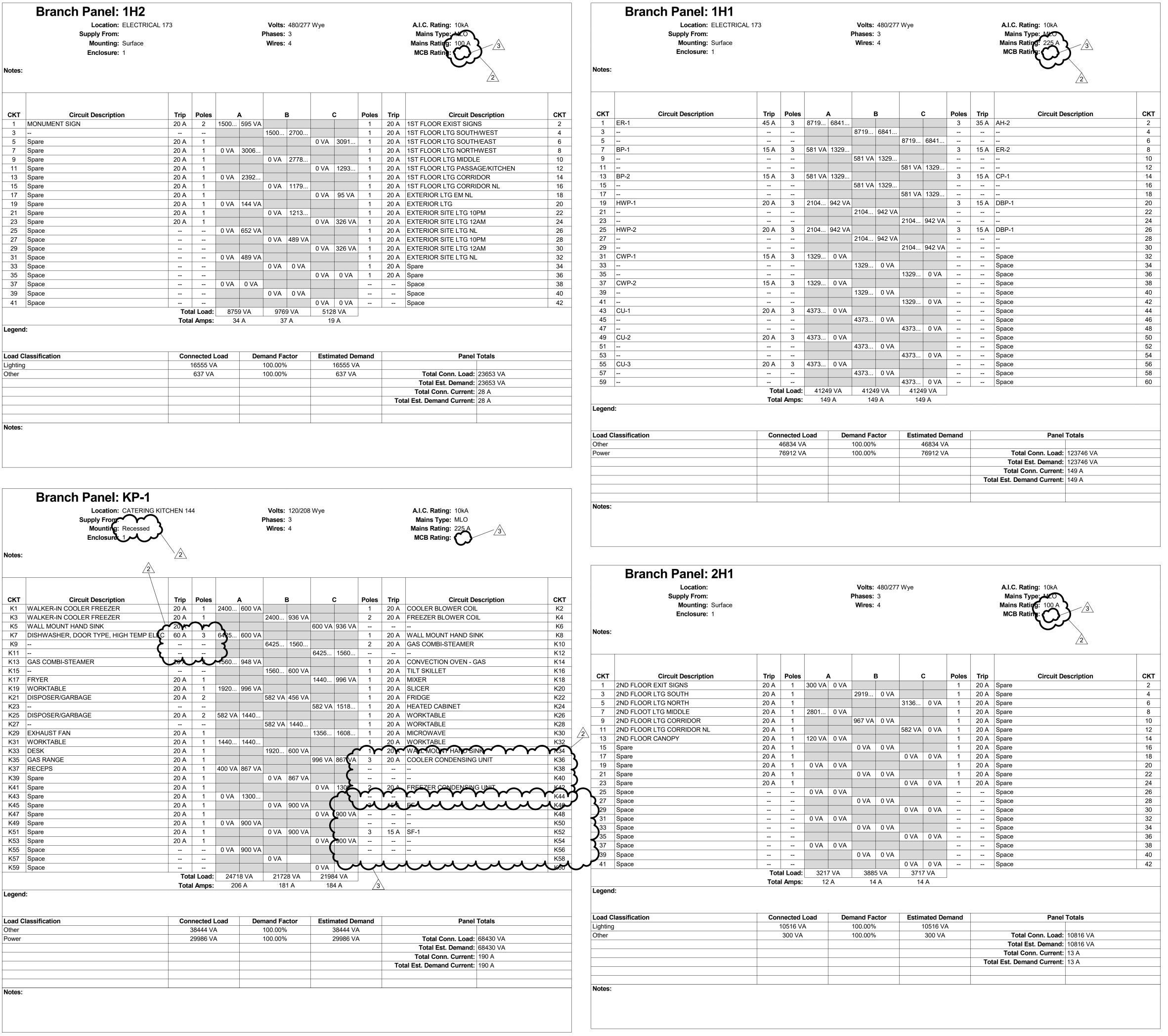
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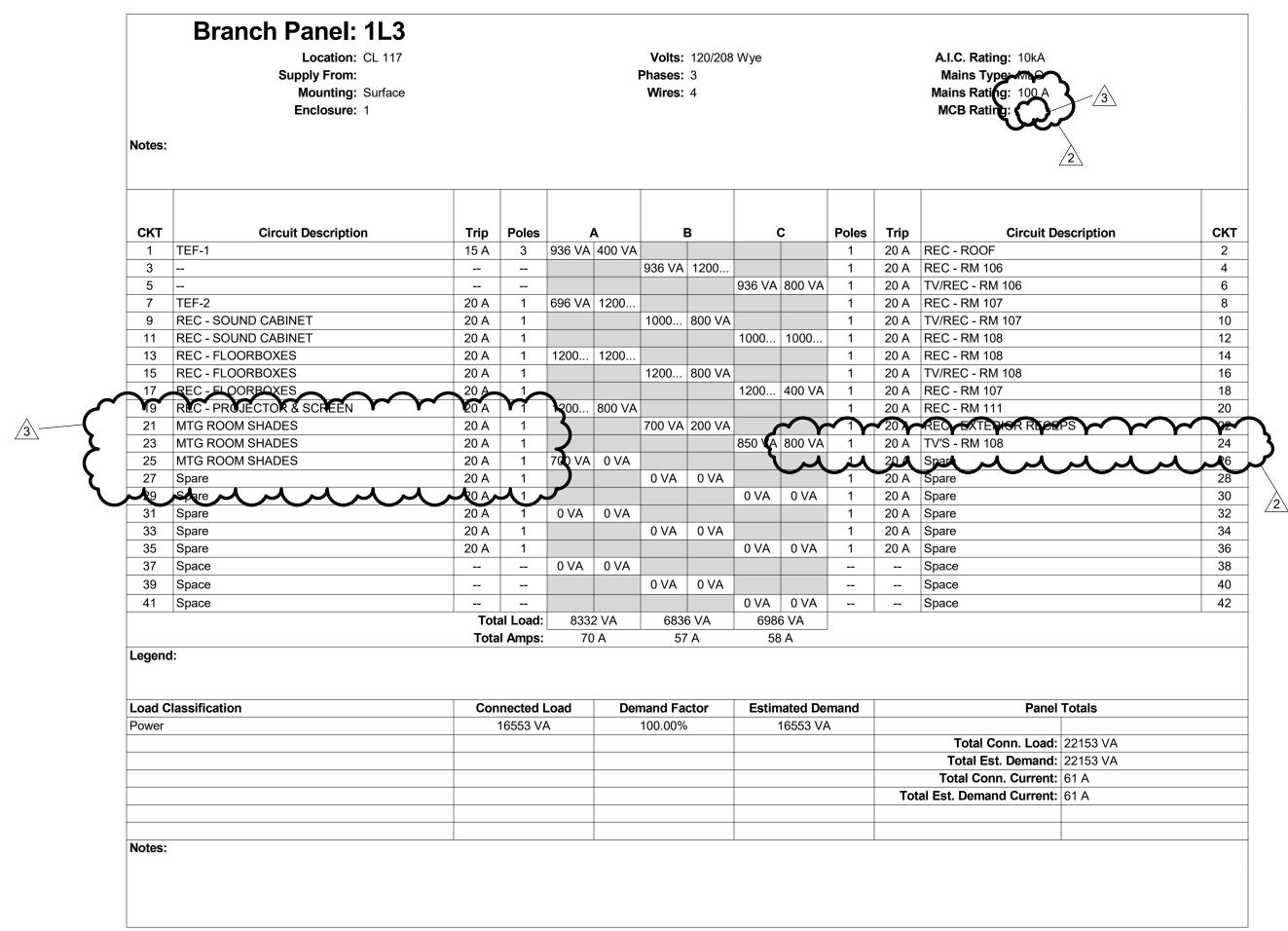
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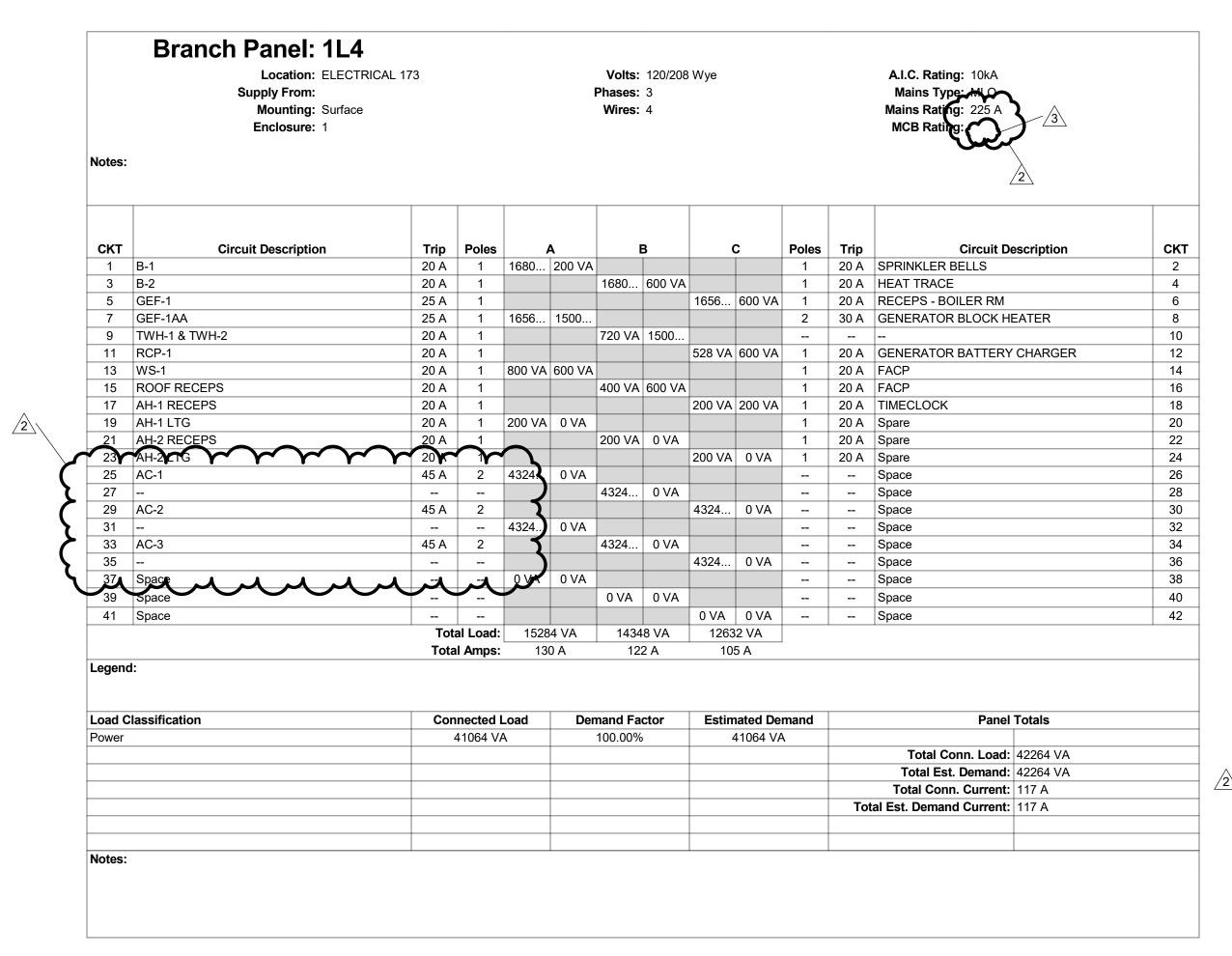
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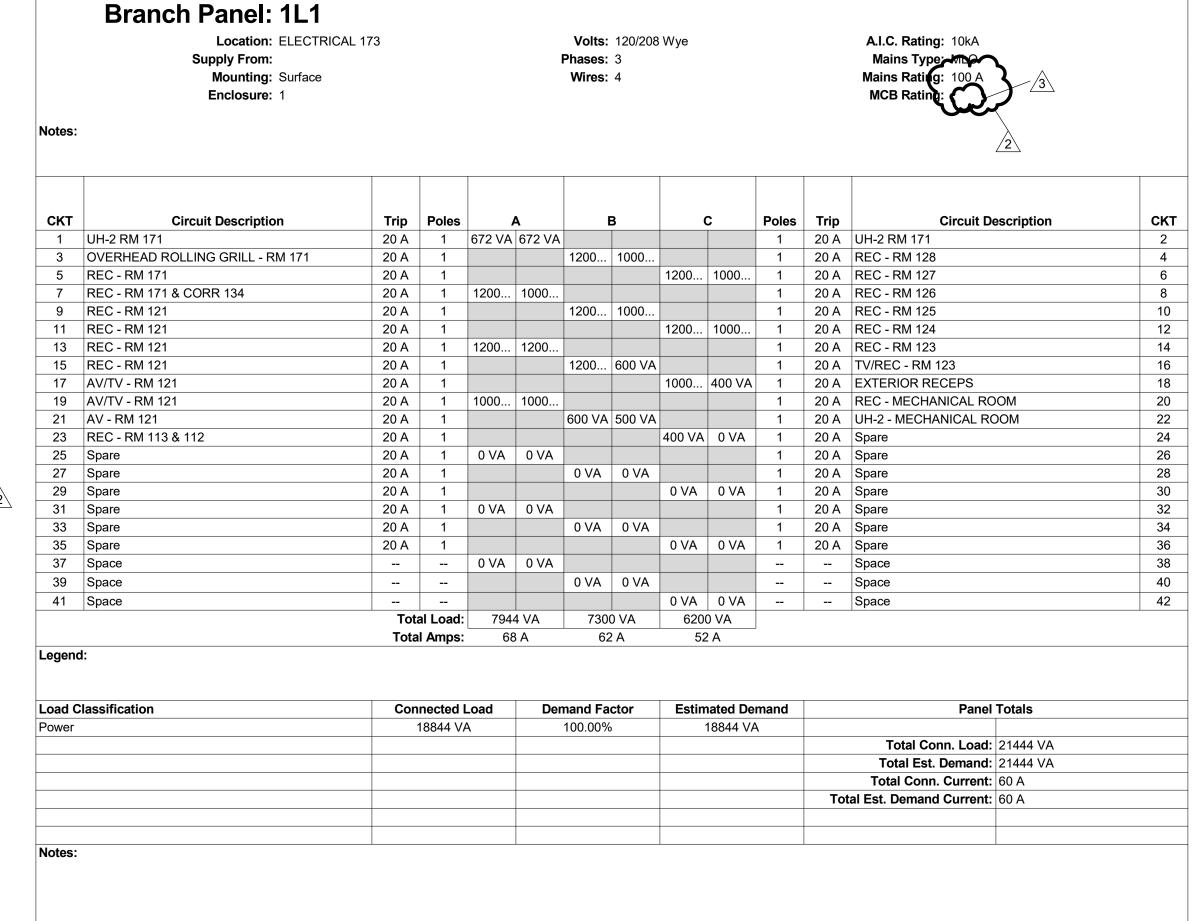
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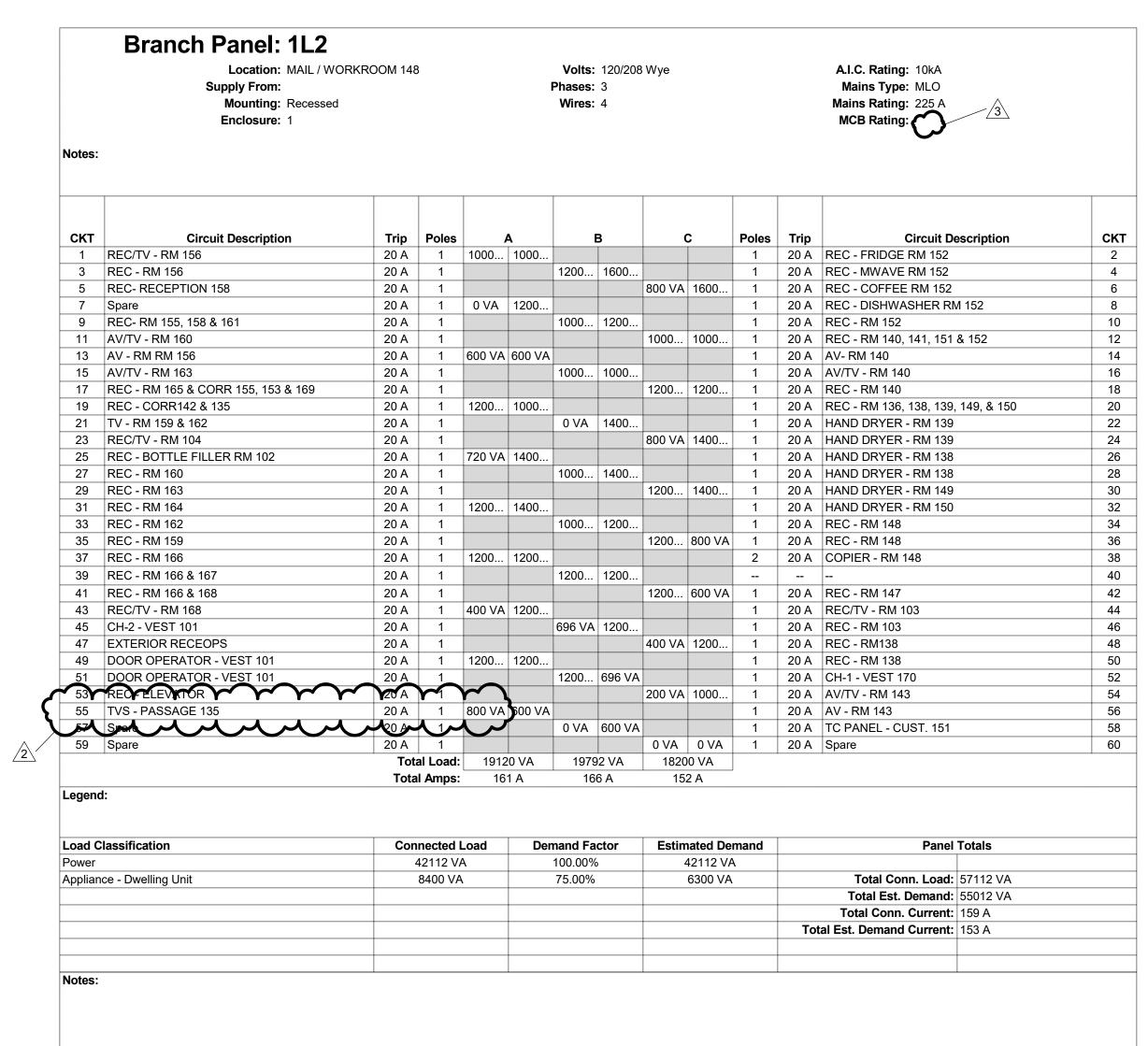
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GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
Homepage: www.GibraltarDesign.com

Email: info@GibraltarDesign.com

Phone 317.580.5777 Fax 317.580.5778

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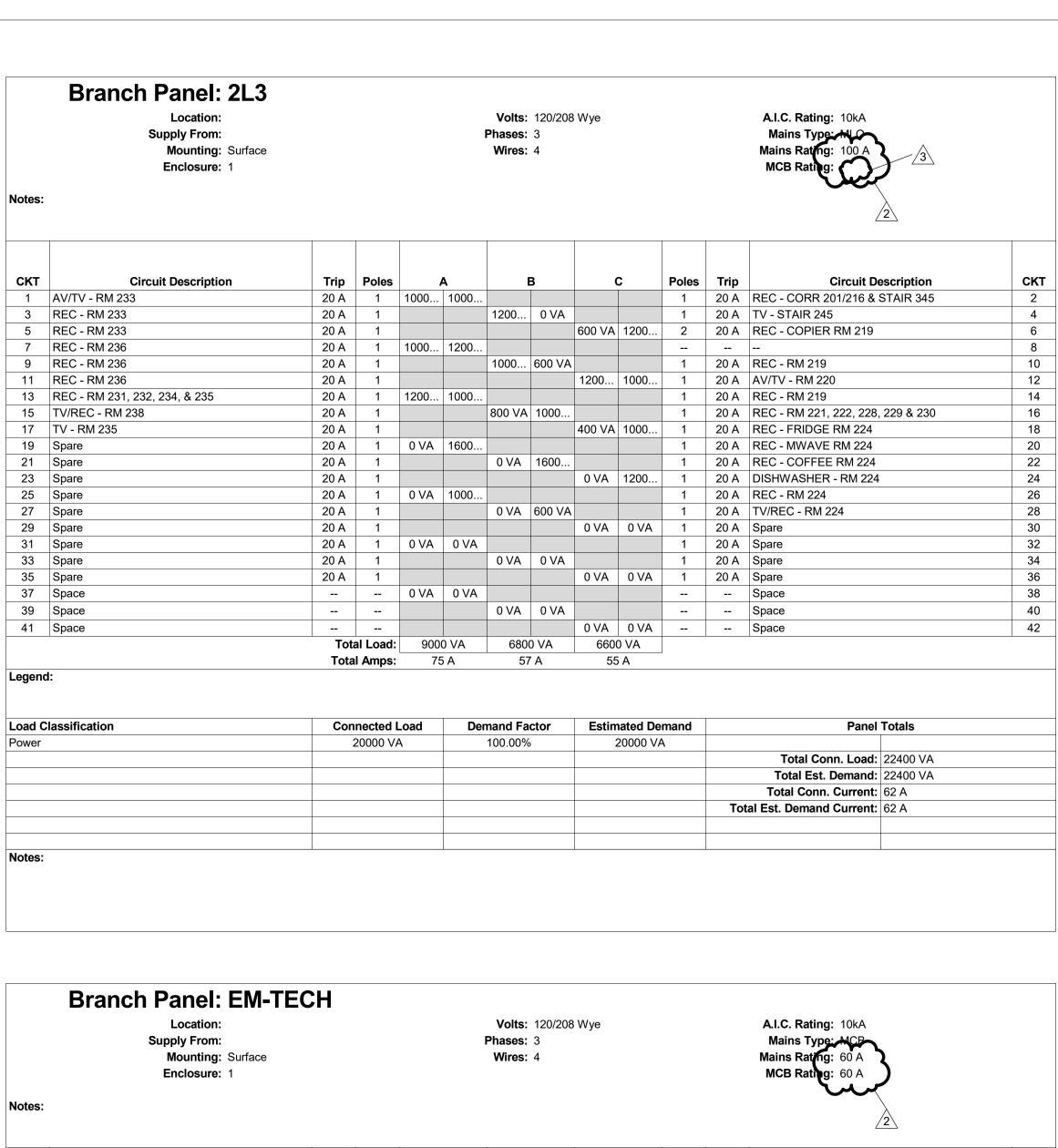
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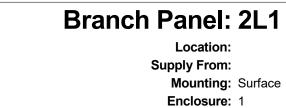
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СКТ	Circuit Description	Trip	Poles	. A		В		С		Poles	Trip	Circuit Description	СКТ
T1	REC - DATA RACK - RM 223	20 A	1	1200	800 VA					1	20 A	REC - CONV - RM 223	T2
T3	REC - IDF - RM 223	20 A	2			1500	0 VA			1	20 A	Spare	T4
T5								1500	0 VA	1	20 A	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
	1 -	Tota	al Load:	200	0 VA	150	0 VA	1500) VA			1 · · ·	
		Tota	I Amps:	1	7 A	13	3 A	13	ВА	-			

oad Classification	Connected Load	Demand Factor	Estimated Demand	Panel	Totals
ower	5000 VA	100.00%	5000 VA		
				Total Conn. Load:	5000 VA
				Total Est. Demand:	5000 VA
				Total Conn. Current:	14 A
				Total Est. Demand Current:	14 A



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

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

СКТ	Circuit Description	Trip	Poles		4	ı	3		C	Poles	Trip	Circuit Description	СКТ
1	REC - COR 258 & RM 209/208/207	20 A	1	1200	1000					1	•	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
		Tota	al Load:	8000) VA	480	0 VA	380	0 VA				

Legend:

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

32 A

Total Amps: 68 A 41 A

Branch Panel: 2L2 Location: Supply From: Mounting: Surface Enclosure: 1

Circuit Description

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

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

Trip	Poles		Ą	ı	В		3	Poles	Trip	Circuit Description	СКТ
20 A	1	0 VA	1200					1	20 A	REC - RM 240, 241, 243	2
20 A	1			1200	1000			1	20 A	TV/REC - RM 240, 241 & 243	4
20 A	1					0 VA	1200	1	20 A	REC - RM 254	6
20 A	1	1200	1200					1	20 A	REC - RM 254	8
20 A	1			0 VA	1000			1	20 A	REC - RM 214 & 215	10
20 A	1					1200	1200	2	20 A	REC - COPIER RM 215	12
20 A	1	1000	1200								14
20 A	1			1000	600 VA			1	20 A	REC - COR 216 & STAIR 226	16
20 A	1					1000	1200	1	20 A	AV - RM 254	18
20 A	1	1000	0 VA					1	20 A	Spare	20
20 A	1			1000	0 VA			1	20 A	Spare	22
20 A	1					1000	0 VA	1	20 A	Spare	24
20 A	1	1000	0 VA					1	20 A	Spare	26
20 A	1			1000	0 VA			1	20 A	Spare	28
20 A	1					1200	0 VA	1	20 A	Spare	30
20 A	1	800 VA	0 VA					1	20 A	Spare	32
20 A	1			0 VA	0 VA			1	20 A	Spare	34

0 VA 0 VA 1 20 A Spare

-- Space

33 Spare

37 Space

39 Space

41 Space

35 Spare

3 REC - RM 239

7 REC - RM 242

9 Spare
11 REC - RM 244
13 REC - RM 248

15 REC - RM 249 17 REC - RM 250 19 REC - RM 251 21 REC - RM 252 23 REC - RM 253 25 REC - RM 255 27 REC - RM 256 29 TV/REC - RM 225

31 REC - RM 225

5 Spare

oad Classification	Connected Load	Demand Factor	Estimated Demand	Panel Totals
Power	22200 VA	100.00%	22200 VA	
				Total Conn. Load: 23400 VA
				Total Est. Demand: 23400 VA
				Total Conn. Current: 65 A
				Total Est. Demand Current: 65 A
letee				•

0 VA | 0 VA |

57 A

Total Load: 8600 VA 6800 VA 8000 VA

-- -- Space

68 A

-- -- 0 VA 0 VA

Total Amps: 73 A



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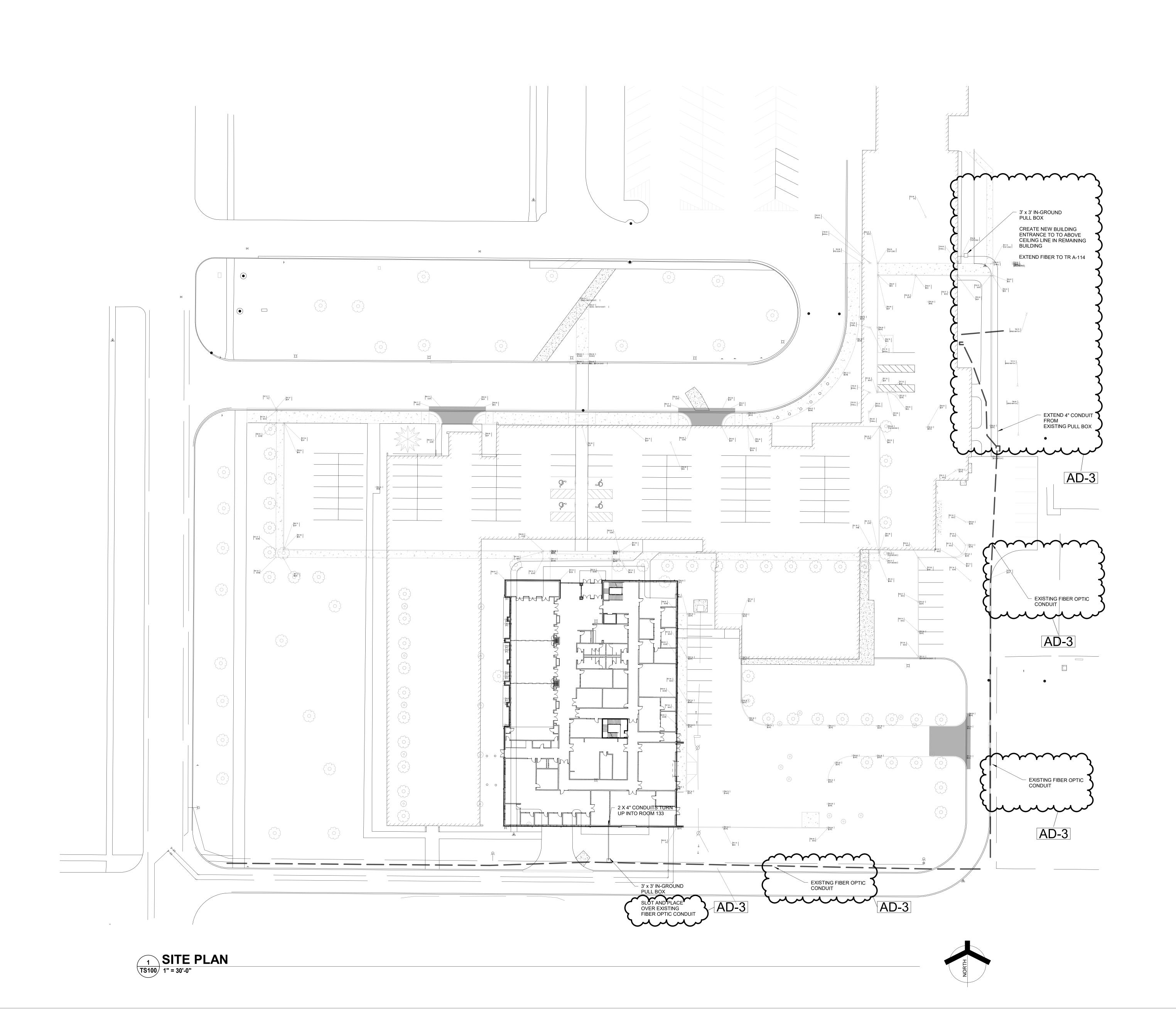
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ELECTRICAL SCHEDULES

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Brian K Scott

BICSI ID # 114038

Expires 12-31-24

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DRAWING Site Plan

PROJECT

NEW ADMINISTRATION CENTER,

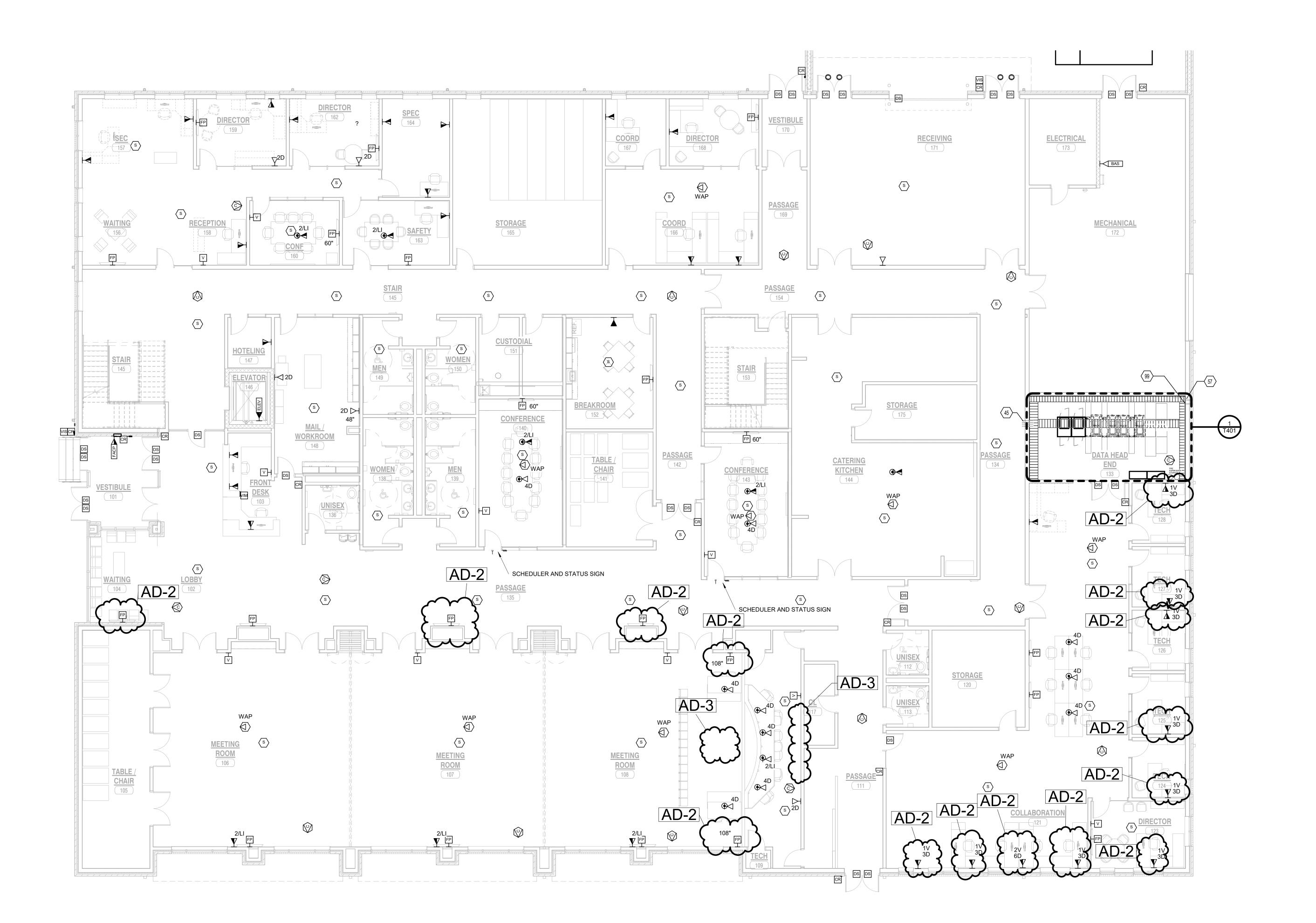
ALTERNATIVE EDUCATION &
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SHEET
TC1

TS100

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

Keynote Legend







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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

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DRAWING
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TELECOMMUNICATIONS PLAN

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