ADDENDUM NO. 2

April 7, 2022

COLONEL JOHN WHEELER MIDDLES SCHOOL ADDITION, RENOVATION, AND RELATED WORK
Crown Point, IN 46307

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated March 14, 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 2-1 through ADD 2-3 and attached Addendum No. 2 from Gibraltar Design dated April 6, 2022 and consisting of 11 pages, Specification Section 05 58 13 - Metal Column Covers, and 77 drawings.

A. SPECIFICATION SECTION 00 00 20 - TABLE OF CONTENTS

1. **Add:**

   Specification Section 05 58 13 - Metal Column Covers

B. SPECIFICATION SECTION 00 31 00 - INDIANA BID FORM

1. **Replace:**

   The Bid Form with the attached revised Bid Form

C. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

1. BID CATEGORY NO. 1 - GENERAL TRADES

1. **Add:**

   Specification Section 05 58 13 - Metal Column Covers

   Clarification No. 21:
   The **Bid Category No. 2 Contractor** shall provide all work associated with demolition and removal of existing masonry walls where new doors, windows, mechanical openings and louvers are being added. The **Bid Category No. 2 Contractor** shall also provide lintels at these locations including patch and repair of masonry to match adjacent masonry.

   Clarification No. 22:
   The **Bid Category No. 1 Contractor** shall provide all work associated with Note 3 on the A-100 Series Drawings.

2. BID CATEGORY NO. 2 - MASONRY

1. **Add:**

   Clarification No. 6:
   The **Bid Category No. 2 Contractor** shall provide all work associated with demolition and removal of existing masonry walls where new doors, windows, mechanical openings and louvers are being added. The **Bid Category No. 2 Contractor** shall also provide lintels at these locations including patch and repair of masonry to match adjacent masonry.

   Clarification No. 7:
   The **Bid Category No. 2 Contractor** shall provide all work associated with General Note I on the A-300 Series Drawings.

2. **Remove:**

   Clarification No. 20 in its entirety.

3. BID CATEGORY NO. 4 - ALUMINUM ENTRANCES & GLAZING

1. **Add:**

   Clarification No. 4:
   The **Bid Category No. 4 Contractor** shall provide all work associated with General Note J on the A-300 Series Drawings.

D. SPECIFICATION SECTION 01 23 00 - BID ALTERNATES

1. **Replace:**

A. ALTERNATE NO. 1: State the cost for the addition of Parking Lot Addition "A" Base Bid: Remove existing out building complete (footings to remain). Remove associated concrete apron to curb. Fill void left after demolition with compacted engineered fill to within 4" of adjacent grade. Top with 4" of topsoil and sod. The remainder of the area shall remain green space.

2. **Add:**

J. ALTERNATE NO. 10: State the cost to provide rigid heavy wall or IMC, galvanized steel conduit for all new conduits larger than 2" trade size. **Base Bid:** Conduits larger than 2" trade size shall be permitted to be EMT.

K. ALTERNATE NO. 11: State the cost to replace all sealant and backer rod in the existing classroom building at all existing vertical control joints, windows, and doors as indicated on Sheet A-303. **Base Bid:** Existing sealant and caulk to remain.

L. ALTERNATE NO. 12: State the cost for the addition of Parking Lot Addition "B", inclusive of the concrete walk immediately to the East of Parking Lot Addition "A". **Base Bid:** Areas indicated to remain green space.

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for CPCSC)

Colonel John Wheeler Middle School Addition, Renovation and Related Work

Crown Point Community School Corporation
Crown Point, IN

PART I

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

Date (month, day, year):_____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid_____

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

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

Of public works project, ***Colonel John Wheeler Middle School Addition, Renovation and Related Work***, in accordance with Plans and Specifications prepared by ***Gibraltar Design, 9102 N. Meridian St., Suite 300, Indianapolis, IN 46260***, as follows:

BASE BID

For the sum of _____
(Sum in words)

_____DOLLARS ($_____)
(Sum in figures)

The undersigned acknowledges receipt of the following Addenda:

Receipt of Addenda No. (s) _____

PROPOSAL TIME

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

Attended pre-bid conference YES _____ NO_____

Has visited the jobsite YES _____ NO_____

The Bidder has reviewed the Guideline Schedule in Section 01 32 00 and the intent Of the schedule can be met.

YES _____ NO_____

Bidder has included their Written Drug Testing Plan that covers all employees of the bidder who will perform work on the public work project and meets or exceeds the requirements set in IC 4-13-18-5 or IC 4-13-18-6.

YES _____ NO_____

The Skillman Corporation's diversity initiative is to create a program to encourage, assist and measure the active participation of Minority- Owned, Women-Owned, Veteran – Owned and Disabled Individual-Owned Businesses. The Program is to ensure that MWVDBEs are provided full and equal opportunity to participate in all Skillman Corporation's Projects.

Bidder has included:

DBE: YES _____% NO _____
MBE: YES _____% NO _____
WBE: YES _____% NO _____
VBE: YES _____% NO _____

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

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

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

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS

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

ALTERNATE BIDS

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

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

Alternate Bid No. 1 – Addition of Parking Lot "A"
Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 2 – Schneider Electric Controls by Precision Controls

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 3 – Boilers Manufactured by Camus

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 4 – Chiller Manufactured by Trane

Change the Base Bid the sum of_____
(sum in words)

_____DOLLARS ($_____) ADD DEDUCT
(sum in figures)

Alternate Bid No. 5 – Air Handling Units Manufactured by Trane

Change the Base Bid the sum of_____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 6 – Chemical Water Treatment by Global Water Technology, Inc.

Change the Base Bid the sum of_____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 7 – Fire Alarm System by Simplex/JCI

Change the Base Bid the sum of_____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 8 – New Pole Baes, Poles and Lighting Fixture Heads

Change the Base Bid the sum of_____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 9 – Replacement of Existing Hot Water Heaters in Existing Middle School

Change the Base Bid the sum of_____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 10 – Rigid Heavy Wall or IMC Galvanized Steel Conduit

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 11 – Replacement of All Sealant and Backer Rod

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

Alternate Bid No. 12 – Addition of Parking Lot "B"

Change the Base Bid the sum of _____
(sum in words)

_____ DOLLARS ($_____) ADD / DEDUCT
(sum in figures)

PART II

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

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

SECTION I EXPERIENCE QUESTIONNAIRE

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

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

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

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

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

_____

_____

_____

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

_____

_____

_____

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

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

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

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

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

_____

_____

_____

_____

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

_____

_____

_____

_____

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

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

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

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

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

SECTION V OATH AND AFFIRMATION

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

Dated at _____this _____ day of _____, 20

_____
(Name of Organization)

By

_____

_____
(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) SS:
COUNTY OF _____)

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

_____

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

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

_____
(Title)

_____
Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

ADDENDUM TWO

Addendum Two (AD.02) to the drawings and specifications prepared by Gibraltar Design for **Colonel John Wheeler Middle School – Addition, Renovations and Related Work** for Crown Point Community School Corporation, Crown Point, Indiana.

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

SPECIFICATIONS

1. **Specification Section 00 01 00 Table of Contents**
   A. Add Specification Section 05 58 13, Metal Column Covers, to the Table of Contents.
2. **Specification Section 04 20 00 Unit Masonry**
   A. Add new Paragraph 2.5.C., and adjust remaining paragraph letters accordingly, as follows:
      "C. Ground-Faced Block: Meeting requirements indicated for concrete block above with exposed aggregate faces.
         1. Basis of Design Manufacturer: Trenwyth Industries, Emigsville, PA; Twinyth Treadstone; Color to be selected from manufacturers full range of colors. Provide with manufacturers factory applied sealer and colored mortar. Provide field applied Trendcoat on installed GFCMU.
            a. Equal Manufacturers:
               i. Consumers Concrete Corporation, Kalamazoo, MI., Permagrind is an equal manufacturer. Sealer for this Product is TK Bright & Seal WB.
               ii. County Materials Corporation, Marathon, WI., Premier Ultra is an equal manufacturer. Sealer for this Product is TK Bright & Seal WB.
         2. Locations: Where indicated on Drawings."
3. **Specification Section 05 58 13 Metal Column Covers**
   A. Add Specification Section 05 58 13, Metal Column Covers, included in this Addendum, to the Project Manual.
4. **Specification Section 12 35 53 Science Laboratory Casework and Equipment**
   A. Revise Paragraph 2.5.A. to read "A. Casework Design: Lipped Overlay Construction." And retain sub-paragraphs 1 and 2 accordingly.
5. **Specification Section 12 61 13 Auditorium and Theater Seating**
   A. Delete Paragraph 2.3.G in its entirety.
6. **Specification Section 26 05 33 Raceways**
   A. Delete Paragraph 2.01 K.3.
   B. Delete Paragraph 2.01 L.4.

DRAWINGS

7. Sheet G-102v1 SHEET INDEX – VOLUME 1

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

1. To the Sheet Index, add "Sheet S-413 – STRUCTURAL FRAMING SECTIONS".
2. To the Sheet Index, add "Sheet A-303 – EXISTING EXTERIOR ELEVATIONS".

8. Sheet C-1.1

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

1. The existing curb line along the southern edge of the parking lot has been included for removal. This is part of the Base Bid.

9. Sheet C-2.0

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

1. The site plan has been modified to included additional sidewalk extension, three handicap ramps, heavy-duty asphalt pavement and continental crosswalk striping.
2. A new 6-foot sidewalk has been added to the north side of the proposed addition. This is part of the Base Bid. Parking Lot "A" and Parking Lot "B" are to be included in Alternate Bid #1.

10. Sheet C-3.0

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

1. The rim elevations for Sanitary Manhole "A" and mismarked Sanitary Manhole "B" have been added. The proposal relocation of the fire hydrant in the new sidewalk extension includes bollard protection. This is part of the Base Bid.

11. Sheet C-4.0

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

1. The additional sidewalk and handicap ramps are shown with the necessary elevations. A new 6-foot sidewalk has been added to the north side of the proposed addition. This is part of the Base Bid. Parking Lot "A" and Parking Lot "B" are to be included in Alternate Bid #1.

12. Sheet C-4.1

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

1. The additional sidewalk and handicap ramps are shown with the necessary elevations. This is part of the Base Bid. Parking Lot "A" and Parking Lot "B" are to be included in Alternate Bid #1.

13. Sheet C-5.0

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

1. The Sidewalk Cross Section has been modified to match the 5" dimension for the depth to the text. A detail of the truncated domes and handicap ramp have been removed. Refer to Sheet C-5.2.1.

14. Sheet C-5.2

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

1. Handicap ramps and a bollard detail have been added. The stair detail has been modified.

15. Sheet S-202

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

1. Sections/Dimensions added for clarity

16. Sheet S-203

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

1. Sections added for clarity
2. Reinforcement added in slab on deck under interior 8" CMU walls
3. Steel framing sizes changed near interior 8" CMU walls (beam depths have not changed)

17. Sheet S-204

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

1. Sections added for clarity

18. Sheet S-205

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

1. Sections added for clarity
2. Roof deck support angle added at stair

19. Sheet S-402

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

1. Geofoam section added for exist. cafeteria infill

20. Sheet S-412

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

1. Sections 16 & 17 have been added
2. Revisions made to other sections

21. Sheet S-413

A. This sheet was added into the construction documents this addendum.

22. Sheets AD-101 through AD-114

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

1. Revise Demolition Plan Note 5 to read "5. DEMOLISH WINDOW SYSTEM COMPLETE."
2. On sheet AD-105, clarified area of demolition to the railing system west of Corridor B240.
3. On sheet AD-108, added demolition note #13 in two areas.
4. On sheet AD-111, added clarifying note to remove steel beam as part of proscenium demolition.

23. Sheet A-107

A. Refer to revised, full-size drawing, included in this Addendum, for corrected wall type keynotes Clinic area of the Main Office.

24. Sheet A-114

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

1. Modifications to wall and door at Electrical Room H-128.

25. Sheets A-301 thru A-302

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

1. Wall pack lights are shown on various elevations that coincide with the electrical drawing.
2. Change all references notes that state "Cast Stone" to "Cut Stone"
3. Under Brick & Stone Type Notes, for Face Brick (Type A1) Color A, change the circled keynote from B1 to A1.
4. Under Brick & Stone Type Notes, for Face Brick (Type A2) Color A, change the circled keynote from B2 to A2.
5. Under Brick & Stone Type Notes, revise keynote C3 to read "CUT STONE BAND – 15 5/8" HIGH X 4" DEEP WITH 3/8 BEVEL
6. Revise General Elevation Note (letter) I to read "I. ALTERNATE BID: REPLACE ALL SEALANT AND BACKER ROD AT ALL VERTICAL CONTROL JOINTS IN EXISTING EXTERIOR CLASSROOM BUILDING BRICK WALL. REFER TO SHEET A-303. CONTRACTOR TO VERIFY QUANTITY."
7. Revise General Elevation Note J to read "J. ALTERNATE BID: REPLACE ALL SEALANT AND BACKER ROD AT ALL WINDOWS AND DOORS IN EXISTING EXTERIOR CLASSROOM BUILDING BRICK WALL. REFER TO SHEET A-303. CONTRACTOR TO VERIFY QUANTITY."

26. Sheet A-303

A. Refer to the new, full-size drawing, included in this Addendum for existing elevations of classroom building.

27. Sheets A-410, A-411, A413, and A-414

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

1. Change all references notes that state "Cast Stone" to "Cut Stone"

28. Sheet A-433

A. Refer to revised, full-size drawing, included in this Addendum, for detail numbers and section indications.

29. Sheet A-601

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

1. Revised schedule to reflect the frame sizes for frame type HM6

30. Sheet A-820

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

1. Solid Surface clarifications

31. Sheet MD105

A. Refer to revised, full-size drawing, included in this Addendum, for revised existing demo work for new layout.

32. Sheet MD114

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

33. Sheet MV101

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

1. Revised supply air ductwork.
2. Added GEF-5.

34. Sheet MV105

A. Refer to revised, full-size drawing, included in this Addendum, for revised new ductwork for new layout.

35. Sheet MV113

A. Refer to revised, full-size drawing, included in this Addendum, for added GEF-7.

36. Sheet MP101

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

1. Added 3-way valve to VAV-2E.
2. Revised location of VAV-2D.

37. Sheet MP113

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

1. Added 3-way valve to VAV-1E.
2. Added 3-way valve to VAV-1D.

38. Sheet MP114

A. Refer to revised, full-size drawing, included in this Addendum, for revised new location for existing thermostat.

39. Sheet M300

A. Refer to revised, full-size drawing, included in this Addendum, for added GEF-6.

40. Sheet FP001

A. Refer to revised, full-size drawing, included in this Addendum, for revised location of existing fire protection pipe to be relocated.

41. Sheet PD102

A. Refer to revised, full-size drawing, included in this Addendum, for revised hosebibb – show as "remove and replace".

42. Sheet PD104

A. Refer to revised, full-size drawing, included in this Addendum, for revised demolition scope and hosebibb note.

43. Sheet PD107

A. Refer to revised, full-size drawing, included in this Addendum, for revised piping demolition scope.

44. Sheet PD111

A. Refer to revised, full-size drawing, included in this Addendum, for revised sheet notes for demolition of fixtures in Girls D-110.

45. Sheet PD122

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

1. Added existing storm piping.
2. Added floor drain in Kitchenette.
3. Added demolition of fixtures in Men 122 and Women 120 Toilet Rooms.
4. Added sanitary demolition scope.
5. Added existing pipe sizes and revised sheet notes.

46. Sheet P101

A. Refer to revised, full-size drawing, included in this Addendum, for revised sanitary and added YCO.

47. Sheet P102

A. Refer to revised, full-size drawing, included in this Addendum, for Added new HW, CW, HWR and vent for new Toilet Rooms.

48. Sheet P111

A. Refer to revised, full-size drawing, included in this Addendum, for revised sheet notes for fixtures n RR D-110.

49. Sheet P117

A. Refer to revised, full-size drawing, included in this Addendum, for tagged recirculation pump.

50. Sheet P121

A. Refer to revised, full-size drawing, included in this Addendum, for plumbing fixtures added in H-123 and H-124.

51. Sheet P122

A. Refer to revised, full-size drawing, included in this Addendum, for plumbing fixtures added in H-123 and H-124 and added existing CW piping.

52. Sheet E-001

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

53. Sheet E-002

A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
   1. Revised circuits.
   2. Added conduit routing.
   3. Revised lighting fixture tags.
   4. Revised existing site pole to be relocated.
   5. Added site pole.
   6. Added lighting contactor.
   7. Revised General Notes.

54. Sheet ED107

A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
   1. Added demo fixtures.
   2. Added existing lighting controls and contactors.

55. Sheet ED111

A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
   1. Added sheet notes.
   2. Added existing and demo devices.
   3. Revised existing and demo devices.

56. Sheet ED114

A. Refer to revised, full-size drawing, included in this Addendum, for revised lighting switch to be demolished.

57. Sheet EL101

A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
   1. Added sheet notes.
   2. Revised sheet notes.
   3. Revised lighting controls.
   4. Removed occupancy sensors.
   5. Revised panel 2AH1 location.

58. Sheet EL102

A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
   1. Revised sheet notes.
   2. Removed general notes.

59. Sheet EL104

A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
   1. Added sheet notes.
   2. Removed general notes.
   3. Revised lighting controls.
   4. Removed occupancy sensors.

60. Sheet EL105

A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
   1. Added dimmer switch.
   2. Added sheet notes.
   3. Removed general notes.
   4. Revised lighting controls.
   5. Removed occupancy sensors.

61. Sheet EL107

A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
   1. Added sheet notes.
   2. Removed general notes.
   3. Revised lighting controls.
   4. Removed occupancy sensors.
   5. Clarified lighting controls and contactors location.
   6. Clarified power panel locations.
   7. Added exit sign.

62. Sheet EL108

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

1. Added sheet notes.
2. Removed general notes.
3. Revised lighting controls.
4. Removed occupancy sensors.

63. Sheet EL111

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

1. Added sheet notes.
2. Removed general notes.
3. Revised lighting controls.
4. Removed occupancy sensors.
5. Clarified power panel locations.
6. Added light fixtures.
7. Added switches.

64. Sheet EL113

A. Refer to revised, full-size drawing, included in this Addendum, for added light fixtures.

65. Sheet EL114

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

1. Clarified power panel locations.
2. Added switch.

66. Sheet EP101

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

1. Revised panel 2AH1 location.
2. Added hand dryers.
3. Added exhaust fan.
4. Added exterior camera locations.

67. Sheet EP107

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

1. Added existing electrical equipment.
2. Revised locations of new electrical equipment.

68. Sheet EP111

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

1. added existing devices.

69. Sheet EP112

A. Refer to revised, full-size drawing, included in this Addendum, for added exterior camera locations.

70. Sheet EP114

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

1. Added exterior camera locations.
2. Revised new electrical equipment locations.
3. Added hand dryers.

71. Sheet EP120

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

1. Added exhaust fan.
2. Added recirculation pump.
3. Revised locations of new electrical equipment.

72. Sheet E-601

A. Refer to revised, full-size drawing, included in this Addendum, for added circuits to Panel 1AL1.

73. Sheet T-502

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

1. Removed HDMI and USB cabling requirement from the LI and LO details.

74. Sheet T-601

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

1. Add Telecommunications Room G-206 to the backbone diagram.

75. Sheet TA-203

A. The auditorium sound system details included on the drawing is for coordination only, the actual sound system components will be bid at a later date.

Pages 1 through 11, inclusive, Specification Section 05 58 13, and seventy seven (77) Full-Size Drawings, constitute the total makeup of **Addendum Two**.

GIBRALTAR DESIGN

Joseph P. Briggs

Y:\21-106 Crown Point CSC - Wheeler Middle School Addition and Renovations\Specs\Addendum 2\AD02.doc

SECTION 05 58 13
METAL COLUMN COVERS

1 General

1.1 Summary

A. Section includes the following metal column cover, attachment system and accessories.

1. Interior Metal Column Covers: Steel column cover.

1.2 Related Sections

1. Division 05 Section – Structural Steel for structural steel framing.

1.3 Submittals

A. Submit shop drawings and product data under provisions of Division 01.

B. Product Data: For each product indicated, including installation components.

C. Shop Drawings: Indicating material types and thickness, sizes, radius or diameter, attachments and relationship to adjoining work.

D. Verification Samples: For column covers, one complete sample set representing color and finish selected.

1.4 Quality Assurance

A. Installer Qualifications: A qualified firm with minimum 10 years experience and is approved and trained by manufacturer to install manufacturer's products.

1.5 Delivery, Storage and Handling

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

B. Protect all materials during fabrication, shipment, site storage and installation to prevent damage to the finished work from other trades.

1.6 Project Conditions

A. Field Measurements: Verify actual supporting and adjoining construction by field measurements before fabrication and indicate measurements on shop drawings. Coordinate construction to ensure that column covers fit properly to supporting construction and coordinate schedule with construction progress to avoid delaying the work.

1.7 Warranty

A. Warranty in accordance with requirements of Division 01.

B. Column Cover Finish Warranty: Minimum ten years from date of Substantial Completion against finish failures, including peeling, blistering, and chalking.

2 Products

2.1 Acceptable Manufacturers/Fabricators

A. Basis of Design: SAF Metal Fabrication: M-1000 Series or similar.

B. Manufacturers/Fabricators:

1. SAF Metal Fabrication, Villa Rica, Georgia.

2. Fry Reglet Corporation, Alpharetta, Georgia.

3. Shaffner Heaney Associates, Inc., South Bend, Indiana.

4. Industrial Louvers, Inc., Delano, Minnesota.

5. Sobotec Ltd., Hamilton, Ontario.

2.2 Materials

A. Steel Sheet: Uncoated, cold-rolled, ASTM A 1008/A 1008M, commercial steel, exposed.

1. Finish: Factory primed for field finishing.

2.3 Miscellaneous Materials

A. Fasteners: Self-tapping screws, bolts, nuts, self-locking rivets and bolts, end-welded studs, and other suitable fasteners designed to withstand design loads.

1. Fasteners: Stainless steel.

B. Bituminous Coating: Cold-applied asphalt mastic, SSPC-Paint 12, compounded for 15-mil dry film thickness per coat. Provide inert-type noncorrosive compound free of asbestos fibers, sulfur components, and other deleterious impurities.

C. Gaskets: As required to seal joints in decorative formed metal and remain weathertight; as recommended in writing by decorative formed metal manufacturer.

1. ASTM D 1056, Type 1, Class A, grade as recommended by gasket manufacturer to obtain seal for application indicated.

2. Closed-cell polyurethane foam, adhesive on two sides, release paper protected.

D. Sealants, Interior: Nonsag, paintable, nonstaining, latex sealant complying with ASTM C 834; of type and grade required to seal joints in decorative formed metal; and as recommended in writing by decorative formed metal manufacturer.

2.4 Steel Column Cover System

A. Basis of Design: Fry Reglet: Series FF.

B. Provide factory-formed and assembled steel column covers formed into profile for installation method indicated. Include attachment system components and accessories.

C. Steel Column Covers:

1. Manufacturers as noted above

2. Thickness: 14 gage or equivalent.

3. Finish: Two-coat fluoropolymer for steel.

D. Attachment System Components: Provide manufacturer's recommended supports and attachment system where required or indicated on Drawings.

1. Attachment and Support System: Designed and detailed by column cover manufacturer/fabricator.

2.5 Closures and Trim Units

A. Manufacturers: Subject to compliance with requirements, available manufacturers offering products that may be incorporated into the Work include, but are not limited to, the following:

1. Fry Reglet Corporation.

2. Pittcon Industries.

3. Or approved equal.

B. Form closures and trim from metal of type and thickness indicated below. Fabricate to fit tightly to adjoining construction:

1. Steel Sheet: 0.048 inch.

C. Conceal fasteners where possible; otherwise, locate where they are as inconspicuous as possible. Size fasteners to support closures and trim, with fasteners spaced to prevent buckling or waviness in finished surfaces.

D. Drill and tap holes needed for securing closures and trim to other surfaces.

E. Incorporate gaskets where indicated or needed for concealed, continuous seal at abutting surfaces.

F. Miter or cope trim members at corners and reinforce with bent metal splice plates to form tight joints.

2.6 Accessories

A. Accessories: Provide components required for a complete column cover assembly including clips, supports, anchors, Column Rings, reveals, flashings, closures, and similar items. Match material and finish of column covers, unless otherwise indicated.

2.7 Fabrication

A. General: Fabricate column covers and accessories at the factory to greatest extent possible by manufacturer's standard procedures and processes.

B. Coordinate dimensions and attachment methods of decorative formed metal items with those of adjoining construction to produce integrated assemblies with closely fitting joints and with edges and surfaces aligned unless otherwise indicated.

C. Form metal to profiles indicated, in maximum lengths to minimize joints. Produce flat, flush surfaces without cracking or grain separation at bends. Fold back exposed edges of unsupported sheet metal to form a 1/2-inch-wide hem on the concealed side, or ease edges to a radius of approximately 1/32 inch and support with concealed stiffeners

D. Increase metal thickness or reinforce with concealed stiffeners, backing materials, or both, as needed to provide surface flatness equivalent to stretcher-leveled standard of flatness and sufficient strength for indicated use.

   1. Support joints with concealed stiffeners as needed to hold exposed faces of adjoining sheets in flush alignment.

E. Build in straps, plates, and brackets as needed to support and anchor fabricated items to adjoining construction. Reinforce decorative formed metal items as needed to attach and support other construction.

3 Execution

3.1 Examination

A. Beginning of installation means acceptance of substrate conditions.

3.2 Installation, General

A. Install composite metal column covers in orientation, sizes, and locations indicated on Drawings. Anchor column cover system and other components of the Work securely in place, with provisions for thermal and structural movement.

   1. Field cutting of metal column covers is not permitted.

   2. Shim substrates receiving metal column covers.

3. Flash and seal metal column covers with weatherproof closures at top, bottom and perimeter of openings.

4. Fill and sand all joint providing a monolithic appearance.

B. Metal Protection: Where dissimilar metals will contact each other or corrosive substrates, protect against galvanic action by painting contact surfaces with bituminous coating, by applying rubberized-asphalt underlayment to each contact surface, or by other permanent separation as recommended by column cover manufacturer.

1. Coat back side of aluminum with bituminous coating where aluminum will contact wood, ferrous metal, or cementitious construction.

3.3 Installation

A. General: Install attachment system required to support column covers and to provide a complete weathertight system, including attachment system components.

1. Include attachment to supports, panel-to-panel joinery, and panel-to-dissimilar-material joinery.

2. Install complete attachment and support system as indicated on Drawings and as required for stability.

3.4 Accessory Installation

A. General: Install accessories with positive anchorage to substrate and weathertight mounting and provide for thermal expansion. Coordinate installation with flashings and other components.

1. Install components required for a complete metal column assembly including trim, flashings, closures, and similar items.

3.5 Tolerances

A. Maximum offset from true alignment between adjacent members butting or in line: 1/16 inch.

B. Maximum variation from plane or location indicated on drawings: 1/8 inch.

END OF SECTION

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C-1.1 DEMOLITION PLAN

C-2.0 SITE PLAN

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C-4.0 STORM SEWER AND GRADING PLAN
C-4.1 STORM SEWER AND GRADING PLAN

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C-7.0 STORM WATER POLLUTION PREVENTION PLAN DETAILS
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AD-111 UNIT "F" ARCHITECTURAL FIRST AND SECOND FLOOR DEMOLITION PLANS
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FP-001 FIRE PROTECTION SYMBOLS, DETAILS & DIAGRAMS

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T TELECOMMUNICATIONS

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TA-203 AUDITORIUM AUDIO DETAILS

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY
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JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING
SHEET INDEX
VOLUME 1

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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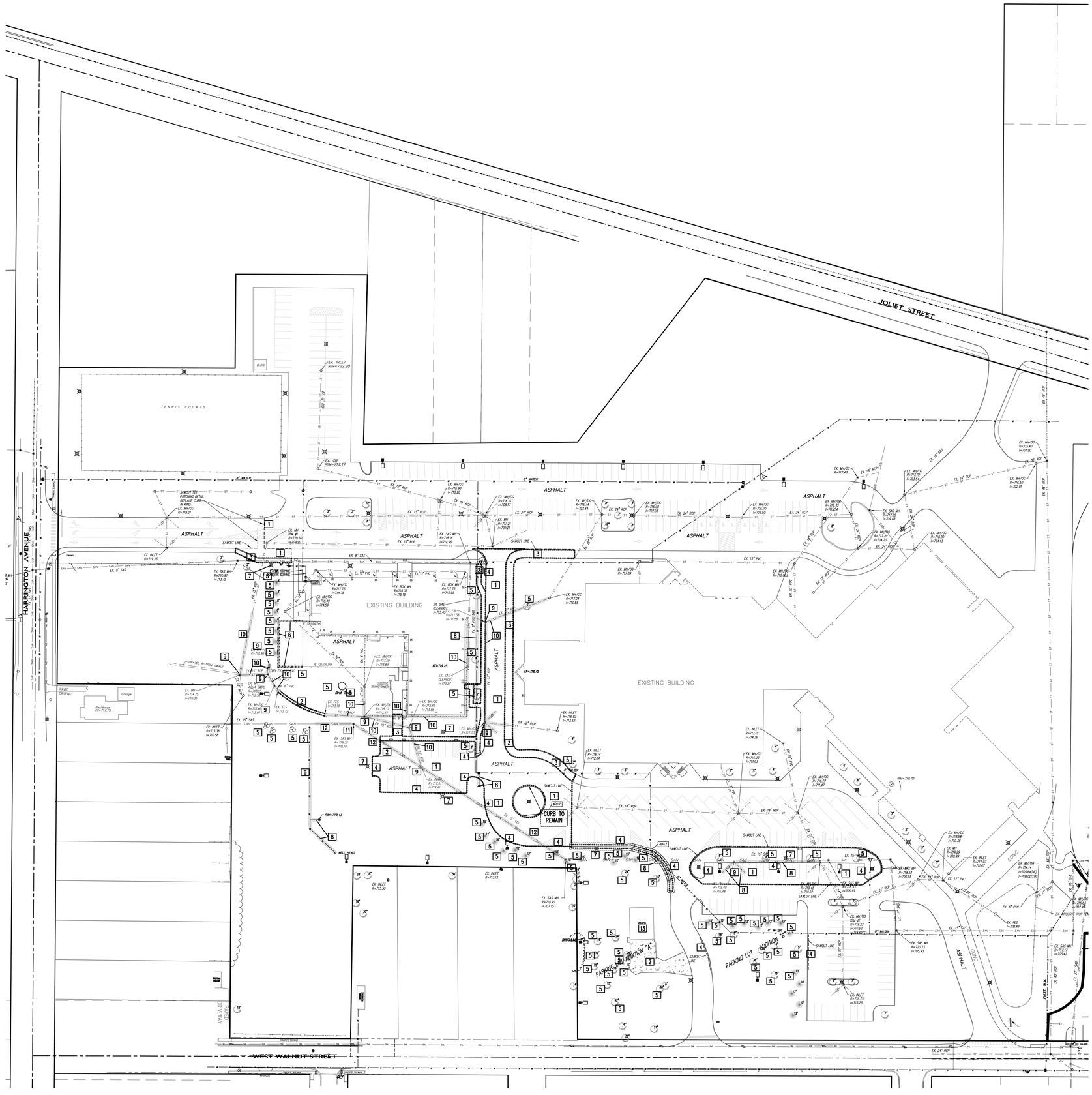
SHEET
G-102v1

ARCHITECT OF RECORD	ENGINEER OF RECORD	ENGINEER OF RECORD	ENGINEER OF RECORD	ENGINEER OF RECORD
JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT	DONALD C. TORRENCE REGISTERED No. 19868 STATE OF INDIANA PROFESSIONAL ENGINEER	SCOTT A. CLOSE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER	DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER	REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER Bicsi Brian K Scott BICSI ID # 114038 EXPIRES 12-31-21 RCDD

Wednesday, 4/6/2022 – 10:46 AM – LAST SAVED BY:EMCCAULEY
Y:\21-106 CROWN POINT CSC – WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\02 GENR\G-102.DWG



DEMOLITION NOTES

1. REMOVE ASPHALT PAVEMENT
2. REMOVE CONCRETE PAVEMENT
3. REMOVE CONCRETE SIDEWALK/CURB
4. REMOVE CURB / CURB & GUTTER
5. REMOVE TREE/BUSHES
6. REMOVE FENCE
7. REMOVE LIGHT POLE/POWER POLE (SEE ELECTRICAL PLAN)
8. REMOVE WATER MAIN LINE/HYDRANT
9. REMOVE STORM MH/CB
10. REMOVE STORM SEWER LINE
11. REMOVE SANITARY MH
12. REMOVE SANITARY SEWER LINE
13. REMOVE BUILDING

NOTES:

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

NORTH

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-106
DATE 3/14/22
COORDINATED BY DCT
DRAWN BY DCT/MH
CHECKED BY DCT

DONALD C. TORRENGA REGISTERED No. 19868 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04-06-2022	ADDENDUM NUMBER 2

DRAWING
DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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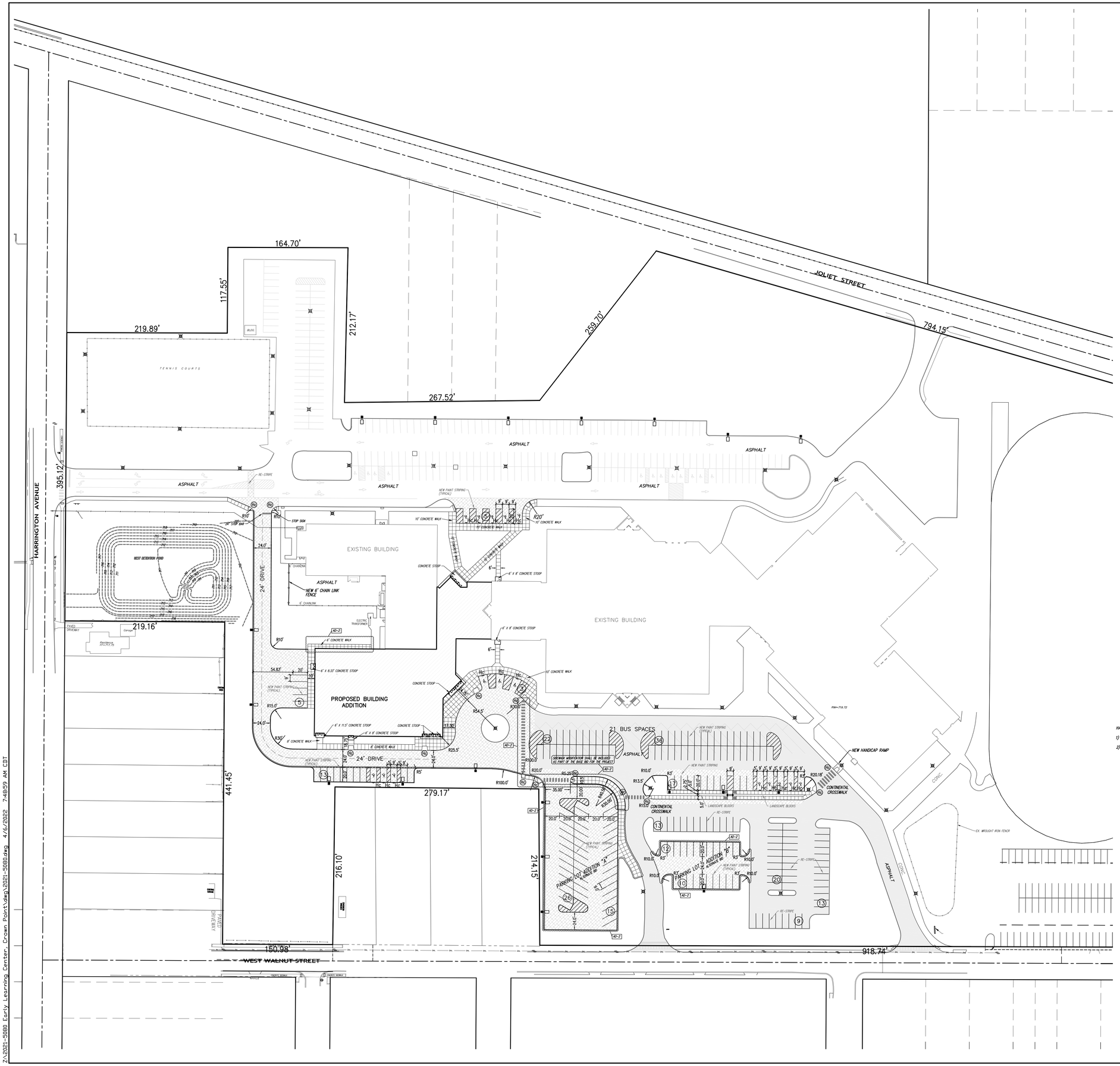

LEGEND:

PROPOSED

- 1-1/2"± MILLING AND PAVEMENT RESURFACING
- HEAVY DUTY ASPHALT PAVEMENT SECTION
- CONCRETE SIDEWALK & COMBINED CURB/WALK
- CONCRETE PAVEMENT/ DRIVEWAY APRON
- HIGH-BACK CURB & GUTTER
- BARRIER CURB
- (Hc) HANDICAP ACCESS RAMP
- Hc HANDICAP SIGN
- LIGHT POLE (SEE E-002 FOR DETAILS)

PARKING SPACE COUNT

ALL PARKING SPACES ARE 9 FEET WIDE BY 20 FEET DEEP.

REGULAR SPACES = 342
HANDICAP SPACES = 27

TOTAL SPACES = 369

HANDICAP RAMP NOTES:

1) ALL EXISTING HANDICAP RAMPS THAT ARE NOT ADA COMPATIBLE SHALL BE REMOVED AND REPLACED.

2) ALL SIDEWALK/PATH CROSSINGS REQUIRE DETECTABLE WARNING ELEMENTS WITH ADA COMPLIANT RAMPS TO BE INSTALLED.

NORTH
GRAPHIC SCALE
50 0 25 50 100 200
(IN FEET)
1 inch = 50 ft.

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MARK	DATE	ISSUED FOR
AD-2	04-06-2022	ADDENDUM NUMBER 2

DRAWING
SITE PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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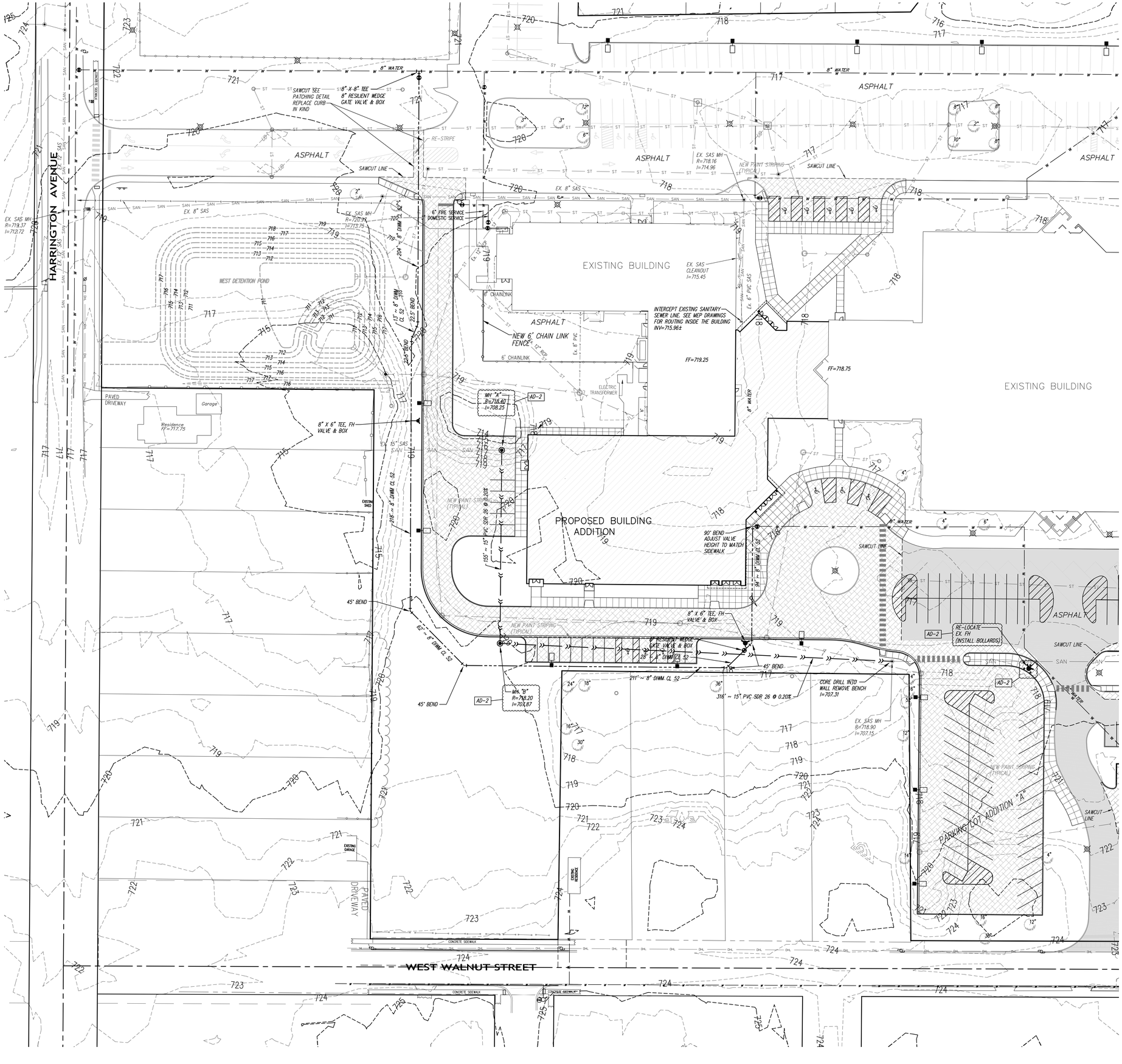

LEGEND:
EXISTING

- MANHOLE
- CATCH BASIN/INLET
- FIBER OPTIC MANHOLE
- TELEPHONE PEDESTAL (AT&T)
- LIGHT POLE
- POWER POLE
- WATER VALVE
- FIRE HYDRANT
- SIGN
- TREE
- SOIL BORING LOCATION
- WOOD FENCE
- CHAINLINK FENCE
- GAS LINE
- SANITARY SEWER
- STORM SEWER
- WATER MAIN
- OVERHEAD LINES
- CONTOUR

LEGEND:
PROPOSED

- FIRE HYDRANT
- WATER GATE VALVE & BOX
- WATER MAIN
- SANITARY SEWERS
- STORM SEWERS
- CONTOURS
- DRAINAGE FLOW
- GRADE

NORTH
GRAPHIC SCALE
30 0 15 30 60 120
(IN FEET)
1 inch = 30 ft.

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

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MARK	DATE	ISSUED FOR
AD-2	04-06-2022	ADDENDUM NUMBER 2

DRAWING
SANITARY SEWERS & WATERMAIN PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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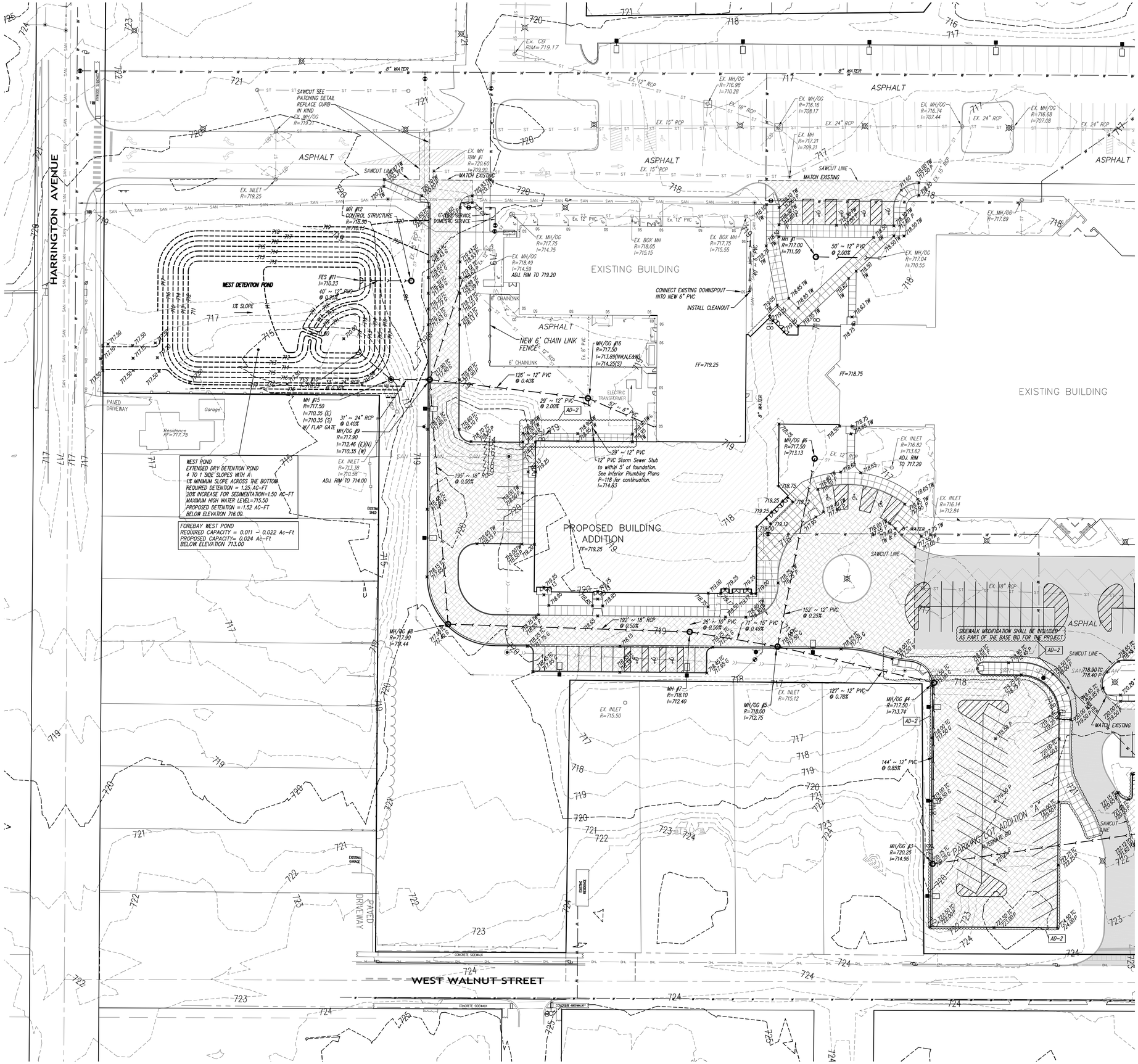

LEGEND: EXISTING

- MANHOLE
- CATCH BASIN/INLET
- FIBER OPTIC MANHOLE
- TELEPHONE PEDESTAL (AT&T)
- LIGHT POLE
- POWER POLE
- WATER VALVE
- FIRE HYDRANT
- SIGN
- TREE
- SOIL BORING LOCATION
- WOOD FENCE
- CHAINLINK FENCE
- GAS LINE
- SANITARY SEWER
- STORM SEWER
- WATER MAIN
- OVERHEAD LINES
- CONTOUR

LEGEND: PROPOSED

- FIRE HYDRANT
- WATER GATE VALVE & BOX
- WATER MAIN
- SANITARY SEWERS
- STORM SEWERS
- CONTOURS
- DRAINAGE FLOW
- GRADE

NOTE:

1) The Contractor is responsible to verify all existing site conditions and shall notify the Architect/Engineer immediately of any discrepancies between the existing conditions and all proposed improvements in the construction drawings.

NORTH

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

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CHECKED BY DCT

DONALD C. TORRENGA NEIL STESEO No. 19868 STATE OF INDIANA PROFESSIONAL ENGINEER

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DRAWING
STORM SEWERS & GRADING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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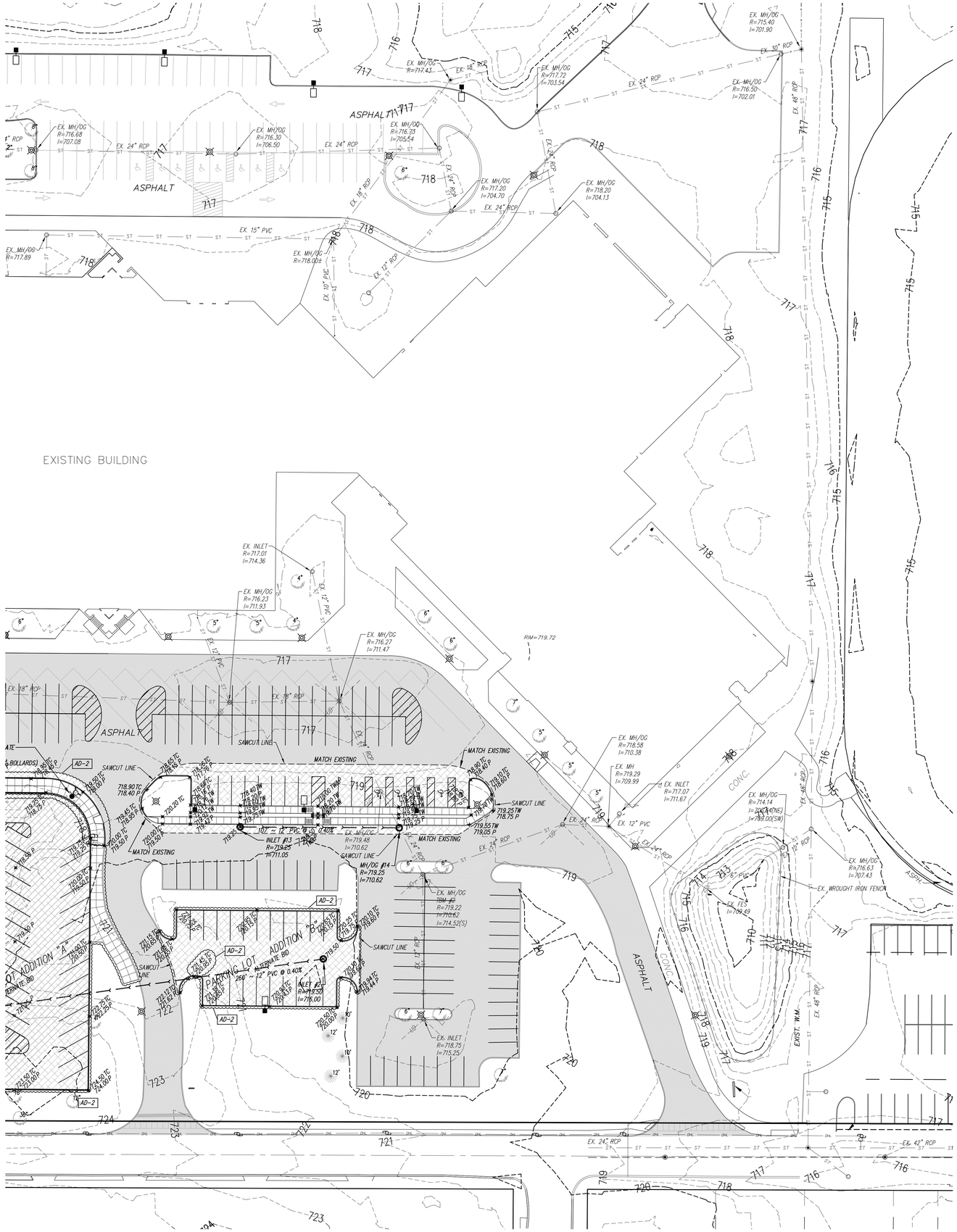

LEGEND: EXISTING

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- CHAINLINK FENCE
- GAS LINE
- SANITARY SEWER
- STORM SEWER
- WATER MAIN
- OVERHEAD LINES
- CONTOUR

LEGEND: PROPOSED

- FIRE HYDRANT
- WATER GATE VALVE & BOX
- WATER MAIN
- SANITARY SEWERS
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NORTH

GRAPHIC SCALE

30 0 15 30 60 120

(IN FEET)
1 inch = 30 ft.

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DRAWING
STORM SEWERS & GRADING PLAN

PROJECT
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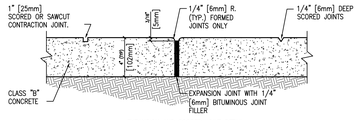
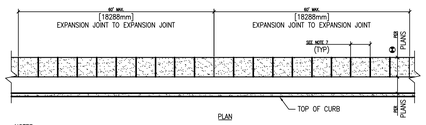


EXPANSION AND SCORED JOINT DETAIL



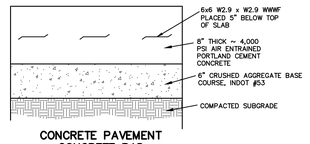
PLAN

NOTES:

1. EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
2. ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
3. 1" DEEP CONTRACTION JOINTS SHALL BE PLACED AT INTERVALS OF APPROXIMATELY 15' [4572mm] OR AT A SPACING THAT MATCHES THE ADJACENT CURB.
4. FORMED CONTRACTION JOINTS SHALL BE FINISHED WITH A TOOL HAVING A 1/4" [6mm] RADIUS.
5. SCORED JOINTS SHALL BE 1/4" [6mm] DEEP AND PLACED AT THE SPACING INDICATED FOR THE WIDTH OF SIDEWALK OR MATCH SCORED JOINTS OF ADJACENT CURB.
6. CONCRETE SHALL BE FINISHED BY MEANS OF A FLOAT, STEEL TROWELLED AND BROOMED WITH A FINE BRUSH IN A TRANSVERSE DIRECTION.
7. 1/4" DEEP SCORED JOINTS (TYP) SPACED AT 6' [1829mm] OR EQUAL TO SIDEWALK WIDTH.

CONCRETE SIDEWALK

NOT TO SCALE

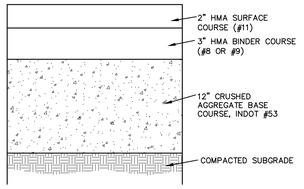


CONCRETE PAVEMENT CONCRETE PAD SECTION DETAIL

NOT TO SCALE

NOTES:

1. WHERE FILL IS REQUIRED, SUBGRADE SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698 METHOD OF TESTING.
2. THE CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY PONDING PROBLEMS THAT MAY OCCUR AFTER THE FINAL SURFACE IS LAID.



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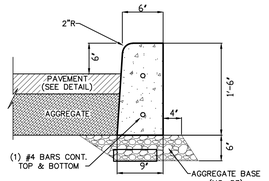
2. THE CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY PONDING PROBLEMS THAT MAY OCCUR AFTER THE FINAL SURFACE IS LAID.

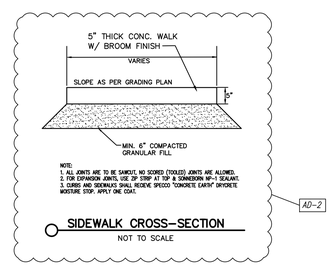
HEAVY DUTY ASPHALT PAVEMENT SECTION

(NO SCALE)



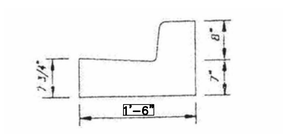
BARRIER CURB TYPE D

NOT TO SCALE



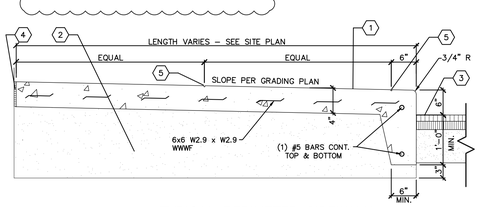
SIDEWALK CROSS-SECTION

NOT TO SCALE



COMBINED CONCRETE HIGH BACK CURB AND GUTTER

NOT TO SCALE

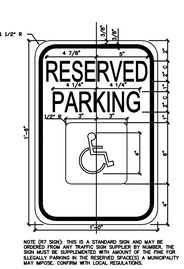


KEYED NOTES

1. 4" THICK CONC. BROOM FINISH WITH 6X6 W2.9XW2.9 WWWF
2. 6" COMPACTED GRANULAR FILL
3. PROPOSED PAVEMENT
4. COMPRESSIBLE FILLER (3/4" MAXIMUM). CUT BACK AND PROVIDE SEALANT, TYPICAL, AT ALL JOINTS WITH FILLER. (BUTTING BUILDING ONLY)
5. 1/4" TOOLED JOINT (SEE TYPICAL SIDEWALK DETAIL)

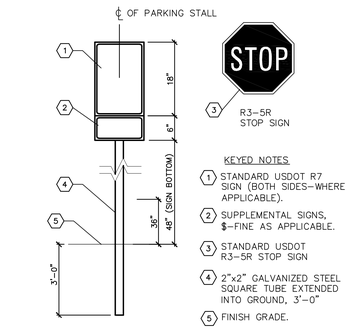
TYPICAL PERIMETER SIDEWALK

NOT TO SCALE



ACCESSIBILITY SIGNAGE

NOT TO SCALE

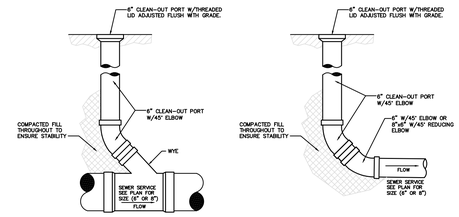


KEYED NOTES

1. STANDARD USDOT R7 SIGN (BOTH SIDES–WHERE APPLICABLE).
2. SUPPLEMENTAL SIGNS, $–FINE AS APPLICABLE.
3. STANDARD USDOT R3–5R STOP SIGN
4. 2"x2" GALVANIZED STEEL SQUARE TUBE EXTENDED INTO GROUND, 3'–0"
5. FINISH GRADE.

SIGN AND POST (FREE STANDING)

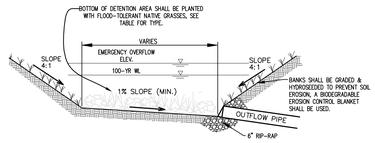
NOT TO SCALE



CLEAN–OUT

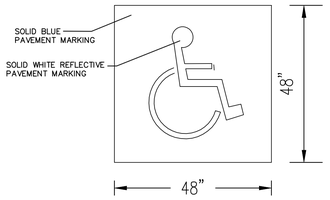
NOT TO SCALE

Low Profile Native Grass	NWL to Limits of Seeding	
Botanical Name	**Common Name**	**lbs/acre**
Andropogon scoparius	Little Blue Stem	20
Bouteloua curtipendula	Side Oat Grama	15
Elymus canadensis	Canada Wild Rye	3
Sporobolus heterolepsis	Prairie Dropseed	1
Agrostis alba	Redtop	5
Perennial Ryegrass		35
Alta Fescue		45
Ky. Bluegrass		20
Creeping Red fescue		10
Slender Wheat Grass		5
Cover Crop		
Annual Ryegrass	Annual Rye	50
Avena sativa	Common Oat	40



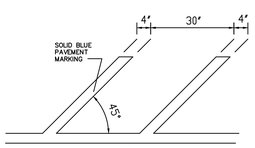
DETENTION AREA CROSS–SECTION

NOT TO SCALE



INTERNATIONAL SYMBOL FOR ACCESSIBILITY

NOT TO SCALE



NOTE:
USE 4" SOLID WHITE PAVEMENT MARKING FOR REGULAR PARKING

ACCESSIBILITY AND PARKING STRIPING DETAIL

NOT TO SCALE

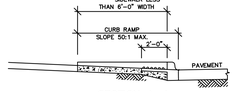
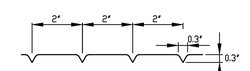


Figure 4b

INTERNATIONAL SYMBOL OF ACCESSIBILITY DISPLAY CONDITIONS

NOT TO SCALE



DETAIL OF RAMP GROOVES

NOT TO SCALE

SECTION A–A

SECTION B–B

SPECIFICATIONS FOR SANITARY SEWER AND WATER MAINS

1. All sanitary sewer pipe , branches, and fittings shall conform to the following, Poly-vinyl chloride, SDR 26 (ASTM D-3034), with push-on rubber gasket joints (ASTM C-3212).

2. All sanitary sewer manholes shall be standard 48" diameter precast concrete units (ASTM C-478) conforming with the standard detail sheets of these plans. Mortar joints are not allowed on manholes, all joints must be rubber gaskets.

3. The completed sanitary sewer system shall be tested for infiltration and shall have a maximum infiltration of 3 gallons per hour per 100 feet of sewer pipe. The City of Crown Point shall be notified when the system (or portion thereof) is ready for testing. Mandrel testing shall be performed on all P.V.C. materials placed. The Contractor shall be responsible for supplying testing materials and appurtenances.

4. The Developer is responsible for the preparation of "As Built" construction drawings showing actual sizes and lengths of pipe installed (i.e. from manhole to manhole or tee to valve, etc.), location of service taps and any structures added or omitted in comparison with these engineering plans. The Developer shall supply the City of Crown Point with one reproducible drawing certified by a Professional Engineer or Land Surveyor and 2 copies thereof prior to and as a condition of the final acceptance.

5. All water main pipe shall be Ductile Iron Pipe (AWWA C-151, C-52) with bell and spigot push-on rubber gasket joints (AWWA CIII). All water main pipe shall be installed with a minimum cover of 5.0 feet from the top of the curb to the top of the pipe. All water mains shall be chlorinated at the time of installation and shall be subject to a test for pressure and purity. The Contractor shall notify the City of Crown Point when the water main system (or portion thereof) is ready for testing. All fire hydrants, tees, bends and fittings shall be suitable harnessed or thrust blocked with concrete.

6. All improvements installed across paved or future paved areas, driveways and sidewalks shall backfilled with graded stone aggregate to the subgrade line. Compaction shall be done in 8" maximum depth lifts to 95% maximum density.

7. Care should be taken in parkway areas to assure compaction acceptable for the stability of proposed driveways and sidewalks. While special backfill is not required, it shall be the responsibility of the contractor to protect against substantial future settlement of backfilled areas.

8. Air pressure test shall be performed on all completed Sanitary Manholes and existing manholes where the proposed sanitary system will connect to, in accordance with ASTM C 1244-93, Standard Test Method for Concrete Sewer Manholes by Negative Air Pressure (Vacuum) Test. The tests shall be conducted prior to backfill to demonstrate the integrity of the installed materials. The manhole shall pass if the test time meets or exceeds the required minimum test times as specified in ASTM C 1244-93 for the vacuum reading to drop from 10 inches of mercury to 9 inches of mercury. If the manhole fails the initial test, necessary repairs shall be made, and the test shall be repeated. The contractor shall be responsible for supplying all testing materials and appurtenances. The City of Crown Point shall be notified when the manholes (or portion thereof) are ready for testing.

9. Deflection tests shall be performed on all flexible pipe materials placed. The contractor shall be responsible for supplying testing materials and appurtenances. The tests shall be conducted after the final backfill has been in place at least 30 days. No pipe shall exceed a deflection of 5%. If the deflection test is to be run using a rigid ball or mandrel, it shall have a diameter equal to 95% of the inside diameter of the pipe. The test shall be performed without mechanical pulling devices. The City of Crown Point shall be notified when the system (or portion thereof) is ready for testing.

10. All sewers shall be laid at least 10 feet (3.0 m) horizontally from any existing or proposed water main. The distance shall be measured edge to edge. All sewers crossing water mains shall be laid to provide a minimum vertical distance of 18 inches (46 cm) between the outside of the water main and the outside of the sewer. This shall be the case where the water main is either above or below the sewer. The crossing shall be arranged so that the sewer joints will be equi distant and as far as possible from the water main joints. Where a water main crosses under a sewer, adequate structural support shall be provided for the sewer to prevent damage to the water main. When it is impossible to obtain proper horizontal and vertical separation as stipulated above, the sewer shall be designed and constructed equal to water pipe.

11. The newly installed force main (or portions thereof) shall be subjected to a pressure and leakage test, using hydrostatic testing. Test pressure shall not be less than 1.25 times the working pressure or exceed pipe design pressure. Pressure shall not vary by more than ±5 PSI for a minimum of a 2 hour duration test. The exposed pipe and joints shall be examined carefully during the test, and any damaged or defective pipe or joints shall be replaced, and the test shall be repeated. The allowable leakage shall not exceed 11.65 gpd/mi/in of nominal pipe diameter at a pressure of 150 PSI. All visible leaks are to be repaired regardless of the amount of leakage. The contractor shall be responsible for supplying all testing materials and appurtenances. The City of Crown Point shall be notified when the force main (or portion thereof) is ready for testing. Force Main shall be Polyvinyl Chloride, PVC C-900 conforming to AWWA C-900, Class 200 and all testing shall be in accordance with AWWA Standard C-600-93. The Force Main shall be installed with a minimum cover of 5.0 feet (60") to the top of the pipe .

12. All Force Main bends and fittings shall be suitably restrained with reaction blocking, restrained joints or clamps with concrete. Reaction Blocking shall be designed for a minimum internal pipe pressure of 150 psi. U.S. pipe field "A-LOK" Gasket system or approved equal shall prevail for concrete blocking on 4-inch through 12-inch pipe.

13. No sanitary sewer manhole shall be within eight (8) feet of a water main as measured from the outside edge of the sanitary sewer manhole to the outside edge of the water main.

SPECIFICATIONS FOR STORM SEWERS

1. All work shall be performed in accordance with the Codes, Ordinances and Standards of the City of Crown Point, Lake County, Indiana.

2. All storm sewer pipe, branches and fittings shall conform to either of the following: Poly Vinyl Chloride Pipe (AASHTO M252), Polyethelene Pipe (ASHTO M252 or AASHTO M294), Concrete Pipe (AASHTO M170).

3. All storm sewer manholes shall conform to either of the following : (A) Standard precast concrete units (ASTM C-478) and/or (B) Poly-Vinyl Chloride (PVC) Structure Nyloplast or equal conforming with the standard detail sheet of these plans. Mortar joints are not allowed on manholes, all joints must be rubber gaskets.

4. All improvements installed across paved or future paved areas driveways, and sidewalks shall backfilled with graded stone aggregate to the subgrade line. Compaction shall be done in 8" maximum depth lifts to 95% maximum density.

5. Care should be taken in parkway areas to assure compaction acceptable for the stability of proposed driveways and sidewalks. While special backfill is not required, it shall be the responsibility of the contractor to protect against substantial future settlement of backfilled areas.

6. The Developer is responsible for the preparation of "As Built" construction drawings showing actual sizes and lengths of pipe installed (i.e. from manhole to manhole or tee to valve, etc.), location of service taps and any structures added or omitted in comparison with these engineering plans. The Developer shall supply the City of Crown Point with one reproducible drawing certified by a Professional Engineer or Land Surveyor and 2 copies thereof prior to and as a condition of the final acceptance.

7. All sewers shall be laid at least 10 feet (3.0 m) horizontally from any existing or proposed water main. The distance shall be measured edge to edge. All sewers crossing water mains shall be laid to provide a minimum vertical distance of 18 inches (46 cm) between the outside of the water main and the outside of the sewer. This shall be the case where the water main is either above or below the sewer. The crossing shall be arranged so that the sewer joints will be equidistant and as far as possible from the water main joints. Where a water main crosses under a sewer, adequate structural support shall be provided for the sewer to prevent damage to the water main. When it is impossible to obtain proper horizontal and vertical separation as stipulated above, the sewer shall be designed and constructed equal to water pipe.

8. No storm sewer manhole shall be within eight (8) feet of a water main as measured from the outside edge of the sanitary sewer manhole to the outside edge of the water main.

9. All storm sewer installed under pavement shall be SDR26 grade.

GENERAL SPECIFICATIONS

1. In areas of unsuitable soil, the contractor shall be responsible removal, replacement, and disposal of the soil.

2. Replacement and addition of structural soil under roads, pavement and building shall be done in lifts not to exceed 8-inches, with a required compaction of at least 95% of their maximum dry density can be obtained, in accordance with the Indiana Department of Transportation Standard Specifications.

3. The contractor shall provide full depth saw cuts where existing pavement, concrete or asphalt is to be removed. The contractor shall provide adequate compacted material/gravel at saw cut edge to shore up and prevent the degradation of existing pavement to remain. Damage to existing pavement will be repaired at the contractor's expense.

4. The Occupational Safety and Health Administration recommends that walking surfaces have a static coefficient of friction of 0.5. A research project sponsored by the Architectural and Transportation Barriers Compliance Board (Access Board) conducted tests with persons with disabilities and concluded that a higher coefficient of friction was needed by such persons. A static coefficient of friction of 0.6 is recommended for accessible routes and 0.8 for ramps.

GIBRALTAR DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

TORRENGA ENGINEERING, INC.
CONSULTING ENGINEERS & LAND SURVEYORS
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PROJECT 21–106
DATE 03/14/22
COORDINATED BY DCT
DRAWN BY DCT/MH
CHECKED BY DCT

DONALD C. TORRENGA REGISTERED No. 19868 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD #2	04-06-2022	ADDENDUM NUMBER 2

DRAWING
DETAILS & SPECIFICATIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
C-5.0

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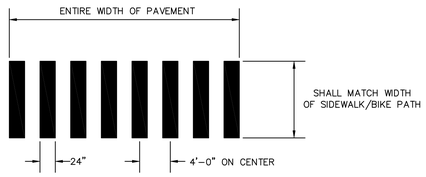
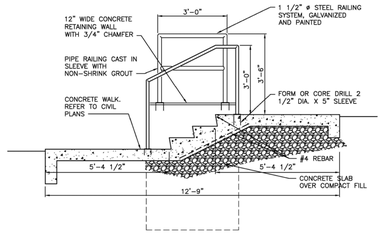


NOTE:
ALL PAVEMENT MARKINGS SHALL BE 2 FOOT WIDE REFLECTIVE WHITE PAINT AND SPAN ACROSS THE DRIVE LANES.

CONTINENTAL CROSSWALK DETAIL
NO SCALE



STAIR DETAIL
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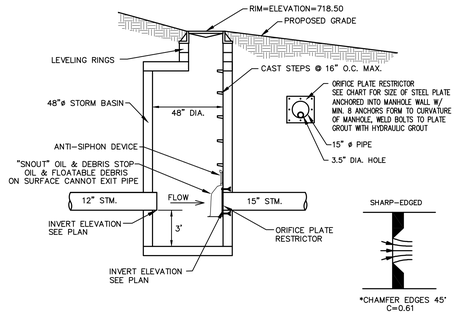

STM STR #12 (FLAT TOP) CATCH BASIN WITH RESTRICTOR
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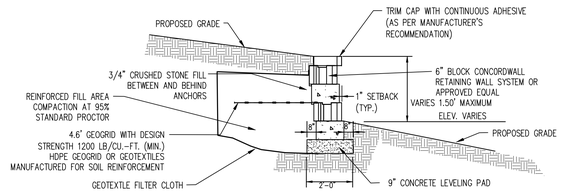

RETAINING WALL X-SECTION DETAIL
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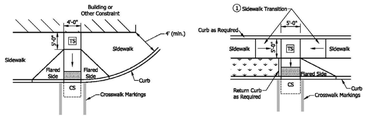
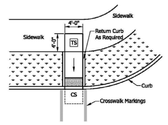
AD-2



PERPENDICULAR CURB RAMP ADJACENT WALKABLE SURFACE

TIERED PERPENDICULAR CURB RAMP



PERPENDICULAR CURB RAMP ADJACENT NON-WALKABLE SURFACE

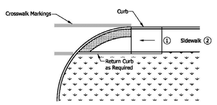
NOTES:
1. Where insufficient width between the curb and back of sidewalk prevent a standard perpendicular curb ramp running slope, a sidewalk transition may be used to lower the sidewalk grade. The sidewalk transition running slope shall not exceed 8.33%. See Standard Drawing Series E 604-SDWK for sidewalk details.
2. The turning space shall have a minimum clear dimension of 4 ft x 4 ft and a running slope of 2.00% maximum. Where the turning space is constrained at the back of the sidewalk, the minimum clear dimension shall be 4 ft x 5 ft, with the 5-ft dimension in the direction of the ramp running slope.

LEGEND:
- Buffer or Other Non-Walkable Surface
- Ramp
- Detectable Warning Surface
- TS Turning Space
- CS Clear Space

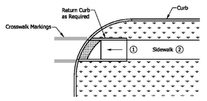
INDIANA DEPARTMENT OF TRANSPORTATION	
PERPENDICULAR CURB RAMP TYPICAL PLACEMENT	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 604-SWCR-02

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

/s/ Elizabeth W. Phillips	03/29/18
DESIGN STANDARDS ENGINEER	DATE
/s/ John Lacky	04/25/18
CHIEF ENGINEER	DATE



ONE-WAY DIRECTIONAL PERPENDICULAR CURB RAMP ADJACENT CURB



ONE-WAY DIRECTIONAL PERPENDICULAR CURB RAMP WITH BUFFER

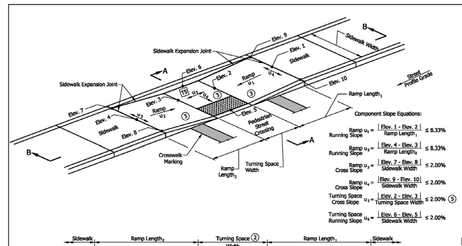
NOTES:
1. A turning space is not required at the top of the ramp for a one-way directional perpendicular curb ramp.
2. Where there is no buffer between the sidewalk and curb the preferred minimum sidewalk width is 6 ft. Where a buffer is placed between the sidewalk and curb, the preferred minimum sidewalk width is 5 ft. See Standard Drawing Series E 604-SDWK for sidewalk details.

LEGEND:
- Buffer or Other Non-Walkable Surface
- Ramp
- Detectable Warning Surface

INDIANA DEPARTMENT OF TRANSPORTATION	
ONE-WAY DIRECTIONAL PERPENDICULAR CURB RAMP TYPICAL PLACEMENT	
SEPTEMBER 2016	
STANDARD DRAWING NO.	E 604-SWCR-05

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

/s/ Elizabeth W. Phillips	03/15/16
DESIGN STANDARDS ENGINEER	DATE
/s/ Mark A. Miller	03/18/16
CHIEF ENGINEER	DATE



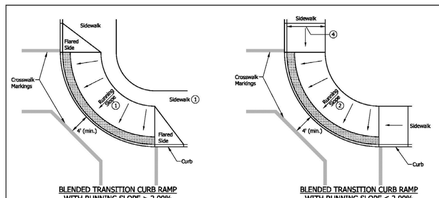
NOTES:
1. The bottom edge of the turning space and top of curb shall be flush with the edge of adjacent pavement and gutter line.
2. The turning space shall have a minimum clear dimension of 4 ft x 4 ft and a running slope of 2.00% maximum. Where the turning space is constrained at the back of the sidewalk, the minimum clear dimension shall be 4 ft x 5 ft, with the 5-ft dimension in the direction of the ramp running slope.
3. Curb ramp surface shall be coarse broomed transverse to the running slope.
4. Where there is no buffer between the sidewalk and curb, the preferred minimum sidewalk width is 6 ft. Where a buffer is placed between the sidewalk and curb, the preferred minimum sidewalk width is 5 ft. See Standard Drawing Series E 604-SDWK for sidewalk details.
5. See Standard Drawing E 604-SWCR-01 for cross slope exceptions.
6. See Standard Drawing E 604-SWCR-12, -13, and -14 for Detectable Warning Surface placement, configuration, and details.
7. See Standard Drawing E 604-CCSJ-01 for sidewalk expansion joint details.

LEGEND:
- Ramp
- Detectable Warning Surface
- TS Turning Space

INDIANA DEPARTMENT OF TRANSPORTATION	
PARALLEL CURB RAMP COMPONENT DETAILS	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 604-SWCR-08

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

/s/ Elizabeth W. Phillips	03/29/18
DESIGN STANDARDS ENGINEER	DATE
/s/ John Lacky	04/25/18
CHIEF ENGINEER	DATE



BLENDED TRANSITION CURB RAMP WITH RUNNING SLOPE > 2.00%

BLENDED TRANSITION CURB RAMP WITH RUNNING SLOPE ≤ 2.00%

DEPRESSED CORNER CURB RAMP

DIAGONAL CURB RAMP ③

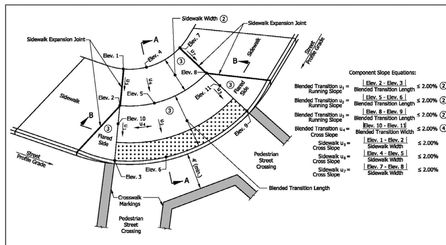
NOTES:
1. Where the running slope is greater than 2.00%, a 4-ft minimum sidewalk shall continue behind the blended transition. The running slope shall not exceed 5.00%.
2. Where the running slope is less than or equal to 2.00% a 4-ft minimum sidewalk is not required behind the blended transition.
3. A diagonal curb ramp shall not be used for new construction. For an alteration project, a diagonal curb ramp shall be used only where existing physical conditions prevent paired curb ramps, a blended transition curb ramp, or a depressed corner curb ramp from being provided.
4. Where there is no buffer between the sidewalk and curb the preferred minimum sidewalk width is 6 ft. Where a buffer is placed between the sidewalk and curb, the preferred minimum sidewalk width is 5 ft. See Standard Drawing Series E 604-SDWK for sidewalk details.

LEGEND:
- Buffer or Other Non-Walkable Surface
- Ramp
- Detectable Warning Surface
- TS Turning Space
- CS Clear Space

INDIANA DEPARTMENT OF TRANSPORTATION	
BLENDED TRANSITION CURB RAMP, DEPRESSED CURB RAMP AND DIAGONAL CURB RAMP TYPICAL PLACEMENT	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 604-SWCR-09

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

/s/ Elizabeth W. Phillips	03/29/18
DESIGN STANDARDS ENGINEER	DATE
/s/ John Lacky	04/25/18
CHIEF ENGINEER	DATE



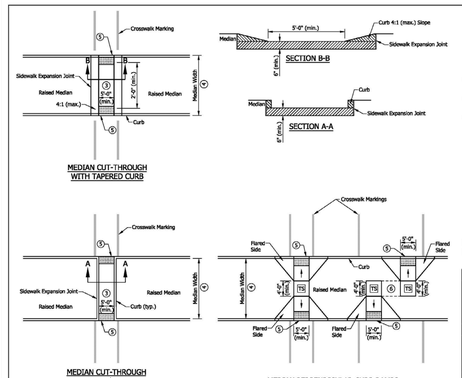
NOTES:
1. The bottom edge of the blended transition and top of curb shall be flush with the edge of adjacent pavement and gutter line.
2. Where the running slope is less than or equal to 2.00% a 4-ft minimum sidewalk is not required, behind the blended transition. Where the running slope is greater than 2.00%, a 4-ft minimum sidewalk shall continue behind the blended transition and the running slope shall not exceed 5.00%.
3. Curb ramp surface shall be coarse broomed transverse to the running slope.
4. See Standard Drawing E 604-SWCR-01 for cross slope exceptions.
5. See Standard Drawing E 604-SWCR-12, -13, and -14 for Detectable Warning Surface placement, configuration, and details.
6. See Standard Drawing E 604-CCSJ-01 for sidewalk expansion joint details.

LEGEND:
- Ramp
- Detectable Warning Surface

INDIANA DEPARTMENT OF TRANSPORTATION	
BLENDED TRANSITION CURB RAMP COMPONENT DETAILS	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 604-SWCR-10

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

/s/ Elizabeth W. Phillips	03/29/18
DESIGN STANDARDS ENGINEER	DATE
/s/ John Lacky	04/25/18
CHIEF ENGINEER	DATE



MEDIAN CUT-THROUGH WITH TAPERED CURB

MEDIAN CUT-THROUGH WITH CURB

MEDIAN PERPENDICULAR CURB RAMPS

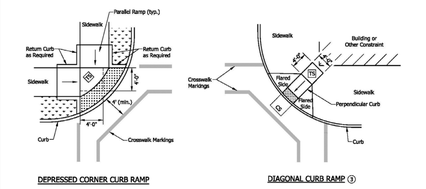
NOTES:
1. The minimum width of a median cut-through and median perpendicular curb ramp shall be 5 ft.
2. Where in-line or offset perpendicular curb ramps are used within a median, the turning space shall have a minimum clear dimension of 4 ft x 5 ft.
3. Where a median cut through is used the running slope shall be 2.00% maximum.
4. Where median width is less than 6 ft, detectable warning surfaces shall not be placed.
5. The bottom edge of the median cut-through or median perpendicular curb ramp and the top of curb shall be flush with the edge of adjacent pavement gutter line.
6. See Standard Drawing E 604-SWCR-01 for cross slope exceptions.
7. See Standard Drawing E 604-SWCR-12, -13, and -14 for Detectable Warning Surface placement, configuration, and details.
8. See Standard Drawing E 604-CCSJ-01 for sidewalk expansion joint details.

LEGEND:
- Ramp
- Detectable Warning Surface
- TS Turning Space

INDIANA DEPARTMENT OF TRANSPORTATION	
MEDIAN CUT-THROUGH AND MEDIAN PERPENDICULAR CURB RAMP TYPICAL PLACEMENT	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 604-SWCR-11

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

/s/ Elizabeth W. Phillips	03/29/18
DESIGN STANDARDS ENGINEER	DATE
/s/ John Lacky	04/25/18
CHIEF ENGINEER	DATE



PARALLEL CURB RAMP ④

DEPRESSED CORNER CURB RAMP ③ ⑦

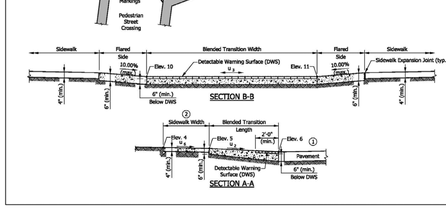
NOTES:
1. A detectable warning surface shall be placed at each street, highway, or railroad crossing. See Standard Drawing E 604-SDWK-03 for a detectable warning surface placement at a sidewalk driveway crossing.
2. The detectable warning surface shall extend a minimum of 2 ft in the direction of pedestrian travel and extend the full width as shown. The detectable warning surface shall not be placed across a grade break.
3. Where the distance from the face of the detectable warning surface is 5 ft or less from the back of curb, the detectable warning surface shall be placed perpendicular to the ramp. Where the distance from the face of the detectable warning surface is more than 5 ft from the back of curb, the detectable warning surface shall be placed at the back of curb as shown or in an alternate placement configuration. See Standard Drawing E 604-SWCR-13 for alternate detectable warning surface placement.
4. The detectable warning surface on a parallel curb ramp shall be placed on the turning space at the flush transition between the street and turning space at the back of curb.
5. The detectable warning surface on a blended transition or depressed corner shall be placed at the back of curb as shown or in an alternate placement configuration. See Standard Drawing E 604-SWCR-13 for alternate detectable warning surface placement.
6. See Standard Drawing E 604-SWCR-14 for detectable warning surface details.

LEGEND:
- Buffer or Other Non-Walkable Surface
- Detectable Warning Surface (DWS)
- Ramp
- GR Grade Break

INDIANA DEPARTMENT OF TRANSPORTATION	
DETECTABLE WARNING SURFACE PLACEMENT AND CONFIGURATION	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 604-SWCR-12

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

/s/ Elizabeth W. Phillips	03/29/18
DESIGN STANDARDS ENGINEER	DATE
/s/ John Lacky	04/25/18
CHIEF ENGINEER	DATE

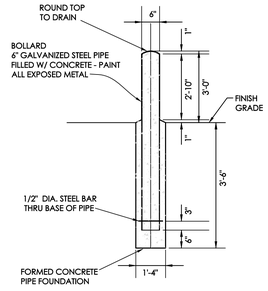


NOTES:
1. Detectable warning surface shall consist of truncated domes. Domes shall be aligned in a square or radial grid pattern with diameter and center-to-center spacing within the ranges specified.
2. The detectable warning surface may be field cut. Truncated dome spacing between adjacent panels shall be within the ranges specified.
3. The detectable warning surface shall contrast visually with adjacent surfaces, either light-on-dark or dark-on-light.
4. The detectable warning surface shall extend a minimum of 2 ft in the direction of pedestrian travel and extend the full width as shown. The detectable warning surface shall not be placed across a grade break.
5. The maximum counter slope of the gutter or street at the bottom of the ramp shall be 5.00%. Where the algebraic difference between the running slope and the counter slope exceeds 11%, a 2-ft minimum level strip should be provided at the bottom of the ramp.
6. Where a concrete border is used for forming, the border shall be cast monolithically with the curb ramp concrete. The concrete border shall not reduce the ramp width by more than 2 in. on each side.
7. Where forming other than a concrete border is used, the edge restraint shall not encroach upon the ramp width.

INDIANA DEPARTMENT OF TRANSPORTATION	
DETECTABLE WARNING SURFACE DETAILS	
SEPTEMBER 2018	
STANDARD DRAWING NO.	E 604-SWCR-14

ELIZABETH W. PHILLIPS No. 10200124 STATE OF INDIANA REGISTERED PROFESSIONAL ENGINEER

/s/ Elizabeth W. Phillips	03/29/18
DESIGN STANDARDS ENGINEER	DATE
/s/ John Lacky	04/25/18
CHIEF ENGINEER	DATE



BOLLARD DETAIL
NOT TO SCALE

AD-2

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT
21-106
DATE
03/14/22
COORDINATED BY
DCT
DRAWN BY
DCT/MH
CHECKED BY
DCT

DONALD C. TORRENGA REGISTERED STATE OF INDIANA No. 19868 PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD #2	04-06-2022	ADDENDUM NUMBER 2

DRAWING
DETAILS & SPECIFICATIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
C-5.2

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TRENCH FOOTING SCHEDULE

FTG. MARK	FOOTING SIZE		FOOTING REINFORCING	
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
TF24	2'-0"	2'-4"	(3) #5 x CONTINUOUS	#3 x 1'-6" @ 96" O.C.
TF30	2'-6"	2'-4"	(4) #6 x CONTINUOUS	#3 x 2'-0" @ 96" O.C.
TF36	3'-0"	2'-4"	(5) #6 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.

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

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

3. INTERIOR OF TRENCH FOOTING SHALL BE FORMED WITH RIGID INSULATION. TAKE CARE IN TRIMMING INTERIOR FACE OF EXCAVATION TO MINIMIZE GAPS BEHIND THE INSULATION. FILL WITH #8 CRUSHED STONE, TAMPING AND COMPACTING WHERE SPACE PERMITS.

WALL FOOTING SCHEDULE

FTG. MARK	FOOTING SIZE		FOOTING REINFORCING	
	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE
WF24	2'-0"	1'-0"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C.
WF30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C.
WF36	3'-0"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.
WF48	4'-0"	1'-2"	(4) #5 x CONTINUOUS	#5 x 3'-6" @ 12" O.C.

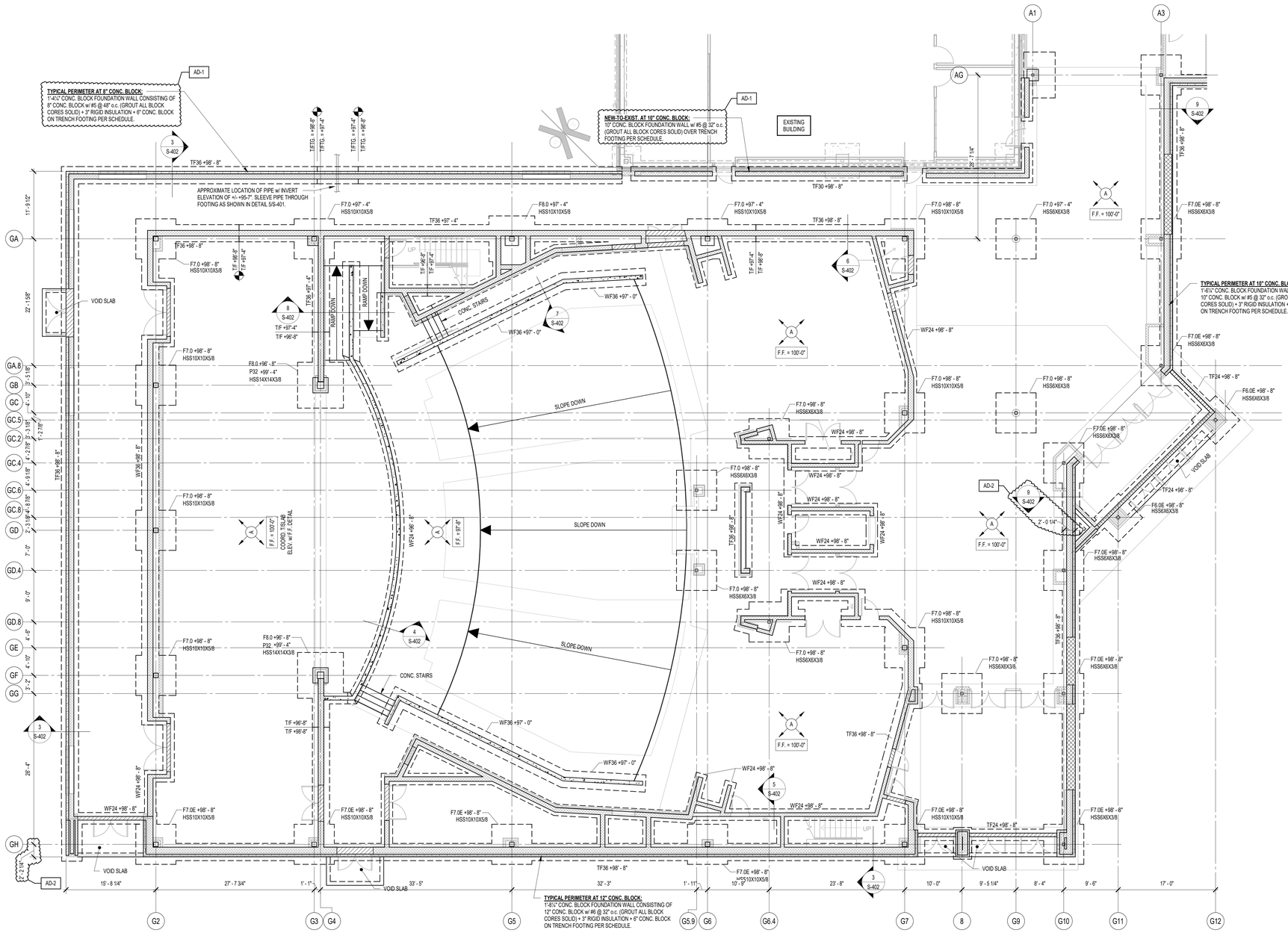
1. CENTER FOOTINGS BENEATH WALLS, U.N.O.

FOUNDATION PLAN NOTES

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION 100'-0" REFER TO CIVIL DWGS. FOR EXACT U.S.G.S. ELEVATION.
5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.
7. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.
8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.
9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.
10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.
11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOILS w/ A MINIMUM BEARING CAPACITY OF 2,500 PSF.
12. COLUMN FOOTINGS SUPPORTING MORE THAN ONE COLUMN SHALL BE CENTERED AT THE MIDPOINT BETWEEN THE COLUMNS, UNLESS NOTED OTHERWISE ON PLAN.
13. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE S-402 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS. AD-1
14. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO, CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.
15. FOR ARCHITECTURAL PILASTERS NOT SUPPORTING STEEL COLUMNS, CONSTRUCT AS FULLY-GROUTED MASONRY PIERS OR CAST-IN-PLACE CONCRETE PIERS REINF'D W/ #5 VERTICAL REINFORCING AT 12" O.C. ALL FACES, AT CONTRACTOR'S OPTION.
16. LOWER BOTTOM OF FOOTING AS REQUIRED FOR PIPE SLEEVE. REFER TO DETAIL 11/S-401. COORD. EXACT LOCATION AND INVERT ELEVATION w/ PLUMBING CONTRACTOR.
17. STEP TOP OF FOOTING DOWN AS REQUIRED FOR PIPE SLEEVE. REFER TO DETAILS 13 & 18/S-401. COORD. EXACT LOCATION AND INVERT ELEVATION w/ PLUMBING CONTRACTOR.
18. DENOTES INTERIOR CONC. BLOCK PARTITION WALL w/ #4 @ 48" o.c. (GROUT SOLID AT BARS) ON THICKENED SLAB PER DETAIL 4/S-401.

PLAN LEGEND:

- F.F. — DENOTES FINISH FLOOR
- T/"X" — DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.
- B/"X" — DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.
- C.J. — DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
- GB32x24 -8'-0" — DENOTES CONCRETE GRADE BEAM SIZE & TOP OF GRADE BEAM ELEVATION (SEE SCHEDULE)
- DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S-401
- DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.)
- DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.) — F5.0 -6'-8" / P24 -0'-8" / HSS6x6x3/8
- DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FDNS)
- COLUMN FOOTING
- CONCRETE PIER
- STEEL COLUMN
- DENOTES PIPE PENETRATION THROUGH EXTERIOR WALL. REFER TO PLUMBING DRAWINGS FOR EXACT SIZE, LOCATION, AND INVERT ELEVATION. SEE DETAILS ON SHEET S-401 FOR STEPPED FOOTINGS, SLEEVES, ETC.
- A / F.F. = SEE PLAN — DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & ES SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: ES INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & ES CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15-MIL CLASS A VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.). AD-1
- B / F.F. = SEE PLAN — DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) OVER COMPACTED GRANULAR FILL TO FILL VOID (INDOT No. 53 OR APPROVED EQUIV.)



1 FOUNDATION PLAN - UNIT G
1/8" = 1'-0"

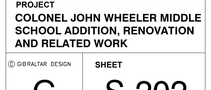
GIBRALTAR DESIGN
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

THIRD FLOOR KEY PLAN



SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE — PE10606154 — STATE OF INDIANA — PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.28.2022	ADDENDUM NO. 1
AD-2	04.06.2022	ADDENDUM NO. 2

DRAWING
FOUNDATION PLAN - UNIT G

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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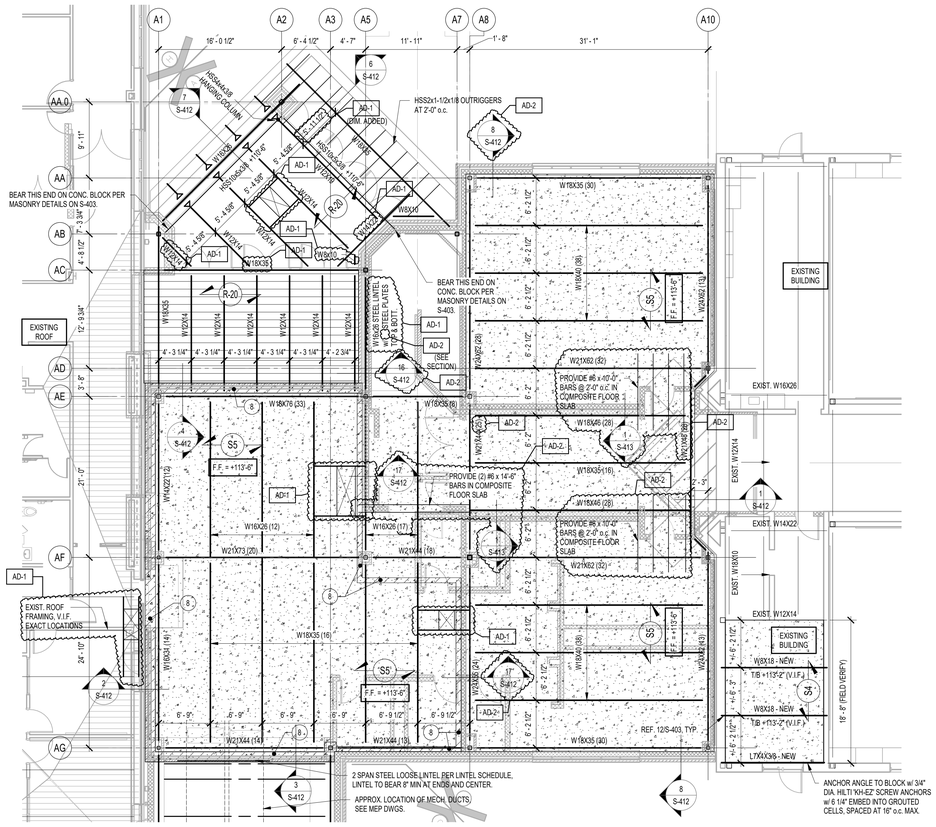
G
S-202



1 SECOND FLOOR FRAMING PLAN - UNIT A
1/8" = 1'-0"

1. T/STEEL = +113'-1" TYP.-U.N.O.

FLOOR FRAMING PLAN NOTES

1. REFER TO SHEET S001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. ALL ELEVATIONS LISTED ARE REFERENCED FROM THE GROUND FLOOR FINISH FLOOR ELEVATION 100'-0" OF NEW CONSTRUCTION. REFER TO THE CIVIL DRAWINGS FOR EXACT U.S.G.S. ELEVATION.
4. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
5. COORDINATE SIZE AND LOCATION OF ANY FLOOR OPENINGS w/ APPROPRIATE TRADE(S).
6. STAIRS AND/OR SHIPS LADDERS ARE BY STEEL FABRICATOR. COORD. EXTENTS / GEOMETRY w/ ARCH. DRAWINGS.
7. 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 DETAIL 1/S-411.
8. INSTALL CONTINUOUS CONCRETE CURBS AROUND THE PERIMETER OF ALL MECHANICAL ROOMS AND AROUND FLOOR PENETRATIONS BOTH SHOWN AND NOW SHOWN INCLUDING STEEL COLUMN PENETRATIONS. SEE STRUCTURAL SECTIONS IN THE S400 SERIES FOR CONC. CURB DIMENSIONS AND REINF.
9. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S-411. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.

PLAN LEGEND:

S4 — 2 1/2" NORMAL WEIGHT CONC. SLAB w/ 6x6 W2.9xW2.9 W.W.F. ON 1 1/2", 20 GA. GALV. COMPOSITE FLOOR DECK. TOTAL THICKNESS = 4". T/SLAB TO MATCH EXISTING.

S5 — 3" NORMAL WEIGHT CONC. SLAB w/ 6x6 W2.9xW2.9 W.W.F. ON 2", 18 GA. GALV. COMPOSITE FLOOR DECK. TOTAL THICKNESS = 5".

DENOTES APPROX. LOCATION OF FLOOR OPENING. COORD. EXACT SIZE AND LOCATION WITH MECHANICAL CONTRACTOR. PROVIDE CURB AT FULL PERIMETER OF OPENING PER DETAIL 11/S-413. REFER TO TYPICAL DETAILS ON SHEET S400 FOR FRAMING AT OPENING.

DENOTES BEAM SIZE & NUMBER OF 3/4" DIA. x 4 3/8" LONG (4" AS WELDED) HEADED SHEAR STUDS UNIFORMLY SPACED ALONG LENGTH OF BEAM

W24X55 (30)
+15'-7"

DENOTES TOP OF STEEL ELEVATION

ROOF FRAMING PLAN NOTES

1. REF. S001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
6. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL X/S-XXX FOR ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
7. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
8. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
9. 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.
10. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
11. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
12. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS.
13. 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.
14. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
15. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
16. 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.
17. PLAN LEGEND:

T/X' — DENOTES TOP OF STEEL, SLAB, ETC.

E.O.S. (or EOS) — DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL 1/S-411

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

R-20 — DENOTES 1½", 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 7/S411.

DENOTES BEAM-THRU-BEAM MOMENT CONNECTION PER DETAIL 6/S-411

DENOTES BEAM SIZE
W24X55
+115'-7"
DENOTES TOP OF STEEL ELEVATION
AD-1

DENOTES APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 8/S-411. COORD. EXACT LOCATION w/ MECH. CONTRACTOR.

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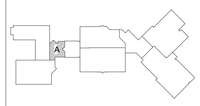
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

THIRD FLOOR KEY PLAN

SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE — REGISTERED — PE10606154 — STATE OF INDIANA — PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.28.2022	ADDENDUM NO. 1
AD-2	04.06.2022	ADDENDUM NO. 2

DRAWING
SECOND FLOOR FRAMING PLAN - UNIT A

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
A
S-203

ROOF FRAMING PLAN NOTES

1. REF. S001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS.
3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
6. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL X/S-XXX FOR ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
7. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
8. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
9. 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.
10. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
11. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
12. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS.
13. 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.
14. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
15. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
16. 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.
17. PLAN LEGEND:

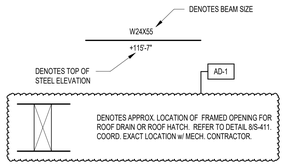
T/X' — DENOTES TOP OF STEEL, SLAB, ETC.

E.O.S. (or EOS) — DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL 1/S-411

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

R-20 — DENOTES 1½", 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 7/S411.

DENOTES BEAM-THRU-BEAM MOMENT CONNECTION PER DETAIL 6/S-411



FLOOR FRAMING PLAN NOTES

1. REFER TO SHEET S001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. ALL ELEVATIONS LISTED ARE REFERENCED FROM THE GROUND FLOOR FINISH FLOOR ELEVATION 100'-0" OF NEW CONSTRUCTION. REFER TO THE CIVIL DRAWINGS FOR EXACT U.S.G.S. ELEVATON.
4. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
5. COORDINATE SIZE AND LOCATION OF ANY FLOOR OPENINGS w/ APPROPRIATE TRADE(S).
6. STAIRS AND/OR SHIPS LADDERS ARE BY STEEL FABRICATOR. COORD. EXTENTS / GEOMETRY w/ ARCH. DRAWINGS.
7. 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 DETAIL 1/S-411.
8. INSTALL CONTINUOUS CONCRETE CURBS AROUND THE PERIMETER OF ALL MECHANICAL ROOMS AND AROUND FLOOR PENETRATIONS BOTH SHOWN AND NOW SHOWN INCLUDING STEEL COLUMN PENETRATIONS. SEE STRUCTURAL SECTIONS IN THE S400 SERIES FOR CONC. CURB DIMENSIONS AND REINF.
9. PROVIDE CHANNEL FRAMES AT ALL SUPPORTED SLAB OPENINGS PER TYPICAL DETAIL ON S-411. COORDINATE EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DRAWINGS.

PLAN LEGEND:

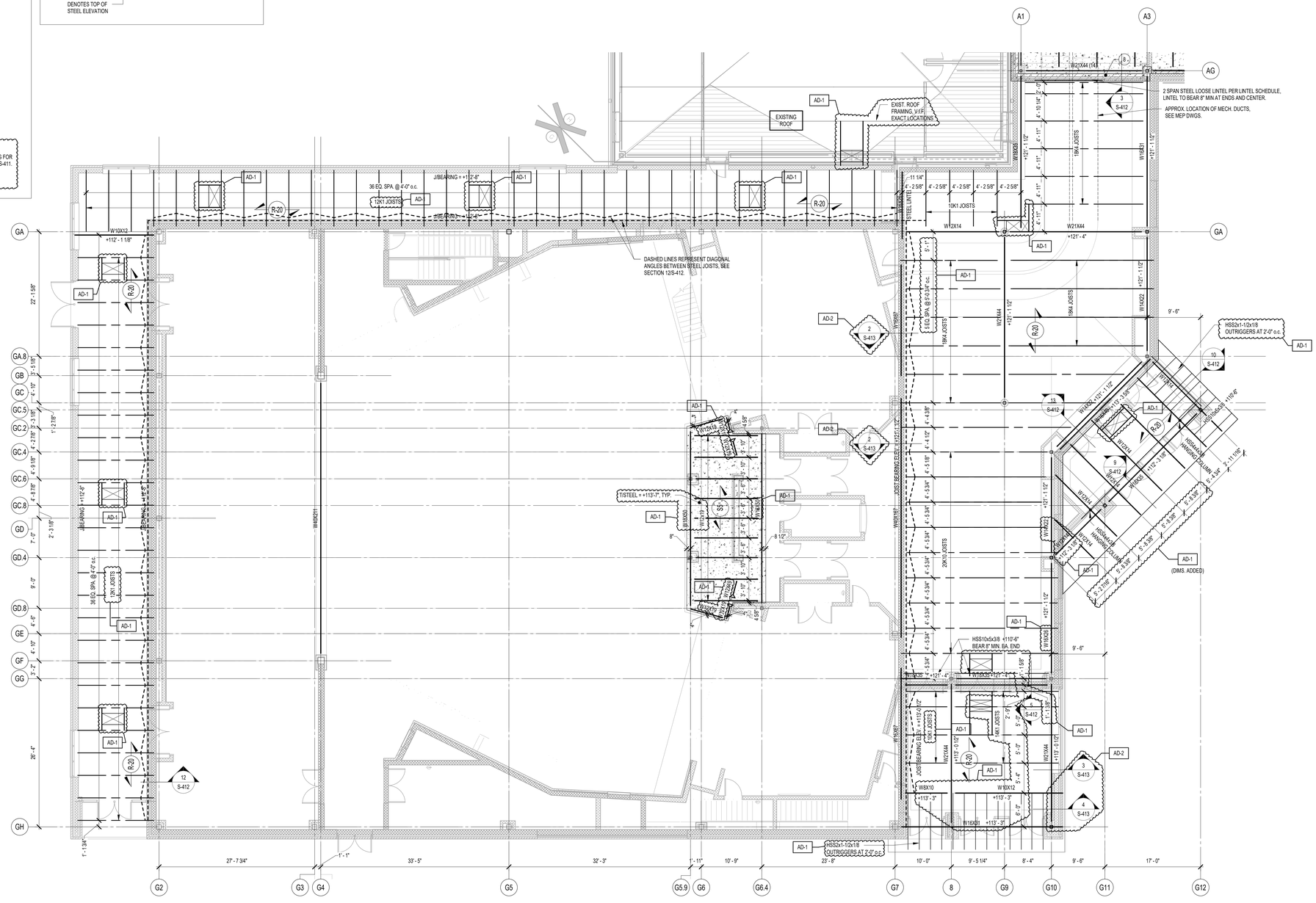
S4 — 2 1/2" NORMAL WEIGHT CONC. SLAB w/ 6x6 W2.9xW2.9 W.W.F. ON 1 1/2", 20 GA. GALV. COMPOSITE FLOOR DECK. TOTAL THICKNESS = 4". TIS/LAB TO MATCH EXISTING.

S5 — 3" NORMAL WEIGHT CONC. SLAB w/ 6x6 W2.9xW2.9 W.W.F. ON 2", 18 GA. GALV. COMPOSITE FLOOR DECK. TOTAL THICKNESS = 5".

DENOTES APPROX. LOCATION OF FLOOR OPENING. COORD. EXACT SIZE AND LOCATION WITH MECHANICAL CONTRACTOR. PROVIDE CURB AT FULL PERIMETER OF OPENING PER DETAIL 11/S-413. REFER TO TYPICAL DETAILS ON SHEET S420 FOR FRAMING AT OPENING.

DENOTES BEAM SIZE & NUMBER OF 3/4" DIA. x 4 3/8" LONG (4" AS WELDED) HEADED SHEAR STUDS UNIFORMLY SPACED ALONG LENGTH OF BEAM

W24X55 (30) +15'-7" — DENOTES TOP OF STEEL ELEVATION



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

GIBRALTAR DESIGN
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

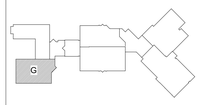
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

THIRD FLOOR KEY PLAN

SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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

PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.28.2022	ADDENDUM NO. 1
AD-2	04.06.2022	ADDENDUM NO. 2

DRAWING
MEZZANINE/LOW ROOF FRAMING PLAN - UNIT G

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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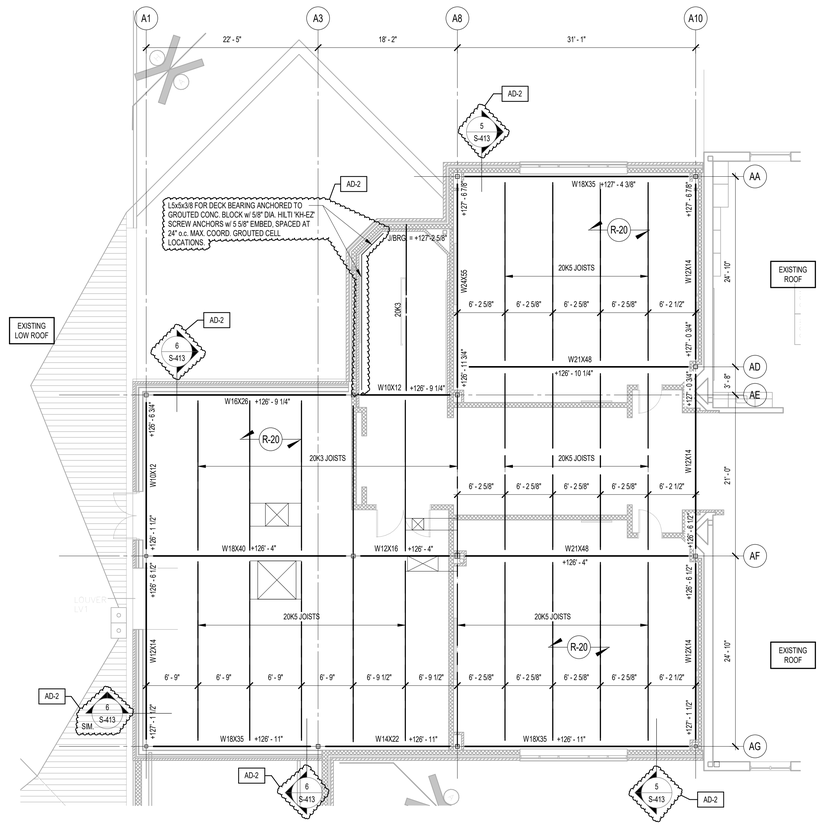
SHEET G S-204

ROOF FRAMING PLAN NOTES

1. REF. S001 FOR STRUCTURAL NOTES, DESIGN DATA, SCHEDULES & LEGENDS.
2. REF. THE S400 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 F/N. FLOOR ELEVATION +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS.
5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS.
6. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL X/S-XXX FOR ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN FRAMING SECTIONS.
7. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS.
8. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.
9. 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.
10. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE.
11. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS.
12. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS.
13. 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.
14. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS.
15. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED, LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
16. 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.
17. PLAN LEGEND:

T/X'	DENOTES TOP OF STEEL, SLAB, ETC.
E.O.S. (or EOS)	DENOTES EDGE OF SLAB (MEASURED FROM BEAM C.L.) SEE TYPICAL DETAIL 1/S-411
E.O.D. (or EOD)	DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED
R-20	DENOTES 1½", 20 GA. GALV. & PRIME-PAINTED WIDE RIB STEEL ROOF DECK. REF. DETAIL 7/S411.
	DENOTES BEAM-THRU-BEAM MOMENT CONNECTION PER DETAIL 6/S-411
W24X55 +115'-7"	DENOTES BEAM SIZE; DENOTES TOP OF STEEL ELEVATION
AD-1	DENOTES APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 8/S-411. COORD. EXACT LOCATION w/ MECH. CONTRACTOR.



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

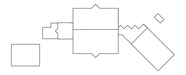
GIBRALTAR DESIGN
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

PROJECT

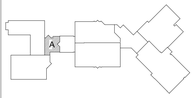
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

THIRD FLOOR KEY PLAN



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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9102 N. Meridian St., Ste. 300
Indianapolis, IN 46260
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04.06.2022	ADDENDUM NO. 2

DRAWING
ROOF FRAMING PLAN - UNIT A

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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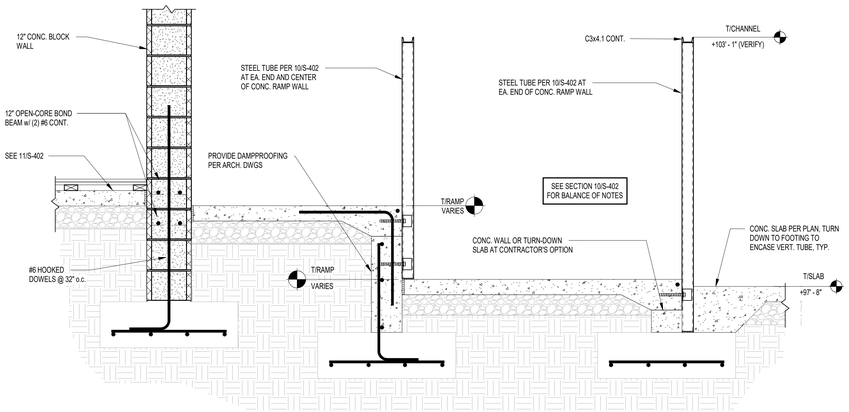
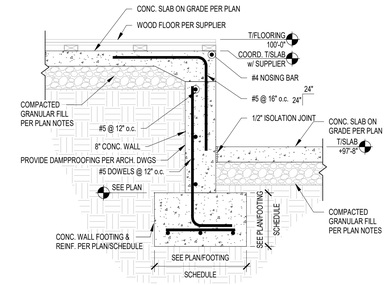
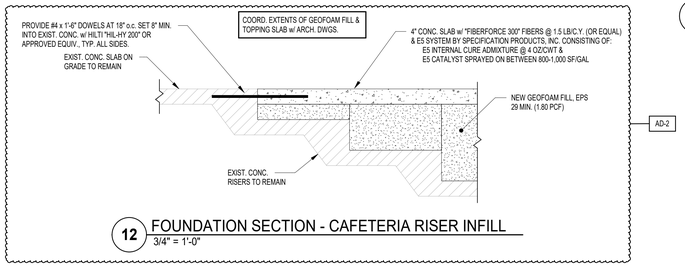
SHEET
A
S-205



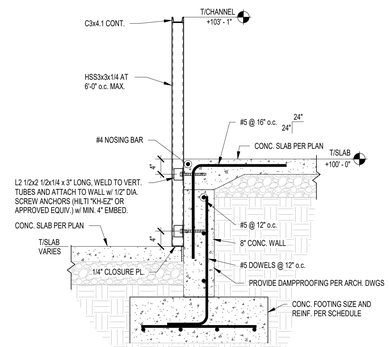
8 FOUNDATION SECTION
3/4" = 1'-0"



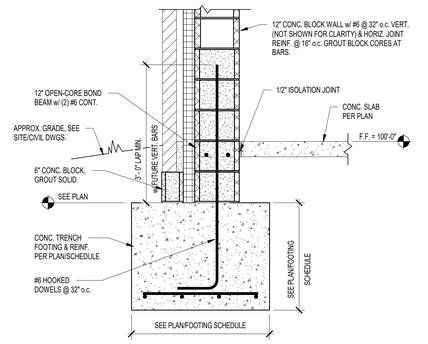
4 FOUNDATION SECTION
3/4" = 1'-0"



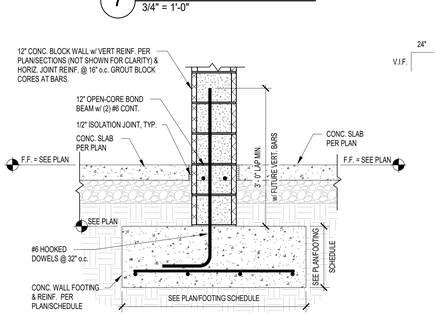
12 FOUNDATION SECTION - CAFETERIA RISER INFILL
3/4" = 1'-0"



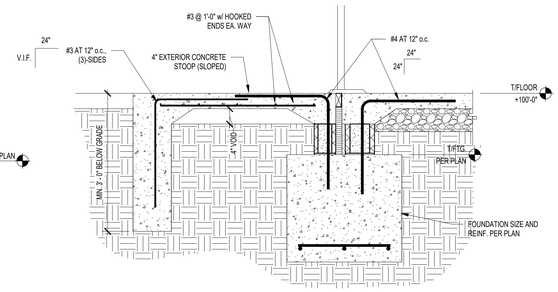
7 FOUNDATION SECTION
3/4" = 1'-0"



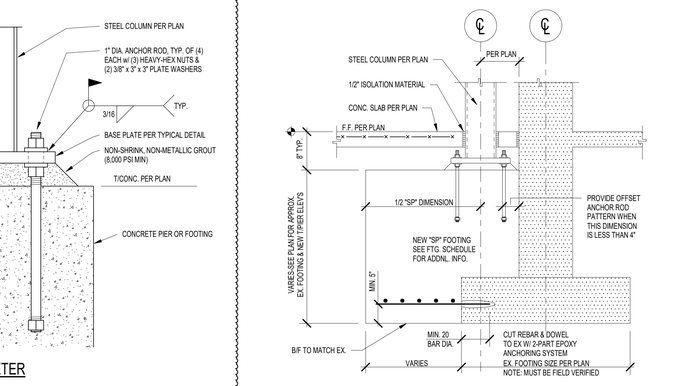
3 FOUNDATION SECTION
3/4" = 1'-0"



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

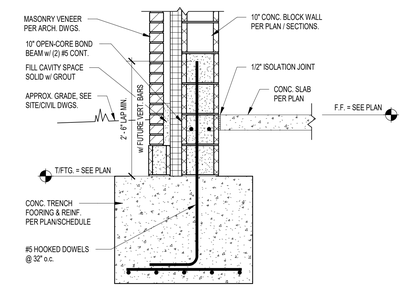


2 FOUNDATION SECTION
3/4" = 1'-0"

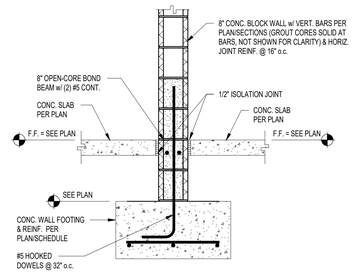


11 ANCHOR BOLT DETAIL
NOT TO SCALE

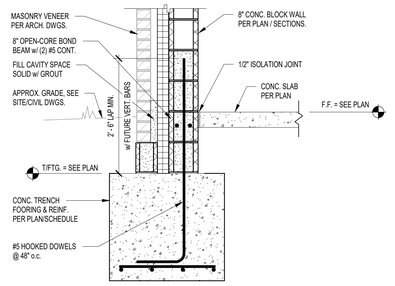
10 NEW-TO-EX. COLUMN FOOTING DETAIL
NOT TO SCALE



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



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



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

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

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PROJECT
21-106
DATE
3/14/22
COORDINATED BY
NHF
DRAWN BY
NHF
CHECKED BY
SAC

SCOTT A. CLORE — PE10606154 — STATE OF INDIANA — PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.28.2022	ADDENDUM NO. 1
AD-2	04.06.2022	ADDENDUM NO. 2

DRAWING
STRUCTURAL FOUNDATION SECTIONS/DETAILS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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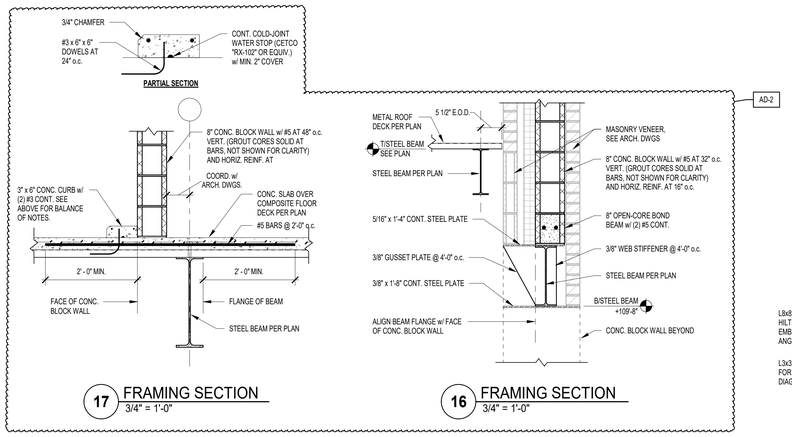
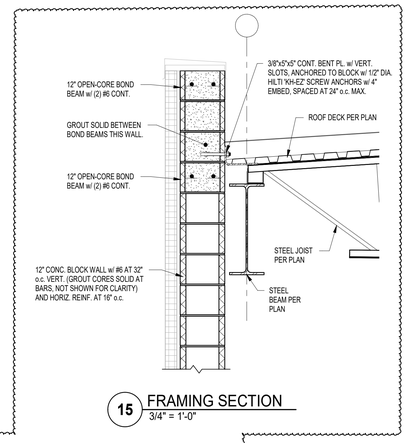
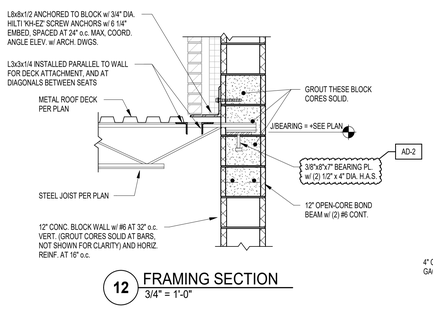
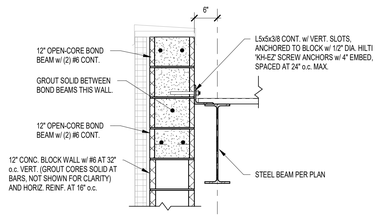
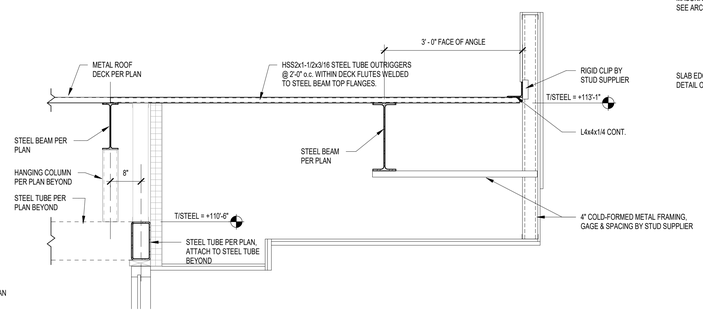
SHEET
S-402

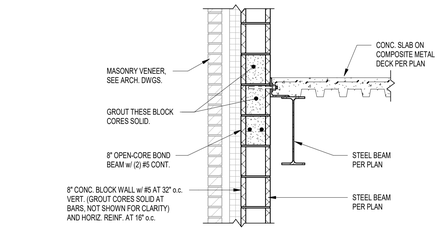


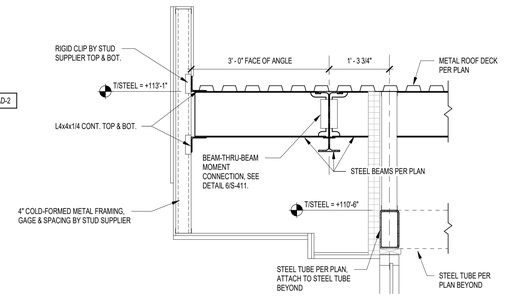


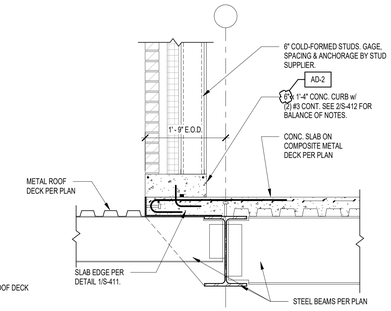


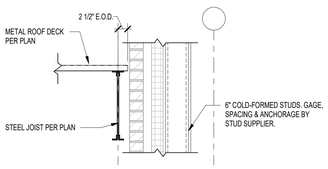


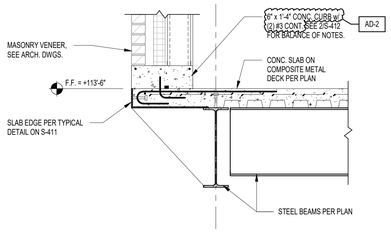


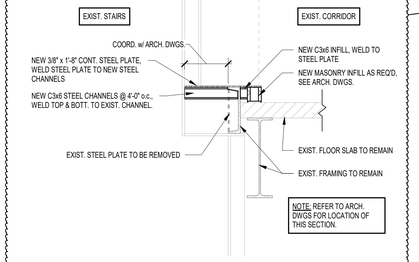


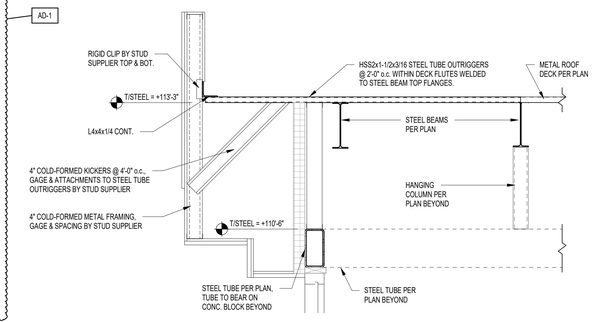


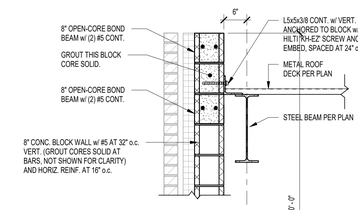


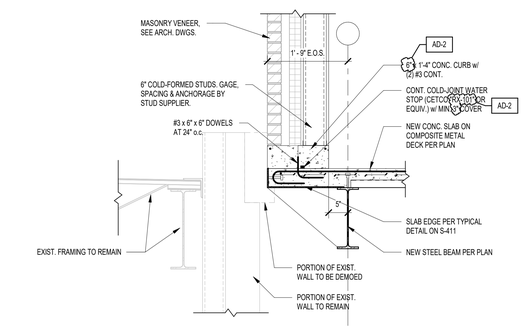


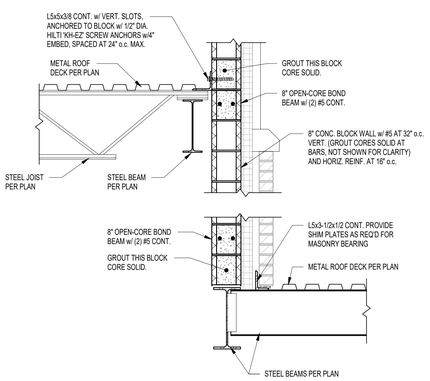


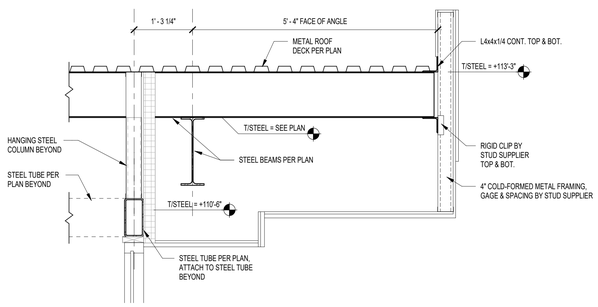


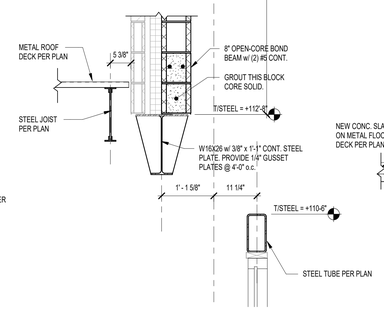


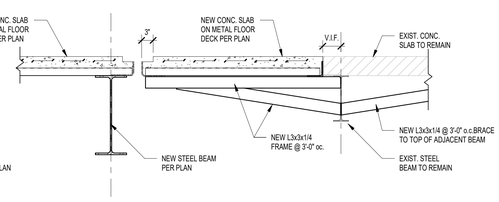












GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION and RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10600154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03.28.2022	ADDENDUM NO. 1
AD-2	04.06.2022	ADDENDUM NO. 2

DRAWING STRUCTURAL FRAMING SECTIONS

PROJECT COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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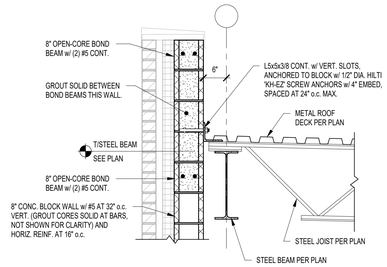
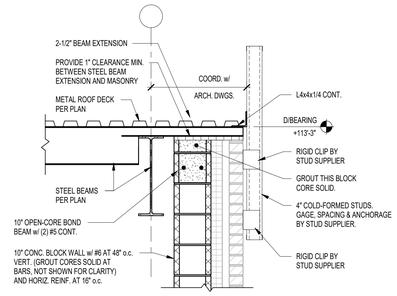
SHEET S-412



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



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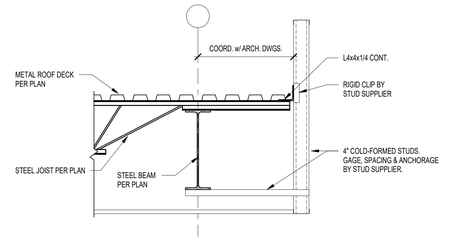

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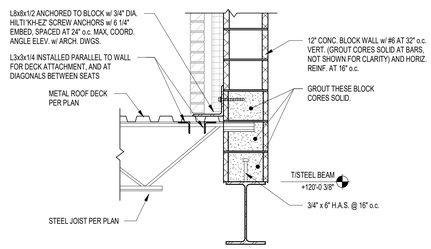

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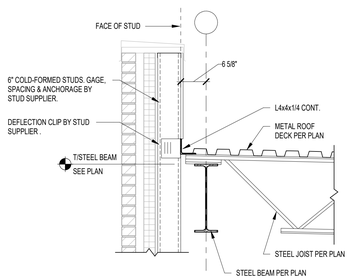
3/4" = 1'-0"



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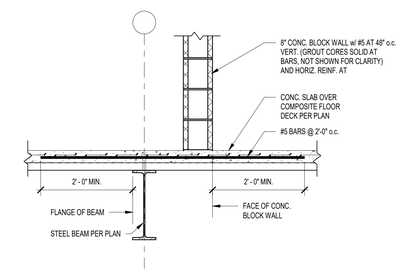

1 FRAMING SECTION
3/4" = 1'-0"

AD-2 NEW SHEET ADDED TO CONSTRUCTION DOCUMENTS THIS ADDENDUM

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PROJECT

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CROWN POINT COMMUNITY SCHOOL CORPORATION
CEDAR LAKE, INDIANA

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY NHF
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04.06.2022	ADDENDUM NO. 2

DRAWING
STRUCTURAL FRAMING SECTIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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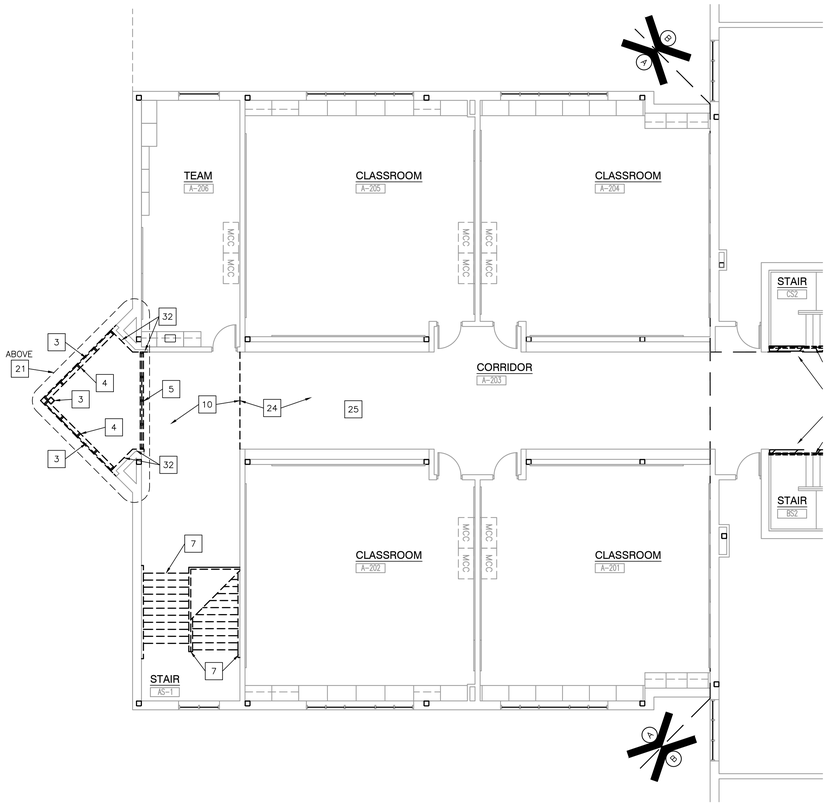
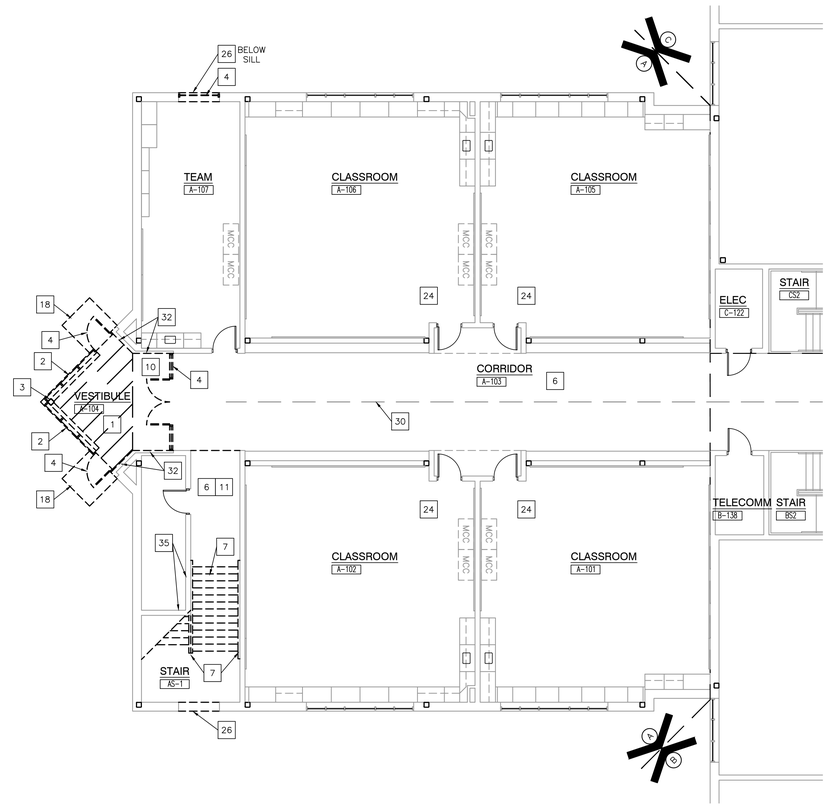
SHEET
S-413



UNIT "A" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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



UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

B. UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.

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

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

E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

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

J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.

K. DEMOLITION SHALL BE PERFORMED WITHOUT CAUSING DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO CONTRACTOR DISPOSING OF THEM OFF SITE.

T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

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

1. DEMOLISH EXISTING CONCRETE SLAB.
2. DEMOLISH EXISTING WALL AND FOOTING.
3. DEMOLISH EXISTING STRUCTURAL COLUMN AND/OR BEAM.
4. DEMOLISH EXISTING CURTAIN WALL SYSTEM COMPLETE.
5. DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE. AD-2
6. DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. AD-1
7. DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8. REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9. REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR REMAINING WALL CONSTRUCTION AS REQUIRED TO ACCEPT NEW FINISHES.
10. REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
11. REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
12. REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
13. REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE BRICK. PATCH/REPAIR FLOOR/WALL AS REQ'D TO ACCEPT NEW FINISHES.
14. REMOVE DOOR AND HOLLOW METAL DOOR FRAME IN ITS ENTIRETY.
15. EXISTING METAL COLUMN TO REMAIN.
16. REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
17. DEMOLISH METAL STUD AND GYPSUM WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION.
18. REMOVE CONCRETE STOOP.
19. APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20. REMOVE METAL WINDOW FRAME.
21. REMOVE ROOF STRUCTURE AND FRAMING.
22. CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23. REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24. EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25. EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26. REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27. REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28. DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29. DEMOLISH BASEBOARD HEATER. CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30. REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31. REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32. REMOVE AND SALVAGE FACE BRICK.
33. CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34. GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35. CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36. REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37. REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38. PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39. REMOVE TOILET ACCESSORIES.
40. SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41. REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN. AD-1

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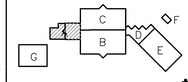
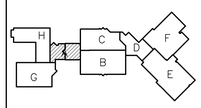
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING
UNIT "A" ARCHITECTURAL FIRST & SECOND FLOOR DEMOLITION PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET A AD101

Wednesday, 4/6/2022 - 9:00 AM - LAST SAVED BY:EMCCAULEY
Y:\21-106 CROWN POINT CSC - WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\05 ARCH\AD101.DWG

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

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F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

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

J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.

K. DEMOLITION SHALL BE PERFORMED WITHOUT CAUSING DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO CONTRACTOR DISPOSING OF THEM OFF SITE.

T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

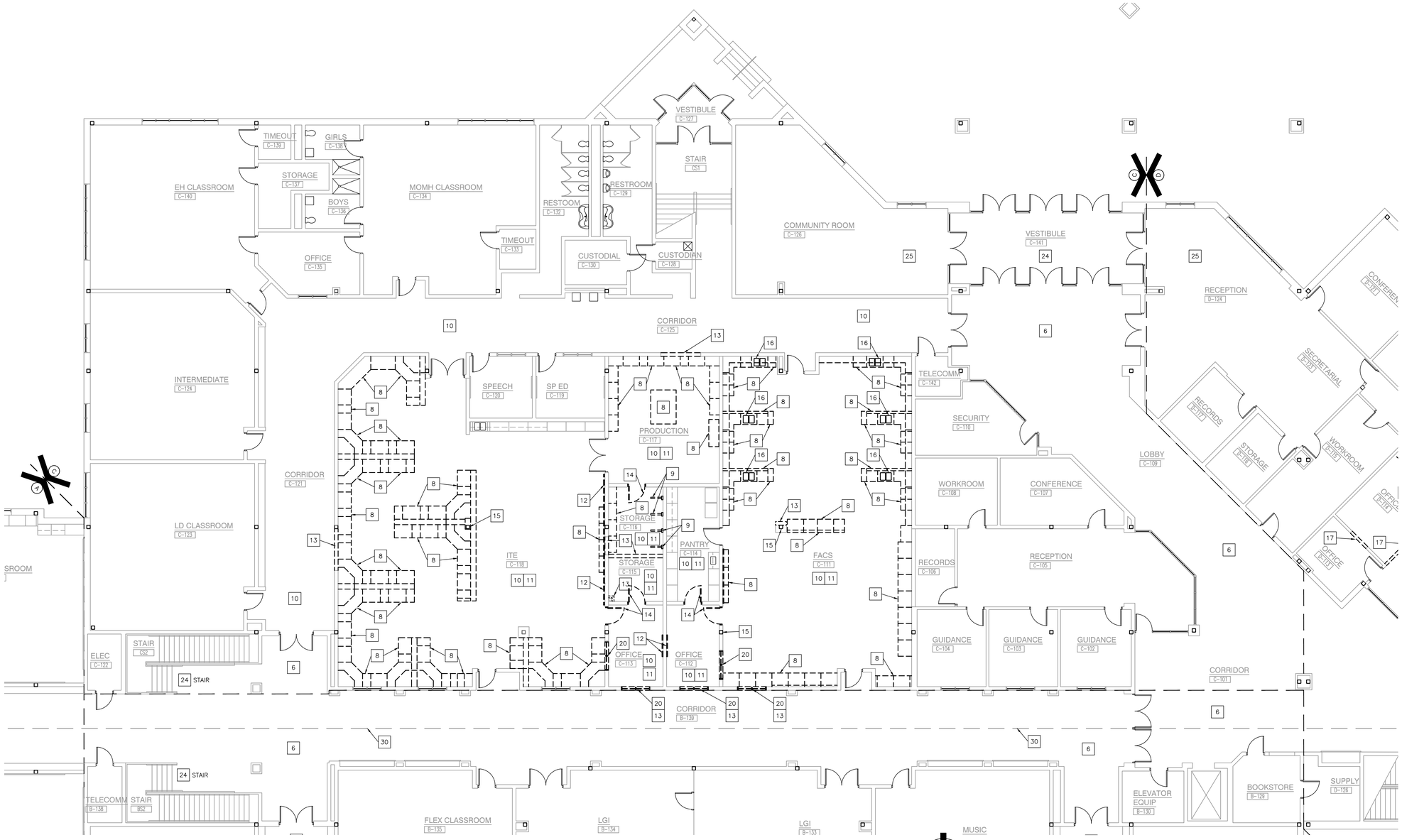
V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

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

1 DEMOLISH EXISTING CONCRETE SLAB.
2 DEMOLISH EXISTING WALL AND FOOTING.
3 DEMOLISH EXISTING STRUCTURAL COLUMN AND/OR BEAM.
4 DEMOLISH EXISTING CURTAIN WALL SYSTEM COMPLETE.
5 DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE. AD-2
6 DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. AD-1
7 DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8 REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9 REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR REMAINING WALL CONSTRUCTION AS REQUIRED TO ACCEPT NEW FINISHES.
10 REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
11 REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
12 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
13 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE BRICK. PATCH/REPAIR FLOOR/WALL AS REQ'D TO ACCEPT NEW FINISHES.
14 REMOVE DOOR AND HOLLOW METAL DOOR FRAME IN ITS ENTIRETY.
15 EXISTING METAL COLUMN TO REMAIN.
16 REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
17 DEMOLISH METAL STUD AND GYPSUM WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION.
18 REMOVE CONCRETE STOOP.
19 APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20 REMOVE METAL WINDOW FRAME.
21 REMOVE ROOF STRUCTURE AND FRAMING.
22 CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23 REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24 EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25 EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26 REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27 REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28 DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29 DEMOLISH BASEBOARD HEATER. CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31 REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32 REMOVE AND SALVAGE FACE BRICK.
33 CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34 GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35 CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36 REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37 REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38 PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39 REMOVE TOILET ACCESSORIES.
40 SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41 REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN. AD-1



UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

Wednesday, 4/6/2022 - 8:59 AM - LAST SAVED BY:EMCCAULEY
Y:\21-106 CROWN POINT CSC - WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\05 ARCH\AD104.DWG

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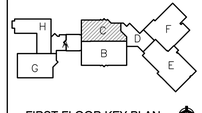
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING
UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET C AD104

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

B. UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.

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M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

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W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

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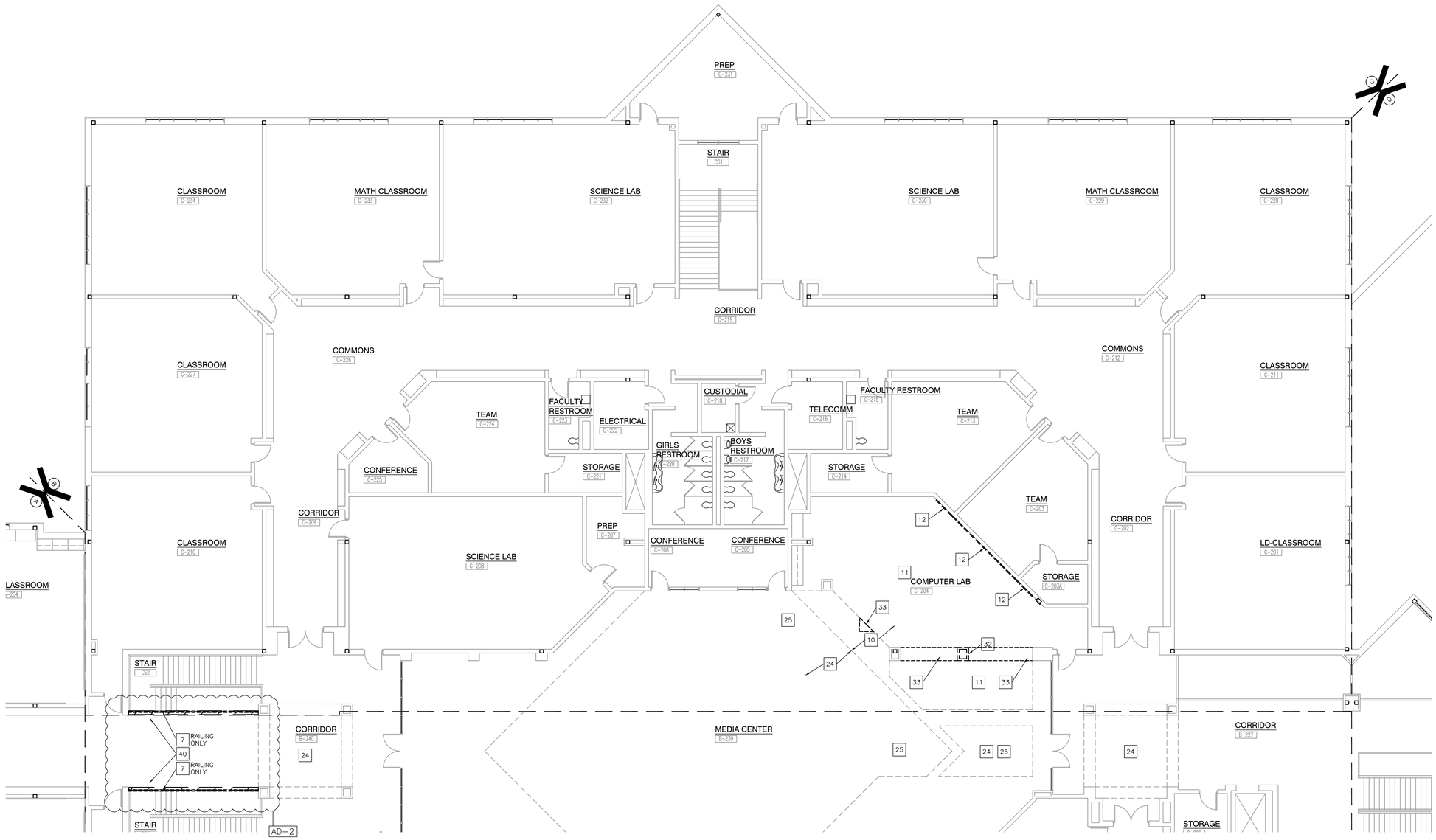
2. DEMOLISH EXISTING WALL AND FOOTING.
3. DEMOLISH EXISTING STRUCTURAL COLUMN AND/OR BEAM.
4. DEMOLISH EXISTING CURTAIN WALL SYSTEM COMPLETE.
5. DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE. AD-2
6. DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. AD-1
7. DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8. REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9. REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR REMAINING WALL CONSTRUCTION AS REQUIRED TO ACCEPT NEW FINISHES.
10. REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
11. REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
12. REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
13. REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE BRICK. PATCH/REPAIR FLOOR/WALL AS REQ'D TO ACCEPT NEW FINISHES.
14. REMOVE DOOR AND HOLLOW METAL DOOR FRAME IN ITS ENTIRETY.
15. EXISTING METAL COLUMN TO REMAIN.
16. REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
17. DEMOLISH METAL STUD AND GYPSUM WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION.
18. REMOVE CONCRETE STOOP.
19. APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20. REMOVE METAL WINDOW FRAME.
21. REMOVE ROOF STRUCTURE AND FRAMING.
22. CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23. REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24. EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25. EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26. REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27. REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28. DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29. DEMOLISH BASEBOARD HEATER. CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30. REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31. REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32. REMOVE AND SALVAGE FACE BRICK.
33. CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34. GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35. CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36. REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37. REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38. PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39. REMOVE TOILET ACCESSORIES.
40. SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41. REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN. AD-1



UNIT "C" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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

NORTH

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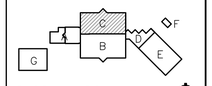
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN

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Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING
UNIT "C" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
C AD105

Wednesday, 4/6/2022 - 8:58 AM - LAST SAVED BY:EMCCAULEY
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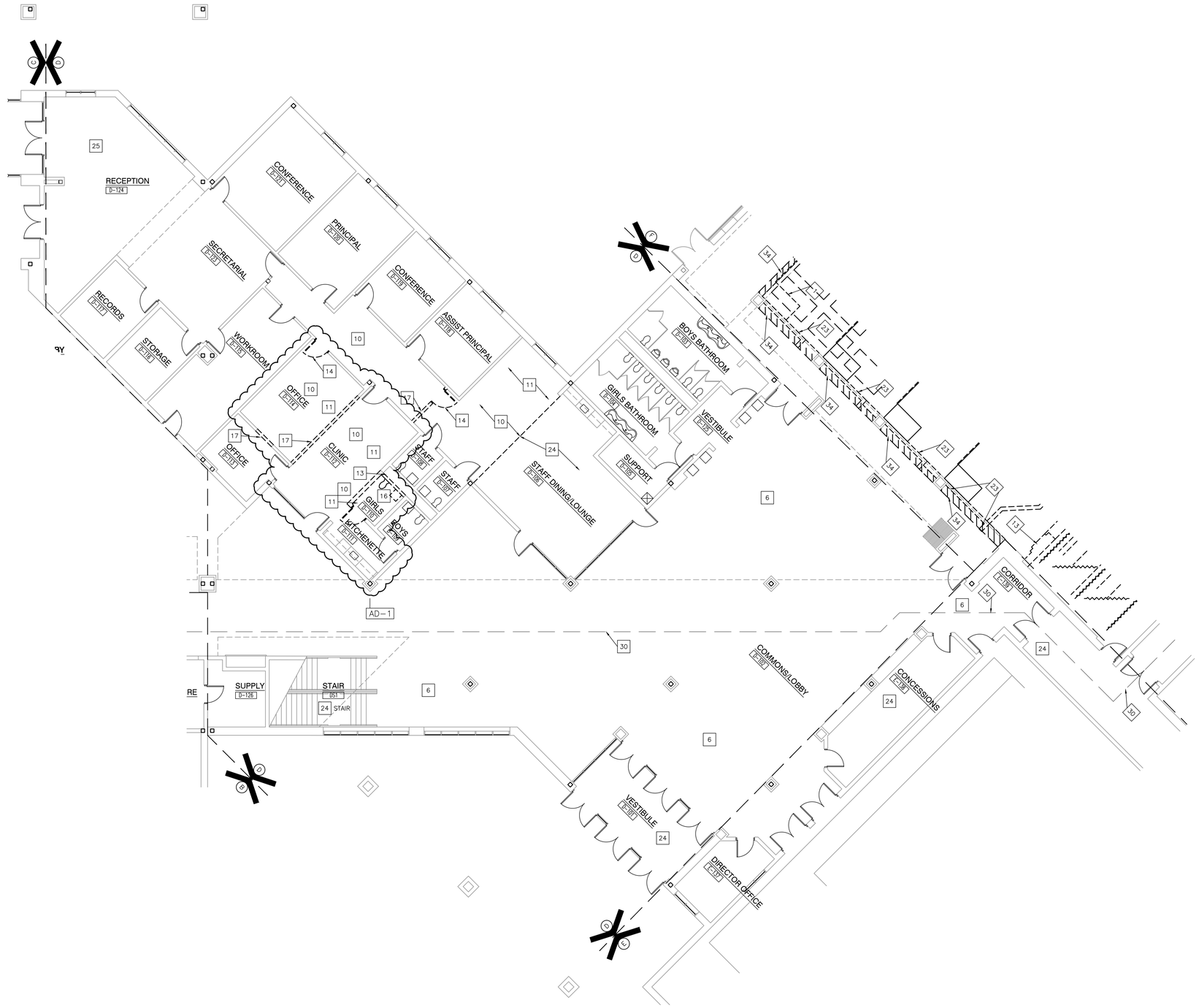

UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.

K. DEMOLITION SHALL BE PERFORMED WITHOUT CAUSING DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO CONTRACTOR DISPOSING OF THEM OFF SITE.

T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

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

1 DEMOLISH EXISTING CONCRETE SLAB.
2 DEMOLISH EXISTING WALL AND FOOTING.
3 DEMOLISH EXISTING STRUCTURAL COLUMN AND/OR BEAM.
4 DEMOLISH EXISTING CURTAIN WALL SYSTEM COMPLETE.
5 DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE. AD-2
6 DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. AD-1
7 DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8 REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY, PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9 REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR REMAINING WALL CONSTRUCTION AS REQUIRED TO ACCEPT NEW FINISHES.
10 REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
11 REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
12 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
13 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE BRICK. PATCH/REPAIR FLOOR/WALL AS REQ'D TO ACCEPT NEW FINISHES.
14 REMOVE DOOR AND HOLLOW METAL DOOR FRAME IN ITS ENTIRETY.
15 EXISTING METAL COLUMN TO REMAIN.
16 REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY, CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE, UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
17 DEMOLISH METAL STUD AND GYPSUM WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION.
18 REMOVE CONCRETE STOOP.
19 APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20 REMOVE METAL WINDOW FRAME.
21 REMOVE ROOF STRUCTURE AND FRAMING.
22 CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23 REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24 EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25 EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26 REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27 REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28 DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29 DEMOLISH BASEBOARD HEATER, CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31 REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32 REMOVE AND SALVAGE FACE BRICK.
33 CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34 GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35 CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36 REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37 REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38 PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39 REMOVE TOILET ACCESSORIES.
40 SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41 REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN.

AD-1

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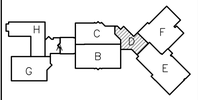
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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Email info@GibraltarDesign.com
Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING
UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
D AD107

Wednesday, 4/6/2022 - 9:04 AM - LAST SAVED BY:EMCCAULEY
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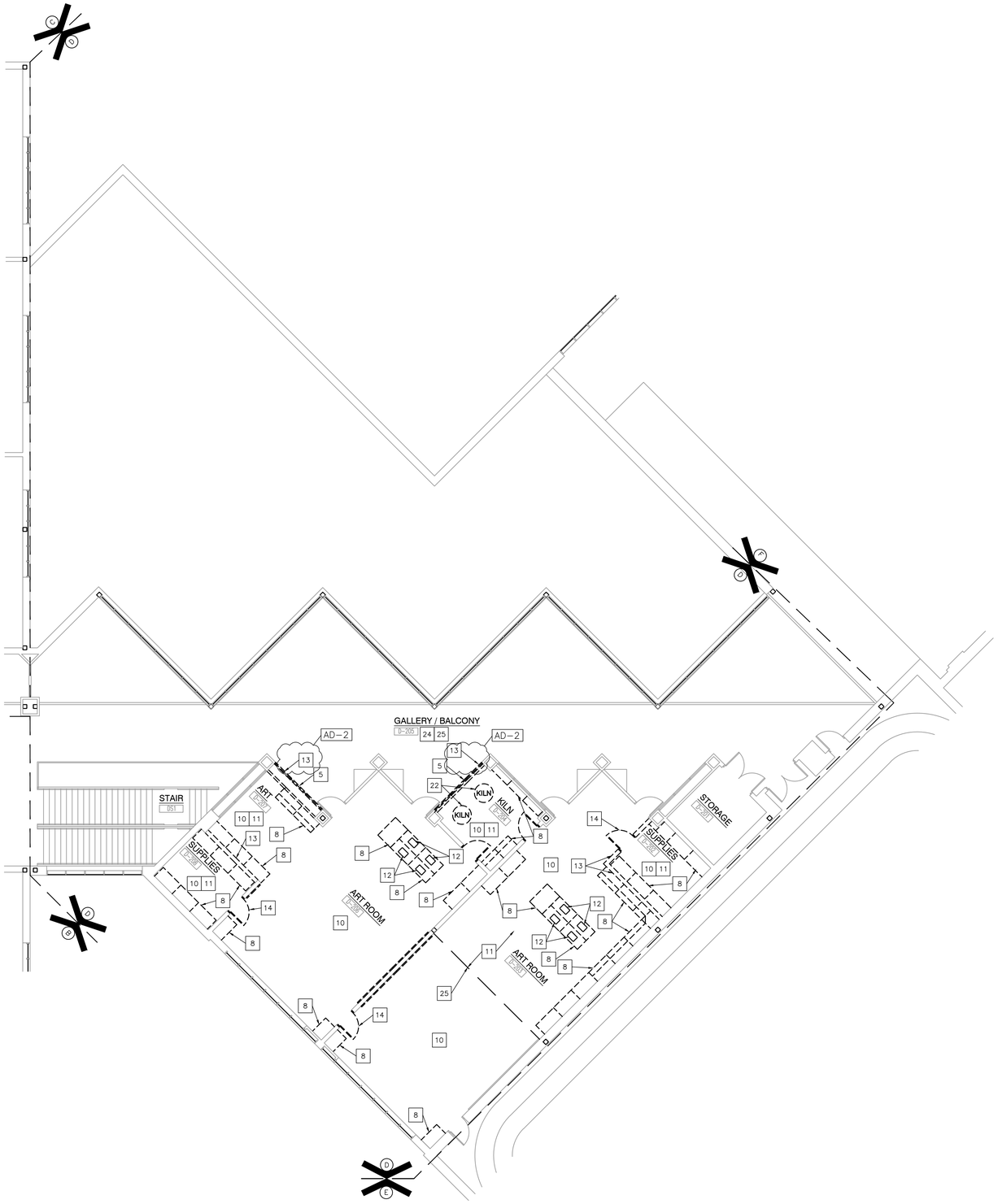

UNIT "D" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

B. UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.

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

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

E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

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

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5 DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE. — AD-2
6 DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. — AD-1
7 DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8 REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
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12 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
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15 EXISTING METAL COLUMN TO REMAIN.
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29 DEMOLISH BASEBOARD HEATER. CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
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34 GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35 CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
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39 REMOVE TOILET ACCESSORIES.
40 SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41 REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN. — AD-1

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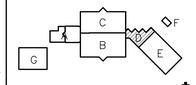
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING

UNIT "D" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET AD108

Wednesday, 4/6/2022 - 8:51 AM - LAST SAVED BY:EMCCAULEY
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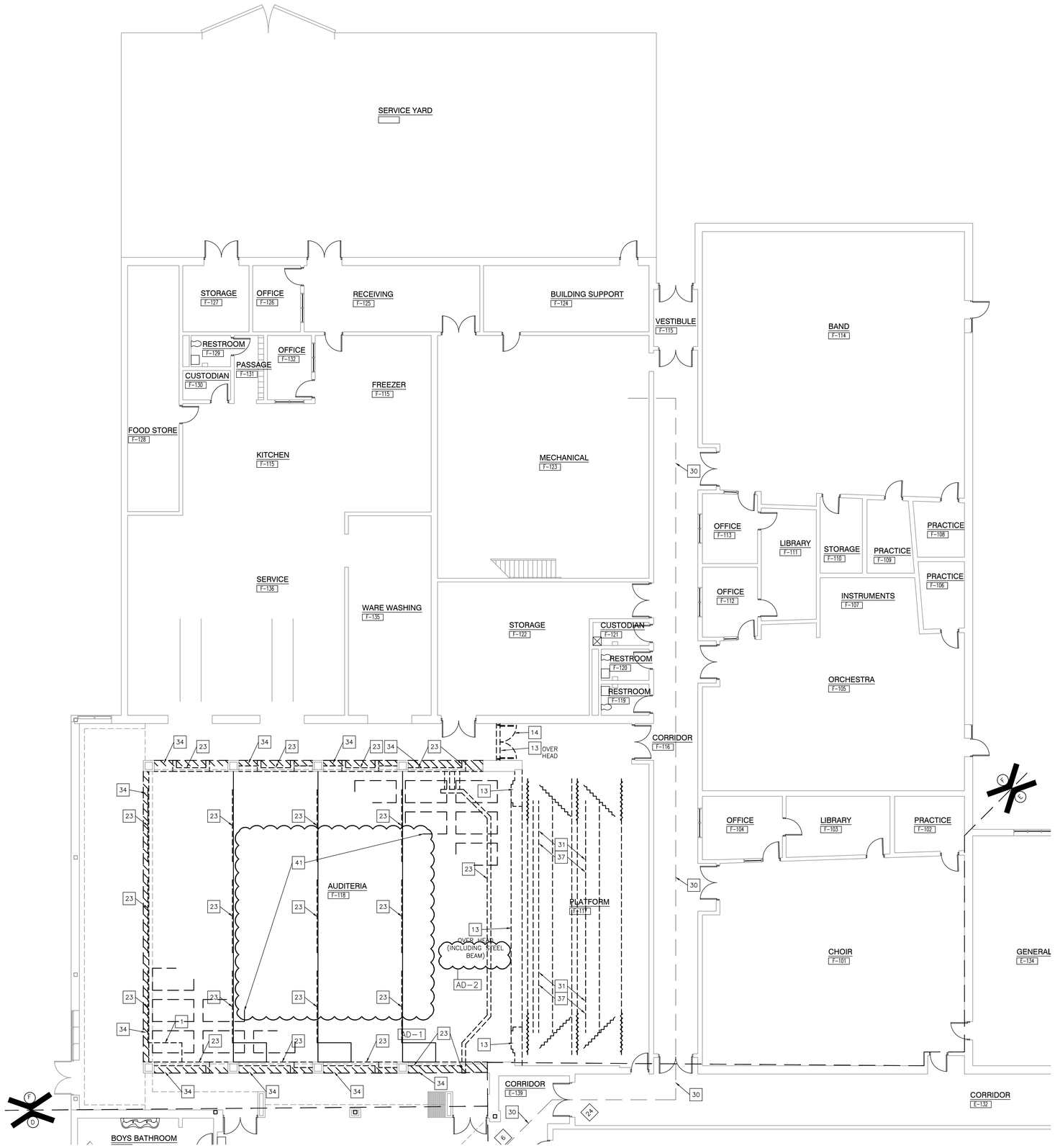

UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

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

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F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

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

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P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO CONTRACTOR DISPOSING OF THEM OFF SITE.

T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

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

1. DEMOLISH EXISTING CONCRETE SLAB.
2. DEMOLISH EXISTING WALL AND FOOTING.
3. DEMOLISH EXISTING STRUCTURAL COLUMN AND/OR BEAM.
4. DEMOLISH EXISTING CURTAIN WALL SYSTEM COMPLETE.
5. DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE. — AD-2
6. DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. — AD-1
7. DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8. REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9. REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR REMAINING WALL CONSTRUCTION AS REQUIRED TO ACCEPT NEW FINISHES.
10. REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
11. REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
12. REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
13. REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE BRICK. PATCH/REPAIR FLOOR/WALL AS REQ'D TO ACCEPT NEW FINISHES.
14. REMOVE DOOR AND HOLLOW METAL DOOR FRAME IN ITS ENTIRETY.
15. EXISTING METAL COLUMN TO REMAIN.
16. REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
17. DEMOLISH METAL STUD AND GYPSUM WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION.
18. REMOVE CONCRETE STOOP.
19. APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20. REMOVE METAL WINDOW FRAME.
21. REMOVE ROOF STRUCTURE AND FRAMING.
22. CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23. REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24. EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25. EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26. REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27. REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28. DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29. DEMOLISH BASEBOARD HEATER. CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30. REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31. REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32. REMOVE AND SALVAGE FACE BRICK.
33. CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34. GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35. CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36. REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37. REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38. PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39. REMOVE TOILET ACCESSORIES.
40. SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41. REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN. — AD-1

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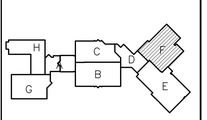
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED ARCHITECT NO. 11600109 STATE OF INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING

UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET F AD111

Wednesday, 4/6/2022 - 8:50 AM - LAST SAVED BY:EMCAULEY
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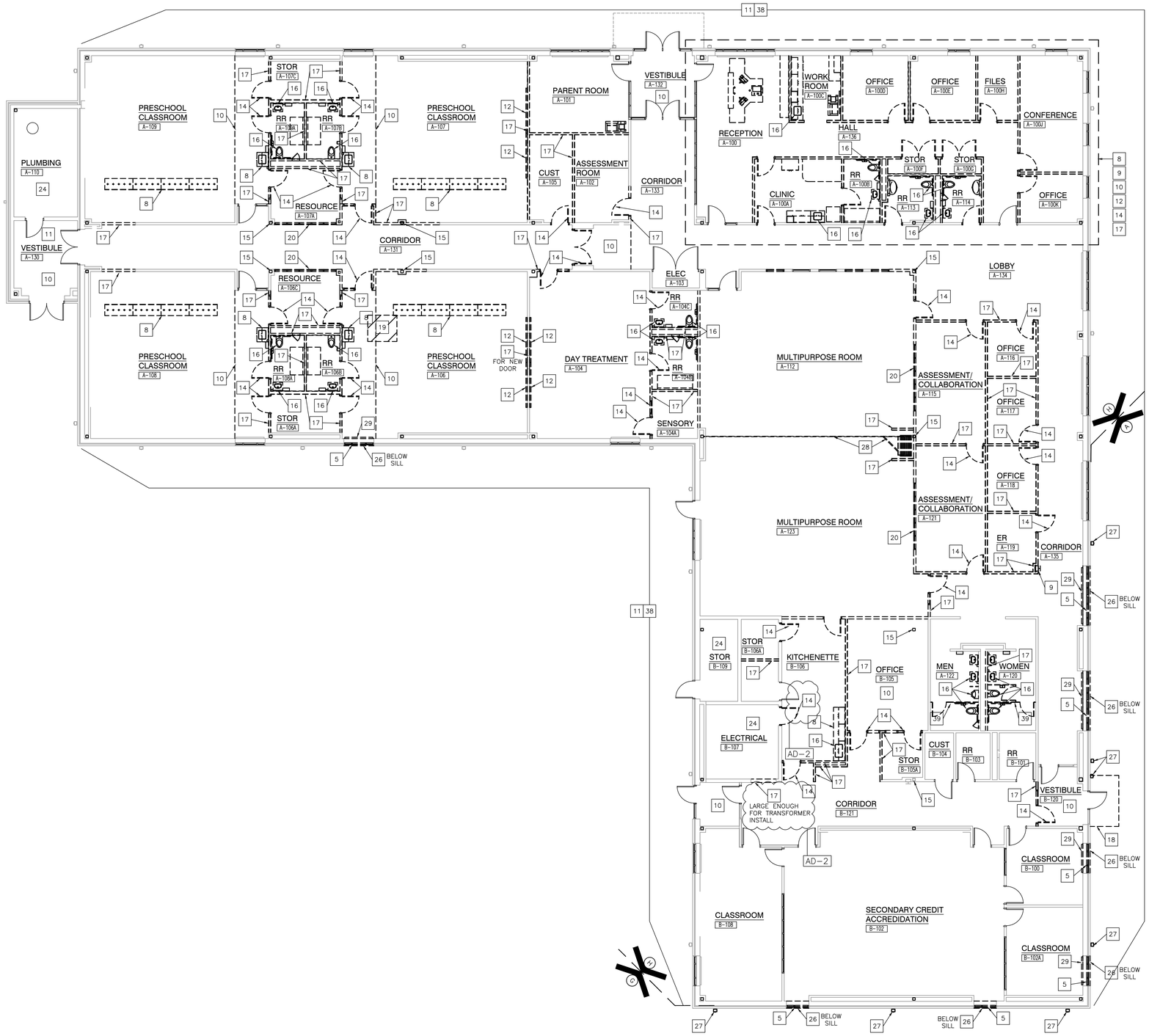

UNIT "H" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.

B. UNLESS NOTED OTHERWISE, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.

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

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

E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.

F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.

G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.

H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).

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

J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.

K. DEMOLITION SHALL BE PERFORMED WITHOUT CAUSING DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.

L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.

M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.

N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO REMOVED.

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.

P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.

Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.

R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.

S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO CONTRACTOR DISPOSING OF THEM OFF SITE.

T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.

U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.

V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION PLAN NOTES:

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

1. DEMOLISH EXISTING CONCRETE SLAB.
2. DEMOLISH EXISTING WALL AND FOOTING.
3. DEMOLISH EXISTING STRUCTURAL COLUMN AND/OR BEAM.
4. DEMOLISH EXISTING CURTAIN WALL SYSTEM COMPLETE.
5. DEMOLISH EXISTING DISPLAY CASE AND WALL COMPLETE. — AD-2
6. DEMOLISH POURED FLOORING SYSTEM TO CONCRETE PAD. — AD-1
7. DEMOLISH EXISTING METAL PAN STAIR, INTERMEDIATE LANDING, RAILINGS, AND HANDRAIL COMPLETE.
8. REMOVE CASEWORK AND/OR MILLWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
9. REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION. PATCH AND REPAIR REMAINING WALL CONSTRUCTION AS REQUIRED TO ACCEPT NEW FINISHES.
10. REMOVE VCT/ SHEET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
11. REMOVE SUSPENDED ACOUSTICAL CEILING SYSTEM COMPLETE.
12. REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
13. REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. SALVAGE BRICK. PATCH/REPAIR FLOOR/WALL AS REQ'D TO ACCEPT NEW FINISHES.
14. REMOVE DOOR AND HOLLOW METAL DOOR FRAME IN ITS ENTIRETY.
15. EXISTING METAL COLUMN TO REMAIN.
16. REMOVE PLUMBING FIXTURE(S) IN THEIR ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS. PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
17. DEMOLISH METAL STUD AND GYPSUM WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION.
18. REMOVE CONCRETE STOOP.
19. APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
20. REMOVE METAL WINDOW FRAME.
21. REMOVE ROOF STRUCTURE AND FRAMING.
22. CAREFULLY REMOVE KILN, CONTROLS AND ASSOCIATED DEVICES IN THEIR ENTIRETY. RELOCATE AS SHOWN ON NEW PLANS
23. REMOVE DECORATIVE RAILING COMPLETE. REFER TO SHEET A-420.
24. EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
25. EXISTING ACOUSTIC CEILING TILE SYSTEM TO REMAIN.
26. REMOVE EXISTING EXTERIOR WALL SYSTEM AS REQUIRED FOR NEW CONSTRUCTION TO 8" BELOW FLOOR SLAB. SALVAGE BRICK.
27. REMOVE DOWNSPOUT AND GUTTER AT INTERFACE WITH NEW ADDITION.
28. DEMOLISH FOLDING WALL PARTITION AND SUPPORTING STRUCTURE ABOVE COMPLETE.
29. DEMOLISH BASEBOARD HEATER. CAP AND ROUTE TO MAINTAIN SYSTEM. REFER TO MECHANICAL DRAWINGS.
30. REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW ELECTRIC FEEDER AND HYDRONIC LINES. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR ELECTRIC FEEDER AND HYDRONIC ROUTING.
31. REMOVE EXISTING WOOD FLOOR SYSTEM. PREPARE FOR NEW CONCRETE.
32. REMOVE AND SALVAGE FACE BRICK.
33. CAREFULLY REMOVE PORTION OF SOFFIT TO ALLOW FOR NEW WORK.
34. GRIND FLOOR AREA TO ALIGN WITH THE COLUMN FACE AWAY FROM THE EXISTING RECESSED FLOOR AREA
35. CUT OUT BLOCK THAT ARE NOT WHOLE AT THE INTERFACE BETWEEN THE REMOVED STAIR AND THE TOP OF THE WALL. PREPARE FOR NEW BLOCK TO EXTEND TO UNDERSIDE OF 2ND FLOOR DECK ABOVE.
36. REMOVE EXISTING ROOF MEMBRANE AS REQUIRED FOR INSTALLATION OF NEW SADDLE.
37. REMOVE ALL BACKSTAGE SYSTEMS COMPLETE, INCLUDING BUT NOT LIMITED TO CURTAIN, LIGHTING, RIGGING, AND FLY SYSTEMS.
38. PREPARE SEALED CONCRETE FOR NEW FLOOR FINISHED (UNO)
39. REMOVE TOILET ACCESSORIES.
40. SELECTIVELY REMOVE AND SALVAGE VCT AND CEILING FOR NEW LOCKER INSTALLATION. REFER TO DETAIL 5/A-420
41. REMOVE HANGING CURVED DRYWALL PANELS (APPROX 63). EXISTING UNISTRUT SUPPORT ATTACHED TO STRUCTURE TO REMAIN. — AD-1

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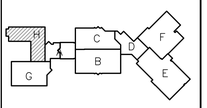
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING
UNIT "H" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
H AD114

Wednesday, 4/6/2022 - 9:00 AM - LAST SAVED BY:EMCCAULEY
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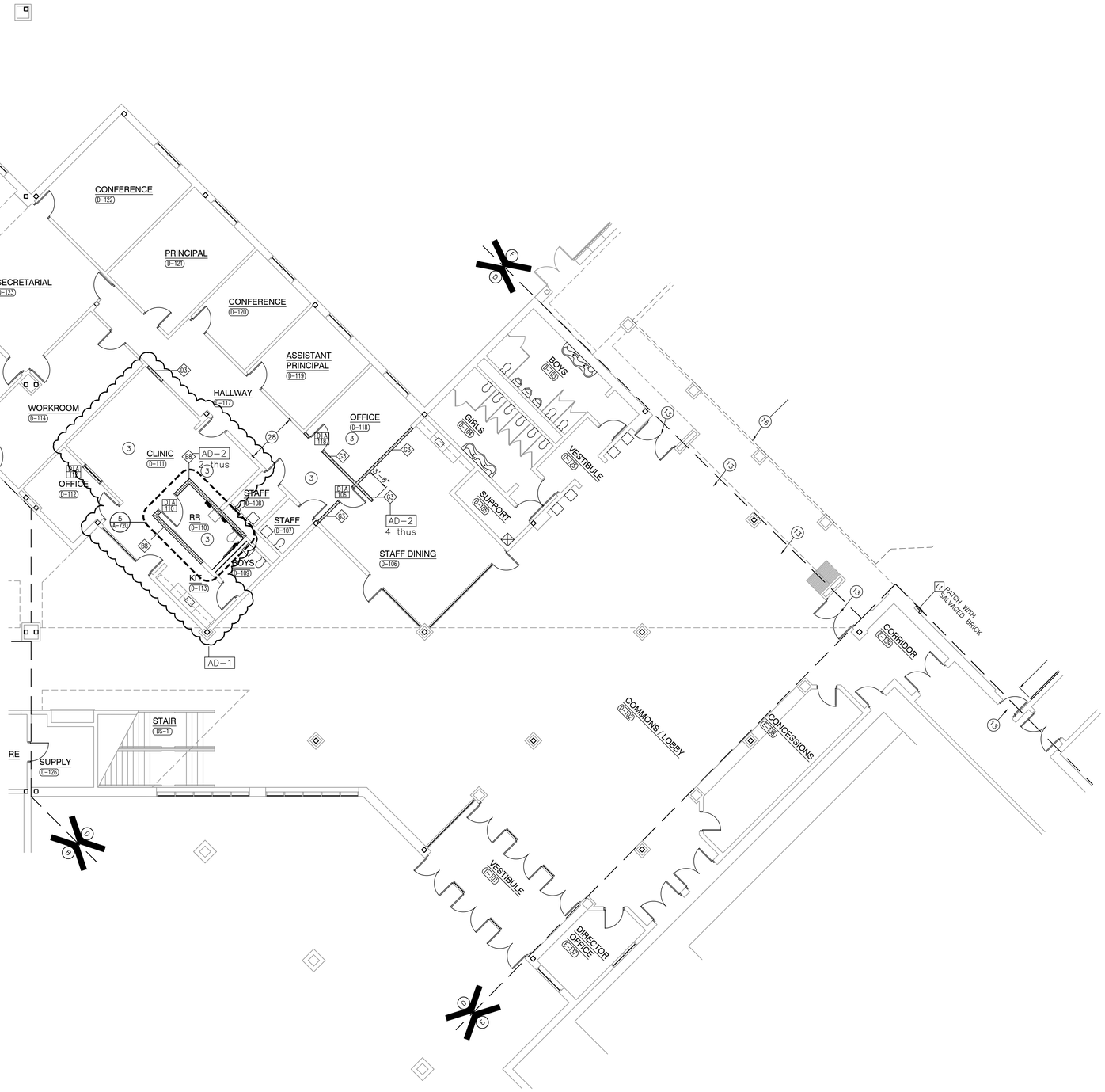

UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

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

NORTH

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0" CONNECTING TO THE EXISTING CLASSROOM BUILDING AT 99'-6". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO A-120 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

AD-2

PLAN NOTES:

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

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL DRAWINGS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES.
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER. POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. 4" CMU INFILL WHERE BRICK VENEER WAS REMOVED.
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES.
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH, REPAIR AND TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. PATCH FLOOR AT NEW DOOR OPENING. INSTALL VCT FROM ATTIC STOCK.
11. SEMI-RECESSED EXTINGUISHER CABINET. — 6 / A-501
12. PUSH PAD FOR ADA OPERATOR.
13. PROVIDE TRANSITION STRIP AT FLOOR FINISH TRANSITION.
14. CONCRETE CURB, 6"W x 6"H.
15. EXPANSION JOINT COVER AT INTERIOR WALL.
16. CONCRETE SLAB OVER EXPANDED FOAM INFILL. REFER TO STRUCTURAL DRAWINGS.
17. EXISTING LOCKERS TO REMAIN
18. INSTALL 1/4" DRYWALL OVER EXISTING WALL. EXTEND WALL DEVICES AS REQUIRED.
19. CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
20. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
21. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN)
22. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
23. ACCESSIBLE ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
25. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
26. CONCRETE INFILL OVER EXISTING CONCRETE SUBFLOOR AT WOOD STAGE UNTIL LEVEL WITH ADJACENT SLAB
27. TRANSITION BETWEEN FACE OF BRICK AND GYPSUM BOARD, 1'-0" FROM CORNER OF ANGLED WALLS.
28. PATCH GYPSUM BOARD WALL TO MATCH ADJACENT SURFACES.
29. NEW METAL LOCKERS. (R)ED, (B)LUE, (G)REEN, INDICATES COLOR. TYPE "A". PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
30. ACCESSIBLE ELECTRIC WATER COOLER (BOTTLE FILLER ONLY), REFER TO PLUMBING DRAWINGS.
31. INFILL EXISTING RECESSED SLAB UNTIL LEVEL WITH ADJACENT SLAB. PREPARE FLOOR PER NOTE 3.
32. 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.
33. GYPSUM WALL COATING ON ENTIRE WALL (ON WALL ABOVE DOORS WHERE APPLICABLE).
34. DISPLAY WALL / MONITOR (TYP), REFER TO EQUIPMENT DRAWINGS.
35. ROLLING COUNTER DOOR. — 7 / A-501
36. RETURN AIR GRILLE COVER. — 10 / A-501
37. CHASE WALL WITH SOLID SURFACE TOP. — 9 / A-501
38. INSTALL NEW 1 1/2" O.D. ANODIZED ALUMINUM HANDRAIL WITH ALUMINUM BRACKETS AT 35" ABOVE SLOPE OF RAMP AND EXTEND RAIL 12" PAST TOP AND BOTTOM OF RAMP AND RETURN ENDS TO WALL.
39. CONCRETE STOOP (SIZE SHOWN) WITH FROST WALL SURROUND. DOWEL 2 VERTICAL REBAR PER SIDE AND 2 BENT BARS AT THE TOP OF THE FOUNDATION WALL. — 15 / A-501
40. FIRE EXTINGUISHER (WALL-MOUNTED).
41. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
42. ADD CMU TO EXISTING CMU WALLS AND EXTEND WALL TO UNDERSIDE OF 2ND FLOOR DECK.
43. SPEAKER ROUGH-IN. — 1A / A-413
44. COLUMN ENCLOSURE — 5 / A-862

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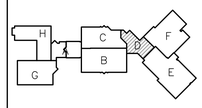
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO. 1
AD-2	4/4/22	ADDENDUM NO. 2

DRAWING

UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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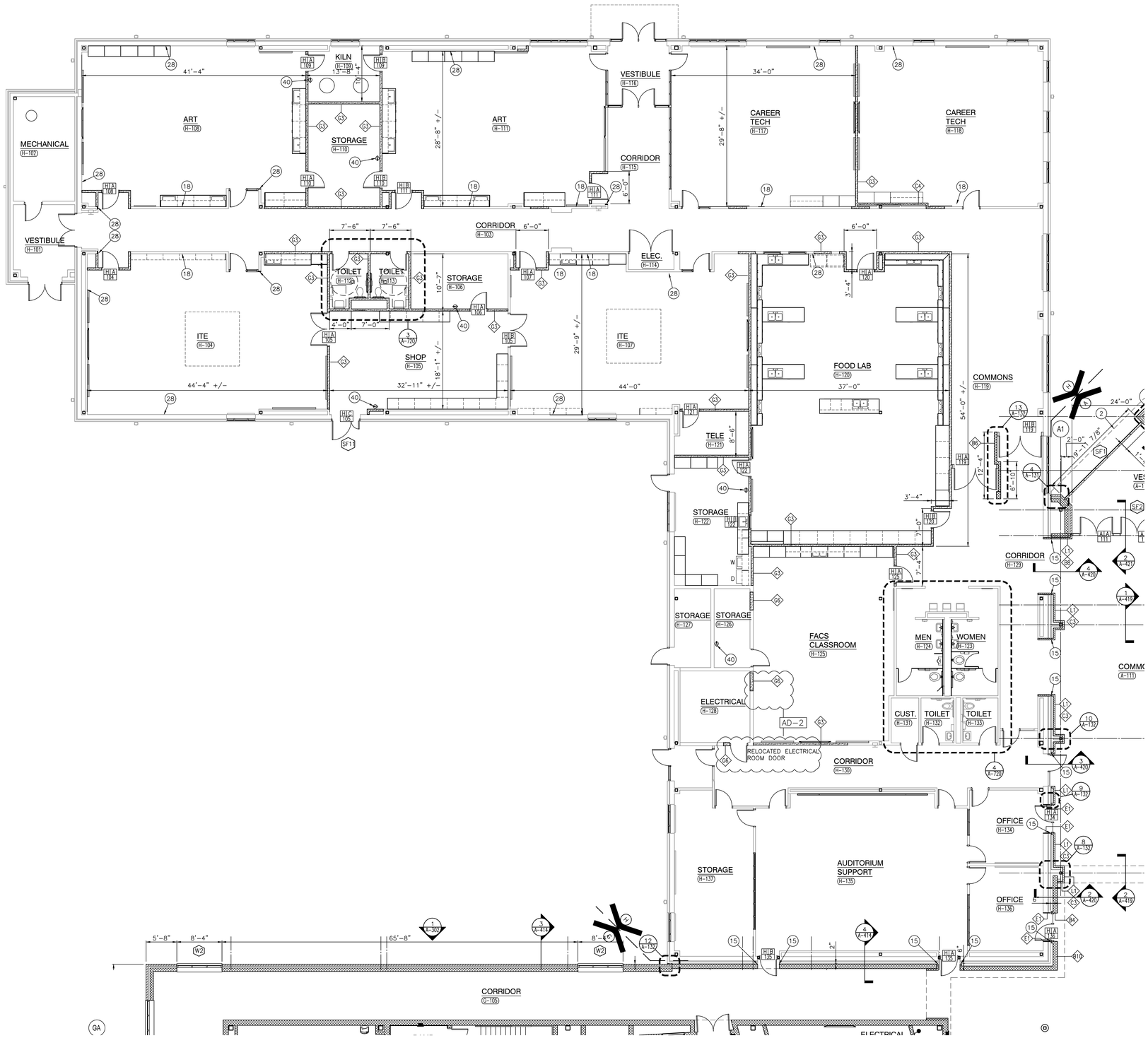
SHEET D A-107

Wednesday, 4/6/2022 - 9:00 AM - LAST SAVED BY:EMCCAULEY
Y:\21-106 CROWN POINT CSC - WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\05 ARCH\A-107.DWG



UNIT "H" ARCHITECTURAL FIRST FLOOR PLAN

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

GENERAL PLAN NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.

B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.

C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.

D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0" CONNECTING TO THE EXISTING CLASSROOM BUILDING AT 99'-6"). REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.

G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.

H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.

I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.

J. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.

K. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

L. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

M. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.

PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO A-120 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

AD-2

PLAN NOTES:

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

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL DRAWINGS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES.
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER. POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
6. WHERE CONNECTING CMU WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
7. 4" CMU INFILL WHERE BRICK VENEER WAS REMOVED.
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES.
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH, REPAIR AND TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. PATCH FLOOR AT NEW DOOR OPENING. INSTALL VCT FROM ATTIC STOCK.
11. SEMI-RECESSED EXTINGUISHER CABINET. — 6/A-501
12. PUSH PAD FOR ADA OPERATOR.
13. PROVIDE TRANSITION STRIP AT FLOOR FINISH TRANSITION.
14. CONCRETE CURB, 6"W x 6"H.
15. EXPANSION JOINT COVER AT INTERIOR WALL.
16. CONCRETE SLAB OVER EXPANDED FOAM INFILL. REFER TO STRUCTURAL DRAWINGS.
17. EXISTING LOCKERS TO REMAIN
18. INSTALL 1/4" DRYWALL OVER EXISTING WALL. EXTEND WALL DEVICES AS REQUIRED.
19. CONCRETE STOOP, PROVIDE SCORED JOINTS ON SURFACE TO ALIGN WITH CONCRETE SIDEWALK JOINTS, REFER TO STRUCTURAL DRAWINGS.
20. CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.
21. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN)
22. CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
23. ACCESSIBLE ELECTRIC WATER COOLER, REFER TO PLUMBING DRAWINGS.
24. CABINET HEATER, REFER TO MECHANICAL DRAWINGS.
25. ROOF CONDUCTOR, REFER TO PLUMBING DRAWINGS.
26. CONCRETE INFILL OVER EXISTING CONCRETE SUBFLOOR AT WOOD STAGE UNTIL LEVEL WITH ADJACENT SLAB
27. TRANSITION BETWEEN FACE OF BRICK AND GYPSUM BOARD, 1'-0" FROM CORNER OF ANGLED WALLS.
28. PATCH GYPSUM BOARD WALL TO MATCH ADJACENT SURFACES.
29. NEW METAL LOCKERS. (R)ED, (B)LUE, (G)REEN, INDICATES COLOR. TYPE "A". PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
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36. RETURN AIR GRILLE COVER. — 10/A-501
37. CHASE WALL WITH SOLID SURFACE TOP. — 9/A-501
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41. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
42. ADD CMU TO EXISTING CMU WALLS AND EXTEND WALL TO UNDERSIDE OF 2ND FLOOR DECK.
43. SPEAKER ROUGH-IN. — 14/A-413
44. COLUMN ENCLOSURE — 5/A-862

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PROJECT
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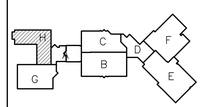
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED ARCHITECT NO. 11600109 STATE OF INDIANA

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING
UNIT "H" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET H
A-114

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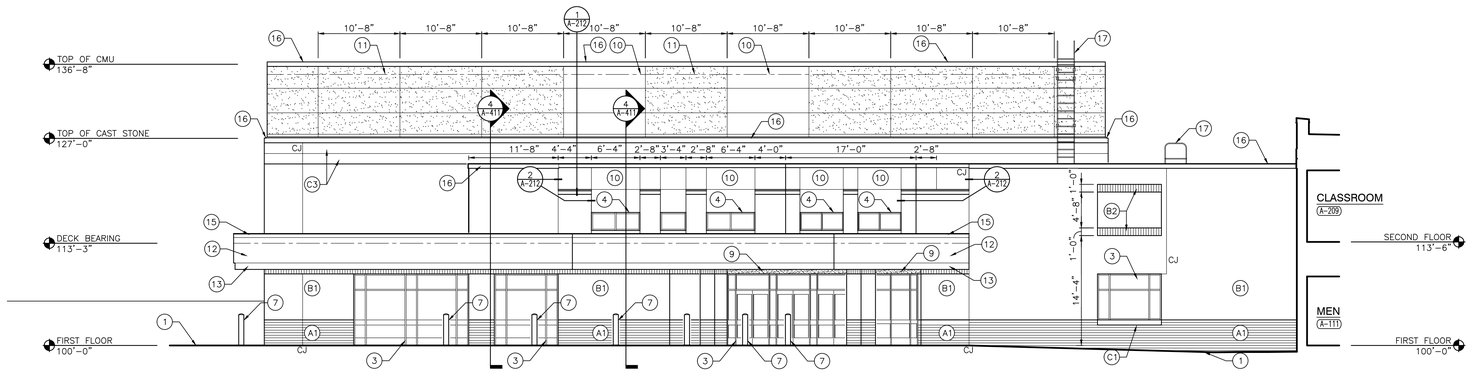
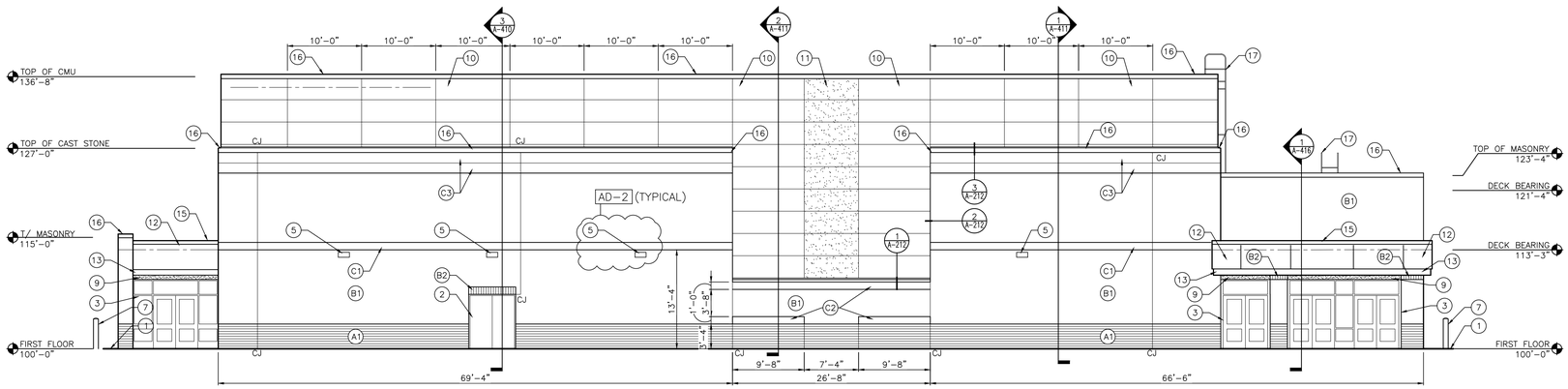


EXTERIOR ELEVATION

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

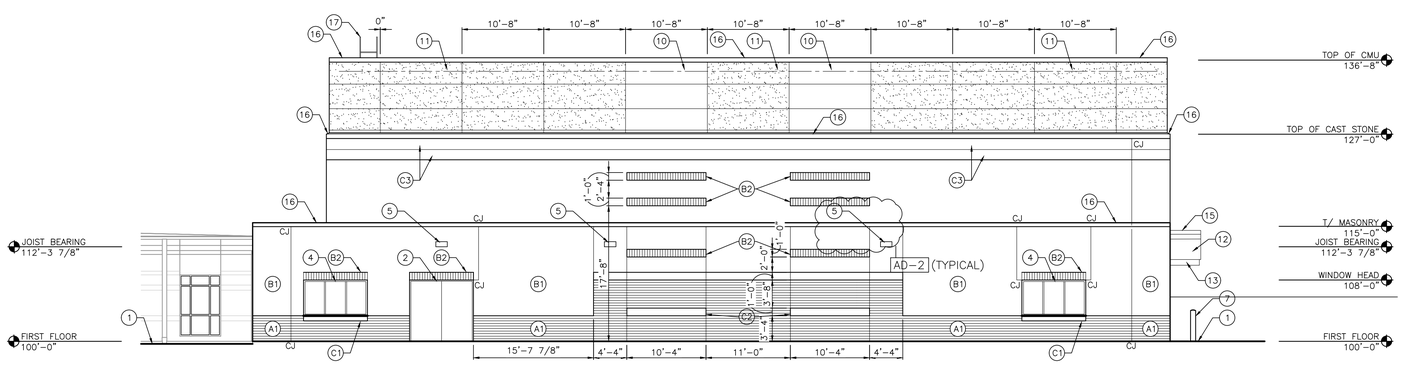
4 / A-301



EXTERIOR ELEVATION

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

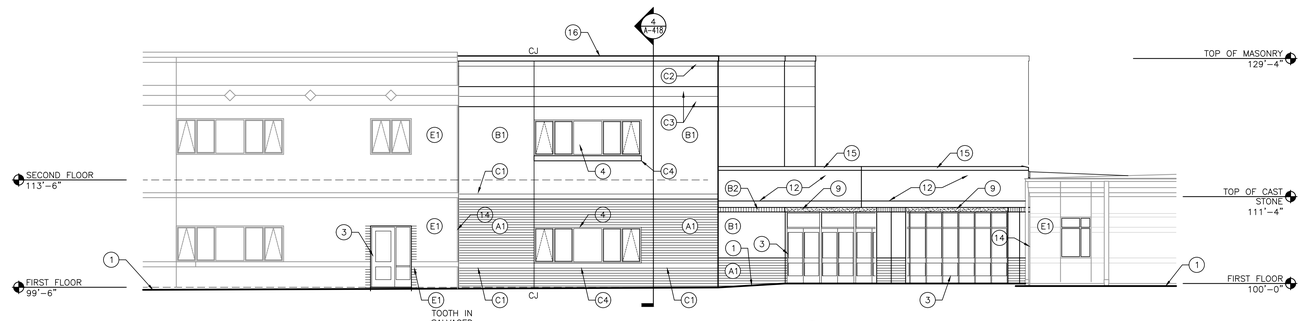
3 / A-301



EXTERIOR ELEVATION

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

2 / A-301



EXTERIOR ELEVATION

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

1 / A-301

GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.

B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.

C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

D. ALL NEW FACE BRICK SHALL BE MODULAR RUNNING BOND UNLESS NOTED OTHERWISE.

E. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.

F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.

G. (CJ) INDICATES CONTROL JOINT. REFER TO STRUCTURAL SHEETS AD-2

H. (EJ) INDICATED BUILDING EXPANSION JOINT. REFER TO SECTIONS

I. ALTERNATE BID: REPLACE ALL SEALANT AND BACKER ROD AT ALL VERTICAL CONTROL JOINTS IN EXISTING EXTERIOR CLASSROOM BUILDING BRICK WALL. REFER TO SHEET A-303. CONTRACTOR TO VERIFY QUANTITY.

J. ALTERNATE BID: REPLACE ALL SEALANT AND BACKER ROD AT ALL WINDOWS AND DOORS IN EXISTING EXTERIOR CLASSROOM BUILDING BRICK WALL. REFER TO SHEET A-303. CONTRACTOR TO VERIFY QUANTITY.

ELEVATION KEY NOTES:

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

1. APPROXIMATE FINISH GRADE. REFER TO CIVIL DRAWINGS.
2. FRP DOOR AND ALUMINUM FRAME.
3. ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS WHERE APPLICABLE.
4. ALUMINUM STOREFRONT SYSTEM (WINDOW) WITH ALUMINUM SILL.
5. WALL PACK LIGHT FIXTURE
6. LOUVER WITH ALUMINUM SILL BY LOUVER MANUFACTURER. PROVIDE INTERMEDIATE SUPPORTS AS REQUIRED BY LOUVER MANUFACTURER.
7. CONCRETE FILLED PIPE BOLLARDS. REFER TO CIVIL SHEETS
8. 16" HIGH ALUMINUM LETTERING. VERIFY NAME WITH OWNER.
9. EXTERIOR INSULATION FINISH SYSTEM (EIFS).
10. INSULATED METAL PANEL SYSTEM, COLOR A.
11. INSULATED METAL PANEL SYSTEM, COLOR B.
12. COMPOSITE METAL PANEL WITH 3/4" REVEALS, COLOR A.
13. COMPOSITE METAL PANEL, COLOR B.
14. 2" EXTERIOR EXPANSION JOINT.
15. METAL COPING, COLOR A. REFER TO ROOF PLAN.
16. METAL COPING, COLOR B. REFER TO ROOF PLAN
17. ROOF LADDER. REFER TO ROOF PLAN.

BRICK & STONE TYPE NOTES:

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

E1 EXISTING FACE BRICK TO REMAIN

AD-2

A1 FACE BRICK (TYPE A1) COLOR A
1/3 RUNNING BOND – 4x4x12 UTILITY

A2 FACE BRICK (TYPE A2) COLOR A
SOLDIER COURSE – 4x4x12 UTILITY

B1 FACE BRICK (TYPE B1) COLOR B
1/3 RUNNING BOND – 4x4x12 UTILITY

B2 FACE BRICK (TYPE B2) COLOR B
SOLDIER COURSE – 4x4x12 UTILITY

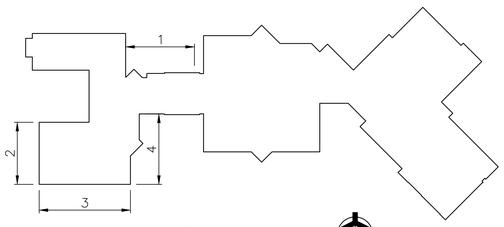
C1 CUT STONE BAND – 7 5/8" HIGH X 3-5/8" DEEP.

C2 CUT STONE BAND – 11 5/8" HIGH X 3-5/8" DEEP.

C3 CUT STONE BAND – 15 5/8" HIGH X 4" DEEP WITH 3/8" BEVEL EDGES.

C4 CUT STONE SILL, REFER TO SECTIONS.

AD-2



ELEVATION KEY PLAN

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING
EXTERIOR ELEVATIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET A-301

Wednesday, 4/6/2022 - 8:25 AM - LAST SAVED BY:EMCCAULEY
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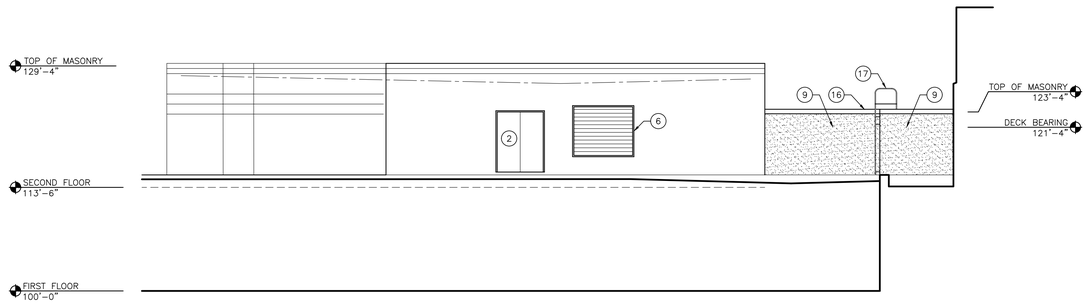
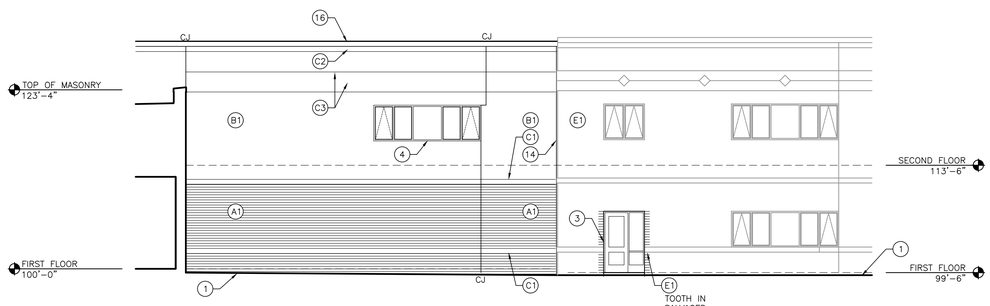


EXTERIOR ELEVATION

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

3 / A-302



EXTERIOR ELEVATION

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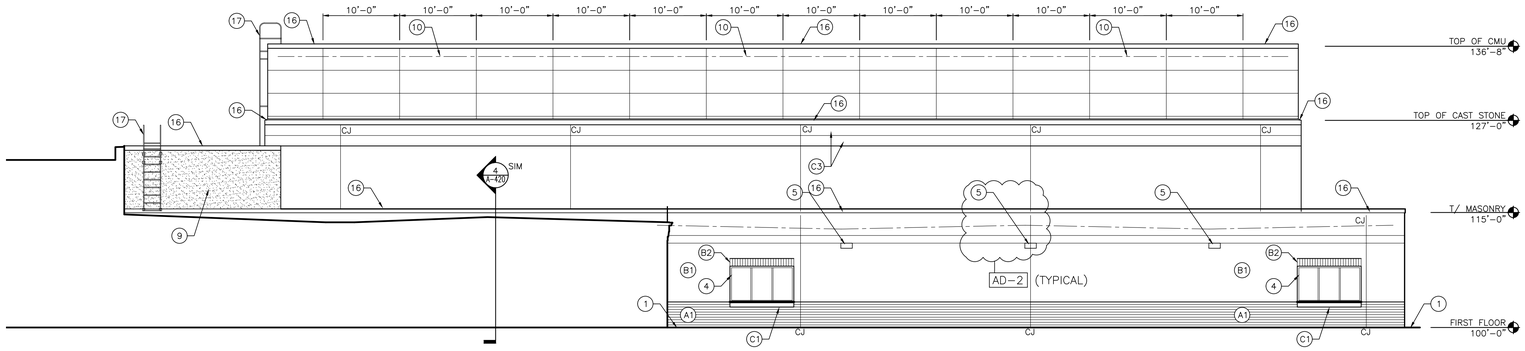
2 / A-302



EXTERIOR ELEVATION

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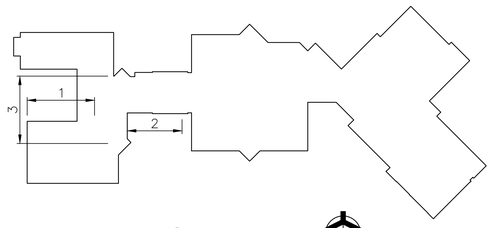
1 / A-302



ELEVATION KEY PLAN

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F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.

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H. (EJ) INDICATED BUILDING EXPANSION JOINT. REFER TO SECTIONS

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10. INSULATED METAL PANEL SYSTEM, COLOR A.
11. INSULATED METAL PANEL SYSTEM, COLOR B.
12. COMPOSITE METAL PANEL WITH 3/4" REVEALS, COLOR A.
13. COMPOSITE METAL PANEL, COLOR B.
14. 2" EXTERIOR EXPANSION JOINT.
15. METAL COPING, COLOR A. REFER TO ROOF PLAN.
16. METAL COPING, COLOR B. REFER TO ROOF PLAN
17. ROOF LADDER. REFER TO ROOF PLAN.

BRICK & STONE TYPE NOTES:

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

E1 EXISTING FACE BRICK TO REMAIN AD-2

A1 FACE BRICK (TYPE A1) COLOR A 1/3 RUNNING BOND – 4x4x12 UTILITY

A2 FACE BRICK (TYPE A2) COLOR A SOLDIER COURSE – 4x4x12 UTILITY

B1 FACE BRICK (TYPE B1) COLOR B 1/3 RUNNING BOND – 4x4x12 UTILITY

B2 FACE BRICK (TYPE B2) COLOR B SOLDIER COURSE – 4x4x12 UTILITY

C1 CUT STONE BAND – 7 5/8" HIGH X 3-5/8" DEEP. AD-2

C2 CUT STONE BAND – 11 5/8" HIGH X 3-5/8" DEEP.

C3 CUT STONE BAND – 15 5/8" HIGH X 4" DEEP WITH 3/8" BEVEL EDGES.

C4 CUT STONE SILL, REFER TO SECTIONS.

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ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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AD-2	4/6/22	ADDENDUM NO. 2

DRAWING
EXTERIOR ELEVATIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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GENERAL ELEVATION NOTES:

A. REFER TO STRUCTURAL DRAWINGS FOR FOUNDATION WALLS AND FOOTINGS.

B. REFER TO FLOOR PLANS FOR EXTERIOR WALL SECTIONS CUTS, UNLESS INDICATED OTHERWISE.

C. FOR LOCATION AND MOUNTING HEIGHTS OF CAMERAS, SPEAKERS, LIGHTS, HORNS, ETC. REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.

D. ALL NEW FACE BRICK SHALL BE MODULAR RUNNING BOND UNLESS NOTED OTHERWISE.

E. FINISH GRADE INDICATED ON ELEVATIONS ARE FOR DRAWING PURPOSES ONLY. REFER TO CIVIL DRAWINGS FOR ACTUAL GRADES. COORDINATE STEPPED FLASHINGS WITH ACTUAL GRADES AS REQUIRED FOR CELL VENTS TO BE ABOVE GRADE.

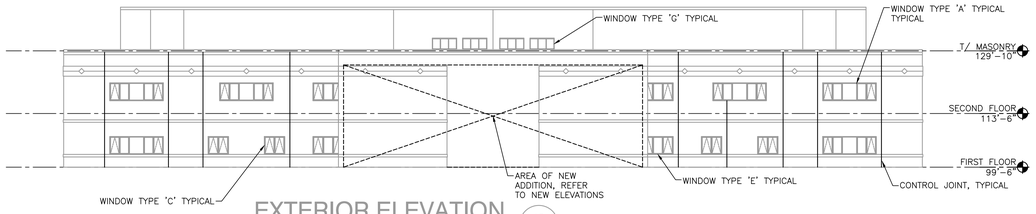
F. STEP BRICK LEDGE DOWN AS REQUIRED FOR LEDGE TO BE BELOW GRADE OR CONCRETE WALK. COORDINATE WITH CIVIL DRAWINGS.

G. (CJ) INDICATES CONTROL JOINT. REFER TO STRUCTURAL SHEETS AD-2

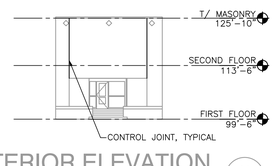
H. (EJ) INDICATED BUILDING EXPANSION JOINT. REFER TO SECTIONS

I. ALTERNATE BID: REPLACE ALL SEALANT AND BACKER ROD AT ALL VERTICAL CONTROL JOINTS IN EXISTING EXTERIOR CLASSROOM BUILDING BRICK WALL. REFER TO SHEET A-303. CONTRACTOR TO VERIFY QUANTITY.

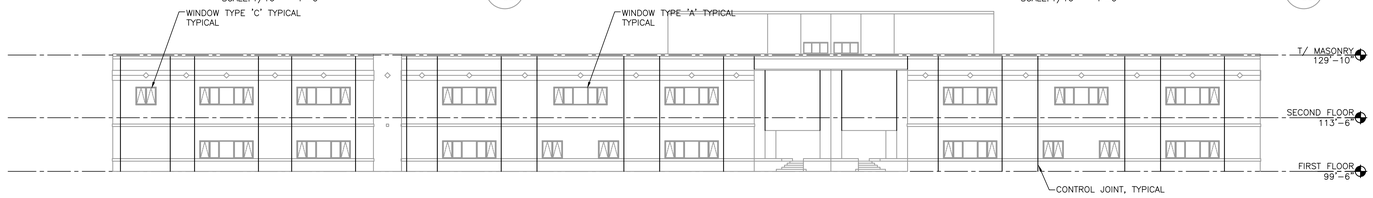
J. ALTERNATE BID: REPLACE ALL SEALANT AND BACKER ROD AT ALL WINDOWS AND DOORS IN EXISTING EXTERIOR CLASSROOM BUILDING BRICK WALL. REFER TO SHEET A-303. CONTRACTOR TO VERIFY QUANTITY.



EXTERIOR ELEVATION 15 A-303
SCALE: 1/16" = 1'-0"



EXTERIOR ELEVATION 14 A-303
SCALE: 1/16" = 1'-0"



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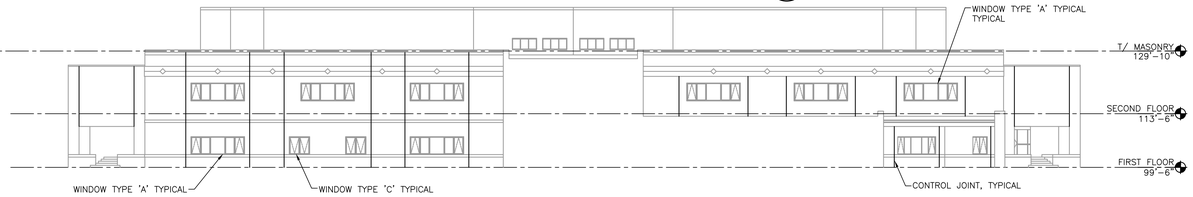

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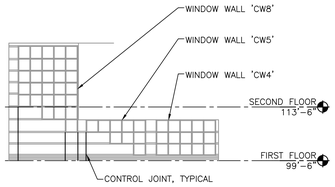
SCALE: 1/16" = 1'-0"



EXTERIOR ELEVATION 11 A-303
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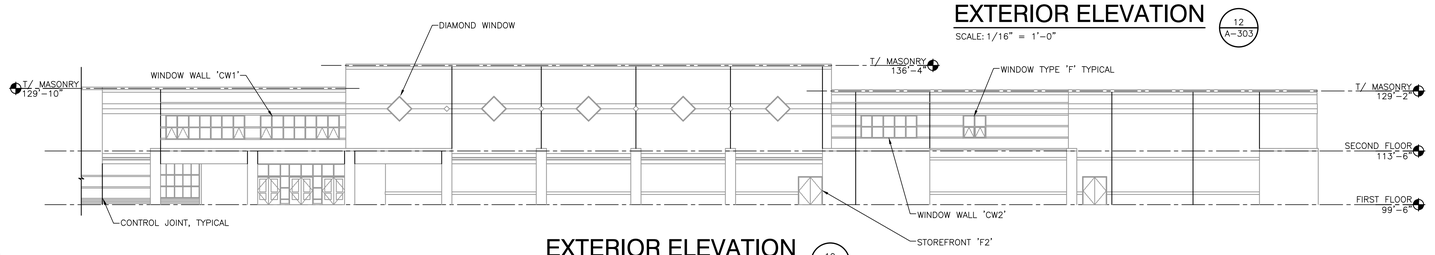

EXTERIOR ELEVATION 10 A-303
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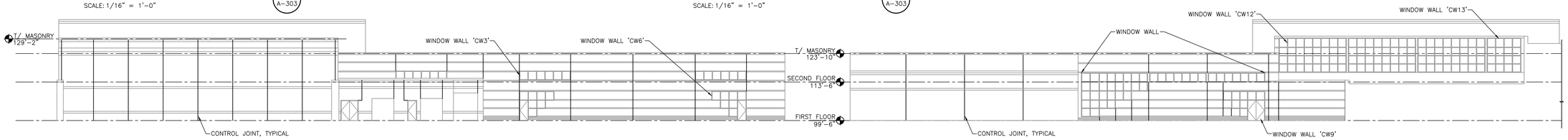
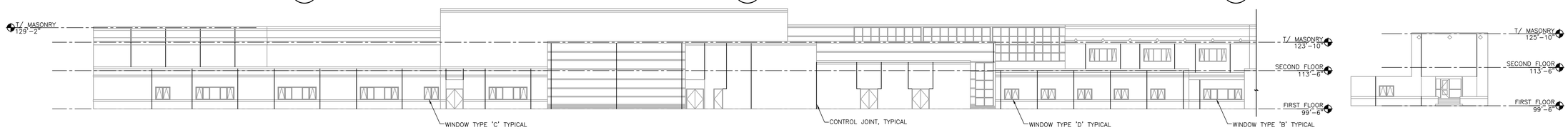


EXTERIOR ELEVATION 9 A-303
SCALE: 1/16" = 1'-0"

EXTERIOR ELEVATION 7 A-303
SCALE: 1/16" = 1'-0"

EXTERIOR ELEVATION 5 A-303
SCALE: 1/16" = 1'-0"

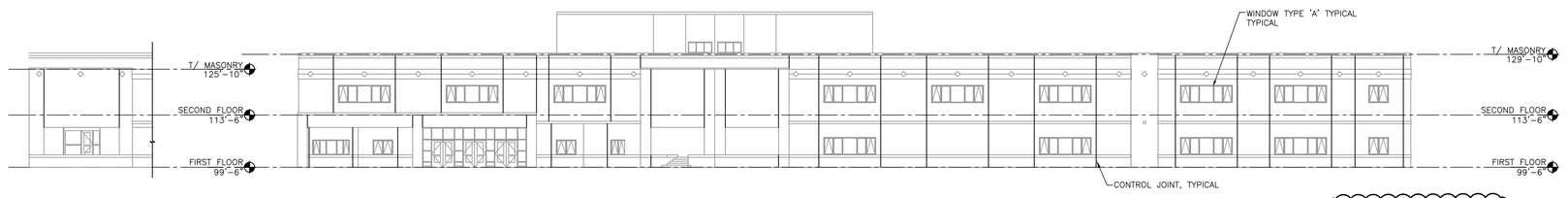


EXTERIOR ELEVATION 8 A-303
SCALE: 1/16" = 1'-0"

EXTERIOR ELEVATION 6 A-303
SCALE: 1/16" = 1'-0"

EXTERIOR ELEVATION 4 A-303
SCALE: 1/16" = 1'-0"

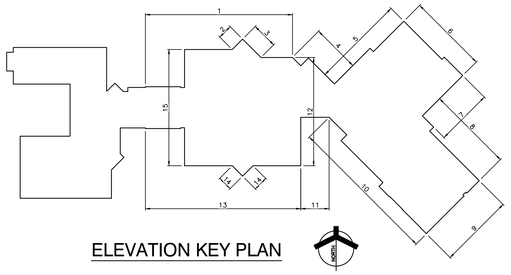
EXTERIOR ELEVATION 3 A-303
SCALE: 1/16" = 1'-0"



EXTERIOR ELEVATION 2 A-303
SCALE: 1/16" = 1'-0"

EXTERIOR ELEVATION 1 A-303
SCALE: 1/16" = 1'-0"

ENTIRE SHEET SHALL BE ADDED TO CONSTRUCTION SET. AD-2



ELEVATION KEY PLAN

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PROJECT
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DATE 3/14/22
COORDINATED BY EJM
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JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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AD-2	4/6/22	ADDENDUM NO. 2

DRAWING
EXISTING EXTERIOR ELEVATIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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A-303

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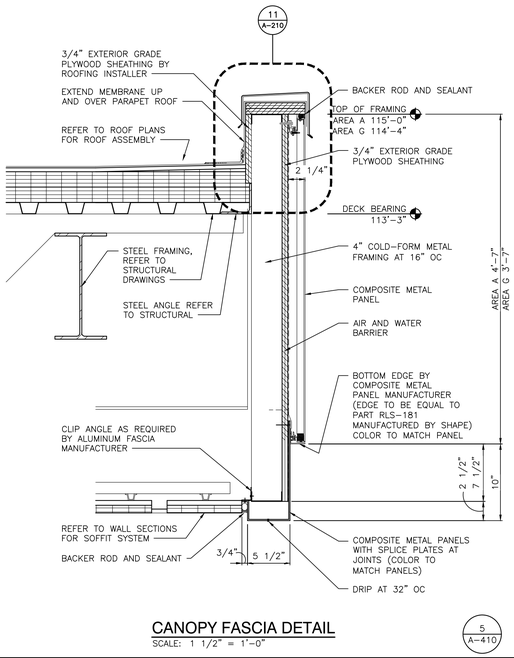
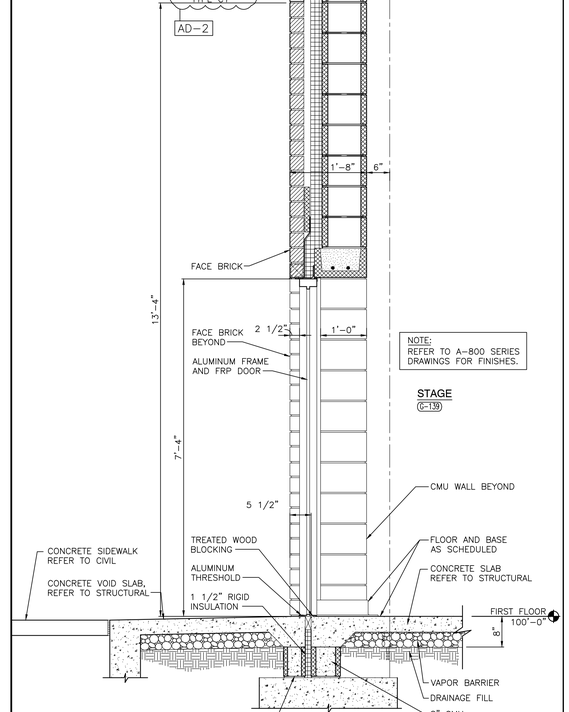


CANOPY FASCIA DETAIL

SCALE: 1 1/2" = 1'-0"

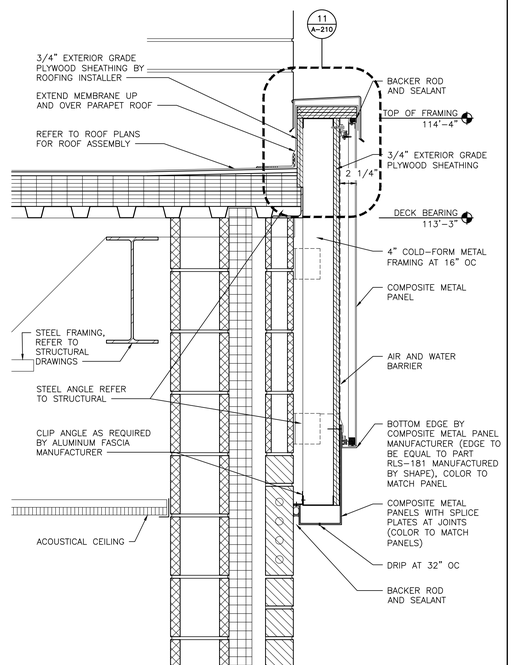
5 A-410

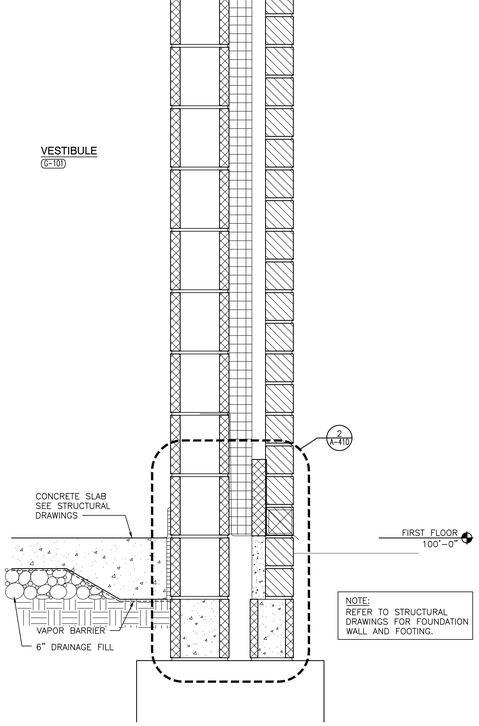


WALL SECTION

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

4 A-410

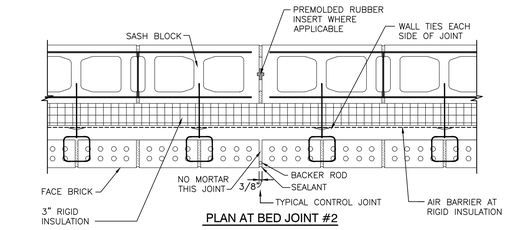




CANOPY FASCIA DETAIL

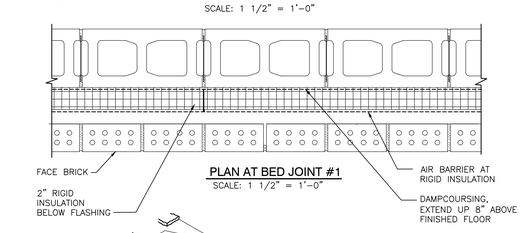
SCALE: 1 1/2" = 1'-0"

3 A-410



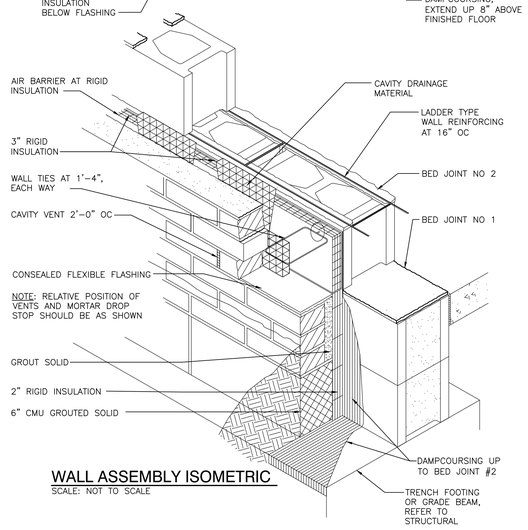
PLAN AT BED JOINT #2

SCALE: 1 1/2" = 1'-0"



PLAN AT BED JOINT #1

SCALE: 1 1/2" = 1'-0"



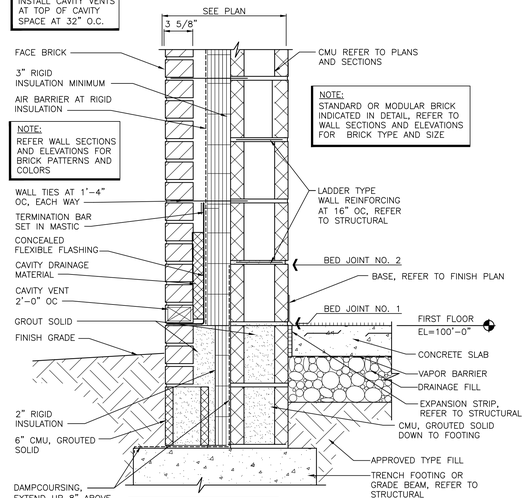
WALL ASSEMBLY ISOMETRIC

SCALE: NOT TO SCALE

DETAIL AT BED JOINT #2

SCALE: FULL SIZE

NOTE:
INSTALL CAVITY VENTS AT TOP OF CAVITY SPACE AT 32" O.C.



NOTE:
INSTALL WATERPROOF MEMBRANE ON ALL VERTICAL AND HORIZONTAL SURFACES OF CONCRETE FOUNDATION WALL

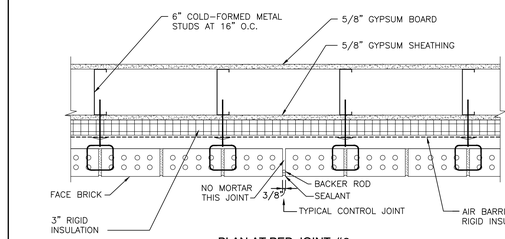
SECTION

SCALE: 1 1/2" = 1'-0"

TYPICAL EXTERIOR MASONRY WALL CONSTRUCTION DETAIL

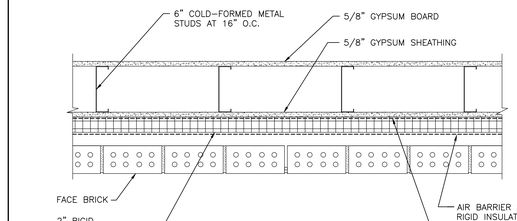
SCALE: AS INDICATED

2 A-410



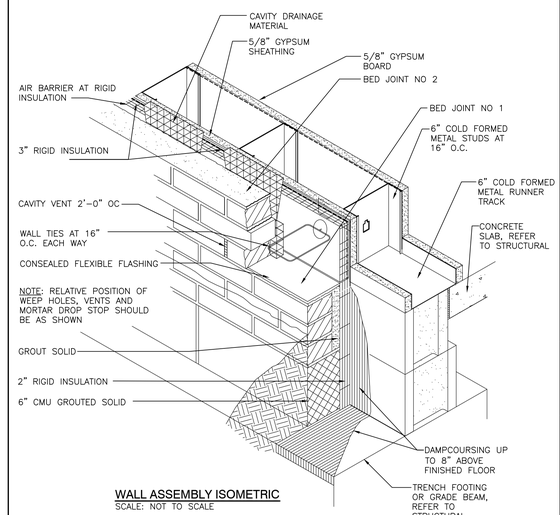
PLAN AT BED JOINT #2

SCALE: 1 1/2" = 1'-0"



PLAN AT BED JOINT #1

SCALE: 1 1/2" = 1'-0"



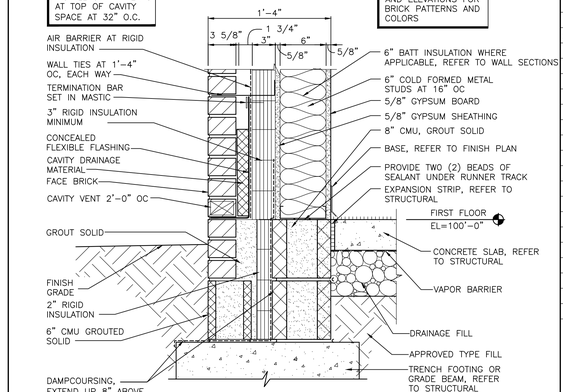
WALL ASSEMBLY ISOMETRIC

SCALE: NOT TO SCALE

NOTE:
STANDARD OR MODULAR BRICK INDICATED IN DETAIL, REFER TO WALL SECTIONS AND ELEVATIONS FOR BRICK TYPE AND SIZE

NOTE:
INSTALL CAVITY VENTS AT TOP OF CAVITY SPACE AT 32" O.C.

NOTE:
REFER WALL SECTIONS AND ELEVATIONS FOR BRICK PATTERNS AND COLORS



SECTION

SCALE: 1 1/2" = 1'-0"

TYPICAL EXTERIOR METAL STUD WALL CONSTRUCTION DETAIL

SCALE: AS INDICATED

1 A-410

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AD-2	4/6/22	ADDENDUM NO. 2

DRAWING

WALL SECTIONS

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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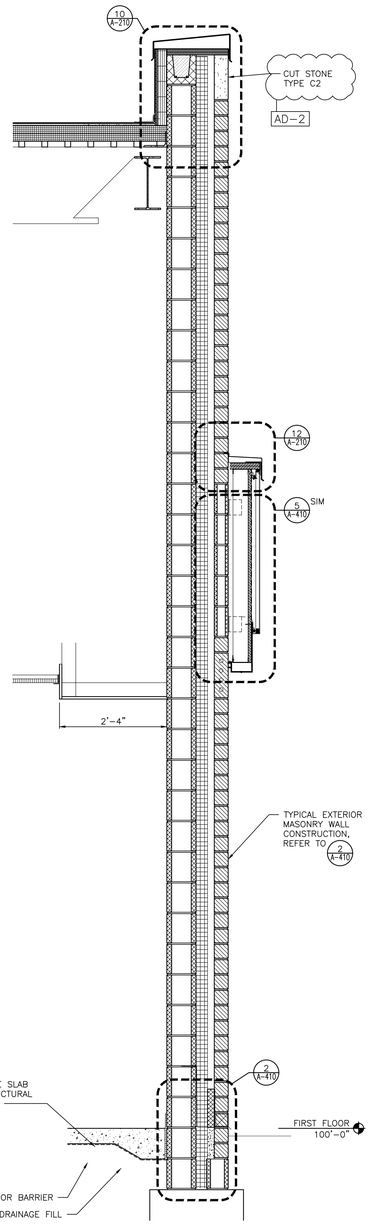
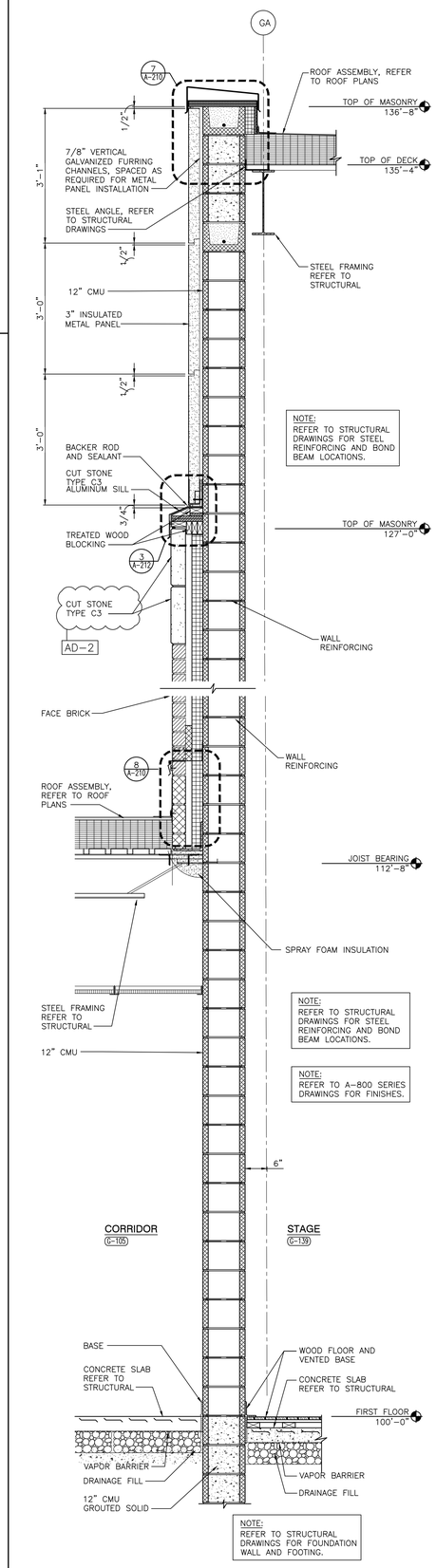


WALL SECTION

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

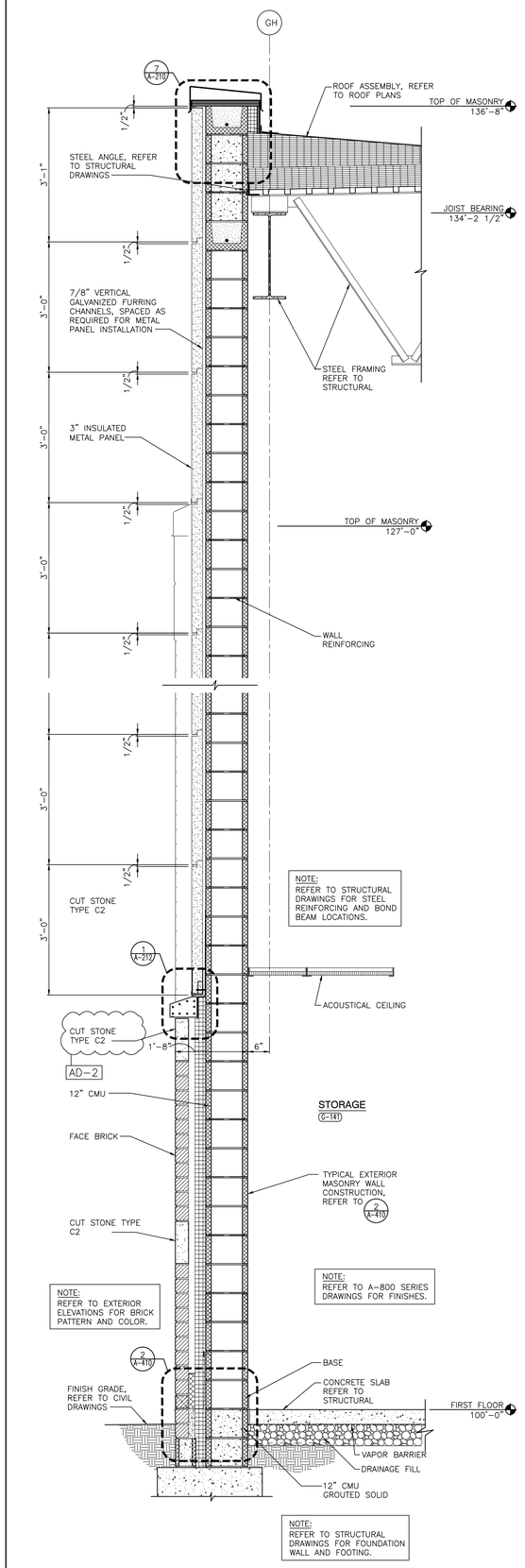
4
A-411



WALL SECTION

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

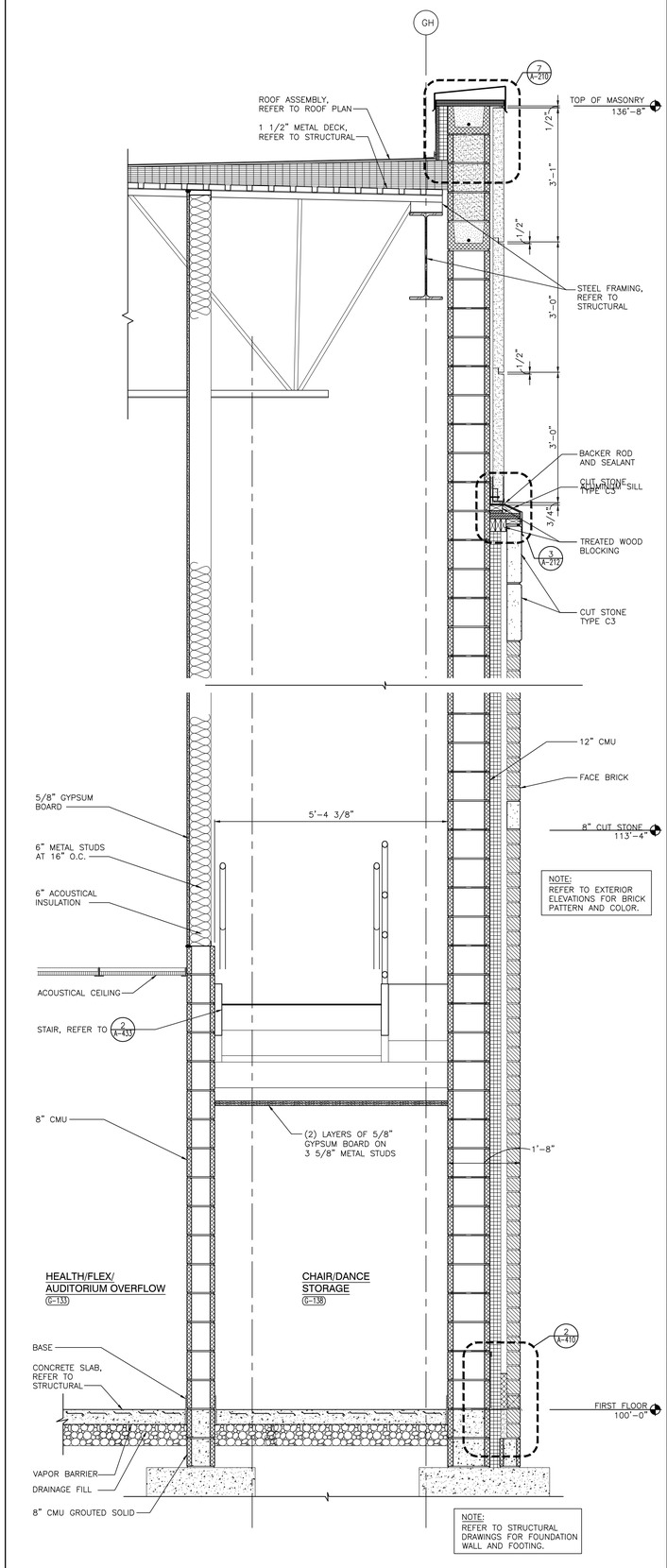
3
A-411



WALL SECTION

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

2
A-411



WALL SECTION

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

1
A-411

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PROJECT

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CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS
REGISTERED
NO. 11600109
STATE OF INDIANA
ARCHITECT

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DRAWING
WALL SECTIONS

PROJECT
COLONEL JOHN WHEELER
MIDDLE SCHOOL ADDITION,
RENOVATION AND RELATED WORK

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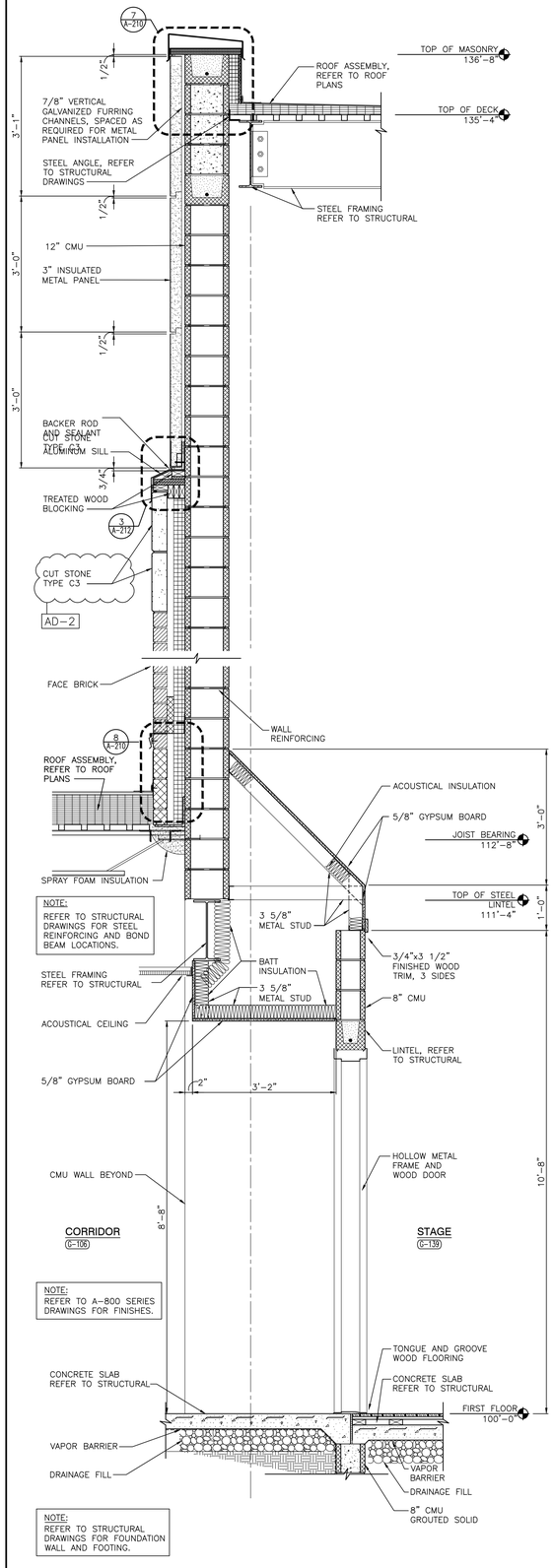
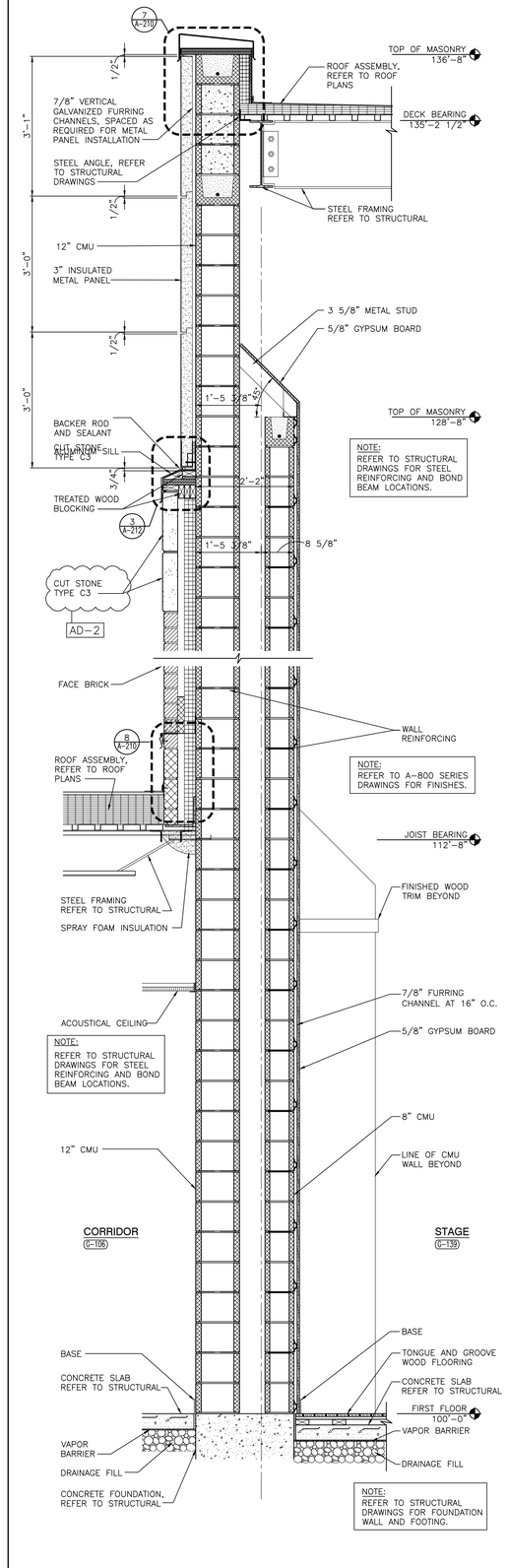
ARCH\A-411.DWG



WALL SECTION

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

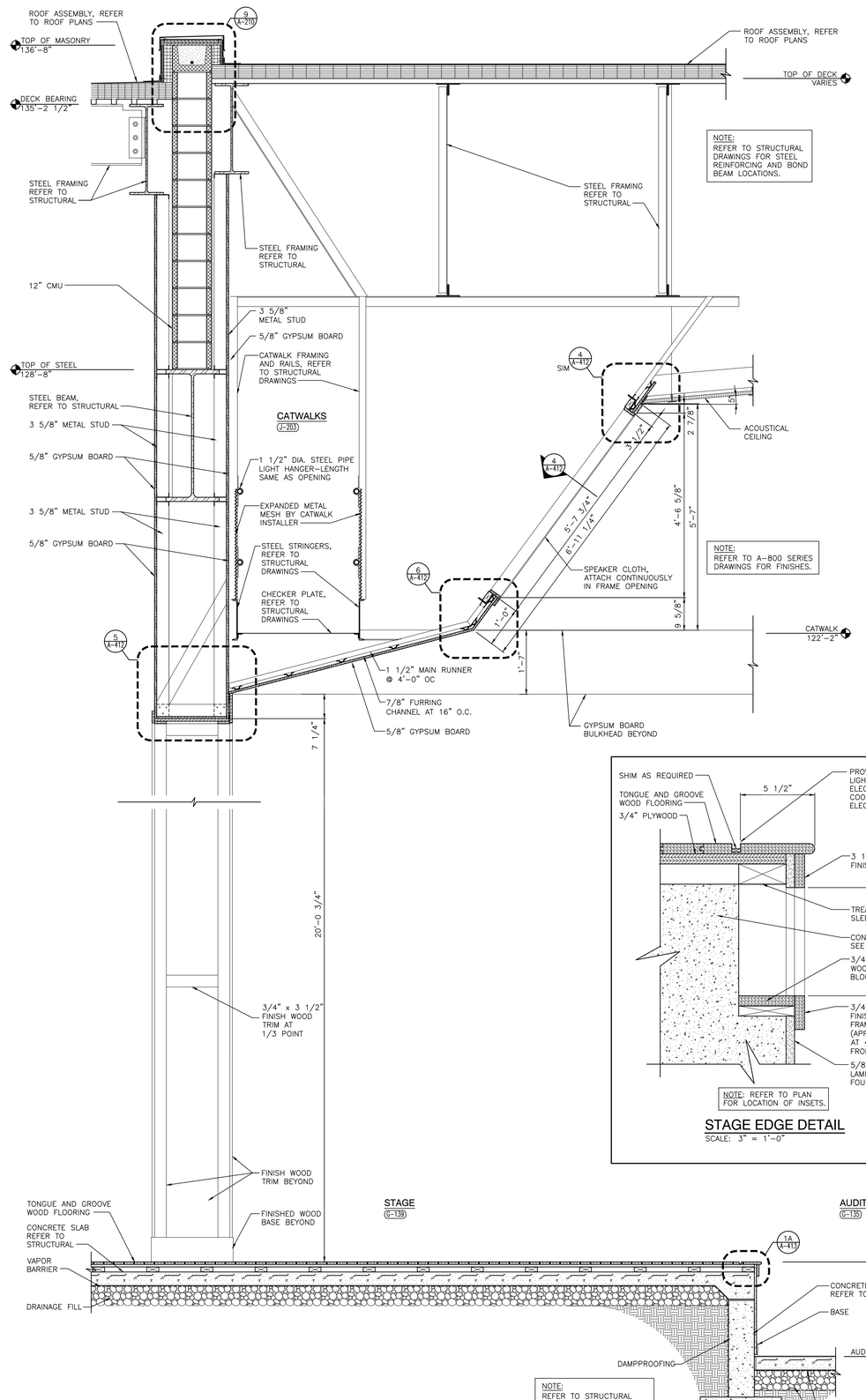
3 A-413



WALL SECTION

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

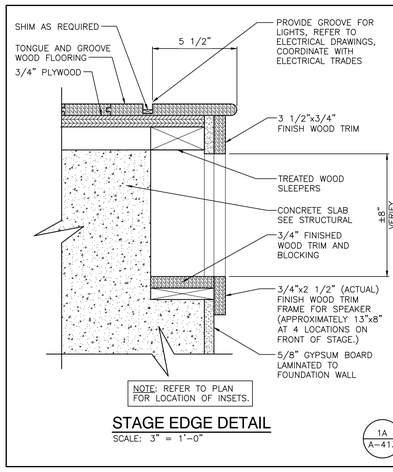
2 A-413



WALL SECTION

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

1 A-413



STAGE EDGE DETAIL

SCALE: 3" = 1'-0"

1A A-413

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN
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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY EJM PCD
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	4/6/22	ADDENDUM NO. 2

DRAWING

WALL SECTIONS

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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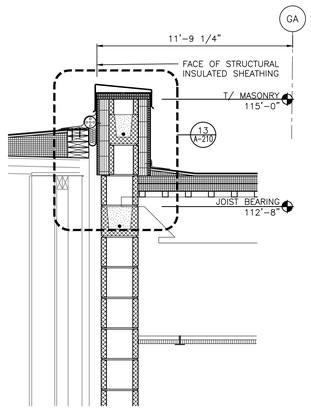
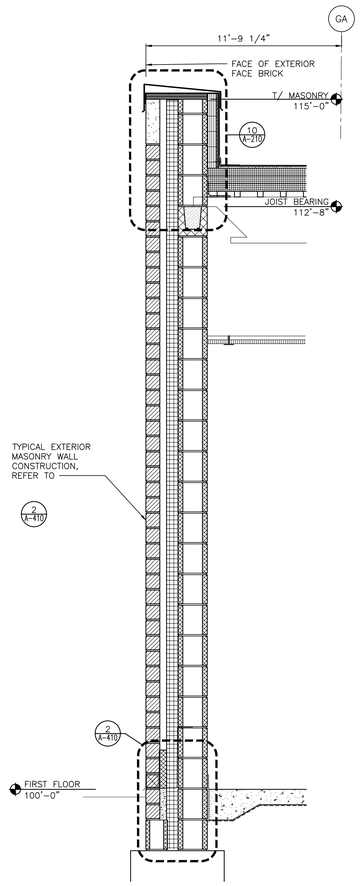


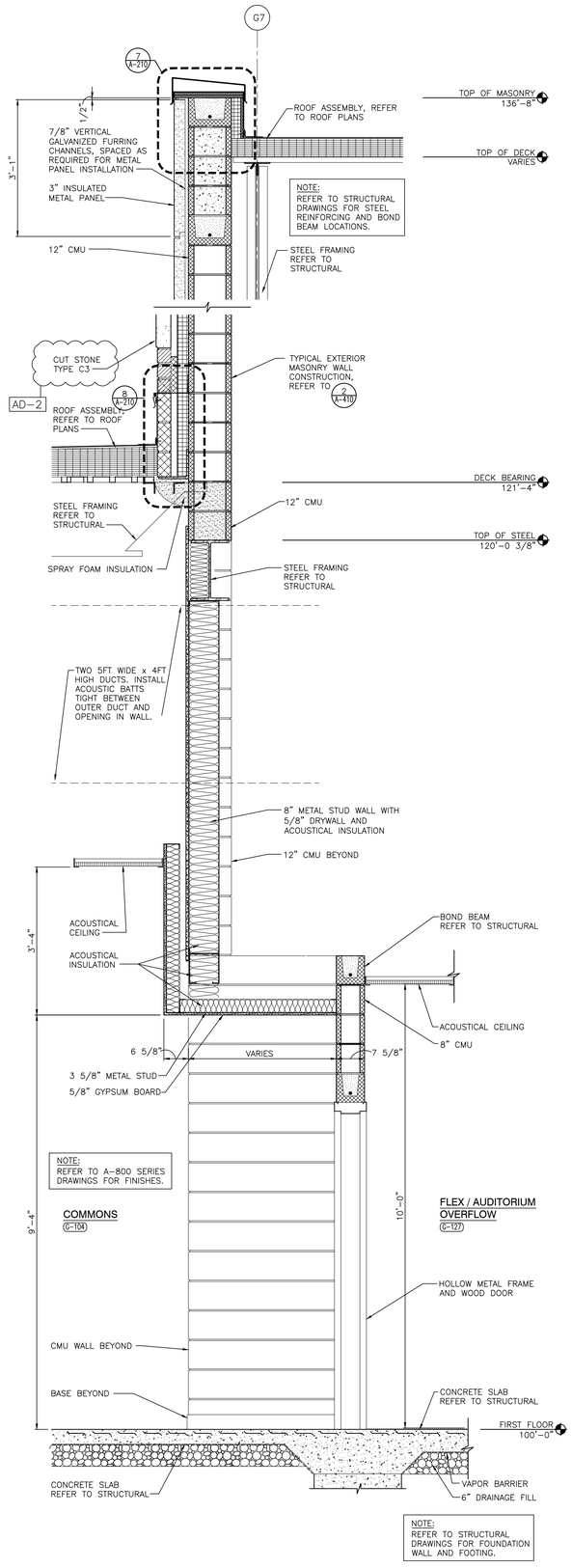
WALL SECTION
SCALE: 3/4" = 1'-0"

4 A-414



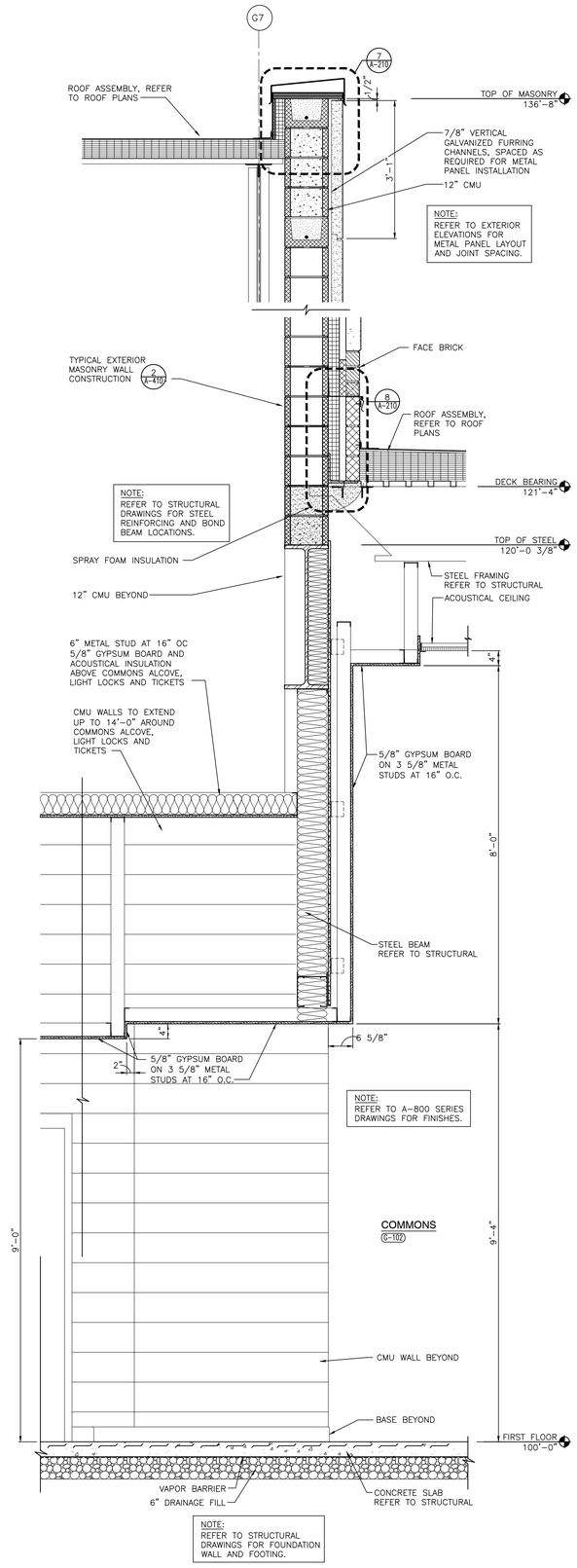
WALL SECTION
SCALE: 3/4" = 1'-0"

3 A-414



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

2 A-414



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

1 A-414

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
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DRAWING
WALL SECTIONS

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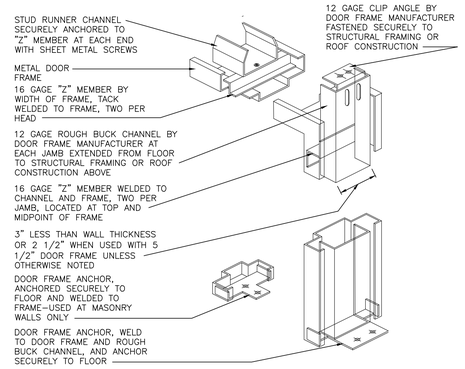
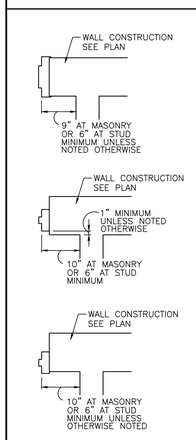
DOOR NOTES

1. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. SEE ROOM FINISH SCHEDULE FOR WALL FINISHES.
2. SEAL ALL JAMBS AND HEADS ONLY WHERE FRAMES MEET EXPOSED MASONRY.
3. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOORS AND WHERE OTHERWISE NOTED. SCRIBE MOLD TO BE 3/8" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.
4. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
5. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.
6. NOTE: 1/4" SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.
7. WHERE 4 1/2" WIDE ALUMINUM STOREFRONT IS TO REPLACE 5 1/2" HOLLOW METAL FRAME, POSITION FRAME AND 3/4" X 3/4" X 1/8" ALUMINUM TRIM ANGLES TO COVER ORIGINAL LOCATION.



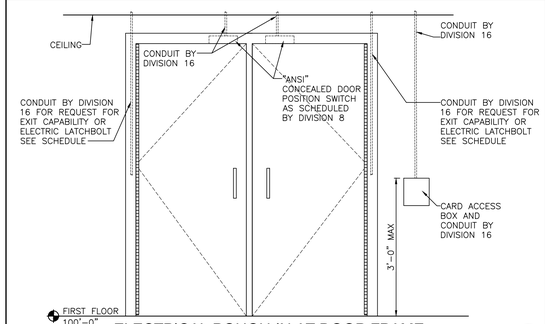
TYPICAL HEAD & JAMB ANCHORAGE
SCALE: NTS

4 A-601



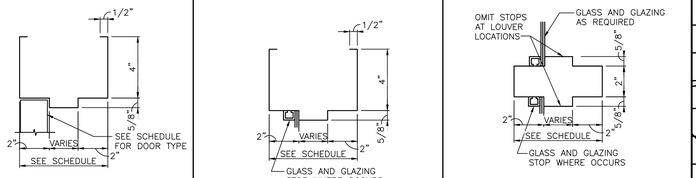
FRAME MOUNTING DETAILS
SCALE: NTS

3 A-601

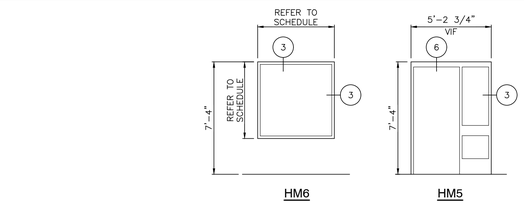


ELECTRICAL ROUGH-IN AT DOOR FRAME
SCALE: 3/4" = 1'-0"

2 A-601



FRAME PROFILES



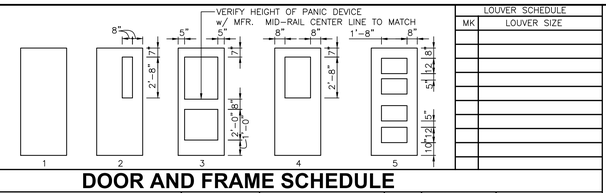
HOLLOW METAL ELEVATIONS (HM)
SCALE: 1/4" = 1'-0"

1 A-601

FIRST FLOOR

GLASS SCHEDULE

MK	GLASS TYPES	MK	GLASS TYPES
A	1/4" TEMPERED (CLEAR)	F	1/2" OR 5/8" ACOUSTIC LAMINATED SAFETY GLASS
B	1" INSUL. GLASS (TINTED)	G	1/2" LAMINATED SAFETY GLASS (ONE WAY MIRROR TINT)
C	1" INSUL. GLASS (CLEAR)	H	OUTER LAYER TYPE "F", 1/2" SEALED AIR SPACE, AND INNER LAYER TYPE "F" (SINGLE UNIT – CLEAR)
D	1" INSUL. SPANDREL GLASS (TINTED)	T	1" INSUL. TRANSLUCENT GLASS (TINTED)
E	1/4" LAMINATED SAFETY GLASS (CLEAR)		



LOUVER SCHEDULE

MK	LOUVER SIZE

DOOR AND FRAME SCHEDULE

NO.	DESCRIPTION	DOOR TYPE	DOOR SIZE (WxH) (INCHES)	DOOR MATERIAL	DOOR LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A 103–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
A 103–B	AL SINGLE	3	36 x 86	AL		B	B		AL	4 1/2"	SF12				
A 107–A	AL SINGLE	3	36 x 86	AL		B	B		AL	4 1/2"	SF12				
A 109–A	DOUBLE	2	PR 44 x 84	WD		E			HM	8 3/4"	HM4				
A 109–B	SINGLE	2	44 x 84	WD		E			HM	8 3/4"	HM4				
A 110–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
A 111–A	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF2				
A 111–B	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF2				
A 111–C	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF2				
A 112–A	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF1				
A 112–B	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF1				
A 112–C	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF1				
A 113–A	SINGLE	1	36 x 84	WD					HM	6 3/4"	HM2				
A 113A–A	SINGLE	1	36 x 84	WD					HM	6 3/4"	HM2	AD–1			
A 116–A	SINGLE	1	36 x 84	WD					HM	6 3/4"	HM2				
A 117–A	SINGLE	1	36 x 84	WD					HM	6 3/4"	HM2				
C 113–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
C 115–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
C 116–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
C 117–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	HM2				
C 118–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
C 127–A	SINGLE	1	36 x 84	WD					HM2	8 3/4"	HM2				
C 127–B							A		HM	8 3/4"	HM6	AD–2			2'–0"x5'–4" FRAME
D 106–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
D 110–A	SINGLE	5	42 x 84	WD		A			HM	8 3/4"	HM2	AD–1			
D 112–A							A		HM	6"	HM6	AD–2			4'–0"x4'–0" FRAME
D 118–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
G 101–A	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF7				
G 101–B	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF7				
G 101–C	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF8				
G 102–A	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF7				
G 102–B	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF7				
G 102–C	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF8				
G 103–A	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF4				
G 103–B	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF4				
G 103–C	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF4				
G 104–A	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF5				
G 104–B	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF5				
G 104–C	SF DOUBLE	3	PR 36 x 86	AL		E	E	E	AL	4 1/2"	SF5				
G 106–A	SF DOUBLE	12	PR 48 x 94	AL		B			AL	4 1/2"	SF6				
G 106–B	SF DOUBLE	3	PR 36 x 86	AL		C	C	C	AL	4 1/2"	SF3				
G 126–A	SINGLE	1	36 x 84	WD					HM	8 3/4"	HM2				
G 127–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
G 127–B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
G 128–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 129–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 130–A	SINGLE	1	36 x 84	WD					HM	8 3/4"	HM2				
G 131–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 132–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 133–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
G 133–B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
G 134–A	SINGLE	1	36 x 84	WD					HM	8 3/4"	HM2				
G 135–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 135–B	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 135–C	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				

DOOR AND FRAME SCHEDULE

NO.	DESCRIPTION	DOOR TYPE	DOOR SIZE (WxH) (INCHES)	DOOR MATERIAL	DOOR LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
G 136–A	SINGLE	1	36 x 84	WD					HM	8 3/4"	HM2				
G 138–A	SINGLE	1	36 x 84	WD					HM	8 3/4"	HM2				
G 139–A	DOUBLE	1	PR 48 x 94	WOOD					HM	8 3/4"	HM3				
G 139–B	DOUBLE	1	PR 48 x 94	WOOD					HM	8 3/4"	HM3				
G 139–C	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
G 140–A	SF DOUBLE	1	PR 36 x 86	AL					AL	4 1/2"	SF6				
G 141–A	DOUBLE	1	PR 36 x 84	WOOD					HM	8 3/4"	HM2				
H 104–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 105–A	DOUBLE	1	PR 36 x 84	WD					HM	6"	HM1				
H 105–B	DOUBLE	1	PR 36 x 84	WD					HM	6"	HM1				
H 105–C	SF11	2	42(18) x 86	AL		C			AL	4 1/2"	SF11				
H 106–A	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 107–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 108–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 109–A	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 109–B	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 110–A	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 110–B	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 111–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 111–B	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 112–A	OFFICE	1	36 x 84	WD					HM	5 3/4"	HM1				
H 113–A	OFFICE	1	36 x 84	WD					HM	5 3/4"	HM1				
H 119–A	DOUBLE	2	PR 46 x 84	WD		E			HM	8 3/4"	HM4	AD			
H 119–B	DOUBLE	2	PR 46 x 84	WD		E			HM	8 3/4"	HM4				
H 120–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 120–B	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 121–A	SINGLE	1	36 x 84	WD					HM	6"	HM1				
H 122–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 122–B							A		HM	6"	HM6	AD–2			2'–8"x3–4" FRAME
H 125–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
H 134–A	SINGLE	1	36 x 84	AL		A	A		AL	5 3/4"	HM5				
H 135–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
H 135–B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
H 136–A	SINGLE	1	36 x 84	AL		A	A		AL	5 3/4"	HM5				

SECOND FLOOR

DOOR AND FRAME SCHEDULE

NO.	DESCRIPTION	DOOR TYPE	DOOR SIZE (WxH) (INCHES)	DOOR MATERIAL	DOOR LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A 208–A	DOUBLE	2	PR 48 x 84	WD		E			HM	8 3/4"	HM4		AD–1		
A 209–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	H2				
A 210–A	SINGLE	5	36 x 84	WD		A			HM	8 3/4"	H2				
A 211–A	DOUBLE	1	PR 42 x 84	WD					HM	8 3/4"	H2				1HR
A 211–B	SF FRP2	1	PR 36 x 86	FRP					AL	4 1/2"	SF4				
C 205–A	SINGLE	1	36 x 84	WD					HM	6"	HM1				
C 205–B							F		HM	6"	HM6				4'–4"x4'–0" FRAME
C 205–C							F		HM	6"	HM6	AD–2			4'–4"x4'–0" FRAME
C 206–A	SINGLE	1	48 x 84	WD					HM	10 1/4"	HM1				ACOUSTIC
C 206–B	SINGLE	1	36 x 84	WD					HM	10 1/4"	HM1				ACOUSTIC
C 206–C							H		HM	10 1/4"	HM6	AD–2			8'–8"x4'–0" FRAME W/ VERTICAL MULLION
D 205–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
D 205–B							A		HM	8 3/4"	HM6	AD–2			2'–0"x5'–4" FRAME
D 207–A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	HM2				
D 207–B									HM	8 3/4"	HM6	AD–2			2'–0"x5'–4" FRAME
G 203–A	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
G 203–B	SINGLE	2	36 x 84	WD		A			HM	6"	HM1				
G 206–A	SINGLE	1	36 x 84	WD		A			HM	6"	HM1				

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MARK	DATE	ISSUED FOR
AD–1	3/28/22	ADDENDUM NO. 1
AD–2	4/6/22	ADDENDUM NO. 2

DRAWING
DOOR AND FRAME SCHEDULE, PROFILES, ELEVATIONS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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FINISH LEGEND

SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS
CEILING MATERIALS							
	ACT1	ACOUSTICAL CEILING	ARMSTRONG	FINE FISSURED	1728 WHITE	24" X 24"	WITH HUMIGUARD PLUS
	ACT2	ACOUSTICAL CEILING	ARMSTRONG	CLEAN ROOM	868 WHITE	24" X 24"	VINYL FACED WITH HUMIGUARD PLUS
WALL BASE							
	B1	RESILIENT BASE	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	4"	NAVY BLUE
	B2	RESILIENT BASE	MATCH EXISTING	MATCH EXISTING	MATCH EXISTING	4"	TAN
	B3	RESILIENT BASE	TARKETT	COVE	20 CHARCOAL	4"	--
	TB	TILE BASE	DALTILE	KEYSTONES	SUEDE GRAY SPECKLE D208	2" X 2" BUILD-UP BASE	--
	WB1	WOOD	--	--	MATCH WOOD DOOR STAIN	--	--
FLOOR MATERIALS							
	C1	CARPET TILE	INTERFACE	ENTROPHY	7214 COINCIDENCE	50cm X 50cm	INSTALL: NON-DIRECTIONAL
	C2	CARPET TILE	TARKETT	EDIFICE	TOWER 52501	18" X 36"	INSTALL: VERTICAL ASHLAR
	C3	CARPET TILE	TARKETT	ABRASIVE ACTION II 02578	WINTER GRAY 19103	24" x 24"	INSTALL: UNIDIRECTIONAL
	FT1	FLOOR TILE 1	DALTILE	KEYSTONES	BUFFSTONE RANGE D147	2" X 2"	--
	FT2	FLOOR TILE 2	DALTILE	KEYSTONES	SUEDE GRAY SPECKLE D208	2" X 2"	--
	LVT1	LUXURY VINYL TILE 1	TARKETT	COLOR POP	MACAROON C140	18" X 18"	--
	LVT2	LUXURY VINYL TILE 2	TARKETT	COLOR POP	SAND DOLLAR C147	18" X 18"	--
	LVT3	LUXURY VINYL TILE 3	TARKETT	COLOR POP	SEA SALT C145	18" X 18"	--
	LVT4	LUXURY VINYL TILE 4	TARKETT	COLOR POP	CARDINAL C134	18" X 18"	--
	VCT1	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	51809 DESERT BEIGE	12" X 12"	FIELD
	VCT2	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	51805 CAMEL BEIGE	12" X 12"	YELLOW
	VCT3	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	51882 SERENE BLUE	12" X 12"	BLUE
	VCT4	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	51946 GENETIAN BLUE	12" X 12"	DARK BLUE
	VCT5	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	57547 EUCALYPTUS	12" X 12"	GREEN
	VCT6	VINYL COMPOSITION TILE	ARMSTRONG	IMPERIAL TEXTURE	51947 BASIL GREEN	12" X 12"	DARK GREEN
	RB	RUBBER FLOOR	--	--	MATCH EXISTING	--	STAIR LANDING, BLUE, RAISED ROUND
	SC	SEALED CONCRETE	--	--	--	--	--
	TZ1	TERRAZZO	--	--	TM 15-2527	--	TERRAZZO FORMULAS AND TM NUMBERS ARE PROVIDED FOR PRICING PURPOSES. CONTRACTOR TO WORK WITH ARCHITECT FOR FINAL FORMULAS; SAMPLES AND REVISIONS WILL BE REQUIRED
	TZ2	TERRAZZO	--	--	TM 117	--	
	TZ3	TERRAZZO	--	--	TM 22-310 (WITHOUT GLASS)	--	
	TZ4	TERRAZZO	--	--	25% GEORGIA WHITE #1, 35% GEORGIA WHITE #2, 10% BLACK STALLION #1, 15% GLACEIR GRAY #2, 5% BEIGE BLEND #2, 10% T&M CRIMSON #1	--	
	TZ5	TERRAZZO	--	--	30% REBEL GRAY #1, 30% REBEL GRAY #2, 20% ASH GRAY #1, 20% ASH GRAY #2	--	
	WF1	WOOD FLOOR	--	--	DARK STAIN	--	TO MATCH CPHS, VERIFY WITH OWNER
	EFC	EPOXY FLOOR	--	--	--	--	--
WALL MATERIALS							
	P1	PAINT	SHERWIN WILLIAMS	--	SW 7517 RIVERS EDGE	--	MATCH EXISTING
	P2	PAINT	SHERWIN WILLIAMS	--	SW 6107 NOMADIC DESERT	--	MATCH EXISTING
	P3	PAINT	--	--	MATCH EXISTING	--	BURGUNDY
	P4	PAINT	--	--	MATCH EXISTING	--	BLUE
	P5	PAINT	--	--	MATCH EXISTING	--	GREEN
	P6	PAINT	SHERWIN WILLIAMS	--	SW 7014 EIDER WHITE	--	--
	P7	PAINT	SHERWIN WILLIAMS	--	SW 9167 POLISHED CONCRETE	--	--
	P8	PAINT	SHERWIN WILLIAMS	--	SW 7015 REPOSE GRAY	--	--
	P9	PAINT	SHERWIN WILLIAMS	--	SW 6993 BLACK OF NIGHT	--	--
	P10	PAINT	--	--	--	--	--
	W1	WALL COATING	SHERWIN WILLIAMS	--	SW 7517 RIVERS EDGE	--	MATCH EXISTING
	W2	WALL COATING	SHERWIN WILLIAMS	--	SW 6107 NOMADIC DESERT	--	MATCH EXISTING
	W3	WALL COATING	SHERWIN WILLIAMS	--	SW 7015 REPOSE GRAY	--	--
	WC1	WALL COVERING 1	D.L. COUCH SYMPHONY	TIMBRE	METEORITE AZ53002TM	--	--
	WC2	WALL COVERING 2	D.L. COUCH SYMPHONY	TIMBRE	SANDSTONE AZ53008TM	--	--
	WC3	WALL COVERING 3	MDC	NEILSON	--	--	--
	WC4	WALL COVERING 4	MDC	CUSTOM, VINYL SUEDE FINISH	CUSTOM	CONTRACTOR TO PROVIDE FIELD MEASUREMENTS	GRAPHIC FROM ARCHITECT, 2 CUSTOM COLOR MATCHES, ELECTRONIC PROOF AND STRIKE-OFF SAMPLE REQUIRED FOR ARCHITECT'S APPROVAL
	WT1	WALL TILE 1	CROSSVILLE	LAMINAM, I NATURAL	OSSIDIANA V GRIGIA	1m X 3m	--
	WT2	WALL TILE 2	DALTILE	CLASSIC, COLOR WHEEL	CURRANT SH17	6" X 6"	--
	WT3	WALL TILE 3	DAL-TILE	CLASSIC, COLOR WHEEL	ALMOND 0135	6" X 6"	--
	WT4	WALL TILE 4	DAL-TILE	CLASSIC, COLOR WHEEL	CHALKBOARD 0180	6" X 6"	--
	WT5	WALL TILE 5	DAL-TILE	CLASSIC, COLOR WHEEL	SUEDE GRAY 0182	6" X 6"	--
	WT6	WALL TILE 6	DAL-TILE	CLASSIC, COLOR WHEEL	DESERT GRAY X114	3" X 6"	--
	WT7	WALL TILE 7	DAL-TILE	CLASSIC, COLOR WHEEL	ALMOND 0135	3" X 6"	--
	WT8	WALL TILE 8	DAL-TILE	CLASSIC, COLOR WHEEL	ELEMENTAL TAN 0166	3" X 6"	--
	WT9	WALL TILE 9	DAL-TILE	CLASSIC, COLOR WHEEL	SUEDE GRAY 0182	3" X 6"	--
	WT10	WALL TILE 10	DAL-TILE	CLASSIC, COLOR WHEEL	URBAN PUTTY 0161	3" X 6"	--
	FW-AWP1	ACOUSTICAL PANEL1	MAHARAM	MANNER 466177	004 FLINT	--	--
	FW-AWP2	ACOUSTICAL PANEL 2	MAHARAM	MUSE 466487	008 FANTASY	--	--
CASEWORK AND MILLWORK							
	PL1	PLASTIC LAMINATE	WILSONART	MATTE	BEIGE PAMPAS 4170-60	--	--
	PL2	PLASTIC LAMINATE	WILSONART	MATTE	CANYON ZEPHYR 4842-60	--	RED
	PL3	PLASTIC LAMINATE	WILSONART	MATTE	MISTED ZEPHYR 4843-60	--	BLUE
	PL4	PLASTIC LAMINATE	WILSONART	MATTE	LODEN ZEPHYR 4844-60	--	GREEN
	PL5	PLASTIC LAMINATE	FORMICA	MATTE	FLOKSTONE CELESTA 692-58	--	--
	PL6	PLASTIC LAMINATE	FORMICA	MATTE	GRAPHITE TWILL 8829-58	--	--
	SS1	SOLID SURFACE	CORIAN	--	CAMEO WHITE	--	WINDOW STOOL
	SS2	SOLID SURFACE	CORIAN	--	DEEP SPACE	--	RESTROOM CHASE WALL
	SS3	SOLID SURFACE	CORIAN	--	LAVA ROCK	--	ART CASEWORK COUNTERTOPS
MISCELLANEOUS							
	RS	WINDOW ROLLER SHADE	MECHO	--	--	--	--
	CG	CORNER GUARD	--	--	--	--	--
	TP	TOILET PARTITION	HINDY HIDERS	ORANGE PEEL	BURGUNDY	--	--
	L1	LOCKERS	LYON	MATCH EXISTING	--	--	RED: SIMILAR RED VELVET
	L2	LOCKERS	LYON	MATCH EXISTING	--	--	BLUE: SIMILAR GREEN BLUE
	L3	LOCKERS	LYON	MATCH EXISTING	--	--	GREEN: SIMILAR MINUTE MAN BLUE
	PC	PRIVACY CURTAINS	ARCHITEX	RX 2015		--	--
	RT	RUBBER TREADS AND RISERS	--	--	MATCH EXISTING	--	BLUE, RAISED ROUND
	WDT1	WOOD TRIM	--	--	MATCH WOOD DOOR STAIN	--	--
	TRIM1	TILE TRIM	SCHLUTER	--	--	--	--
	--	WOOD DOOR	--	MATCH EXISTING	--	--	--
	--	ALL TRAVELERS, BOARDERS, KM FABRICS LEGS & CYCLORAMA CURTAINS	KM FABRICS	--	--	--	--
	--	MAIN VALENCE	KM FABRICS	--	--	--	--
	--	STAGE CURTAIN (MAIN)	KM FABRICS	--	--	--	--
	UPH1	SEATING UPHOLSTERY	TRI-KES SOURCE ONE	ANTWERP	SCARLET UHA-AN-10	54" WIDE	--

AD-2

ETR = EXISTING TO REMAIN

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY EJM
DRAWN BY KRT, NAS
CHECKED BY NAS

JOSEPH P. BRIGGS REGISTERED NO. 11600109 STATE OF INDIANA ARCHITECT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	3/28/22	ADDENDUM NO.1
AD-2	4/06/22	ADDENDUM NO.2

DRAWING
FINISH LEGEND

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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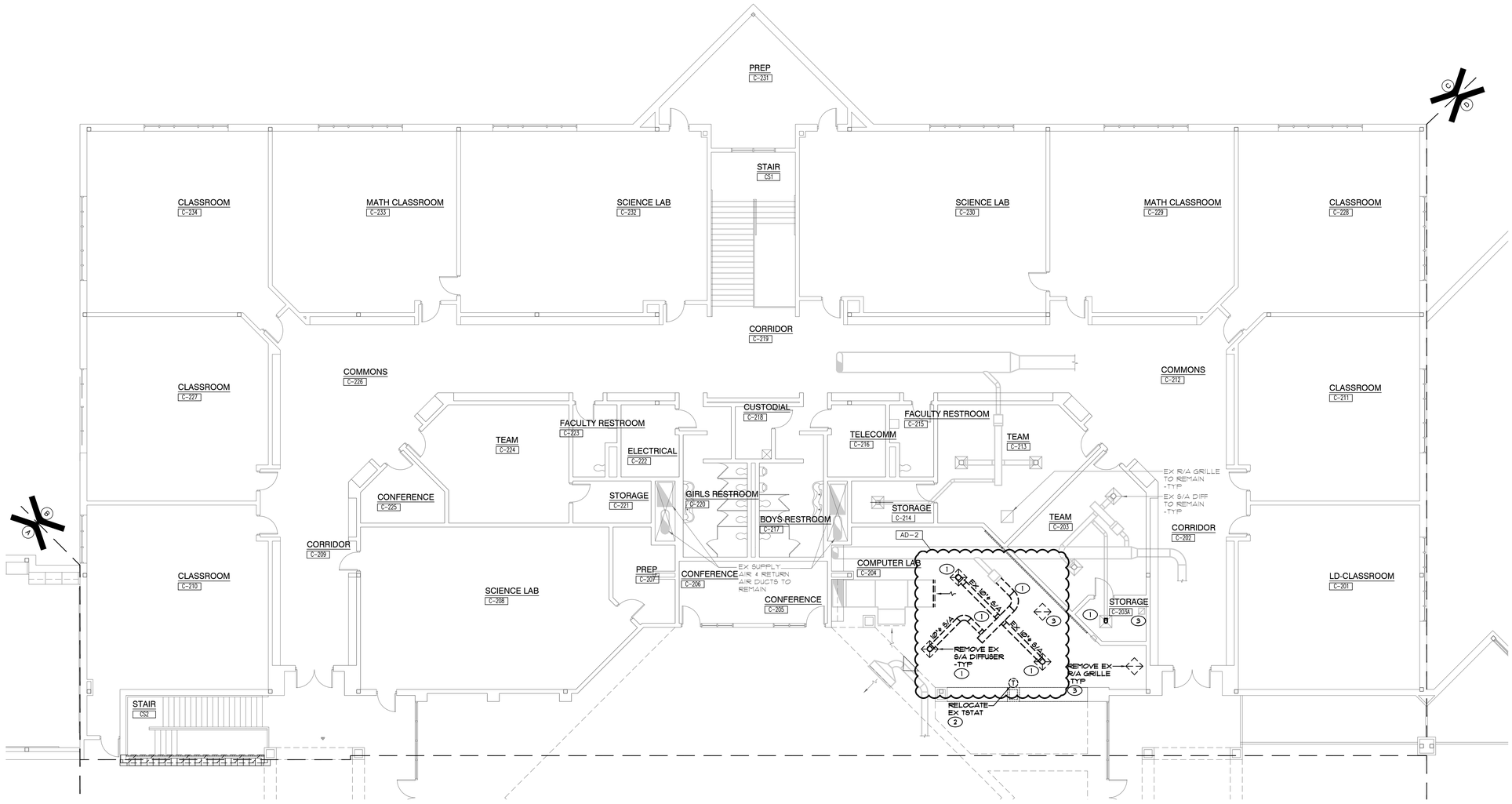
SHEET
A-820

Tuesday, 4/5/2022 - 9:17 AM - LAST SAVED BY:EMCCAULEY
Y:\21-106 CROWN POINT CSC - WHEELER MIDDLE SCHOOL ADDITION AND RENOVATIONS\21-106 DRAWINGS\05 ARCH\A-820.DWG

SHEET NOTES

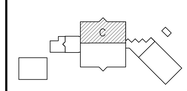
1. REMOVE EXISTING SUPPLY AIR DIFFUSER AND ASSOCIATED SUPPLY DUCTWORK COMPLETE AS REQUIRED.
2. EXISTING THERMOSTAT TO BE REMOVED AND RELOCATED.
3. REMOVE EXISTING TRANSFER AIR GRILLE COMPLETE AS REQUIRED



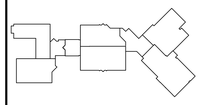
UNIT "C" MECHANICAL SECOND FLOOR DEMOLITION PLAN

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

NORTH



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT
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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "C" MECHANICAL SECOND FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
C MD105

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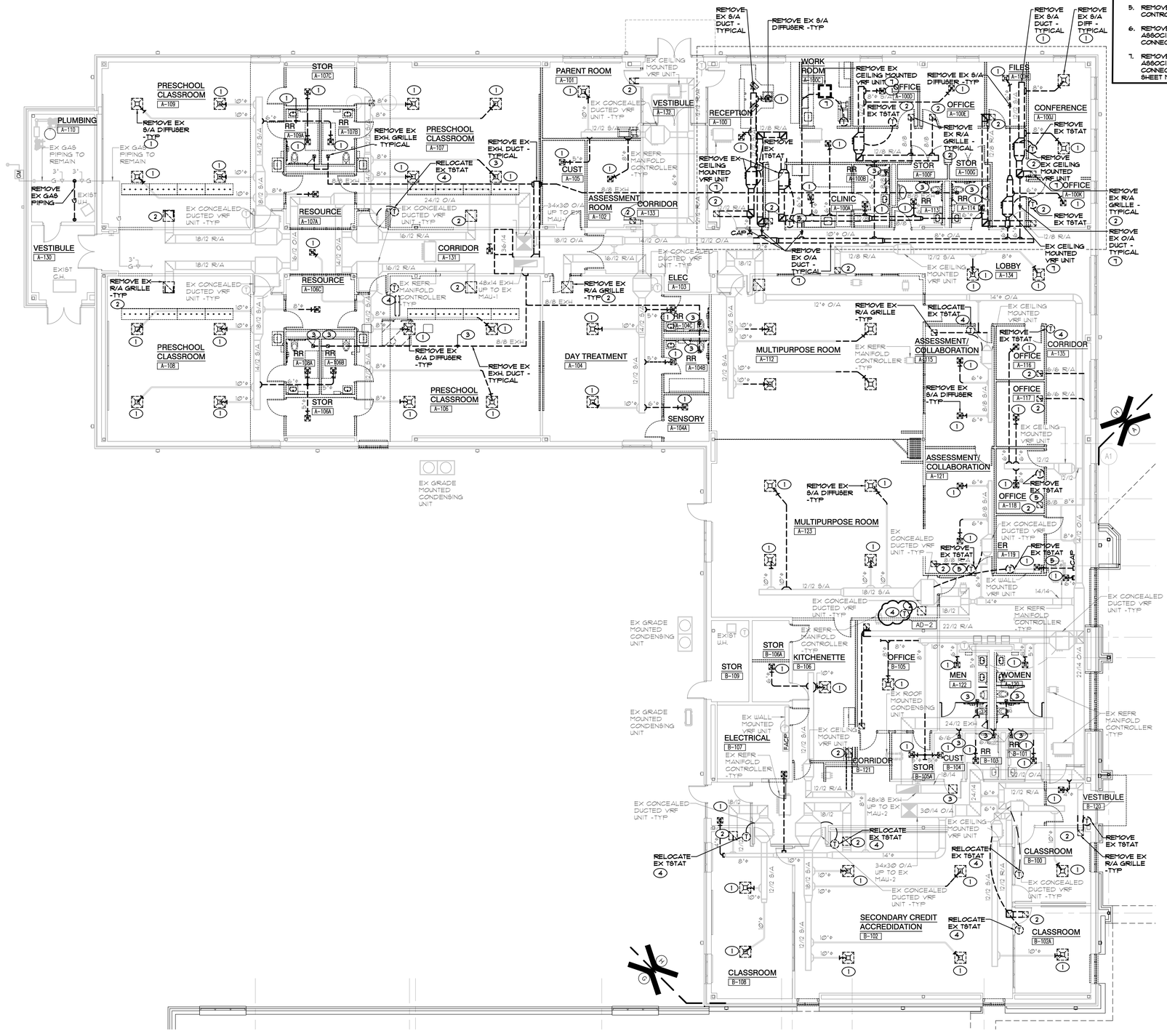
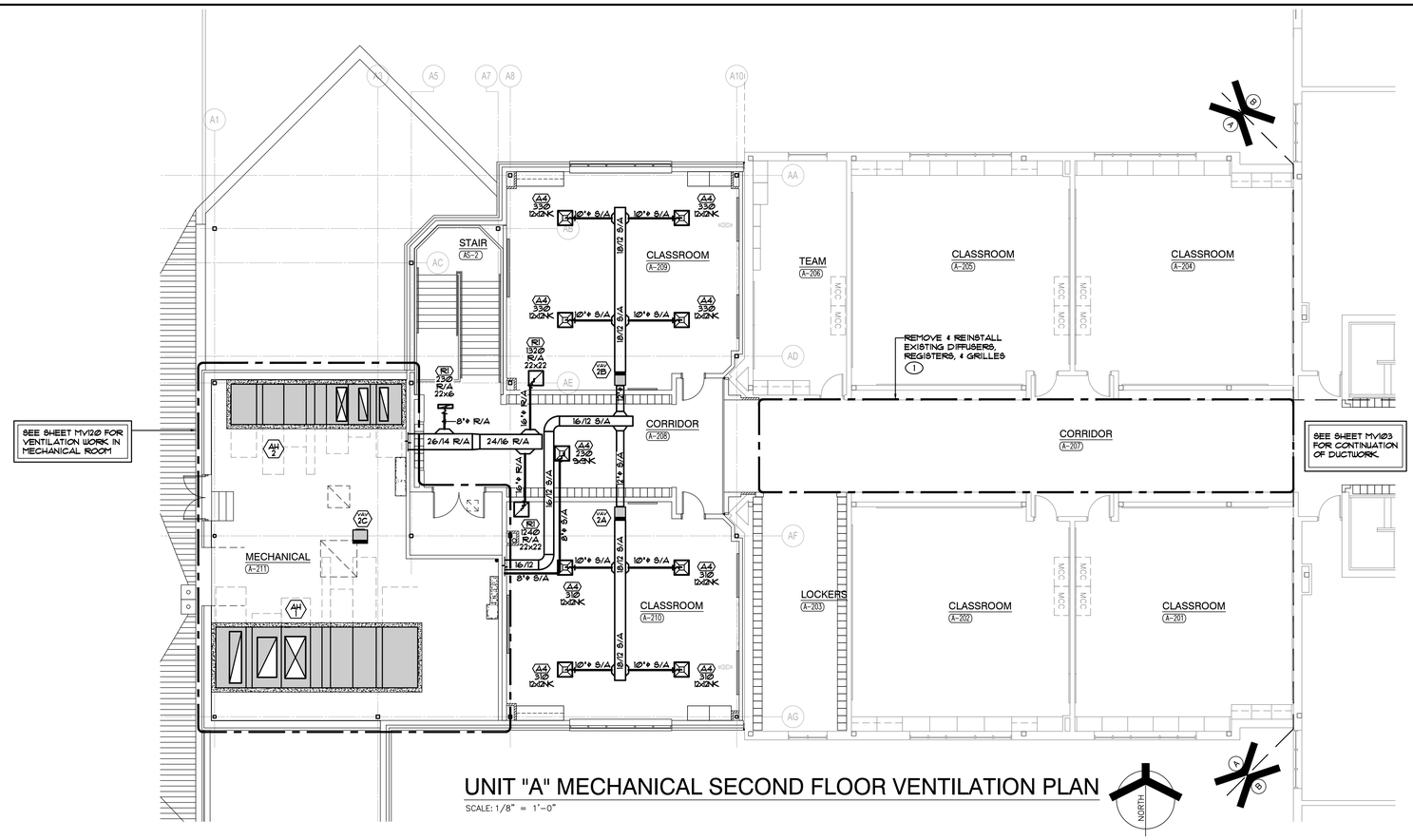

PRESCHOOL CLASSROOM A-109
PLUMBING A-110
REMOVE EX S/A DIFFUSER -TYP
EX GAS PIPING TO REMAIN
REMOVE EX GAS PIPING
EXIST U.H.
VESTIBULE A-130
EXIST C.H.
EX CONCEALED DUCTED VRF UNIT -TYP
STOR A-107C
RR A-109A
RR A-107B
REMOVE EX EXH. GRILLE TYPICAL
PRESCHOOL CLASSROOM A-107
RELOCATE EX T-STAT
REMOVE EX EXH. DUCT - TYPICAL
RESOURCE A-107A
CORRIDOR A-131
RESOURCE A-106C
REMOVE EX R/A GRILLE -TYP
EX REFR MANIFOLD CONTROLLER -TYP
48x14 EXH UP TO EX MAU-1
RR A-108A
RR A-108B
PRESCHOOL CLASSROOM A-108
REMOVE EX S/A DIFFUSER -TYP
REMOVE EX EXH. DUCT - TYPICAL
STOR A-106A
PRESCHOOL CLASSROOM A-106
EX GRADE MOUNTED CONDENSING UNIT
PARENT ROOM A-101
EX CEILING MOUNTED VRF UNIT
VESTIBULE A-132
EX CONCEALED DUCTED VRF UNIT -TYP
CUST A-105
EX REFR MANIFOLD CONTROLLER -TYP
ASSESSMENT ROOM A-102
CORRIDOR A-133
34x30 O/A UP TO EX MAU-1
DAY TREATMENT A-104
ELEC A-103
RR A-104C
RR A-104B
SENSORY A-104A
REMOVE EX S/A DUCT - TYPICAL
REMOVE EX S/A DIFFUSER -TYP
REMOVE EX S/A DIFF - TYPICAL
RECEPTION A-100
REMOVE EX T-STAT
REMOVE EX CEILING MOUNTED VRF UNIT
WORK ROOM A-100C
OFFICE A-100D
OFFICE A-100E
REMOVE EX R/A GRILLE - TYPICAL
FILES A-100F
CONFERENCE A-100J
STOR A-100G
STOR A-100H
RR A-100B
CLINIC A-100A
RR A-114
RR A-113
OFFICE A-100K
REMOVE EX R/A GRILLE - TYPICAL
REMOVE EX O/A DUCT - TYPICAL
CAP
EX CEILING MOUNTED VRF UNIT
LOBBY A-134
MULTIPURPOSE ROOM A-112
ASSESSMENT/ COLLABORATION A-115
RELOCATE EX T-STAT
CORRIDOR A-135
OFFICE A-116
OFFICE A-117
ASSESSMENT/ COLLABORATION A-121
OFFICE A-118
ER A-119
REMOVE EX T-STAT
MULTIPURPOSE ROOM A-123
EX WALL MOUNTED VRF UNIT
EX ROOF MOUNTED CONDENSING UNIT
AD-2
OFFICE B-105
KITCHENETTE B-106
STOR B-106A
STOR B-109
ELECTRICAL B-107
MEN A-122
WOMEN A-120
CORRIDOR B-121
CUST B-104
STOR B-104A
RR B-103
RR B-101
SECONDARY CREDIT ACCREDIDATION B-102
CLASSROOM B-108
CLASSROOM B-100
CLASSROOM B-102A
VESTIBULE B-120
REMOVE EX R/A GRILLE -TYP
EX CONCEALED DUCTED VRF UNIT -TYP
EX GRADE MOUNTED CONDENSING UNIT
EX REFR MANIFOLD CONTROLLER -TYP
EX CEILING MOUNTED VRF UNIT
EX WALL MOUNTED VRF UNIT
EX ROOF MOUNTED CONDENSING UNIT
48x18 EXH UP TO EX MAU-2
34x30 O/A UP TO EX MAU-2
24x12 EXH
24x12 O/A
RELOCATE EX T-STAT
REMOVE EX T-STAT
REMOVE EX R/A GRILLE -TYP
REMOVE EX O/A DUCT - TYPICAL
REMOVE EX S/A DIFFUSER -TYP
REMOVE EX CEILING MOUNTED VRF UNIT
REMOVE EX S/A DUCT - TYPICAL
REMOVE EX S/A DIFF - TYPICAL
REMOVE EX R/A GRILLE - TYPICAL
REMOVE EX O/A DUCT - TYPICAL
EX CEILING MOUNTED VRF UNIT
EX CONCEALED DUCTED VRF UNIT -TYP
EX REFR MANIFOLD CONTROLLER -TYP
EX WALL MOUNTED VRF UNIT
EX ROOF MOUNTED CONDENSING UNIT
EX GRADE MOUNTED CONDENSING UNIT
EX CONCEALED DUCTED VRF UNIT -TYP
RELOCATE EX T-STAT
REMOVE EX T-STAT
REMOVE EX R/A GRILLE -TYP
EX CEILING MOUNTED VRF UNIT
EX CONCEALED DUCTED VRF UNIT -TYP
EX REFR MANIFOLD CONTROLLER -TYP
EX CONCEALED DUCTED VRF UNIT

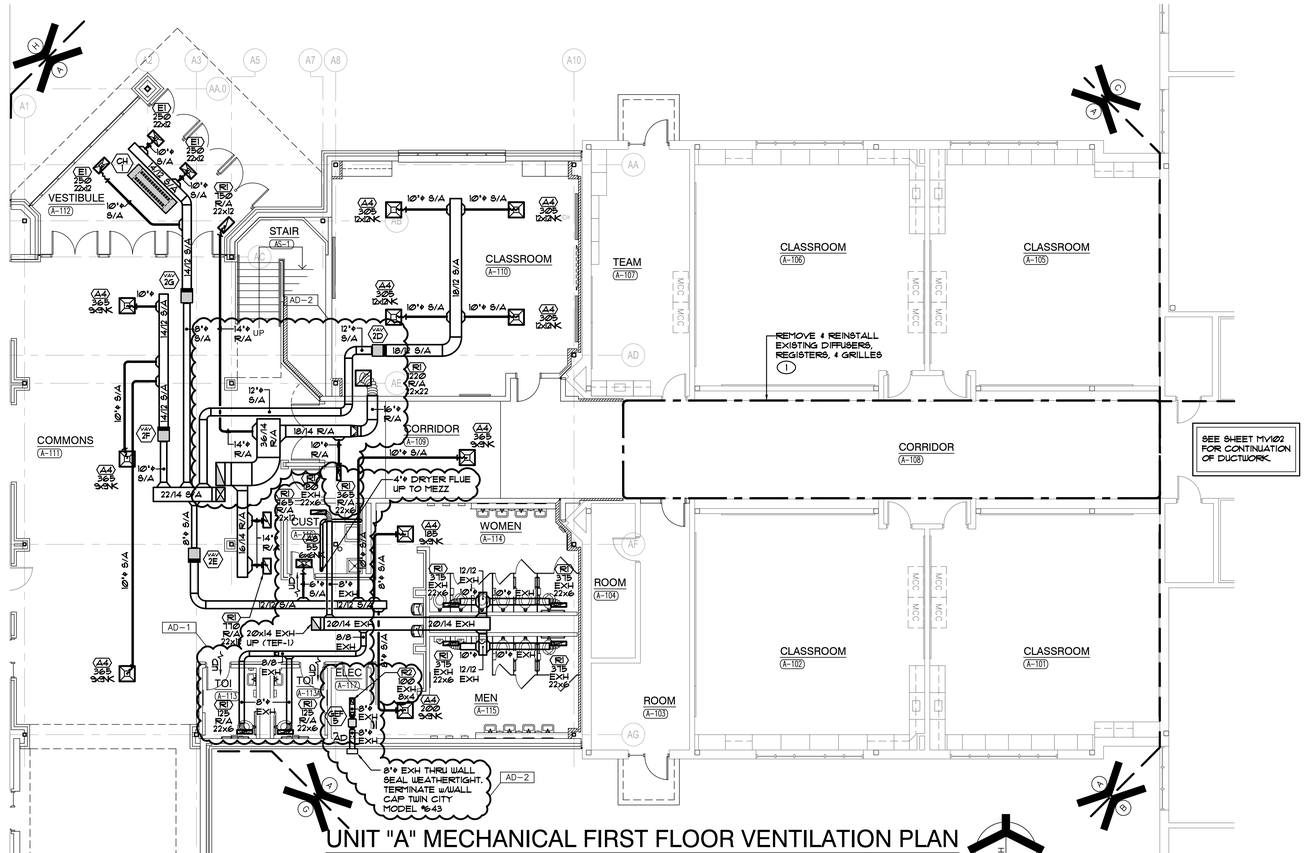
SHEET NOTES

1. DISCONNECT AND REMOVE ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES FROM EXISTING LAY-IN CEILING COMPLETE AS REQUIRED. INSPECT AND CLEAN EXISTING GRILLE COMPLETE AS REQUIRED. REINSTALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES IN LAY-IN CEILING AND RECONNECT EXISTING DUCTWORK, IF NECESSARY, COMPLETE AS REQUIRED.



UNIT "A" MECHANICAL SECOND FLOOR VENTILATION PLAN

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



UNIT "A" MECHANICAL FIRST FLOOR VENTILATION PLAN

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

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PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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DATE 03/14/22
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DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03/28/22	ADDENDUM NO. 1
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "A" MECHANICAL FIRST & SECOND FLOOR VENTILATION PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
A MV101

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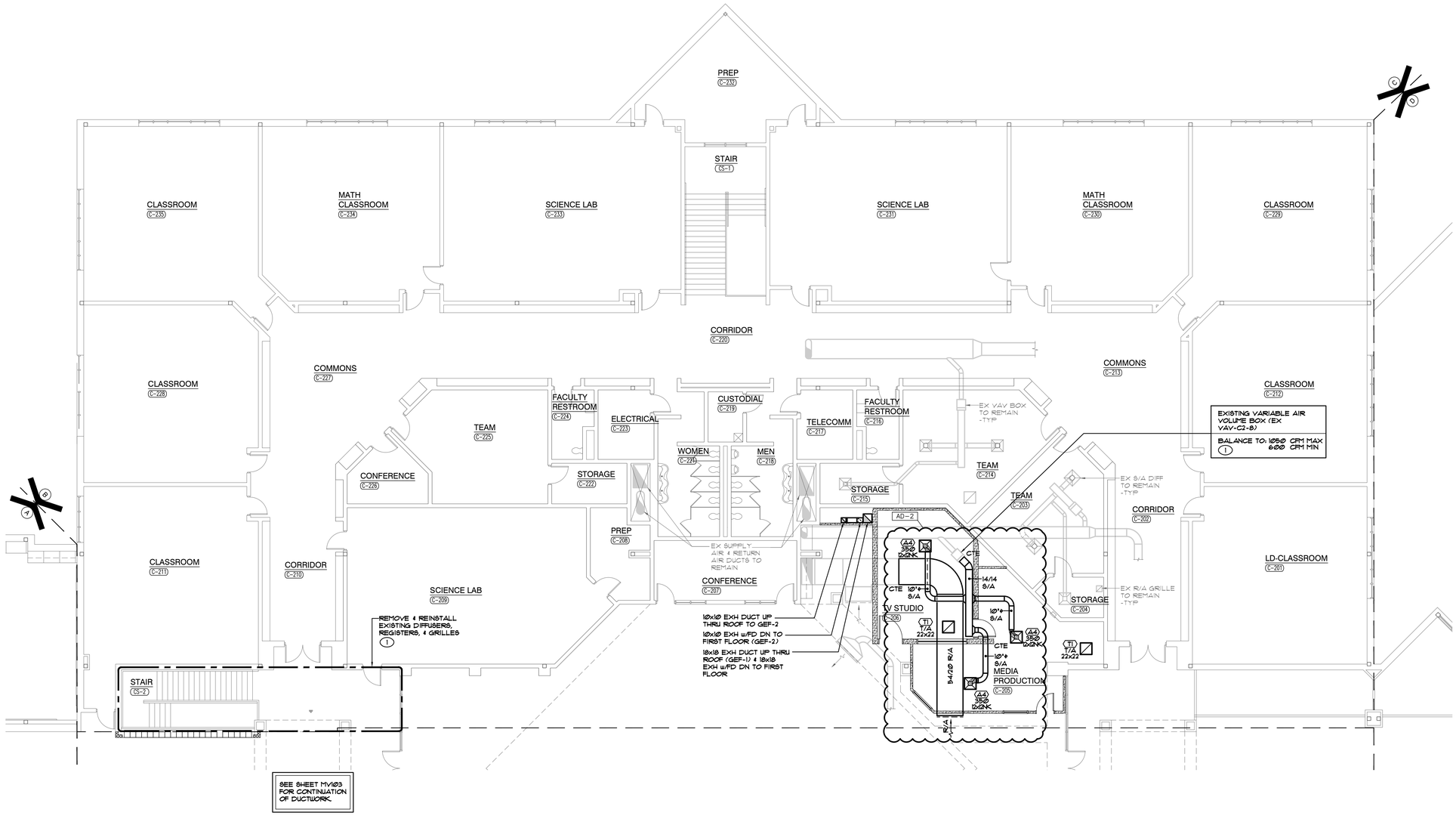
SHEET NOTES

1. EXISTING VAV BOX TO BE REUSED. CLEAN, CHECK, AND CALIBRATE UNIT FOR PROPER OPERATION. TEST AND BALANCE VAV BOX TO MAXIMUM AND MINIMUM CFM INDICATED ON PLAN.
2. DISCONNECT AND REMOVE ALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES FROM EXISTING LAY-IN CEILING COMPLETE AS REQUIRED. INSPECT AND CLEAN EXISTING GRILLE COMPLETE AS REQUIRED. REINSTALL EXISTING DIFFUSERS, REGISTERS, AND GRILLES IN LAY-IN CEILING AND RECONNECT EXISTING DUCTWORK, IF NECESSARY, COMPLETE AS REQUIRED.



UNIT "C" MECHANICAL SECOND FLOOR VENTILATION PLAN

1/8" = 1'-0"

NORTH

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "C" MECHANICAL SECOND FLOOR VENTILATION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
C MV105

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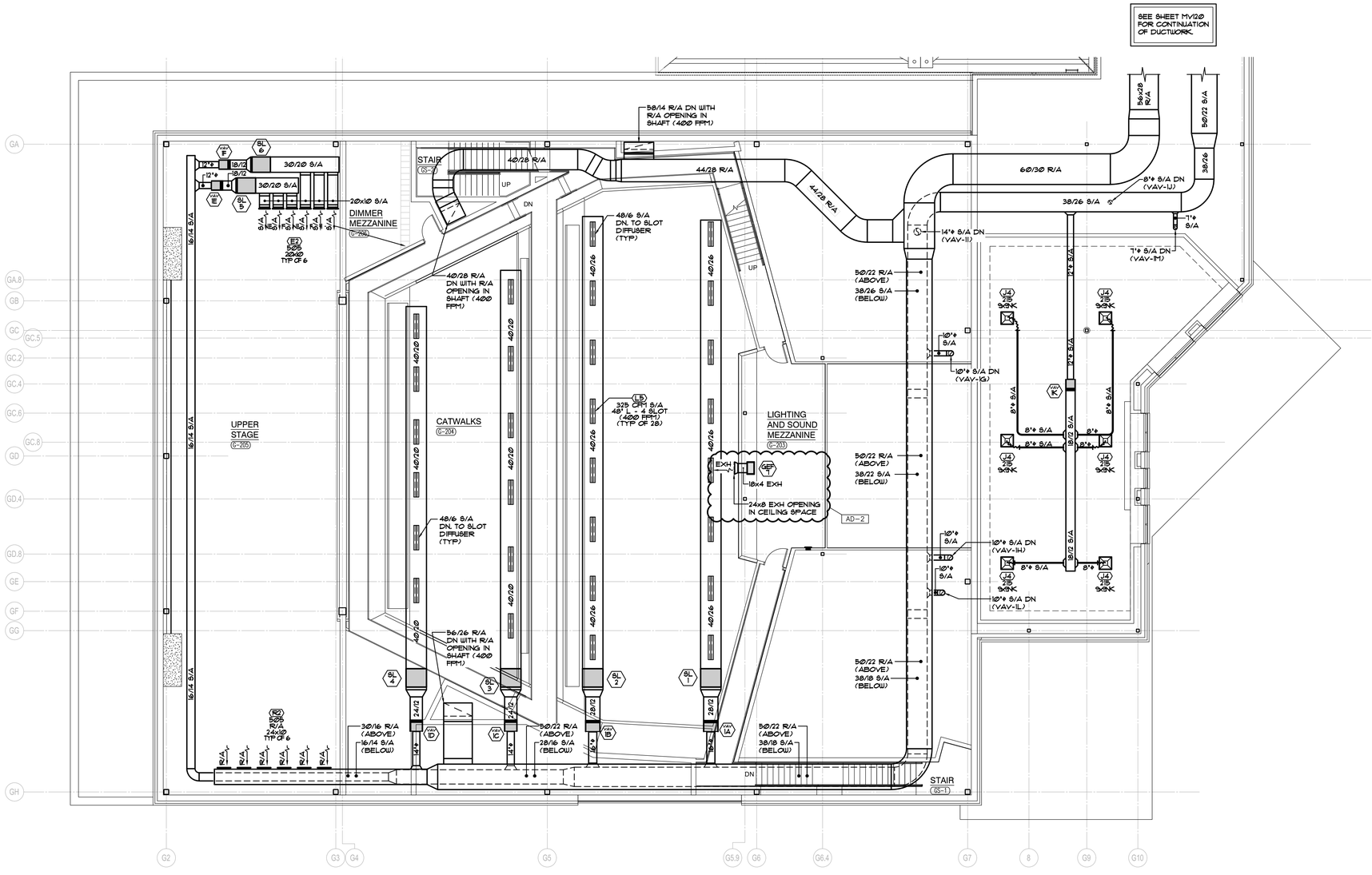

UNIT "G" MECHANICAL SECOND FLOOR VENTILATION PLAN

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

NORTH

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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

PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "G" MECHANICAL SECOND FLOOR VENTILATION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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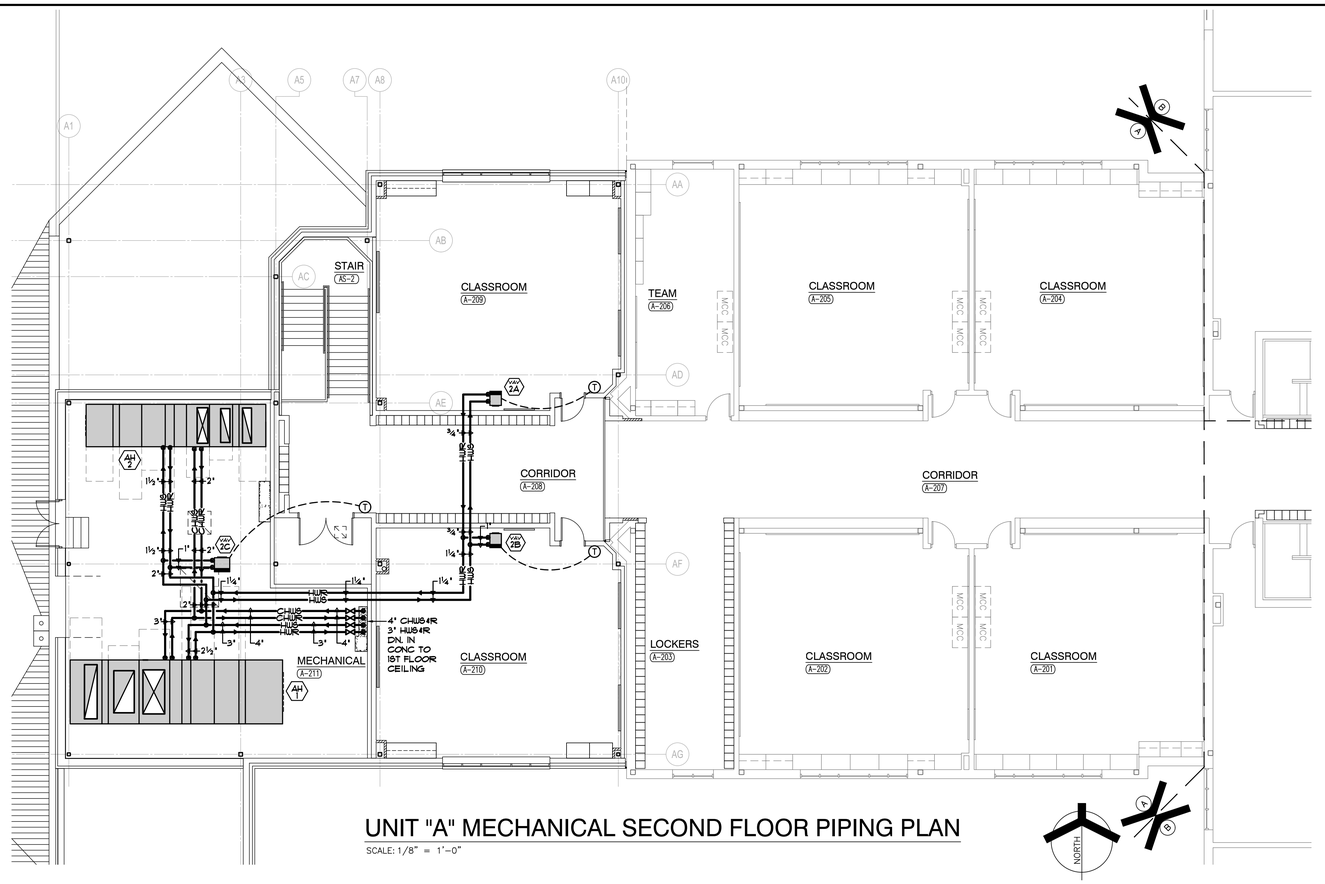
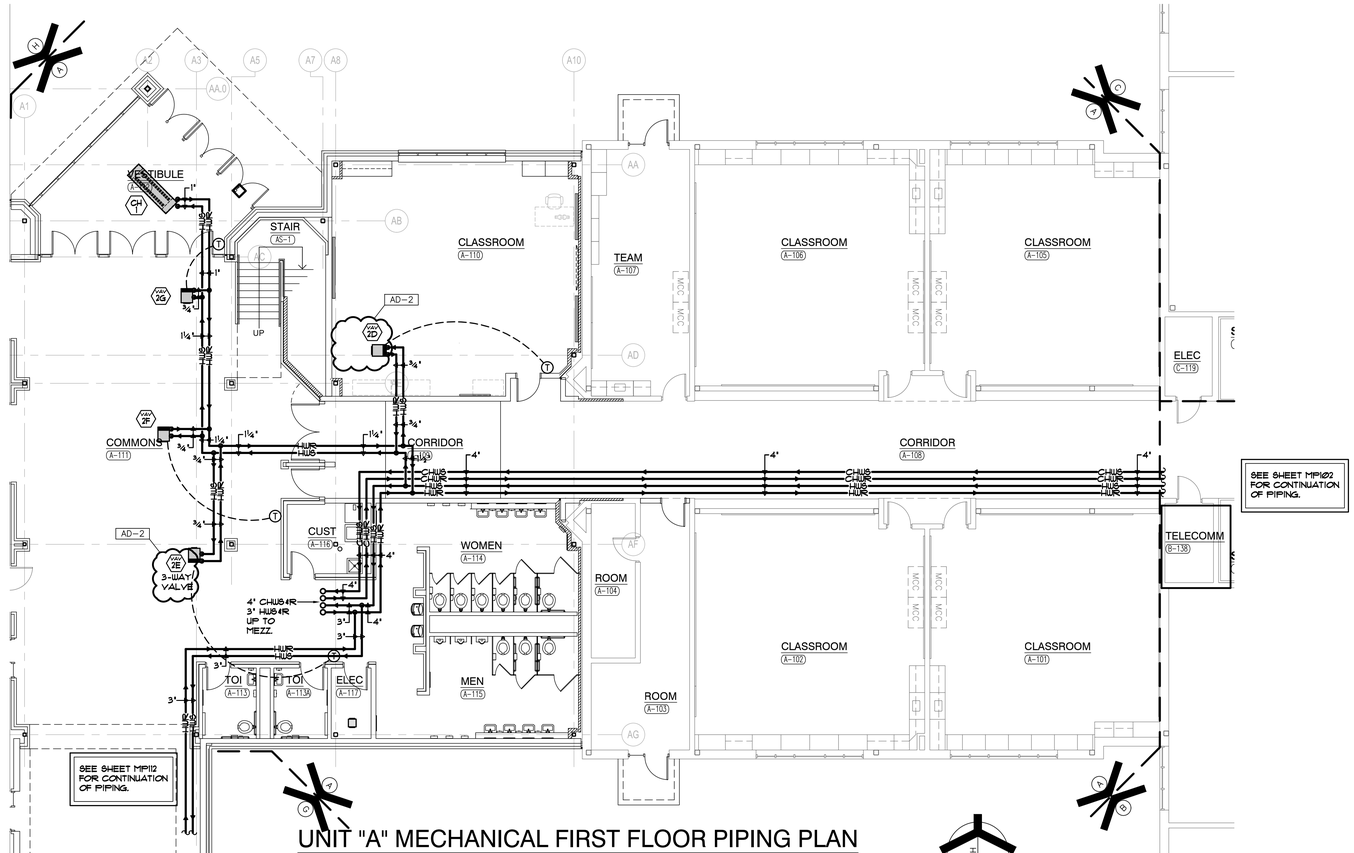


UNIT "A" MECHANICAL SECOND FLOOR PIPING PLAN

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



UNIT "A" MECHANICAL FIRST FLOOR PIPING PLAN

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

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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DRAWING
UNIT "A" MECHANICAL
FIRST & SECOND FLOOR
PIPING PLANS

PROJECT
COLONEL JOHN WHEELER
MIDDLE SCHOOL ADDITION,
RENOVATION AND RELATED WORK

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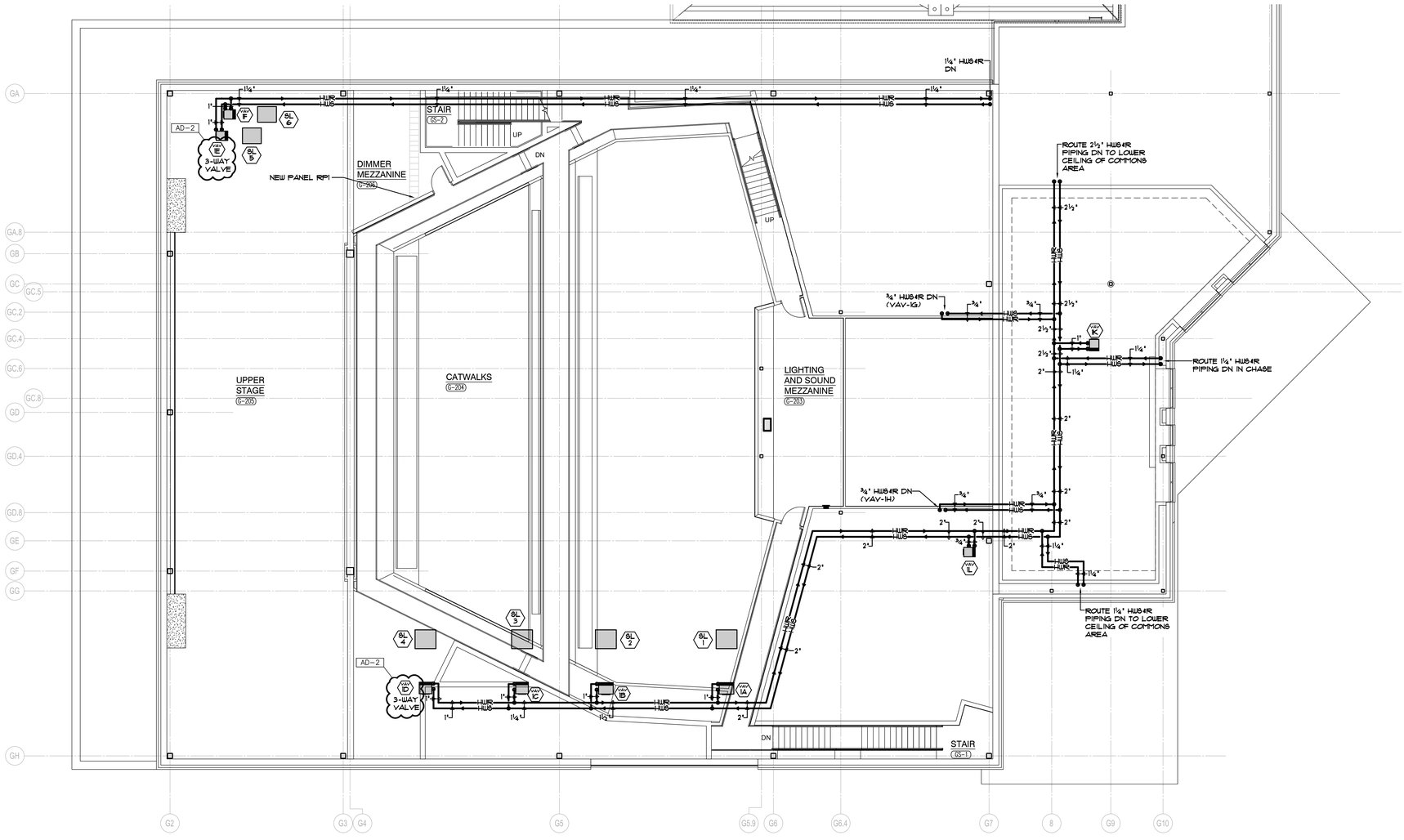

UNIT "G" MECHANICAL SECOND FLOOR PIPING PLAN

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

NORTH

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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DRAWING
UNIT "G" MECHANICAL SECOND FLOOR PIPING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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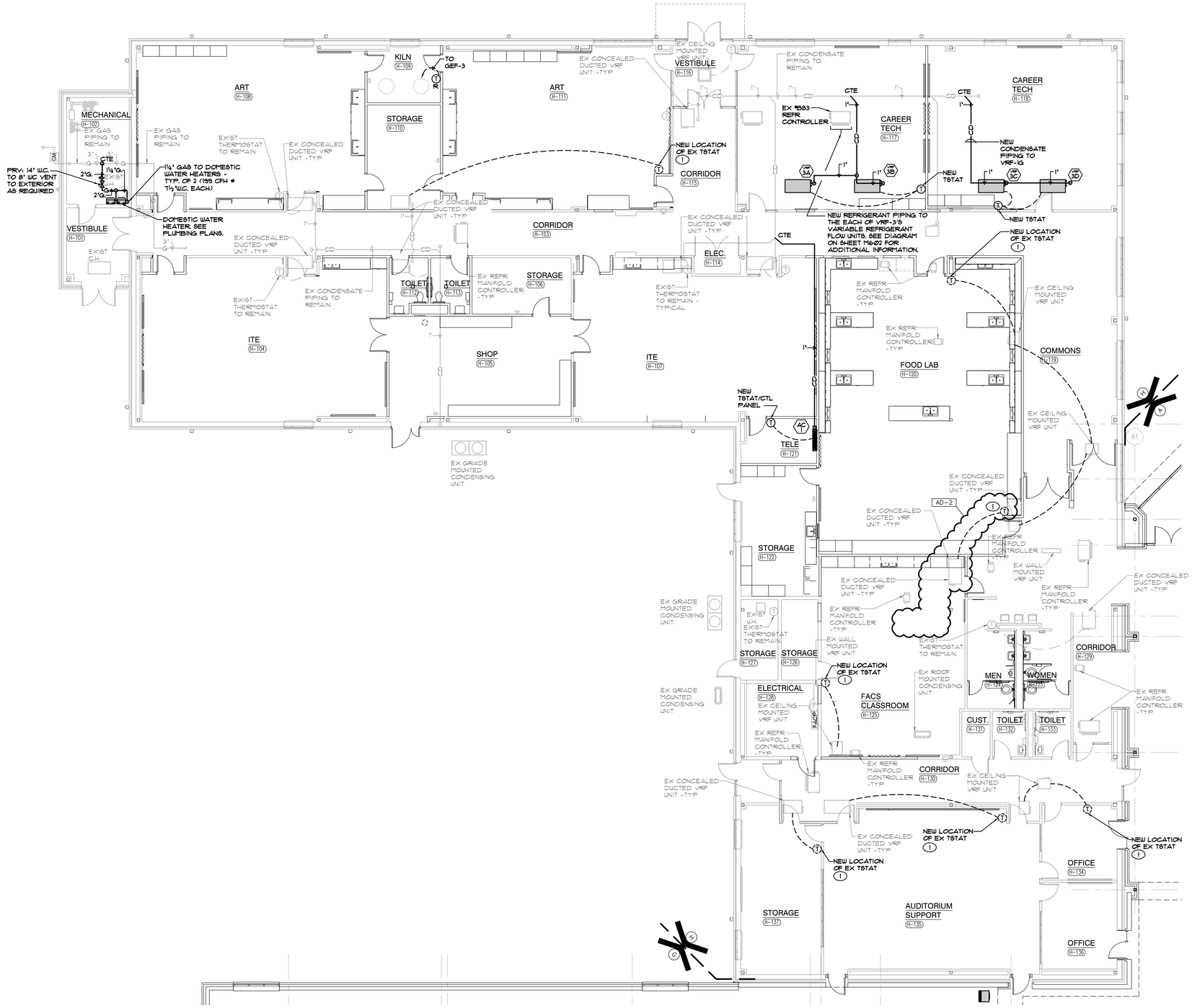
SHEET NOTES

1. NEW LOCATION OF EXISTING THERMOSTAT. ROUTE NEW CONTROL WIRING TO THERMOSTAT AND TO EXISTING VAV BOX COMPLETE AS REQUIRED.



UNIT "H" MECHANICAL FIRST FLOOR PIPING PLAN

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

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PROJECT

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CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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FIRST FLOOR KEY PLAN

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DRAWING
UNIT "H" MECHANICAL FIRST FLOOR PIPING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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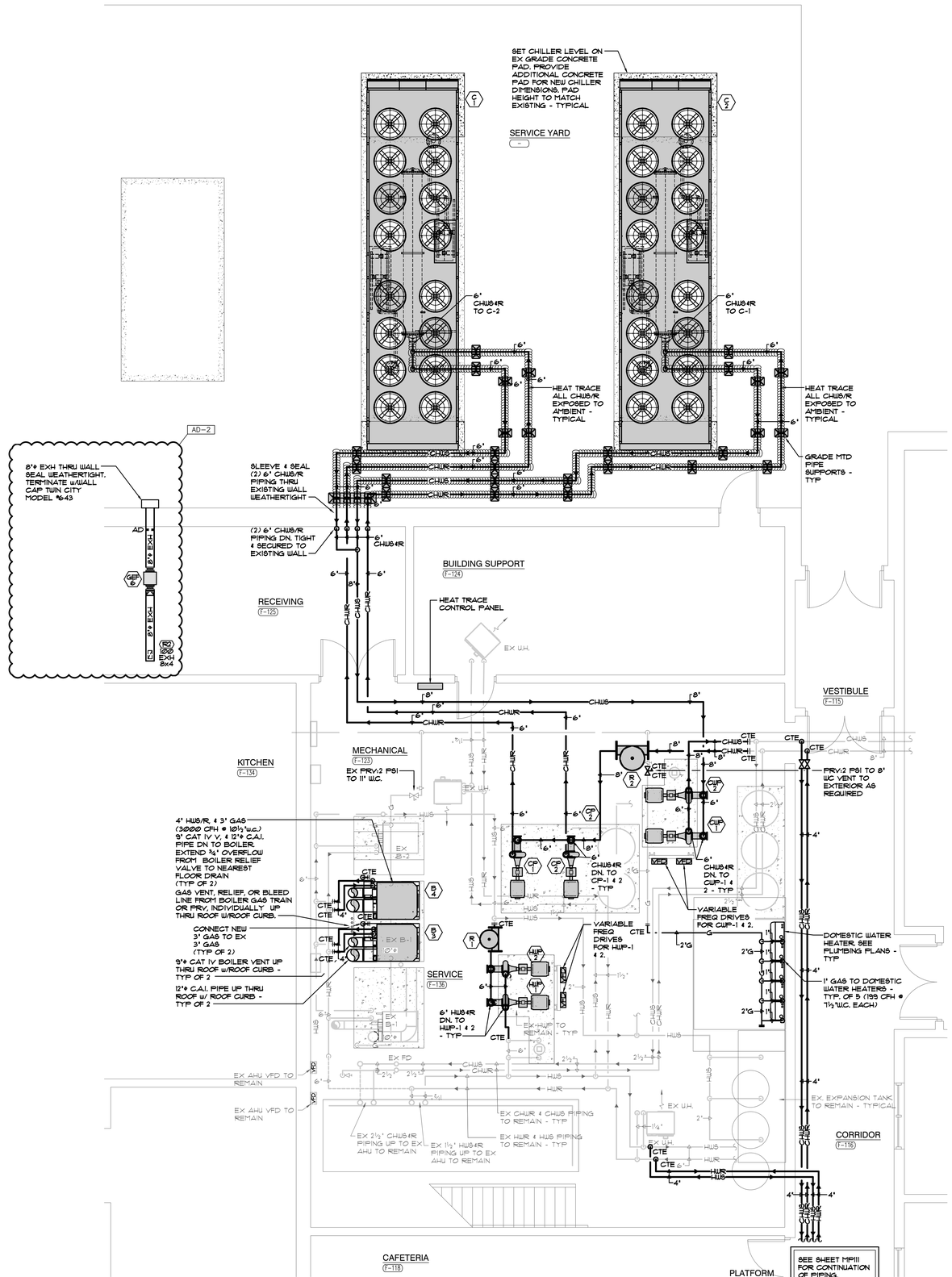

UNIT "F" ENLARGED MECHANICAL PIPING PLAN

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

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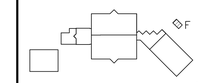
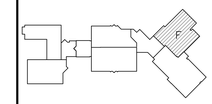
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



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DRAWING

UNIT "F" ENLARGED MECHANICAL PIPING PLAN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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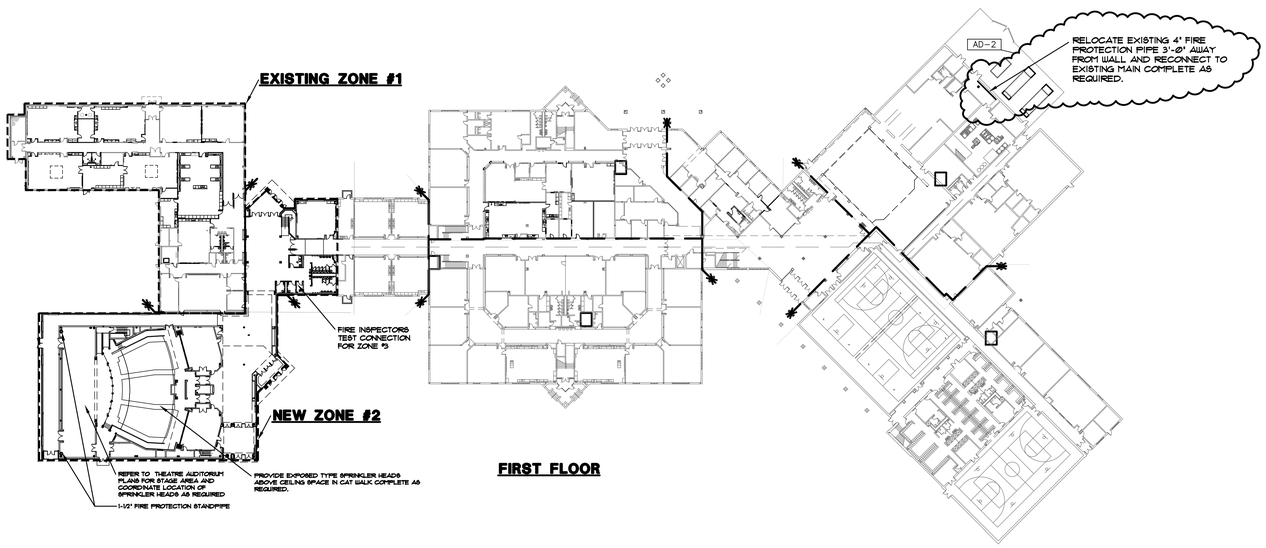
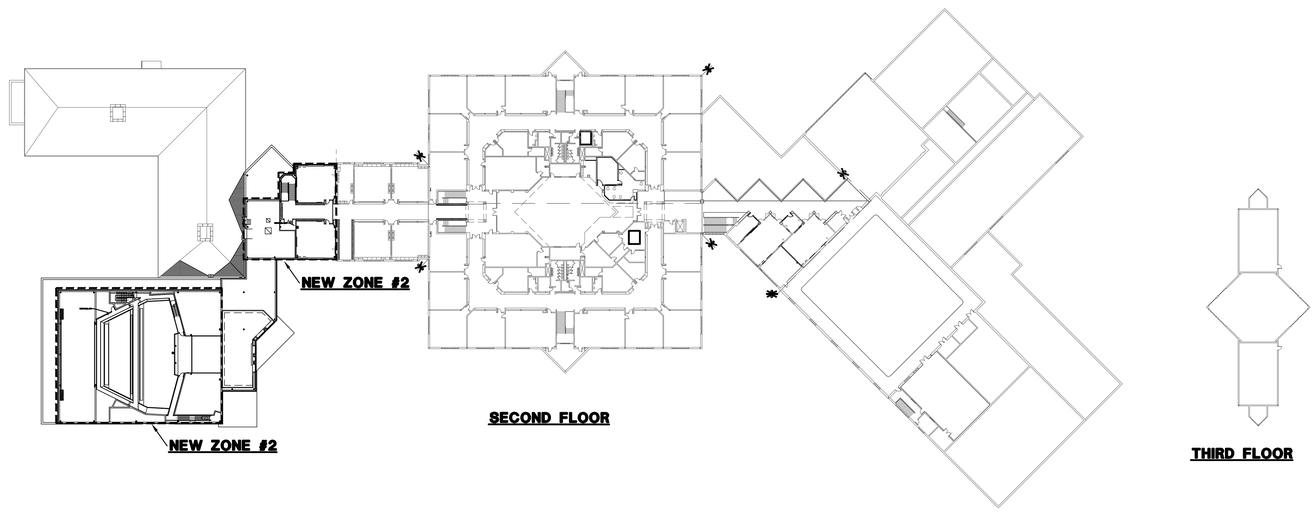
FIRE PROTECTION ZONING PLAN / FIRE INSPECTORS TEST CONNECTION



FIRST FLOOR



SECOND FLOOR

THIRD FLOOR

FIRE PROTECTION GENERAL NOTES

A. WORK SHALL COMPLY WITH LOCAL, MUNICIPAL, STATE FIRE PROTECTION CODES, THE LATEST NFPA 13 REQUIREMENTS.

B. THE SCOPE OF WORK SPECIFIED HEREIN AND IN THE SPECIFICATIONS SHALL BE COORDINATED WITH THE CONSTRUCTION MANAGER - REFER TO THE SCOPE OF WORK FOR EACH TRADE. ANY DISCREPANCIES BETWEEN THE CONSTRUCTION DOCUMENTS AND CONSTRUCTION MANAGERS SCOPE SHALL BE BROUGHT TO THE ATTENTION OF THE ARCHITECT/ENGINEER FOR CLARIFICATION. THE ARCHITECT/ENGINEER'S DECISION SHALL BE FINAL.

C. THE ENTIRE BUILDING OR THE NEW ADDITIONS SHALL BE FURNISHED AND INSTALLED WITH A COMPLETE AUTOMATIC SPRINKLER SYSTEM. EXISTING, REMODELED AND NEW ADDITION AREAS OF THIS BUILDING SHALL BE COVERED INCLUDING TUNNEL, ATTIC, CRAWLSPACE AND INTERSTITIAL SPACES.

D. THE BUILDING HAS MULTIPLE OCCUPANCY CLASSIFICATIONS AND THE SPRINKLER SYSTEM SHALL BE DESIGNED FOR EACH CLASSIFICATION ACCORDING TO NFPA REQUIREMENTS. FOR PORTIONS OF THE FACILITY WITH AREAS OF DIFFERENT CLASSIFICATIONS THAT ARE NOT PHYSICALLY SEPARATED BY A BARRIER OR PARTITION, THE REQUIRED SPRINKLER PROTECTION FOR THE MORE DEMANDING AREA SHALL EXTEND 15'-0" BEYOND ITS PERIMETER.

1. GENERAL AREAS ARE LIGHT HAZARD, 0.10 GPM/SQFT, FOR THE MOST REMOTE 1500 SQFT.
2. KITCHEN AREA IS ORDINARY HAZARD (GROUP 1), 0.15 GPM SQFT, FOR THE MOST REMOTE 1500 SQFT.

E. LAYOUT IS DIAGRAMMATIC. INSTALL PIPING AND EQUIPMENT TO MEET ACTUAL FIELD CONDITIONS. REVIEW PROJECT SPECIFICATIONS BEFORE STARTING ANY WORK. SUBMIT SHOP DRAWINGS OF WORK AS PER SPECIFICATIONS.

F. VERIFY IF EXISTING ASBESTOS WILL BE ENCOUNTERED PRIOR TO STARTING ANY WORK. IF ASBESTOS IS PRESENT, THE OWNER WILL PROVIDE FOR THE REMOVAL OF ANY MATERIAL CONTAINING ASBESTOS. SEE SPECIFICATIONS FOR FURTHER REQUIREMENTS.

G. COORDINATE PHASING OF WORK AND PROVIDE TEMPORARY PIPING AND SERVICES AS REQUIRED FOR THE IMPLEMENTATION OF WORK WHILE MAINTAINING SERVICES TO PORTIONS OF BUILDING TO REMAIN OCCUPIED.

H. SCHEDULE WORK TO AVOID DOUNTIME AND INCONVENIENCE TO OWNER. OWNER'S EXISTING FACILITY SHALL REMAIN IN OPERATION AT TIMES. REQUIRED SHUTDOUN OF EXISTING UTILITIES SHALL BE SCHEDULED WITH OWNER'S OPERATING PERSONNEL. NOTIFY OWNER'S REPRESENTATIVE 48 HOURS IN ADVANCE PRIOR TO ANY SHUTDOUN OF EXISTING SYSTEMS.

I. FIRE PROTECTION PIPING ROUTING TO BE FIELD COORDINATED WITH NEW AND EXISTING HVAC DUCTWORK, HVAC PIPING, PLUMBING PIPING AND STRUCTURE TO ENSURE NO CONFLICTS WILL OCCUR DUE TO INTERFERENCE.

J. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR HVAC DIFFUSER LAYOUT AND ELECTRICAL SPECIALTY DEVICES IN CONJUNCTION WITH ELECTRICAL LIGHTING, SPRINKLER HEAD LAYOUT, AND CEILING GRID SYSTEM.

K. COORDINATE EQUIPMENT ELECTRICAL REQUIREMENTS (VOLTAGES, PHASE, LOAD, ETC.) PRIOR TO ORDERING ANY EQUIPMENT.

L. INSTALL ELECTRIC ALARM DEVICES AND SUPERVISORY DEVICES. COORDINATE WIRING OF DEVICES.

M. VISIT SITE PRIOR TO BIDDING TO DETERMINE FIELD CONDITIONS. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS, EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC., SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW FIRE PROTECTION SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED.

N. EXISTING INFORMATION IDENTIFIED ON THE CONTRACT DOCUMENTS IS SCHEMATIC ONLY, AS AN AID TO THE CONTRACTOR, PROPERLY ADDRESS EXISTING CONDITIONS FOR A COMPLETE AND PROPER INSTALLATION OF NEW SYSTEMS. EXISTING EQUIPMENT NOT IDENTIFIED SHALL BE REPORTED IN WRITTEN FORM FOR REVIEW AS TO WHETHER THE EQUIPMENT SHALL REMAIN AND BE RECONNECTED TO THE NEW SERVICES, BE RELOCATED, BE ABANDONED, ETC.

O. HIDDEN CONDITIONS IDENTIFIED THROUGH THE COURSE OF CONSTRUCTION SHALL BE IMMEDIATELY REPORTED IN WRITTEN FORM FOR REVIEW AND DIRECTION. FAILURE TO DO SO SHALL MAKE THE CONTRACTOR RESPONSIBLE FOR REQUIRED CHANGES AND COSTS TO CORRECT SAID HIDDEN CONDITION.

P. COORDINATE NEW INSTALLATIONS WITH EXISTING SYSTEMS, EXISTING CONDUIT, PIPING, DUCTWORK, EQUIPMENT, ETC., SHALL BE REWORKED AS REQUIRED TO AVOID CONFLICTS WITH THE INSTALLATION OF THE NEW FIRE PROTECTION SYSTEMS. NO EXTRAS WILL BE ALLOWED AFTER BIDDING FOR ANY REWORK OF EXISTING FIELD CONDITIONS TO RESOLVE CONFLICTS OR NOT FULLY UNDERSTANDING THE SCOPE OF THE WORK REQUIRED.

Q. CUT OR CHANNEL INTO EXISTING WALL CONSTRUCTIONS AS REQUIRED FOR INSTALLATION OF NEW PIPING WITHIN EXISTING WALLS. PATCH WALL SURFACES AND FINISH AS REQUIRED TO MATCH EXISTING CONDITIONS

R. REMOVE EXISTING CEILINGS REQUIRED FOR INSTALLATION OF NEW WORK. REINSTALL CEILING UPON COMPLETION OF WORK - REPLACE DAMAGED CEILING MATERIALS TO MATCH EXISTING. GYPSUM BOARD CEILINGS: PROVIDE CONCEALED CONTROL JOINT AT EDGES ABUTTING EXISTING GYPSUM BOARD CEILINGS. TAPE IN NEW AREAS TO EXISTING FLUSH - PROVIDE TEXTURE TO MATCH EXISTING.

S. REMOVE EXISTING SPRINKLER HEADS AND ASSOCIATED BRANCH SPRINKLER PIPING COMPLETE AS REQUIRED. EXTEND AND MODIFY EXISTING PIPING AS REQUIRED FOR NEW SPRINKLER HEAD LAYOUT.

T. PATCH EXISTING CEILING, FLOOR, WALL AND ROOF OPENINGS AND SURROUNDING FINISHES RESULTING FROM REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT FINISH WILL MATCH EXISTING IN SURROUNDING AREAS.

U. PROVIDE FINISHING OF EXISTING CEILING, FLOOR, AND WALL SURFACES AT LOCATIONS EFFECTED BY REMOVAL OF EXISTING MATERIALS AND EQUIPMENT SO THAT NEW FINISH WILL MATCH EXISTING IN SURROUNDING AREAS.

W. REMOVE EXISTING CEILINGS AND LIGHT FIXTURES REQUIRED FOR INSTALLATION OF NEW WORK. REINSTALL CEILING AND LIGHT FIXTURES UPON COMPLETION OF WORK. REPLACE DAMAGED CEILING MATERIALS TO MATCH EXISTING.

X. CUT OR CHANNEL INTO EXISTING WALL CONSTRUCTIONS AS REQUIRED FOR INSTALLATION OF NEW PIPING WITHIN EXISTING WALLS. PATCH WALL SURFACES AND FINISH AS REQUIRED TO MATCH EXISTING CONDITIONS.

Y. SPRINKLER HEADS IN FINISHED CEILING SPACES SHALL BE CONCEALED TYPE. SPRINKLER HEADS IN UNFINISHED SPACES SHALL BE PENDENT, UPRIGHT, OR SIDEWALL TYPE.

Z. SPRINKLER HEADS LOCATED IN SUSPENDED LAY-IN CEILING SYSTEMS SHALL BE CENTERED IN EACH RESPECTIVE TILE. PROVIDE 6" SWINGS TO PLACE THE SPRINKLER IN THE CENTER OF THE TILE.

AA. PIPING SHALL BE HYDROSTATICALLY TESTED AT 200 PSI OR 50 PSI OVER THE MAXIMUM OPERATING PRESSURE, WHICHEVER IS GREATER, FOR A PERIOD OF TWO HOURS.

BB. PIPES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE IN ACCORDANCE WITH THE LATEST NFPA 13.

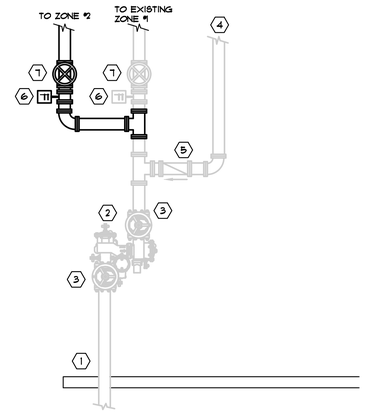
CC. PIPING, EQUIPMENT, ETC. SHALL NOT BE SUPPORTED FROM THE BOTTOM CHORD OF ENGINEERED JOISTS WITHOUT WRITTEN APPROVAL FROM THE STRUCTURAL ENGINEER.

DD. WET SYSTEM PIPING SHALL BE INSTALLED LEVEL, TO DRAIN BACK TO THE SYSTEM RISER. TRAPPED SECTIONS OF PIPING SHALL HAVE AUXILIARY DRAIN CONNECTIONS IN ACCORDANCE WITH LATEST NFPA 13.

CC. PROVIDE 1" INSPECTOR'S TEST CONNECTIONS FOR EACH ZONE TO ALLOW THE FLOW TESTING OF THE WATER FLOW INDICATOR SWITCH IN THE SPRINKLER RISER. THE TEST CONNECTION SHALL HAVE A 1" GLOBE VALVE LOCATED AT 7'-0" ABOVE THE FLOOR AND SHALL BE ARRANGED TO DISCHARGE THROUGH A 1/2" SMOOTH BORE BRASS BUSHING.

FIRE PROTECTION SERVICE DIAGRAM

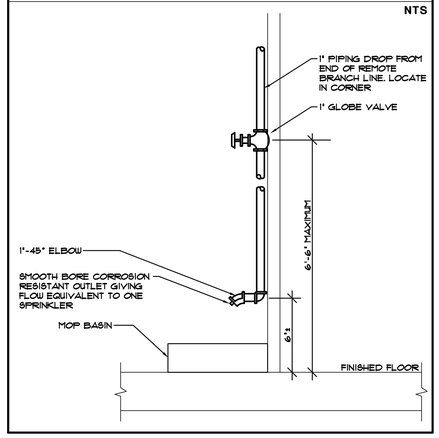
NTS

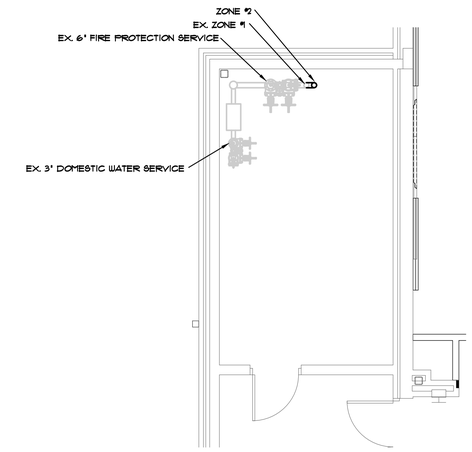


1. EX. 6" INCOMING WATER SERVICE
2. EX. DOUBLE DETECTOR CHECK VALVE ASSEMBLY WITH METER BY-PASS.
3. EX. 6" OS&Y VALVE W/ TAMPER SWITCH
4. EX. 4" FIRE DEPARTMENT LINE TO WALL MOUNTED STORZ CONNECTION
5. EX. 6" CHECK VALVE
6. FLOW SWITCH
7. 6" OS&Y VALVE W/ TAMPER SWITCH

INSPECTOR'S TEST PIPE DETAIL

NTS





ENLARGED MECHANICAL ROOM PLAN - FIRE PROTECTION

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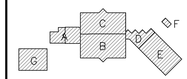
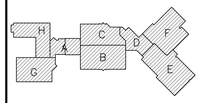


SECOND FLOOR KEY PLAN



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DRAWING
FIRE PROTECTION SYMBOLS, DETAILS & DIAGRAMS

PROJECT
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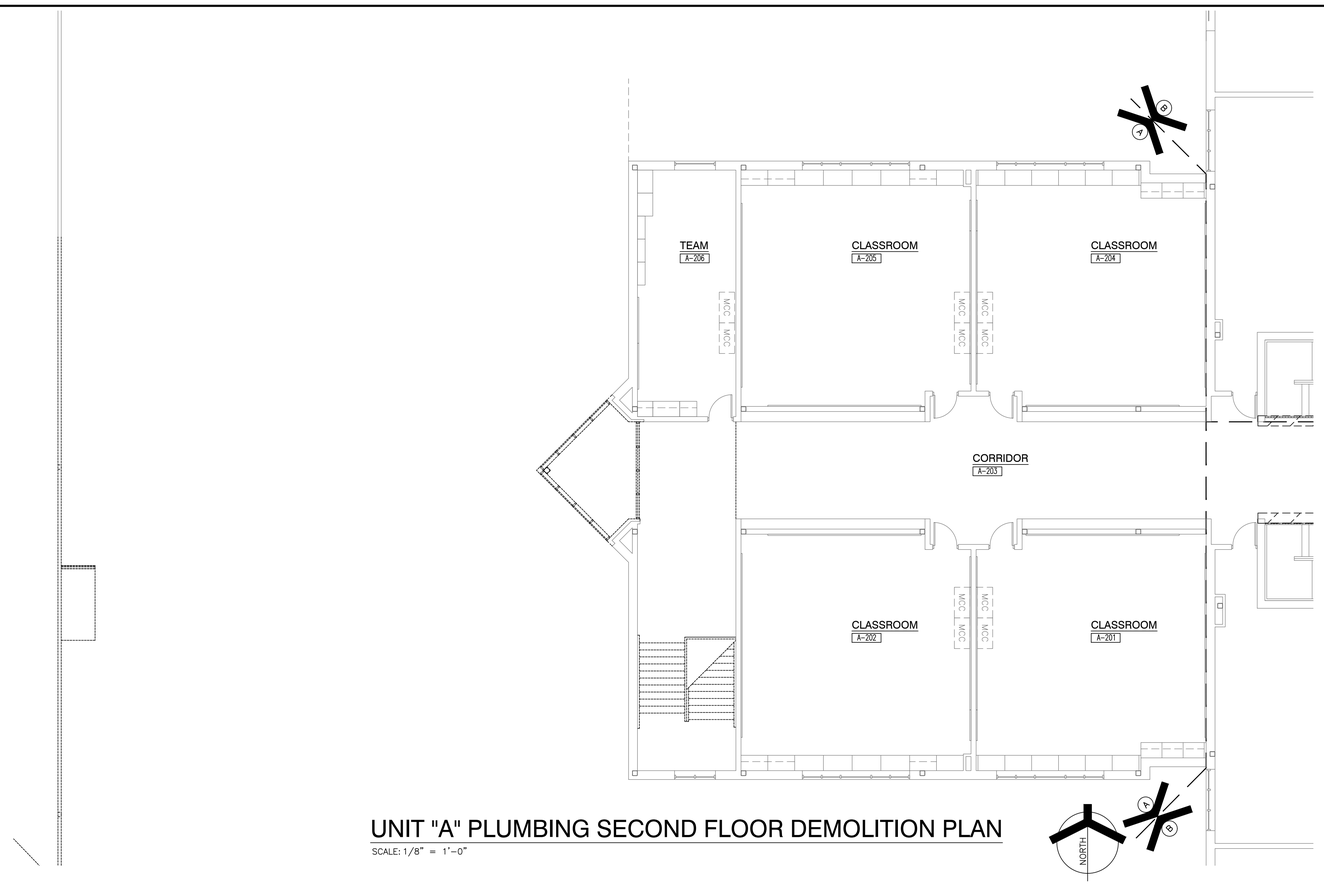


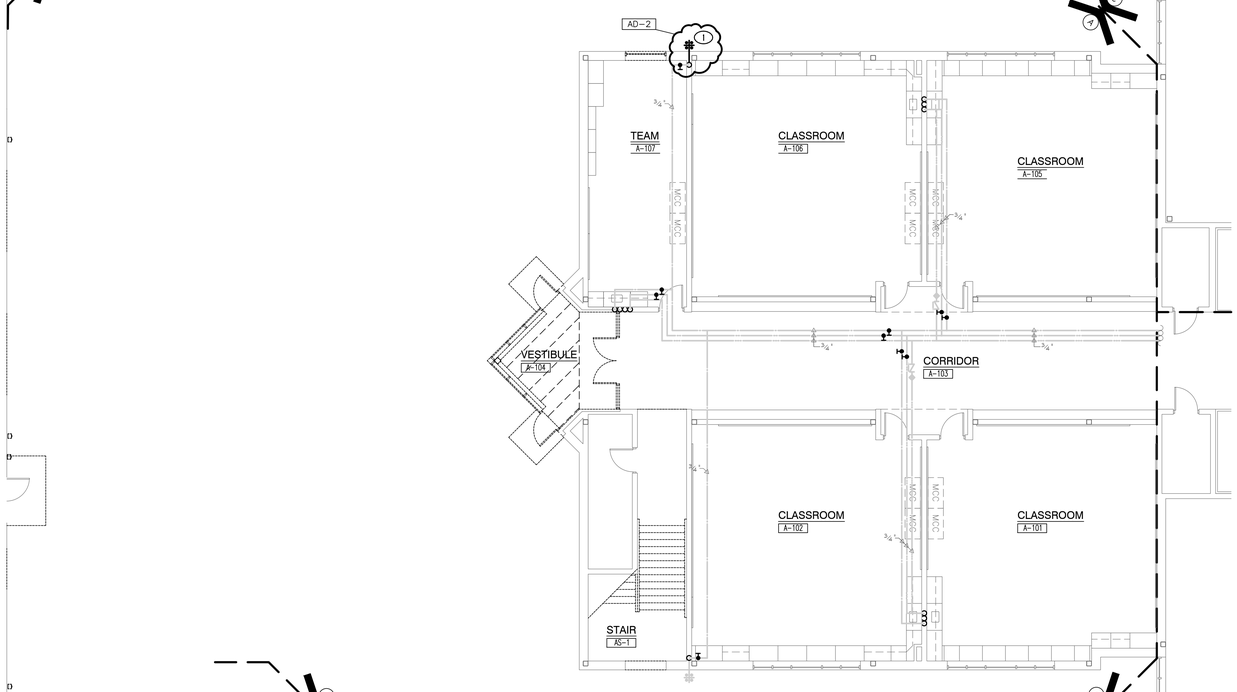
UNIT "A" PLUMBING SECOND FLOOR DEMOLITION PLAN

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

SHEET NOTES

AD-2

1. REMOVE EXISTING SILLCOCK, ALL ASSOCIATED COLD WATER PIPING TO REMAIN FOR NEW SILLCOCK COMPLETE AS REQUIRED.



UNIT "A" PLUMBING FIRST FLOOR DEMOLITION PLAN

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

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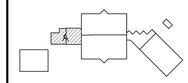
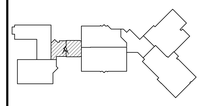
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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DRAWING
UNIT "A" PLUMBING FIRST & SECOND FLOOR DEMOLITION PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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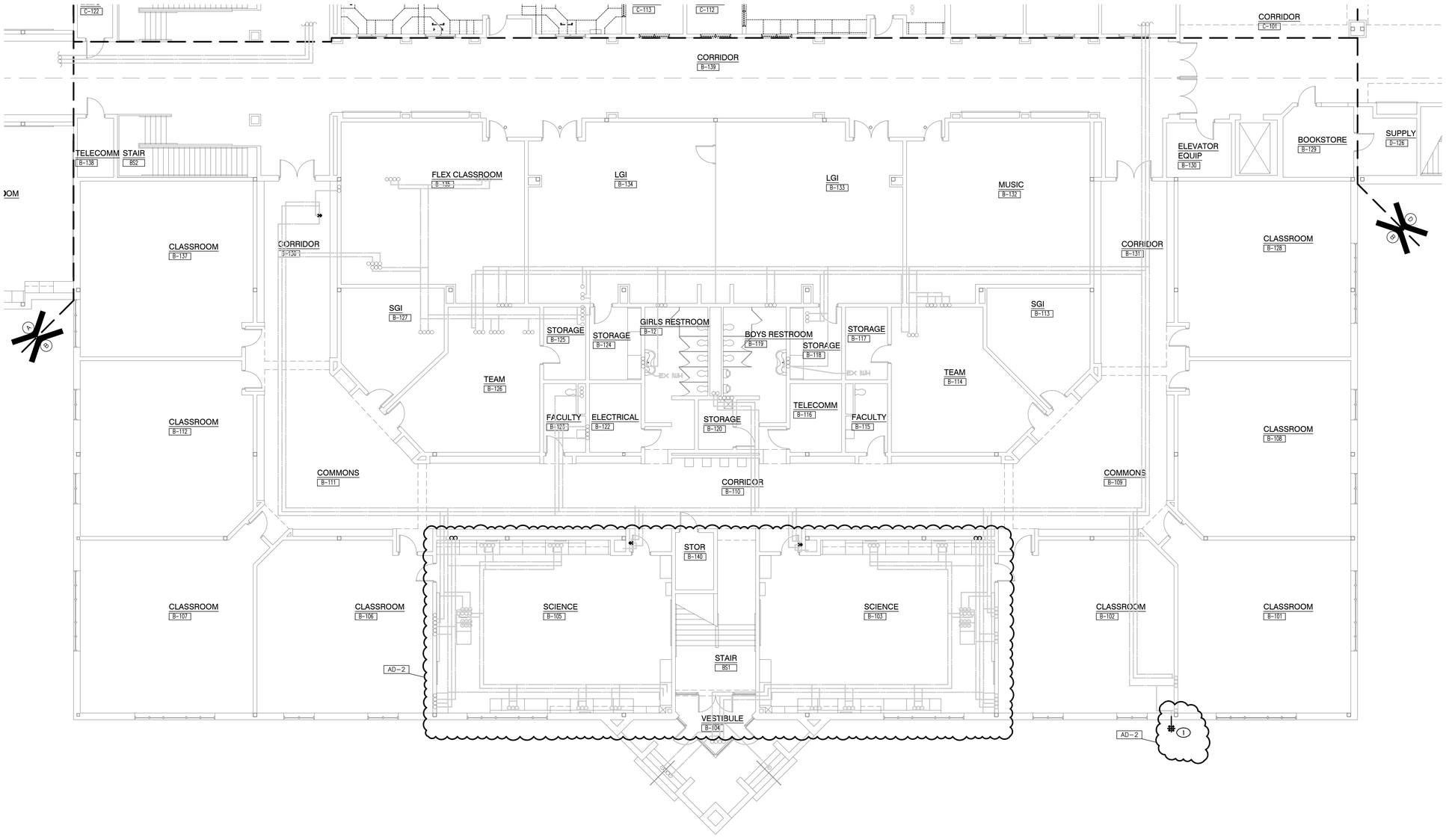
SHEET NOTES

AD-2

1. REMOVE EXISTING SILLCOCK AND ALL ASSOCIATED COLD WATER PIPING COMPLETE AS REQUIRED.



UNIT "B" PLUMBING FIRST FLOOR DEMOLITION PLAN

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

NORTH

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PROJECT
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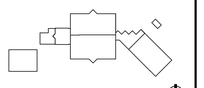
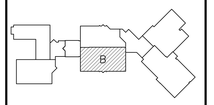
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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CHECKED BY DJ

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

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DRAWING
UNIT "B" PLUMBING FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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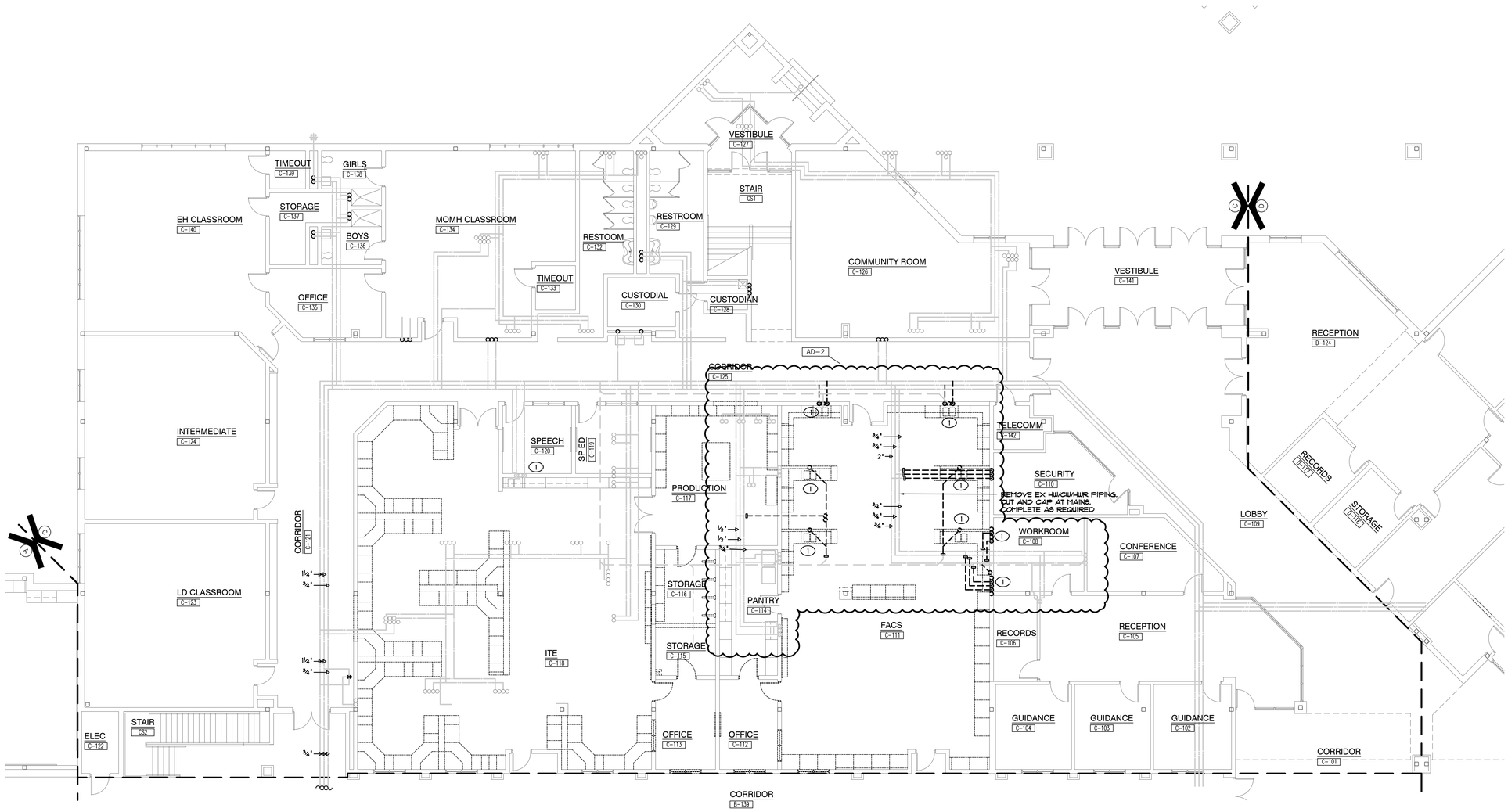
SHEET NOTES

1. REMOVE EXISTING SINK AND FAUCET AND ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.



UNIT "C" PLUMBING FIRST FLOOR DEMOLITION PLAN

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

NORTH

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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UNIT "C" PLUMBING FIRST FLOOR DEMOLITION PLAN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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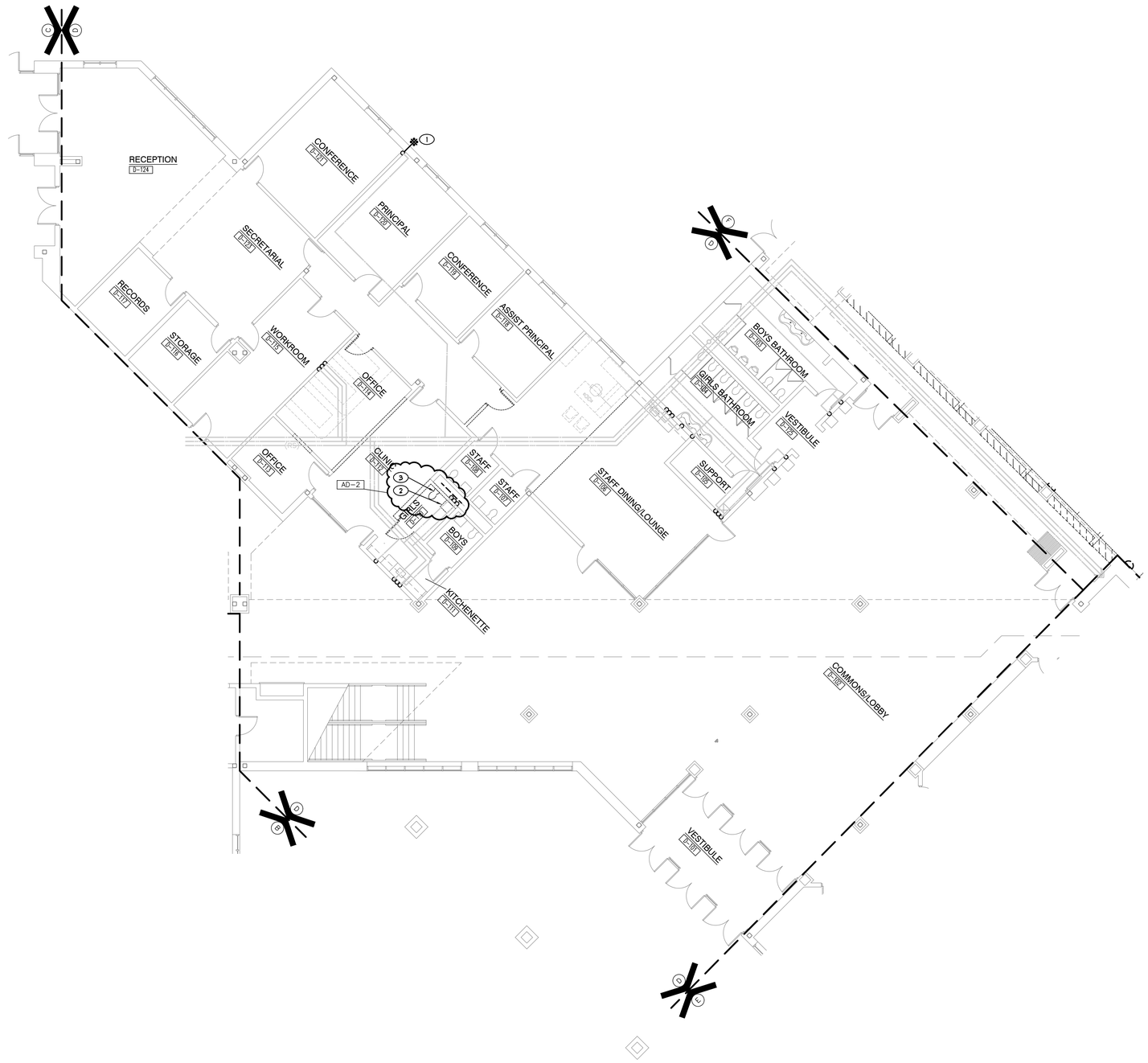
SHEET NOTES

1. REMOVE EXISTING SILLCOCK AND ALL ASSOCIATED COLD WATER PIPING COMPLETE AS REQUIRED.
2. REMOVE EXISTING LAVATORY AND FAUCET. ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING SHALL BE MODIFIED FOR CONNECTION TO NEW LAVATORY COMPLETE AS REQUIRED.
3. REMOVE EXISTING WATER CLOSET AND FLUSH VALVE. ALL ASSOCIATED COLD WATER, SANITARY AND VENT PIPING SHALL BE MODIFIED FOR CONNECTION TO NEW WATER CLOSET COMPLETE AS REQUIRED.



UNIT "D" PLUMBING FIRST FLOOR DEMOLITION PLAN

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

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PROJECT
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CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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DRAWING
UNIT "D" PLUMBING FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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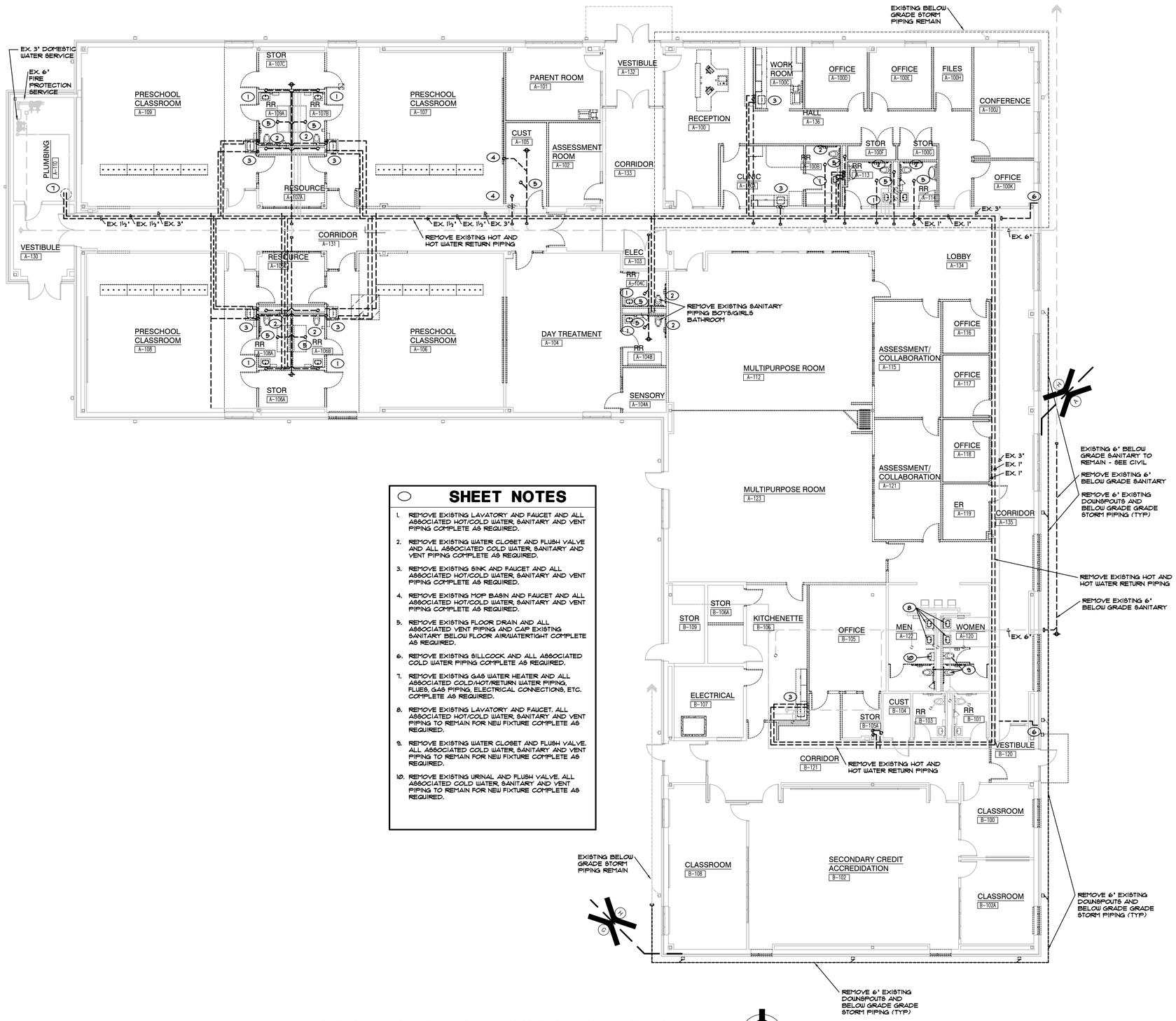

SHEET NOTES

1. REMOVE EXISTING LAVATORY AND FAUCET AND ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
2. REMOVE EXISTING WATER CLOSET AND FLUSH VALVE AND ALL ASSOCIATED COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
3. REMOVE EXISTING SINK AND FAUCET AND ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
4. REMOVE EXISTING MOP BASIN AND FAUCET AND ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING COMPLETE AS REQUIRED.
5. REMOVE EXISTING FLOOR DRAIN AND ALL ASSOCIATED VENT PIPING AND CAP EXISTING SANITARY BELOW FLOOR AIR/WATERTIGHT COMPLETE AS REQUIRED.
6. REMOVE EXISTING SILLCOCK AND ALL ASSOCIATED COLD WATER PIPING COMPLETE AS REQUIRED.
7. REMOVE EXISTING GAS WATER HEATER AND ALL ASSOCIATED COLD/HOT/RETURN WATER PIPING, FLUES, GAS PIPING, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
8. REMOVE EXISTING LAVATORY AND FAUCET. ALL ASSOCIATED HOT/COLD WATER, SANITARY AND VENT PIPING TO REMAIN FOR NEW FIXTURE COMPLETE AS REQUIRED.
9. REMOVE EXISTING WATER CLOSET AND FLUSH VALVE. ALL ASSOCIATED COLD WATER, SANITARY AND VENT PIPING TO REMAIN FOR NEW FIXTURE COMPLETE AS REQUIRED.
10. REMOVE EXISTING URINAL AND FLUSH VALVE. ALL ASSOCIATED COLD WATER, SANITARY AND VENT PIPING TO REMAIN FOR NEW FIXTURE COMPLETE AS REQUIRED.

UNIT "H" PLUMBING FIRST FLOOR DEMOLITION PLAN

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

AD-2 ENTIRE SHEET REVISED IN THIS ADDENDUM

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PROJECT
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CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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DRAWING
UNIT "H" PLUMBING FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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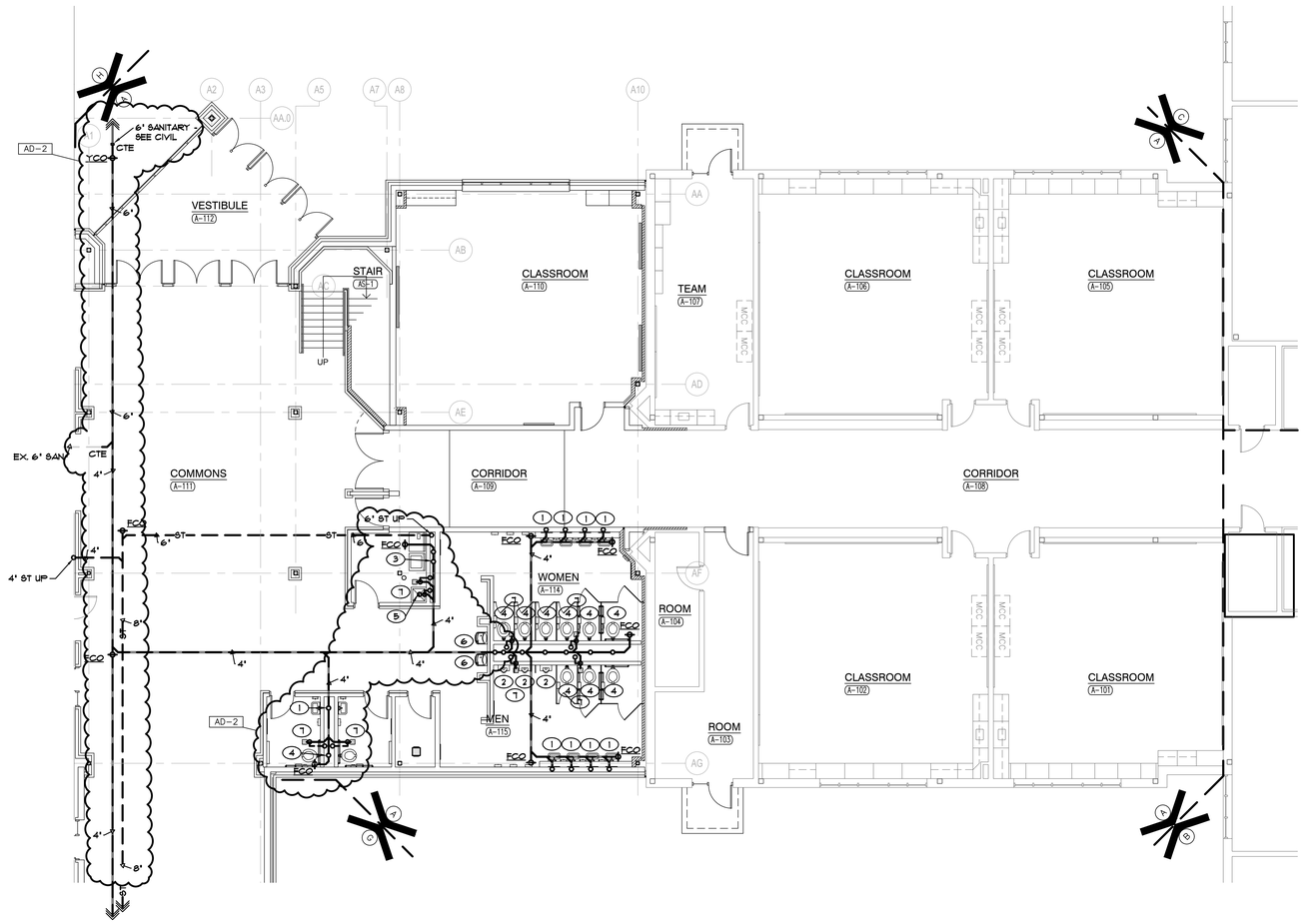
SHEET NOTES

1. 1½" SANITARY UP TO LAVATORY.
2. 1½" SANITARY UP TO URINAL
3. 2" SANITARY UP TO PLUMBER'S BOX
4. 4" SANITARY UP TO WATER CLOSET
5. 4" SANITARY UP TO MOP BASIN.
6. 1½" SANITARY UP TO ELECTRIC WATER COOLER
7. 4" SANITARY UP TO FLOOR DRAIN.



UNIT "A" PLUMBING UNDERFLOOR PLAN

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

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CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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CHECKED BY DJ

DAVID G. JANNEY
REGISTERED
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DRAWING
UNIT "A" PLUMBING UNDERFLOOR PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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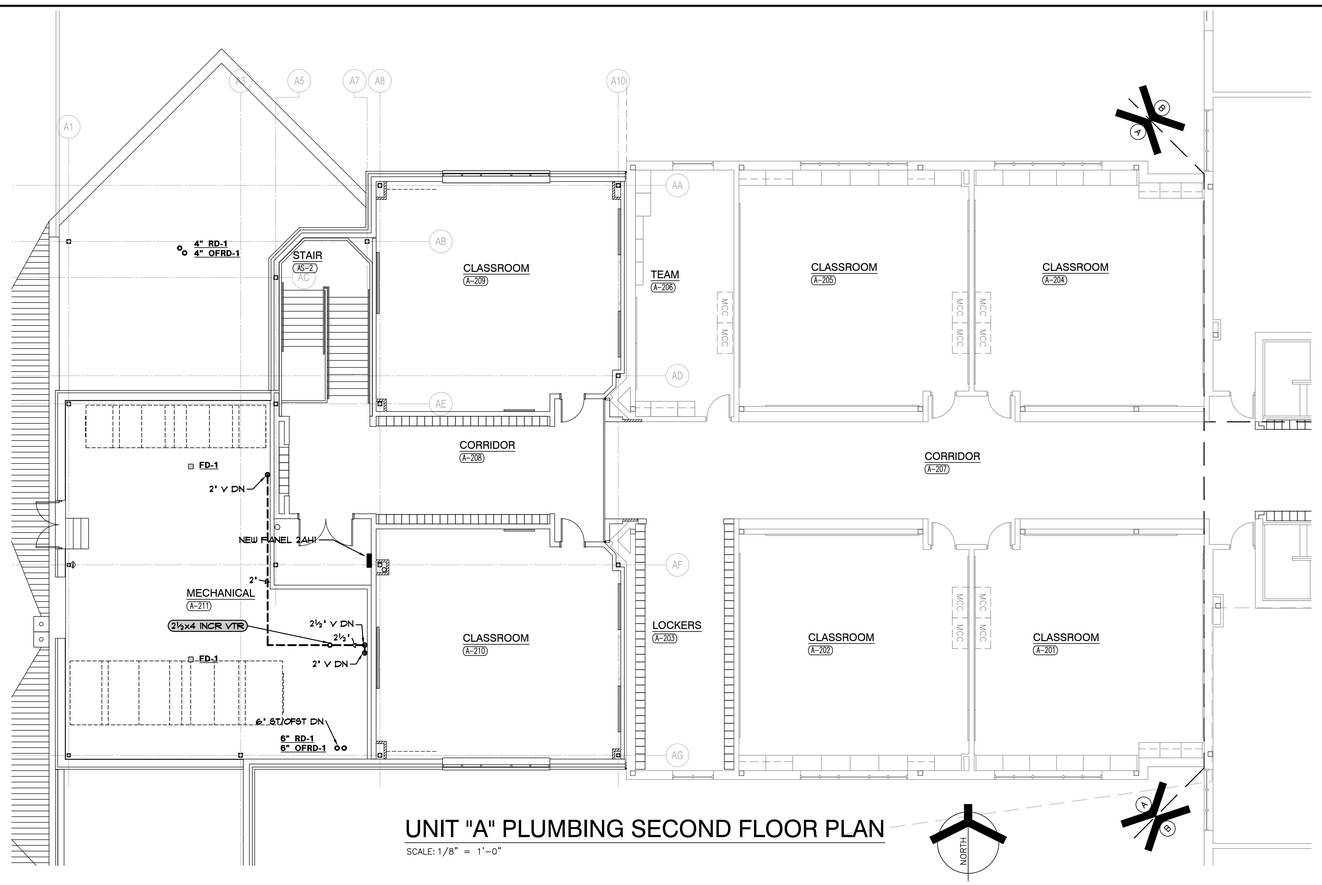
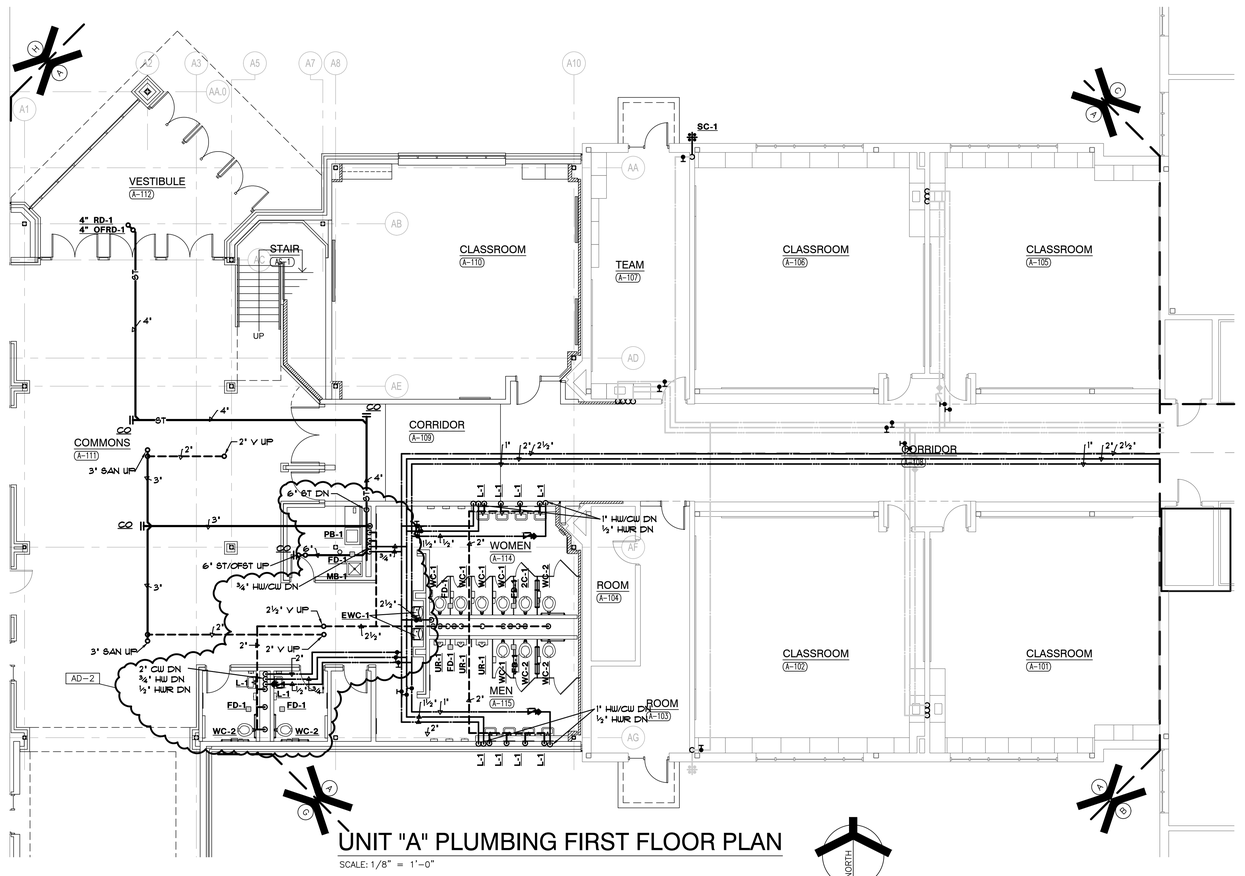


UNIT "A" PLUMBING SECOND FLOOR PLAN

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



UNIT "A" PLUMBING FIRST FLOOR PLAN

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

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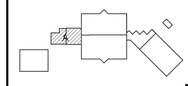
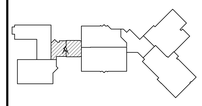


SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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DRAWING
UNIT "A" PLUMBING FIRST & SECOND FLOOR PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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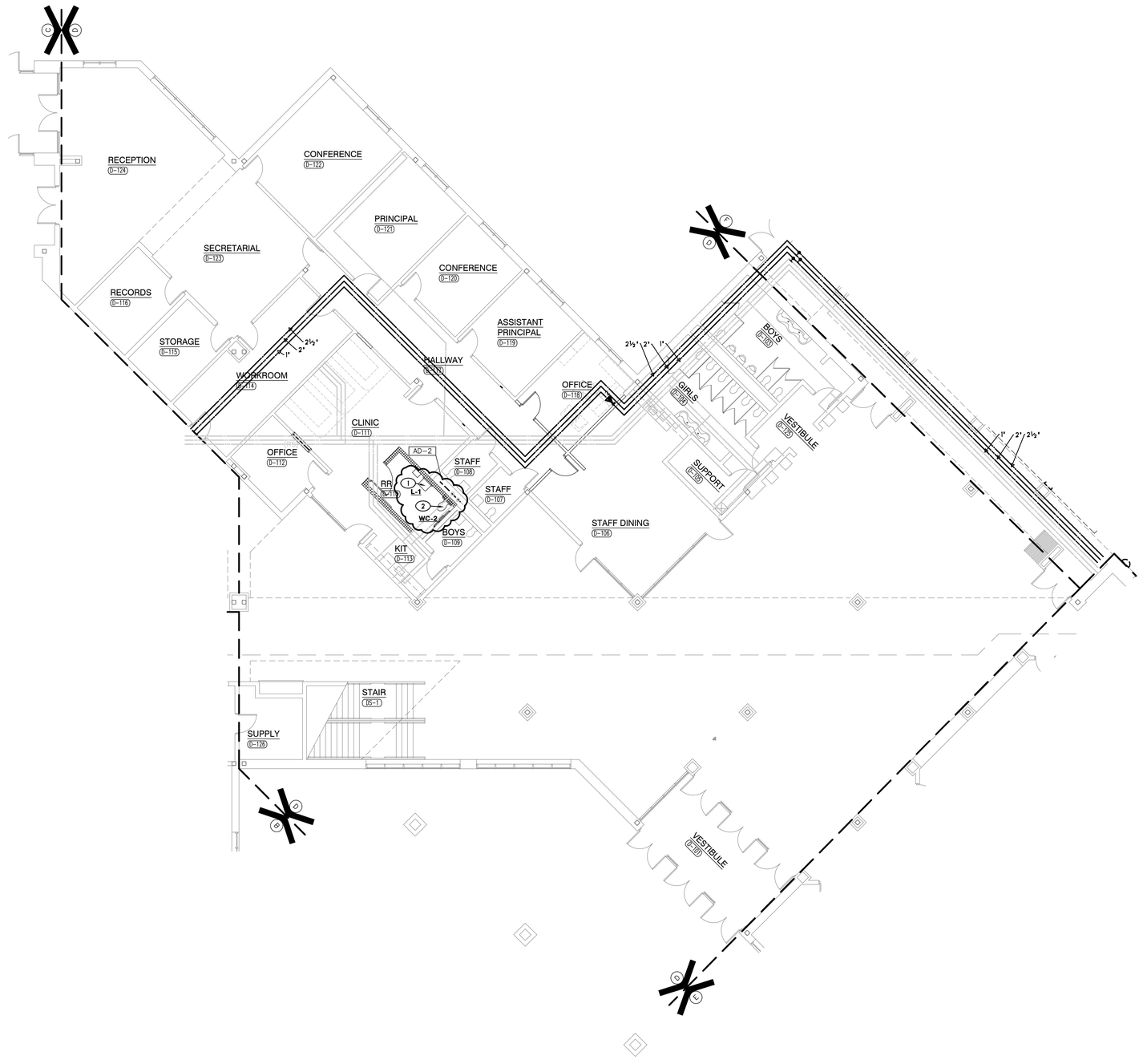
SHEET NOTES

AD–2

1. EXISTING HOT/COLD WATER AND VENT PIPING SHALL BE MODIFIED FOR CONNECTION TO NEW LAVATORY COMPLETE AS REQUIRED.
2. EXISTING COLD WATER AND VENT PIPING SHALL BE MODIFIED FOR CONNECTION TO NEW WATER CLOSET COMPLETE AS REQUIRED.



UNIT "D" PLUMBING FIRST FLOOR PLAN

SCALE: 1/8" = 1'–0"

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PROJECT
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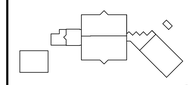
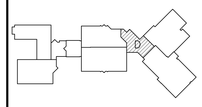
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21–106
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DRAWN BY BAK/AG/MD
CHECKED BY DJ

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DRAWING
UNIT "D" PLUMBING FIRST FLOOR PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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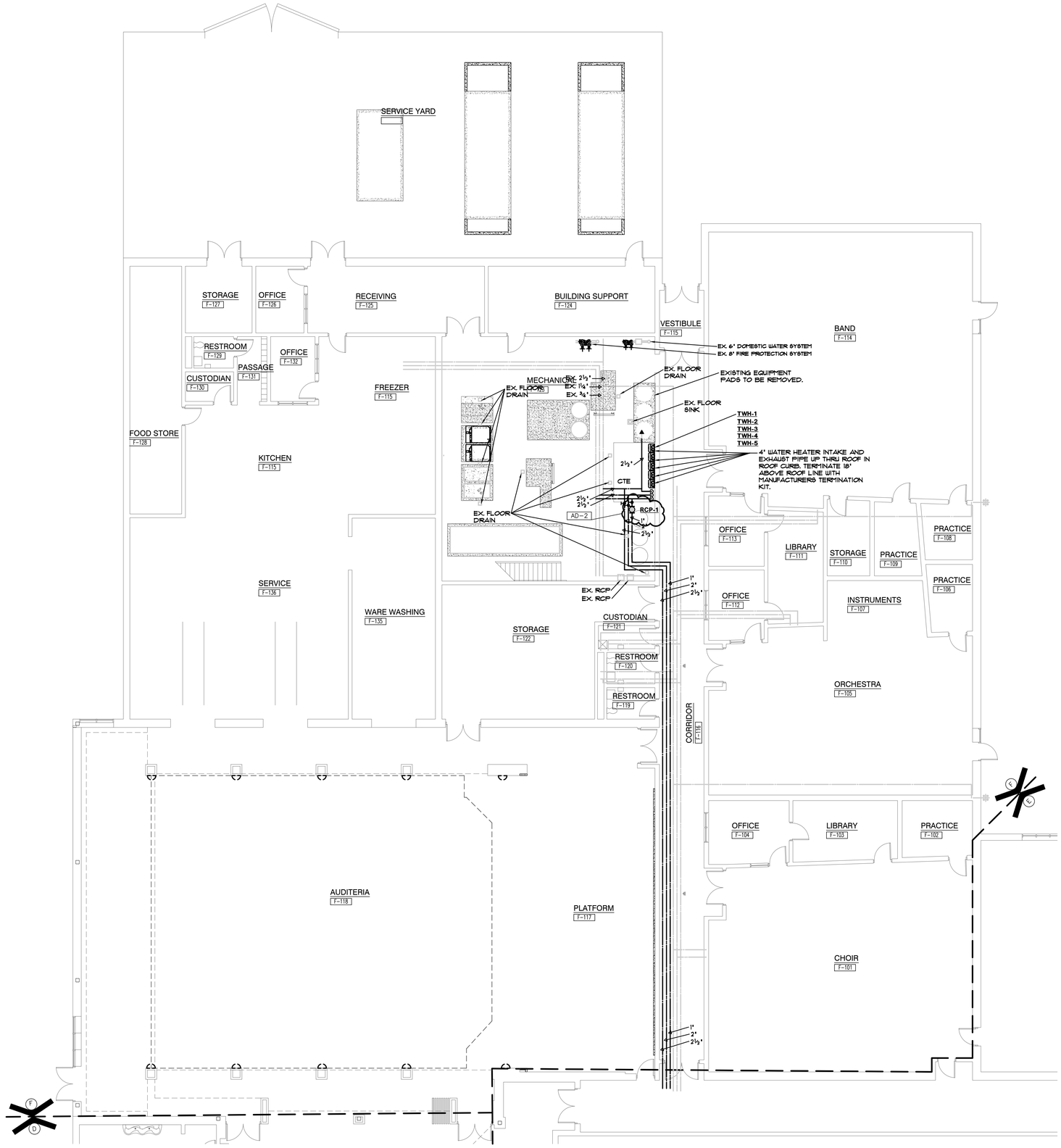

UNIT "F" PLUMBING FIRST FLOOR PLAN

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

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PROJECT
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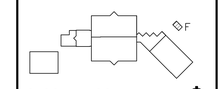
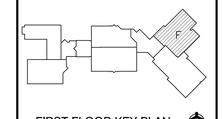


SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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DRAWING
UNIT "F" PLUMBING FIRST FLOOR PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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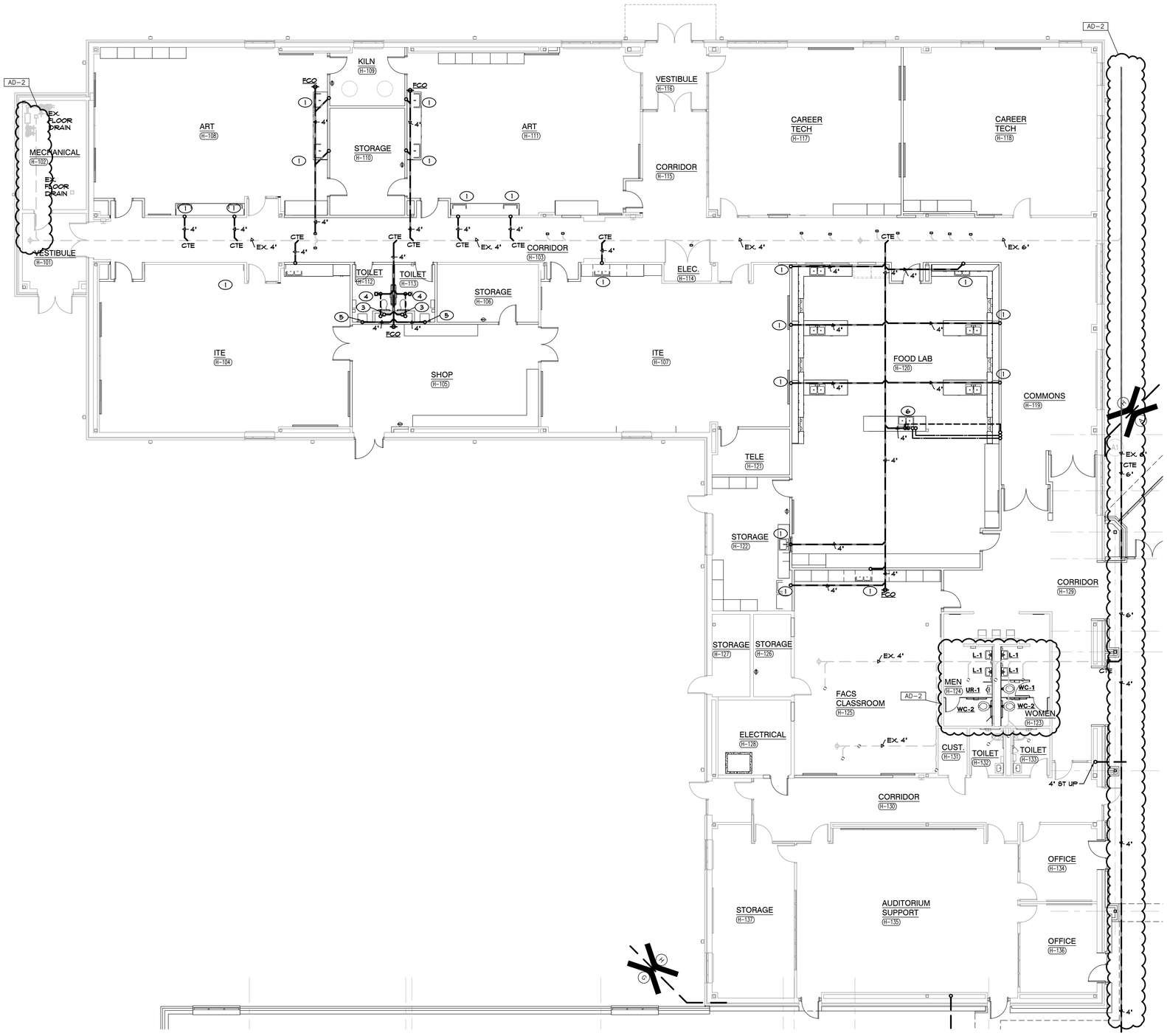
SHEET NOTES

1. 2" SANITARY UP TO SINK
2. 2" SANITARY UP TO PLUMBER'S BOX
3. 4" SANITARY UP TO WATER CLOSET
4. 4" SANITARY UP TO FLOOR DRAIN
5. 1½" SANITARY UP TO LAVATORY
6. 2" SANITARY UP TO SINK AND 1½" VENT UP (ISLAND SINK)



UNIT "H" PLUMBING UNDERFLOOR PLAN

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

NORTH

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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DRAWING
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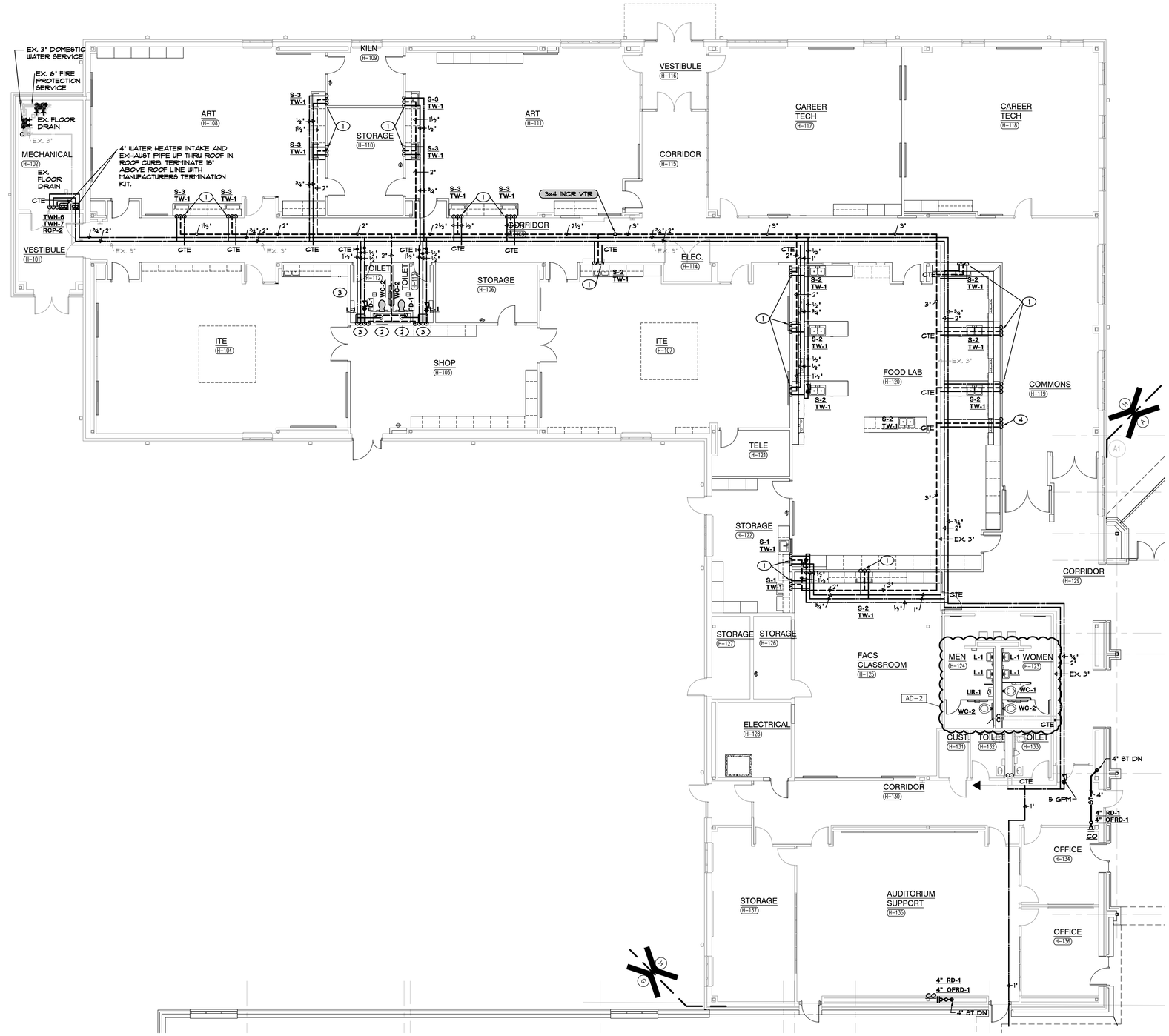
SHEET NOTES

1. ½" HW/CW DN
   1½" V DN
   2" SAN DN
2. 1½" CW DN
   2" V DN
   4" SAN DN
3. ½" HW/CW DN
   1½" V DN
   1½" SAN DN
4. ½" HW/CW DN
   1½" V DN BELOW GRADE (ISLAND VENT)
   2" SAN DN



UNIT "H" PLUMBING FIRST FLOOR PLAN

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

AD-2 ENTIRE SHEET REVISED IN THIS ADDENDUM

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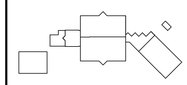
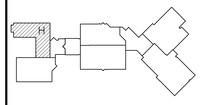
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



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DRAWING
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PROJECT
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SYMBOL LIST

TECHNOLOGY

- ELECTRIC DOOR STRIKE - STUB ¾" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.
- DOOR STATUS SENSOR - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- PROXIMITY CARD READER - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- VOLUME CONTROL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- MIC INPUT - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- 2/LI VOICE/DATA OUTLET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- DATA OUTLET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- W VOICE OUTLET WALL MOUNTED TELEPHONE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- SPEAKER, HORN TYPE - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- VIDEO PROJECTOR CEILING MOUNTED - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION. COORDINATE EXACT MOUNTING HEIGHT OF ADJACENT POWER OUTLET WITH LOW VOLTAGE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- TV PANEL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION. COORDINATE EXACT MOUNTING HEIGHT OF ADJACENT POWER OUTLET WITH LOW VOLTAGE EQUIPMENT INSTALLER PRIOR TO ROUGH-IN.
- SOUND CABINET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- WALKER RFB4 SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX RECEPTACLES AND ROUGH-IN FOR DATA JACKS - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION FOR LOW VOLTAGE ROUGH-IN. PROVIDE SCRUB-RESISTANT COVER AND COORDINATE FINISH WITH ARCHITECT.
- 2 WALKER RFB4 SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX RECEPTACLES AND ROUGH-IN FOR DATA JACKS AND MIC INPUT - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION FOR LOW VOLTAGE ROUGH-IN. PROVIDE SCRUB-RESISTANT COVER AND COORDINATE FINISH WITH ARCHITECT.
- WAP WIRELESS LAN ACCESS POINT OUTLET WALL MOUNTED - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- V A VIDEO SURVEILLANCE CAMERA OUTLET EXTERIOR WALL - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

AD-2

EQUIPMENT AND WIRING

- JUNCTION BOX - SIZE AND TYPE AS REQUIRED.
- FLEX CONDUIT CONNECTION
- JUNCTION BOX W/ FLEX CONDUIT CONNECTION.
- ELECTRIC MOTOR CONNECTION - PROVIDE LOCAL DISCONNECT SWITCH PER NATIONAL ELECTRIC CODE - CONNECT MISCELLANEOUS ACCESSORIES SUCH AS BACK DRAFT DAMPERS, ETC. COMPLETE AS REQUIRED.
- ELECTRIC PANELBOARDS.
- DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED - COORDINATE AMPERE RATING WITH EQUIPMENT SUPPLIER
- COMBINATION MAGNETIC STARTER WITH DISCONNECT SWITCH.
- MAGNETIC STARTER
- T TRANSFORMER - SIZE AND TYPE AS REQUIRED
- SP SURGE SUPPRESSION DEVICE
- TELEPHONE TERMINAL BOARD
- T.T.B. CONDUIT STUB INTO ACCESSIBLE CEILING SPACE TERMINATE W/ INSULATING BUSHING
- CONDUIT CONCEALED ABOVE CEILING OR IN WALL
- CONDUIT CONCEALED IN OR BELOW FINISHED FLOOR.
- CONDUIT EXPOSED ON CEILING, WALL OR BAR JOIST - ROUTED IN NEAT MANNER
- FLEXIBLE CONDUIT - ROUTED IN NEAT MANNER WITHIN CHASE OF CASEWORK.
- LP-A1 HOMERUN TO PANEL INDICATING PANEL AND CIRCUIT BREAKER NUMBER WITHIN THE PANEL.
- INDICATES NUMBER OF CONDUCTORS IN CONDUIT (CONTRACTOR SHALL VERIFY AND INSTALL ADDITIONAL WHERE REQUIRED) CROSS HATCHED INDICATES NUMBER OF CONDUCTORS (HOT OR SWITCHED LEG, NEUTRAL, GROUND)
- ADA DOOR OPERATOR PUSH BUTTON FURNISHED BY OTHERS, WIRED AND INSTALLED BY CONTRACTOR. PROVIDE TWO (2) GANG BACK-BOX MOUNTED AT 42" A.F.F. WITH ¾"C. ROUTED TO DOOR OPERATOR.
- SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS, WIRED BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER.
- CP CONTROL PANEL
- VFD VARIABLE FREQUENCY DRIVE
- PALM BUTTON, MECHANICALLY HELD W/INTEGRAL KEYED RELEASE
- FURNISH 'ASCO', 120V, NORMALLY CLOSED SOLENOID VALVE FOR USE WITH LIQUID GAS OR AIR, BRASS BODY CONSTRUCTION, MOUNTABLE IN ANY POSITION. COORDINATE PIPE SIZE AND REQUIREMENTS IN FIELD.
- H HAND DRYER (MODEL SPECIFIED BY ARCHITECT), REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING LOCATION.

AD-2

SHEET SYMBOLS

- X HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE
- 1 ELLIPSE TAG REFERENCE TO SHEET NOTES

TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING.

RN REMOVE EXISTING DEVICE AND PROVIDE NEW AS INDICATED IN EXISTING BACK BOX, JUNCTION BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX, JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT NEW DEVICE AS INDICATED.

NI F41 NEW DEVICE AS INDICATED.

EX EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN.

ER EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE REMOVED COMPLETE IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE MOUNTED CONDUIT, OUTLETS, ETC. AND BLANK-OFF FLUSH WITH NEW OR EXISTING CONSTRUCTION. SEE GENERAL NOTES AND SPECIFICATIONS FOR ADDITIONAL INFORMATION.

RR REMOVE EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE TO NEW LOCATION COMPLETE AS REQUIRED.

NE NEW LOCATION OF EXISTING RELOCATED LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. EXTEND CONDUIT, WIRE, CABLE, ETC. COMPLETE AS REQUIRED TO NEW LOCATION FOR A COMPLETE AND PROPER INSTALLATION.

FIRE ALARM

* NOTE:
FIRE ALARM DEVICES, MOUNTING HEIGHT, ETC. SHALL COMPLY WITH 'ADA' STANDARDS.

- AD MOTORIZED DAMPER - E.C. TO INTERLOCK COMPLETE AS REQUIRED.
- FACP FIRE ALARM CONTROL PANEL
- FAA FIRE ALARM ANNUNCIATOR PANEL
- AD AUTOMATIC DIALER FOR FIRE, ELEVATOR, AND/OR SECURITY SYSTEM. EXTEND (2) TELEPHONE LINES TO EACH DIALER FROM T.T.B.
- FIRE ALARM PULL STATION MTD 42"AFF.
- FIRE ALARM AUDIO/VISUAL DEVICE MTD. 80" AF. OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. - 110 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. - 15 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. - 75 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF. - 110 CANDELA
- FIRE ALARM STROBE ONLY MTD 80" AFF.
- P FIRE ALARM SYSTEM HEAT DETECTOR - COMBINATION TYPE (R/R - FIXED TEMP.) IN BOILER ROOM
- SD FIRE ALARM SYSTEM SMOKE DETECTOR - CEILING MOUNTED - ABOVE FACP
- SD D FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR WIRED TO CONTROL LOCAL FAN SHUT DOWN RELAY - DUCT DETECTOR TO BE MOUNTED IN AIR DUCT SYSTEM AND WIRED PER MANUFACTURER'S RECOMMENDATIONS AND NFPA 72
- RT REMOTE SMOKE DETECTOR TEST STATION WITH LED AND KEYED SWITCH.
- R FIRE ALARM CONTROL RELAY IN AIR HANDLING UNIT CONTROL PANEL WIRED TO SHUT DOWN FANS UPON FIRE ALARM SYSTEM ACTIVATION - NOTE: FANS TO AUTOMATICALLY RESTART UPON FIRE ALARM SYSTEM RESET. ALSO, RELAYS SHALL BE INTERFACED TO FIRE DOORS TO DISENGAGE UPON ACTIVATION OF THE FIRE ALARM SYSTEM.
- SFD SMOKE FIRE DAMPER, CONNECT CONTROL WIRING TO ASSOCIATED SMOKE DUCT DETECTORS.
- SM SMOKE DAMPER, CONNECT CONTROL WIRING TO ASSOCIATED SMOKE DUCT DETECTORS.
- FS FIRE PROTECTION SPRINKLER FLOW SWITCH
- TS FIRE PROTECTION SPRINKLER TAMPER SWITCH
- FIRE PROTECTION SPRINKLER ALARM BELL - INSTALLED AND WIRED
- ELECTROMAGNETIC WALL MOUNTED DOOR HOLDER OR WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME.
- CO FURNISH AND INSTALL DIGITAL CARBON MONOXIDE SENSING PROBES - MSA Z GARD S SENSORS OR APPROVED EQUAL WITH ¾"C. AND WIRING ROUTED TO CARBON MONOXIDE CONTROL PANEL. COORDINATE REQUIREMENTS WITH MANUFACTURER AND SPECIFICATIONS. MOUNT UNIT AT 48" A.F.F.

SWITCHING

- $ GENERAL PURPOSE 1-POLE SWITCH - (TYPICAL - MOUNTED 42" A.F.F.) (HUBBELL OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WHERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL SEQUENCE.
- $3 GENERAL PURPOSE 3-WAY SWITCH MTD 42" AFF (HUBBELL OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WHERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL SEQUENCE.
- $4 GENERAL PURPOSE FOUR WAY SWITCH MTD. 42" AFF (HUBBELL OR EQUAL) PROVIDE LOW VOLTAGE STYLE SWITCH WHERE REQUIRED TO INTERFACE WITH LIGHTING CONTROL POWER PACK TO ACCOMPLISH REQUIRED LIGHTING CONTROL SEQUENCE.
- $MI FURNISH AND INSTALL WALL SWITCH SINGLE BUTTON DUAL TECHNOLOGY OCCUPANCY SENSOR WITH MANUAL ON OPERATION MTD 42" AFF. SENSORSWITCH WSX-PDT OR APPROVED EQUAL BY EATON, LEVITON OR HUBBELL CONTROLS.
- Ø-10V DIMMER SWITCH - (TYPICAL - MOUNTED 42" A.F.F.) (PROVIDE LEVITON OR LUTRON DIMMER - COORDINATE EXACT MODEL WITH OWNER AND WITH FIXTURE MANUFACTURER FOR COMPATIBILITY.)
- MS FURNISH AND INSTALL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH POWER PACK. MANUFACTURERS: SENSORSWITCH "CM-PDT-10-TYP-20 (WITH MICROPHONICS) OR APPROVED EQUAL BY EATON, LEVITON OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.
- MS H FURNISH AND INSTALL CEILING MOUNTED HIGH BAY OCCUPANCY SENSOR WITH POWER PACK. MANUFACTURERS: SENSORSWITCH "CM-6 OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.
- PC EXTERIOR LIGHTING CONTROL PHOTOCELL
- $K KEY OPERATED TOGGLE TYPE SWITCH
- $PS PROJECTOR SCREEN SWITCH ROUGH-IN. PROVIDE SUITABLE BACK BOX AND STAINLESS STEEL ENGRAVED COVER PLATE FOR SWITCH DEVICES FURNISHED BY EQUIPMENT SUPPLIER.
- $ MANUAL STARTING SWITCH WITH THERMAL OVERLOAD PROTECTION
- $ UTILITY CONTROLLER FOR SCIENCE LAB SHUT OFF SWITCHES AND EQUIPMENT RECESSED MOUNTED IN WALL. REFER TO THE SCIENCE ROOM SHUT-OFF SCHEMATIC WIRING DIAGRAM FOR ADDITIONAL INFORMATION.
- $MC K MOMENTARY CONTACT KEY OPERATED SWITCH WITH PILOT LIGHT AND ENGRAVED ID COVER PLATE.

AD-2

RECEPTACLES

- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #5362 OR EQUAL.)
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPLASH IF LOCATED ABOVE COUNTER) (HUBBELL #5362 OR EQUAL)
- 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED AT SPECIAL HEIGHT - COORDINATE IN FIELD.) (HUBBELL #5362 OR EQUAL)
- 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #GF20 OR EQUAL)
- 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPLASH IF LOCATED ABOVE COUNTER) (HUBBELL #GF20 OR EQUAL)
- SPECIAL PURPOSE OUTLET (AS NOTED ON PLAN OR SPECIFICATIONS).
- 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION (HUBBELL #GF20 OR EQUAL) - MOUNTED IN WIREMOLD #525 SERIES ABOVE FLOOR BOX. PROVIDE FLOOR BOX AND ADAPTER TO MOUNT TO BOX.
- REEL CORD WITH 45' CORD AND 20A DUPLEX GFCI RECEPTACLE, HUBBELL #HBL45123GF20 OR EQUAL, COMPLETE WITH BALL STOP, AND ALL OTHER APPURTENANCES NECESSARY FOR A COMPLETE AND PROPER INSTALLATION. MOUNT REEL CORD TO THE STRUCTURE ABOVE OR TO THE CEILING GRID (WHERE CEILINGS EXIST). VERIFY CONDITIONS, REQUIREMENTS AND LOCATIONS IN FIELD PRIOR TO ROUGH-IN.

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DRAWING
ELECTRICAL SYMBOL LIST

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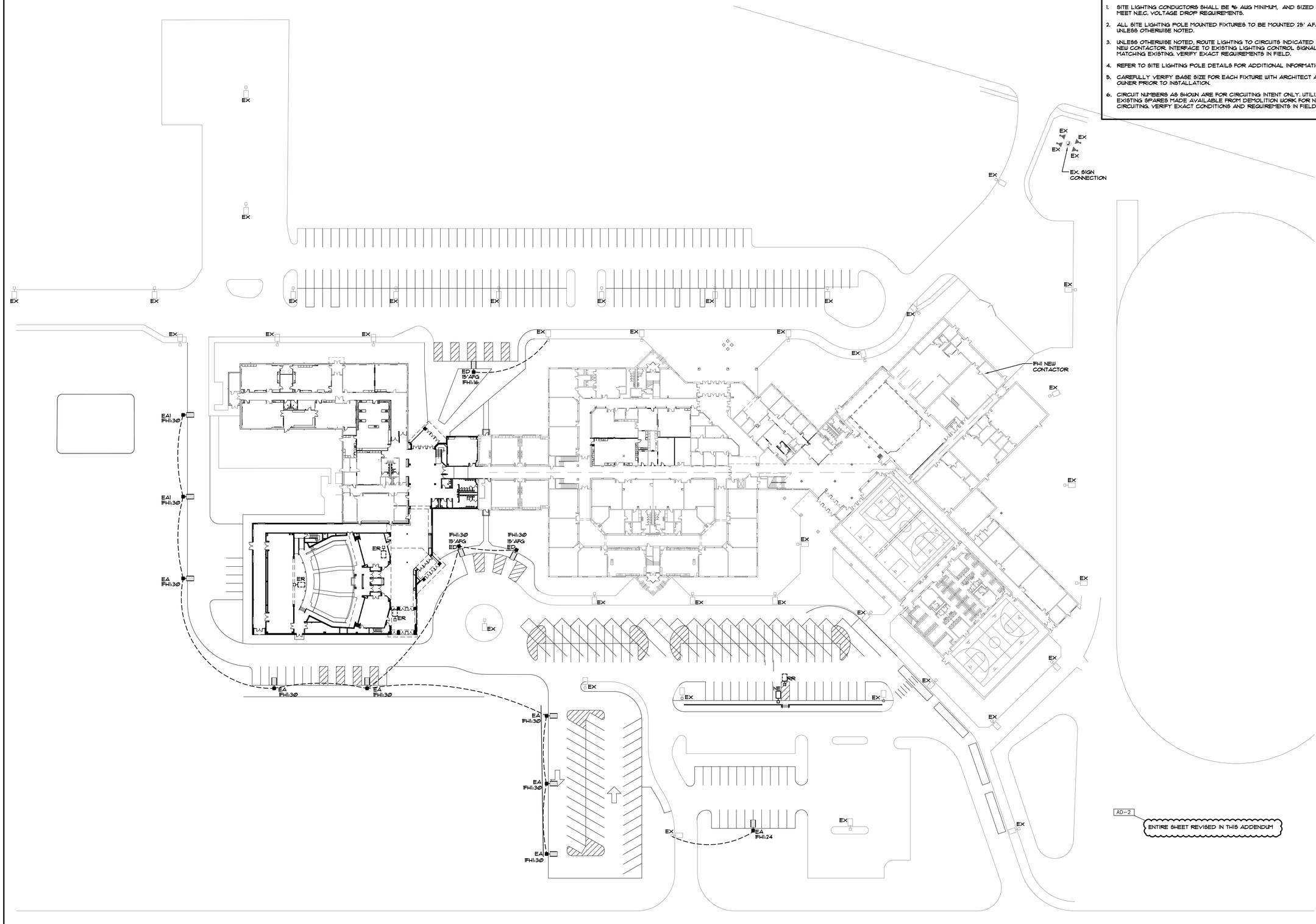
GENERAL NOTES

1. SITE LIGHTING CONDUCTORS SHALL BE #6 AWG MINIMUM, AND SIZED TO MEET N.E.C. VOLTAGE DROP REQUIREMENTS.
2. ALL SITE LIGHTING POLE MOUNTED FIXTURES TO BE MOUNTED 25' A.F.G. UNLESS OTHERWISE NOTED.
3. UNLESS OTHERWISE NOTED, ROUTE LIGHTING TO CIRCUITS INDICATED VIA NEW CONTACTOR. INTERFACE TO EXISTING LIGHTING CONTROL SIGNAL MATCHING EXISTING. VERIFY EXACT REQUIREMENTS IN FIELD.
4. REFER TO SITE LIGHTING POLE DETAILS FOR ADDITIONAL INFORMATION.
5. CAREFULLY VERIFY BASE SIZE FOR EACH FIXTURE WITH ARCHITECT AND OWNER PRIOR TO INSTALLATION.
6. CIRCUIT NUMBERS AS SHOWN ARE FOR CIRCUITING INTENT ONLY. UTILIZE EXISTING SPARES MADE AVAILABLE FROM DEMOLITION WORK FOR NEW CIRCUITING. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.



ELECTRICAL SITE PLAN

SCALE: 1" = 40'-0"

NORTH

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
ELECTRICAL SITE PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

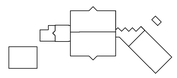
SCALE: 1/8" = 1'-0"

GENERAL NOTES

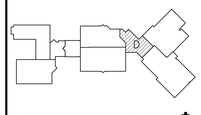
1. THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
2. DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED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

SHEET NOTES

1. APPROXIMATE ROUTING OF NEW OVERHEAD UTILITIES. REMOVE AND REINSTALL ALL EXISTING TO REMAIN DEVICES AS REQUIRED FOR INSTALLATION OF NEW UTILITIES. COORDINATE EXACT CONDITIONS AND REQUIREMENTS IN FIELD.



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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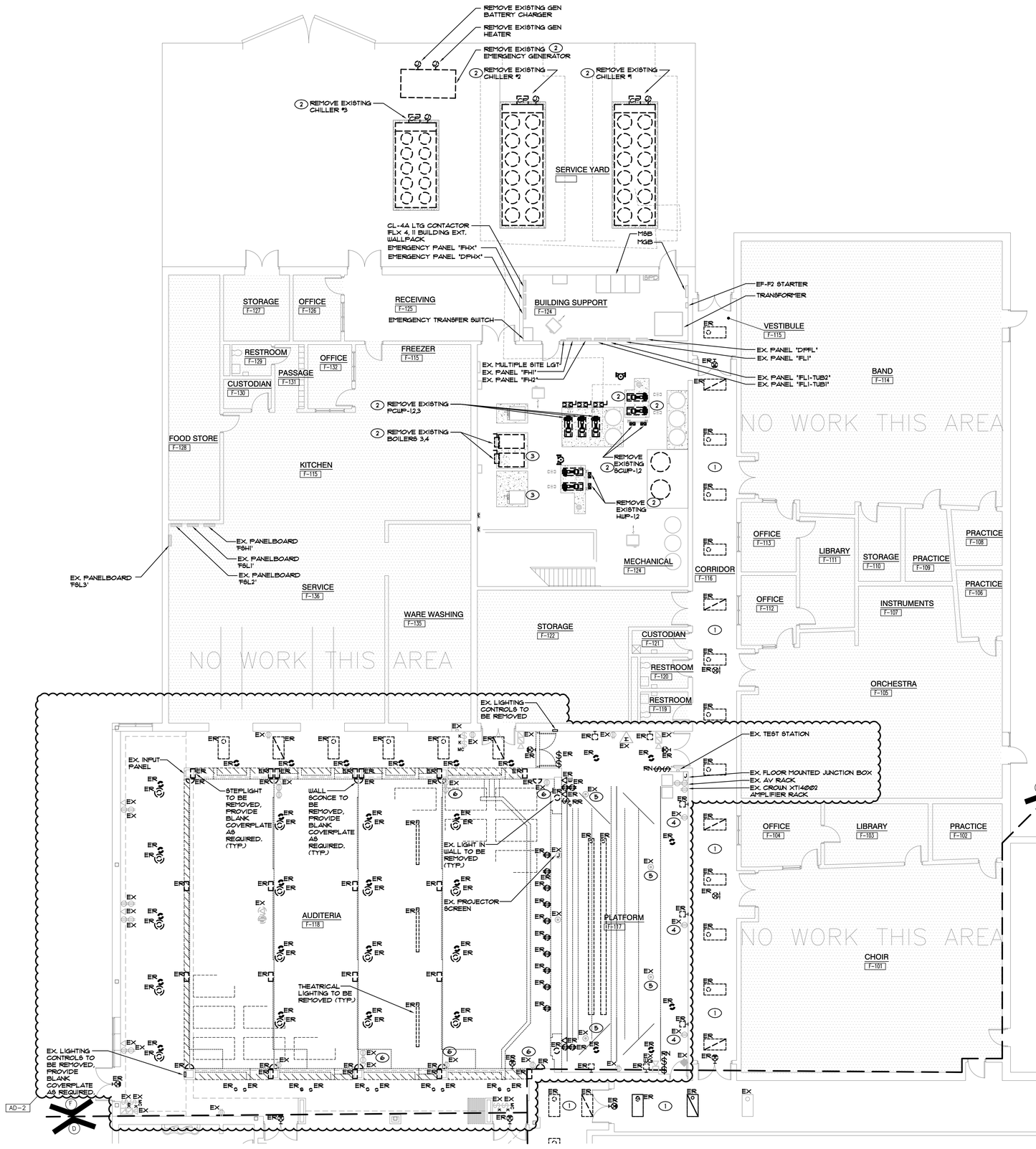

UNIT "F" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

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

UNIT "F" ELECTRICAL SECOND FLOOR DEMOLITION PLAN

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

GENERAL NOTES

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

SHEET NOTES

1. APPROXIMATE ROUTING OF NEW OVERHEAD UTILITIES. REMOVE AND REINSTALL ALL EXISTING TO REMAIN DEVICES AS REQUIRED FOR INSTALLATION OF NEW UTILITIES. COORDINATE EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
2. REMOVE EXISTING ELECTRICAL CONNECTION BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.
3. EXISTING BOILER CIRCUIT TO BE DISCONNECTED FROM PANEL FH2 FOR RECONNECTION TO NEW GENERATOR DISTRIBUTION EQUIPMENT.

AD-2

4. RELOCATE EXISTING DEVICE TO BE RECESSED IN NEW FURRED OUT WALL, COMPLETE AS REQUIRED.
5. REMOVE FLOORBOX COVER FOR INSTALLATION OF NEW FLOORING. REINSTALL AND ADJUST DEVICE LEVEL AFTER NEW FLOORING IS INSTALLED, COMPLETE AS REQUIRED.
6. RELOCATE EXISTING DEVICE TO BE RECESSED 18" ABOVE NEW FLOOR LEVEL, COMPLETE AS REQUIRED.

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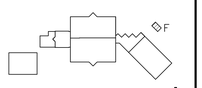
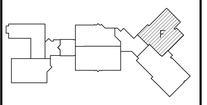
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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REVISIONS

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AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "F" ELECTRICAL FIRST & SECOND FLOOR DEMOLITION PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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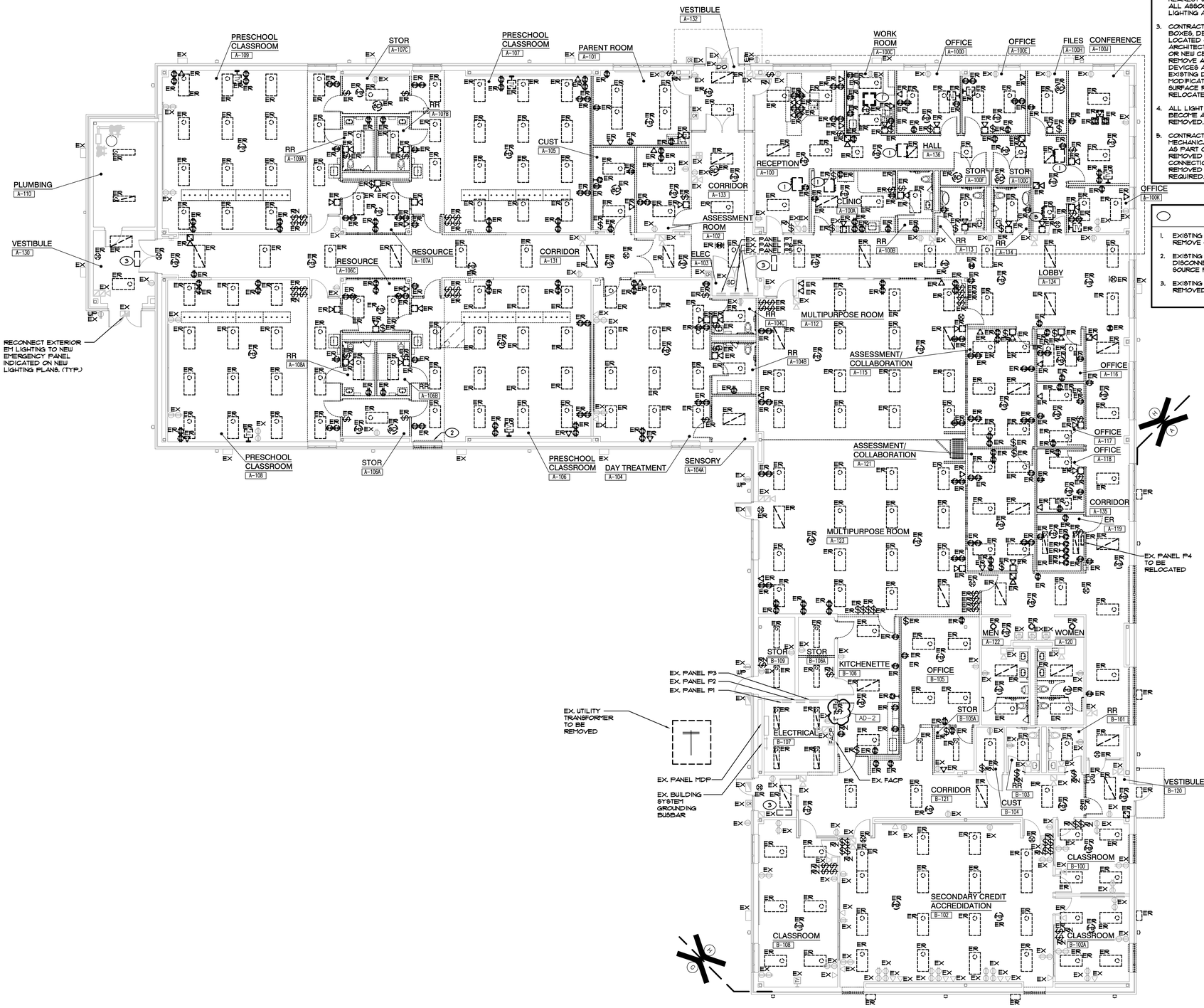

UNIT "H" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

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

GENERAL NOTES

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

SHEET NOTES

1. EXISTING VRV UNIT TO BE REMOVED. DISCONNECT AND REMOVE CONDUIT AND WIRING BACK TO SOURCE PANEL.
2. EXISTING ELECTRIC RADIATION HEATER TO BE REMOVED. DISCONNECT AND REMOVE CONDUIT AND WIRING BACK TO SOURCE PANEL.
3. EXISTING INVERTER MOUNTED ABOVE CEILING TO BE REMOVED.

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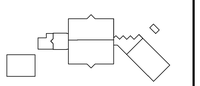
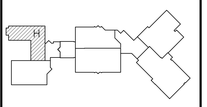
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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REVISIONS

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AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "H" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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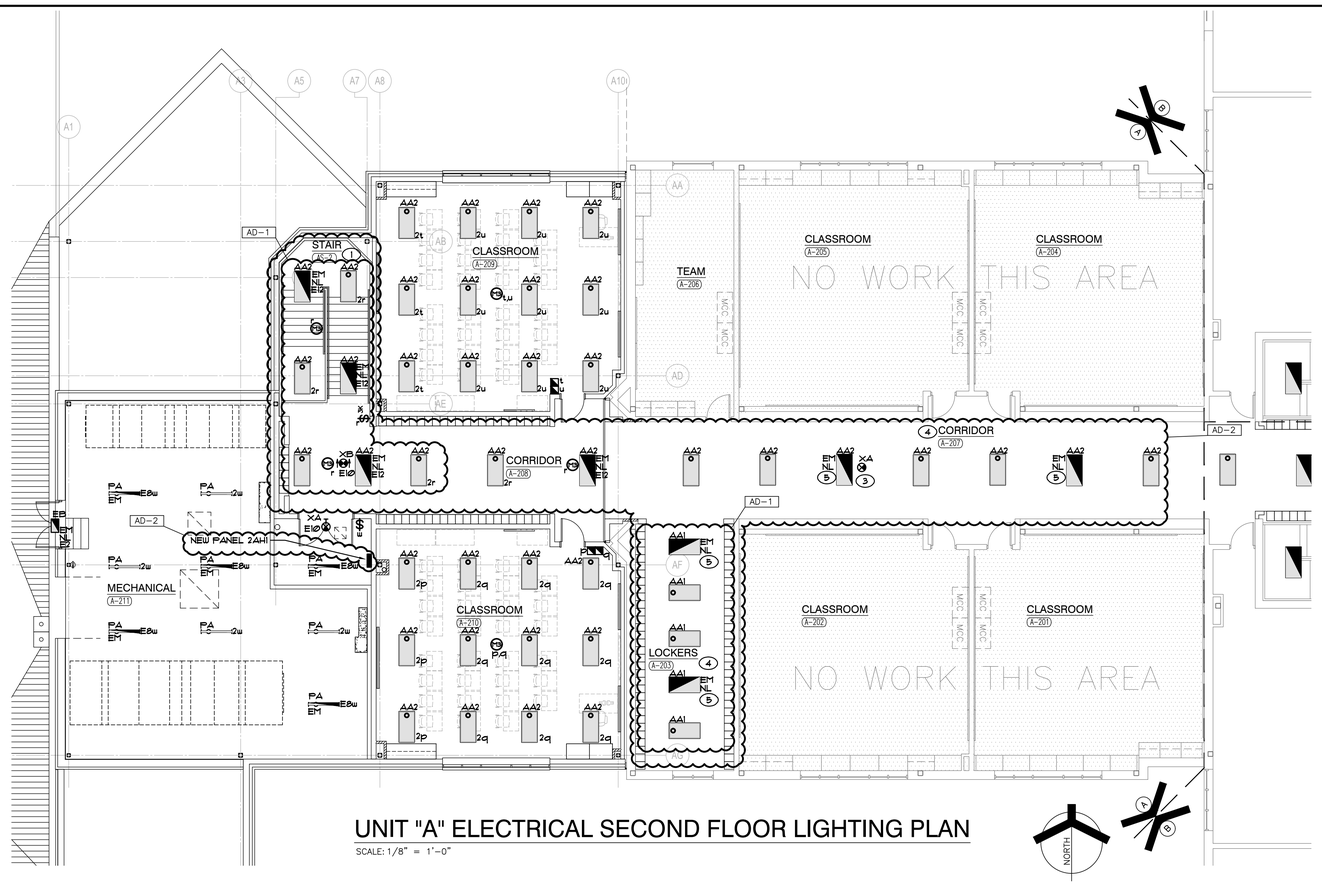
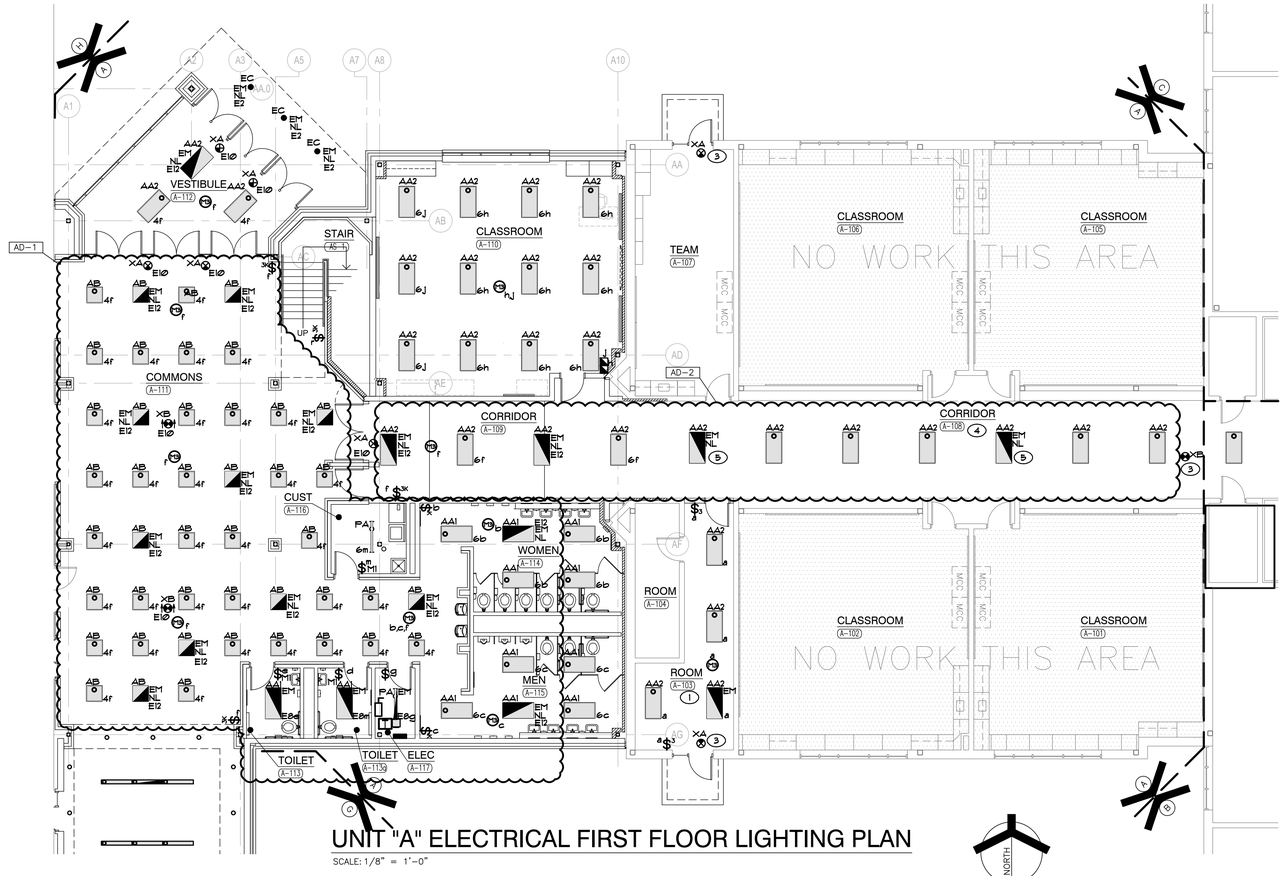


UNIT "A" ELECTRICAL SECOND FLOOR LIGHTING PLAN

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



UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO NEW PANEL 2AH1 UNLESS OTHERWISE NOTED.
2. CIRCUIT ALL EMERGENCY LIGHTING FIXTURES WITH AN 'E' PREFIX TO NEW PANEL 1HHX UNLESS OTHERWISE NOTED.
3. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
5. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
6. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.

SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

AD-2

4. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING CONTACTOR CONTROLS, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
5. RECONNECT NEW CORRIDOR EMERGENCY LIGHTING FIXTURES TO EXISTING UNSWITCHED CORRIDOR EMERGENCY LIGHTING CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

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PROJECT

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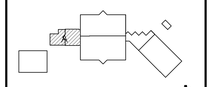
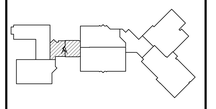
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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DRAWING
UNIT "A" ELECTRICAL FIRST & SECOND FLOOR LIGHTING PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET NOTES

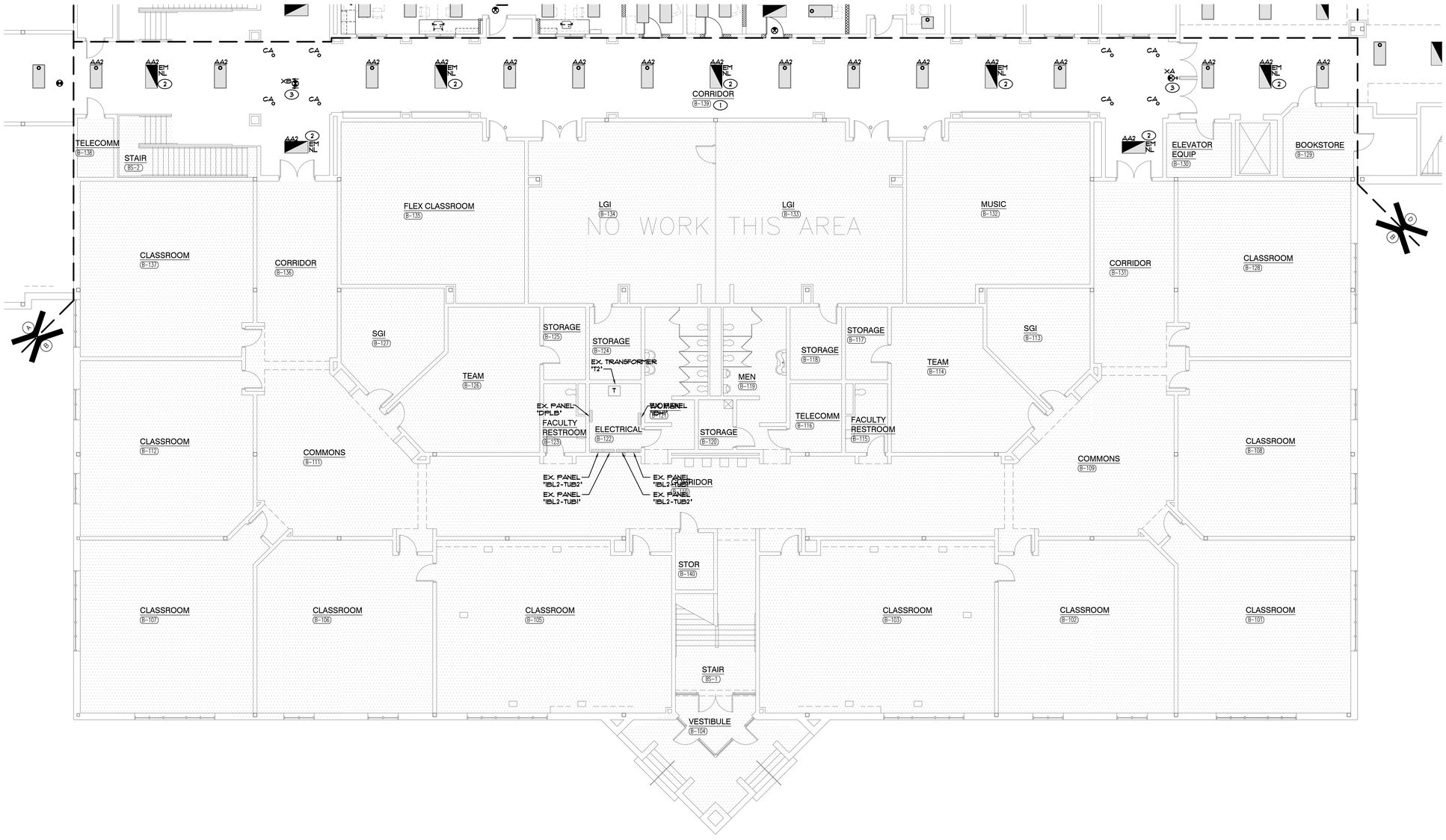
AD-2

1. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING CONTACTOR CONTROLS, COMPLETE AS REQUIRED. MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW CORRIDOR EMERGENCY LIGHTING FIXTURES TO EXISTING UNSWITCHED CORRIDOR EMERGENCY LIGHTING CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

GENERAL NOTES

1. 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.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.

AD-2



UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

NORTH

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PROJECT
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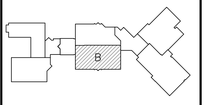
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
B EL102

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GENERAL NOTES

AD-2

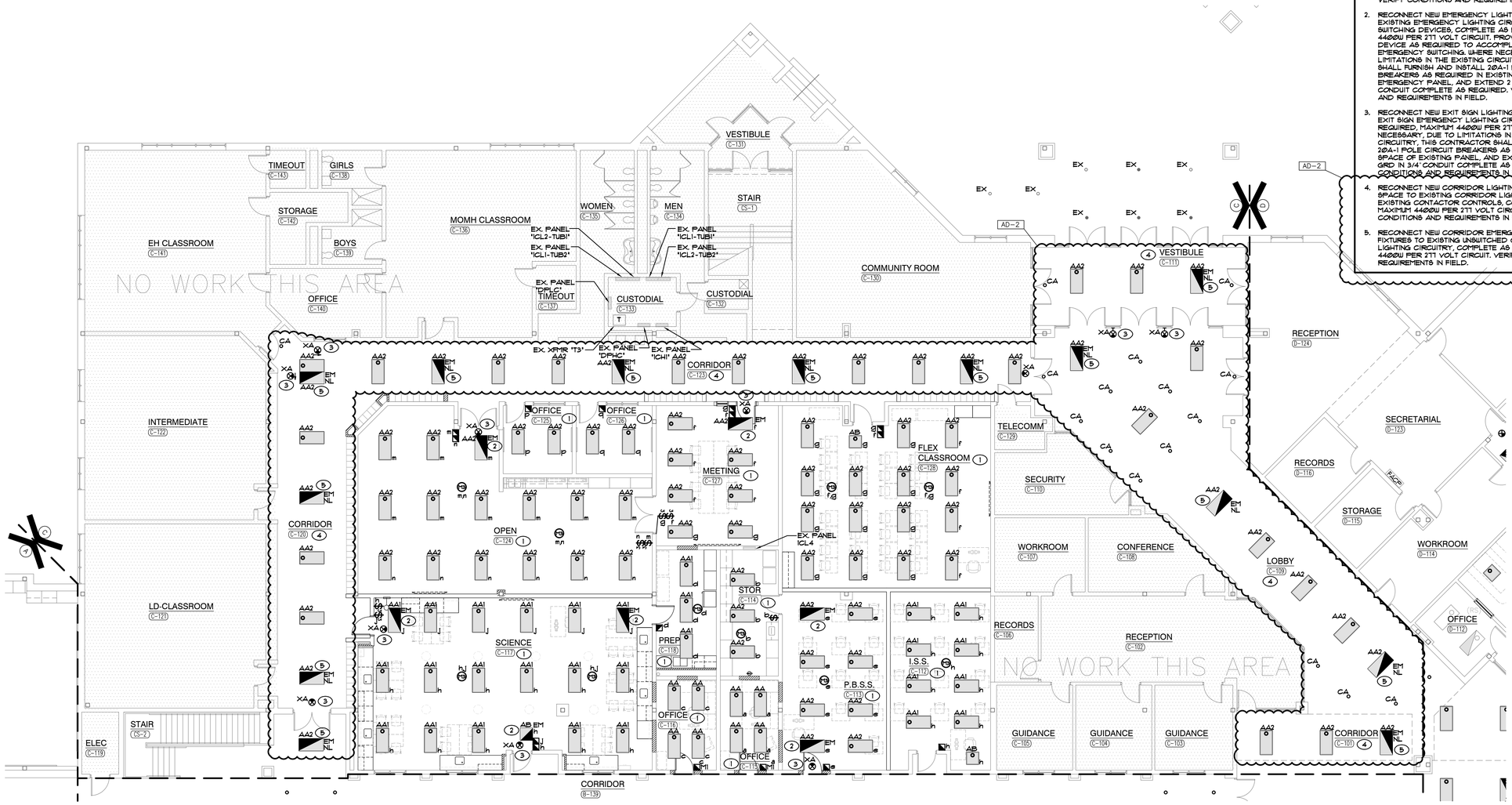
1. ~~EMERGENCY SENSING LEADS SHALL BE CONNECTED TO~~ CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
2. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
3. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
4. 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

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

AD-2

4. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING CONTACTOR CONTROLS, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
5. RECONNECT NEW CORRIDOR EMERGENCY LIGHTING FIXTURES TO EXISTING UNSWITCHED CORRIDOR EMERGENCY LIGHTING CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.



UNIT "C" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

NORTH

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MILLIES ENGINEERING GROUP
(219) 924-5400
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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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DRAWING
UNIT "C" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET NOTES

AD-2

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
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AD-2

4. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING CONTACTOR CONTROLS, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
5. RECONNECT NEW CORRIDOR EMERGENCY LIGHTING FIXTURES TO EXISTING UNSWITCHED CORRIDOR EMERGENCY LIGHTING CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

GENERAL NOTES

1. ~~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.
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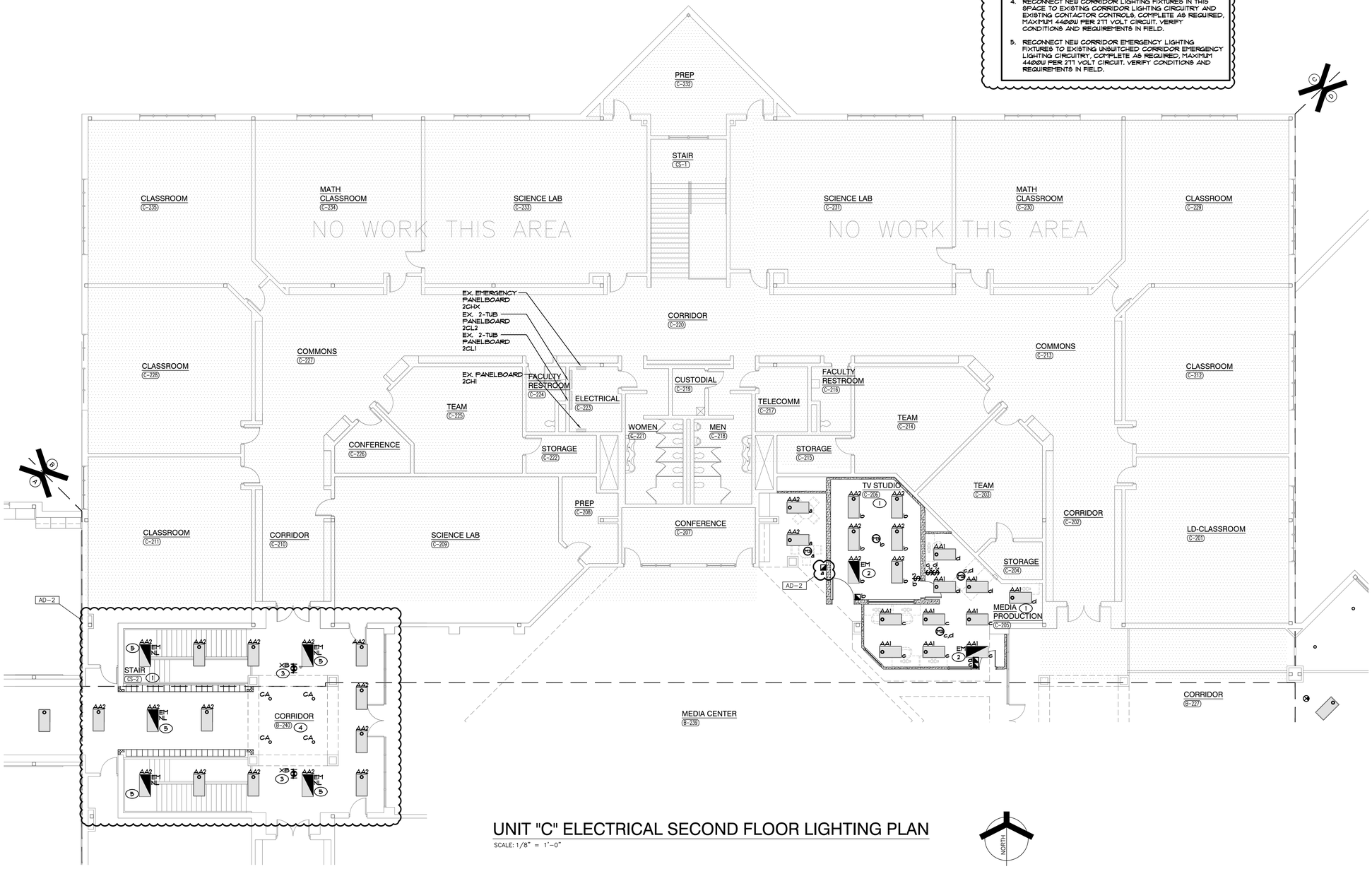

UNIT "C" ELECTRICAL SECOND FLOOR LIGHTING PLAN

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

NORTH

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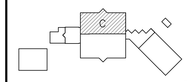
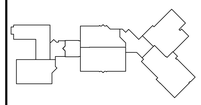
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "C" ELECTRICAL SECOND FLOOR LIGHTING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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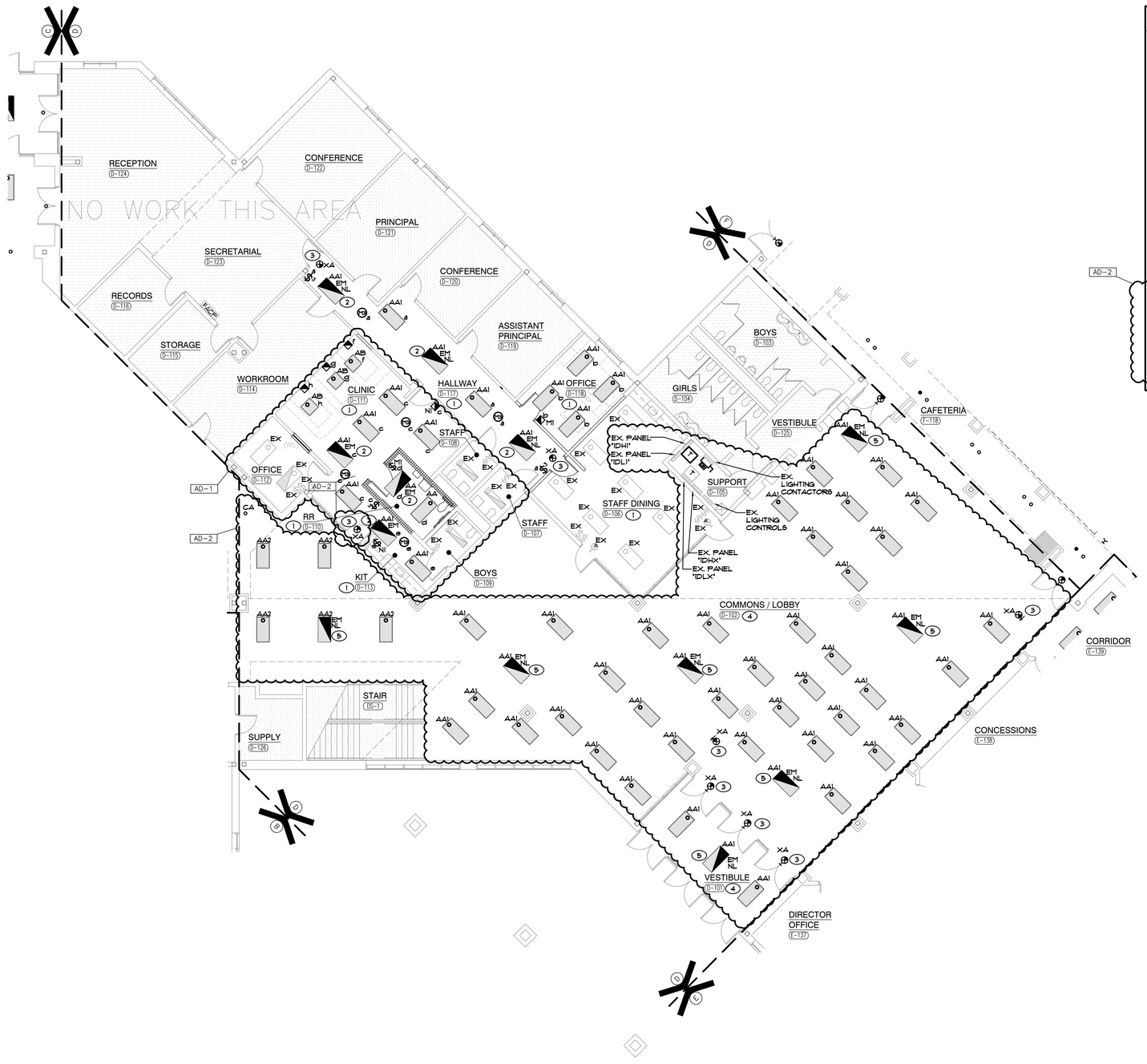

UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

NORTH

GENERAL NOTES

AD-2

1. 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.
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3. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.

SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
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AD-2

4. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING CONTACTOR CONTROLS, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
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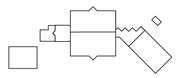
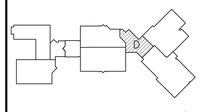
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03/28/22	ADDENDUM NO. 1
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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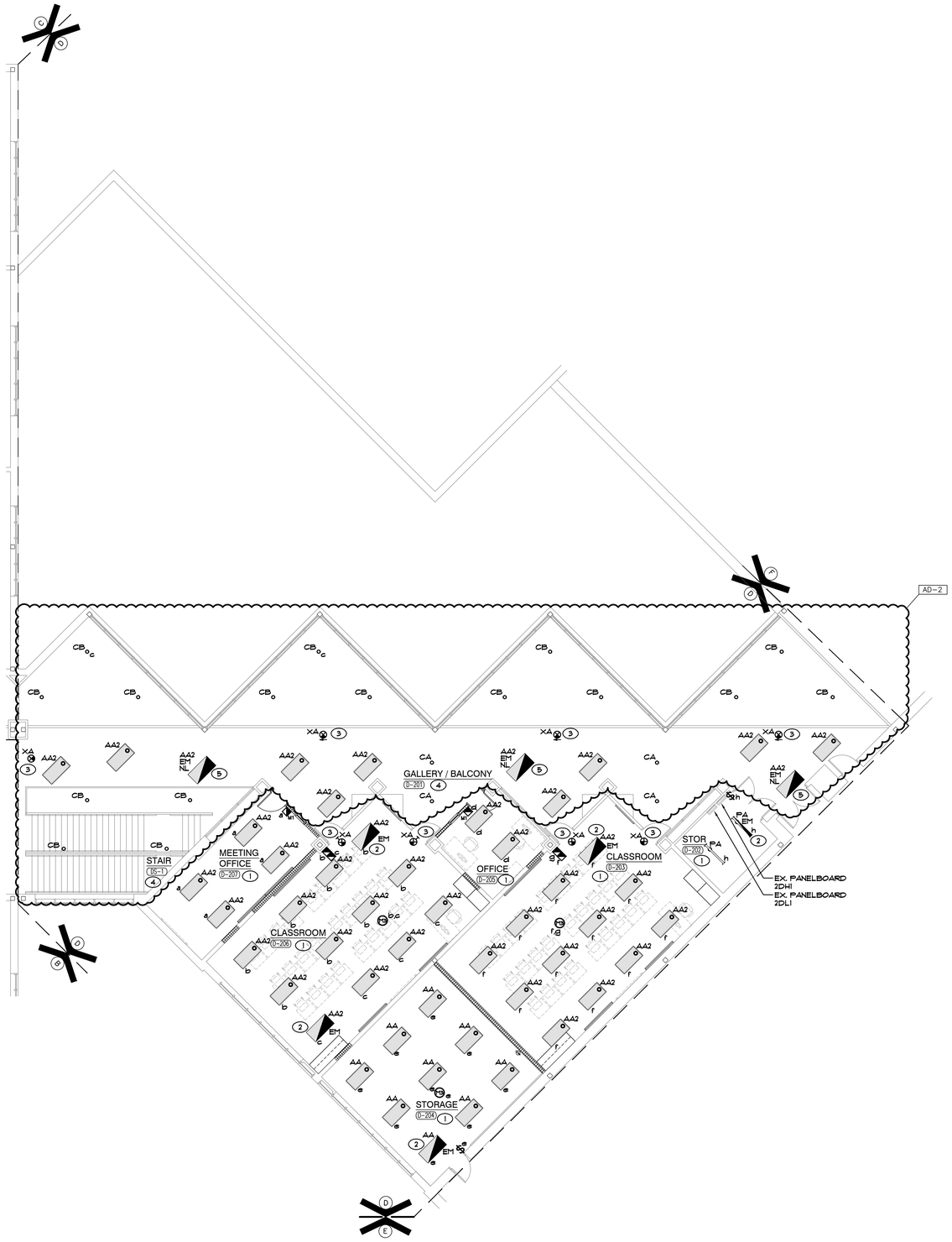

UNIT "D" ELECTRICAL SECOND FLOOR LIGHTING PLAN

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

NORTH

GENERAL NOTES

AD-2

1. 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.
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3. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
4. 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

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
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AD-2

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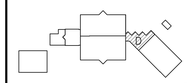
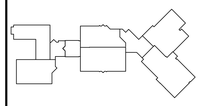
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
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REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER DAVID G. JANNEY

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AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "D" ELECTRICAL SECOND FLOOR LIGHTING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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EL108

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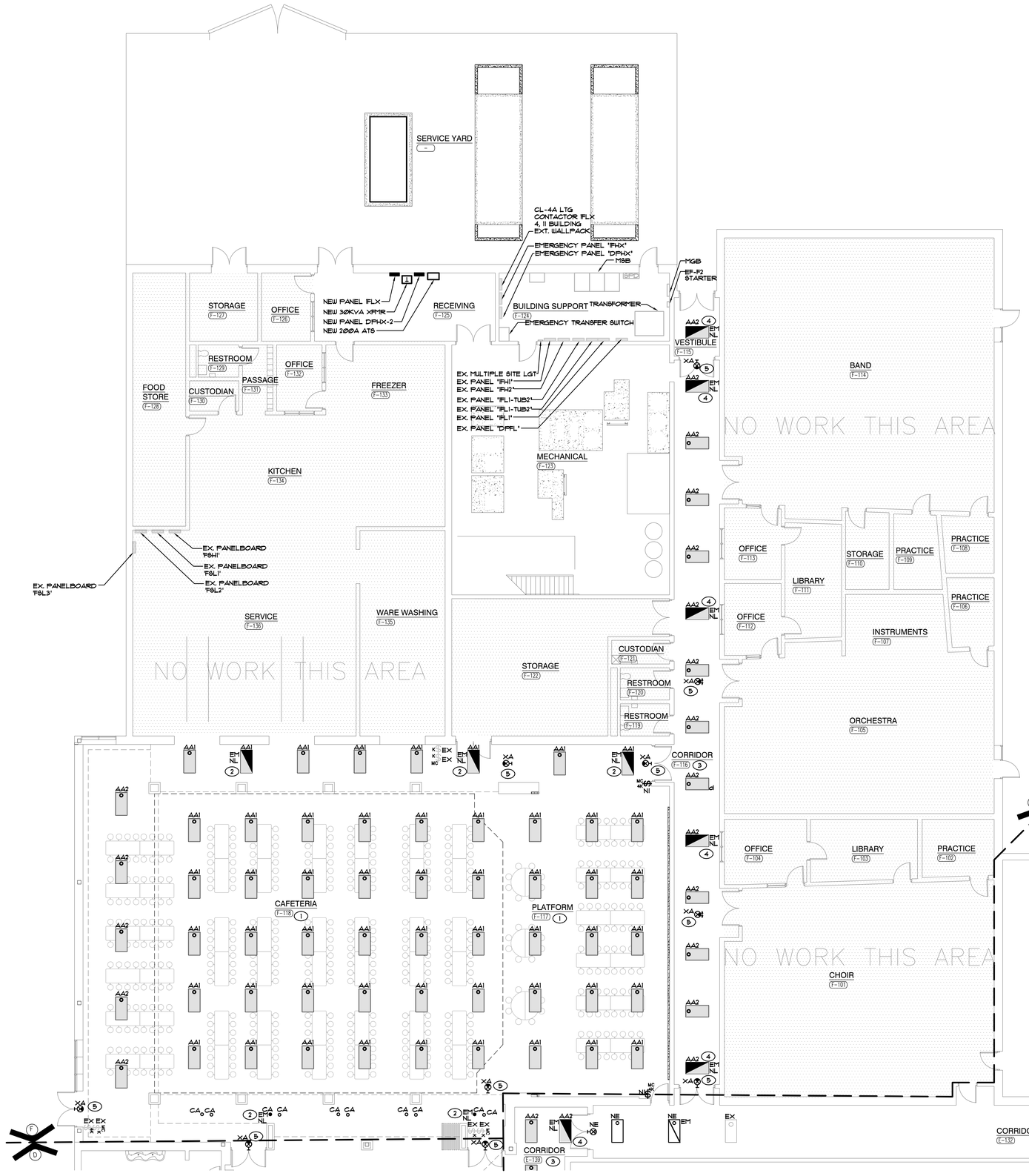

UNIT "F" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

GENERAL NOTES

1. 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.
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SHEET NOTES

1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING PANEL IFHI CIRCUITS 23, 25 27 29 VIA LIGHTING CONTACTOR CL-4, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
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5. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

AD-2 ENTIRE SHEET REVISED IN THIS ADDENDUM

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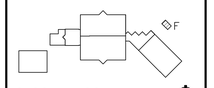
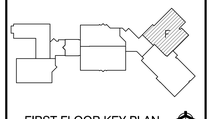
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "F" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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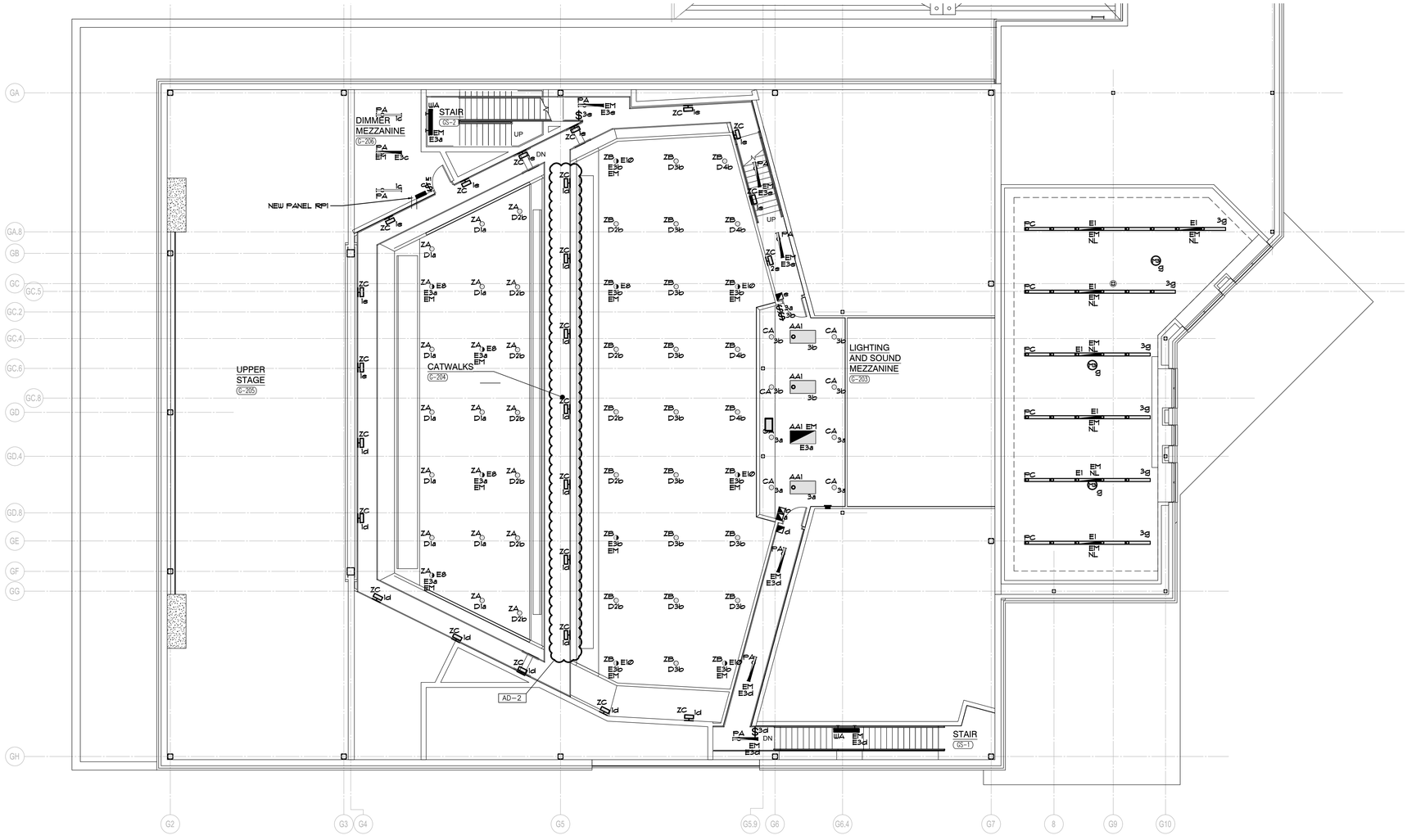
GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL 1GHI 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.
3. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
4. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
5. LIGHTING CIRCUITS FOR NORMAL POWER AUDITORIUM HOUSE LIGHTING (WITH A 'D' PREFIX) SHALL BE ROUTED TO DIMMER PANEL RPI CIRCUITS. REFER TO THEATER DRAWINGS FOR ADDITIONAL INFORMATION. CIRCUIT NUMBERS ARE NOT ACTUAL AND ARE SHOWN TO INDICATE CIRCUITING INTENT. VERIFY ACTUAL DIMMER ASSIGNMENTS WITH THEATER DRAWINGS, COMPLETE AS REQUIRED.
6. LIGHTING CIRCUITS FOR EMERGENCY POWER AUDITORIUM HOUSE LIGHTING (WITH AN 'EM' TAG) SHALL BE ROUTED DIMMER PANEL CIRCUITS AND EMERGENCY LIFE SAFETY CIRCUITS VIA DMX BYPASS AND EMERGENCY TRANSFER DEVICES. REFER TO THEATER DRAWINGS AND THEATER EMERGENCY LIGHTING DETAIL FOR ADDITIONAL INFORMATION. DIMMER CIRCUIT NUMBERS ARE NOT ACTUAL AND ARE SHOWN TO INDICATE CIRCUITING REQUIREMENTS. VERIFY ACTUAL DIMMER ASSIGNMENTS WITH THEATER DRAWINGS, COMPLETE AS REQUIRED.



UNIT "G" ELECTRICAL SECOND FLOOR LIGHTING PLAN

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

NORTH

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
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CHECKED BY DJ

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

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AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "G" ELECTRICAL SECOND FLOOR LIGHTING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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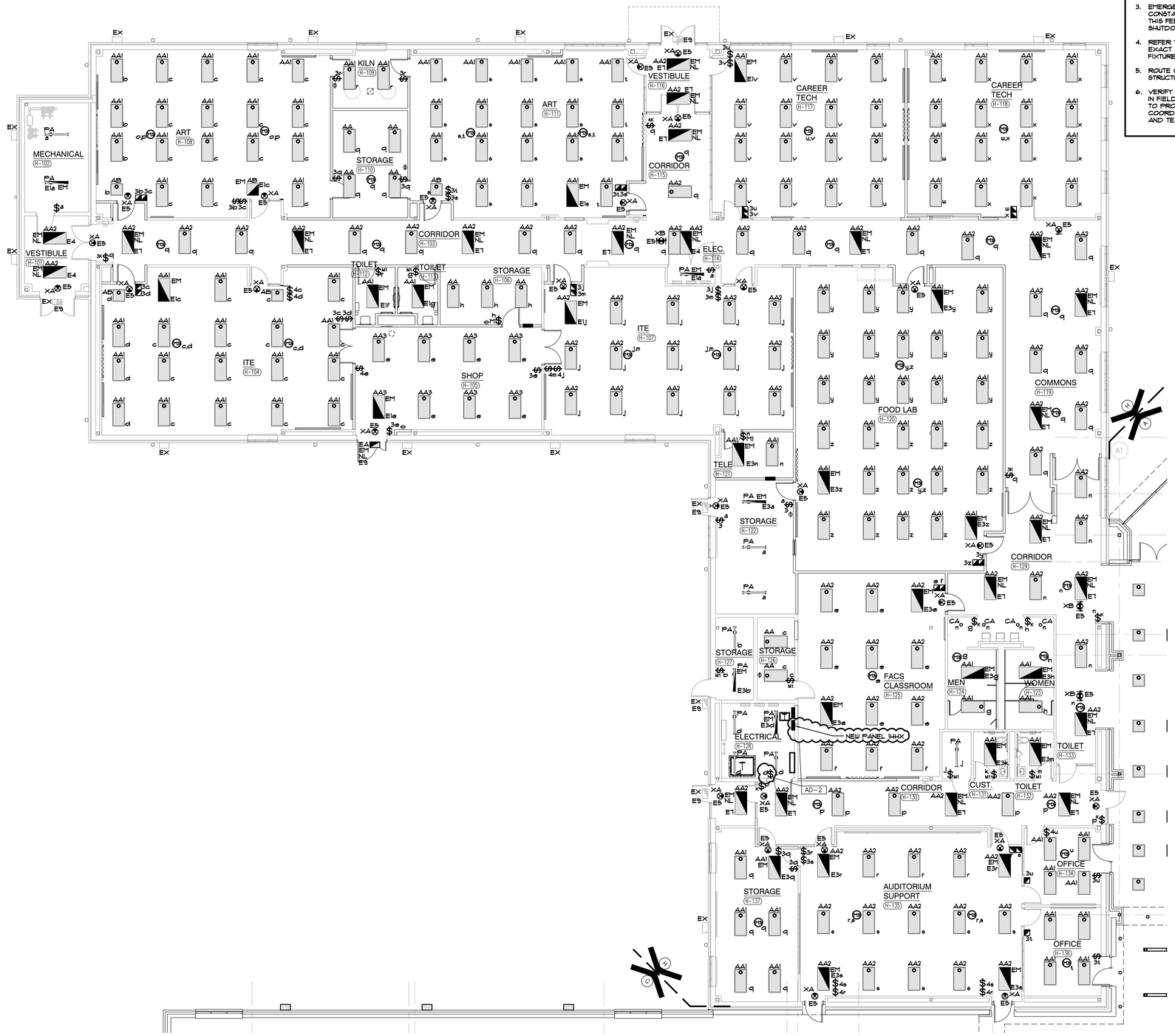
GENERAL NOTES

1. UNLESS OTHERWISE INDICIATED RECONNECT NEW NORMAL POWER LIGHTING FIXTURES TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED. 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.
2. CIRCUIT ALL EMERGENCY LIGHTING FIXTURES WITH AN 'E' PREFIX TO NEW PANEL 1HLX UNLESS OTHERWISE NOTED.
3. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
5. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
6. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.



UNIT "H" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

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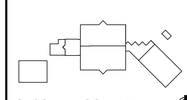
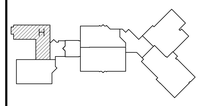
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA


SECOND FLOOR KEY PLAN


FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

REGISTERED PROFESSIONAL ENGINEER — DAVID G. JANNETT — NO. 10302590 — STATE OF INDIANA

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AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "H" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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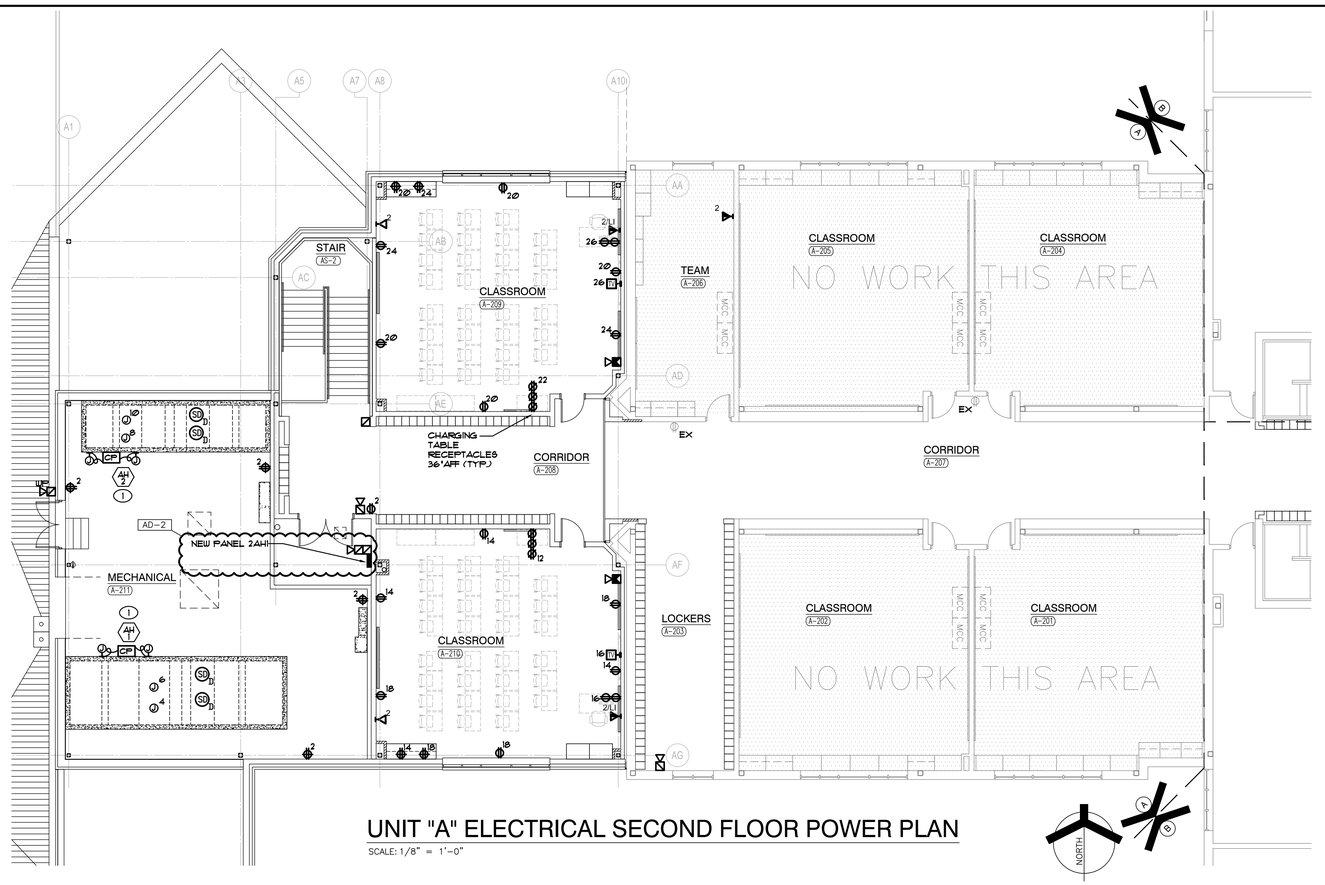
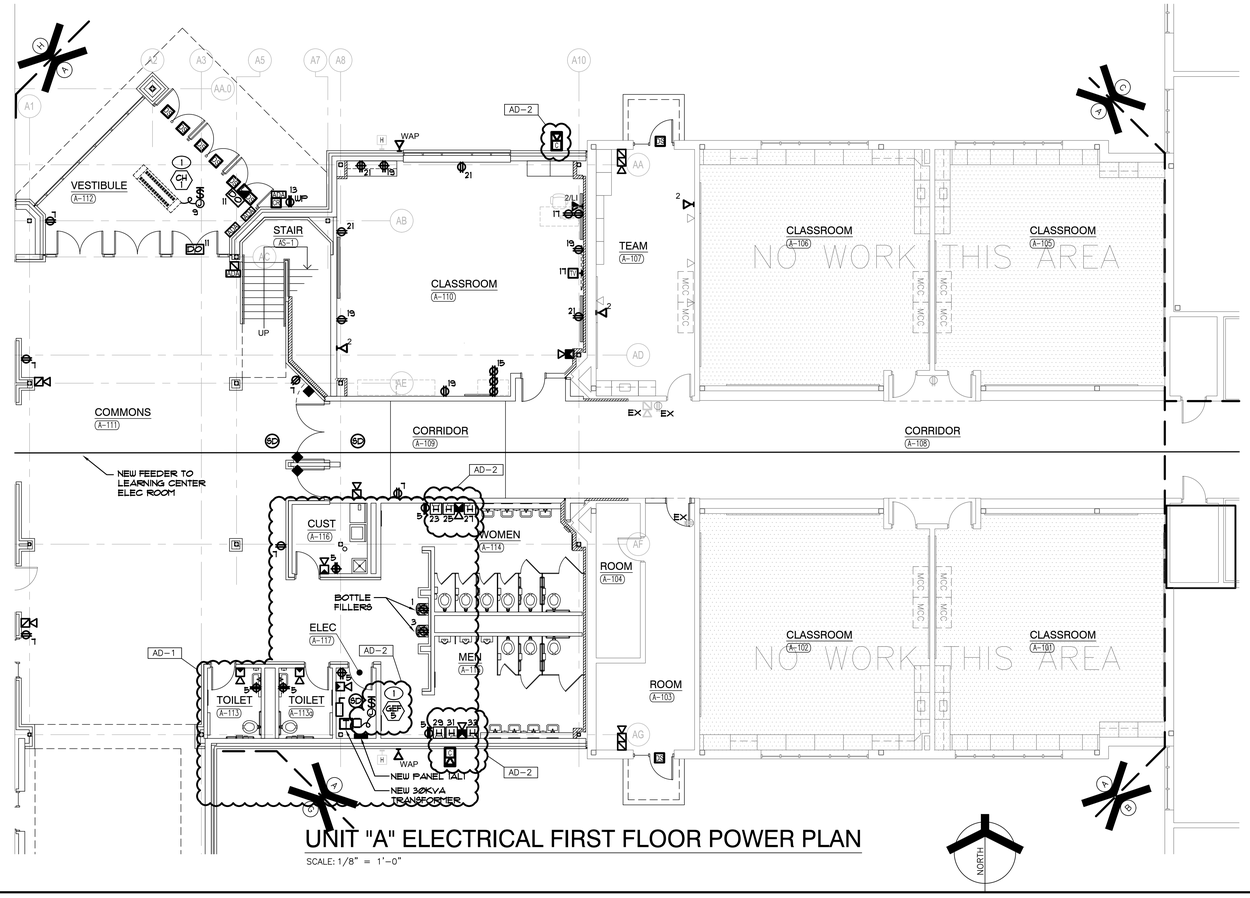


UNIT "A" ELECTRICAL SECOND FLOOR POWER PLAN

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



UNIT "A" ELECTRICAL FIRST FLOOR POWER PLAN

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

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO NEW PANEL 1AL1 UNLESS OTHERWISE NOTED.
2. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH D'YNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

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

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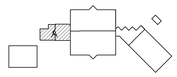
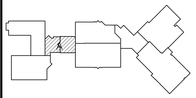
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03/28/22	ADDENDUM NO. 1
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "A" ELECTRICAL FIRST & SECOND FLOOR POWER PLANS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET A EP101

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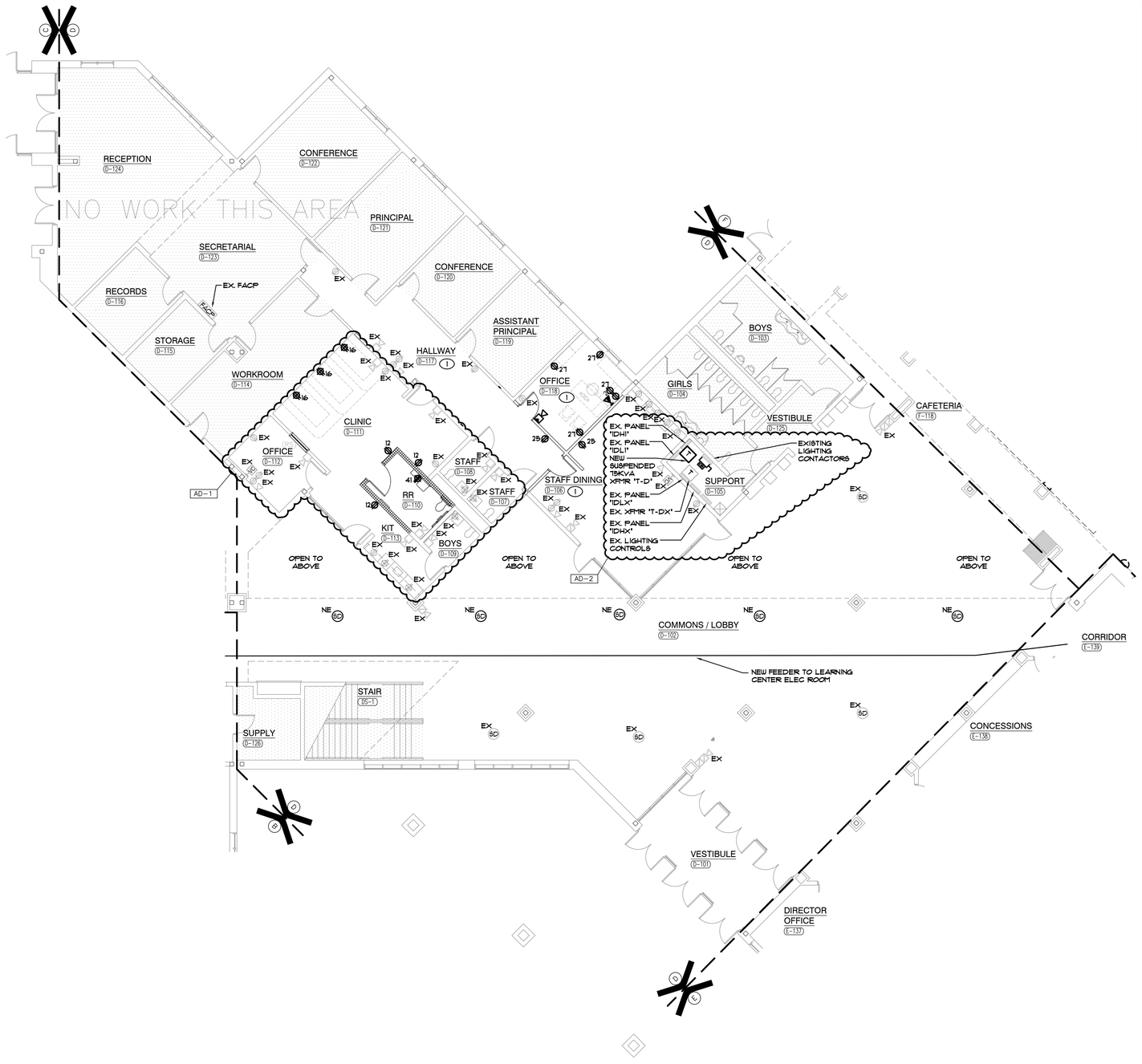
GENERAL NOTES

1. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. CIRCUIT ALL DEVICES TO EXISTING PANEL SERVING THIS AREA UNLESS OTHERWISE NOTED. MAXIMUM 1440W PER 120V CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS ON THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A/1P CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL AND EXTEND 2 #2 4 I #2 GRD. IN 3/4"C. UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. UTILIZE EXISTING SPARES MADE AVAILABLE FROM DEMOLITION WORK FOR NEW CIRCUITING. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.



UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN

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

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	03/28/22	ADDENDUM NO. 1
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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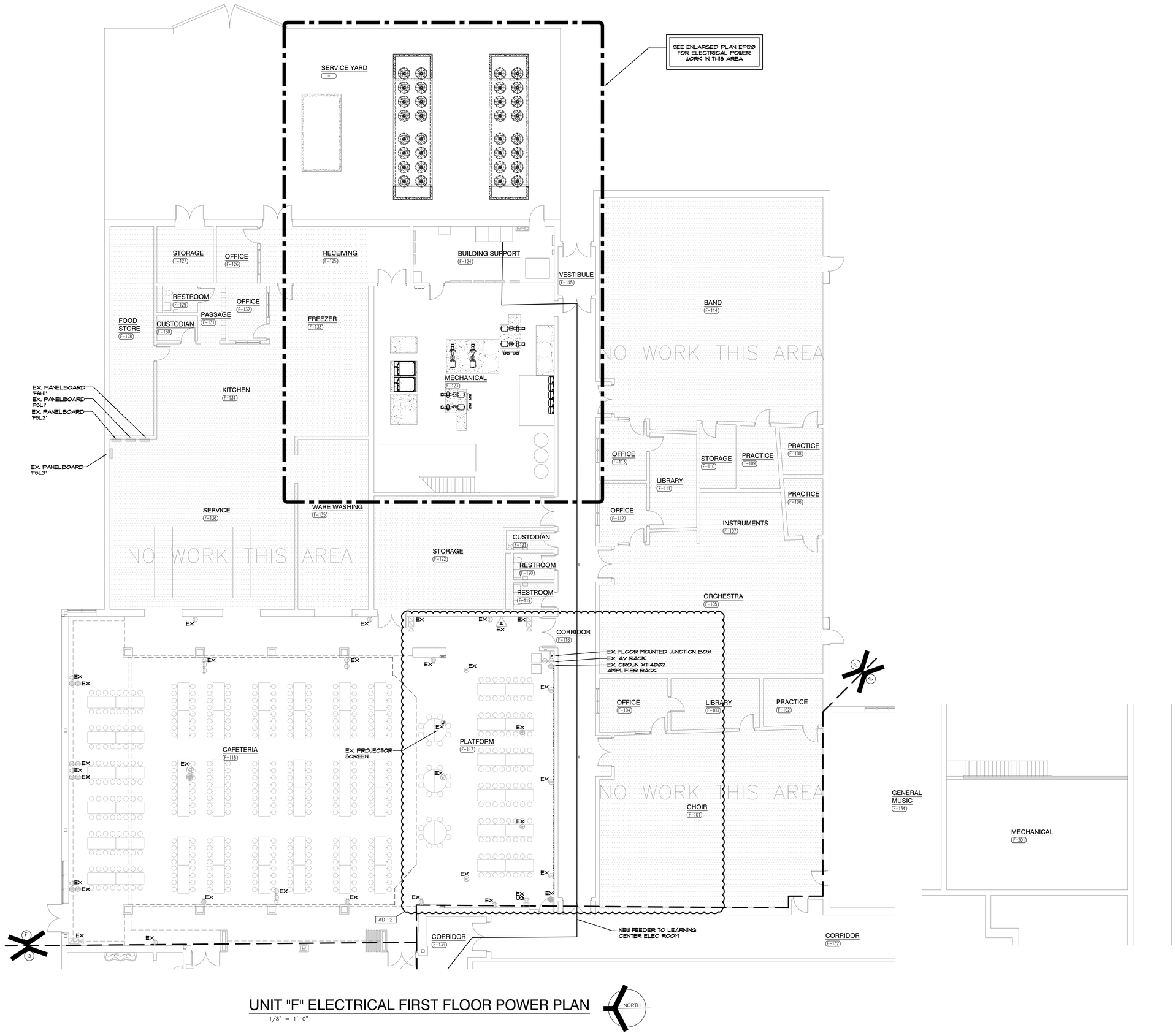

UNIT "F" ELECTRICAL FIRST FLOOR POWER PLAN

1/8" = 1'-0"

NORTH

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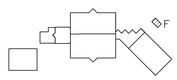
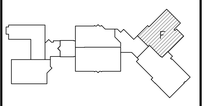
PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "F" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET F EP111

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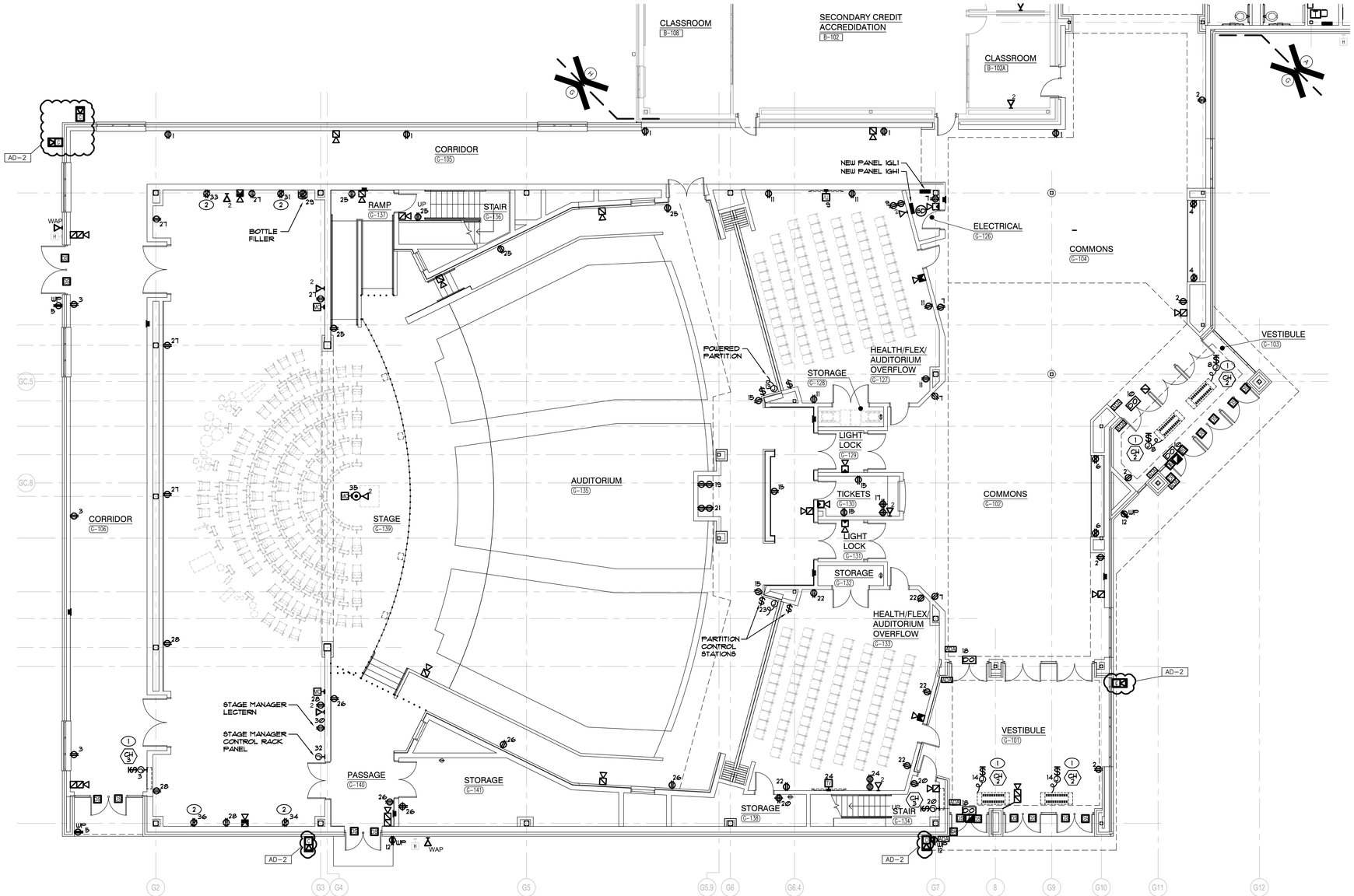
SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. WORK LIGHT RECEPTACLE. ROUTE CIRCUITING THROUGH SOLENOID CONTROL PANEL FOR CONTROL OF WORK LIGHT. COORDINATE MOUNTING HEIGHT AND LOCATION IN FIELD.

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO NEW PANEL 1GL1 UNLESS OTHERWISE NOTED.
2. THE CONTRACTOR SHALL FULLY REVIEW THE THEATRICAL LIGHTING AND POWER DRAWINGS AS PART OF THE CONTRACT DOCUMENT REQUIREMENTS. THE CONTRACTOR SHALL PROVIDE ALL POWER, LOW VOLTAGE, AND LOW VOLTAGE ROUGH-INS AS REQUIRED AND AS SHOWN ON THE THEATRICAL DRAWINGS FOR A COMPLETE AND PROPER INSTALLATION OF ALL SYSTEMS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD AND WITH THEATRICAL DRAWINGS, COMPLETE AS REQUIRED.
3. 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.



UNIT "G" ELECTRICAL FIRST FLOOR POWER PLAN

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

NORTH

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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DATE 03/14/22
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REGISTERED DAVID G. JANNETT NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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DRAWING

UNIT "G" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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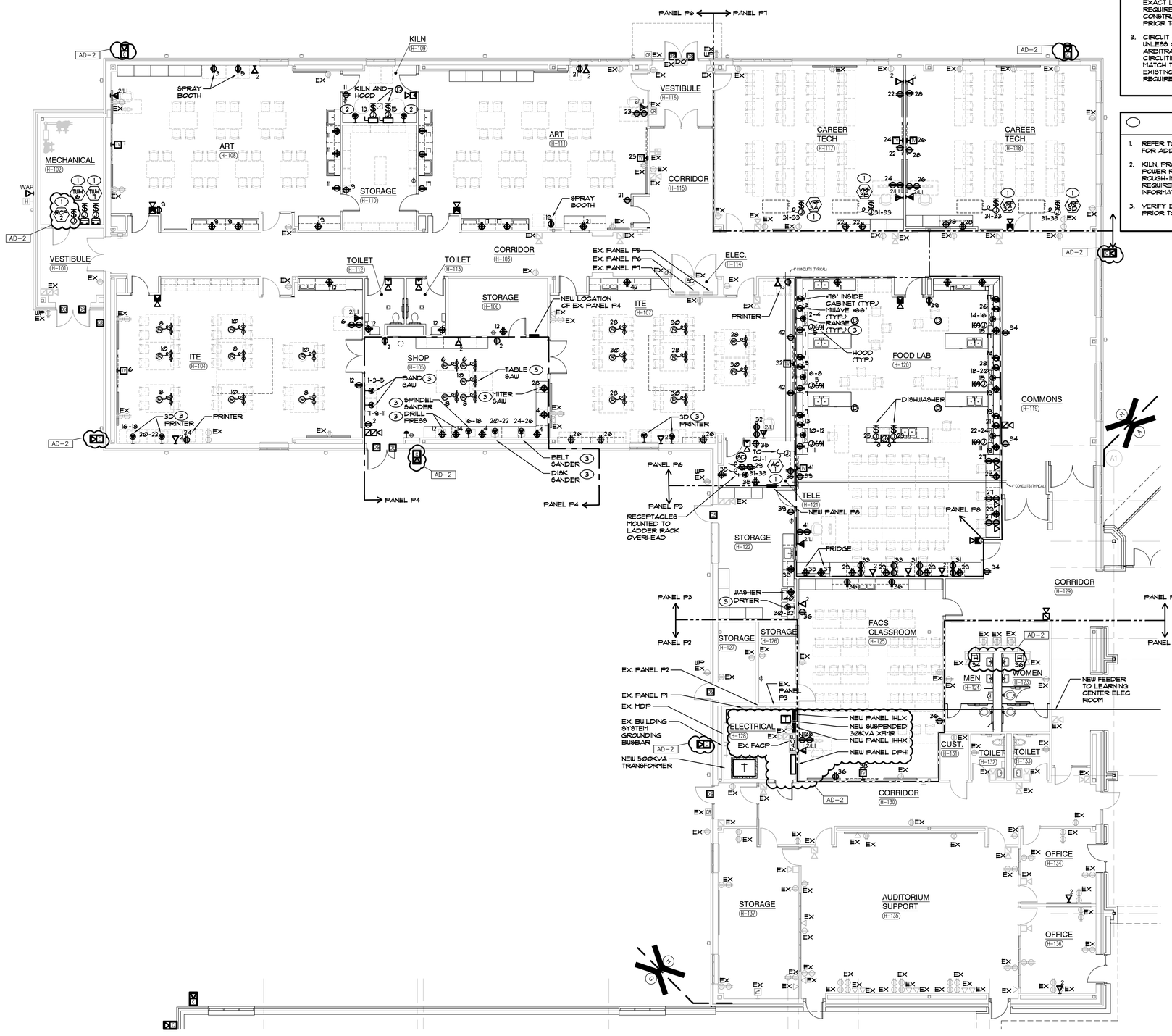
GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE NOTED.
2. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.
3. CIRCUIT ALL DEVICES TO EXISTING PANEL INDICATED UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. KILN. PROVIDE 3 #6 + 1 #10 GRD. IN 1"C. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN. PROPERLY INSTALL PER MANUFACTURER'S REQUIREMENTS. SEE ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
3. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.



UNIT "H" ELECTRICAL FIRST FLOOR POWER PLAN

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

NORTH

GIBRALTAR
DESIGN
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MILLIES ENGINEERING GROUP
(219) 924-5400
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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

SECOND FLOOR KEY PLAN

FIRST FLOOR KEY PLAN

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

PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
UNIT "H" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
H EP114

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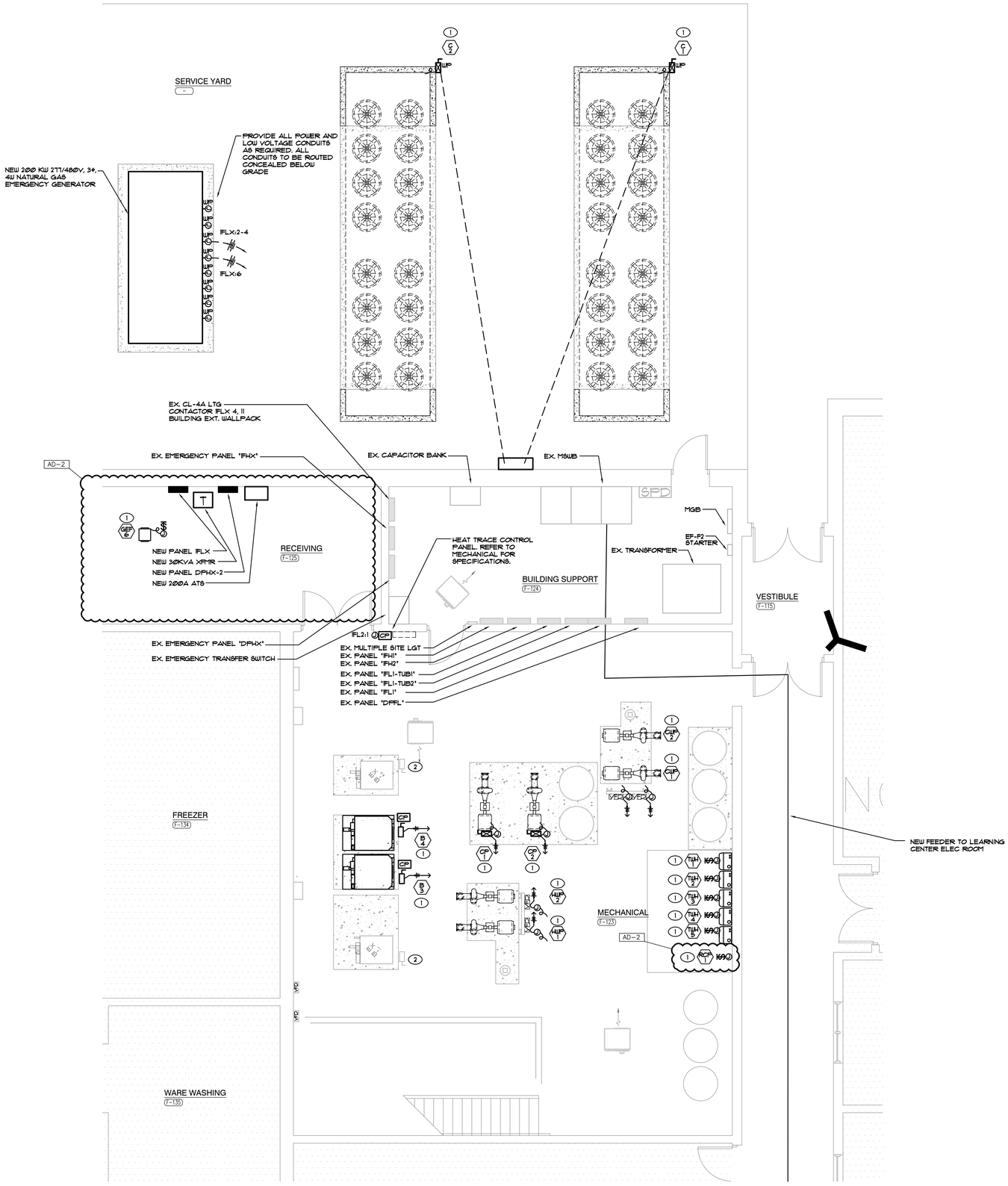
SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
2. INTERCEPT EXISTING BOILER CIRCUITRY AND EXTEND TO PANEL DPHX-2.



ENLARGED ELECTRICAL POWER PLAN

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

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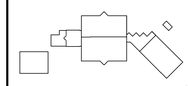
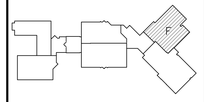
PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



SECOND FLOOR KEY PLAN



FIRST FLOOR KEY PLAN

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

PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
ENLARGED ELECTRICAL POWER PLAN

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
EP120

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EX. PANEL P3

TOTAL KW: 44.9 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 22,000 AIC | MLO(AMPS): 400
FEEDER: 4 #500KCMIL & 1 #3 GRD. IN 3-1/2"C. | LOCATION: ELEC H-128

C/B		LOAD				LOAD			C/B		
LOAD DESCRIPTION	TRIP	POLE	A+	B+	C+	CCT. NO.	A+	B+	C+	TRIP	POLE	LOAD DESCRIPTION
SPARE	20	1				1	2	4834		50		
SPARE	20	1				3	4		4834			KILN
SPARE	20	1				5	6			4834	3	
SPARE	20	1				7	8	4834			50	
SPARE	20	1				9	10		4834			KILN
SPARE	20	1				11	12			4834	3	
SPARE	20	1				13	14				20	1 SPARE
SPARE	20	1				15	16				20	1 SPARE
SPARE	20	1				17	18				20	1 SPARE
SPARE	20	1				19	20				20	1 SPARE
SPARE	20	1				21	22				20	1 SPARE
SPARE	20	1				23	24				20	1 SPARE
SPARE	20	1				25	26				20	1 SPARE
DESK3 H120	20	1		1200		27	28				20	1 SPARE
DESK3 H120	20	1			1200	29	30			2268	30	DRYER H122
DESK3 H120	20	1	800			31	32	2268			2	
DESK3 H120	20	1		800		33	34		600		20	1 RECEPS H119/129
FRIDGE H120	20	1			1000	35	36			1000	20	1 RECEPS H125
FRIDGE H120	20	1	1000			37	38	900			20	1 DESK/TV H125
RECEPS H120	20	1		800		39	40		1200		20	1 WASHER H122
DESK/TV H107	20	1			900	41	42				20	1 SPARE
			1800	2800	3100			12836	11468	12936		

A= 14,636
B= 14,268
C= 16,236
TOTAL= 44,340

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

NEW PANEL 2AH1

TOTAL KW: 93.7 | ENCLOSURE: | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: | FAULT CURRENT RATING: EXISTING AIC | MCB(AMPS): 400
FEEDER: 4 #500KCMIL & 1 #3 GRD. IN 3-1/2"C. | LOCATION: MECH A-211

C/B		LOAD				LOAD			C/B		
LOAD DESCRIPTION	TRIP	POLE	A+	B+	C+	CCT. NO.	A+	B+	C+	TRIP	POLE	LOAD DESCRIPTION
	70		16885			1	2	1500		20	1	LIGHTING 2ND FLR
AH-1				16885		3	4		3500	20	1	LIGHTING 1ST FLR
		3			16885	5	6			1500	20	1 LIGHTING 1ST FLR
	70		12180			7	8					SPACE
AH-2				12180		9	10					SPACE
		3			12180	11	12					SPACE
SPACE						13	14					SPACE
SPACE						15	16					SPACE
SPACE						17	18					SPACE
SPACE						19	20					SPACE
SPACE						21	22					SPACE
SPACE						23	24					SPACE
SPACE						25	26					SPACE
SPACE						27	28					SPACE
SPACE						29	30					SPACE
SPACE						31	32					SPACE
SPACE						33	34					SPACE
SPACE						35	36					SPACE
SPACE						37	38					SPACE
SPACE						39	40					SPACE
SPACE						41	42					SPACE
			29065	29065	29065			1500	3500	1500		

A= 30565
B= 32565
C= 30565
TOTAL= 93695

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

NEW PANEL 1AL1

TOTAL KW: 28.1 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 22,000 AIC | MLO(AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/4"C. | LOCATION: ELEC A-117

C/B		LOAD				LOAD			C/B		
LOAD DESCRIPTION	TRIP	POLE	A+	B+	C+	CCT. NO.	A+	B+	C+	TRIP	POLE	LOAD DESCRIPTION
BOTTLE FILLER	20	1	600			1	2	1200		20	1	MECH A211 RECEPS
BOTTLE FILLER	20	1		600		3	4		200	20	1	LTG - AH-1
TOILET AREA RECEPS	20	1			1000	5	6			200	20	1 REC - AH-1
COMMONS RECEPS	20	1	1200			7	8	200			20	1 LTG - AH-2
CH-1 - VEST A112	20	1		500		9	10		200		20	1 REC - AH-2
DOOR OPERATORS	20	1			1200	11	12			1200	20	1 CHARGE CART - A210
EXT. BLDG. REC - A112	20	1	200			13	14	800			20	1 RECEPS A - A210
CHARGE CART - A110	20	1		1200		15	16		900		20	1 DESK/TV - A210
DESK/TV - A110	20	1			900	17	18			800	20	1 RECEPS B - A210
RECEPS A - A110	20	1	800			19	20	800			20	1 RECEPS A - A209
RECEPS B - A110	20	1		900		21	22		1200		20	1 CHARGE CART - A209
HAND DRYER - A114	20	1			1500	23	24			800	20	1 RECEPS B - A209
HAND DRYER - A114	20	1	1500			25	26	900			20	1 DESK/TV - A209
HAND DRYER - A114	20	1		1500		27	28				20	1 SPARE
HAND DRYER - A115	20	1			1500	29	30				20	1 SPARE
HAND DRYER - A115	20	1	1500			31	32				20	1 SPARE
HAND DRYER - A115	20	1		1500		33	34				20	1 SPARE
GEF-5	20	1			636	35	36				20	1 SPARE
SPARE	20	1				37	38					SPACE
SPARE	20	1				39	40					SPACE
SPARE	20	1				41	42					SPACE
			3800	6100	6736			3200	2500	3000		

A= 9,700
B= 8,600
C= 9,736
TOTAL= 28,036

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

AD-2

EX. PANEL P7

TOTAL KW: 25.7 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 22,000 AIC | MLO(AMPS): 400
FEEDER: 4 #500KCMIL & 1 #3 GRD. IN 3-1/2"C. | LOCATION: ELEC H-114

C/B		LOAD				LOAD			C/B		
LOAD DESCRIPTION	TRIP	POLE	A+	B+	C+	CCT. NO.	A+	B+	C+	TRIP	POLE	LOAD DESCRIPTION
EXISTING LOAD	20	1				1	2			20	1	EXISTING LOAD
EXISTING LOAD	20	1				3	4			20	1	EXISTING LOAD
EXISTING LOAD	20	1				5	6			20	1	EXISTING LOAD
EXISTING LOAD	20	1				7	8			20	1	EXISTING LOAD
EXISTING LOAD	20	1				9	10			20	1	EXISTING LOAD
EXISTING LOAD	20	1				11	12			20	1	EXISTING LOAD
EXISTING LOAD	20	1				13	14			20	1	EXISTING LOAD
EXISTING LOAD	20	1				15	16			20	1	EXISTING LOAD
EXISTING LOAD	20	1				17	18			20	1	EXISTING LOAD
EXISTING LOAD	20	1				19	20			20	1	EXISTING LOAD
EXISTING LOAD	20	1				21	22	800		20	1	RECEPS - H117
EXISTING LOAD	20	1				23	24		900	20	1	DESK/TV - H117
EXISTING LOAD	20	1				25	26	900		20	1	DESK/TV - H118
EXISTING LOAD	20	1				27	28		800	20	1	RECEPS - H118
SPARE	20	1				29	30			20	1	SPARE
VRF-3A,3B,3C,3D	15		750			31	32					SPACE
		2		750		33	34					SPACE
SPACE						35	36					SPACE
SPACE						37	38					SPACE
SPACE						39	40					SPACE
SPACE						41	42					SPACE
			750	750	0			900	1600	900		

A= 1,650
B= 2,350
C= 900
TOTAL= 25,680

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

NEW PANEL 1GH1

TOTAL KW: 6.4 | ENCLOSURE: | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: | BUSSING: | FAULT CURRENT RATING: EXISTING AIC | MCB(AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/4"C. | LOCATION: ELEC H-128

C/B		LOAD				LOAD			C/B		
LOAD DESCRIPTION	TRIP	POLE	A+	B+	C+	CCT. NO.	A+	B+	C+	TRIP	POLE	LOAD DESCRIPTION
UNIT G LIGHTING	20	1	2572			1	2			20	1	SPARE
UNIT G LIGHTING	20	1		3861		3	4			20	1	SPARE
SPARE	20	1				5	6			20	1	SPARE
SPARE	20	1				7	8			20	1	SPARE
SPARE	20	1				9	10			20	1	SPARE
SPARE	20	1				11	12			20	1	SPARE
SPARE	20	1				13	14			20	1	SPARE
SPARE	20	1				15	16			20	1	SPARE
SPARE	20	1				17	18			20	1	SPARE
SPARE	20	1				19	20			20	1	SPARE
SPARE	20	1				21	22			20	1	SPARE
SPARE	20	1				23	24			20	1	SPARE
SPACE						25	26					SPACE
SPACE						27	28					SPACE
SPACE						29	30					SPACE
SPACE						31	32					SPACE
SPACE						33	34					SPACE
SPACE						35	36					SPACE
SPACE						37	38					SPACE
SPACE						39	40					SPACE
SPACE						41	42					SPACE
			2572	3861	0			0	0	0		

A= 2572
B= 3,861
C= 0
TOTAL= 6,433

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

NEW PANEL 1GL1

TOTAL KW: 52.5 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 22,000 AIC | MLO(AMPS): 225
FEEDER: 4 #4/0 & 1 #4 GRD. - 2-1/2"C. | LOCATION: ELEC G-126

C/B		LOAD				LOAD			C/B		
LOAD DESCRIPTION	TRIP	POLE	A+	B+	C+	CCT. NO.	A+	B+	C+	TRIP	POLE	LOAD DESCRIPTION
RECEPS G105	20	1	1000			1	2	1000		20	1	RECEPS G104
CH-3 & REC G106	20	1		900		3	4		600	20	1	DISPLAY CASE G104
RECEPS EXT. BLDG.	20	1			400	5	6			600	20	1 DISPLAY CASE G102
RECEPS G102	20	1	800			7	8	1200			20	1 CH-2 G103
RECEPS G127	20	1		900		9	10		1200		20	1 DOOR OPERATORS G103
RECEPS G127	20	1			1000	11	12			600	20	1 RECEPS EXT. BLDG.
PARTITION G127	20	1	1000			13	14	1200			20	1 CH-2 G101
RECEPS G135	20	1		1000		15	16				20	1 SPARE
TICKET DESK G130	20	1			400	17	18			1200	20	1 DOOR OPERATORS G101
LOUER SOUND BOOTH	20	1	1200			19	20	700			20	1 CH-3 & REC G134/138
LOUER SOUND BOOTH	20	1		1200		21	22		1000		20	1 RECEPS G133
PARTITION G133	20	1			1000	23	24			900	20	1 REC/TV G133
RECEPS G135	20	1	1000			25	26	1000			20	1 RECEPS G135
RECEPS G139	20	1		1000		27	28		800		20	1 RECEPS G139
BOTTLE FILLER G139	20	1			720	29	30			200	20	1 STG MANAGER LECTERN
WORK LIGHT	20	1	500			31	32	1200			20	1 STG MANAGER PANEL
WORK LIGHT	20	1		500		33	34		500		20	1 WORK LIGHT
FLOORBOX G139	20	1			1200	35	36			500	20	1 WORK LIGHT
RECEPS G203	20	1	1000			37	38	1200			20	
SOUND CABINET	20	1		600		39	40		1200			AUDITORIUM HOIST
SOUND CABINET	20	1			600	41	42			1200	3	
PROJ SCREEN	20	1	1000			43	44	1200			20	
RECEPS G203	20	1		800		45	46		1200			AUDITORIUM HOIST
SPOTLIGHT G203	20	1			500	47	48			1200	3	
SPOTLIGHT G203	20	1	500			49	50	1200			20	
AUDIO CABINET G203	30	1		2400		51	52		1200			AUDITORIUM HOIST
PROJ G203	20	1			600	53	54			1200	3	
SPARE	20	1				55	56	1200			20	
SPARE	20	1				57	58		1200			AUDITORIUM HOIST
SPARE	20	1				59	60			1200	3	
			8000	9300	6420			11100	8900	8800		

A= 19,100
B= 18,200
C= 15,220
TOTAL= 52,520

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

NEW PANEL P8

TOTAL KW: 58.3 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 22,000 AIC | MLO(AMPS): 225
FEEDER: 4 #4/0 & 1 #4 GRD. - 2-1/2"C. | LOCATION: ELEC H-128

C/B		LOAD				LOAD			C/B		
LOAD DESCRIPTION	TRIP	POLE	A+	B+	C+	CCT. NO.	A+	B+	C+	TRIP	POLE	LOAD DESCRIPTION
CTR. RECEPS H120	20	1	800			1	2	3328		40		RANGE H120
MWAVE H120	20	1		1600		3	4		3328		2	
HOOD5 H120	20	1			1200	5	6			3328	40	RANGE H120
CTR. RECEPS H120	20	1	600			7	8	3328			2	
MWAVE H120	20	1		1600		9	10		3328		40	RANGE H120
HOOD5 H120	20	1			1200	11	12			3328	2	
MWAVE H120	20	1	1600			13	14	3328			40	RANGE H120
HOOD5 H120	20	1		1200		15	16		3328		2	
CTR. RECEPS H120	20	1			800	17	18			3328	40	RANGE H120
CTR. RECEPS H120	20	1	600			19	20	3328			2	
MWAVE H120	20	1		1600		21	22		3328		40	RANGE H120
DISHWASHER H120	20	1			1200	23	24			3328	2	
DISHWASHER H120	20	1	1200			25	26	1600			20	1 MWAVE H120
SPARE	20	1				27	28		1600		20	1 MWAVE H120
SPARE	20	1				29	30				20	1 SPARE
SPARE	20	1				31	32				20	1 SPARE
SPARE	20	1				33	34				20	1 SPARE
SPARE	20	1				35	36				20	1 SPARE
SPARE	20	1				37	38				20	1 SPARE
SPARE	20	1				39	40				20	1 SPARE
SPARE	20	1				41	42				20	1 SPARE
			4800	6000	4400			14912	14912	13312		

A= 19,712
B= 20,912
C= 17,712
TOTAL= 58,336

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

EX. PANEL P4

TOTAL KW: 27.4 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: RECESSED | BUSSING: COPPER | FAULT CURRENT RATING: 22,000 AIC | MLO(AMPS): 100
FEEDER: 4 #500KCMIL & 1 #3 GRD. IN 3-1/2"C. | LOCATION: SHOP H105

C/B		LOAD				LOAD			C/B		
LOAD DESCRIPTION	TRIP	POLE	A+	B+	C+	CCT. NO.	A+	B+	C+	TRIP	POLE	LOAD DESCRIPTION
	20		1800			1	2	600		20	1	RECEPS
BAND SAW				1800		3	4		600	20	1	RECEPS ABV CTR
		3			1800	5	6			400	20	1 REEL CORDS A
	20		1800			7	8	400			20	1 REEL CORDS B
BAND SAW				1800		9	10		1600		20	1 REEL CORDS TABLE SAW
		3			1800	11	12			1800	30	1 DRILL PRESS A
SPARE	20	1				13	14	1800			30	1 DRILL PRESS B
SPARE	20	1				15	16		1250		25	SPINDEL SANDER
SPARE	20	1				17	18			1250	2	
SPACE						19	20	1250			25	DISK SANDER
SPACE						21	22		1250		2	
SPACE						23	24			1250	25	BELT SANDER
	100					25	26	1250			2	
CONTACTOR TO EPO						27	28		1800		20	1 MITER SAW
		3				29	30				20	1 SPARE
			3600	3600	3600			5300	6500	4700		

A= 8,900
B= 10,100
C= 8,300
TOTAL= 27,300

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

EX. PANEL P6

TOTAL KW: 39.4 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 22,000 AIC | MLO(AMPS): 400
FEEDER: 4 #500KCMIL & 1 #3 GRD. IN 3-1/2"C. | LOCATION: ELEC H-114

C/B		LOAD				LOAD			C/B		
LOAD DESCRIPTION	TRIP	POLE	A+	B+	C+	CCT. NO.	A+	B+	C+	TRIP	POLE	LOAD DESCRIPTION
EXISTING HWCP-1	20	1	530			1	2	100		20	1	EXISTING DUH-1
SPRAY BOOTH H108	20	1		600		3	4		480	20	1	TUH-6,7
SPRAY BOOTH H108	20	1			600	5	6			920	20	1 DESK/TV - H104
DESK/TV - H108	20	1	900			7	8	800			20	1 REEL CORDS H104
RECEPS H108	20	1		1000		9	10		800		20	1 REEL CORDS H104
RECEPS H108	20	1			800	11	12			1200	20	1 RECEPS H104, H105
KILN HOOD H103	20	1	1000			13	14	540			20	1 EXISTING LOAD
KILN HOOD H103	20	1		1000		15	16		1200		20	3D PRINTER H104
RECEPS H111	20	1			1000	17	18			1200	2	
SPRAY BOOTH H111	20	1	600			19	20	1200			20	3D PRINTER H104
RECEPS H111	20	1		600		21	22		1200		2	
DESK/TV - H111	20	1			900	23	24			1200	20	1 PRINTER H104
AC/CU-1	25		2475			25	26	600			20	1 RECEPS H107
		2		2475		27	28		800		20	1 REEL CORDS H107
DATA RACK H121	20	1			1200	29	30			800	20	1 REEL CORDS H107
IDF H121	30		1500			31	32	900			20	1 DESK/TV - H107
		2		1500		33	34		1200		20	3D PRINTER H107
RECEPS H121	20	1			800	35	36			1200	2	
EXISTING LOAD	20	1				37	38	1200			20	3D PRINTER H107
EXISTING LOAD	20	1				39	40		1200		2	
SPARE	20	1				41	42			600	20	1 RECEPS H107
			7005	7175	5300			5340	6880	7100		

A= 12,945
B= 14,055
C= 12,400
TOTAL= 39,400

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

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MILLIES ENGINEERING GROUP (219) 924-5400 www.milliesengineeringgroup.com

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

GIBRALTAR DESIGN
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PROJECT 21-106
DATE 03/14/22
COORDINATED BY SM
DRAWN BY BAK/AG/MD
CHECKED BY DJ

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-2	04/06/22	ADDENDUM NO. 2

DRAWING
ELECTRICAL SCHEDULES

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET
E-601

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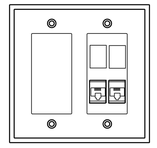
AD.02

WHERE DEVICE IS LOCATED IN A SPECIAL MOUNTING ARRANGEMENT SUCH A A FLOORBOX OR TELEPOWER POLE, UTILIZE INTEGRAL FACEPLATE IN LIEU OF STANDARD FACEPLATE.

REFERENCE TERMINATION AND COLOR CODING CHART FOR CABLE AND JACK COLORS



(1) MULTI-GANG SS FACEPLATE WITH (DECORA STYLE) OPENINGS
(1) 4 PORT DECORA STYLE MODULE FRAMES
(1) 1 PORT BLANK
(2) RJ45 UTP JACK INSERTS; 4 PR UTP CABLES TO ER/TR (HORIZONTAL PANEL)

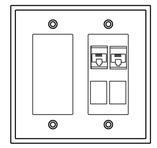
(1) DECORA BLANK FOR FUTURE CABLE TO LO OUTLET (PROJ OR TV)

271513

2 TV OR PROJECTOR LOCAL OUTPUT
NTS

WHERE DEVICE IS LOCATED IN A SPECIAL MOUNTING ARRANGEMENT SUCH AS A FLOORBOX OR TELEPOWER POLE, UTILIZE INTEGRAL FACEPLATE IN LIEU OF STANDARD FACEPLATE.

REFERENCE TERMINATION AND COLOR CODING CHART FOR CABLE AND JACK COLORS



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271513

1 TV OR PROJECTOR LOCAL INPUT
NTS

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION, AND RELATED WORK

CROWN POINT
COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21–106
DATE 3/14/22
COORDINATED BY BKS
DRAWN BY TKP
CHECKED BY BKS

REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER
Bicsi
Brian K Scott
BICSI ID # 114038
Expires 12.31.22
RCDD

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REVISIONS

AD.02	4/6/22	ADDENDUM 02

DRAWING

OUTLET DETAILS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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SHEET

T502

CONDUCTOR SIZING

Recommended Sizing of the Telecommunications Bonding Backbone Conductor (TBBC) and Grounding Equalizer (GE) per J-STD-607-A

The TBBC, BC, and BCT shall be copper conductors. The TBBC shall be sized at 2 kcmil per linear foot of conductor length up to a maximum size of a 3/0 AWG. The TBBC may be insulated. The Bonding conductor for Telecommunications (BCT) and Bonding Conductor (BC) shall be, as a minimum, the same size as the largest TBBC used.(1)

SIZE (AWG)	TBBC LENGTH LINEAR M (FT)	TBBC
	LESS THAN 4 (13')	6
	4-6 (14-20')	4
	6-8 (21-26')	3
	8-10 (27-33')	2
	10-13 (34-41')	1
	13-16 (42-52')	1/0
	16-20 (53-66')	2/0
	GREATER THAN 20 (66')	3/0*

The TEBC minimum conductor size shall be a No. 6 AWG.

*3/0 may not always be available. 4/0 is a more common size that may be substituted.
(1). Telecommunications Industry Association, Commercial Building Grounding (Earthing) and Bonding Requirements For Telecommunications, J-STD-607-A, October 2002.

ABBREVIATIONS

TR	= TELECOMMUNICATIONS ROOM
BBC	= BACKBONE BONDING CONDUCTOR
TBBC	= TELECOMMUNICATIONS BONDING BACKBONE CONDUCTOR
TEBC	= TELECOMMUNICATIONS EQUIPMENT BONDING CONDUCTOR
PBB	= PRIMARY GROUNDING BUSBAR
SBB	= SECONDARY GROUNDING BUSBAR
RBB	= RACK GROUNDING BUSBAR
ER	= EQUIPMENT ROOM
TBC	= TELECOMMUNICATIONSBONDING CONDUCTOR
EF	= ENTRANCE FACILITY

GROUNDING SYSTEM NOTES: (THIS DETAIL)

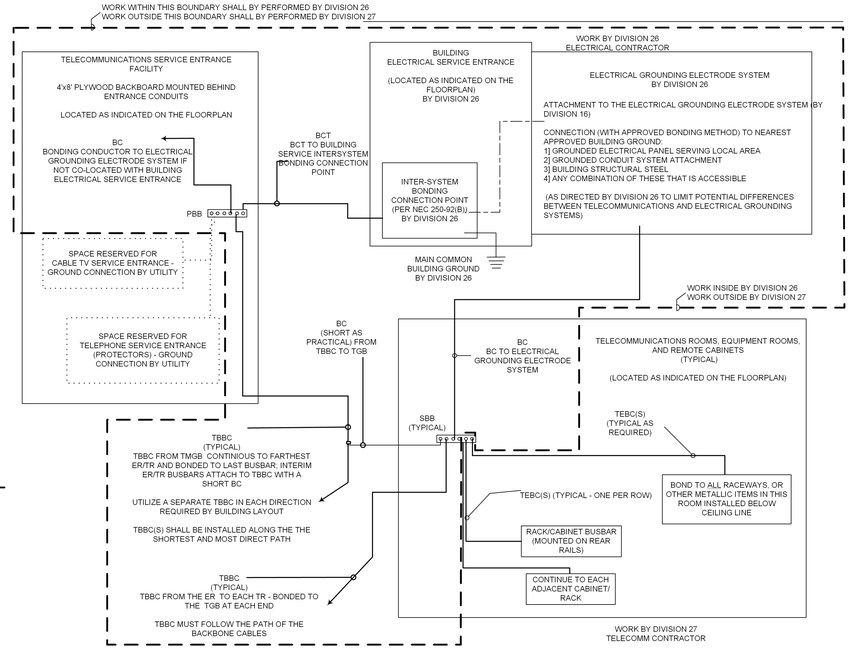
1] TBBC, TEBC, AND BC GROUNDING CONDUCTORS MUST BE INSTALLED IN COMPLIANCE WITH LOCAL CODES; THIS MAY REQUIRE INSTALLATION IN METALLIC CONDUIT IF RUN THROUGH PLENUM CEILING CAVITIES.

2] GROUNDING CONDUCTORS RUN THROUGH A CONDUIT SHALL BE BONDED TO THE CONDUIT AT EACH END.

3] ALL GROUND CONDUCTORS SHALL BE INSTALLED IN THE SHORTEST AND MOST DIRECT PATH PRACTICAL.

4] WHERE THE ENTRANCE FACILITY IS LOCATED IN THE ER, THE TMGB SHALL ALSO SERVE AS A TGB FOR THE ROOM; THE TBBCS REQUIRED FROM THE ER TO EACH TR ALONG THE BACKBONE CABLE PATH WILL ALSO BE USED TO CONNECT THE TGBS TO THE TMGB.

5] REMOTE CABINETS SHALL SUBSTITUTE A R/C BUSBAR IN PLACE OF THE TGB.



270526

TELECOMMUNICATIONS GROUNDING DIAGRAM
2 NTS

BACKBONE CABLE CONSTRUCTION NOTES

PREFACE

1) CABLE CONSTRUCTION OPTIONS ARE AVAILABLE TO FIT MOST ENVIRONMENTS. IN DETERMINING THE PROPER CABLE CONSTRUCTION AND INSTALLATION METHOD, UTILIZE THE FOLLOWING GUIDELINES.

2) THE FOLLOWING ARE PRE-APPROVED GUIDELINES FOR SELECTION OF CONSTRUCTION TYPE AND INSTALLATION METHOD. ANY DEVIATION FROM THESE GUIDELINES SHALL REQUIRE CONSULTANT'S APPROVAL PRIOR TO WORK BEING PERFORMED.

A – INDOOR CABLES

1) COPPER CABLES UTILIZED INSIDE CLOSED CONDUIT SYSTEMS SHALL HAVE A MINIMUM OF A "RISER" (UL) RATING.

2) COPPER CABLES USED IN INDOOR PATHWAYS SUCH AS J-HOOKS, LADDER RACK, CABLE TRAY, ETC., SHALL HAVE A MINIMUM OF A "RISER" (UL) RATING. IF ANY PORTION OF THE CABLE(S) PASSES THROUGH A SPACE DEFINED AS A "PLENUM" AIR SPACE, THE CABLE(S) SHALL HAVE A MINIMUM "PLENUM" RATING (UL).

3) FIBER OPTIC CABLES UTILIZED INSIDE CLOSED CONDUIT SYSTEMS SHALL HAVE A MINIMUM OF A "RISER" (UL) RATING. INNER-DUCT (TUBULAR OR TEXTILE) SHALL BE UTILIZED FOR CONDUITS LARGER THAN 3" TRADE SIZE.

4) FIBER OPTIC CABLES USED IN INDOOR PATHWAYS SUCH AS J-HOOKS, LADDER RACK, CABLE TRAY, ETC., SHALL HAVE A MINIMUM OF A "RISER" (UL) RATING. IF ANY PORTION OF THE CABLE(S) PASSES THROUGH A SPACE DEFINED AS A "PLENUM" AIR SPACE, THE CABLE(S) SHALL HAVE A MINIMUM "PLENUM" RATING (UL). FIBER OPTIC CABLES SHALL BE INSTALLED WITHIN A TUBULAR INNER-DUCT CARRYING THE SAME RATING AS THE CABLE.

5) FIBER OPTIC CABLES IN INDOOR PATHWAYS MAY BE SUPPLIED WITH A FLEXIBLE ARMORED CONSTRUCTION WHICH WILL FULFILL THE INNER-DUCT REQUIREMENT.

6) NOT USED

B – OUTDOOR CABLING

1) CABLES UTILIZED WITHIN A PATHWAY WHERE THE CABLE IS SUBJECT TO MOISTURE AND FREEZING/THAWING CYCLES SHALL BE OF AN "OSP" GRADE. NOTE: ALL CABLING, ABOVE OR BELOW GROUND, CONNECTING TWO OR MORE FACILITIES (WITH THE EXCEPTION OF A TUNNEL PATHWAY) SHALL BE CONSIDERED TO BE IN A WET ENVIRONMENT. THIS IS INCLUSIVE OF ALL CONDUITS BELOW THE SLAB WITHIN THE PERIMETER OF A FACILITY.

2) CABLES USED IN OUTDOOR OVERHEAD (AERIAL) PATHWAYS SHALL BE SUPPORTED BY LASHING TO A MESSENGER STRAND (SIZED AND INSTALLED SO AS TO ALLOW LESS THAN PERCENT SAG) OR PLACED WITHIN A CABLE TRAY. THESE CABLES SHALL BE UN-RATED AND SHALL BE CLASSIFIED AS HAVING "AERIAL/DUCT" CONSTRUCTION.

4) PAIRED COPPER CABLES UTILIZED INSIDE CLOSED UNDERGROUND CONDUIT SYSTEMS SHALL INCORPORATE WATER BLOCKING TECHNOLOGY AND SHALL HAVE AN OVERALL SHIELD. THE SHIELD SHALL BE BONDED TO TELECOMMUNICATIONS GROUND (ALONG WITH THE PROTECTOR GROUND). (NOTE: A SHIELD ISOLATION SHALL BE CREATED IN ONE POINT ALONG THE ROUTE TO PREVENT A GROUND PATH BETWEEN BUILDINGS.)

5) FIBER OPTIC CABLES USED INSIDE CLOSED UNDERGROUND CONDUIT SYSTEMS SHALL INCORPORATE WATER BLOCKING TECHNOLOGY AND BE OF LOOSE-TUBE CONSTRUCTION. INNER-DUCTS SHALL BE UTILIZED (TUBULAR OR TEXTILE AS SPECIFIED) TO PROTECT THE CABLE FROM DAMAGE WITHIN THE CONDUIT.

6) NOT USED

C – COMBINATION OF INDOOR AND OUTDOOR CABLING

1) ALL REQUIREMENTS ABOVE APPLY TO THESE APPLICATIONS. THE FOLLOWING ITEMS ARE EXCEPTIONS AND KEY INFORMATION FOR PROPER APPLICATION.

2) CABLES THAT ARE UN-LISTED AND CONSTRUCTED FOR OSP USE SHALL TERMINATE WITHIN 50' OF THE BUILDING ENTRANCE.

3) CABLES THAT ARE UN-LISTED AND CONSTRUCTED FOR OSP USE SHALL NOT BE IN A "PLENUM" AIR SPACE. ENTRANCE CONDUITS MUST CONTINUE THROUGH THIS TYPE SPACE TO BE TERMINATED.

4) COPPER CABLES BETWEEN ANY TWO FACILITIES SHALL BE PROTECTED AT EACH END WITH GROUNDED PROTECTOR UNITS WITH GAS TUBE PROTECTORS ON EACH PAIR.

5) FIBER OPTIC CABLE MAY BE OF AN INDOOR/OUTDOOR CONSTRUCTION AND CARRY THE APPROPRIATE UL LISTING (OFNR OR OFNP) FOR THE ENVIRONMENT TO AVOID SPLICING AT THE BUILDING ENTRANCE(S).

6) COPPER CABLES UTILIZED WITHIN A UNDERGROUND PATHWAY WHERE THE CABLE IS SUBJECT TO MOISTURE AND NOT SUBJECT TO FREEZING/THAWING CYCLES (BETWEEN TWO POINTS WITHIN A FACILITY. THESE CABLES MAY BE OF INDOOR CONSTRUCTION (WITH APPLICABLE RATING) IN INSTALLED WITHIN A CONTINUOUS PROTECTIVE TUBULAR INNER-DUCT WITHIN THE CONDUIT PROTECTING IT FROM MOISTURE.

270543

BACKBONE NOTES (THIS DETAIL)

1) BACKBONE CABLES ENTERING THE EQUIPMENT ROOM AND TELECOMMUNICATIONS ROOM(S) SHALL CONTINUE WITHIN EACH ROOM TO THEIR SPECIFIED TERMINATION POINT WITH ADEQUATE SERVICE LOOP (SEE NOTES THIS DETAIL).

2) NOT USED.

3) THIS DIAGRAM IS INTENDED TO SHOW BACKBONE CABLES REQUIRED BETWEEN MAJOR TERMINATION POINTS IN THIS PROJECT. THIS DIAGRAM IS NOT INTENDED TO INDICATE CABLE OR CONDUCTOR ROUTING OR TERMINATION METHODS OR LOCATIONS. UTILIZE DETAIL DRAWINGS AND FLOORPLANS FOR ADDITIONAL INFORMATION.

4) UNLESS OTHERWISE NOTED, BACKBONE TERMINATIONS SHALL BE AS FOLLOWS:

1] FIBER OPTIC CABLE WILL TERMINATE IN PATCH PANELS IN THE RACKS/CABINETS AT EACH END;

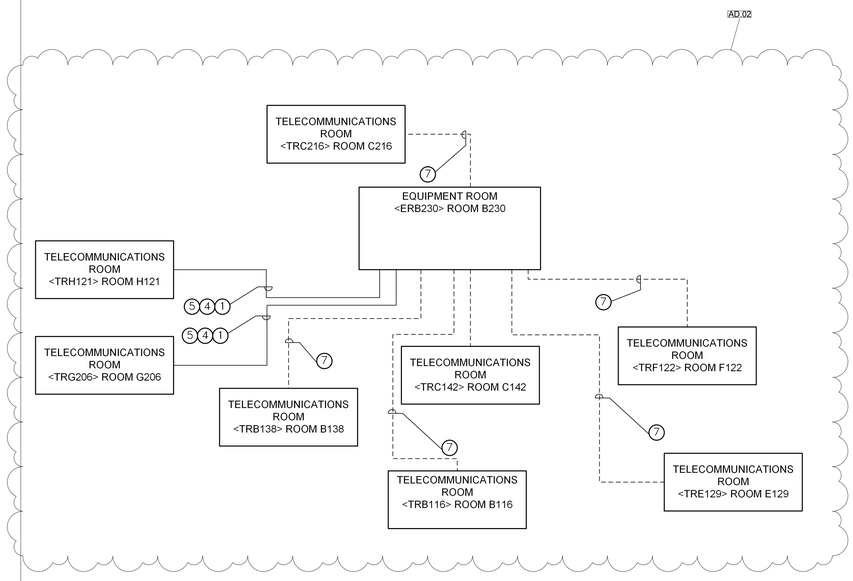
2] 4 PAIR COPPER CABLES SHALL BE TERMINATED WITH COLOR CODED RJ45 JACKS AND LANDED IN CONFIGURABLE/MODULAR PATCH PANELS AT EACH END;

3] WHERE REQUIRED, VIDEO COAX CABLES SHALL TERMINATE ON BACKBOARDS AT EACH END COILED FOR ATTACHMENT DIRECT TO EQUIPMENT;

4] UTP COPPER (VOICE) BACKBONE CABLES SHALL TERMINATE ON PATCH PANEL(S) IN THE TRS AND ON 110 STYLE BLOCKS ON A BACKBOARD IN THE ER (CABLE FROM THE BUILDING ENTRANCE FACILITY TO THE ER BACKBOARD SHALL TERMINATE ON 110 STYLE BLOCKS AT BOTH ENDS).

BACKBONE LEGEND: (THIS DETAIL)

1. QTY (2) 4 PAIR CATEGORY 6 CABLES
2. 6 STRANDS MULTIMODE FIBER OPTIC CABLE
3. 6 STRANDS SINGLEMODE FIBER OPTIC CABLE
4. 12 STRANDS MULTIMODE FIBER OPTIC CABLE
5. 12 STRANDS SINGLEMODE FIBER OPTIC CABLE
6. 25 PAIR CATEGORY 3 UNSHIELDED TWISTED PAIR CABLE
7. EXISTING TO REMAIN



TELECOMMUNICATIONS BACKBONE DIAGRAM
1 NTS

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PROJECT

COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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PROJECT 21-106
DATE 3/14/22
COORDINATED BY BKS
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Bicsi
Brian K Scott
BICSI ID # 114038
Expires 12-31-21

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REVISIONS

AD.02	4/6/22	ADDENDUM 02

DRAWING
TELECOMMUNICATIONS DIAGRAMS

PROJECT
COLONEL JOHN WHEELER MIDDLE SCHOOL ADDITION, RENOVATION AND RELATED WORK

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