ADDENDUM NO. 1

October 26, 2021

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
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 October 11, 2021 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 through ADD 1-4 and attached Addendum No. 1 from Gibraltar Design dated October 22, 2021 and consisting of 9 pages, Specification Section 11 35 53 - Athletic Equipment, and 131 drawings.

A. SPECIFICATION SECTION 00 31 00 - BID FORM

1. **Replace:**

   Bid Form with the attached revised Bid Form.

B. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

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

   1. **Add:**

   Clarification No. 20:
   Reference the AD Drawings; the **Bid Category No. 5 Contractor** shall provide all work indicated on Note 2. The **Bid Categories No. 1, 13, & 15 Contractors** shall provide all work indicated on Note 15 as required to complete their respective scopes of work. The **Bid Category No. 14 Contractor** shall provide all work indicated on Note 27. All other notes are the responsibility of the **Bid Category No. 1 Contractor**.

Clarification No. 21:
Regarding Specification Section 05 50 00 Miscellaneous Metals; the **Bid Category No. 1 Contractor** is responsible to provide all embeds, anchor bolts, bearing plates etc., to be built into unit masonry. The **Bid Category No. 2 Contractor** is responsible to provide all loose steel lintels not connected to structural steel.

Clarification No. 22:
The **Bid Category No. 1 Contractor** shall provide all work as indicated on drawing sheet A-760 including patching all existing surfaces to remain.

Clarification No. 23:
The **Bid Category No. 15 Contractor** shall provide all light pole bases for site lighting. The **Bid Category No. 15 Contractor** shall coordinate this work with the **Bid Category No. 1 Contractor.** The **Bid Category No. 15 Contractor** shall also remove all excess spoils from the site generated through providing underground utility work.

2. **BID CATEGORY NO. 2 - MASONRY**

1. **Add:**

Clarification No. 6:
Reference the General EIFS Refresh Notes on drawing sheets A-311 through A-314; the **Bid Category No. 2 Contractor** shall provide all work indicated on Note C. All other notes are the responsibility of the **Bid Category No. 5 Contractor**.

2. **Replace:**

Clarification No. 5:
Regarding Specification Section 05 50 00 Miscellaneous Metals; the **Bid Category No. 1 Contractor** is responsible to provide all embeds, anchor bolts, bearing plates etc., to be built into unit masonry. The **Bid Category No. 2 Contractor** is responsible to provide all loose steel lintels not connected to structural steel.

3. **BID CATEGORY NO. 5 - METAL STUDS/DRYWALL/CEILINGS**

1. **Add:**

Clarification No. 6:
Reference the AD Drawings; the **Bid Category No. 5 Contractor** shall provide all work indicated on Note 2. The **Bid Categories No. 1, 13, & 15 Contractors** shall provide all work indicated on Note 15 as required to complete their respective scopes of work. The **Bid Category No. 14 Contractor** shall provide all work indicated on Note 27. All other notes are the responsibility of the **Bid Category No. 1 Contractor**.

Clarification No. 7:
Reference the General EIFS Refresh Notes on drawing sheets A-311 through A-314; the **Bid Category No. 2 Contractor** shall provide all work indicated on Note C. All other notes are the responsibility of the **Bid Category No. 5 Contractor**.

3. **BID CATEGORY NO. 13 - PLUMBING**

1. **Add:**

Clarification No. 10:
Reference the AD Drawings; the **Bid Category No. 5 Contractor** shall provide all work indicated on Note 2. The **Bid Categories No. 1, 13, & 15 Contractors** shall provide all work indicated on Note 15 as required to complete their respective scopes of work. The **Bid Category No. 14 Contractor** shall provide all work indicated on Note 27. All other notes are the responsibility of the **Bid Category No. 1 Contractor**.

4. **BID CATEGORY NO. 14 - MECHANICAL**

1. **Add:**

Clarification No. 9:
Reference the AD Drawings; the **Bid Category No. 5 Contractor** shall provide all work indicated on Note 2. The **Bid Categories No. 1, 13, & 15 Contractors** shall provide all work indicated on Note 15 as required to complete their respective scopes of work. The **Bid Category No. 14 Contractor** shall provide all work indicated on Note 27. All other notes are the responsibility of the **Bid Category No. 1 Contractor**.

5. **BID CATEGORY NO. 15 - ELECTRICAL**

1. **Add:**

Clarification No. 11:
Reference the AD Drawings; the **Bid Category No. 5 Contractor** shall provide all work indicated on Note 2. The **Bid Categories No. 1, 13, & 15 Contractors** shall provide all work indicated on Note 15 as required to complete their respective scopes of work. The **Bid Category No. 14 Contractor** shall provide all work indicated on Note 27. All other notes are the responsibility of the **Bid Category No. 1 Contractor**.

Clarification No. 12:
The **Bid Category No. 15 Contractor** shall provide saw cutting, removal and replacement of concrete as required to accommodate work as shown on the E Drawings. The **Bid Category No. 15 Contractor** shall also include scanning of floors prior to performing any saw cutting.

Clarification No. 13:
The **Bid Category No. 15 Contractor** shall provide all light pole bases for site lighting. The **Bid Category No. 15 Contractor** shall coordinate this work with the **Bid Category No. 1 Contractor.** The **Bid Category No. 15 Contractor** shall also remove all excess spoils from the site generated through providing underground utility work.

C. SPECIFICATION SECTION 01 23 00 - ALTERNATES

1. **Add:**

ALTERNATE NO. 11: State the cost for new pole bases, poles, and lighting fixture heads, and final electrical connections, as shown on sheet E-003 and scheduled on sheet E-503. **Base Bid:** Site lighting circuitry, wiring, and conduit from existing panelboard and controls to proposed new parking lot site lighting locations for future pole bases, poles, and lighting fixture heads.

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for CPCSC)

Crown Point High School
Additions and Renovations

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, ***Crown Point High School Additions and Renovations***, 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 – Cleaning and Repairs to Existing EIFS

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

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

Alternate Bid No. 2 – Roof System

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

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

Alternate Bid No. 3 – Temporary Relocation of JV Softball Field

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

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

Alternate Bid No. 4 – Increased Height of Overhead Door

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

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

Alternate Bid No. 5 – Boilers Manufactured by Camus

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

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

Alternate Bid No. 6 – Chillers Manufactured by Trane

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

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

Alternate Bid No. 7 – 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. 8 – Chemical Water Treatment by Global Water Technology

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

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

Alternate Bid No. 9 – Fieldturf as the Artificial Turf Manufacturer

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

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

Alternate Bid No. 10 – Mondo as the Rubber Sports Floor Manufacturer

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

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

Alternate Bid No. 11 – New Pole Bases, Poles, Lighting Fixture Heads, Final Electrical Connections

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 ONE

Addendum One (AD.01) to the drawings and specifications prepared by Gibraltar Design and The Skillman Corporation for **Crown Point High School Additions and Renovations** for Crown Point Community School Corporation, Crown Point, Indiana.

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

SPECIFICATIONS

1. **Specification Section 09 84 00 Acoustical Wall Panels**
   A. Paragraph 2.2.A, add Essi Acoustical products Company as approved for fabric wrapped acoustical wall panels for this project. All requirements of the Drawings and Specifications shall be met, including the color selections.
2. **Specification Section 11 66 23 Athletic Equipment**
   A. Replace Specification Section 11 66 23, Athletic Equipment, in its entirety with the new Section included with this addendum.
3. **Specification Section 12 35 53 Science Laboratory Casework and Equipment**
   A. Add Paragraph 2.1. D., Leonard Peterson, Co., Auburn, Alabama, to the list of approved manufacturers.
   B. Revise Paragraph 2.5.A. to read "A. Casework Design: Lipped Overlay with radiused edges."
4. **Specification Section 23 09 23 Temperature Controls**
   A. Revise Paragraph 2.06 A. to read:
      "A. The pump Variable Frequency Drive (VFD) shall be ABB Model ACH580. ACH580 18-Pulse drive package rated UL (NEMA) Type 1. Provided with main input circuit breaker and E-Clipse Bypass (Vertical). Include with Bluetooth control panel. Equivalent VFD's manufactured by Eaton, Hitachi or Danfoss are acceptable."
5. **Specification Section 23 64 16 Centrifugal Water Chillers**
   A. Add Paragraph 2.10 O. to read:
      "O. Provide with factory mounted and wired active harmonic distortion filter to limit total demand distortion to 5% of unit input."

DRAWINGS

1. **Sheet(s) G-102v1, G-102v2, G-102v3**
   A. Refer to Three (3) revised full-size drawings, included in this Addendum, for including

sheet AD-117 UNIT “T” ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN, and removed reference to Sheet T-742.

2. **Sheet G-301**
   A. Refer to revised full-size drawing, included in this Addendum, for Added Partition Type "H".
3. **Sheet C-1.0**
   A. Refer to revised full-size drawing, included in this Addendum, for text change for clarification.
4. **Sheet C-1.2**
   A. Refer to revised full-size drawing, included in this Addendum, for the following revisions:
      1. Removed unnecessary watermain text.
      2. Removed Alternate Number 1.
      3. Added fence to be removed across entrance at south end.
5. **Sheet C-2.0**
   A. Refer to revised full-size drawing, included in this Addendum, for the following revisions:
      1. Removed Alternate Bid Number 1.
      2. Added Legend information.
6. **Sheet C-2.1**
   A. Refer to revised full-size drawing, included in this Addendum, for removed Alternate Bid Number 1.
7. **Sheet C-2.2**
   A. Refer to revised full-size drawing, included in this Addendum, for added handicap ramp text location.
8. **Sheets C-3.0 and 3.1**
   A. Refer to Two (2) revised full-size drawings, included in this Addendum, for changes to storm sewer type, sizes and slopes, and numbering.
9. **Sheet C-4.0**
   A. Refer to revised full-size drawing, included in this Addendum, for text changed in SPECIFICATIONS FOR STORM SEWERS.
10. **Sheet C-4.1**
    A. Refer to revised full-size drawing, included in this Addendum, for Parking Bumper detail removed.
11. **Sheets C-5.0 through C-5.3**
    A. Refer to Four (4) revised full-size drawings, included in this Addendum, for changes to storm sewer type, sizes and slopes, and numbering.
12. **Sheet S-104**
    A. Refer to revised full-size drawing, included in this Addendum, for revisions.
13. **Sheets S-201 and S-202**
    A. Refer to Two (2) revised full-size drawings, included in this Addendum, for revisions.

14. Sheets S-204, S-205, S-206, S-207

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

15. Sheet S-401

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

16. Sheet S-403

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

17. Sheets S-405 and S-406

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

18. Sheet S-501

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

19. Sheet AD-106

A. Refer to revised full-size drawing, included in this Addendum, for clarification of demolition area along north corridor.

20. Sheet AD-117

A. Refer to revised full-size drawing, included in this Addendum, for noted revisions, including demo of existing southern canopy structure.

21. Sheet A-104

A. Refer to revised full-size drawing, included in this Addendum, for revisions to room D-110 TV Lab and D-110A Storage.

22. Sheet A-106

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

23. Sheet A-108

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

24. Sheet A-114

A. Refer to revised full-size drawing, included in this Addendum, for clarification of extent of VCT up to then entry to the space from corridor M-103 and general notes.

25. Sheet A-115

A. Refer to revised full-size drawing, included in this Addendum, for (1) batting cage removed and general note clarification.

26. Sheet A-117

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

27. Sheet A-119

A. Refer to revised full-size drawing, included in this Addendum, for modified partition type indication of 4" CMU walls in Room B-215.

28. Sheet A-123

A. Refer to revised full-size drawing, included in this Addendum, for revised notes along existing exterior face.

29. Sheet A-211

A. Refer to revised full-size drawing, included in this Addendum, for added structural sheathing notation at Detail 3.

30. Sheets A-412, A-413

A. Refer to two (2) revised full-size drawings, included in this Addendum, for masonry wall sections clarified (took masonry to structure above) to reflect plan notations.

31. Sheet A-417

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

1. Modified window section at Detail 6.
2. Added Detail 7, SECTION.

32. Sheet A-511

A. Refer to revised full-size drawing, included in this Addendum, for added Detail 16, PLAN DETAIIL.

33. Sheet A-512

A. Refer to revised full-size drawing, included in this Addendum, for added clarifying notes to certain details.

34. Sheet A-513

A. Add full-size drawing, included in this Addendum: ENLARGED PLAN DETAILS (already included on the sheet index).

35. Sheet A-601

A. Refer to revised full-size drawing, included in this Addendum, for removed Door D-110AA, added metal frame D-110E, revised glass schedule, and noted revisions.

36. Sheet A-602

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

37. Sheet A-610

A. Refer to revised full-size drawing, included in this Addendum, for modifications to frame “X”, “DD”, “EE”, and new “FF”.

38. Sheet A-620

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

39. Sheet A-704

A. Refer to revised full-size drawing, included in this Addendum, for revised desk and cabinet layout in TV Lab D-110.

40. Sheet A-750

A. Add full-size drawing, included in this Addendum: MILLWORK ENLARGED PLANS, ELEVATIONS, AND SECTIONS (already included on the sheet index).

41. Sheet A-901 through A-935

A. Refer to revised full-size drawing, included in this Addendum, for clarification of the reflected ceiling plan notes and removal of keynotes that referenced work shown on the floor plans.

42. Sheet A-902

A. Refer to revised full-size drawing, included in this Addendum, for removal of duplicate indication of linear lighting in rooms B104, B-105, and B-119.

43. Sheet A-904

A. Refer to revised full-size drawing, included in this Addendum, for clarification of ceiling lighting over the media center counter to match the electrical sheets.

44. Sheet A-908

A. Refer to revised full-size drawing, included in this Addendum, for clarification of ceiling in cafeteria expansion room H-123.

45. Sheet A-912

A. Refer to revised full-size drawing, included in this Addendum, for clarification of ceiling lighting in the satellite kitchen to match the electrical sheets.

46. Sheet A-921

A. Refer to revised full-size drawing, included in this Addendum, for clarification of ceiling lighting in the clerestory to match the electrical sheets.

47. Sheet A-935

A. Refer to revised full-size drawing, included in this Addendum, for the addition of general reflected ceiling plan notes, reflected ceiling legend, and ceiling plan notes.

48. Sheet A-940

A. Add full-size drawing, included in this Addendum: CEILING AND BULKHEAD DETAILS (already included on the sheet index).

49. Sheet MD209

A. Refer to revised full-size drawing, included in this Addendum, for added note for boiler to be removed.

50. Sheets MV102 and MV104

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

51. Sheet MV108

A. Refer to revised full-size drawing, included in this Addendum, for rebalance note added for AH S-24.

52. Sheet MV112

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

53. Sheet MV118

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

54. Sheet MV121

A. Refer to revised full-size drawing, included in this Addendum, for VAV-2B renamed VAV-2A.

55. Sheets MV127, MV129, MV130, MV131,

A. Add four (4) new full-size drawings, included in this Addendum, to the construction Documents.

56. Sheet MP104

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

57. Sheet MP121

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

58. Sheet M-135

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

59. Sheet M-136

A. Refer to revised full-size drawing, included in this Addendum, for revised location of GEF-2 and GEF-3.

60. Sheet M-140

A. Add new full-size drawing, included in this Addendum, to the Construction Documents.

61. Sheet M-301

A. Refer to revised full-size drawing, included in this Addendum, for added hot water reheat coil.

62. Sheet M-401

A. Refer to revised full-size drawing, included in this Addendum, for added hot water piping for reheat coil.

63. Sheet M-402

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

1. Modified condenser water supply and return piping from 10” to 12” at CTP-1 & 2.
2. Added Variable Frequency Drives for CTP-1 & 2.
3. Added notes for extended existing concrete pad at new chillers, boilers, & pumps.
4. Moved location of HWP-1G and VFD for the pump
5. Moved location of chemical feeder and by-pass filter system for boiler and chiller systems.
6. Moved Variable Frequency Drive for HWP-1 & 2 on Unistrut supported on floor.
7. Moved Variable Frequency Drive for CWP-1 & 2 on Unistrut supported on floor.
8. Shifted the boiler combustion air intake and vent ducts to coordinate with the location of the existing 6” gas piping main in Boiler Room.

64. Sheet M-405

A. Add new full-size drawing, included in this Addendum, to the Construction Documents.

65. Sheet M-501

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

1. Added Note 15 to AH S-27.
2. Added Note 14 to the remarks for GEF-1,2,3,4,16,17.

66. Sheet M-502

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

1. Added “units controlled by” to DEF-1,2,3.
2. Added Mechanical Equipment Schedule remarks Notes #14 and #15.
3. Modified VAV Schedules for S-4,S-5,S-6,S-9,S-25, and S-26.

67. Sheet M-503

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

68. Sheet M-602

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

1. Added notes for extended existing concrete pad at new chillers, boilers and pumps.
2. Removed SD-7 from Chilled Water Diagram and Schedule.
3. Moved CFS-1 from interior of building to exterior of building near the cooling towers.
4. Modified condenser water supply and return piping from 10” to 12” at CTP-1 and 2.

69. Sheet P-112

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

70. Sheet P-212

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

1. Added tags for kitchen equipment
2. Added domestic cold-water connection for kitchen equipment.

71. Sheet P-602

A. Refer to revised full-size drawing, included in this Addendum, for revised domestic water riser for kitchen area.

72. Sheet E-001

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

73. Sheet E-002 and E-003

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

74. Sheet ED101

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

1. Added general notes.
2. Removed exterior site pole.

75. Sheets ED106, ED107, ED108, ED109, ED110, ED112, ED114, ED116, ED117 ED121,

A. Refer to Ten (10) revised full-size drawings, included in this Addendum, for added General Notes.

76. Sheet EL101

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

1. Revised lighting fixture type tags on multiple fixtures.
2. Removed exterior site pole.

77. Sheets EL102, EL104, EL106, EL108, EL110, EL112, EL114, EL116, EL117, EL118, EL119, EL121

A. Refer to Twelve(12) revised full-size drawings, included in this Addendum, for revised lighting fixture type tags on multiple fixtures.

78. Sheet EP104

A. Refer to revised full-size drawing, included in this Addendum, for revised cool down room receptacles.

79. Sheet EP109

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

1. Revised power panels.
2. Revised mechanical equipment electrical connections.
3. Added sheet notes.

80. Sheet EP118

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

1. Added fan coil connections.
2. Added sheet note.

81. Sheets EP136 and EP137

A. Refer to Two (2) revised full-size drawings, included in this Addendum, for added mechanical equipment connections.

82. Sheet E-503

A. Refer to revised full-size drawing, included in this Addendum, for revised lighting fixture model numbers.

83. Sheet E-504

A. Refer to revised full-size drawing, included in this Addendum, for revised lighting fixture specifications.

84. Sheet E-602

A. Refer to revised full-size drawing, included in this Addendum, for revised mechanical equipment connection schedule.

85. Sheet E-603

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

1. Revised mechanical equipment connection schedule.
2. Revised pump equipment connection schedule.
3. Added circuits to Panel KP-1.

86. Sheet E-604

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

1. Revised load descriptions for Panels LA10, LA11, LA20, LA21 and LD21.
2. Revised fault current rating for Panels LA21, LA10, LT20, LA22, LA11, LT10, LD21 and LA20.
3. Revised feeder size and amps for Panel LD21.

87. Sheet E-605

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

1. Revised load descriptions for Panels LF10 and SA20.
2. Revised Panels PF10 and PA20 to MLO.
3. Revised enclosure, mounting, bussing, fault current rating for Panels PA20, PT20A, LF10 and PA20.
4. Revised feeder size and amps for Panel LF10.

Pages 1 through 9, inclusive, Specification Section 11 35 53, and One Hundred and Thirty-One (131) Full-Size Drawings constitute the total makeup of **Addendum One**.

GIBRALTAR DESIGN

Joseph P. Briggs

Y:\21-111 Crown Point CSC - Crown Point High School\Specs\Addendum One\AD01.doc

SECTION 11 66 23
ATHLETIC EQUIPMENT

1 General

1.1 Section Includes

A. Safety cushion wainscot.

B. Fold-up gymnasium divider curtain.

C. Suspended Baseball Batting and Golf Practice Cages.

1.2 Products Furnished But Not Installed Under This Section

A. Section 04 20 00 - Unit Masonry: Anchor bolts grouted in masonry for wall anchorage of equipment.

1.3 Related Sections

A. Section 08 71 00 – Door Hardware: Masterkeyed cylinders.

B. Sections 09 64 29 – Wood Athletic Flooring System: Coordinate installation of floor inserts with Flooring Contractor.

C. Section 09 91 00 - Painting: Finishing of safety cushion wainscot trim.

D. Division 26 - Electric Wiring Systems: Junction boxes, conduit, wiring, and connections between electrically operated winches and switches.

1.4 References

A. ASTM A36 - Structural Steel.

1.5 Submittals

A. Submit shop drawings under provisions of Division 1.

1. Include wiring diagrams for all electrical equipment.

2. Include sizes of all members to be attached to structural steel items.

B. Submit product data under provisions of Division 1.

1.6 Operation And Maintenance Data

A. Submit operation and maintenance data under provisions of Division 1.

1.7 Delivery, Storage, And Handling

A. Deliver products to site under provisions of Division 1.

B. Store and protect products under provision of Division 1.

2 Products

2.1 Safety Cushion Wainscot

A. Acceptable Manufacturers:

1. Porter Athletic Equipment Company, Broadview, Illinois.
2. Performance Sports Systems, Noblesville, Indiana.
3. Draper, Spiceland, Indiana.
4. Or approved equal.

B. Safety Cushion Wainscot: Equal to Porter Supersafe Wall Pads; Performance Sports Systems Wall Padding; Draper Wall Pads.

1. Fabrication: Polyurethane foam padding, 2 inches thick, covered with 19 oz. vinyl coated nylon fabric, attached to 7/16-inch thick fire treated plywood backing.
2. Furring Strips: Pressure treated wood, Nominal 2 x 4 inches.
    a. Attachments: Wall Pad Mounting Clips. Requires consistent mounting on pad units and on wall furring strips – Contractor to set clips with laser installation method.
3. Pad Colors: **Refer to Finish Legend.**
4. Wall Pad Cutouts: Sewn vinyl cut-out kits. Fire retardant molded insert for single-gang and double gang electrical outlets. Kits shall be Draper Model 504700 (gray finish)504701 (black finish) or equal by Porter or Performance Sports Systems. Color as selected by the Architect.

2.2 Divider Curtains

A. Acceptable Manufacturers:

1. Porter Athletic Equipment Company, Broadview, Illinois.
2. Performance Sports Systems, Noblesville, Indiana.
3. Draper, Inc., Spiceland, IN.
4. Or approved equal.

B. Roll-Fold Divider Curtain: Provide one inbetween Weights T-109 and Indoor Synthetic Turf T-111.

1. Porter Model 670; PS 4020 Fold Up Divider; Performance Sports Systems Model 4020; Draper Roll-Up Gym Divider.
2. Size: Refer to Drawings.
    a. Verify after installation of bleachers.

C. Fabric and Netting: Fire retardant, waterproof, rot and mildew resistant.

1. Fabric: Solid vinyl polyester reinforced fabric, 18 ounces per square yard, containing anti-bacterial, fungi-resistant, and flame retarding chemicals.

2. Netting: Open polyester interlocking grid weave coated with polyvinyl chloride with approximately 50 percent open area, 6 ounces per square yard.

3. Fabrication: Fabricate in one continuous piece for each curtain.

a. Electronically weld entire curtain, both fabric and netting.

b. Colors as selected from manufacturer's available colors.

c. Fabricate lower 10 feet of curtain using fabric, with remainder being netting.

d. Fabricate top hem of fabric to accommodate top support pipe.

4. Provide pocket in top and bottom of curtain to conceal continuous 1 5/8 inches OD steel tube, full length of curtain.

5. Color: **Refer to Finish Legend.**

D. Operation:

1. Winch: Compensating type, fully enclosed worm gear winch.

2. Motor: Minimum 3/4 hp capacitor type, 115 volt AC, 60 Hz, single phase, or as approved by the Architect, with thermal overload protection; disconnect switch.

a. Coordinate location of motor(s) with Division 26.

b. If different size motor is required, this Contractor shall be responsible for all electrical changes required as a result of this change.

3. Provide up and down limit switch assembly mounted and pre-wired to the motor, adjustable without using tools.

4. Controls: Remote flush mounted master keyed switch with stainless steel cover; UP, DOWN, and OFF positions.

a. Coordinate location of motor(s) with Division 26.

b. Locate controllers and metal cabinets as indicated on the Electrical Drawings. Verify exact locations with ArchitectConstruction Manager.

5. Hoisting Apparatus:

   a. Cables: 1/8 inch diameter galvanized steel aircraft cable, spaced at maximum 12 feet on center, running through metal grommets.

      1) Attach cables to bottom pipe and to top hoisting arrangement.

   b. Top Hoisting Apparatus: Individual hoist drums positioned on upper tube and special support assemblies adjacent to the cable hoist drums.

   c. Provide malleable iron fittings with chain supports to pipe at top of curtain.

   d. Provide additional safety cable straps at each connection between hoisting apparatus and building structure.

2.3 Baseball Batting and Golf Practice Cages

A. Acceptable Manufacturers:

   1. Porter Athletic Equipment Company, Broadview, Illinois.

   2. Performance Sports Systems, Noblesville, Indiana.

   3. Draper, Inc., Spiceland, IN.

   4. Or approved equal.

B. Bottom-Folding Suspended Cage Units: Provide one (1) in Indoor Synthetic Turf T-111 and one (1) in Field House P-133.

   1. Porter Model 90920201; Performance Sports Systems Model 4080-70 Opt 2; Draper Bottom-Lifting MSP Cage.

   2. Size: 12 foot x 12 foot x 70 foot Units.

C. Fabric and Netting: Fire retardant, waterproof, rot and mildew resistant.

   1. Netting: 3/4-inch square, knotless nylon mesh netting (#420 twine), Black color, containing anti-bacterial, fungi-resistant, and flame retarding chemicals.

   2. Netting Design: Provide with manufacturers standard bindings sawn into perimeter of each section. Allow for additional fabric/netting to lay on floor such as to eliminate balls from being driven under the netting.

   3. Fabrication: As recommended by manufacturer.

   4. Supporting Frame: 12 foot x 70 foot of cage constructed of 1-7/8-inch o.d. piping, with cross spreaders at 14'-0" o.c. typical. Utilize manufacturers standard bracing and support tubing per system design.

5. Miscellaneous Framing: Cable and Pulley/Webbing support system and framing shall be provided by manufacturer and installed by contractor for over head support of cage system. Provide a complete and operational support system as required by the manufacturer.

D. Operation:

1. Winch: Compensating type, fully enclosed worm gear winch.

2. Motor: Manufacturers recommended unit for cage system.

a. Coordinate location of motor(s) with Division 26.

b. If different size motor is required, this Contractor shall be responsible for all electrical changes required as a result of this change.

3. Provide up and down limit switch assembly mounted and pre-wired to the motor, adjustable without using tools.

4. Controls: Remote flush mounted master keyed switch with stainless steel cover; UP, DOWN, and OFF positions.

a. Coordinate location of motor(s) with Division 26, and Owner.

5. Hoisting Apparatus:

a. Cables: 1/8 inch diameter galvanized steel aircraft cable, spaced at maximum 14 feet on center, or as directed by manufacturer.

3 Execution

3.1 Examination

A. Verify field measurements and conditions.

B. Beginning of installation means installer accepts existing conditions.

3.2 Installation

A. General:

1. Install all items in accordance with manufacturer's instructions.

2. Eliminate exposed through-wall bolts.

3. Install supports, fittings, etc., required above acoustical ceilings prior to installation of acoustical ceilings.

4. Conform to latest standards and requirements of IHSAA at time of installation.

B. Safety Cushion Wainscot:

1. Provide cut-outs for outlets, switch covers, etc., during installation.

2. Provide continuous furring strips at top, bottom, vertical ends, around cut-outs, and horizontally at 1'-4" on center.

C. Division 26 will provide rough-in boxes in wall and concealed raceway from box to divider curtain motors for control wiring.

1. Division 26 will provide appropriate electrical disconnects and electrical connections to motors.

2. See Electrical Drawings for location of controllers.

END OF SECTION

VOLUME 1

G GENERAL

G–101v1 COVER SHEET – VOLUME 1
G–101v1 SHEET INDEX – VOLUME 1

G–201 FIRST FLOOR LIFE SAFETY PLAN
G–202 SECOND FLOOR LIFE SAFETY PLAN

G–301 TYPICAL ACCESSIBLE MOUNTING HEIGHTS, ABBREVIATIONS, SYMBOLOGY, AND LEGEND
G–302 TYPICAL NOTES

C CIVIL

C–1.0 EXISTING TOPOGRAPHY AND EXISTING UTILITIES
C–1.1 EXISTING IRRIGATION LINE LOCATION
C–1.2 DEMOLITION PLAN

C–2.0 MASTER SITE PLAN
C–2.1 SITE PLAN
C–2.2 SITE PLAN

C–3.0 MASTER UTILITIES PLAN
C–3.1 GRADING, STORM SEWERS, SANITARY SEWERS & WATER MAIN PLAN
C–3.2 GRADING, STORM SEWERS, SANITARY SEWERS & WATER MAIN PLAN

C–4.0 DETAILS AND SPECIFICATIONS
C–4.1 DETAILS AND SPECIFICATIONS

C–5.0 MASTER STORM WATER POLLUTION RETENTION PLAN – CONSTRUCTION
C–5.1 STORM WATER POLLUTION PREVENTION PLAN – CONSTRUCTION
C–5.2 STORM WATER POLLUTION PREVENTION PLAN – CONSTRUCTION
C–5.3 STORM WATER POLLUTION PREVENTION PLAN – POST CONSTRUCTION

C–6.0 STORM WATER POLLUTION PREVENTION PLAN DETAILS
C–6.1 STORM WATER POLLUTION PREVENTION PLAN DETAILS

S STRUCTURAL

S–101 UNIT 'A' FOUNDATION PLAN
S–102 UNIT "F", FOUNDATION PLAN
S–103 UNIT "K", FOUNDATION PLAN
S–104 UNIT "T", FOUNDATION PLAN
S–201 UNIT "A", SECOND FLOOR FRAMING PLAN
S–202 UNIT "F", SECOND FLOOR/LOW ROOF FRAMING PLAN
S–203 UNIT "T", SECOND FLOOR FRAMING PLAN
S–204 UNIT "A", ROOF FRAMING PLAN
S–205 UNIT "F", ROOF FRAMING PLAN
S–206 UNIT "K", ROOF FRAMING PLAN
S–207 UNIT "T", ROOF FRAMING PLAN
S–208 UNIT "A", MEZZANINE ROOF FRAMING PLAN
S–401 UNIT FOUNDATION DETAILS
S–402 TYPICAL FOUNDATION DETAILS
S–403 FRAMING/ STRUCTURAL DETAILS
S–404 FRAMING/ STRUCTURAL DETAILS
S–405 FRAMING/ STRUCTURAL DETAILS
S–406 FRAMING/ STRUCTURAL DETAILS
S–421 TYPICAL MASONRY NOTES
S–501 STRUCTURAL NOTES
S–502 STRUCTURAL NOTES

A ARCHITECTURAL

AD–101 NOT USED
AD–102 UNIT "B" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD–103 UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD–104 UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD–105 NOT USED
AD–106 UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD–107 UNIT NOT USED
AD–108 UNIT "H" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD–109 NOT USED
AD–110 UNIT "K" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD–111 NOT USED
AD–112 UNIT "M" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD–113 NOT USED
AD–114 UNIT "P" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD–115 UNIT "R" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD–116 UNIT "S" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD–117 UNIT "T" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN — AD–1
AD–118 NOT USED
AD–119 UNIT "B" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN
AD–120 NOT USED
AD–121 UNIT "D" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN
AD–122 NOT USED
AD–123 UNIT "F" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

A–101 UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN
A–102 UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN
A–103 UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN
A–104 UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN
A–105 NOT USED
A–106 UNIT "F" ARCHITECTURAL FIRST FLOOR PLAN
A–107 NOT USED
A–108 UNIT "H" ARCHITECTURAL FIRST FLOOR PLAN
A–109 NOT USED
A–110 UNIT "K" ARCHITECTURAL FIRST FLOOR PLAN
A–111 NOT USED
A–112 UNIT "M" ARCHITECTURAL FIRST FLOOR PLAN
A–113 NOT USED
A–114 UNIT "P" ARCHITECTURAL FIRST FLOOR PLAN
A–115 UNIT "R" ARCHITECTURAL FIRST FLOOR PLAN
A–116 UNIT "S" ARCHITECTURAL FIRST FLOOR PLAN
A–117 UNIT "T" ARCHITECTURAL FIRST FLOOR PLAN
A–118 UNIT "A" ARCHITECTURAL SECOND FLOOR PLAN
A–119 UNIT "B" ARCHITECTURAL SECOND FLOOR PLAN
A–120 NOT USED
A–121 UNIT "D" ARCHITECTURAL SECOND FLOOR PLAN
A–122 NOT USED
A–123 UNIT "F" ARCHITECTURAL SECOND FLOOR PLAN
A–124 A–124 THRU A–133 NOT USED
A–134 UNIT "T" ARCHITECTURAL SECOND FLOOR PLAN
A–135 UNIT "A" PENTHOUSE UNIT "D" CLERESTORY PLANS

A–201 OVERALL ARCHITECTURAL ROOF PLAN
A–202 PARTIAL UNIT "A" AND "F" ENLARGED ROOF PLANS
A–203 PARTIAL UNIT "K" AND "T" ENLARGED ROOF PLANS
A–210 ROOF DETAILS
A–211 ROOF DETAILS
A–212 ROOF DETAILS

A–301 UNIT "A" EXTERIOR ELEVATIONS
A–302 UNIT "F" and "K" EXTERIOR ELEVATIONS
A–303 UNIT "T" EXTERIOR ELEVATIONS
A–311 EXISTING EXTERIOR ELEVATIONS
A–312 EXISTING EXTERIOR ELEVATIONS
A–313 EXISTING EXTERIOR ELEVATIONS
A–314 EXISTING EXTERIOR ELEVATIONS

A–410 TYPICAL WALL SECTIONS
A–411 WALL SECTIONS
A–412 WALL SECTIONS
A–413 WALL SECTIONS
A–414 WALL SECTIONS
A–415 WALL SECTIONS
A–416 WALL SECTIONS
A–417 WALL SECTIONS
A–418 WALL SECTIONS
A–419 WALL SECTIONS
A–420 WALL SECTIONS
A–421 WALL SECTIONS

A ARCHITECTURAL (CONTINUED)

A–425 ENLARGED TOILET ROOM PLANS
A–426 ENLARGED LOCKER ROOM PLANS

A–431 ENLARGED STAIR PLANS AND SECTIONS
A–432 ENLARGED STAIR PLANS AND SECTIONS
A–433 ENLARGED STAIR PLANS AND SECTIONS
A–434 ENLARGED RAMP PLANS

A–501 TYPICAL DETAILS
A–511 PLAN DETAILS
A–512 PLAN DETAILS
A–513 PLAN DETAILS

A–601 DOOR AND FRAME SCHEDULE
A–602 DOOR AND FRAME SCHEDULE
A–610 HOLLOW METAL ELEVATIONS AND DETAILS
A–620 CURTAINWALL AND STOREFRONT ELEVATIONS AND DETAILS
A–621 CURTAINWALL AND STOREFRONT DETAILS

A–701 UNIT "A" FIRST FLOOR EQUIPMENT PLAN
A–702 UNIT "B" FIRST FLOOR EQUIPMENT PLAN
A–703 UNIT "C" FIRST FLOOR EQUIPMENT PLAN
A–704 UNIT "D" FIRST FLOOR EQUIPMENT PLAN
A–705 UNIT "E" FIRST FLOOR EQUIPMENT PLAN
A–706 UNIT "F" FIRST FLOOR EQUIPMENT PLAN
A–708 UNIT "H" FIRST FLOOR EQUIPMENT PLAN
A–709 NOT USED
A–710 UNIT "K" FIRST FLOOR EQUIPMENT PLAN
A–711 NOT USED
A–712 NOT USED
A–713 NOT USED
A–714 NOT USED
A–715 NOT USED
A–716 UNIT "S" FIRST FLOOR EQUIPMENT PLAN
A–717 UNIT "T" FIRST FLOOR EQUIPMENT PLAN
A–718 UNIT "A" SECOND FLOOR EQUIPMENT PLAN
A–719 UNIT "B" SECOND FLOOR EQUIPMENT PLAN
A–720 NOT USED
A–721 UNIT "D" SECOND FLOOR EQUIPMENT PLAN
A–722 UNIT "E" SECOND FLOOR EQUIPMENT PLAN
A–723 UNIT "F" SECOND FLOOR EQUIPMENT PLAN

A–730 CASEWORK SCHEDULE AND ELEVATIONS

A–740 SCIENCE CASEWORK SCHEDULE, ELEVATIONS AND DETAILS

A–750 MILLWORK ENLARGED PLANS, ELEVATIONS AND SECTIONS (ISSUE BY ADDENDUM)
A–760 MEDIA CENTER EQUIPMENT PLAN

A–801 UNIT "A" FIRST FLOOR FINISH PLAN
A–802 UNIT "B" FIRST FLOOR FINISH PLAN
A–803 UNIT "C" FIRST FLOOR FINISH PLAN
A–804 UNIT "D" FIRST FLOOR FINISH PLAN
A–805 UNIT "E" FIRST FLOOR FINISH PLAN
A–806 UNIT "F" FIRST FLOOR FINISH PLAN
A–807 UNIT "G" FIRST FLOOR FINISH PLAN
A–808 UNIT "H" FIRST FLOOR FINISH PLAN
A–809 NOT USED
A–810 UNIT "K" FIRST FLOOR FINISH PLAN
A–811 NOT USED
A–812 UNIT "M" FIRST FLOOR FINISH PLAN
A–813 NOT USED
A–814 NOT USED
A–815 NOT USED
A–816 UNIT "S" FIRST FLOOR FINISH PLAN
A–817 UNIT "T" FIRST FLOOR FINISH PLAN
A–818 UNIT "A" SECOND FLOOR FINISH PLAN
A–819 UNIT "B" SECOND FLOOR FINISH PLAN
A–820 NOT USED
A–821 UNIT "D" SECOND FLOOR FINISH PLAN
A–822 NOT USED
A–823 UNIT "F" SECOND FLOOR FINISH PLAN
A–824 UNIT "H" SECOND FLOOR FINISH PLAN
A–825 UNIT "T" SECOND FLOOR FINISH PLAN
A–830 FINISH SCHEDULE – ISSUE BY ADDENDUM
A–835 UNIT B/F/D FLOOR PATTERN PLAN
A–836 UNIT A FLOOR PATTERN PLAN
A–837 UNIT H FLOOR PATTERN PLAN
A–838 UNIT K/T FLOOR PATTERN PLAN
A–839 UNIT A/D SECOND FLOOR PATTERN PLAN
A–840 INTERIOR ELEVATIONS – MEDIA CENTER
A–841 INTERIOR ELEVATIONS – ATHLETIC ADDITION
A–842 INTERIOR ELEVATIONS – CAFE EAST WALL
A–843 CORRIDOR ELEVATION SECOND FLOOR
A–844 INTERIOR ELEVATIONS – CORRIDOR ELEVATION D119
A–845 INTERIOR ELEVATIONS – LGI & SATELLITE KITCHEN

A–901 UNIT "A" FIRST FLOOR CEILING PLAN
A–902 UNIT "B" FIRST FLOOR CEILING PLAN
A–903 UNIT "C" FIRST FLOOR CEILING PLAN
A–904 UNIT "D" FIRST FLOOR CEILING PLAN
A–905 NOT USED
A–906 UNIT "F" FIRST FLOOR CEILING PLAN
A–907 NOT USED
A–908 UNIT "H" FIRST FLOOR CEILING PLAN
A–909 NOT USED
A–910 UNIT "K" FIRST FLOOR CEILING PLAN
A–911 NOT USED
A–912 UNIT "M" FIRST FLOOR CEILING PLAN
A–913 913 THRU A–915 NOT USED
A–916 UNIT "S" FIRST FLOOR CEILING PLAN
A–917 UNIT "T" FIRST FLOOR CEILING PLAN
A–918 UNIT "A" SECOND FLOOR CEILING PLAN
A–919 UNIT "B" SECOND FLOOR CEILING PLAN
A–920 NOT USED
A–921 UNIT "D" SECOND FLOOR CEILING PLAN
A–922 NOT USED
A–923 UNIT "F" SECOND FLOOR CEILING PLAN
A–924 A–924 THRU A–933 NOT USED
A–934 UNIT "T" MEZZANINE CEILING PLAN
A–935 PENTHOUSE CEILING PLANS
A–940 CEILING AND BULKHEAD DETAILS (ISSUE BY ADDENDUM)

VOLUME 2

G GENERAL

G–101v2 COVER SHEET – VOLUME 2
G–102v2 SHEET INDEX – VOLUME 2

K KITCHEN

K–100 FOOD SERVICE EQUIPMENT GENERAL NOTES & SHEET INDEX
K–101 FOOD SERVICE EQUIPMENT PLAN
K–102 FOOD SERVICE EQUIPMENT SPECIAL CONDITIONS PLAN
K–200 FOOD SERVICE EQUIPMENT SPOT SCHEDULE
K–300 FOOD SERVICE EQUIPMENT PLUMBING PLAN
K–301 FOOD SERVICE EQUIPMENT ELECTRICAL PLAN
K–400 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS
K–401 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS
K–402 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS
K–403 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS

M MECHANICAL

M–001 MECHANICAL NOTES, SYMBOLS & ABBREVIATIONS
MD102 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "B"
MD103 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "C"
MD104 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "D"
MD105 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "E"
MD106 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "F"
MD108 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "H"
MD109 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "J"
MD112 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "M"
MD116 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "S"
MD121 MECHANICAL VENTILATION DEMOLITION SECOND FLOOR PLAN – UNIT "D"
MD123 MECHANICAL VENTILATION DEMOLITION SECOND FLOOR PLAN – UNIT "F"
MD202 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "B"
MD203 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "C"
MD204 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "D"
MD205 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "E"
MD206 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "F"
MD207 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "G"
MD208 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "H"
MD209 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "J"
MD210 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "K"
MD221 MECHANICAL PIPING DEMOLITION SECOND FLOOR PLAN – UNIT "D"
MV101 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "A"
MV102 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "B"
MV103 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "C"
MV104 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "D"
MV105 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "E"
MV106 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "F"
MV108 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "H"
MV109 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "J"
MV110 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "K"
MV112 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "M"
MV116 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "S"
MV117 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "T"
MV118 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "A"
MV119 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "B"
MV121 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "D"
MV123 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "F"
MV134 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "T"
MP101 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "A"
MP102 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "B"
MP104 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "D"
MP106 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "F"
MP108 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "H"
MP109 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "J"
MP110 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "K"
MP112 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "M"
MP114 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "P"
MP116 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "S"
MP117 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "T"
MP118 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "A"
MP119 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "B"
MP121 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "D"
MP123 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "F"
MP134 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "T"
M–127 MECHANICAL HVAC ROOF PLAN – UNIT "J"
M–135 MECHANICAL HVAC PENTHOUSE PLAN – UNIT "A"
M–136 MECHANICAL HVAC ROOF PLAN – UNIT "A"
M–137 MECHANICAL HVAC ROOF PLAN – UNITS "D", "F"
M–139 MECHANICAL HVAC ROOF PLAN – UNIT "T"
M–301 MECHANICAL HVAC SECTIONS
M–401 MECHANICAL HVAC ENLARGED MEZZANINE PLAN – UNIT "T"
M–402 MECHANICAL HVAC ENLARGED BOILER ROOM PLAN – UNIT "J"
M–403 MECHANICAL VENTILATION ENLARGED FIRST FLOOR PLAN – UNIT "F"
M–404 MECHANICAL VENTILATION ENLARGED FIRST FLOOR PLAN – UNIT "F"
M–501 MECHANICAL SCHEDULES
M–502 MECHANICAL SCHEDULES
M–503 MECHANICAL SCHEDULES
M–601 MECHANICAL DETAILS & DIAGRAMS
M–602 MECHANICAL DETAILS & DIAGRAMS

P PLUMBING

P–001 PLUMBING NOTES, SYMBOLS & ABBREVIATIONS
PD202 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "B"
PD203 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "C"
PD204 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "D"
PD206 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "F"
PD208 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "H"
PD209 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "J"
PD221 PLUMBING DEMOLITION SECOND FLOOR PLAN – UNIT "D"
P–101 PLUMBING UNDERGROUND PLAN – UNIT "A"
P–102 PLUMBING UNDERGROUND PLAN – UNIT "B"
P–103 PLUMBING UNDERGROUND PLAN – UNIT "C"
P–104 PLUMBING UNDERGROUND PLAN – UNIT "D"
P–106 PLUMBING UNDERGROUND PLAN – UNIT "F"
P–107 PLUMBING UNDERGROUND PLAN – UNIT "G"
P–108 PLUMBING UNDERGROUND PLAN – UNIT "H"
P–109 PLUMBING UNDERGROUND PLAN – UNIT "J"
P–110 PLUMBING UNDERGROUND PLAN – UNIT "K"
P–112 PLUMBING UNDERGROUND PLAN – UNIT "M"
P–116 PLUMBING UNDERGROUND PLAN – UNIT "S"
P–117 PLUMBING UNDERGROUND PLAN – UNIT "T"
P–201 PLUMBING FIRST FLOOR PLAN – UNIT "A"
P–202 PLUMBING FIRST FLOOR PLAN – UNIT "B"
P–203 PLUMBING FIRST FLOOR PLAN – UNIT "C"
P–204 PLUMBING FIRST FLOOR PLAN – UNIT "D"
P–206 PLUMBING FIRST FLOOR PLAN – UNIT "F"
P–209 PLUMBING FIRST FLOOR PLAN – UNIT "J"
P–210 PLUMBING FIRST FLOOR PLAN – UNIT "K"
P–212 PLUMBING FIRST FLOOR PLAN – UNIT "M"
P–216 PLUMBING FIRST FLOOR PLAN – UNIT "S"
P–217 PLUMBING FIRST FLOOR PLAN – UNIT "T"
P–218 PLUMBING SECOND FLOOR PLAN – UNIT "A"
P–219 PLUMBING SECOND FLOOR PLAN – UNIT "B"
P–221 PLUMBING SECOND FLOOR PLAN – UNIT "D"
P–223 PLUMBING SECOND FLOOR PLAN – UNIT "F"
P–234 PLUMBING SECOND FLOOR PLAN – UNIT "T"
P–236 PLUMBING ROOF PLAN – UNIT "A"
P–237 PLUMBING ROOF PLAN – UNIT "F"
P–238 PLUMBING ROOF PLAN – UNIT "K"
P–239 PLUMBING ROOF PLAN – UNIT "T"
P–501 PLUMBING SCHEDULES
P–601 PLUMBING DETAILS & DIAGRAMS
P–602 PLUMBING DETAILS & DIAGRAMS
P–603 PLUMBING DETAILS & DIAGRAMS

FP FIRE PROTECTION

FP001 FIRE PROTECTION SCHEDULES, NOTES & DIAGRAMS
FP101 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "A"
FP102 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "B"
FP103 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "C"
FP104 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "D"
FP105 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "E"
FP106 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "F"
FP107 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "G"
FP108 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "H"
FP109 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "J"
FP110 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "K"
FP112 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "M"
FP114 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "P"
FP115 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "R"
FP116 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "S"
FP117 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "T"
FP118 FIRE PROTECTION SECOND FLOOR PLAN & PENTHOUSE PLAN– UNIT "A"
FP119 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "B"
FP121 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "D"
FP123 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "F"
FP134 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "T"

VOLUME 3

G GENERAL

G–101v3 COVER SHEET – VOLUME 3
G–102v3 SHEET INDEX – VOLUME 3

E ELECTRICAL

E–001 ELECTRICAL SYMBOLS
E–002 ELECTRICAL SITE PLAN
E–003 ELECTRICAL SITE PLAN
ED101 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "A"
ED102 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "B"
ED103 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "C"
ED104 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "D"
ED105 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "E"
ED106 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "F"
ED107 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "G"
ED108 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "H"
ED109 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "J"
ED110 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "K"
ED112 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "M"
ED114 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "P"
ED115 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "R"
ED116 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "S"
ED117 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "T"
ED121 ELECTRICAL DEMOLITION SECOND FLOOR PLAN – UNIT "D"
EL101 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "A"
EL102 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "B"
EL103 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "C"
EL104 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "D"
EL105 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "E"
EL106 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "F"
EL107 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "G"
EL108 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "H"
EL109 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "J"
EL110 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "K"
EL112 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "M"
EL114 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "P"
EL116 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "S"
EL117 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "T"
EL118 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "A"
EL119 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "B"
EL121 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "D"
EL123 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "F"
EL134 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "T"
EP101 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "A"
EP102 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "B"
EP103 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "C"
EP104 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "D"
EP105 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "E"
EP106 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "F"
EP108 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "H"
EP109 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "J"
EP110 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "K"
EP112 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "M"
EP116 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "S"
EP117 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "T"
EP118 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "A"
EP119 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "B"
EP121 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "D"
EP123 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "F"
EP134 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "T"
EP136 ELECTRICAL POWER ROOF PLAN – UNIT "A"
EP137 ELECTRICAL POWER ROOF PLAN – UNITS "D, F"
EP139 ELECTRICAL POWER ROOF PLAN – UNIT "T"
E–401 ELECTRICAL POWER ENLARGED FIRST FLOOR PLAN UNIT "M"
E–501 ELECTRICAL ONE–LINE DIAGRAM
E–502 ELECTRICAL ONE–LINE DIAGRAM
E–503 ELECTRICAL SCHEDULES, NOTES, DIAGRAMS & DETAILS
E–504 ELECTRICAL SCHEDULES, DETAILS & DIAGRAMS
E–505 ELECTRICAL DIAGRAMS & DETAILS
E–506 ELECTRICAL GENERAL NOTES, DIAGRAMS, AND ABBREVIATIONS
E–507 ELECTRICAL DETAILS
E–601 ELECTRICAL SCHEDULES
E–602 ELECTRICAL SCHEDULES
E–603 ELECTRICAL SCHEDULES
E–604 ELECTRICAL SCHEDULES
E–605 ELECTRICAL SCHEDULES

T TELECOMMUNICATIONS

T–001 TELECOMMUNICATIONS LEGEND
TS–100 TELECOMMUNICATIONS SITE PLAN
TS–501 TELECOMMUNICATION SITE PLAN DETAILS
TD–100 TELECOMMUNICATIONS OVERALL FIRST FLOOR DEMO PLAN
TD–101 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT A
TD–102 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT B
TD–103 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT C
TD–104 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT D
TD–105 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT E
TD–106 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT F
TD–107 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT G
TD–108 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT H
TD–109 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT J
TD–110 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT K
TD–111 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT L
TD–112 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT M
TD–113 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT N
TD–114 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT P
TD–115 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT R
TD–116 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT S
TD–117 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT T
TD–200 TELECOMMUNICATIONS OVERALL SECOND FLOOR DEMO PLAN
TD–201 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT B
TD–202 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT C
TD–203 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT D
TD–204 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT E
TD–205 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT F
TD–206 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT G
TD–207 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT H
TD–208 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT K
TD–209 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT L
TD–210 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT M
TD–211 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT N
TD–212 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT P
TD–213 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT R
TD–214 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT S
T–100 TELECOMMUNICATIONS OVERALL FIRST FLOOR PLAN
T–101 TELECOMMUNICATIONS FIRST FLOOR UNIT A
T–102 TELECOMMUNICATIONS FIRST FLOOR UNIT B
T–103 TELECOMMUNICATIONS FIRST FLOOR UNIT C
T–104 TELECOMMUNICATIONS FIRST FLOOR UNIT D
T–105 TELECOMMUNICATIONS FIRST FLOOR UNIT E
T–106 TELECOMMUNICATIONS FIRST FLOOR UNIT F
T–107 TELECOMMUNICATIONS FIRST FLOOR UNIT G
T–108 TELECOMMUNICATIONS FIRST FLOOR UNIT H
T–109 TELECOMMUNICATIONS FIRST FLOOR UNIT J
T–110 TELECOMMUNICATIONS FIRST FLOOR UNIT K
T–111 TELECOMMUNICATIONS FIRST FLOOR UNIT L
T–112 TELECOMMUNICATIONS FIRST FLOOR UNIT M
T–113 TELECOMMUNICATIONS FIRST FLOOR UNIT N
T–114 TELECOMMUNICATIONS FIRST FLOOR UNIT P
T–115 TELECOMMUNICATIONS FIRST FLOOR UNIT R
T–116 TELECOMMUNICATIONS FIRST FLOOR UNIT S
T–117 TELECOMMUNICATIONS FIRST FLOOR UNIT T
T–200 TELECOMMUNICATIONS OVERALL SECOND FLOOR PLAN
T–201 TELECOMMUNICATIONS SECOND FLOOR UNIT A
T–202 TELECOMMUNICATIONS SECOND FLOOR UNIT B
T–203 TELECOMMUNICATIONS SECOND FLOOR UNIT C
T–204 TELECOMMUNICATIONS SECOND FLOOR UNIT D
T–205 TELECOMMUNICATIONS SECOND FLOOR UNIT E
T–206 TELECOMMUNICATIONS SECOND FLOOR UNIT F
T–207 TELECOMMUNICATIONS SECOND FLOOR UNIT G
T–208 TELECOMMUNICATIONS SECOND FLOOR UNIT H
T–209 TELECOMMUNICATIONS SECOND FLOOR UNIT J
T–210 TELECOMMUNICATIONS SECOND FLOOR UNIT K
T–211 TELECOMMUNICATIONS SECOND FLOOR UNIT L
T–212 TELECOMMUNICATIONS SECOND FLOOR UNIT M
T–213 TELECOMMUNICATIONS SECOND FLOOR UNIT N
T–214 TELECOMMUNICATIONS SECOND FLOOR UNIT P
T–215 TELECOMMUNICATIONS SECOND FLOOR UNIT R
T–216 TELECOMMUNICATIONS SECOND FLOOR UNIT S
T–217 TELECOMMUNICATIONS SECOND FLOOR UNIT T
T–401 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T–402 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T–403 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T–404 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T–405 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T–406 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T–407 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T–408 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T–501 TELECOMMUNICATIONS FACEPLATE DETAILS
T–502 TELECOMMUNICATIONS FACEPLATE DETAILS
T–503 TELECOMMUNICATIONS ROOM DETAILS
T–511 TELECOMMUNICATIONS DETAILS
T–601 GROUNDING AND BACKBONE DIAGRAMS
T–701 TELECOMMUNICATIONS PATHWAY AND ROUGH IN DETAILS
T–702 TELECOMMUNICATIONS PATHWAY AND ROUGH IN DETAILS
T–741 AUDIO VISUAL PATHWAY AND ROUGH–IN DETAILS
T–771 SECURITY SYSTEMS PATHWAY AND ROUGH IN DETAILS
AD–1

ARCHITECT OF RECORD — JOSEPH P. BRIGGS, REGISTERED, NO. 11600109, STATE OF INDIANA, ARCHITECT

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

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

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

ENGINEER OF RECORD — REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER, Bicsi, Brian K Scott, BICSI ID # 114038, Expires 12-31-21, RCDD

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

PROJECT 21–111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY
CHECKED BY EJM

REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10/22/21	ADDENDUM NO. 1

DRAWING
SHEET INDEX VOLUME 1

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
G-102v1

VOLUME 1

G GENERAL

G-101v1 COVER SHEET – VOLUME 1
G-101v1 SHEET INDEX – VOLUME 1

G-201 FIRST FLOOR LIFE SAFETY PLAN
G-202 SECOND FLOOR LIFE SAFETY PLAN

G-301 TYPICAL ACCESSIBLE MOUNTING HEIGHTS, ABBREVIATIONS, SYMBOLOGY, AND LEGEND
G-302 TYPICAL NOTES

C CIVIL

C-1.0 EXISTING TOPOGRAPHY AND EXISTING UTILITIES
C-1.1 EXISTING IRRIGATION LINE LOCATION
C-1.2 DEMOLITION PLAN

C-2.0 MASTER SITE PLAN
C-2.1 SITE PLAN
C-2.2 SITE PLAN

C-3.0 MASTER UTILITIES PLAN
C-3.1 GRADING, STORM SEWERS, SANITARY SEWERS & WATER MAIN PLAN
C-3.2 GRADING, STORM SEWERS, SANITARY SEWERS & WATER MAIN PLAN

C-4.0 DETAILS AND SPECIFICATIONS
C-4.1 DETAILS AND SPECIFICATIONS

C-5.0 MASTER STORM WATER POLLUTION RETENTION PLAN – CONSTRUCTION
C-5.1 STORM WATER POLLUTION PREVENTION PLAN – CONSTRUCTION
C-5.2 STORM WATER POLLUTION PREVENTION PLAN – CONSTRUCTION
C-5.3 STORM WATER POLLUTION PREVENTION PLAN – POST CONSTRUCTION

C-6.0 STORM WATER POLLUTION PREVENTION PLAN DETAILS
C-6.1 STORM WATER POLLUTION PREVENTION PLAN DETAILS

S STRUCTURAL

S-101 UNIT 'A' FOUNDATION PLAN
S-102 UNIT "F", FOUNDATION PLAN
S-103 UNIT "K", FOUNDATION PLAN
S-104 UNIT "T", FOUNDATION PLAN
S-201 UNIT "A", SECOND FLOOR FRAMING PLAN
S-202 UNIT "F", SECOND FLOOR/LOW ROOF FRAMING PLAN
S-203 UNIT "T", SECOND FLOOR FRAMING PLAN
S-204 UNIT "A", ROOF FRAMING PLAN
S-205 UNIT "F", ROOF FRAMING PLAN
S-206 UNIT "K", ROOF FRAMING PLAN
S-207 UNIT "T", ROOF FRAMING PLAN
S-208 UNIT "A", MEZZANINE ROOF FRAMING PLAN
S-401 UNIT FOUNDATION DETAILS
S-402 TYPICAL FOUNDATION DETAILS
S-403 FRAMING/ STRUCTURAL DETAILS
S-404 FRAMING/ STRUCTURAL DETAILS
S-405 FRAMING/ STRUCTURAL DETAILS
S-406 FRAMING/ STRUCTURAL DETAILS
S-421 TYPICAL MASONRY NOTES
S-501 STRUCTURAL NOTES
S-502 STRUCTURAL NOTES

A ARCHITECTURAL

AD-101 NOT USED
AD-102 UNIT "B" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-103 UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-104 UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-105 NOT USED
AD-106 UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-107 UNIT NOT USED
AD-108 UNIT "H" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-109 NOT USED
AD-110 UNIT "K" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-111 NOT USED
AD-112 UNIT "M" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-113 NOT USED
AD-114 UNIT "P" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-115 UNIT "R" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-116 UNIT "S" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-117 UNIT "T" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN AD-1
AD-118 NOT USED
AD-119 UNIT "B" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN
AD-120 NOT USED
AD-121 UNIT "D" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN
AD-122 NOT USED
AD-123 UNIT "F" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

A-101 UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN
A-102 UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN
A-103 UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN
A-104 UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN
A-105 NOT USED
A-106 UNIT "F" ARCHITECTURAL FIRST FLOOR PLAN
A-107 NOT USED
A-108 UNIT "H" ARCHITECTURAL FIRST FLOOR PLAN
A-109 NOT USED
A-110 UNIT "K" ARCHITECTURAL FIRST FLOOR PLAN
A-111 NOT USED
A-112 UNIT "M" ARCHITECTURAL FIRST FLOOR PLAN
A-113 NOT USED
A-114 UNIT "P" ARCHITECTURAL FIRST FLOOR PLAN
A-115 UNIT "R" ARCHITECTURAL FIRST FLOOR PLAN
A-116 UNIT "S" ARCHITECTURAL FIRST FLOOR PLAN
A-117 UNIT "T" ARCHITECTURAL FIRST FLOOR PLAN
A-118 UNIT "A" ARCHITECTURAL SECOND FLOOR PLAN
A-119 UNIT "B" ARCHITECTURAL SECOND FLOOR PLAN
A-120 NOT USED
A-121 UNIT "D" ARCHITECTURAL SECOND FLOOR PLAN
A-122 NOT USED
A-123 UNIT "F" ARCHITECTURAL SECOND FLOOR PLAN
A-124 A-124 THRU A-133 NOT USED
A-134 UNIT "T" ARCHITECTURAL SECOND FLOOR PLAN
A-135 UNIT "A" PENTHOUSE UNIT "D" CLERESTORY PLANS

A-201 OVERALL ARCHITECTURAL ROOF PLAN
A-202 PARTIAL UNIT "A" AND "F" ENLARGED ROOF PLANS
A-203 PARTIAL UNIT "K" AND "T" ENLARGED ROOF PLANS
A-210 ROOF DETAILS
A-211 ROOF DETAILS
A-212 ROOF DETAILS

A-301 UNIT "A" EXTERIOR ELEVATIONS
A-302 UNIT "F" and "K" EXTERIOR ELEVATIONS
A-303 UNIT "T" EXTERIOR ELEVATIONS
A-311 EXISTING EXTERIOR ELEVATIONS
A-312 EXISTING EXTERIOR ELEVATIONS
A-313 EXISTING EXTERIOR ELEVATIONS
A-314 EXISTING EXTERIOR ELEVATIONS

A-410 TYPICAL WALL SECTIONS
A-411 WALL SECTIONS
A-412 WALL SECTIONS
A-413 WALL SECTIONS
A-414 WALL SECTIONS
A-415 WALL SECTIONS
A-416 WALL SECTIONS
A-417 WALL SECTIONS
A-418 WALL SECTIONS
A-419 WALL SECTIONS
A-420 WALL SECTIONS
A-421 WALL SECTIONS

A ARCHITECTURAL (CONTINUED)

A-425 ENLARGED TOILET ROOM PLANS
A-426 ENLARGED LOCKER ROOM PLANS

A-431 ENLARGED STAIR PLANS AND SECTIONS
A-432 ENLARGED STAIR PLANS AND SECTIONS
A-433 ENLARGED STAIR PLANS AND SECTIONS
A-434 ENLARGED RAMP PLANS

A-501 TYPICAL DETAILS
A-511 PLAN DETAILS
A-512 PLAN DETAILS
A-513 PLAN DETAILS

A-601 DOOR AND FRAME SCHEDULE
A-602 DOOR AND FRAME SCHEDULE
A-610 HOLLOW METAL ELEVATIONS AND DETAILS
A-620 CURTAINWALL AND STOREFRONT ELEVATIONS AND DETAILS
A-621 CURTAINWALL AND STOREFRONT DETAILS

A-701 UNIT "A" FIRST FLOOR EQUIPMENT PLAN
A-702 UNIT "B" FIRST FLOOR EQUIPMENT PLAN
A-703 UNIT "C" FIRST FLOOR EQUIPMENT PLAN
A-704 UNIT "D" FIRST FLOOR EQUIPMENT PLAN
A-705 UNIT "E" FIRST FLOOR EQUIPMENT PLAN
A-706 UNIT "F" FIRST FLOOR EQUIPMENT PLAN
A-708 UNIT "H" FIRST FLOOR EQUIPMENT PLAN
A-709 NOT USED
A-710 UNIT "K" FIRST FLOOR EQUIPMENT PLAN
A-711 NOT USED
A-712 NOT USED
A-713 NOT USED
A-714 NOT USED
A-715 NOT USED
A-716 UNIT "S" FIRST FLOOR EQUIPMENT PLAN
A-717 UNIT "T" FIRST FLOOR EQUIPMENT PLAN
A-718 UNIT "A" SECOND FLOOR EQUIPMENT PLAN
A-719 UNIT "B" SECOND FLOOR EQUIPMENT PLAN
A-720 NOT USED
A-721 UNIT "D" SECOND FLOOR EQUIPMENT PLAN
A-722 UNIT "E" SECOND FLOOR EQUIPMENT PLAN
A-723 UNIT "F" SECOND FLOOR EQUIPMENT PLAN

A-730 CASEWORK SCHEDULE AND ELEVATIONS

A-740 SCIENCE CASEWORK SCHEDULE, ELEVATIONS AND DETAILS

A-750 MILLWORK ENLARGED PLANS, ELEVATIONS AND SECTIONS (ISSUE BY ADDENDUM)
A-760 MEDIA CENTER EQUIPMENT PLAN

A-801 UNIT "A" FIRST FLOOR FINISH PLAN
A-802 UNIT "B" FIRST FLOOR FINISH PLAN
A-803 UNIT "C" FIRST FLOOR FINISH PLAN
A-804 UNIT "D" FIRST FLOOR FINISH PLAN
A-805 UNIT "E" FIRST FLOOR FINISH PLAN
A-806 UNIT "F" FIRST FLOOR FINISH PLAN
A-807 UNIT "G" FIRST FLOOR FINISH PLAN
A-808 UNIT "H" FIRST FLOOR FINISH PLAN
A-809 NOT USED
A-810 UNIT "K" FIRST FLOOR FINISH PLAN
A-811 NOT USED
A-812 UNIT "M" FIRST FLOOR FINISH PLAN
A-813 NOT USED
A-814 NOT USED
A-815 NOT USED
A-816 UNIT "S" FIRST FLOOR FINISH PLAN
A-817 UNIT "T" FIRST FLOOR FINISH PLAN
A-818 UNIT "A" SECOND FLOOR FINISH PLAN
A-819 UNIT "B" SECOND FLOOR FINISH PLAN
A-820 NOT USED
A-821 UNIT "D" SECOND FLOOR FINISH PLAN
A-822 NOT USED
A-823 UNIT "F" SECOND FLOOR FINISH PLAN
A-824 UNIT "H" SECOND FLOOR FINISH PLAN
A-825 UNIT "T" SECOND FLOOR FINISH PLAN
A-830 FINISH SCHEDULE – ISSUE BY ADDENDUM
A-835 UNIT B/F/D FLOOR PATTERN PLAN
A-836 UNIT A FLOOR PATTERN PLAN
A-837 UNIT H FLOOR PATTERN PLAN
A-838 UNIT K/T FLOOR PATTERN PLAN
A-839 UNIT A/D SECOND FLOOR PATTERN PLAN
A-840 INTERIOR ELEVATIONS – MEDIA CENTER
A-841 INTERIOR ELEVATIONS – ATHLETIC ADDITION
A-842 INTERIOR ELEVATIONS – CAFE EAST WALL
A-843 CORRIDOR ELEVATION SECOND FLOOR
A-844 INTERIOR ELEVATIONS – CORRIDOR ELEVATION D119
A-845 INTERIOR ELEVATIONS – LGI & SATELLITE KITCHEN

A-901 UNIT "A" FIRST FLOOR CEILING PLAN
A-902 UNIT "B" FIRST FLOOR CEILING PLAN
A-903 UNIT "C" FIRST FLOOR CEILING PLAN
A-904 UNIT "D" FIRST FLOOR CEILING PLAN
A-905 NOT USED
A-906 UNIT "F" FIRST FLOOR CEILING PLAN
A-907 NOT USED
A-908 UNIT "H" FIRST FLOOR CEILING PLAN
A-909 NOT USED
A-910 UNIT "K" FIRST FLOOR CEILING PLAN
A-911 NOT USED
A-912 UNIT "M" FIRST FLOOR CEILING PLAN
A-913 913 THRU A-915 NOT USED
A-916 UNIT "S" FIRST FLOOR CEILING PLAN
A-917 UNIT "T" FIRST FLOOR CEILING PLAN
A-918 UNIT "A" SECOND FLOOR CEILING PLAN
A-919 UNIT "B" SECOND FLOOR CEILING PLAN
A-920 NOT USED
A-921 UNIT "D" SECOND FLOOR CEILING PLAN
A-922 NOT USED
A-923 UNIT "F" SECOND FLOOR CEILING PLAN
A-924 A-924 THRU A-933 NOT USED
A-934 UNIT "T" MEZZANINE CEILING PLAN
A-935 PENTHOUSE CEILING PLANS
A-940 CEILING AND BULKHEAD DETAILS (ISSUE BY ADDENDUM)

VOLUME 2

G GENERAL

G-101v2 COVER SHEET – VOLUME 2
G-102v2 SHEET INDEX – VOLUME 2

K KITCHEN

K-100 FOOD SERVICE EQUIPMENT GENERAL NOTES & SHEET INDEX
K-101 FOOD SERVICE EQUIPMENT PLAN
K-102 FOOD SERVICE EQUIPMENT SPECIAL CONDITIONS PLAN
K-200 FOOD SERVICE EQUIPMENT SPOT SCHEDULE
K-300 FOOD SERVICE EQUIPMENT PLUMBING PLAN
K-301 FOOD SERVICE EQUIPMENT ELECTRICAL PLAN
K-400 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS
K-401 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS
K-402 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS
K-403 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS

M MECHANICAL

M-001 MECHANICAL NOTES, SYMBOLS & ABBREVIATIONS
MD102 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "B"
MD103 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "C"
MD104 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "D"
MD105 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "E"
MD106 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "F"
MD108 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "H"
MD109 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "J"
MD112 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "M"
MD116 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "S"
MD121 MECHANICAL VENTILATION DEMOLITION SECOND FLOOR PLAN – UNIT "D"
MD123 MECHANICAL VENTILATION DEMOLITION SECOND FLOOR PLAN – UNIT "F"
MD202 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "B"
MD203 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "C"
MD204 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "D"
MD205 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "E"
MD206 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "F"
MD207 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "G"
MD208 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "H"
MD209 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "J"
MD210 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "K"
MD221 MECHANICAL PIPING DEMOLITION SECOND FLOOR PLAN – UNIT "D"
MV101 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "A"
MV102 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "B"
MV103 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "C"
MV104 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "D"
MV105 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "E"
MV106 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "F"
MV108 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "H"
MV109 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "J"
MV110 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "K"
MV112 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "M"
MV116 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "S"
MV117 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "T"
MV118 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "A"
MV119 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "B"
MV121 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "D"
MV123 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "F"
MV134 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "T"
MP101 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "A"
MP102 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "B"
MP104 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "D"
MP106 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "F"
MP108 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "H"
MP109 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "J"
MP110 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "K"
MP112 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "M"
MP114 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "P"
MP116 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "S"
MP117 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "T"
MP118 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "A"
MP119 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "B"
MP121 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "D"
MP123 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "F"
MP134 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "T"
M-127 MECHANICAL HVAC ROOF PLAN – UNIT "J"
M-135 MECHANICAL HVAC PENTHOUSE PLAN – UNIT "A"
M-136 MECHANICAL HVAC ROOF PLAN – UNIT "A"
M-137 MECHANICAL HVAC ROOF PLAN – UNITS "D", "F"
M-139 MECHANICAL HVAC ROOF PLAN – UNIT "T"
M-301 MECHANICAL HVAC SECTIONS
M-401 MECHANICAL HVAC ENLARGED MEZZANINE PLAN – UNIT "T"
M-402 MECHANICAL HVAC ENLARGED BOILER ROOM PLAN – UNIT "J"
M-403 MECHANICAL VENTILATION ENLARGED FIRST FLOOR PLAN – UNIT "F"
M-404 MECHANICAL VENTILATION ENLARGED FIRST FLOOR PLAN – UNIT "F"
M-501 MECHANICAL SCHEDULES
M-502 MECHANICAL SCHEDULES
M-503 MECHANICAL SCHEDULES
M-601 MECHANICAL DETAILS & DIAGRAMS
M-602 MECHANICAL DETAILS & DIAGRAMS

P PLUMBING

P-001 PLUMBING NOTES, SYMBOLS & ABBREVIATIONS
PD202 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "B"
PD203 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "C"
PD204 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "D"
PD206 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "F"
PD208 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "H"
PD209 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "J"
PD221 PLUMBING DEMOLITION SECOND FLOOR PLAN – UNIT "D"
P-101 PLUMBING UNDERGROUND PLAN – UNIT "A"
P-102 PLUMBING UNDERGROUND PLAN – UNIT "B"
P-103 PLUMBING UNDERGROUND PLAN – UNIT "C"
P-104 PLUMBING UNDERGROUND PLAN – UNIT "D"
P-106 PLUMBING UNDERGROUND PLAN – UNIT "F"
P-107 PLUMBING UNDERGROUND PLAN – UNIT "G"
P-108 PLUMBING UNDERGROUND PLAN – UNIT "H"
P-109 PLUMBING UNDERGROUND PLAN – UNIT "J"
P-110 PLUMBING UNDERGROUND PLAN – UNIT "K"
P-112 PLUMBING UNDERGROUND PLAN – UNIT "M"
P-116 PLUMBING UNDERGROUND PLAN – UNIT "S"
P-117 PLUMBING UNDERGROUND PLAN – UNIT "T"
P-201 PLUMBING FIRST FLOOR PLAN – UNIT "A"
P-202 PLUMBING FIRST FLOOR PLAN – UNIT "B"
P-203 PLUMBING FIRST FLOOR PLAN – UNIT "C"
P-204 PLUMBING FIRST FLOOR PLAN – UNIT "D"
P-206 PLUMBING FIRST FLOOR PLAN – UNIT "F"
P-209 PLUMBING FIRST FLOOR PLAN – UNIT "J"
P-210 PLUMBING FIRST FLOOR PLAN – UNIT "K"
P-212 PLUMBING FIRST FLOOR PLAN – UNIT "M"
P-216 PLUMBING FIRST FLOOR PLAN – UNIT "S"
P-217 PLUMBING FIRST FLOOR PLAN – UNIT "T"
P-218 PLUMBING SECOND FLOOR PLAN – UNIT "A"
P-219 PLUMBING SECOND FLOOR PLAN – UNIT "B"
P-221 PLUMBING SECOND FLOOR PLAN – UNIT "D"
P-223 PLUMBING SECOND FLOOR PLAN – UNIT "F"
P-234 PLUMBING SECOND FLOOR PLAN – UNIT "T"
P-236 PLUMBING ROOF PLAN – UNIT "A"
P-237 PLUMBING ROOF PLAN – UNIT "F"
P-238 PLUMBING ROOF PLAN – UNIT "K"
P-239 PLUMBING ROOF PLAN – UNIT "T"
P-501 PLUMBING SCHEDULES
P-601 PLUMBING DETAILS & DIAGRAMS
P-602 PLUMBING DETAILS & DIAGRAMS
P-603 PLUMBING DETAILS & DIAGRAMS

FP FIRE PROTECTION

FP001 FIRE PROTECTION SCHEDULES, NOTES & DIAGRAMS
FP101 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "A"
FP102 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "B"
FP103 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "C"
FP104 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "D"
FP105 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "E"
FP106 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "F"
FP107 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "G"
FP108 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "H"
FP109 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "J"
FP110 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "K"
FP112 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "M"
FP114 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "P"
FP115 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "R"
FP116 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "S"
FP117 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "T"
FP118 FIRE PROTECTION SECOND FLOOR PLAN & PENTHOUSE PLAN– UNIT "A"
FP119 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "B"
FP121 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "D"
FP123 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "F"
FP134 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "T"

VOLUME 3

G GENERAL

G-101v3 COVER SHEET – VOLUME 3
G-102v3 SHEET INDEX – VOLUME 3

E ELECTRICAL

E-001 ELECTRICAL SYMBOLS
E-002 ELECTRICAL SITE PLAN
E-003 ELECTRICAL SITE PLAN
ED101 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "A"
ED102 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "B"
ED103 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "C"
ED104 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "D"
ED105 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "E"
ED106 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "F"
ED107 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "G"
ED108 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "H"
ED109 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "J"
ED110 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "K"
ED112 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "M"
ED114 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "P"
ED115 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "R"
ED116 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "S"
ED117 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "T"
ED121 ELECTRICAL DEMOLITION SECOND FLOOR PLAN – UNIT "D"
EL101 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "A"
EL102 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "B"
EL103 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "C"
EL104 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "D"
EL105 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "E"
EL106 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "F"
EL107 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "G"
EL108 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "H"
EL109 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "J"
EL110 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "K"
EL112 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "M"
EL114 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "P"
EL116 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "S"
EL117 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "T"
EL118 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "A"
EL119 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "B"
EL121 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "D"
EL123 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "F"
EL134 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "T"
EP101 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "A"
EP102 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "B"
EP103 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "C"
EP104 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "D"
EP105 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "E"
EP106 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "F"
EP108 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "H"
EP109 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "J"
EP110 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "K"
EP112 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "M"
EP116 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "S"
EP117 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "T"
EP118 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "A"
EP119 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "B"
EP121 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "D"
EP123 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "F"
EP134 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "T"
EP136 ELECTRICAL POWER ROOF PLAN – UNIT "A"
EP137 ELECTRICAL POWER ROOF PLAN – UNITS "D, F"
EP139 ELECTRICAL POWER ROOF PLAN – UNIT "T"
E-401 ELECTRICAL POWER ENLARGED FIRST FLOOR PLAN UNIT "M"
E-501 ELECTRICAL ONE-LINE DIAGRAM
E-502 ELECTRICAL ONE-LINE DIAGRAM
E-503 ELECTRICAL SCHEDULES, NOTES, DIAGRAMS & DETAILS
E-504 ELECTRICAL SCHEDULES, DETAILS & DIAGRAMS
E-505 ELECTRICAL DIAGRAMS & DETAILS
E-506 ELECTRICAL GENERAL NOTES, DIAGRAMS, AND ABBREVIATIONS
E-507 ELECTRICAL DETAILS
E-601 ELECTRICAL SCHEDULES
E-602 ELECTRICAL SCHEDULES
E-603 ELECTRICAL SCHEDULES
E-604 ELECTRICAL SCHEDULES
E-605 ELECTRICAL SCHEDULES

T TELECOMMUNICATIONS

T-001 TELECOMMUNICATIONS LEGEND
TS-100 TELECOMMUNICATIONS SITE PLAN
TS-501 TELECOMMUNICATION SITE PLAN DETAILS
TD-100 TELECOMMUNICATIONS OVERALL FIRST FLOOR DEMO PLAN
TD-101 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT A
TD-102 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT B
TD-103 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT C
TD-104 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT D
TD-105 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT E
TD-106 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT F
TD-107 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT G
TD-108 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT H
TD-109 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT J
TD-110 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT K
TD-111 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT L
TD-112 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT M
TD-113 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT N
TD-114 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT P
TD-115 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT R
TD-116 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT S
TD-117 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT T
TD-200 TELECOMMUNICATIONS OVERALL SECOND FLOOR DEMO PLAN
TD-201 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT B
TD-202 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT C
TD-203 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT D
TD-204 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT E
TD-205 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT F
TD-206 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT G
TD-207 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT H
TD-208 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT K
TD-209 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT L
TD-210 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT M
TD-211 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT N
TD-212 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT P
TD-213 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT R
TD-214 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT S
T-100 TELECOMMUNICATIONS OVERALL FIRST FLOOR PLAN
T-101 TELECOMMUNICATIONS FIRST FLOOR UNIT A
T-102 TELECOMMUNICATIONS FIRST FLOOR UNIT B
T-103 TELECOMMUNICATIONS FIRST FLOOR UNIT C
T-104 TELECOMMUNICATIONS FIRST FLOOR UNIT D
T-105 TELECOMMUNICATIONS FIRST FLOOR UNIT E
T-106 TELECOMMUNICATIONS FIRST FLOOR UNIT F
T-107 TELECOMMUNICATIONS FIRST FLOOR UNIT G
T-108 TELECOMMUNICATIONS FIRST FLOOR UNIT H
T-109 TELECOMMUNICATIONS FIRST FLOOR UNIT J
T-110 TELECOMMUNICATIONS FIRST FLOOR UNIT K
T-111 TELECOMMUNICATIONS FIRST FLOOR UNIT L
T-112 TELECOMMUNICATIONS FIRST FLOOR UNIT M
T-113 TELECOMMUNICATIONS FIRST FLOOR UNIT N
T-114 TELECOMMUNICATIONS FIRST FLOOR UNIT P
T-115 TELECOMMUNICATIONS FIRST FLOOR UNIT R
T-116 TELECOMMUNICATIONS FIRST FLOOR UNIT S
T-117 TELECOMMUNICATIONS FIRST FLOOR UNIT T
T-200 TELECOMMUNICATIONS OVERALL SECOND FLOOR PLAN
T-201 TELECOMMUNICATIONS SECOND FLOOR UNIT A
T-202 TELECOMMUNICATIONS SECOND FLOOR UNIT B
T-203 TELECOMMUNICATIONS SECOND FLOOR UNIT C
T-204 TELECOMMUNICATIONS SECOND FLOOR UNIT D
T-205 TELECOMMUNICATIONS SECOND FLOOR UNIT E
T-206 TELECOMMUNICATIONS SECOND FLOOR UNIT F
T-207 TELECOMMUNICATIONS SECOND FLOOR UNIT G
T-208 TELECOMMUNICATIONS SECOND FLOOR UNIT H
T-209 TELECOMMUNICATIONS SECOND FLOOR UNIT J
T-210 TELECOMMUNICATIONS SECOND FLOOR UNIT K
T-211 TELECOMMUNICATIONS SECOND FLOOR UNIT L
T-212 TELECOMMUNICATIONS SECOND FLOOR UNIT M
T-213 TELECOMMUNICATIONS SECOND FLOOR UNIT N
T-214 TELECOMMUNICATIONS SECOND FLOOR UNIT P
T-215 TELECOMMUNICATIONS SECOND FLOOR UNIT R
T-216 TELECOMMUNICATIONS SECOND FLOOR UNIT S
T-217 TELECOMMUNICATIONS SECOND FLOOR UNIT T
T-401 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-402 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-403 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-404 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-405 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-406 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-407 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-408 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-501 TELECOMMUNICATIONS FACEPLATE DETAILS
T-502 TELECOMMUNICATIONS FACEPLATE DETAILS
T-503 TELECOMMUNICATIONS ROOM DETAILS
T-511 TELECOMMUNICATIONS DETAILS
T-601 GROUNDING AND BACKBONE DIAGRAMS
T-701 TELECOMMUNICATIONS PATHWAY AND ROUGH IN DETAILS
T-702 TELECOMMUNICATIONS PATHWAY AND ROUGH IN DETAILS
T-741 AUDIO VISUAL PATHWAY AND ROUGH-IN DETAILS
T-771 SECURITY SYSTEMS PATHWAY AND ROUGH IN DETAILS

AD-1

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
SHEET INDEX VOLUME 2

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
G-102v2

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

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

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

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

ENGINEER OF RECORD — REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER Bicsi Brian K Scott BICSI ID # 114038 EXPIRES 12-31-21 RCDD

VOLUME 1

G GENERAL

G-101v1 COVER SHEET – VOLUME 1
G-101v1 SHEET INDEX – VOLUME 1

G-201 FIRST FLOOR LIFE SAFETY PLAN
G-202 SECOND FLOOR LIFE SAFETY PLAN

G-301 TYPICAL ACCESSIBLE MOUNTING HEIGHTS, ABBREVIATIONS, SYMBOLOGY, AND LEGEND
G-302 TYPICAL NOTES

C CIVIL

C-1.0 EXISTING TOPOGRAPHY AND EXISTING UTILITIES
C-1.1 EXISTING IRRIGATION LINE LOCATION
C-1.2 DEMOLITION PLAN

C-2.0 MASTER SITE PLAN
C-2.1 SITE PLAN
C-2.2 SITE PLAN

C-3.0 MASTER UTILITIES PLAN
C-3.1 GRADING, STORM SEWERS, SANITARY SEWERS & WATER MAIN PLAN
C-3.2 GRADING, STORM SEWERS, SANITARY SEWERS & WATER MAIN PLAN

C-4.0 DETAILS AND SPECIFICATIONS
C-4.1 DETAILS AND SPECIFICATIONS

C-5.0 MASTER STORM WATER POLLUTION RETENTION PLAN – CONSTRUCTION
C-5.1 STORM WATER POLLUTION PREVENTION PLAN – CONSTRUCTION
C-5.2 STORM WATER POLLUTION PREVENTION PLAN – CONSTRUCTION
C-5.3 STORM WATER POLLUTION PREVENTION PLAN – POST CONSTRUCTION

C-6.0 STORM WATER POLLUTION PREVENTION PLAN DETAILS
C-6.1 STORM WATER POLLUTION PREVENTION PLAN DETAILS

S STRUCTURAL

S-101 UNIT 'A' FOUNDATION PLAN
S-102 UNIT "F", FOUNDATION PLAN
S-103 UNIT "K", FOUNDATION PLAN
S-104 UNIT "T", FOUNDATION PLAN
S-201 UNIT "A", SECOND FLOOR FRAMING PLAN
S-202 UNIT "F", SECOND FLOOR/LOW ROOF FRAMING PLAN
S-203 UNIT "T", SECOND FLOOR FRAMING PLAN
S-204 UNIT "A", ROOF FRAMING PLAN
S-205 UNIT "F", ROOF FRAMING PLAN
S-206 UNIT "K", ROOF FRAMING PLAN
S-207 UNIT "T", ROOF FRAMING PLAN
S-208 UNIT "A", MEZZANINE ROOF FRAMING PLAN
S-401 UNIT FOUNDATION DETAILS
S-402 TYPICAL FOUNDATION DETAILS
S-403 FRAMING/ STRUCTURAL DETAILS
S-404 FRAMING/ STRUCTURAL DETAILS
S-405 FRAMING/ STRUCTURAL DETAILS
S-406 FRAMING/ STRUCTURAL DETAILS
S-421 TYPICAL MASONRY NOTES
S-501 STRUCTURAL NOTES
S-502 STRUCTURAL NOTES

A ARCHITECTURAL

AD-101 NOT USED
AD-102 UNIT "B" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-103 UNIT "C" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-104 UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-105 NOT USED
AD-106 UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-107 UNIT NOT USED
AD-108 UNIT "H" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-109 NOT USED
AD-110 UNIT "K" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-111 NOT USED
AD-112 UNIT "M" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-113 NOT USED
AD-114 UNIT "P" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-115 UNIT "R" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-116 UNIT "S" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN
AD-117 UNIT "T" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN — AD-1
AD-118 NOT USED
AD-119 UNIT "B" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN
AD-120 NOT USED
AD-121 UNIT "D" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN
AD-122 NOT USED
AD-123 UNIT "F" ARCHITECTURAL SECOND FLOOR DEMOLITION PLAN

A-101 UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN
A-102 UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN
A-103 UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN
A-104 UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN
A-105 NOT USED
A-106 UNIT "F" ARCHITECTURAL FIRST FLOOR PLAN
A-107 NOT USED
A-108 UNIT "H" ARCHITECTURAL FIRST FLOOR PLAN
A-109 NOT USED
A-110 UNIT "K" ARCHITECTURAL FIRST FLOOR PLAN
A-111 NOT USED
A-112 UNIT "M" ARCHITECTURAL FIRST FLOOR PLAN
A-113 NOT USED
A-114 UNIT "P" ARCHITECTURAL FIRST FLOOR PLAN
A-115 UNIT "R" ARCHITECTURAL FIRST FLOOR PLAN
A-116 UNIT "S" ARCHITECTURAL FIRST FLOOR PLAN
A-117 UNIT "T" ARCHITECTURAL FIRST FLOOR PLAN
A-118 UNIT "A" ARCHITECTURAL SECOND FLOOR PLAN
A-119 UNIT "B" ARCHITECTURAL SECOND FLOOR PLAN
A-120 NOT USED
A-121 UNIT "D" ARCHITECTURAL SECOND FLOOR PLAN
A-122 NOT USED
A-123 UNIT "F" ARCHITECTURAL SECOND FLOOR PLAN
A-124 A-124 THRU A-133 NOT USED
A-134 UNIT "T" ARCHITECTURAL SECOND FLOOR PLAN
A-135 UNIT "A" PENTHOUSE UNIT "D" CLERESTORY PLANS

A-201 OVERALL ARCHITECTURAL ROOF PLAN
A-202 PARTIAL UNIT "A" AND "F" ENLARGED ROOF PLANS
A-203 PARTIAL UNIT "K" AND "T" ENLARGED ROOF PLANS
A-210 ROOF DETAILS
A-211 ROOF DETAILS
A-212 ROOF DETAILS

A-301 UNIT "A" EXTERIOR ELEVATIONS
A-302 UNIT "F" and "K" EXTERIOR ELEVATIONS
A-303 UNIT "T" EXTERIOR ELEVATIONS
A-311 EXISTING EXTERIOR ELEVATIONS
A-312 EXISTING EXTERIOR ELEVATIONS
A-313 EXISTING EXTERIOR ELEVATIONS
A-314 EXISTING EXTERIOR ELEVATIONS

A-410 TYPICAL WALL SECTIONS
A-411 WALL SECTIONS
A-412 WALL SECTIONS
A-413 WALL SECTIONS
A-414 WALL SECTIONS
A-415 WALL SECTIONS
A-416 WALL SECTIONS
A-417 WALL SECTIONS
A-418 WALL SECTIONS
A-419 WALL SECTIONS
A-420 WALL SECTIONS
A-421 WALL SECTIONS

A ARCHITECTURAL (CONTINUED)

A-425 ENLARGED TOILET ROOM PLANS
A-426 ENLARGED LOCKER ROOM PLANS

A-431 ENLARGED STAIR PLANS AND SECTIONS
A-432 ENLARGED STAIR PLANS AND SECTIONS
A-433 ENLARGED STAIR PLANS AND SECTIONS
A-434 ENLARGED RAMP PLANS

A-501 TYPICAL DETAILS
A-511 PLAN DETAILS
A-512 PLAN DETAILS
A-513 PLAN DETAILS

A-601 DOOR AND FRAME SCHEDULE
A-602 DOOR AND FRAME SCHEDULE
A-610 HOLLOW METAL ELEVATIONS AND DETAILS
A-620 CURTAINWALL AND STOREFRONT ELEVATIONS AND DETAILS
A-621 CURTAINWALL AND STOREFRONT DETAILS

A-701 UNIT "A" FIRST FLOOR EQUIPMENT PLAN
A-702 UNIT "B" FIRST FLOOR EQUIPMENT PLAN
A-703 UNIT "C" FIRST FLOOR EQUIPMENT PLAN
A-704 UNIT "D" FIRST FLOOR EQUIPMENT PLAN
A-705 UNIT "E" FIRST FLOOR EQUIPMENT PLAN
A-706 UNIT "F" FIRST FLOOR EQUIPMENT PLAN
A-708 UNIT "H" FIRST FLOOR EQUIPMENT PLAN
A-709 NOT USED
A-710 UNIT "K" FIRST FLOOR EQUIPMENT PLAN
A-711 NOT USED
A-712 NOT USED
A-713 NOT USED
A-714 NOT USED
A-715 NOT USED
A-716 UNIT "S" FIRST FLOOR EQUIPMENT PLAN
A-717 UNIT "T" FIRST FLOOR EQUIPMENT PLAN
A-718 UNIT "A" SECOND FLOOR EQUIPMENT PLAN
A-719 UNIT "B" SECOND FLOOR EQUIPMENT PLAN
A-720 NOT USED
A-721 UNIT "D" SECOND FLOOR EQUIPMENT PLAN
A-722 UNIT "E" SECOND FLOOR EQUIPMENT PLAN
A-723 UNIT "F" SECOND FLOOR EQUIPMENT PLAN

A-730 CASEWORK SCHEDULE AND ELEVATIONS

A-740 SCIENCE CASEWORK SCHEDULE, ELEVATIONS AND DETAILS

A-750 MILLWORK ENLARGED PLANS, ELEVATIONS AND SECTIONS (ISSUE BY ADDENDUM)
A-760 MEDIA CENTER EQUIPMENT PLAN

A-801 UNIT "A" FIRST FLOOR FINISH PLAN
A-802 UNIT "B" FIRST FLOOR FINISH PLAN
A-803 UNIT "C" FIRST FLOOR FINISH PLAN
A-804 UNIT "D" FIRST FLOOR FINISH PLAN
A-805 UNIT "E" FIRST FLOOR FINISH PLAN
A-806 UNIT "F" FIRST FLOOR FINISH PLAN
A-807 UNIT "G" FIRST FLOOR FINISH PLAN
A-808 UNIT "H" FIRST FLOOR FINISH PLAN
A-809 NOT USED
A-810 UNIT "K" FIRST FLOOR FINISH PLAN
A-811 NOT USED
A-812 UNIT "M" FIRST FLOOR FINISH PLAN
A-813 NOT USED
A-814 NOT USED
A-815 NOT USED
A-816 UNIT "S" FIRST FLOOR FINISH PLAN
A-817 UNIT "T" FIRST FLOOR FINISH PLAN
A-818 UNIT "A" SECOND FLOOR FINISH PLAN
A-819 UNIT "B" SECOND FLOOR FINISH PLAN
A-820 NOT USED
A-821 UNIT "D" SECOND FLOOR FINISH PLAN
A-822 NOT USED
A-823 UNIT "F" SECOND FLOOR FINISH PLAN
A-824 UNIT "H" SECOND FLOOR FINISH PLAN
A-825 UNIT "T" SECOND FLOOR FINISH PLAN
A-830 FINISH SCHEDULE – ISSUE BY ADDENDUM
A-835 UNIT B/F/D FLOOR PATTERN PLAN
A-836 UNIT A FLOOR PATTERN PLAN
A-837 UNIT H FLOOR PATTERN PLAN
A-838 UNIT K/T FLOOR PATTERN PLAN
A-839 UNIT A/D SECOND FLOOR PATTERN PLAN
A-840 INTERIOR ELEVATIONS – MEDIA CENTER
A-841 INTERIOR ELEVATIONS – ATHLETIC ADDITION
A-842 INTERIOR ELEVATIONS – CAFE EAST WALL
A-843 CORRIDOR ELEVATION SECOND FLOOR
A-844 INTERIOR ELEVATIONS – CORRIDOR ELEVATION D119
A-845 INTERIOR ELEVATIONS – LGI & SATELLITE KITCHEN

A-901 UNIT "A" FIRST FLOOR CEILING PLAN
A-902 UNIT "B" FIRST FLOOR CEILING PLAN
A-903 UNIT "C" FIRST FLOOR CEILING PLAN
A-904 UNIT "D" FIRST FLOOR CEILING PLAN
A-905 NOT USED
A-906 UNIT "F" FIRST FLOOR CEILING PLAN
A-907 NOT USED
A-908 UNIT "H" FIRST FLOOR CEILING PLAN
A-909 NOT USED
A-910 UNIT "K" FIRST FLOOR CEILING PLAN
A-911 NOT USED
A-912 UNIT "M" FIRST FLOOR CEILING PLAN
A-913 913 THRU A-915 NOT USED
A-916 UNIT "S" FIRST FLOOR CEILING PLAN
A-917 UNIT "T" FIRST FLOOR CEILING PLAN
A-918 UNIT "A" SECOND FLOOR CEILING PLAN
A-919 UNIT "B" SECOND FLOOR CEILING PLAN
A-920 NOT USED
A-921 UNIT "D" SECOND FLOOR CEILING PLAN
A-922 NOT USED
A-923 UNIT "F" SECOND FLOOR CEILING PLAN
A-924 A-924 THRU A-933 NOT USED
A-934 UNIT "T" MEZZANINE CEILING PLAN
A-935 PENTHOUSE CEILING PLANS
A-940 CEILING AND BULKHEAD DETAILS (ISSUE BY ADDENDUM)

VOLUME 2

G GENERAL

G-101v2 COVER SHEET – VOLUME 2
G-102v2 SHEET INDEX – VOLUME 2

K KITCHEN

K-100 FOOD SERVICE EQUIPMENT GENERAL NOTES & SHEET INDEX
K-101 FOOD SERVICE EQUIPMENT PLAN
K-102 FOOD SERVICE EQUIPMENT SPECIAL CONDITIONS PLAN
K-200 FOOD SERVICE EQUIPMENT SPOT SCHEDULE
K-300 FOOD SERVICE EQUIPMENT PLUMBING PLAN
K-301 FOOD SERVICE EQUIPMENT ELECTRICAL PLAN
K-400 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS
K-401 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS
K-402 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS
K-403 FOOD SERVICE EQUIPMENT DETAILS, ELEVATIONS & SECTIONS

M MECHANICAL

M-001 MECHANICAL NOTES, SYMBOLS & ABBREVIATIONS
MD102 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "B"
MD103 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "C"
MD104 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "D"
MD105 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "E"
MD106 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "F"
MD108 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "H"
MD109 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "J"
MD112 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "M"
MD116 MECHANICAL VENTILATION DEMOLITION FIRST FLOOR PLAN – UNIT "S"
MD121 MECHANICAL VENTILATION DEMOLITION SECOND FLOOR PLAN – UNIT "D"
MD123 MECHANICAL VENTILATION DEMOLITION SECOND FLOOR PLAN – UNIT "F"
MD202 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "B"
MD203 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "C"
MD204 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "D"
MD205 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "E"
MD206 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "F"
MD207 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "G"
MD208 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "H"
MD209 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "J"
MD210 MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN – UNIT "K"
MD221 MECHANICAL PIPING DEMOLITION SECOND FLOOR PLAN – UNIT "D"
MV101 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "A"
MV102 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "B"
MV103 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "C"
MV104 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "D"
MV105 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "E"
MV106 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "F"
MV108 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "H"
MV109 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "J"
MV110 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "K"
MV112 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "M"
MV116 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "S"
MV117 MECHANICAL VENTILATION FIRST FLOOR PLAN – UNIT "T"
MV118 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "A"
MV119 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "B"
MV121 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "D"
MV123 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "F"
MV134 MECHANICAL VENTILATION SECOND FLOOR PLAN – UNIT "T"
MP101 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "A"
MP102 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "B"
MP104 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "D"
MP106 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "F"
MP108 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "H"
MP109 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "J"
MP110 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "K"
MP112 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "M"
MP114 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "P"
MP116 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "S"
MP117 MECHANICAL PIPING FIRST FLOOR PLAN – UNIT "T"
MP118 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "A"
MP119 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "B"
MP121 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "D"
MP123 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "F"
MP134 MECHANICAL PIPING SECOND FLOOR PLAN – UNIT "T"
M-127 MECHANICAL HVAC ROOF PLAN – UNIT "J"
M-135 MECHANICAL HVAC PENTHOUSE PLAN – UNIT "A"
M-136 MECHANICAL HVAC ROOF PLAN – UNIT "A"
M-137 MECHANICAL HVAC ROOF PLAN – UNITS "D", "F"
M-139 MECHANICAL HVAC ROOF PLAN – UNIT "T"
M-301 MECHANICAL HVAC SECTIONS
M-401 MECHANICAL HVAC ENLARGED MEZZANINE PLAN – UNIT "T"
M-402 MECHANICAL HVAC ENLARGED BOILER ROOM PLAN – UNIT "J"
M-403 MECHANICAL VENTILATION ENLARGED FIRST FLOOR PLAN – UNIT "F"
M-404 MECHANICAL VENTILATION ENLARGED FIRST FLOOR PLAN – UNIT "F"
M-501 MECHANICAL SCHEDULES
M-502 MECHANICAL SCHEDULES
M-503 MECHANICAL SCHEDULES
M-601 MECHANICAL DETAILS & DIAGRAMS
M-602 MECHANICAL DETAILS & DIAGRAMS

P PLUMBING

P-001 PLUMBING NOTES, SYMBOLS & ABBREVIATIONS
PD202 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "B"
PD203 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "C"
PD204 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "D"
PD206 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "F"
PD208 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "H"
PD209 PLUMBING DEMOLITION FIRST FLOOR PLAN – UNIT "J"
PD221 PLUMBING DEMOLITION SECOND FLOOR PLAN – UNIT "D"
P-101 PLUMBING UNDERGROUND PLAN – UNIT "A"
P-102 PLUMBING UNDERGROUND PLAN – UNIT "B"
P-103 PLUMBING UNDERGROUND PLAN – UNIT "C"
P-104 PLUMBING UNDERGROUND PLAN – UNIT "D"
P-106 PLUMBING UNDERGROUND PLAN – UNIT "F"
P-107 PLUMBING UNDERGROUND PLAN – UNIT "G"
P-108 PLUMBING UNDERGROUND PLAN – UNIT "H"
P-109 PLUMBING UNDERGROUND PLAN – UNIT "J"
P-110 PLUMBING UNDERGROUND PLAN – UNIT "K"
P-112 PLUMBING UNDERGROUND PLAN – UNIT "M"
P-116 PLUMBING UNDERGROUND PLAN – UNIT "S"
P-117 PLUMBING UNDERGROUND PLAN – UNIT "T"
P-201 PLUMBING FIRST FLOOR PLAN – UNIT "A"
P-202 PLUMBING FIRST FLOOR PLAN – UNIT "B"
P-203 PLUMBING FIRST FLOOR PLAN – UNIT "C"
P-204 PLUMBING FIRST FLOOR PLAN – UNIT "D"
P-206 PLUMBING FIRST FLOOR PLAN – UNIT "F"
P-209 PLUMBING FIRST FLOOR PLAN – UNIT "J"
P-210 PLUMBING FIRST FLOOR PLAN – UNIT "K"
P-212 PLUMBING FIRST FLOOR PLAN – UNIT "M"
P-216 PLUMBING FIRST FLOOR PLAN – UNIT "S"
P-217 PLUMBING FIRST FLOOR PLAN – UNIT "T"
P-218 PLUMBING SECOND FLOOR PLAN – UNIT "A"
P-219 PLUMBING SECOND FLOOR PLAN – UNIT "B"
P-221 PLUMBING SECOND FLOOR PLAN – UNIT "D"
P-223 PLUMBING SECOND FLOOR PLAN – UNIT "F"
P-234 PLUMBING SECOND FLOOR PLAN – UNIT "T"
P-236 PLUMBING ROOF PLAN – UNIT "A"
P-237 PLUMBING ROOF PLAN – UNIT "F"
P-238 PLUMBING ROOF PLAN – UNIT "K"
P-239 PLUMBING ROOF PLAN – UNIT "T"
P-501 PLUMBING SCHEDULES
P-601 PLUMBING DETAILS & DIAGRAMS
P-602 PLUMBING DETAILS & DIAGRAMS
P-603 PLUMBING DETAILS & DIAGRAMS

FP FIRE PROTECTION

FP001 FIRE PROTECTION SCHEDULES, NOTES & DIAGRAMS
FP101 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "A"
FP102 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "B"
FP103 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "C"
FP104 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "D"
FP105 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "E"
FP106 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "F"
FP107 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "G"
FP108 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "H"
FP109 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "J"
FP110 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "K"
FP112 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "M"
FP114 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "P"
FP115 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "R"
FP116 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "S"
FP117 FIRE PROTECTION FIRST FLOOR PLAN – UNIT "T"
FP118 FIRE PROTECTION SECOND FLOOR PLAN & PENTHOUSE PLAN– UNIT "A"
FP119 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "B"
FP121 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "D"
FP123 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "F"
FP134 FIRE PROTECTION SECOND FLOOR PLAN – UNIT "T"

VOLUME 3

G GENERAL

G-101v3 COVER SHEET – VOLUME 3
G-102v3 SHEET INDEX – VOLUME 3

E ELECTRICAL

E-001 ELECTRICAL SYMBOLS
E-002 ELECTRICAL SITE PLAN
E-003 ELECTRICAL SITE PLAN
ED101 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "A"
ED102 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "B"
ED103 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "C"
ED104 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "D"
ED105 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "E"
ED106 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "F"
ED107 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "G"
ED108 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "H"
ED109 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "J"
ED110 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "K"
ED112 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "M"
ED114 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "P"
ED115 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "R"
ED116 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "S"
ED117 ELECTRICAL DEMOLITION FIRST FLOOR PLAN – UNIT "T"
ED121 ELECTRICAL DEMOLITION SECOND FLOOR PLAN – UNIT "D"
EL101 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "A"
EL102 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "B"
EL103 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "C"
EL104 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "D"
EL105 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "E"
EL106 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "F"
EL107 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "G"
EL108 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "H"
EL109 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "J"
EL110 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "K"
EL112 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "M"
EL114 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "P"
EL116 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "S"
EL117 ELECTRICAL LIGHTING FIRST FLOOR PLAN – UNIT "T"
EL118 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "A"
EL119 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "B"
EL121 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "D"
EL123 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "F"
EL134 ELECTRICAL LIGHTING SECOND FLOOR PLAN – UNIT "T"
EP101 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "A"
EP102 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "B"
EP103 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "C"
EP104 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "D"
EP105 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "E"
EP106 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "F"
EP108 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "H"
EP109 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "J"
EP110 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "K"
EP112 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "M"
EP116 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "S"
EP117 ELECTRICAL POWER FIRST FLOOR PLAN – UNIT "T"
EP118 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "A"
EP119 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "B"
EP121 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "D"
EP123 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "F"
EP134 ELECTRICAL POWER SECOND FLOOR PLAN – UNIT "T"
EP136 ELECTRICAL POWER ROOF PLAN – UNIT "A"
EP137 ELECTRICAL POWER ROOF PLAN – UNITS "D, F"
EP139 ELECTRICAL POWER ROOF PLAN – UNIT "T"
E-401 ELECTRICAL POWER ENLARGED FIRST FLOOR PLAN UNIT "M"
E-501 ELECTRICAL ONE-LINE DIAGRAM
E-502 ELECTRICAL ONE-LINE DIAGRAM
E-503 ELECTRICAL SCHEDULES, NOTES, DIAGRAMS & DETAILS
E-504 ELECTRICAL SCHEDULES, DETAILS & DIAGRAMS
E-505 ELECTRICAL DIAGRAMS & DETAILS
E-506 ELECTRICAL GENERAL NOTES, DIAGRAMS, AND ABBREVIATIONS
E-507 ELECTRICAL DETAILS
E-601 ELECTRICAL SCHEDULES
E-602 ELECTRICAL SCHEDULES
E-603 ELECTRICAL SCHEDULES
E-604 ELECTRICAL SCHEDULES
E-605 ELECTRICAL SCHEDULES

T TELECOMMUNICATIONS

T-001 TELECOMMUNICATIONS LEGEND
TS-100 TELECOMMUNICATIONS SITE PLAN
TS-501 TELECOMMUNICATION SITE PLAN DETAILS
TD-100 TELECOMMUNICATIONS OVERALL FIRST FLOOR DEMO PLAN
TD-101 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT A
TD-102 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT B
TD-103 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT C
TD-104 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT D
TD-105 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT E
TD-106 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT F
TD-107 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT G
TD-108 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT H
TD-109 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT J
TD-110 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT K
TD-111 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT L
TD-112 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT M
TD-113 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT N
TD-114 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT P
TD-115 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT R
TD-116 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT S
TD-117 TELECOMMUNICATIONS FIRST FLOOR DEMO UNIT T
TD-200 TELECOMMUNICATIONS OVERALL SECOND FLOOR DEMO PLAN
TD-201 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT B
TD-202 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT C
TD-203 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT D
TD-204 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT E
TD-205 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT F
TD-206 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT G
TD-207 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT H
TD-208 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT K
TD-209 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT L
TD-210 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT M
TD-211 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT N
TD-212 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT P
TD-213 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT R
TD-214 TELECOMMUNICATIONS SECOND FLOOR DEMO UNIT S
T-100 TELECOMMUNICATIONS OVERALL FIRST FLOOR PLAN
T-101 TELECOMMUNICATIONS FIRST FLOOR UNIT A
T-102 TELECOMMUNICATIONS FIRST FLOOR UNIT B
T-103 TELECOMMUNICATIONS FIRST FLOOR UNIT C
T-104 TELECOMMUNICATIONS FIRST FLOOR UNIT D
T-105 TELECOMMUNICATIONS FIRST FLOOR UNIT E
T-106 TELECOMMUNICATIONS FIRST FLOOR UNIT F
T-107 TELECOMMUNICATIONS FIRST FLOOR UNIT G
T-108 TELECOMMUNICATIONS FIRST FLOOR UNIT H
T-109 TELECOMMUNICATIONS FIRST FLOOR UNIT J
T-110 TELECOMMUNICATIONS FIRST FLOOR UNIT K
T-111 TELECOMMUNICATIONS FIRST FLOOR UNIT L
T-112 TELECOMMUNICATIONS FIRST FLOOR UNIT M
T-113 TELECOMMUNICATIONS FIRST FLOOR UNIT N
T-114 TELECOMMUNICATIONS FIRST FLOOR UNIT P
T-115 TELECOMMUNICATIONS FIRST FLOOR UNIT R
T-116 TELECOMMUNICATIONS FIRST FLOOR UNIT S
T-117 TELECOMMUNICATIONS FIRST FLOOR UNIT T
T-200 TELECOMMUNICATIONS OVERALL SECOND FLOOR PLAN
T-201 TELECOMMUNICATIONS SECOND FLOOR UNIT A
T-202 TELECOMMUNICATIONS SECOND FLOOR UNIT B
T-203 TELECOMMUNICATIONS SECOND FLOOR UNIT C
T-204 TELECOMMUNICATIONS SECOND FLOOR UNIT D
T-205 TELECOMMUNICATIONS SECOND FLOOR UNIT E
T-206 TELECOMMUNICATIONS SECOND FLOOR UNIT F
T-207 TELECOMMUNICATIONS SECOND FLOOR UNIT G
T-208 TELECOMMUNICATIONS SECOND FLOOR UNIT H
T-209 TELECOMMUNICATIONS SECOND FLOOR UNIT J
T-210 TELECOMMUNICATIONS SECOND FLOOR UNIT K
T-211 TELECOMMUNICATIONS SECOND FLOOR UNIT L
T-212 TELECOMMUNICATIONS SECOND FLOOR UNIT M
T-213 TELECOMMUNICATIONS SECOND FLOOR UNIT N
T-214 TELECOMMUNICATIONS SECOND FLOOR UNIT P
T-215 TELECOMMUNICATIONS SECOND FLOOR UNIT R
T-216 TELECOMMUNICATIONS SECOND FLOOR UNIT S
T-217 TELECOMMUNICATIONS SECOND FLOOR UNIT T
T-401 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-402 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-403 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-404 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-405 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-406 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-407 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-408 TELECOMMUNICATIONS ENLARGED ROOM DETAILS
T-501 TELECOMMUNICATIONS FACEPLATE DETAILS
T-502 TELECOMMUNICATIONS FACEPLATE DETAILS
T-503 TELECOMMUNICATIONS ROOM DETAILS
T-511 TELECOMMUNICATIONS DETAILS
T-601 GROUNDING AND BACKBONE DIAGRAMS
T-701 TELECOMMUNICATIONS PATHWAY AND ROUGH IN DETAILS
T-702 TELECOMMUNICATIONS PATHWAY AND ROUGH IN DETAILS
T-741 AUDIO VISUAL PATHWAY AND ROUGH-IN DETAILS
T-771 SECURITY SYSTEMS PATHWAY AND ROUGH IN DETAILS

AD-1

ARCHITECT OF RECORD — JOSEPH P. BRIGGS, REGISTERED, NO. 11600109, STATE OF INDIANA, ARCHITECT

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

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

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

ENGINEER OF RECORD — REGISTERED COMMUNICATIONS DISTRIBUTION DESIGNER, Bicsi, Brian K Scott, BICSI ID # 114038, Expires 12-31-21, RCDD

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY
CHECKED BY EJM

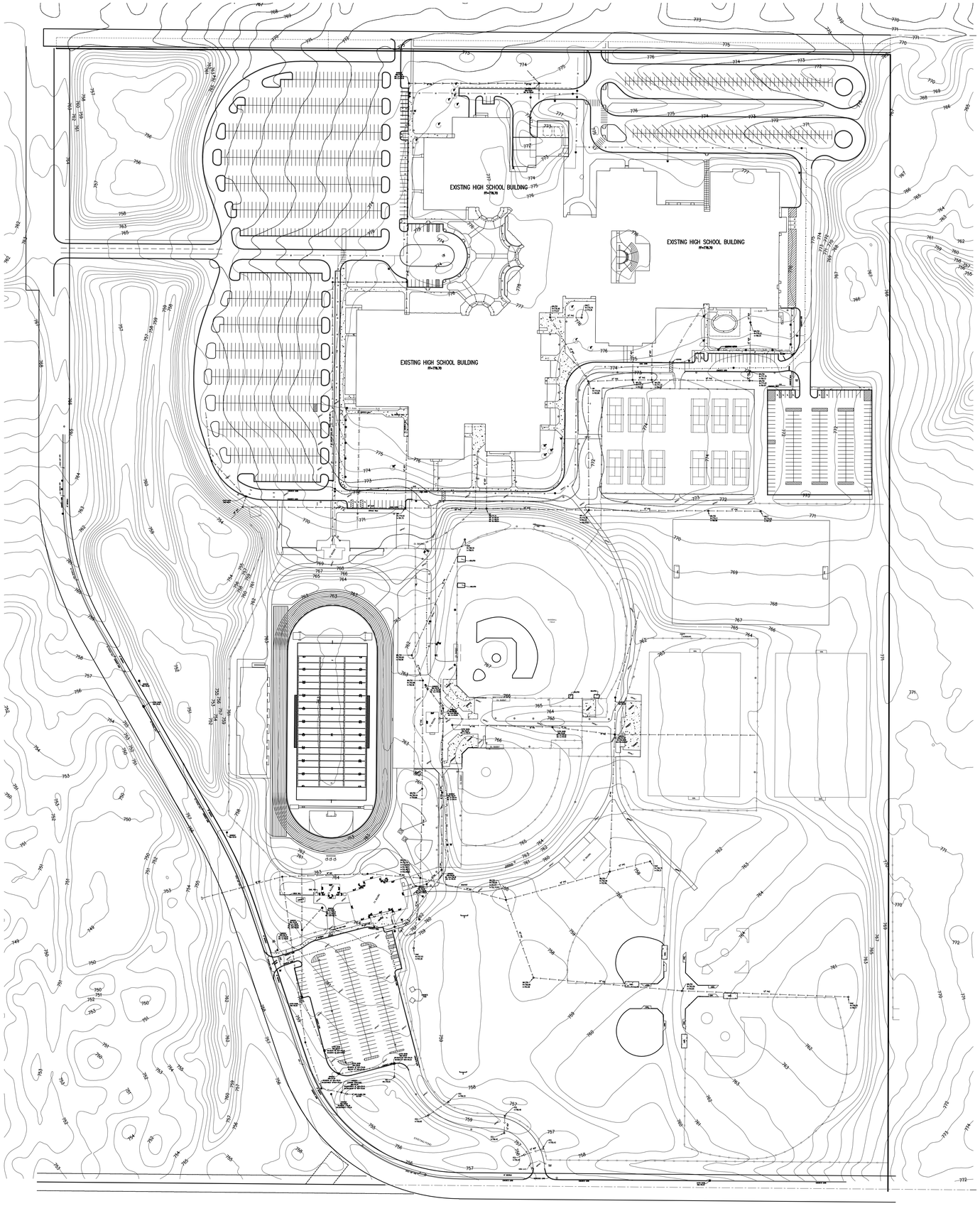
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
SHEET INDEX
VOLUME 3

PROJECT
CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATION

SHEET
G-102v3



LEGEND

EXISTING

- MANHOLE
- CATCH BASIN/INLET
- POWER POLE
- LIGHT POLE
- TELEPHONE MANHOLE
- TELEPHONE PEDESTAL
- WATER VALVE
- FIRE HYDRANT
- GAS VALVE
- NIPSCO GAS LINE–FLAGGED
- SANITARY SEWER
- STORM SEWER
- WATER MAIN
- BURIED SBC COMMUNICATIONS LINE
- SOIL BORING LOCATION
- EXISTING LIGHT

NOTES:

1. TOTAL SITE AREA = 99.47± ACRES
2. THIS PROPERTY IS LOCATED IN FLOOD ZONE X (AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN). THERE ARE NO FLOODWAYS AND FLOODWAY FRINGES ON THIS PROPERTY, AS TAKEN FROM FEMA FLOOD INSURANCE RATE MAPS (FIRM) FOR THE CITY OF CROWN POINT, LAKE COUNTY, INDIANA, MAP NUMBER 18089C0263E.
3. REFERENCE BOUNDARY INFORMATION:
   PLAT OF SURVEY BY WOOLPERT, LLP, 7140 WALDEMAR DRIVE, INDIANAPOLIS, INDIANA, DATED DECEMBER 5, 2007, SIGNED AND SEALED BY JOHN R. HESHELMAN, LS S0386, STATE OF INDIANA.
4. 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.
5. TEMPORARY BENCH MARKS: NAVD 88 (North American Vertical Datum 1988)
   TBM #1 – SW CORNER OF CONCRETE PAD @ LIFT STATION. ELEVATION = 747.51
   TBM #2 – FINISHED FLOOR OF MIDDLE SCHOOL. ELEVATION = 752.00
   TBM #3 – NORTH RIM OF STORM MANHOLE SOUTH OF MIDDLE SCHOOL. ELEVATION = 748.79
   TBM #4 – NORTH RIM OF SANITARY MANHOLE SOUTH OF FOOTBALL FIELD. ELEVATION = 748.79

NORTH

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch =100 ft.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT 21–111
DATE 10/11/21
COORDINATED BY DCT
DRAWN BY DCT/EM
CHECKED BY RAT

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

REVISIONS

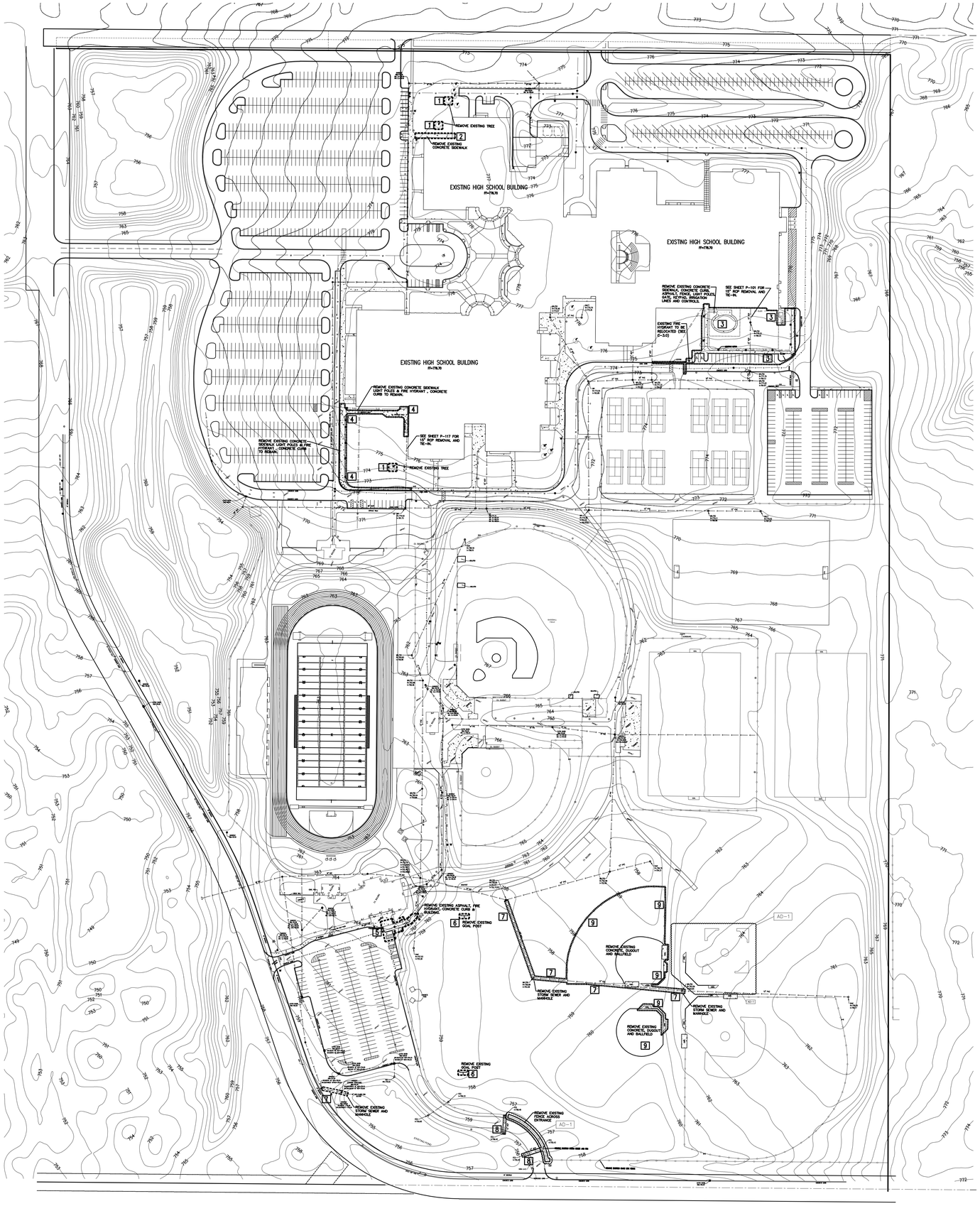
MARK	DATE	ISSUED FOR
AD–1	10–22–21	ADDENDUM NO. 1

DRAWING
EXISTING TOPOGRAPHY AND UTILITIES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET C-1.0

Z:\2021-5031 Crown Point High School\dwg\2021-5031.dwg 10/21/2021 9:34:27 AM CDT



DEMOLITION NOTES

- REMOVE WITHIN THE OUTLINED AREA
- [1] REMOVE EXISTING TREE
- [2] REMOVE EXISTING CONCRETE SIDEWALK
- [3] REMOVE EXISTING CONCRETE SIDEWALK, CONCRETE CURB, ASPHALT, FENCE, LIGHT POLES, GATE, KEYPAD, IRRIGATION LINES AND CONTROLS.
- [4] REMOVE EXISTING CONCRETE SIDEWALK LIGHT POLES & FIRE HYDRANT. (CONCRETE CURB TO REMAIN.)
- [5] REMOVE EXISTING ASPHALT, FIRE HYDRANT, CONCRETE CURB & BUILDING.
- [6] REMOVE EXISTING GOAL POST
- [7] REMOVE EXISTING STORM SEWER AND MANHOLE
- [8] REMOVE EXISTING STORM SEWER AND FES
- [9] REMOVE EXISTING CONCRETE, DUGOUT AND BALLFIELD

AD-1

ALTERNATE BID INFORMATION REMOVED

NORTH

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch =100 ft.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY DCT
DRAWN BY DCT/MH/EM
CHECKED BY DCT

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

REVISIONS

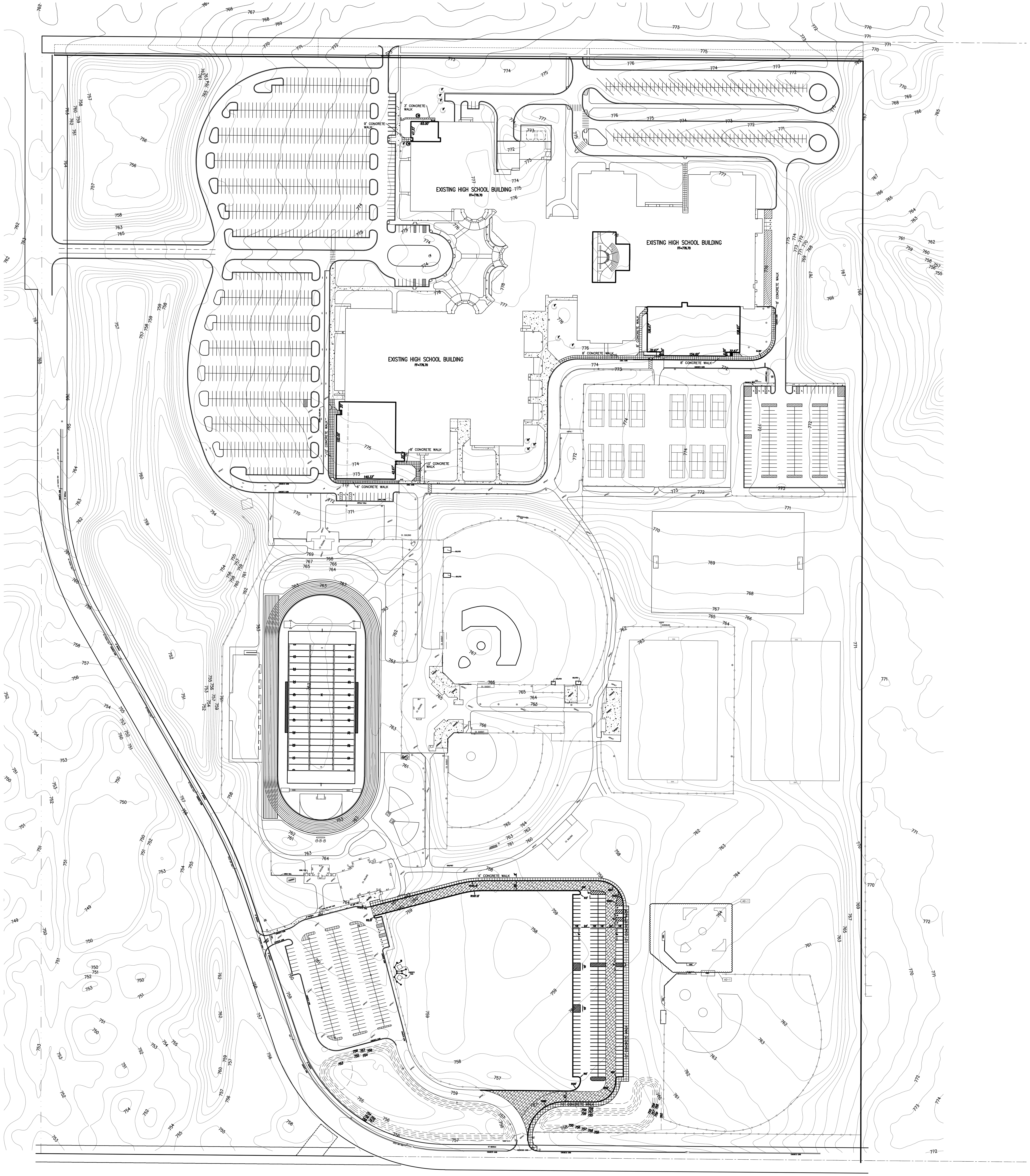
MARK	DATE	ISSUED FOR
AD-1	10-22-21	ADDENDUM NO. 1

DRAWING
DEMOLITION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET C-1.2

Z:\2021-5031 Crown Point High School\dwg\2021-5031.dwg 10/21/2021 9:34:27 AM CDT



Z:\2021-5031 Crown Point High School\dwg\2021-5031.dwg 10/21/2021 9:34:27 AM CDT

AD-1

LEGEND:

PROPOSED

(A)	TYPICAL ASPHALT
(HD)	HEAVY DUTY ASPHALT
(CW)	CONCRETE WALK
	COMBINED CONCRETE HIGH BACK CURB AND GUTTER
(HC)	HANDICAP ACCESS RAMP

NORTH

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT
21–111
DATE
10/07/21
COORDINATED BY
DCT
DRAWN BY
DCT/EM
CHECKED BY
DCT

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

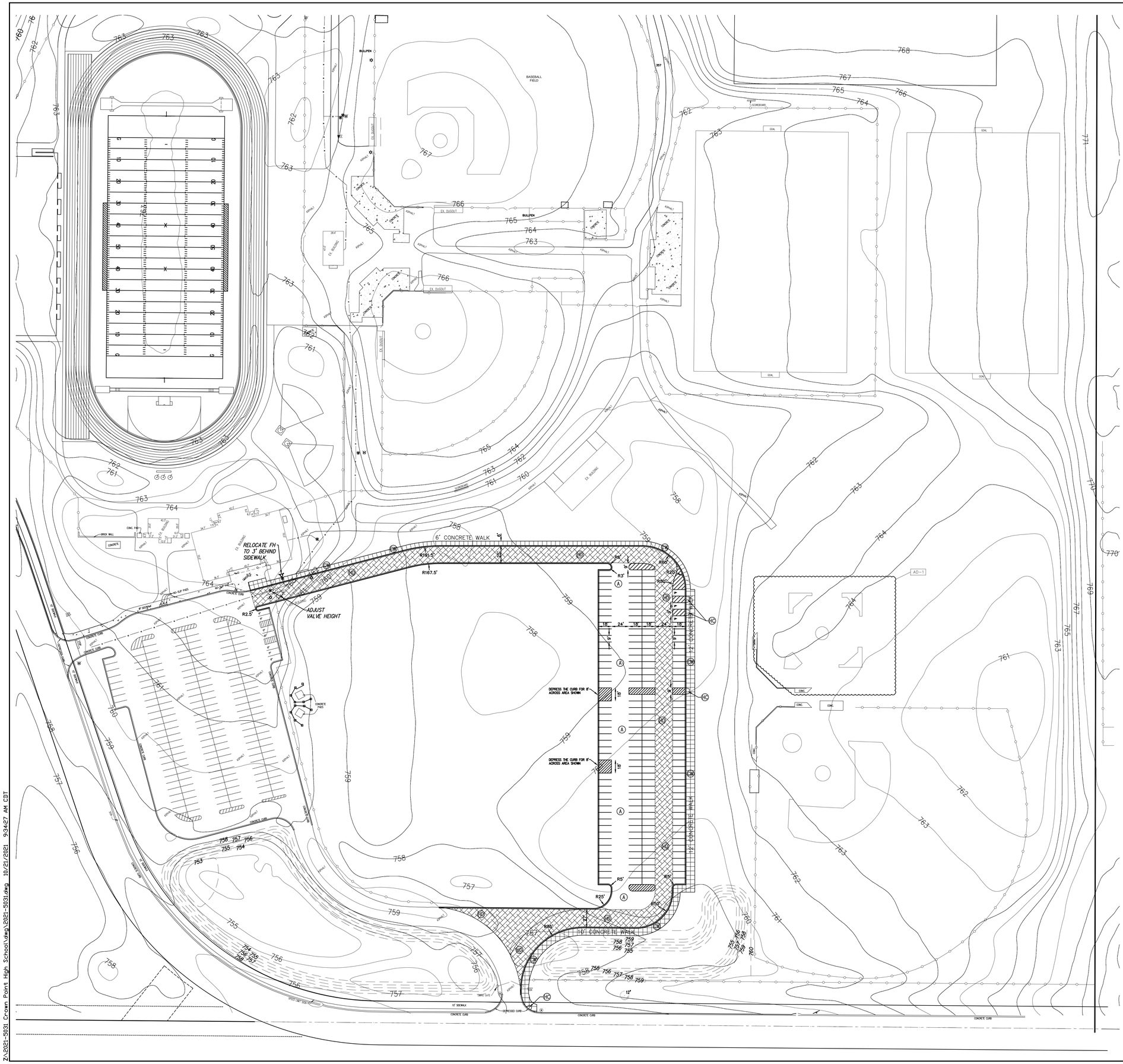
REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10–22–21	ADDENDUM NO. 1

DRAWING
MASTER SITE PLAN

PROJECT
CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATIONS

SHEET
C-2.0



LEGEND:

PROPOSED

- (A) TYPICAL ASPHALT
- (HD) HEAVY DUTY ASPHALT
- (CW) CONCRETE WALK
- COMBINED CONCRETE HIGH BACK CURB AND GUTTER
- (HC) HANDICAP ACCESS RAMP

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY DCT
DRAWN BY DCT/EM
CHECKED BY DCT

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

REVISIONS

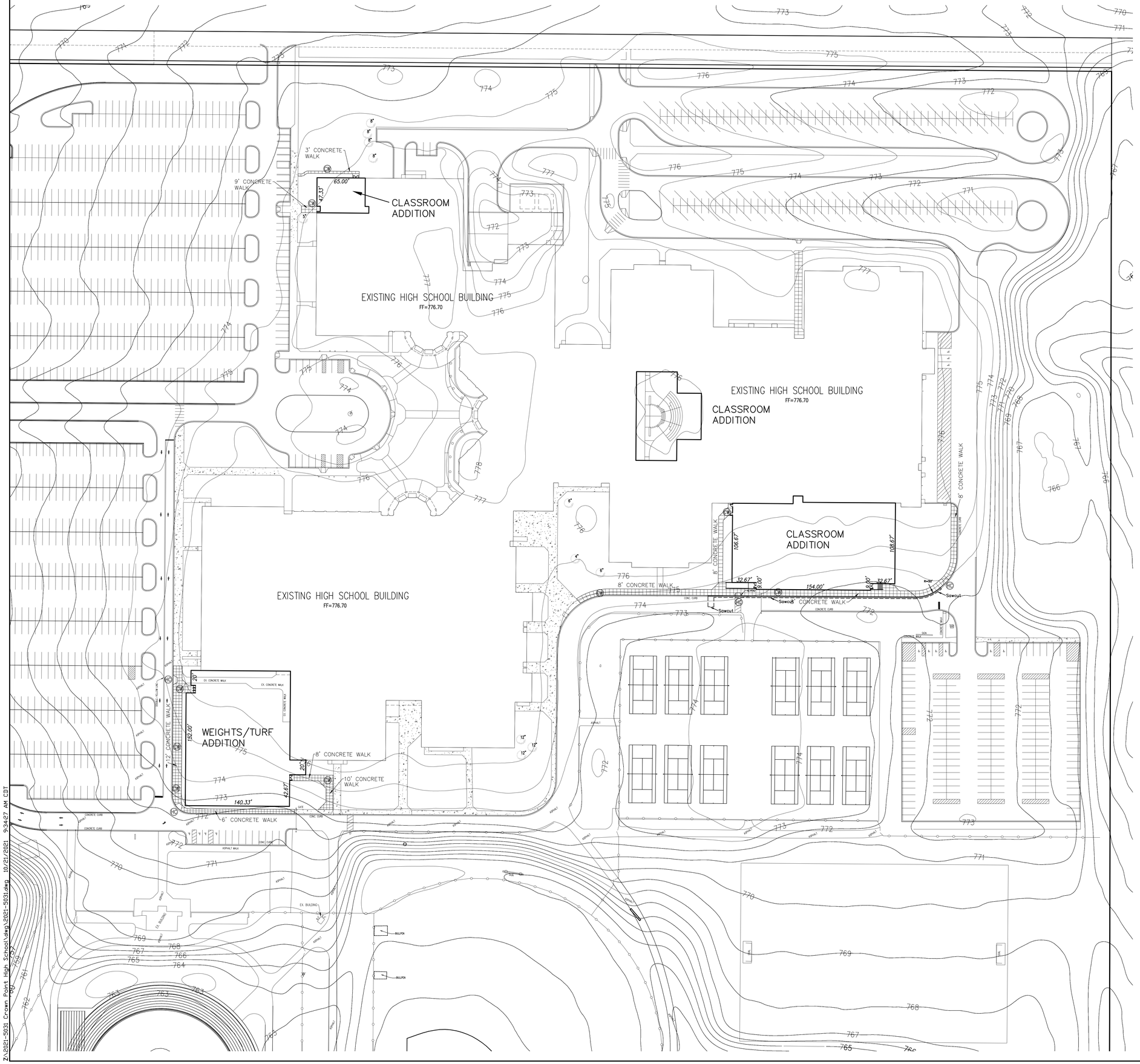
MARK	DATE	ISSUED FOR
AD-1	10-22-21	ADDENDUM NO. 1

DRAWING
SITE PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET C-2.1

Z:\2021-5031 Crown Point High School\dwg\2021-5031.dwg 10/21/2021 9:34:27 AM CDT



LEGEND:

PROPOSED

- (A) TYPICAL ASPHALT
- (HA) HEAVY DUTY ASPHALT
- (CW) CONCRETE WALK
- COMBINED CONCRETE HIGH BACK CURB AND GUTTER
- (HC) HANDICAP ACCESS RAMP

NORTH

GRAPHIC SCALE

50 0 25 50 100 200

(IN FEET)
1 inch = 50 ft.

Z:\2021-5031 Crown Point High School\dwg\2021-5031.dwg 10/21/2021 9:34:27 AM CDT

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY DCT
DRAWN BY DCT/EM
CHECKED BY DCT

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

REVISIONS

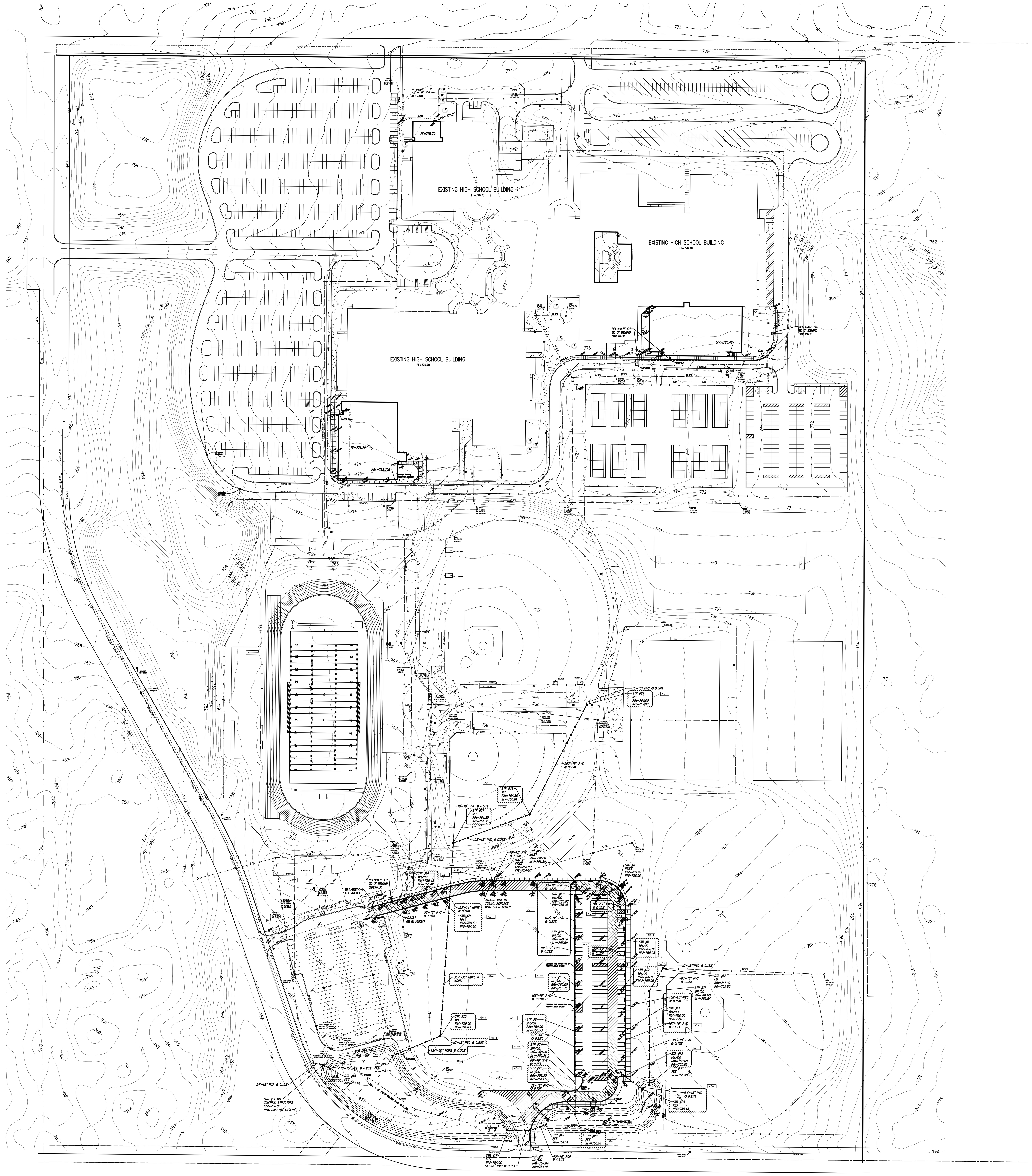
MARK	DATE	ISSUED FOR
AD-1	10-22-21	ADDENDUM NO. 1

DRAWING
SITE PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
C-2.2

Z:\2021-5031 Crown Point High School\dwg\2021-5031.dwg 10/21/2021 9:34:27 AM CDT



NORTH
GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch = 100 ft.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT
21-111
DATE
10/11/21
COORDINATED BY
DCT
DRAWN BY
DCT/EM
CHECKED BY
DCT

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10-22-21	ADDENDUM NO. 1

DRAWING
MASTER UTILITIES PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
C-3.0

LEGEND:

EXISTING

- FLAG POLE
- SURVEY TRAVERSE POINT
- POWER POLE
- POWER POLE w/ LIGHT
- GUY WIRE W/ANCHOR
- LIGHT POLE
- SIGNS (STOP, YIELD, etc.)
- CATCH BASIN/INLET
- CURB DRAIN
- END SECTION
- MANHOLE (SANITARY)
- MANHOLE (STORM)
- MANHOLE (UNMARKED)
- CLEAN OUT
- FIRE HYDRANT
- WATER VALVE
- TELEPHONE PEDESTAL
- TELEPHONE MANHOLE
- STEEL POST/BOLLARD
- ELECTRIC MANHOLE
- ELECTRIC VAULT
- ELECTRIC OUTLET
- CABLE TV PEDESTAL
- GAS METER
- SOIL BORING W/NUMBER
- IRRIGATION CONTROL VALVE
- SPRINKLER HEAD
- MONITORING WELL
- OVERHEAD LINES
- CHAIN LINK FENCE
- STORM SEWER LINE
- SANITARY SEWER LINE
- WATER LINE
- UNDERGROUND ELECTRIC LINE
- UNDERGROUND GAS LINE
- UNDERGROUND FIBER OPTIC LINE
- CONTOUR

LEGEND:

PROPOSED

- SANITARY SEWER
- STORM SEWER
- WATER MAIN
- MANHOLE/ CATCH BASIN
- GRADE
- DRAINAGE FLOW
- P PAVEMENT
- TC TOP OF CURB
- TW TOP OF WALK
- DO DUGOUT

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

GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY DCT
DRAWN BY DCT/EM
CHECKED BY DCT

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

REVISIONS

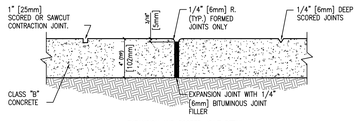
MARK	DATE	ISSUED FOR
AD-1	10-22-21	ADDENDUM NO. 1

DRAWING
GRADING, STORM SEWERS, SANITARY SEWERS & WATER MAIN PLAN

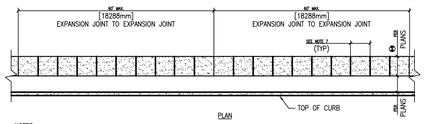
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET C-3.1

Z:\2021-5031 Crown Point High School\dwg\2021-5031.dwg 10/21/2021 9:34:27 AM CDT

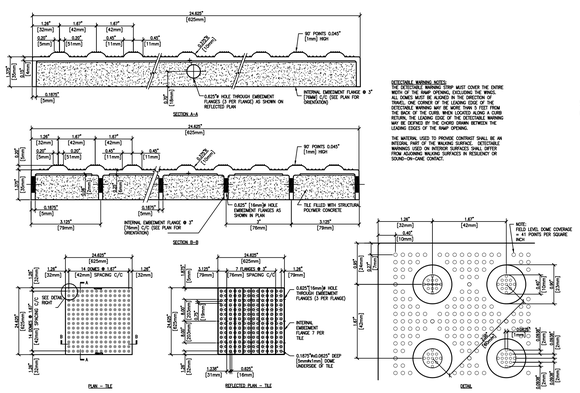


EXPANSION AND SCORED JOINT DETAIL

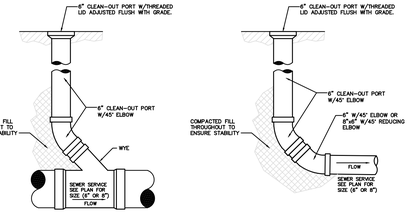


NOTES:
1. EXPANSION JOINTS SHALL BE LOCATED WHERE SIDEWALK ABUTS CONCRETE DRIVEWAYS, CURB OR OTHER ADJACENT STRUCTURES.
2. ONE-HALF INCH BITUMINOUS JOINT FILLER SHALL BE INSTALLED AT EXPANSION JOINT LOCATIONS AND SHALL EXTEND THE FULL DEPTH OF THE CONCRETE.
3. 1" DEEP CONTRACTION JOINTS SHALL BE PLACED 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

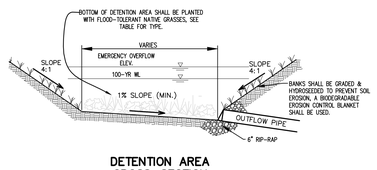


TRUNCATED DOME TACTILE – WARNING STRIP
NOT TO SCALE



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

SPECIFICATIONS FOR SANITARY SEWER AND WATER MAINS

AD-1

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.

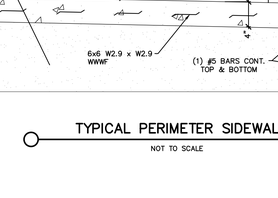
GENERAL SPECIFICATIONS

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.

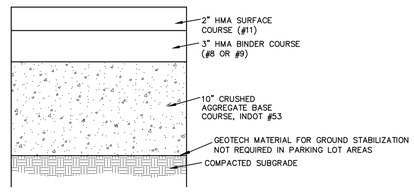
3. The contractor shall provide full depth saw cuts where existing pavement, concrete or asphalt is to be removed. The contractor shall provide adequate compacted material/gravel at saw cut edge to shore up and prevent the degradation of existing pavement to remain. Damage to existing pavement will be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



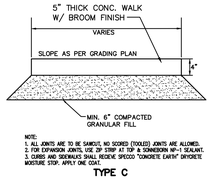
NOTES:
1. WHERE FILL IS REQUIRED, SUBGRADE SHALL BE COMPACTED TO 95% OF THE MAXIMUM DRY DENSITY AS DETERMINED BY ASTM D698 METHOD OF TESTING.
2. THE CONTRACTOR IS RESPONSIBLE FOR CORRECTING ANY PONDING PROBLEMS THAT MAY OCCUR AFTER THE FINAL SURFACE IS LAID.

TYPICAL ASPHALT PAVEMENT SECTION
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.

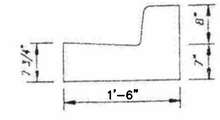
HEAVY DUTY ASPHALT PAVEMENT SECTION
(NO SCALE)



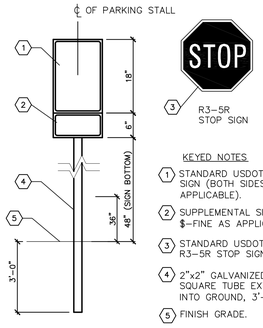
NOTE:
1. ALL JOINTS ARE TO BE SAWCUT, NO SCORED (TOOLED) JOINTS ARE ALLOWED.
2. FOR EXPANSION JOINTS, USE ZIP STRIP AT TOP & SONNEBORN NP-1 SEALANT.
3. CURBS AND SIDEWALKS SHALL RECEIVE SPECCO "CONCRETE EARTH" SILICATE MOISTURE STOP. APPLY ONE COAT.

TYPE C

SIDEWALK CROSS-SECTION
NOT TO SCALE

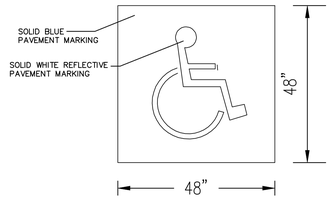


COMBINED CONCRETE HIGH BACK CURB AND GUTTER
NOT TO SCALE



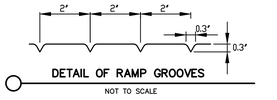
KEYED NOTES
1. STANDARD USDOT R7 SIGN (BOTH SIDES-WHERE APPLICABLE).
2. SUPPLEMENTAL SIGNS, $-FINE AS APPLICABLE.
3. STANDARD USDOT R3-5R STOP SIGN
4. 2"x2" GALVANIZED STEEL SQUARE TUBE EXTENDED INTO GROUND, 3'-0"
5. FINISH GRADE.

SIGN AND POST (FREE STANDING)
NOT TO SCALE



INTERNATIONAL SYMBOL FOR ACCESSIBILITY
NOT TO SCALE

Figure 4b
INTERNATIONAL SYMBOL OF ACCESSIBILITY DISPLAY CONDITIONS
NOT TO SCALE



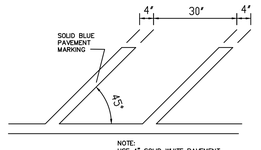
DETAIL OF RAMP GROOVES
NOT TO SCALE

KEYED NOTES
1. 4" THICK CONC. BROOM FINISH WITH 6X6 W2.9XW2.9 WWMF
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

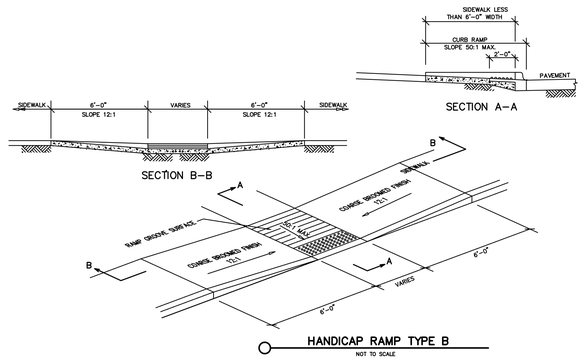
NOTE (R7 SIGN): THIS IS A STANDARD SIGN AND MAY BE ORDERED FROM ANY TRAFFIC SIGN SUPPLIER BY NUMBER. THE SIGN MUST BE SUPPLEMENTED WITH AMOUNT OF THE FINE FOR ILLEGAL PARKING IN THE HIGHWAY (UNLESS A MUNICIPALITY MAY IMPOSE). CONFIRM WITH LOCAL REGULATIONS.

ACCESSIBILITY SIGNAGE
NOT TO SCALE



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

ACCESSIBILITY AND PARKING STRIPING DETAIL
NOT TO SCALE



HANDICAP RAMP TYPE B
NOT TO SCALE

GIBRALTAR DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY DCT
DRAWN BY NM/SP/EM
CHECKED BY DCT

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

REVISIONS

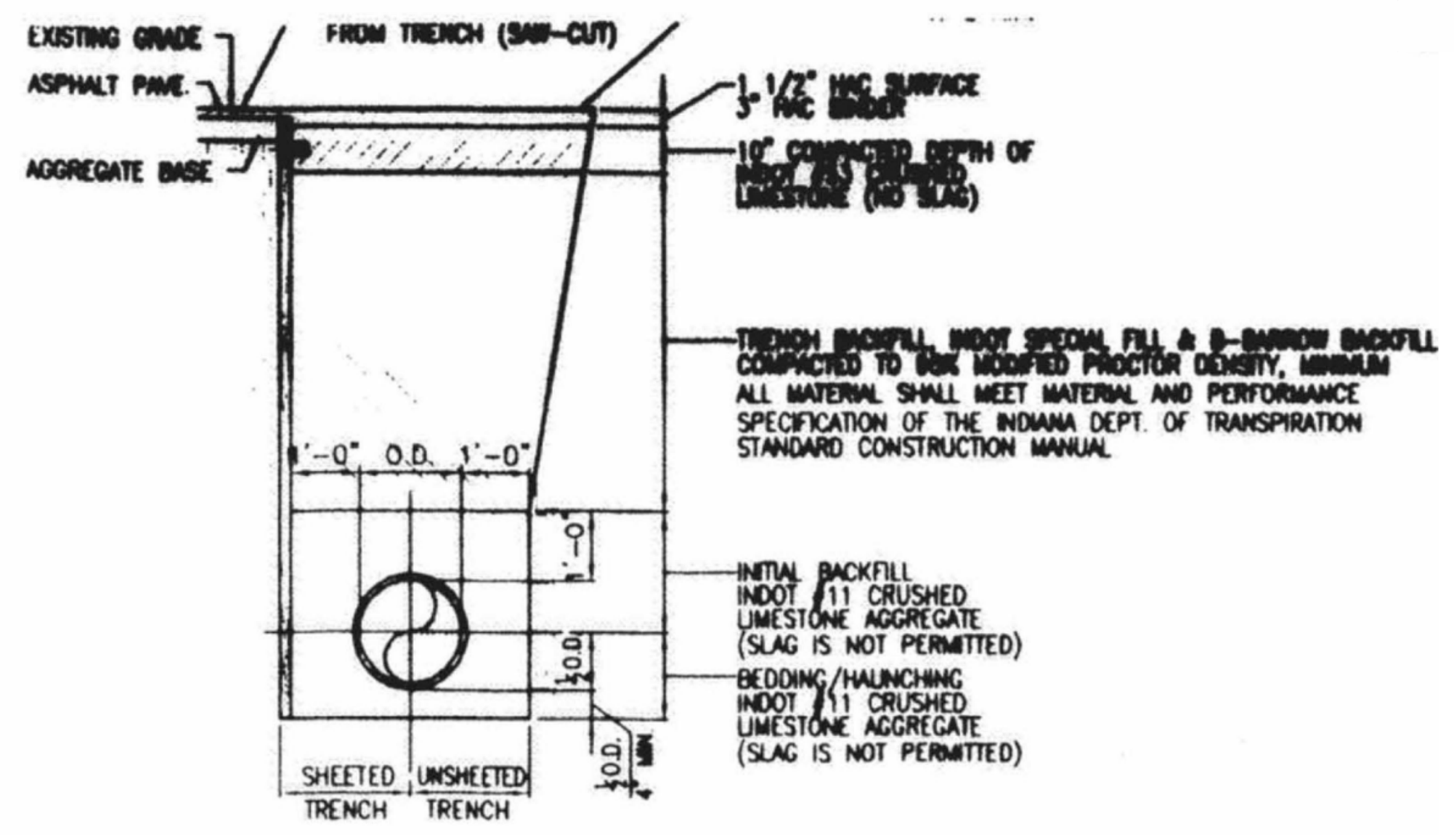
MARK	DATE	ISSUED FOR
AD-1	10-22-21	ADDENDUM NO. 1

DRAWING
DETAILS & SPECIFICATIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

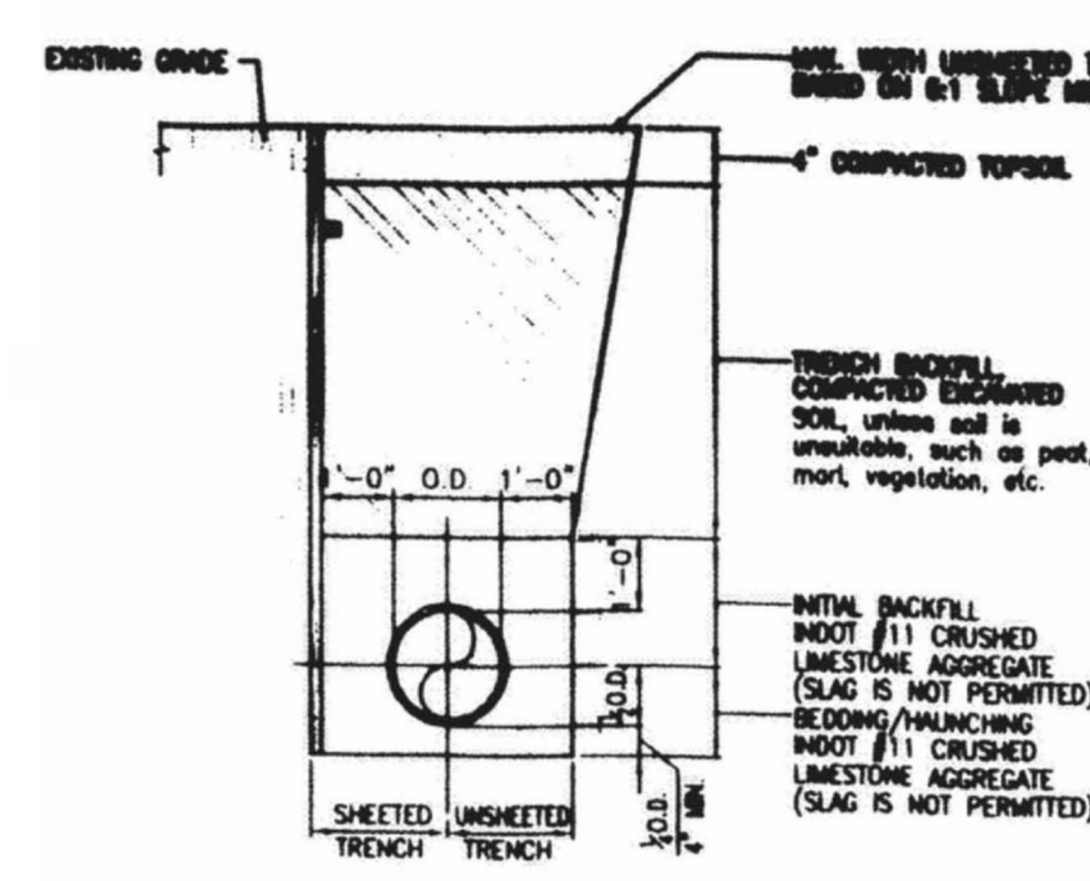
SHEET
C-4.0

AD-1

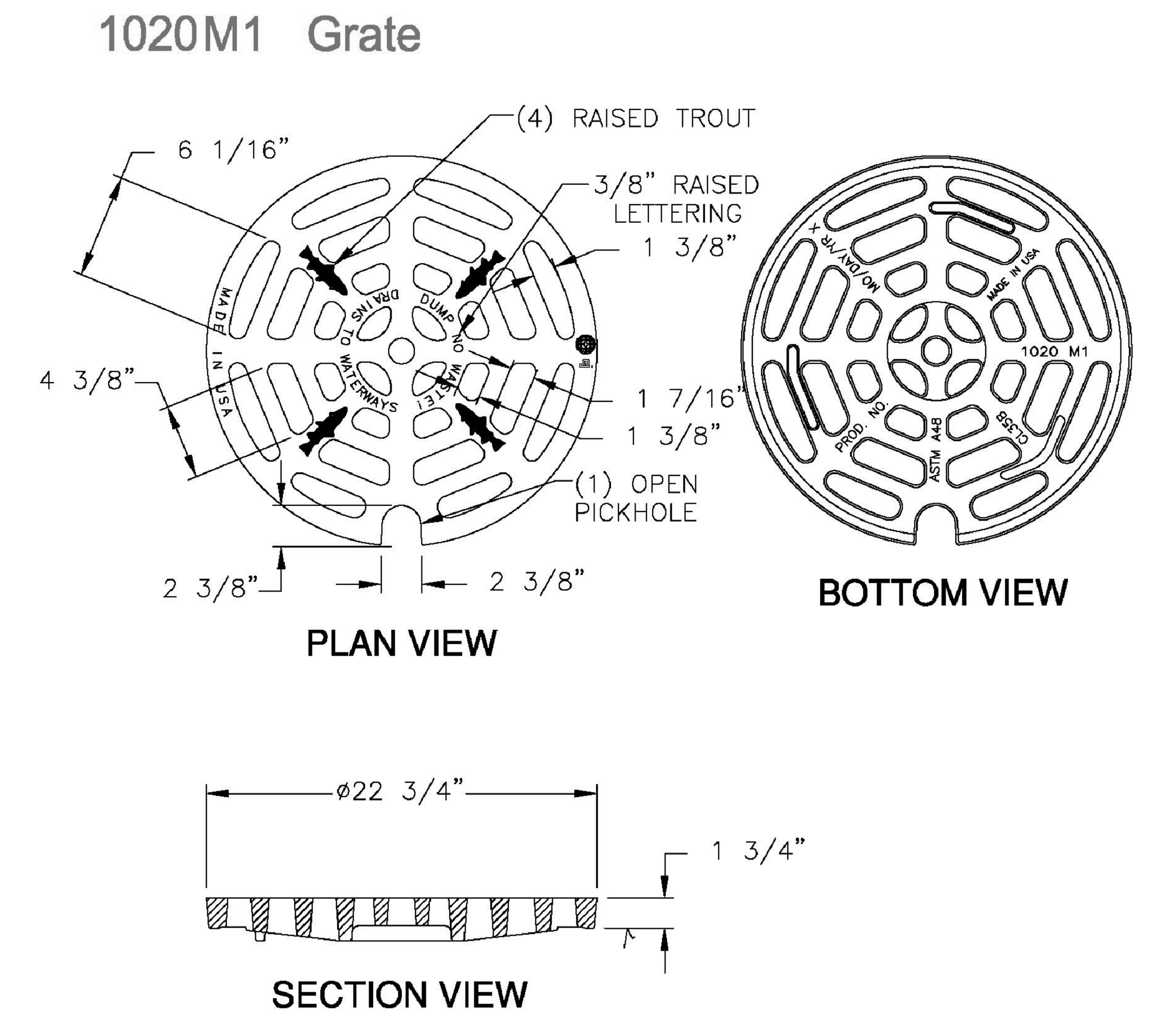


EXISTING GRADE
FROM TRENCH (SAW-CUT)
ASPHALT PAVE
AGGREGATE BASE
INITIAL BACKFILL INDOT #11 CRUSHED LIMESTONE AGGREGATE (SLAG IS NOT PERMITTED)
BEDDING/HAUNCHING INDOT #11 CRUSHED LIMESTONE AGGREGATE (SLAG IS NOT PERMITTED)
SHEETED TRENCH
UNSHEETED TRENCH

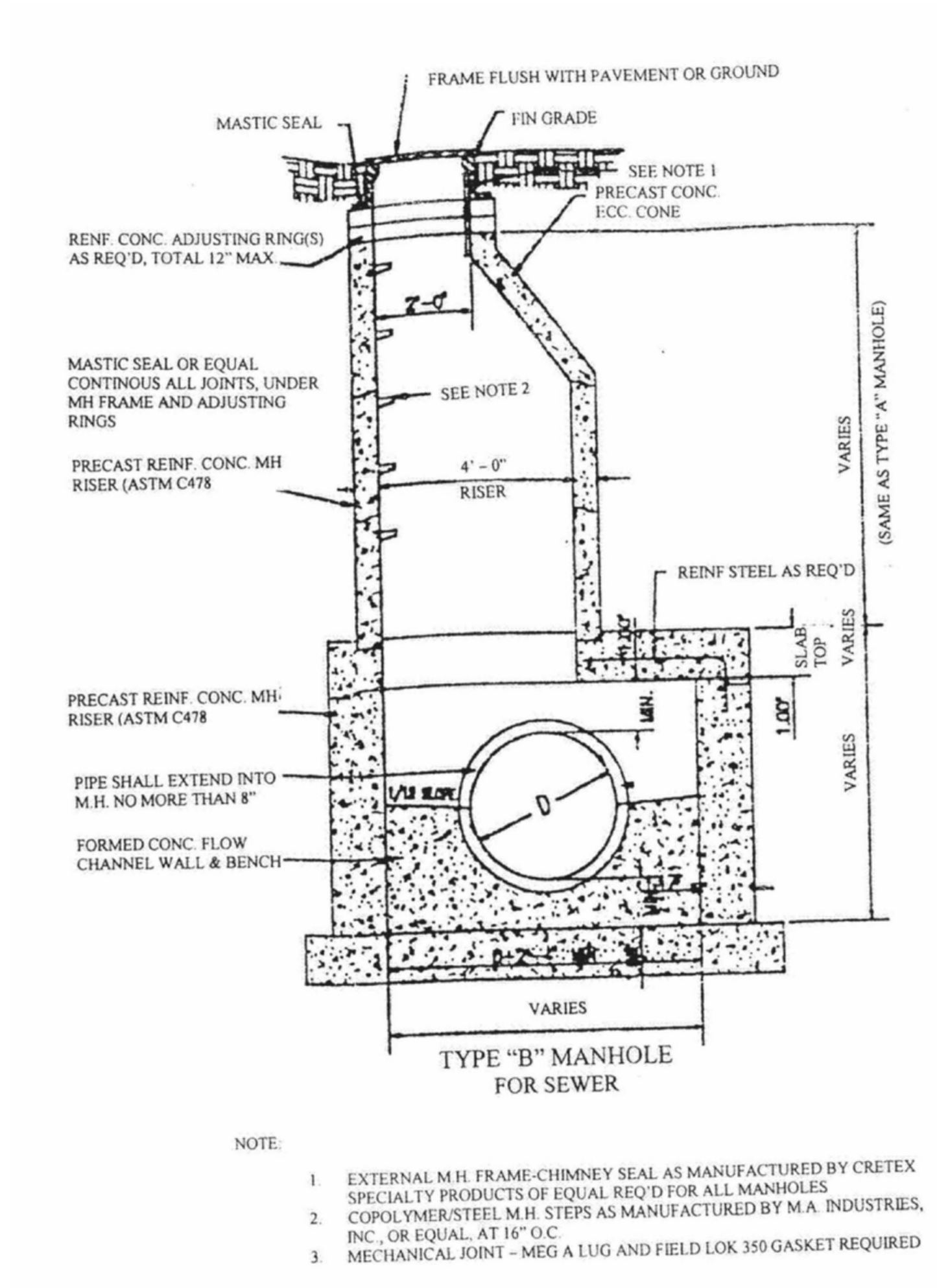
PIPE BEDDING DETAIL
FOR TRENCH IN PAVED AREAS
NOT TO SCALE



PIPE BEDDING DETAIL
FOR TRENCH IN GRASS AREAS
NOT TO SCALE

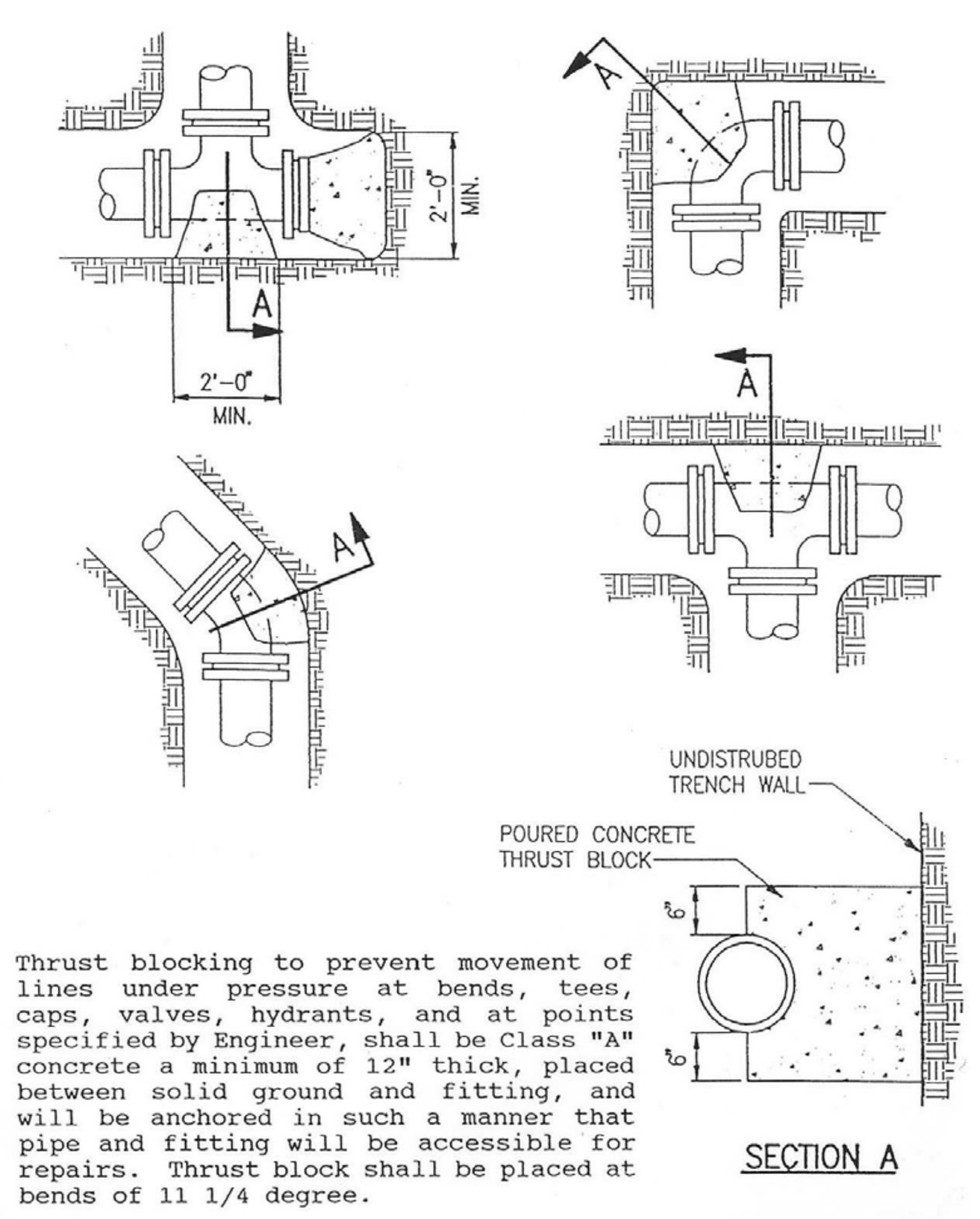


1020M1 GRATE
NOT TO SCALE



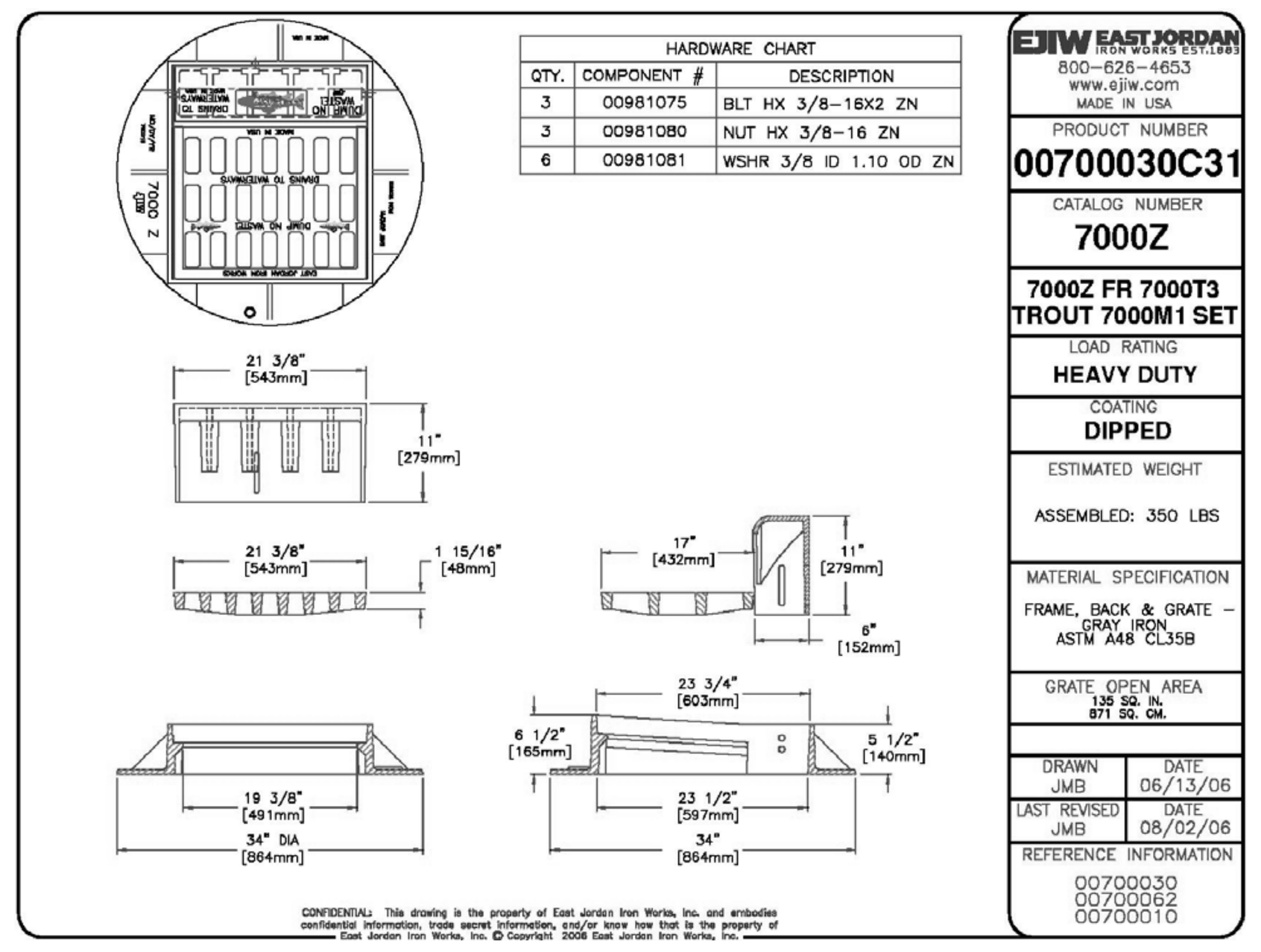
TYPE "B" MANHOLE
NOT TO SCALE

THRUST BLOCK INSTALLATIONS

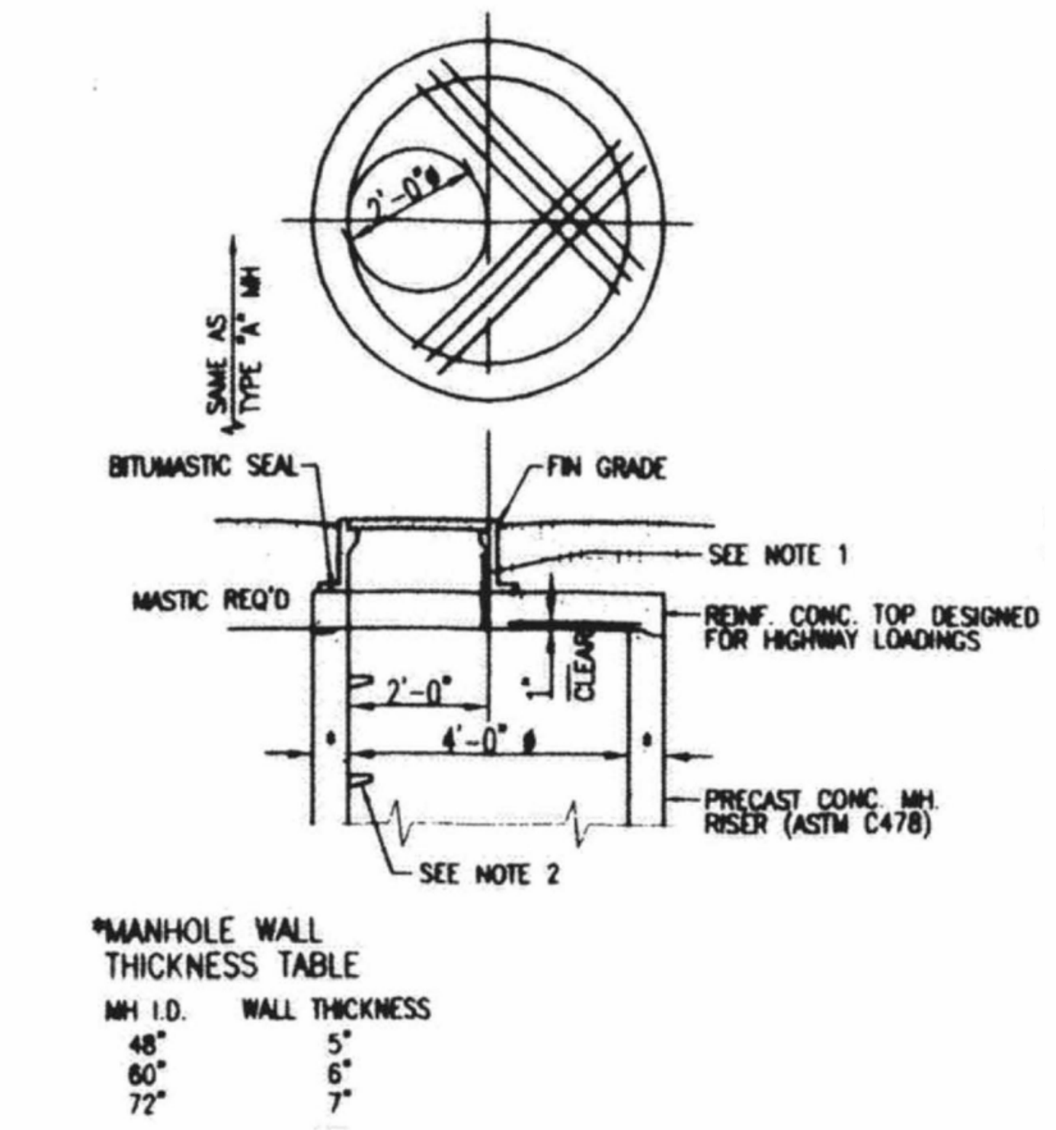


Thrust blocking to prevent movement of lines under pressure at bends, tees, caps, valves, hydrants, and at points specified by Engineer, shall be Class "A" concrete a minimum of 12" thick, placed between solid ground and fitting, and will be anchored in such a manner that pipe and fitting will be accessible for repairs. Thrust block shall be placed at bends of 11 1/4 degree.

THRUST BLOCK DETAILS
NOT TO SCALE



HIGH BACK CATCH BASIN INLET
NOT TO SCALE

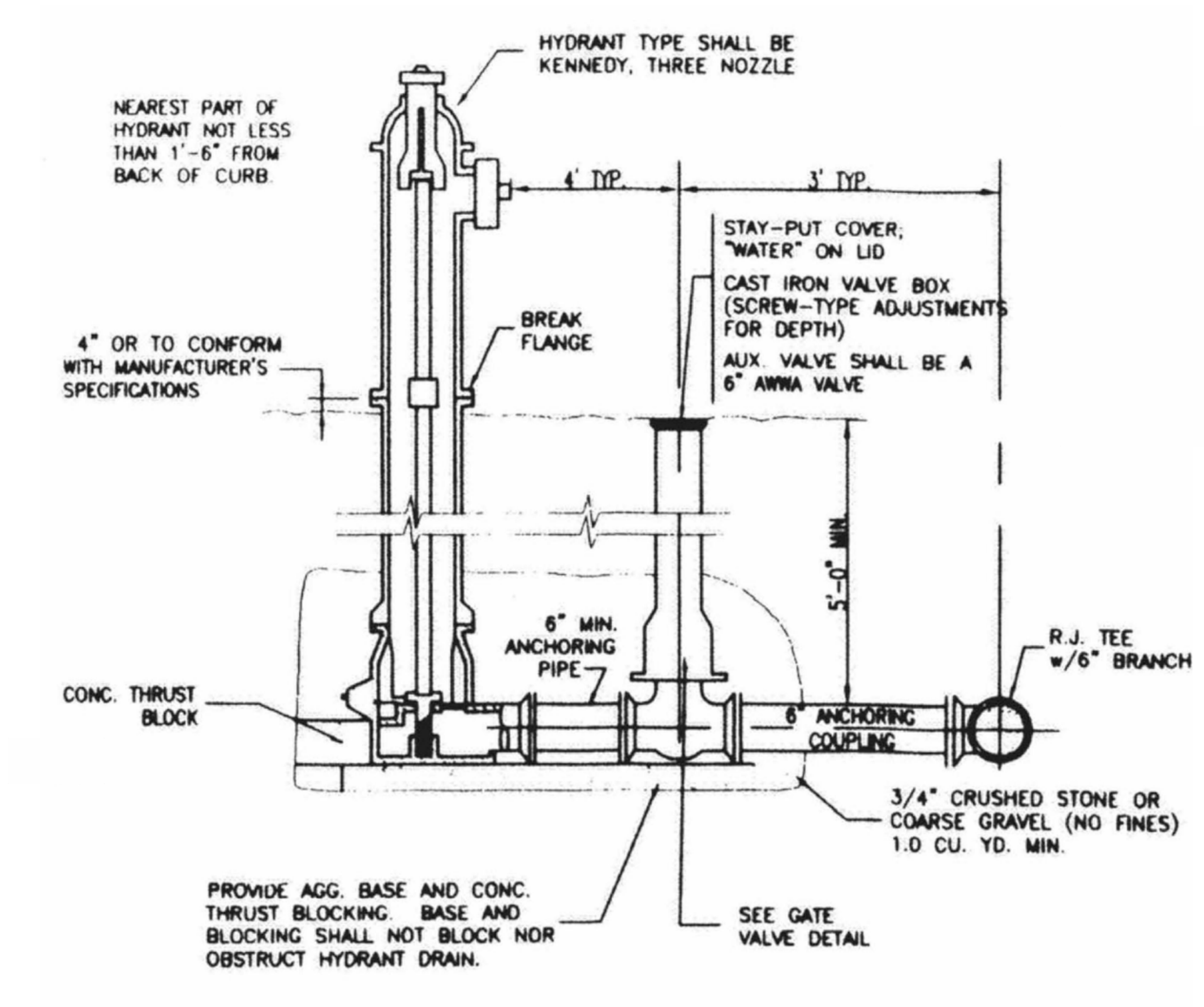


*MANHOLE WALL THICKNESS TABLE

MH I.D.	WALL THICKNESS
48"	5"
60"	6"
72"	7"

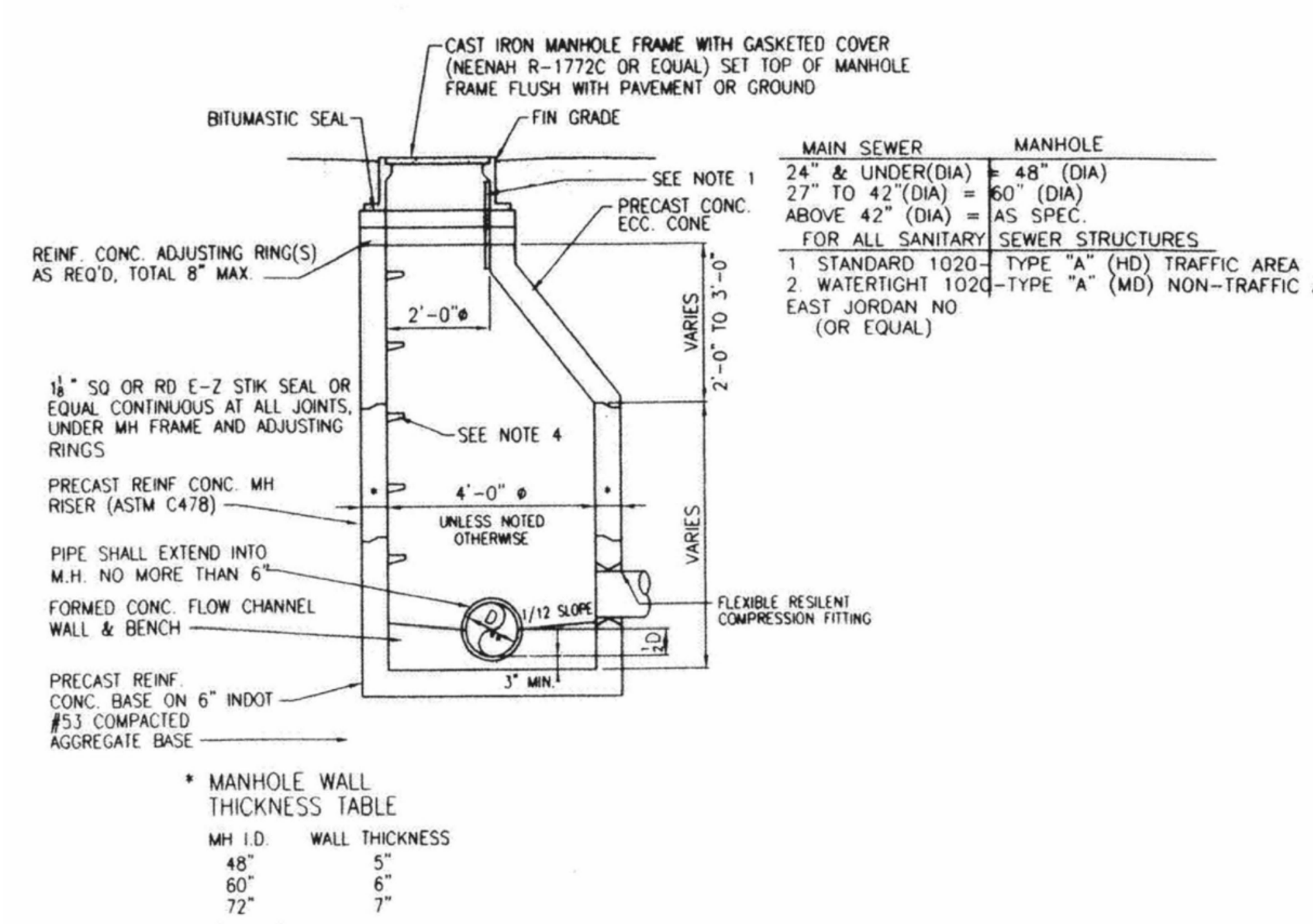
TYPE "C" (FLAT TOP) MANHOLE
USED WHERE RESTRICTED HEAD ROOM
WILL NOT ALLOW FOR TAPERED WALLS
NOTE:
1. EXTERNAL MH FRAME-CHIMNEY SEAL AS MANUFACTURED BY CRETEX SPECIALTY PRODUCTS OR EQUAL REQ'D FOR ALL MANHOLES.
2. COPOLYMER/STEEL MH STEPS AS MANUFACTURED BY M.A. INDUSTRIES, INC., OR EQUAL, AT 16" O.C. (MAX)

TYPE "C" (FLAT TOP) MANHOLE
USED WHERE RESTRICTED HEAD ROOM
WILL NOT ALLOW FOR TAPERED WALLS
NOT TO SCALE



HYDRANT TYPE SHALL BE KENNEDY, THREE NOZZLE
NEAREST PART OF HYDRANT NOT LESS THAN 1'-6" FROM BACK OF CURB
4' TYP.
3' TYP.
STAY-PUT COVER, "WATER" ON LID
CAST IRON VALVE BOX (SCREW-TYPE ADJUSTMENTS FOR DEPTH)
AUX. VALVE SHALL BE A 6" AWWA VALVE
BREAK FLANGE
4" OR TO CONFORM WITH MANUFACTURER'S SPECIFICATIONS
5'-0" MIN.
6" MIN. ANCHORING PIPE
R.J. TEE w/6" BRANCH
CONC. THRUST BLOCK
6" ANCHORING COUPLING
3/4" CRUSHED STONE OR COARSE GRAVEL (NO FINES) 1.0 CU. YD. MIN.
PROVIDE AGG. BASE AND CONC. THRUST BLOCKING. BASE AND BLOCKING SHALL NOT BLOCK NOR OBSTRUCT HYDRANT DRAIN.
SEE GATE VALVE DETAIL

FIRE HYDRANT ASSEMBLY
NOT TO SCALE



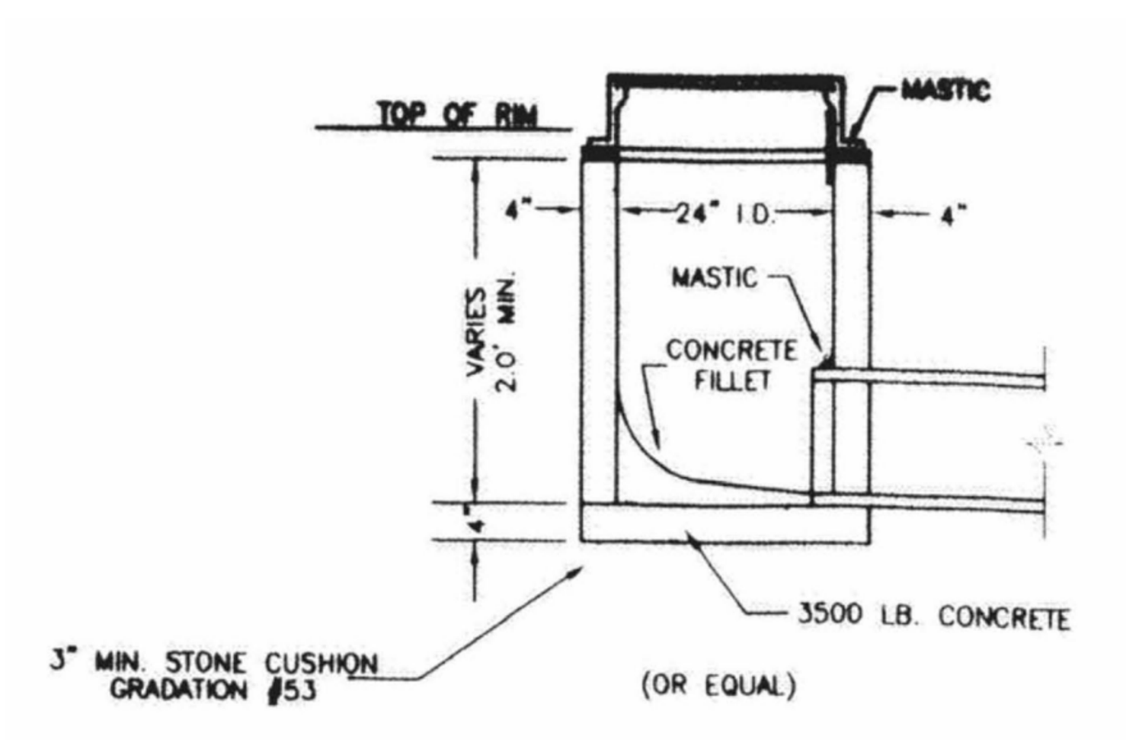
CAST IRON MANHOLE FRAME WITH GASKETED COVER (NEENAH R-1772C OR EQUAL) SET TOP OF MANHOLE FRAME FLUSH WITH PAVEMENT OR GROUND
BITUMASTIC SEAL
FIN GRADE
SEE NOTE 1
PRECAST CONC. ECC. CONE
REINF. CONC. ADJUSTING RING(S) AS REQ'D, TOTAL 8" MAX
SEE NOTE 4
PRECAST REINF. CONC. MH RISER (ASTM C478)
PIPE SHALL EXTEND INTO M.H. NO MORE THAN 6"
FORMED CONC. FLOW CHANNEL WALL & BENCH
PRECAST REINF. CONC. BASE ON 6" INDOT #53 COMPACTED AGGREGATE BASE
MAIN SEWER / MANHOLE
24" & UNDER(DIA) = 48" (DIA)
27" TO 42"(DIA) = 60" (DIA)
ABOVE 42" (DIA) = AS SPEC.
FOR ALL SANITARY SEWER STRUCTURES
1 STANDARD 1020-TYPE "A" (HD) TRAFFIC AREA
2 WATERTIGHT 1020-TYPE "A" (MD) NON-TRAFFIC
EAST JORDAN NO (OR EQUAL)
FLEXIBLE RESILIENT COMPRESSION FITTING

* MANHOLE WALL THICKNESS TABLE

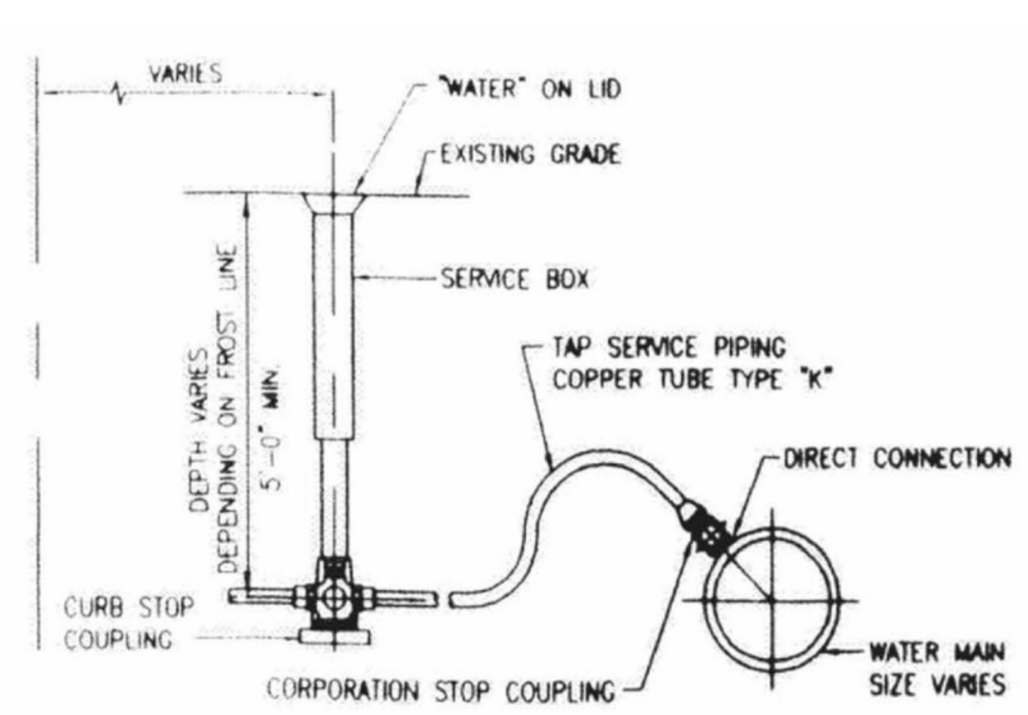
MH I.D.	WALL THICKNESS
48"	5"
60"	6"
72"	7"

TYPE "A" MANHOLE
NOTE:
1. EXTERNAL MH FRAME-CHIMNEY SEAL AS MANUFACTURED BY CRETEX SPECIALTY PRODUCTS OR EQUAL REQ'D FOR ALL MANHOLES.
2. WHERE DEPTH FROM TOP OF CASTING TO INVERT IS LESS THAN 5'-0". USE FLAT TOP MANHOLE TYPE "C" IN LIEU OF ECCENTRIC CONE.
3. WATERTIGHT SEAL IS REQ'D BETWEEN PRECAST RISER AND SEWER PIPE
4. COPOLYMER/STEEL MH STEPS AS MANUFACTURED BY M.A. INDUSTRIES, INC., OR EQUAL, AT 16" O.C. (MAX)
** FOR PIPE SIZE RANGING FROM8" TO 30" IN DIAMETER.

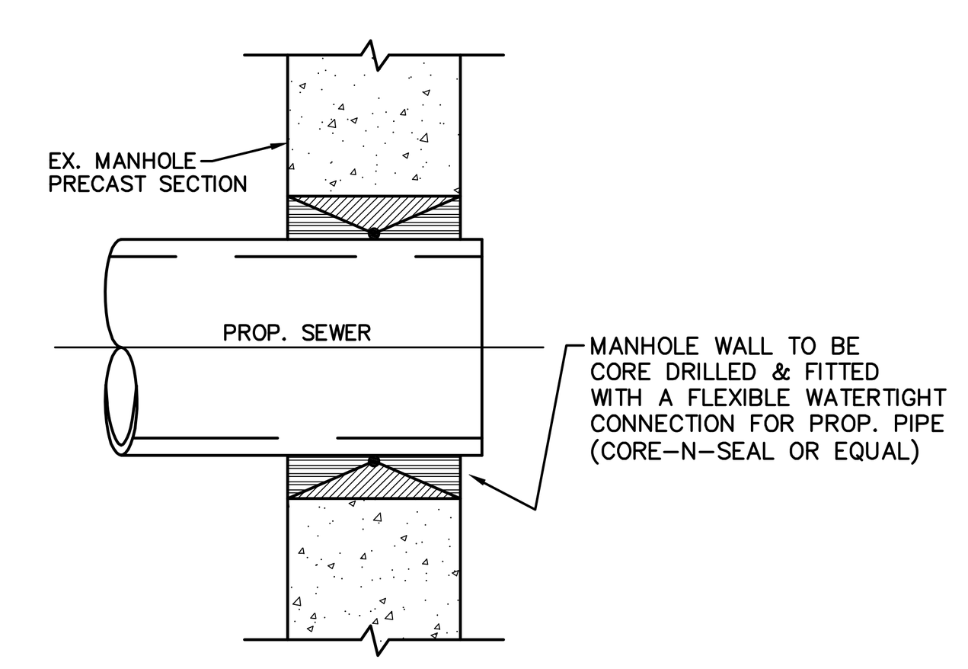
TYPE "A" MANHOLE
NOT TO SCALE



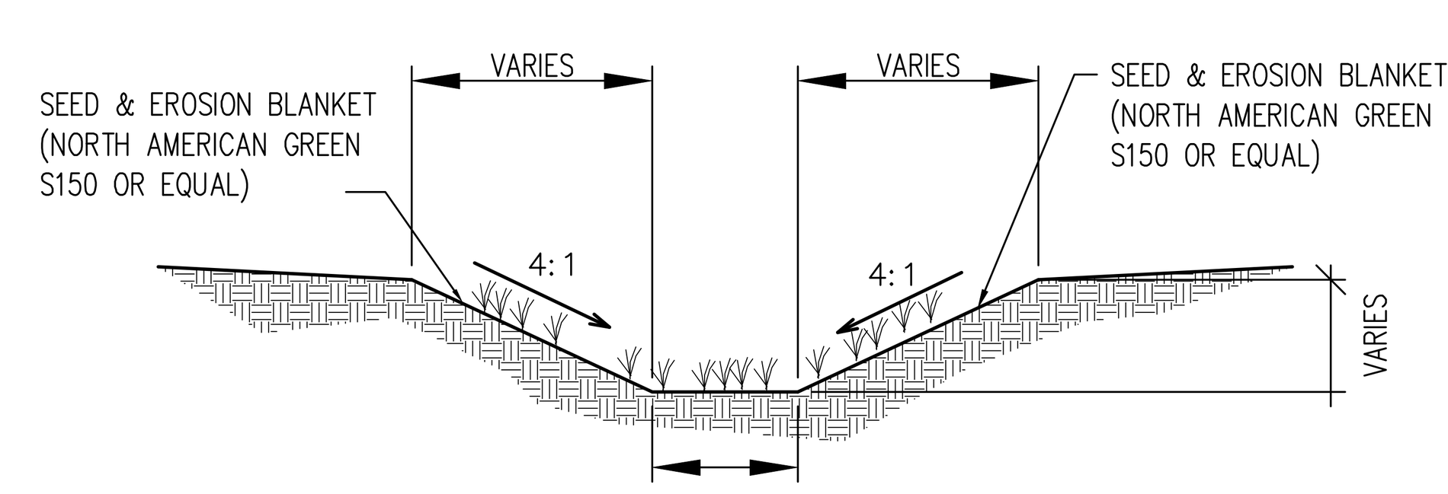
STANDARD INLET
NOT TO SCALE



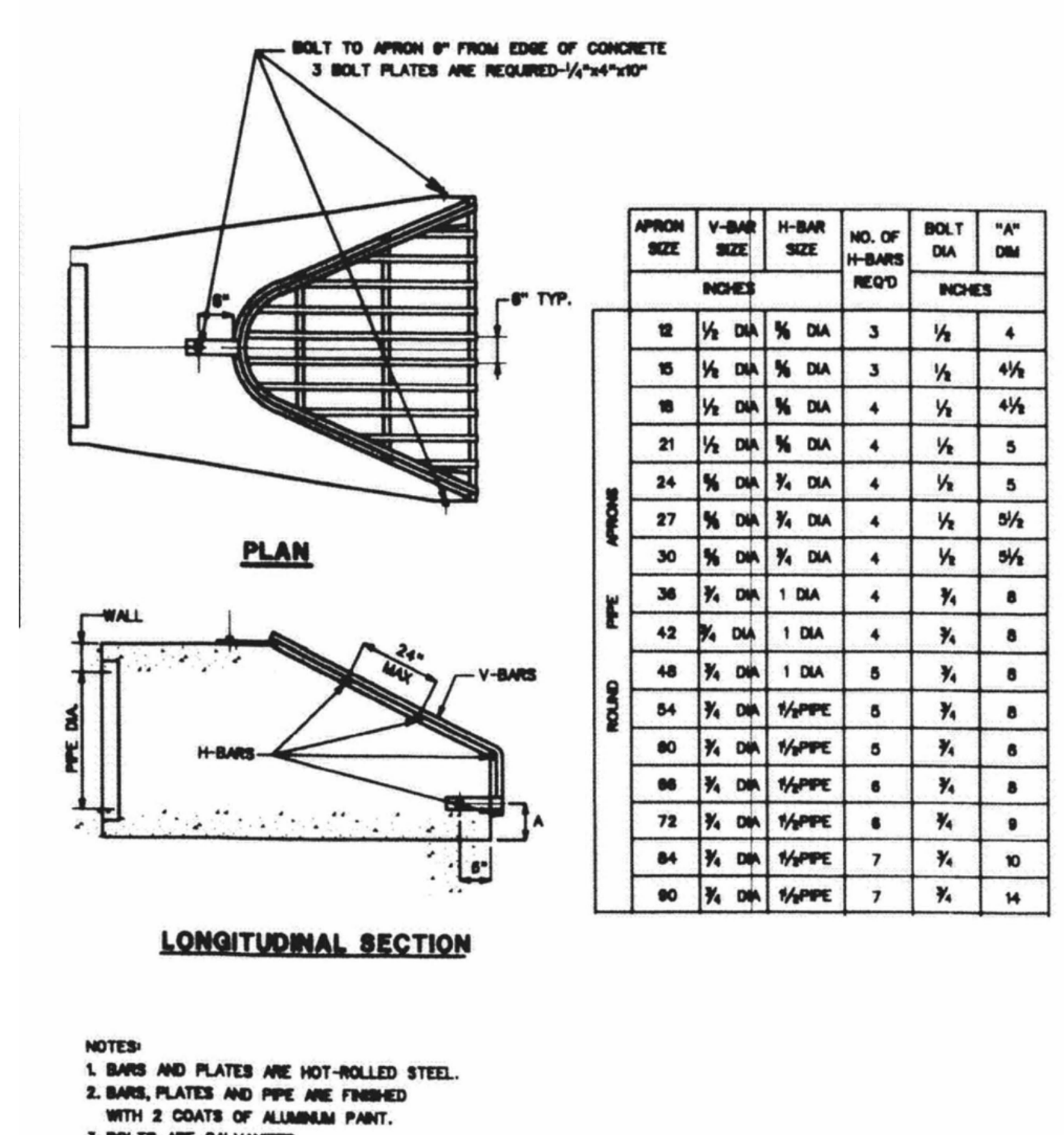
TYPICAL TAP SERVICE PIPING
NOT TO SCALE



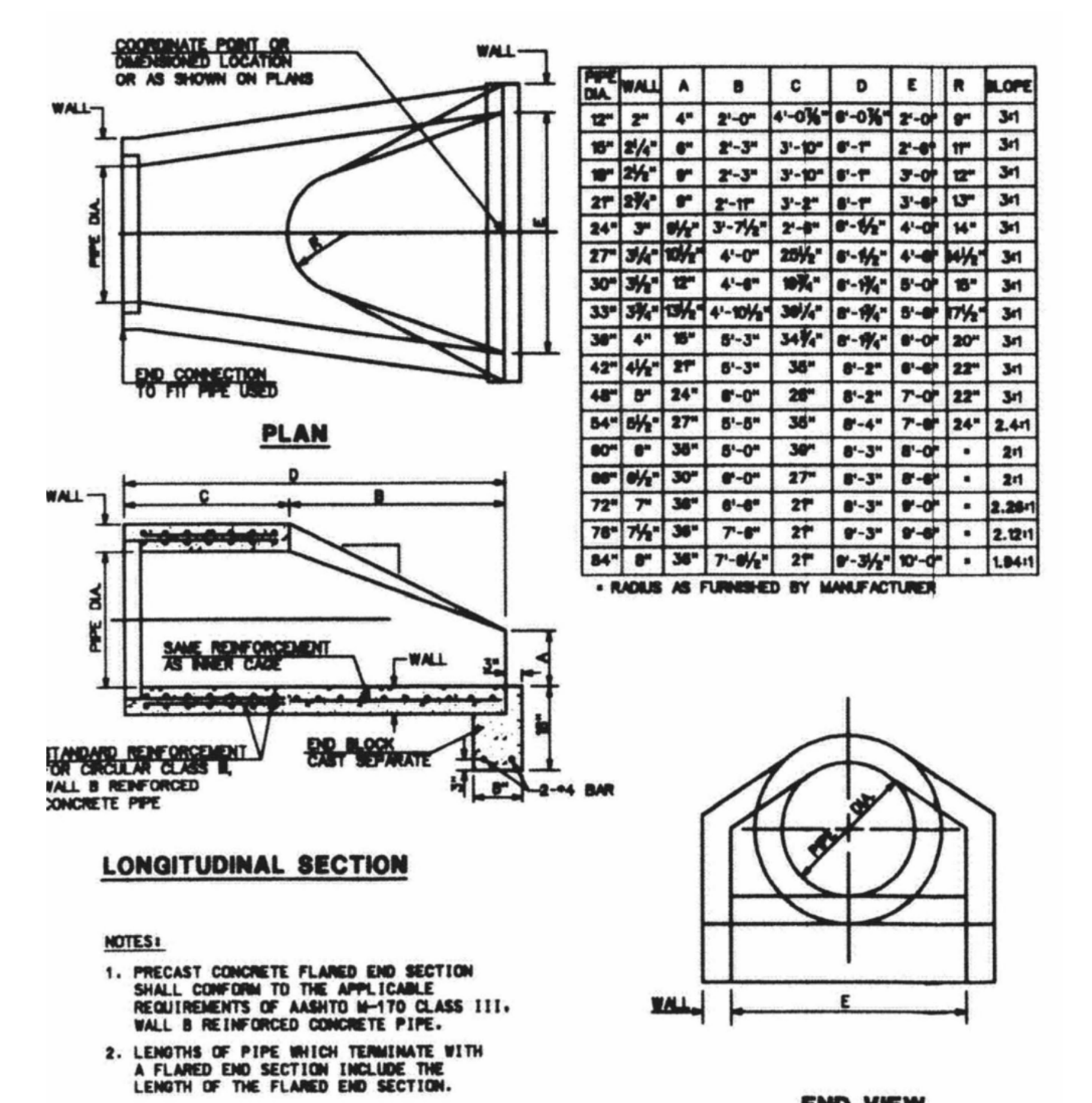
PIPE CONNECTION DETAIL
TO EXISTING MANHOLE
NOT TO SCALE



VEGETATED SWALE DETAIL
NOT TO SCALE



GRATING DETAIL
NOT TO SCALE



PLAN
LONGITUDINAL SECTION
END VIEW
NOTES:
1. PRECAST CONCRETE FLARED END SECTION SHALL CONFORM TO THE APPLICABLE REQUIREMENTS OF AASHTO M-170 CLASS III.
2. LENGTHS OF PIPE WHICH TERMINATE WITH A FLARED END SECTION INCLUDE THE LENGTH OF THE FLARED END SECTION.

PRECAST CONCRETE END SECTION
NOT TO SCALE

GIBRALTAR DESIGN
ARCHITECTURE ENGINEERING INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY DCT
DRAWN BY NM/SP/EM
CHECKED BY DCT

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

REVISIONS

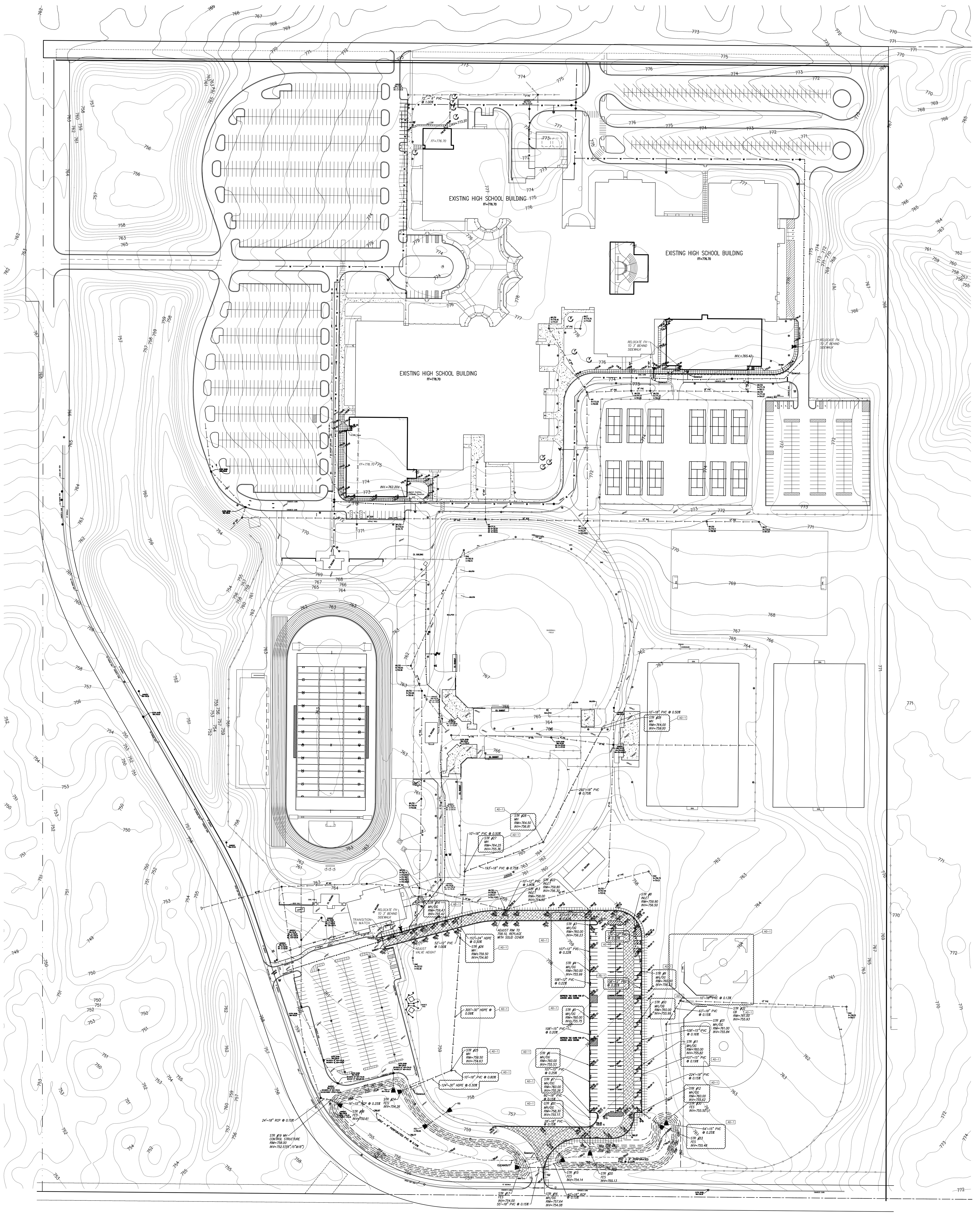
MARK	DATE	ISSUED FOR
AD-1	10-22-21	ADDENDUM NO. 1

DRAWING
DETAILS & SPECIFICATIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
C-4.1

Z:\2021-5031 Crown Point High School\dwg\2021-5031 Details.dwg 10/11/2021 8:47:26 AM CDT



GENERAL NOTES:

1. THIS PROPERTY IS LOCATED IN FLOOD ZONE X (AREAS DETERMINED TO BE OUTSIDE 0.2% ANNUAL CHANCE FLOODPLAIN). THERE ARE NO FLOODWAYS AND FLOODWAY FRINGES ON THIS PROPERTY, AS TAKEN FROM FEMA FLOOD INSURANCE RATE MAPS (FIRM) FOR THE CITY OF CROWN POINT, LAKE COUNTY, INDIANA, MAP NUMBER 18089C0263E.

2. 04040001030040 MAIN BEAVER DAM DITCH – NILES DITCH
07120001130060 LAKE DALECARLIA – CEDAR LAKE

3. STATE OR FEDERAL WATER QUALITY PERMITS ARE REQUIRED FOR THE PROJECT, A NATIONAL POLLUTANT DISCHARGE ELIMINATION SYSTEM (NPDES) IDEM RULE 5 WATER QUALITY PERMIT IS REQUIRED.

4. AT PRESENT THE SITE IS AN EXISTING SCHOOL WITH SURROUNDING PARKING AREAS, PONDS AND SPORTS FIELDS.

5. THERE IS PRESENCE OF HYDRIC SOILS ON THIS PROPERTY, (PC) PEWAMO SILTY CLAY LOAM.

6. THERE ARE NO EXISTING WETLAND AREAS ON THIS PROPERTY BUT DO EXIST ON ADJACENT PROPERTY AS CLASSIFIED BY THE U.S. FISH AND WILDLIFE SERVICE, NATIONAL WETLANDS INVENTORY, AND THE UNITED STATES DEPARTMENT OF THE INTERIOR. THERE ARE NO LAKES OR WATER COURSES BUT A DETENTION POND DOES EXIST ON THIS PROPERTY. MAIN BEAVER DAM DITCH – NILES DITCH IS THE WATER COURSE WHICH THE STORMWATER FROM THE NORTHEAST AREA OF THE PROPOSED SITE WILL ULTIMATELY DISCHARGE INTO, AND LAKE DALECARLIA – CEDAR LAKE IS THE WATER COURSE WHICH THE STORMWATER FROM THE REST OF THE PROPOSED SITE WILL ULTIMATELY DISCHARGE INTO; A TRIBUTARY IS LOCATED ON THE PROJECT SITE.

7. POTENTIAL SOURCE OF STORM WATER DISCHARGE ENTERING THE GROUNDWATER FROM THIS DEVELOPMENT WILL BE THROUGH NATURAL GROUND ABSORPTION ONLY. THERE ARE NO ABANDONED WELLS OR SINKHOLES ON THE PROPERTY.

8. THERE ARE NO SENSITIVE AREAS ASSOCIATED WITH THIS PROPERTY.

9. THERE ARE NO REGULATED DRAINS WITHIN THIS PROPERTY, OR ON ADJACENT PROPERTIES. THERE IS RECORD OR KNOWLEDGE OF EXISTING FARM DRAINS OR FIELD TILE, INLETS AND OUTFALLS LOCATED WITHIN THE EXISTING PROPERTY LIMITS.

10. SOIL STOCKPILES, BORROW AND DISPOSAL AREAS ARE LOCATED WITHIN THE PROJECT SITE. SOIL STOCKPILES SHALL BE SURROUNDED WITH SILT FENCING AT ALL TIMES TO PREVENT EXCESSIVE EROSION, AND IF LEFT UNDISTURBED FOR A PERIOD OF MORE THAN 14 DAYS, IT SHALL BE TEMPORARY SEEDED. UPON SITE COMPLETION THE TOPSOIL STOCKPILE SHALL BE RESPREAD, GRADED, AND PERMANENTLY SEEDED. SOIL STOCKPILES SHALL NOT BE LEFT ON THE SITE FOR GREATER THAN 6 MONTHS AFTER CONSTRUCTION IS COMPLETED. NO SOIL FROM THE STOCKPILES SHALL BE REMOVED FROM THE SITE. ALL EXTRA STOCKPILE MATERIAL SHALL BE RESPREAD IN AREAS DESIGNATED BY THE CONSTRUCTION MANAGER.

11. AREAS WHERE THE PROPOSED DETENTION AREA, BUILDING, AND DRIVES AS WELL AS AREAS WHERE PROPOSED UTILITIES ARE LOCATED WILL BE DISTURBED DURING CONSTRUCTION. IN ALL OTHER AREAS, EXISTING VEGETATIVE COVER WILL BE PRESERVED.

12. FUEL STORAGE AREA IF REQUIRED SHALL BE WITHIN THE CONSTRUCTION STAGING AREA, FUEL SHALL BE STORED IN APPROVED MOBILE REFUELING TANK LOCATED AWAY FROM DRAINAGE STRUCTURES AND CHANNELS. FIRE EXTINGUISHERS SHALL BE LOCATED NEAR FUEL STORAGE AREA AND BE OF SUITABLE TYPE, POSTED, AND BE MAINTAINED IN GOOD CONDITION.

13. TEMPORARY SEED ALL AREAS OF BARE SOIL (WITH THE ADDITION OF A BLANKET WHERE SLOPES ARE 4:1 OR GREATER) THAT WILL REMAIN UNDISTURBED FOR A PERIOD OF MORE THAN 14 DAYS. SEEDING: OPTIMUM SEEDING DATED ARE MARCH 1 – MAY 10 AND AUGUST 10 – SEPTEMBER 30. SEEDING DATES BETWEEN MAY 10 AND AUGUST 10, MAY NEED TO BE IRRIGATED. FOR SEEDING RECOMMENDATIONS SEE PRACTICE 3.12, INDIANA STORM WATER QUALITY MANUAL.

14. ALL SOIL STOCKPILES, AREAS THAT ARE DISTURBED DURING CONSTRUCTION, AND DRAINAGE SWALES WHICH ARE SCHEDULED OR LIKELY TO BE LEFT INACTIVE FOR FOURTEEN (14) CALENDAR DAYS OR MORE MUST BE TEMPORARILY OR PERMANENTLY SEEDED WITH MEASURES APPROPRIATE FOR THE SEASON.

15. LOCATION OF CITY'S STORMWATER PERMIT AND THE ON-SITE POSTING, OF THE COMPLETE RULE 5 NOI WITH ASSIGNED PERMIT NUMBER, NOS LETTERS AND LOCATION OF THE COMPLETE SET OF ENGINEERING PLANS, SHALL BE AVAILABLE AT THE ENTRANCE TO THE SITE AND VISIBLE TO THE PUBLIC.

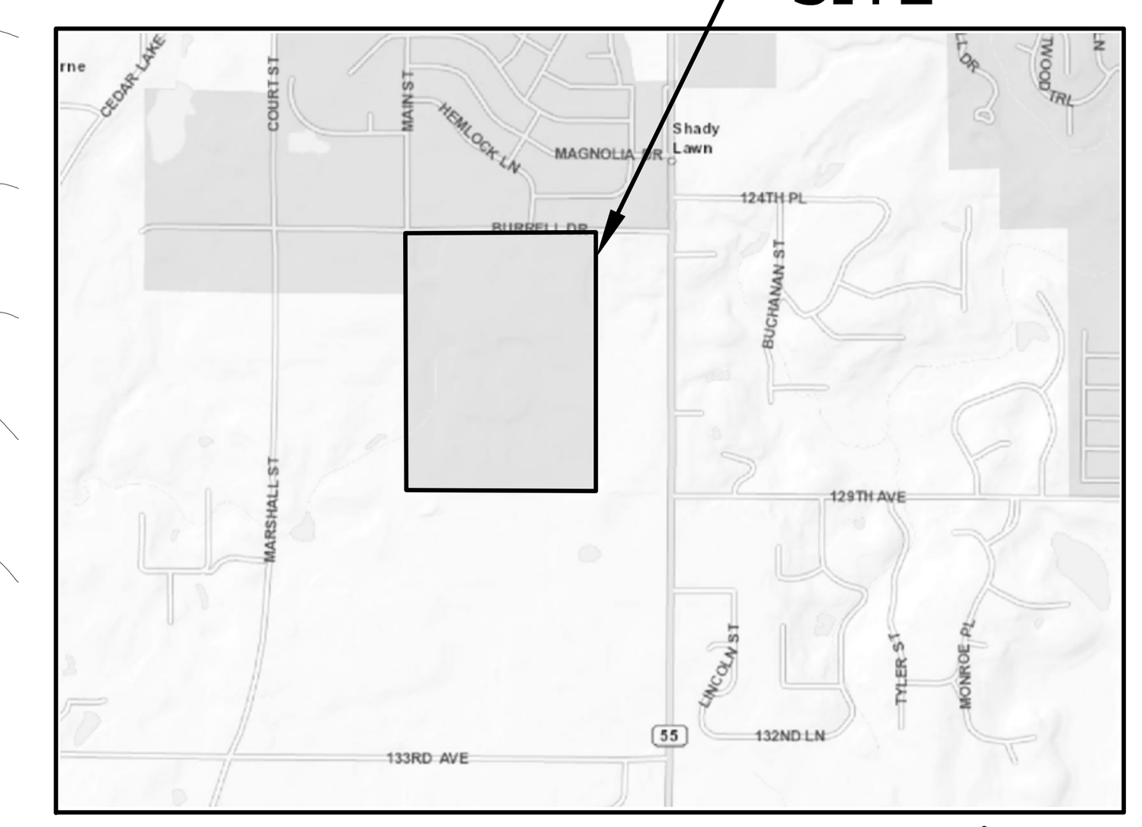
16. ALL APPLICABLE MATERIAL SAFETY DATA SHEETS (MSDS) SHOULD BE INCLUDED ON-SITE FOR MATERIALS EXPECTED POLLUTANTS OF CONCERN FOR THE PROJECT SITE.

17. SITE ELEVATIONS ARE BASED ON NAVD 88, AND HORIZONTAL DATUM IS BASED ON INDIANA STATE PLANE COORDINATES NAD 83.

Temporary stabilization plans and sequence of implementation.

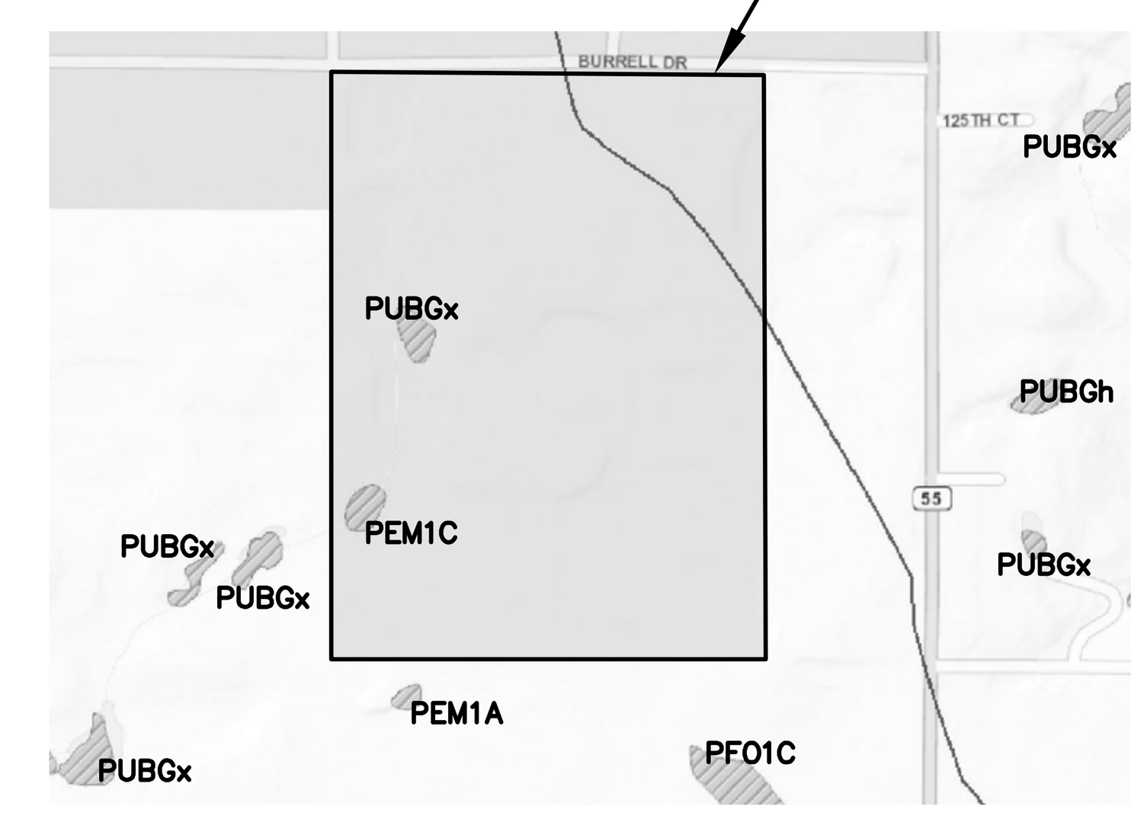
a. On site posting of the complete Rule 5 NOI, NOS letter, and City Stormwater Permit. Location of the posting and plans shall be made available by the owners contractor.
b. Installation of all erosion/sedimentation controls including stabilized construction entrance, silt fences, etc... per the engineering plans.
c. Clearing and grubbing
d. Topsoil stockpile surrounded with silt fencing.
e. Rough cut and fill of all proposed detention area, and other major grading per the engineering plans shall be done to rough grades at the start of construction to prevent excessive soil erosion due to construction.
f. Silt fence to be placed around the perimeter of the detention basin once it has been completed and stabilized.
g. Construction of storm sewers and other utility.
h. Implementation of storm sewer inlet protection at each open-grate structure (basket insert inlet protection, as per engineering plans).
i. Construct buildings and driveway.
j. Upon site completion when no additional disturbance is anticipated stockpile shall be respread, graded, and all disturbed areas shall be permanent seeded, mulched, and landscaped.
k. Complete permanent erosion control and restoration of site vegetation. Erosion control measures are to be removed upon permanent vegetative cover being established. Note the NOI letter will remain active until NOTI letter is filed, weekly inspections and inspections after a 0.5-inch rainfall event shall be required by owner.
l. Submit NOT letter for Rule 5.

SITE



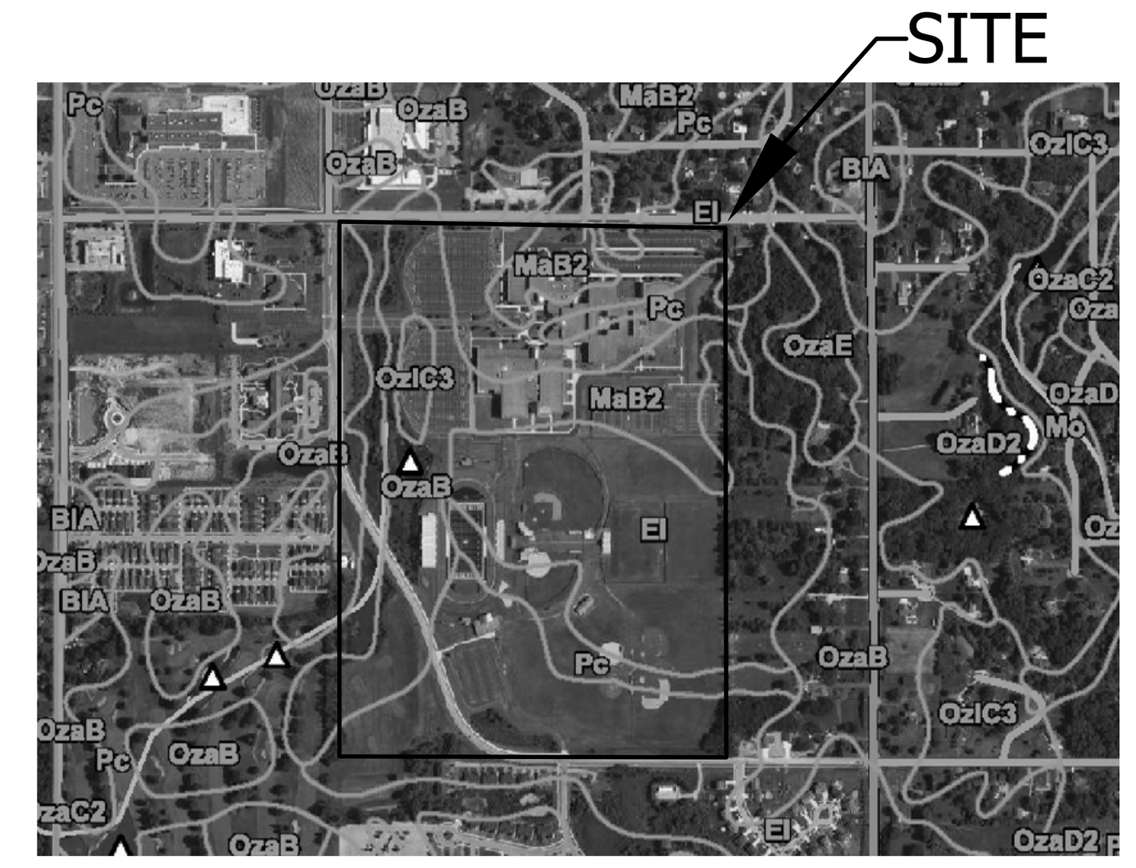
VICINITY MAP
NOT TO SCALE
NORTH

SITE



WETLANDS MAP
NOT TO SCALE
NORTH

SITE



SOIL MAP
NOT TO SCALE
NORTH

MAP UNIT SYMBOL	MAP UNIT NAME
El	ELLIOT SILT LOAM, 0 TO 2 PERCENT SLOPES
MaB2	MARKHAM SILT LOAM, 2 TO 6 PERCENT SLOPES, ERODED
Pc	PEWAMO SILTY CLAY LOAM, CALCAREOUS VARIANT
OzaB	OZAUKEE SILT LOAM, 2 TO 6 PERCENT SLOPES
OzLC3	OZAUKEE SILTY CLAY LOAM, 2 TO 12 PERCENT SLOPES, SEVERELY ERODED

SWPPP LEGEND:

- TEMPORARY ENTRANCE/EXIT (GRAVEL OR MAT)
- SOIL STOCK PILE
- BASKET INSERT INLET PROTECTION
- GRADE LIMITS (SEE NOTE 18)
- SILT FENCE (SEDIMENT FENCE SEE NOTE 17)
- CONCRETE WASH OUT AREA
- POSTING RULE 5 NOI & NOS LETTERS AND LOCAL SWPPP PERMIT
- TEMPORARY SEEDING (SEE NOTE 14)
- CONTOUR (PROPOSED)
- GRADES (PROPOSED)
- ROCK CHUTE
- GRASS LINED CHANNEL
- STREET SWEEPING
- EROSION CONTROL BLANKET

NORTH
GRAPHIC SCALE
100 0 50 100 200 400
(IN FEET)
1 inch = 100 ft.

Z:\2021-5031 Crown Point High School\dwg\2021-5031.dwg 8/5/2021 11:09:04 AM CDT

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

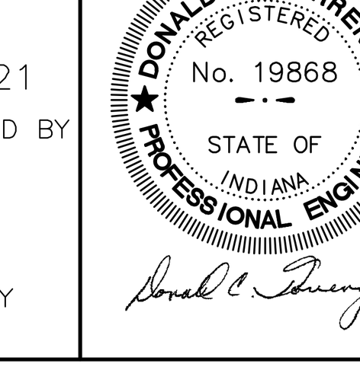
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT
21-111
DATE
10/11/21
COORDINATED BY
DCT
DRAWN BY
DCT/EM
CHECKED BY
DCT



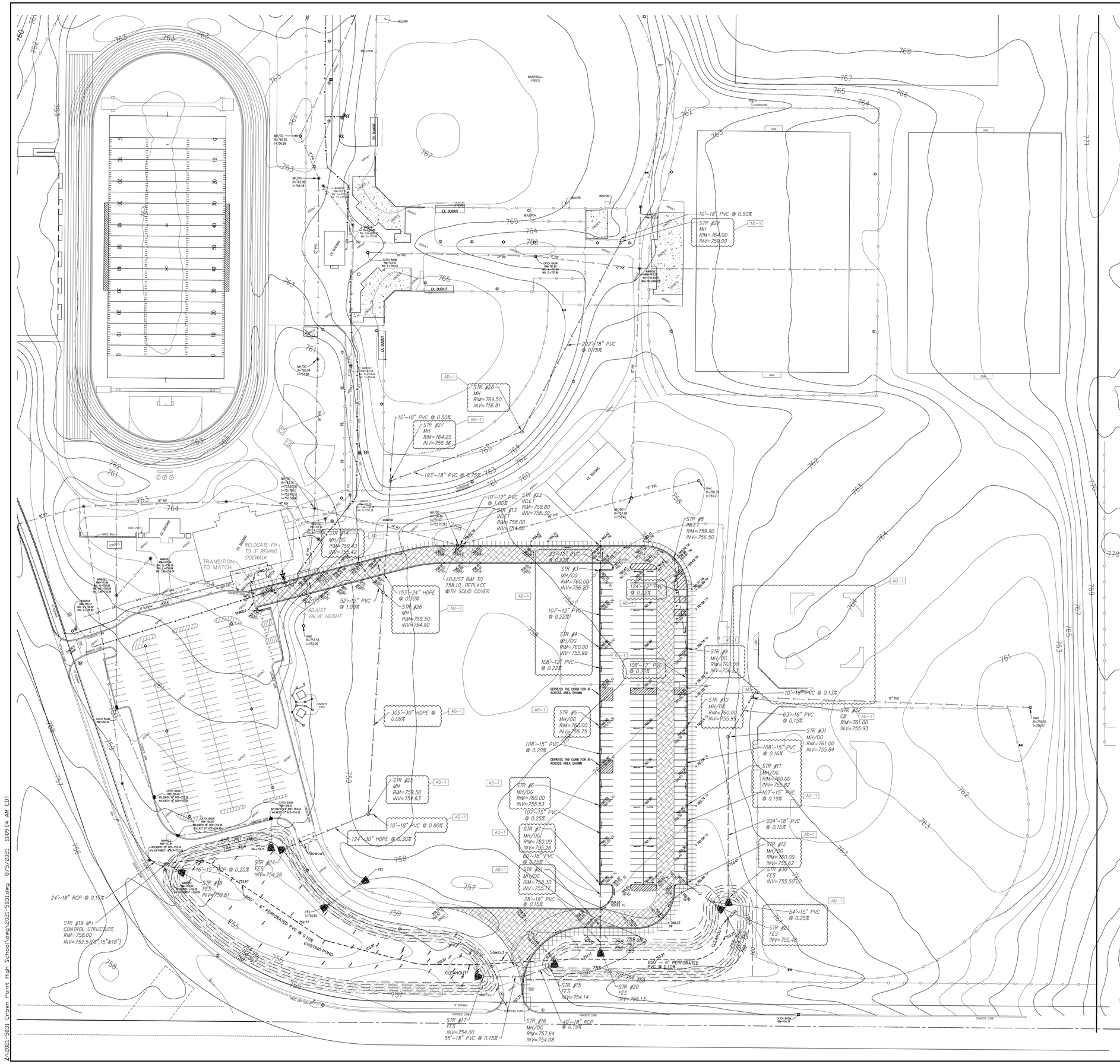
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10-22-21	ADDENDUM NO. 1

DRAWING
MASTER STORM WATER POLLUTION PREVENTION PLAN - CONSTRUCTION

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
C-5.0



SWPPP LEGEND:

- TEMPORARY ENTRANCE/EXIT (GRAVEL OR MAT)
- SOIL STOCK PILE
- BASKET INSERT INLET PROTECTION
- GRADE LIMITS (SEE NOTE 18)
- SILT FENCE (SEDIMENT FENCE SEE NOTE 17)
- CONCRETE WASH OUT AREA
- POSTING RULE 5 NOI & NOS LETTERS AND LOCAL SWPPP PERMIT
- TEMPORARY SEEDING (SEE NOTE 14)
- XXX — CONTOUR (PROPOSED)
- GRADES (PROPOSED)
- ROCK CHUTE
- GRASS LINED CHANNEL
- STREET SWEEPING
- EROSION CONTROL BLANKET

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

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 08/23/21
COORDINATED BY DCT
DRAWN BY DCT/EM
CHECKED BY DCT

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

REVISIONS

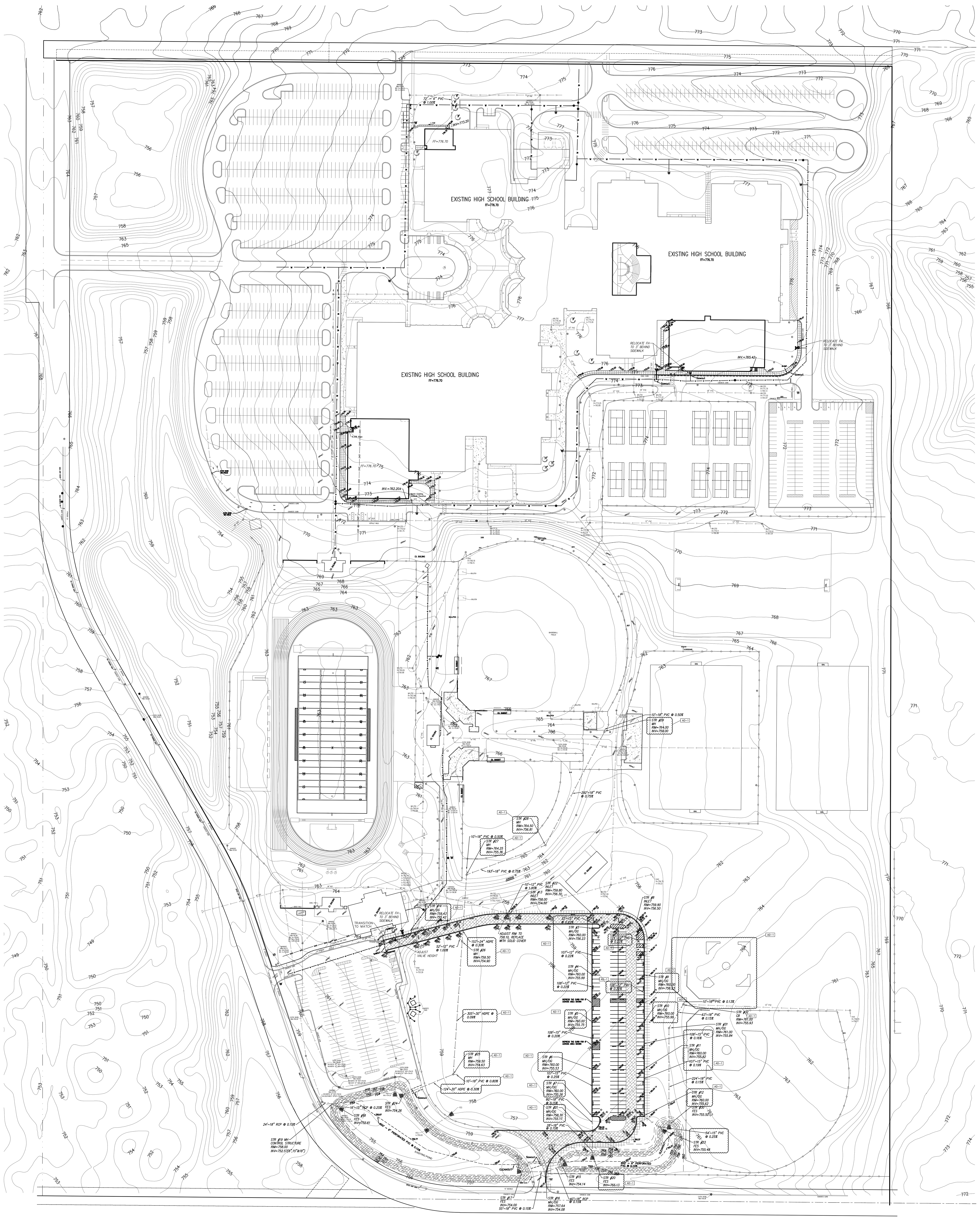
MARK	DATE	ISSUED FOR
AD-1	10-22-21	ADDENDUM NO. 1

DRAWING
STORM WATER POLLUTION PREVENTION PLAN - CONSTRUCTION

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
C-5.1

Z:\2021-5031 Crown Point High School\dwg\2021-5031.dwg 8/5/2021 11:09:04 AM CDT



RESPONSIBLE INDIVIDUAL FOR SWPPP

NAME:	TODD TERRILL, SUPERINTENDENT
BUSINESS:	CROWN POINT COMMUNITY SCHOOL CORPORATION
ADDRESS:	200 EAST NORTH STREET CROWN POINT, INDIANA 46307
PHONE:	(219) 663-3371
FAX:	(219) 662-4304
E-MAIL:	tterrill@cps.k12.in.us

SWPPP LEGEND:

- PERMANENT SEEDING
XXX — CONTOUR (PROPOSED)
x XXX.XX — GRADES (PROPOSED)
- ROCK CHUTE
- EROSION CONTROL BLANKET

NORTH

GRAPHIC SCALE

100 0 50 100 200 400

(IN FEET)
1 inch =100 ft.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

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

PROJECT 21–111
DATE 10/11/21
COORDINATED BY DCT
DRAWN BY DCT/EM
CHECKED BY DCT

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

REVISIONS

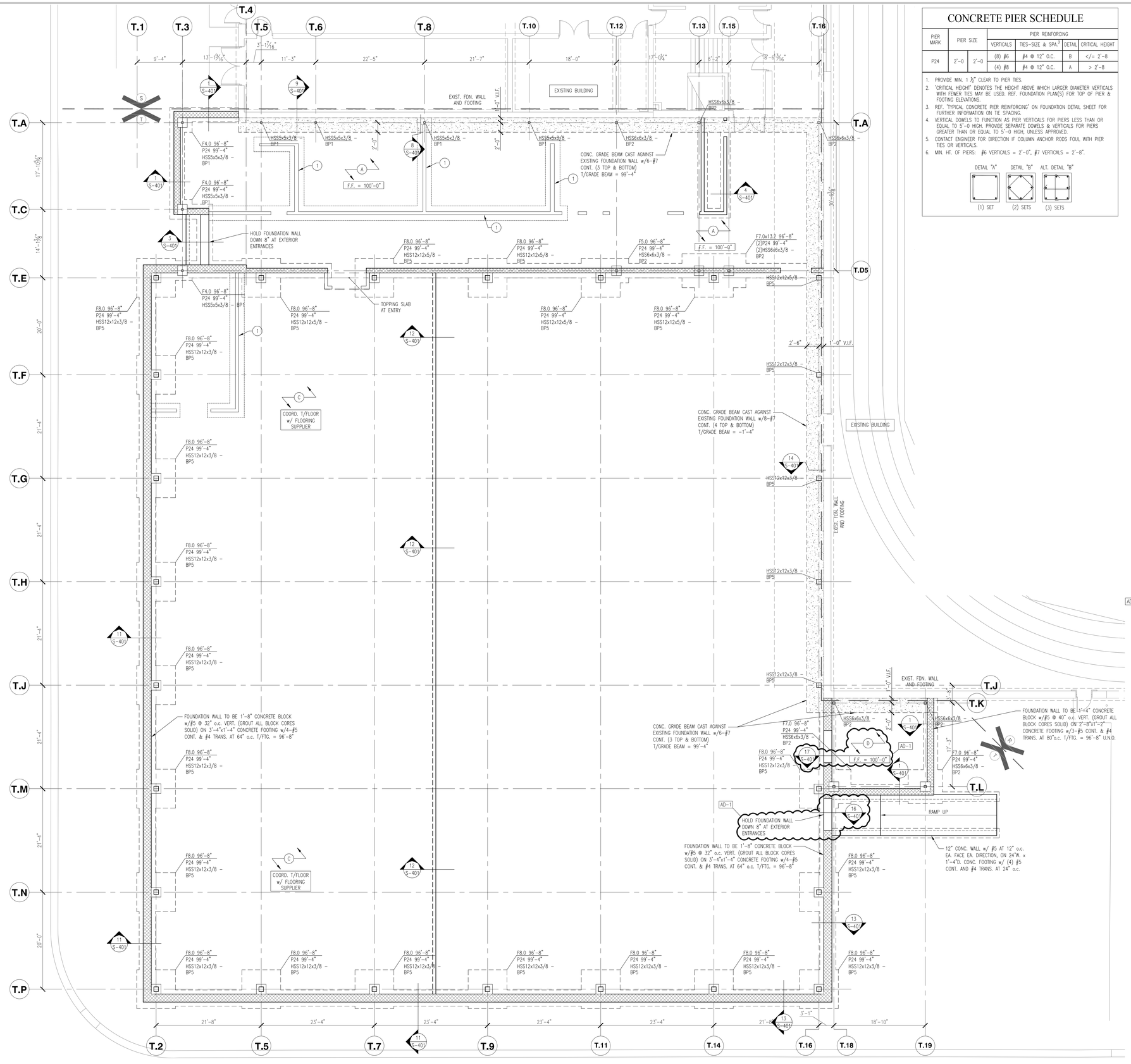
MARK	DATE	ISSUED FOR
AD–1	10–22–21	ADDENDUM NO. 1

DRAWING
STORM WATER POLLUTION PREVENTION PLAN - POST CONSTRUCTION

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
C-5.3

Z:\2021-5031 Crown Point High School\dwg\2021-5031.dwg 8/5/2021 11:09:04 AM CDT



CONCRETE PIER SCHEDULE

PIER MARK	PIER SIZE		PIER REINFORCING			
			VERTICALS	TIES–SIZE & SPA.[3]	DETAIL	CRITICAL HEIGHT
P24	2'–0	2'–0	(8) #6	#4 @ 12" O.C.	B	</= 2'–8
			(4) #8	#4 @ 12" O.C.	A	> 2'–8

1. PROVIDE MIN. 1 ½" CLEAR TO PIER TIES.
2. "CRITICAL HEIGHT" DENOTES THE HEIGHT ABOVE WHICH LARGER DIAMETER VERTICALS WITH FEWER TIES MAY BE USED. REF. FOUNDATION PLAN(S) FOR TOP OF PIER & FOOTING ELEVATIONS.
3. REF. "TYPICAL CONCRETE PIER REINFORCING" ON FOUNDATION DETAIL SHEET FOR FURTHER INFORMATION ON TIE SPACING.
4. VERTICAL DOWELS TO FUNCTION AS PIER VERTICALS FOR PIERS LESS THAN OR EQUAL TO 5'–0 HIGH. PROVIDE SEPARATE DOWELS & VERTICALS FOR PIERS GREATER THAN OR EQUAL TO 5'–0 HIGH, UNLESS APPROVED.
5. CONTACT ENGINEER FOR DIRECTION IF COLUMN ANCHOR RODS FOUL WITH PIER TIES OR VERTICALS.
6. MIN. HT. OF PIERS: #6 VERTICALS = 2'–0", #7 VERTICALS = 2'–8".

DETAIL "A" (1) SET | DETAIL "B" (2) SETS | ALT. DETAIL "B" (3) SETS

FOUNDATION PLAN NOTES

1. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS GREATER THAN 6" WIDE WITHOUT FOOTINGS. REF. T/S–402 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECTURAL FLOOR PLANS.
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 0'–0". REF. SITE/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. EARTH–FORMED FOOTINGS ARE ACCEPTABLE WHERE SOIL CONDITIONS PERMIT (i.e. WHERE THE BANKS OF THE EXCAVATION WILL HOLD WITHOUT CAVING). HOWEVER, THE PLAN DIMENSION OF EARTH–FORMED FOOTINGS MUST BE INCREASED BY 2" ALONG ALL EDGES TO ACCOUNT FOR INACCURACIES ASSOCIATED WITH EARTH–FORMING (i.e. 2'–0" WIDE WALL FOOTINGS SHALL BE 2'–4" WIDE AND 5'–0" SQUARE COLUMN FOOTINGS SHALL BE 5'–4" SQUARE).
7. 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–402.
8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTUAL 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. ALL EXISTING FOUNDATIONS ARE SHOWN GRAPHICALLY BASED ON EXISTING DRAWINGS THAT ARE NOT AVAIL. FOR ALL AREAS. FIELD VERIFY FOUNDATION CONDITIONS. IF FOUNDATION CONDITIONS DIFFER FROM WHAT IS SHOWN, INFORM ARCH/EOR OF FINDINGS.
12. PLAN LEGEND:

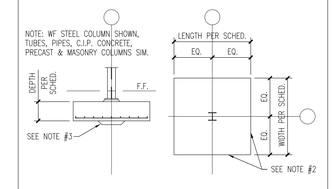
F.F. DENOTES FINISH FLOOR
T/'X' DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.
B/'X' DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.
C.J. DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
WF30 –20'–0 DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (REF. WALL FOOTING SCHEDULE)
DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON SXXX
DENOTES COLUMN SIZE (REF. FRAMING PLANS FOR STUB COL'S NOT ON FDNS) & BASE PLATE MARK (SEE BASE PL. SCHED.)
F5.0 –4'–8" / P24 99'–4" / HSS6x6x3/8 – BP4 — DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (REF. FTG. SCHED.); DENOTES PIER MARK & TOP OF PIER ELEVATION (REF. PIER SCHEDULE); COLUMN FOOTING; CONCRETE PIER; STEEL COLUMN
A — F.F. = SEE PLAN — DENOTES NEW 4" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800–1,000 SF/GAL ON 15 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53 STONE OR EQUAL).
B — F.F. = SEE PLAN — DENOTES NEW 4" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ 2.0 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800–1,000 SF/GAL ON 15 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53 STONE OR EQUAL). TOP OF SLAB AND CONTROL JOINT REQUIREMENTS TO BE COORDINATED w/ "SPORTS FLOOR" SUPPLIER.
C — F.F. = SEE PLAN — DENOTES NEW 5" CONC. SLAB w/ 6x6 W2.1xW2.1 W.W.F. & "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800–1,000 SF/GAL ON 15 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53 STONE OR EQUAL). TOP OF SLAB AND CONTROL JOINT REQUIREMENTS TO BE COORDINATED w/ "WOOD FLOOR SUPPLIER.
AD–1 — D — F.F. = SEE PLAN — DENOTES NEW 6" CONC. SLAB w/ "FIBERFORCE 300" FIBERS @ 2.0 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800–1,000 SF/GAL ON 15 MIL VAPOR BARRIER OVER 6" COMPACTED GRANULAR FILL (NO. 53 STONE OR EQUAL)

COLUMN FOOTING SCHEDULE

FOOTING MARK	FOOTING SIZE WIDTH x LENGTH x DEPTH	REINFORCING (EACH WAY)
F4.0	4'–0 4'–0 1'–2	(4) #5 x 3'–6
F5.0	5'–0 5'–0 1'–2	(5) #5 x 4'–6
F6.0	6'–0 6'–0 1'–2	(6) #5 x 5'–6
F7.0	7'–0 7'–0 1'–2	(7) #5 x 6'–6
F8.0	8'–0 8'–0 1'–4	(7) #6 x 7'–6
F9.0	9'–0 9'–0 1'–6	(8) #6 x 8'–6
F10.0	10'–0 10'–0 1'–8	(8) #7 x 9'–6
F11.0	11'–0 11'–0 1'–10	(9) #7 x 10'–6
F12.0	12'–0 12'–0 2'–0	(11) #7 x 11'–6
F13.0	13'–0 13'–0 2'–2	(10) #8 x 12'–6
F14.0	14'–0 14'–0 2'–4	(11) #8 x 13'–6
F15.0	15'–0 15'–0 2'–4	(13) #8 x 14'–6

NOTES:
1. CENTER FOOTINGS BENEATH COLUMNS, U.N.O.
2. ALL FOOTINGS MUST BE BOARD–FORMED, UNLESS APPROVED.
3. INCREASE FOOTING DEPTH WHERE REQ'D. TO ENCASE COLUMN ANCHOR RODS

NOTE: WF STEEL COLUMN SHOWN, TUBES, PIPES, C.I.P. CONCRETE, PRECAST & MASONRY COLUMNS SIM.



1 Foundation Plan
Scale: 1/8" = 1'-0"

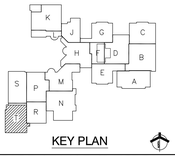
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21–111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

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

REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "T", FOUNDATION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET T S-104

Thursday, 10/21/2021 – 1:20 PM – LAST SAVED BY:NFELLER
F:\2021\21066 CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS\AUTOCAD\S-FP01.DWG

FLOOR FRAMING PLAN NOTES

1. REFER TO SHEET S-001 FOR STRUCTURAL NOTES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. REFER TO ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCH./ENGINEER OF ANY DISCREPANCIES.
4. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND THE ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCH./ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
5. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR ELEVATION 100'-0".
6. SHORE ALL EXISTING CONSTRUCTION AS REQ.'D DURING DEMOLITION AND INSTALLATION OF NEW FRAMING, TYP.
7. FOR EACH NEW ADDITION, LATERAL FORCE RESISTANCE WILL BE ACHIEVED BY DIAGONAL HSS TUBE BRACES PLACED WITHIN THE STUD WALL CAVITY AND/OR HSS TUBE KNEE BRACES LOCATED ABOVE CEILING.
8. AT LOCATIONS WHERE MECHANICAL DUCTWORK PENETRATING THROUGH EXISTING CONCRETE SLAB ON DECK IS BEING REMOVED, PROVIDE NEW INFILL CONC. SLAB w/ WWF ON METAL DECK SUPPORTED BY PERIMETER BENT PLATES. SEE DETAIL 6/S-404.
9. EXISTING TUBE FRAMES IN THIS AREA WILL REQUIRE MODIFICATION TO ACCOMMODATE DEMOLITION AND NEW CONSTRUCTION. REFER TO SECTIONS (ARCHITECTURAL AND STRUCTURAL) FOR ADDITIONAL INFORMATION.
10. EXISTING WALL TO BE REMOVED PER ARCH. DEMO PLANS. PROVIDE NEW KNEE-BRACES AT EXISTING COLUMNS TO STEEL BEAM ABOVE AS SHOWN IN DETAIL 9/S-404.

PLAN LEGEND:

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

DENOTES APPROXIMATE LOCATION OF NEW ROOF OPENING. COORD. EXACT SIZE AND LOCATION (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) WITH APPROPRIATE TRADE. PROVIDE ROOF FRAME PER TYP. DETAILS ON SHEET S-404.

NOTE: EXISTING LOW ROOF FRAMING TO BE REINFORCED ADJACENT TO NEW, HIGHER ROOF FRAMING DUE TO DRIFT LOADING. SEE DETAIL 10/S-404 FOR JOIST REINFORCING.

EXISTING BUILDING

STAIR SUPPLIER TO COORD. w/ MASON FOR GROUTED BLOCK LOCATIONS REQ'D FOR STRINGER ATTACHMENT.

AT CURTAINWALL TYP.

1 Second Floor Framing Plan - Unit A

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

1. S1/STEEL = +114'-11" TYP.-U.N.O.

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE, MISHAWAKA, STATE OF INDIANA, PE10606154, PROFESSIONAL ENGINEER

REVISIONS

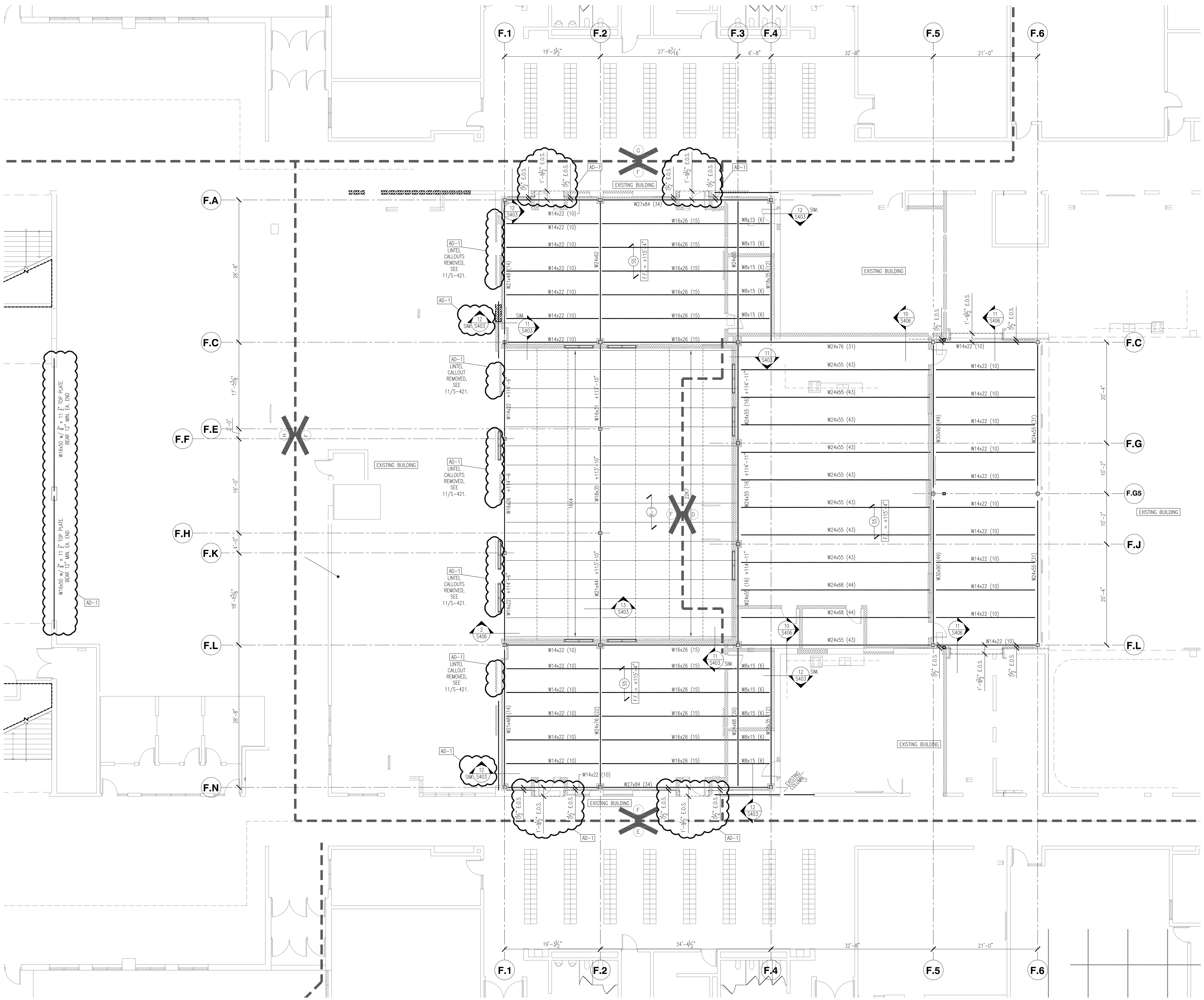
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "A", SECOND FLOOR FRAMING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
A
S-201

Thursday, 10/21/2021 - 1:22 PM - LAST SAVED BY:NFELLER
F:\2021\21066 CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS\AUTOCAD\S-FP02.DWG



1 Second Floor / Low Roof Framing Plan

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

1. T/STEEL = +114'-11" TYP.-U.N.O.

NORTH

FLOOR FRAMING PLAN NOTES

1. REFER TO SHEET S-001 FOR STRUCTURAL NOTES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. REFER TO ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCH./ENGINEER OF ANY DISCREPANCIES.
4. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND THE ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCH./ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
5. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR ELEVATION 100'-0".
6. SHORE ALL EXISTING CONSTRUCTION AS REQ.'D DURING DEMOLITION AND INSTALLATION OF NEW FRAMING, TYP.
7. FOR EACH NEW ADDITION, LATERAL FORCE RESISTANCE WILL BE ACHIEVED BY DIAGONAL HSS TUBE BRACES PLACED WITHIN THE STUD WALL CAVITY AND/OR HSS TUBE KNEE BRACES LOCATED ABOVE CEILING.
8. AT LOCATIONS WHERE MECHANICAL DUCTWORK PENETRATING THORUGH EXISTING CONCRETE SLAB ON DECK IS BEING REMOVED, PROVIDE NEW INFILL CONC. SLAB w/ WWF ON METAL DECK SUPPORTED BY PERIMETER BENT PLATES. SEE DETAIL 6/S-404.
9. EXISTING TUBE FRAMES IN THIS AREA WILL REQUIRE MODIFICATION TO ACCOMMODATE DEMOLITION AND NEW CONSTRUCTION. REFER TO SECTIONS (ARCHITECTURAL AND STRUCTURAL) FOR ADDITIONAL INFORMATION.
10. EXISTING WALL TO BE REMOVED PER ARCH. DEMO PLANS. PROVIDE NEW KNEE-BRACES AT EXISTING COLUMNS TO STEEL BEAM ABOVE AS SHOWN IN DETAIL 9/S-404.

PLAN LEGEND:

Symbol	Description
S5 / F.F. = SEE PLAN	DENOTES 3" NORMAL WEIGHT CONC. SLAB w/6x6-W2.9xW2.9 W.W.F. ON 2", 18 GA. COMPOSITE FLOOR DECK. TOTAL THICKNESS = 5".
☒	DENOTES APPROXIMATE LOCATION OF NEW ROOF OPENING. COORD. EXACT SIZE AND LOCATION (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) WITH APPROPRIATE TRADE. PROVIDE ROOF FRAME PER TYP. DETAILS ON SHEET S-404.

ROOF FRAMING PLAN NOTES

1. REFER TO SHEET S-001 FOR STRUCTURAL NOTES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. REFER TO ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCH./ENGINEER OF ANY DISCREPANCIES.
4. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND THE ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCH./ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
5. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR ELEVATION 100'-0".
6. SHORE ALL EXISTING CONSTRUCTION AS REQ.'D DURING DEMOLITION AND INSTALLATION OF NEW FRAMING, TYP.
7. FOR EACH NEW ADDITION, LATERAL FORCE RESISTANCE WILL BE ACHIEVED BY DIAGONAL HSS TUBE BRACES PLACED WITHIN THE STUD WALL CAVITY AND/OR HSS TUBE KNEE BRACES LOCATED ABOVE CEILING.
8. DENOTES NEW ALUMINUM SUN SHADE. SEE S-411 FOR ALUM. ATTACHMENT DETAILS.
9. EXISTING TUBE FRAMES IN THIS AREA WILL REQUIRE MODIFICATION TO ACCOMMODATE DEMOLITION AND NEW CONSTRUCTION. REFER TO SECTIONS (ARCHITECTURAL AND STRUCTURAL) FOR ADDITIONAL INFORMATION.

PLAN LEGEND:

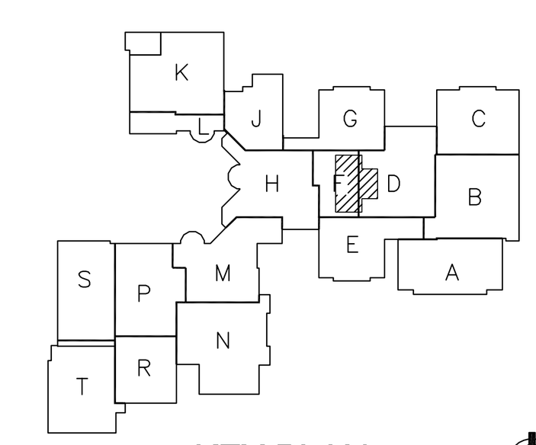
Symbol	Description
R-1	DENOTES 1 ½", 20 GA. WIDE-RIB METAL ROOF DECK, PRIME PAINTED ONLY.
A	DENOTES 2", 20 GA. ACOUSTIC DOVETAIL SHAPED ROOF DECK (Versa-Dek 2.0 S ES Acoustical OR EQUIV.) REFER TO 11/S-404 FOR TREATMENT REQUIREMENTS.
☒	DENOTES APPROXIMATE LOCATION OF NEW ROOF OPENING. COORD. EXACT SIZE AND LOCATION (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) WITH APPROPRIATE TRADE. PROVIDE ROOF FRAME PER TYP. DETAILS ON SHEET S-404.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "F", SECOND FLOOR / LOW ROOF FRAMING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

F

SHEET S-202

ROOF FRAMING PLAN NOTES

1. REFER TO SHEET S-001 FOR STRUCTURAL NOTES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. REFER TO ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCH./ENGINEER OF ANY DISCREPANCIES.
4. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND THE ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCH./ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
5. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR ELEVATION 100'-0".
6. SHORE ALL EXISTING CONSTRUCTION AS REQ.'D DURING DEMOLITION AND INSTALLATION OF NEW FRAMING, TYP.
7. FOR EACH NEW ADDITION, LATERAL FORCE RESISTANCE WILL BE ACHIEVED BY DIAGONAL HSS TUBE BRACES PLACED WITHIN THE STUD WALL CAVITY AND/OR HSS TUBE KNEE BRACES LOCATED ABOVE CEILING.
8. DENOTES NEW ALUMINUM SUN SHADE. SEE S-411 FOR ALUM. ATTACHMENT DETAILS.
9. EXISTING TUBE FRAMES IN THIS AREA WILL REQUIRE MODIFICATION TO ACCOMMODATE DEMOLITION AND NEW CONSTRUCTION. REFER TO SECTIONS (ARCHITECTURAL AND STRUCTURAL) FOR ADDITIONAL INFORMATION.

PLAN LEGEND:

R-1 — DENOTES 1 1/2", 20 GA. WIDE-RIB METAL ROOF DECK, PRIME PAINTED ONLY.

A — DENOTES 2", 20 GA. ACOUSTIC DOVETAIL SHAPED ROOF DECK (Versa-Dek 2.0 S ES Acoustical OR EQUIV.) REFER TO 11/S-404 FOR TREATMENT REQUIREMENTS.

DENOTES APPROXIMATE LOCATION OF NEW ROOF OPENING. COORD. EXACT SIZE AND LOCATION (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) WITH APPROPRIATE TRADE. PROVIDE ROOF FRAME PER TYP. DETAILS ON SHEET S-404.

FLOOR FRAMING PLAN NOTES

1. REFER TO SHEET S-001 FOR STRUCTURAL NOTES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. REFER TO ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCH./ENGINEER OF ANY DISCREPANCIES.
4. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND THE ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCH./ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
5. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR ELEVATION 100'-0".
6. SHORE ALL EXISTING CONSTRUCTION AS REQ.'D DURING DEMOLITION AND INSTALLATION OF NEW FRAMING, TYP.
7. FOR EACH NEW ADDITION, LATERAL FORCE RESISTANCE WILL BE ACHIEVED BY DIAGONAL HSS TUBE BRACES PLACED WITHIN THE STUD WALL CAVITY AND/OR HSS TUBE KNEE BRACES LOCATED ABOVE CEILING.
8. AT LOCATIONS WHERE MECHANICAL DUCTWORK PENETRATING THORUGH EXISTING CONCRETE SLAB ON DECK IS BEING REMOVED, PROVIDE NEW INFILL CONC. SLAB w/ WWF ON METAL DECK SUPPORTED BY PERIMETER BENT PLATES. SEE DETAIL 6/S-404.
9. EXISTING TUBE FRAMES IN THIS AREA WILL REQUIRE MODIFICATION TO ACCOMMODATE DEMOLITION AND NEW CONSTRUCTION. REFER TO SECTIONS (ARCHITECTURAL AND STRUCTURAL) FOR ADDITIONAL INFORMATION.
10. EXISTING WALL TO BE REMOVED PER ARCH. DEMO PLANS. PROVIDE NEW KNEE-BRACES AT EXISTING COLUMNS TO STEEL BEAM ABOVE AS SHOWN IN DETAIL 9/S-404. REPAIR CONC. SLAB AS REQ'D AFTER REMOVAL OF WALL.

PLAN LEGEND:

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

F.F. = SEE PLAN

DENOTES APPROXIMATE LOCATION OF NEW ROOF OPENING. COORD. EXACT SIZE AND LOCATION (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) WITH APPROPRIATE TRADE. PROVIDE ROOF FRAME PER TYP. DETAILS ON SHEET S-404.

1 Roof Framing Plan - Unit A
Scale: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLOSE — NOT VALID UNLESS SIGNED — PE10606154 — STATE OF INDIANA — REGISTERED PROFESSIONAL ENGINEER

REVISIONS

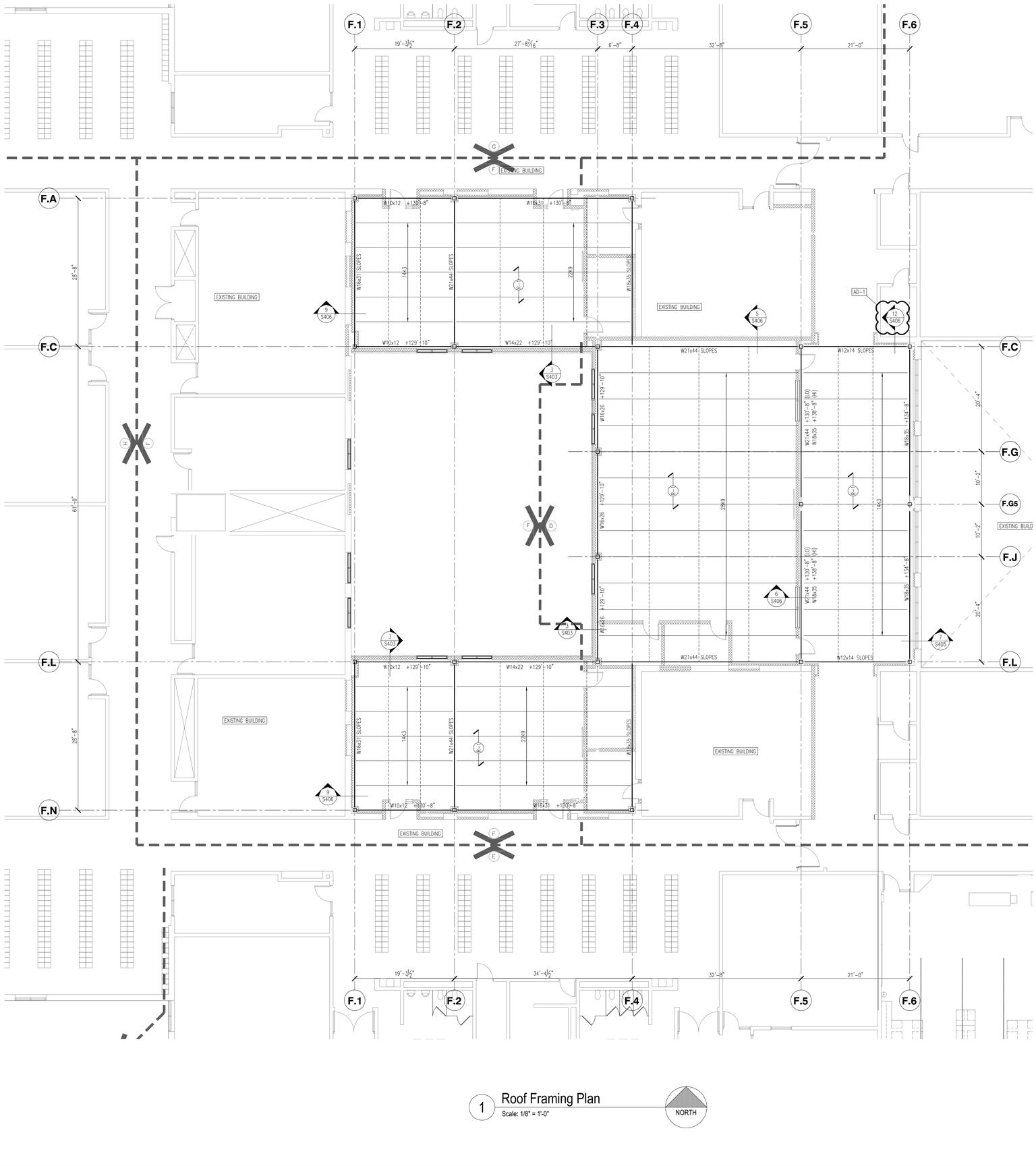
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "A", ROOF FRAMING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
A
S-204

Thursday, 10/21/2021 - 1:28 PM - LAST SAVED BY:NFELLER
F:\2021\2166 CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS\AUTOCAD\S-FFP03.DWG



1 Roof Framing Plan
Scale: 1/8" = 1'-0"

NORTH

ROOF FRAMING PLAN NOTES

1. REFER TO SHEET S-001 FOR STRUCTURAL NOTES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. REFER TO ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCH./ENGINEER OF ANY DISCREPANCIES.
4. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND THE ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCH./ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
5. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR ELEVATION 100'-0".
6. SHORE ALL EXISTING CONSTRUCTION AS REQ.'D DURING DEMOLITION AND INSTALLATION OF NEW FRAMING, TYP.
7. FOR EACH NEW ADDITION, LATERAL FORCE RESISTANCE WILL BE ACHIEVED BY DIAGONAL HSS TUBE BRACES PLACED WITHIN THE STUD WALL CAVITY AND/OR HSS TUBE KNEE BRACES LOCATED ABOVE CEILING.
8. DENOTES NEW ALUMINUM SUN SHADE. SEE S-411 FOR ALUM. ATTACHMENT DETAILS.
9. EXISTING TUBE FRAMES IN THIS AREA WILL REQUIRE MODIFICATION TO ACCOMMODATE DEMOLITION AND NEW CONSTRUCTION. REFER TO SECTIONS (ARCHITECTURAL AND STRUCTURAL) FOR ADDITIONAL INFORMATION.

PLAN LEGEND:

- DENOTES 1 ½", 20 GA. WIDE-RIB METAL ROOF DECK, PRIME PAINTED ONLY.
- DENOTES 2", 20 GA. ACOUSTIC DOVETAIL SHAPED ROOF DECK (Verso-Dek 2.0 S ES Acoustical OR EQUIV.) REFER TO 11/S-404 FOR TREATMENT REQUIREMENTS.
- DENOTES APPROXIMATE LOCATION OF NEW ROOF OPENING. COORD. EXACT SIZE AND LOCATION (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) WITH APPROPRIATE TRADE. PROVIDE ROOF FRAME PER TYP. DETAILS ON SHEET S-404.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLOSE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "F", ROOF FRAMING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
F
S-205

Thursday, 10/21/2021 - 1:29 PM - LAST SAVED BY:NFELLER
F:\2021\21066 CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS\AUTOCAD\S-FP03.DWG

ROOF FRAMING PLAN NOTES

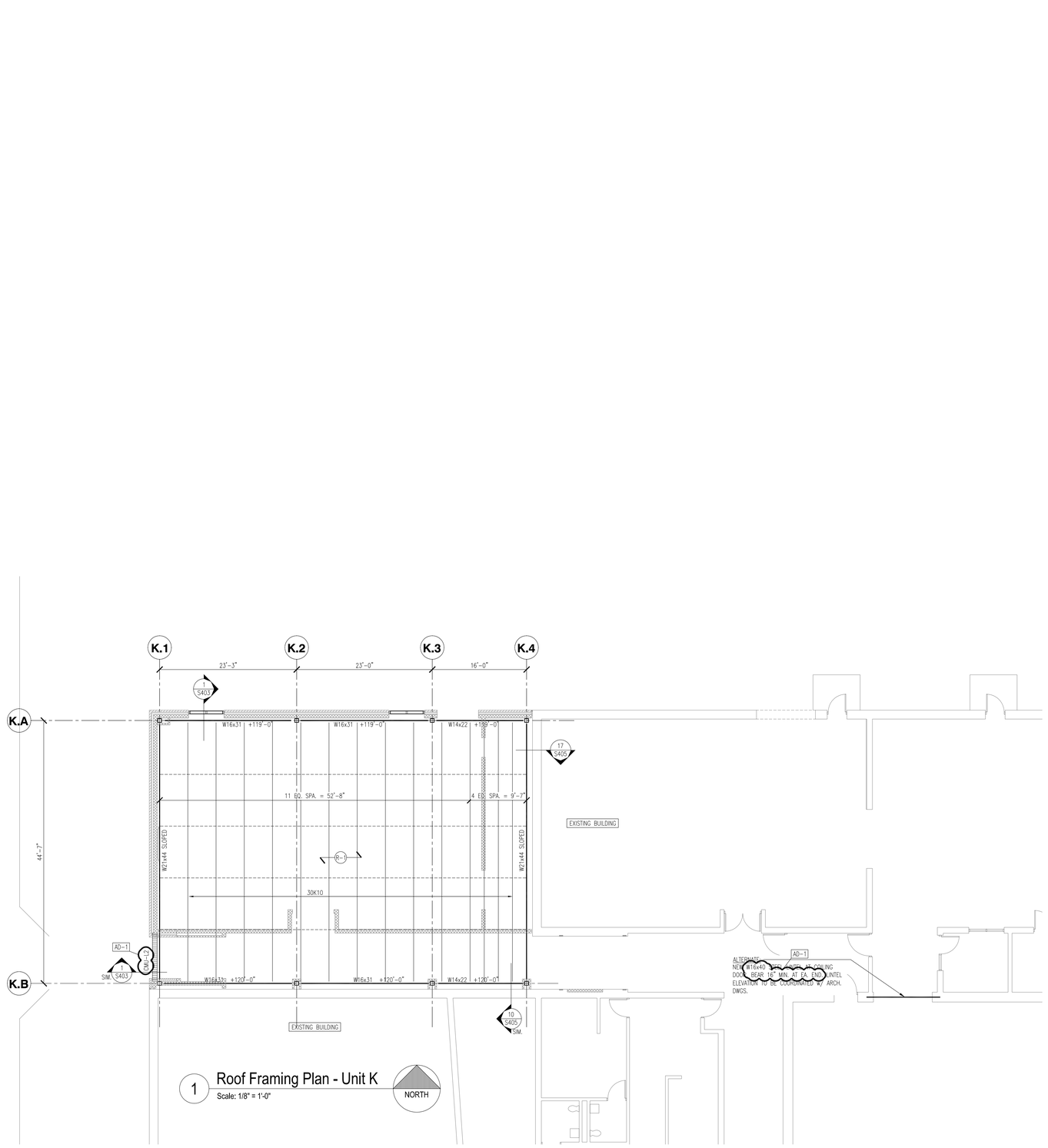
1. REFER TO SHEET S-001 FOR STRUCTURAL NOTES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. REFER TO ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCH./ENGINEER OF ANY DISCREPANCIES.
4. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND THE ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCH./ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
5. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR ELEVATION 100'-0".
6. SHORE ALL EXISTING CONSTRUCTION AS REQ.'D DURING DEMOLITION AND INSTALLATION OF NEW FRAMING, TYP.
7. FOR EACH NEW ADDITION, LATERAL FORCE RESISTANCE WILL BE ACHIEVED BY DIAGONAL HSS TUBE BRACES PLACED WITHIN THE STUD WALL CAVITY AND/OR HSS TUBE KNEE BRACES LOCATED ABOVE CEILING.
8. DENOTES NEW ALUMINUM SUN SHADE. SEE S-411 FOR ALUM. ATTACHMENT DETAILS.
9. EXISTING TUBE FRAMES IN THIS AREA WILL REQUIRE MODIFICATION TO ACCOMMODATE DEMOLITION AND NEW CONSTRUCTION. REFER TO SECTIONS (ARCHITECTURAL AND STRUCTURAL) FOR ADDITIONAL INFORMATION.

PLAN LEGEND:

R-1 — DENOTES 1 ½", 20 GA. WIDE-RIB METAL ROOF DECK, PRIME PAINTED ONLY.

A — DENOTES 2", 20 GA. ACOUSTIC DOVETAIL SHAPED ROOF DECK (Versa-Dek 2.0 S ES Acoustical OR EQUIV.) REFER TO 11/S-404 FOR TREATMENT REQUIREMENTS.

DENOTES APPROXIMATE LOCATION OF NEW ROOF OPENING. COORD. EXACT SIZE AND LOCATION (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) WITH APPROPRIATE TRADE. PROVIDE ROOF FRAME PER TYP. DETAILS ON SHEET S-404.



1 Roof Framing Plan - Unit K
Scale: 1/8" = 1'-0"

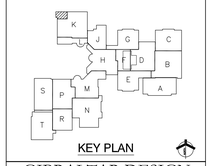
NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "K", ROOF FRAMING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

K

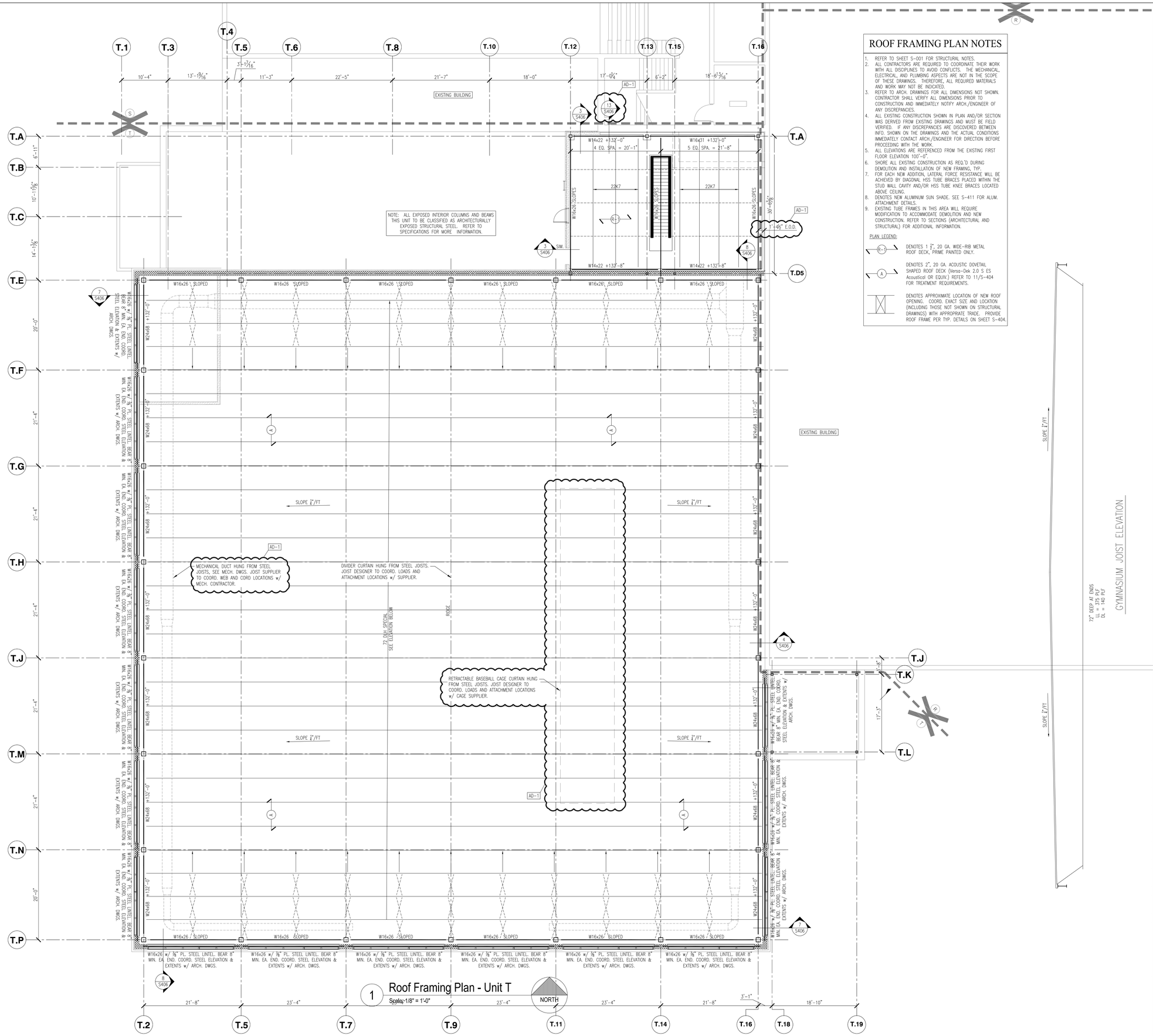
SHEET
S-206

ROOF FRAMING PLAN NOTES

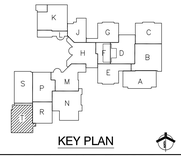
1. REFER TO SHEET S-001 FOR STRUCTURAL NOTES.
2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.
3. REFER TO ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCH./ENGINEER OF ANY DISCREPANCIES.
4. ALL EXISTING CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND THE ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCH./ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.
5. ALL ELEVATIONS ARE REFERENCED FROM THE EXISTING FIRST FLOOR ELEVATION 100'-0"
6. SHORE ALL EXISTING CONSTRUCTION AS REQ'D DURING DEMOLITION AND INSTALLATION OF NEW FRAMING, TYP.
7. FOR EACH NEW ADDITION, LATERAL FORCE RESISTANCE WILL BE ACHIEVED BY DIAGONAL HSS TUBE BRACES PLACED WITHIN THE STUD WALL CAVITY AND/OR HSS TUBE KNEE BRACES LOCATED ABOVE CEILING.
8. DENOTES NEW ALUMINUM SUN SHADE. SEE S-411 FOR ALUM. ATTACHMENT DETAILS.
9. EXISTING TUBE FRAMES IN THIS AREA WILL REQUIRE MODIFICATION TO ACCOMMODATE DEMOLITION AND NEW CONSTRUCTION. REFER TO SECTIONS (ARCHITECTURAL AND STRUCTURAL) FOR ADDITIONAL INFORMATION.

PLAN LEGEND:

- (R-1) — DENOTES 1 ½", 20 GA. WIDE-RIB METAL ROOF DECK, PRIME PAINTED ONLY.
- (A) — DENOTES 2", 20 GA. ACOUSTIC DOVETAIL SHAPED ROOF DECK (Versa-Dek 2.0 S ES Acoustical OR EQUIV.) REFER TO 11/S-404 FOR TREATMENT REQUIREMENTS.
- DENOTES APPROXIMATE LOCATION OF NEW ROOF OPENING. COORD. EXACT SIZE AND LOCATION (INCLUDING THOSE NOT SHOWN ON STRUCTURAL DRAWINGS) WITH APPROPRIATE TRADE. PROVIDE ROOF FRAME PER TYP. DETAILS ON SHEET S-404.



1 Roof Framing Plan - Unit T
Scale: 1/8" = 1'-0"



KEY PLAN

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

PROJECT
21-111
DATE
10/11/21
COORDINATED BY
SAC
DRAWN BY
NHF
CHECKED BY
SAC

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "T", ROOF FRAMING PLAN

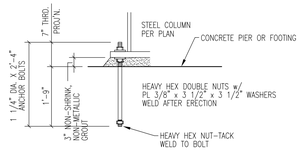
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
T
S-207

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

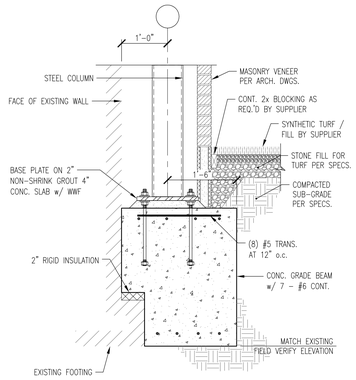
CROWN POINT, INDIANA



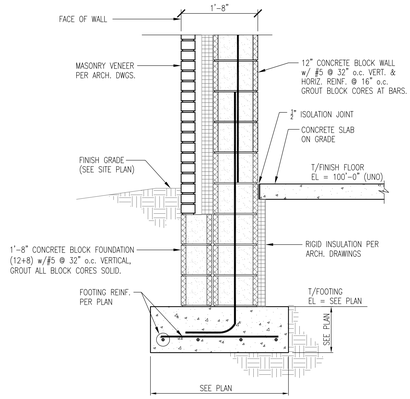
NOTES:

1. LOCATION OF ANCHOR BOLTS MUST NOT VARY MORE THAN 1/8" CENTER-TO-CENTER OF ANY TWO BOLTS WITHIN AN ANCHOR BOLT GROUP.
2. HOLD MAX. DEVIATION OF 1/4", CENTER-TO-CENTER OF ADJACENT ANCHOR BOLT GROUPS.
3. HOLD ELEVATION OF THE TOP OF THE ANCHOR BOLTS TO +/- 1/2 INCH.
4. HOLD MAXIMUM DEVIATION OF 1/4" FROM THE CENTER OF ANY ANCHOR BOLT GROUP TO THE ESTABLISHED COLUMN LINE THROUGH THAT GROUP.
5. REFER TO THE AISC CODE OF STANDARD PRACTICE FOR ADDITIONAL INFORMATION.

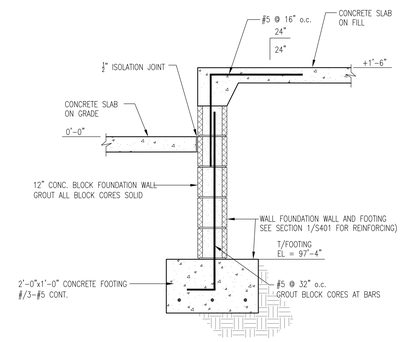
15 1–1/4" ANCHOR BOLT DETAIL
3/4" = 1'-0"



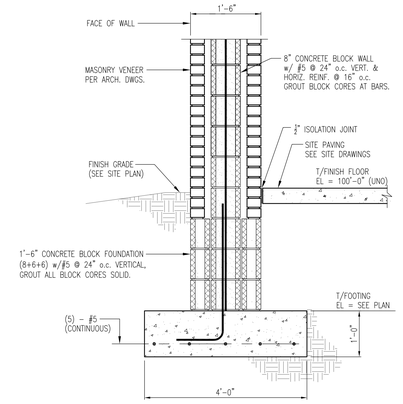
14 SECTION
3/4" = 1'-0"



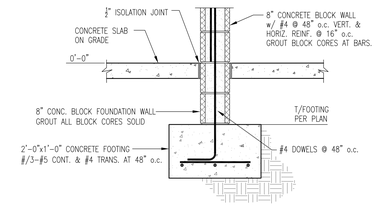
11 SECTION
3/4" = 1'-0"



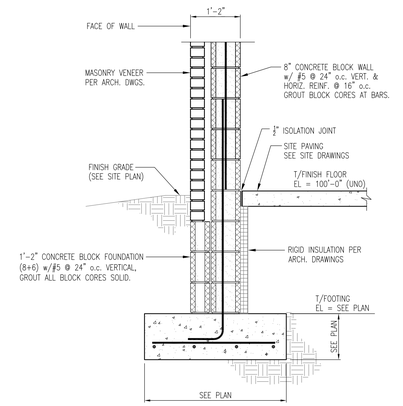
10 SECTION
3/4" = 1'-0"



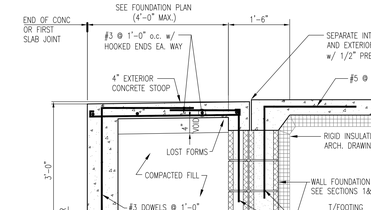
7 SECTION
3/4" = 1'-0"



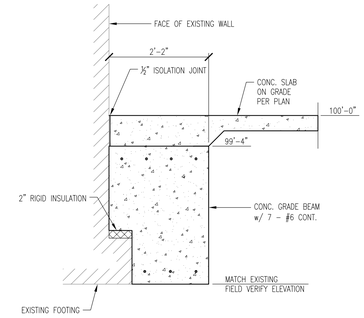
4 SECTION
3/4" = 1'-0"



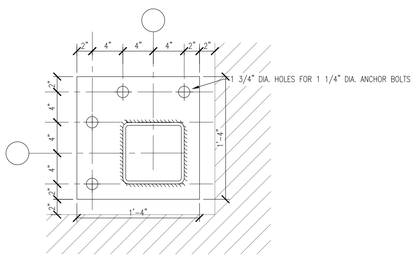
6 SECTION
3/4" = 1'-0"



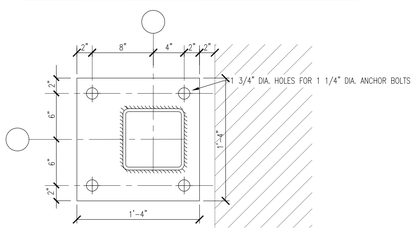
3 SECTION
3/4" = 1'-0"



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



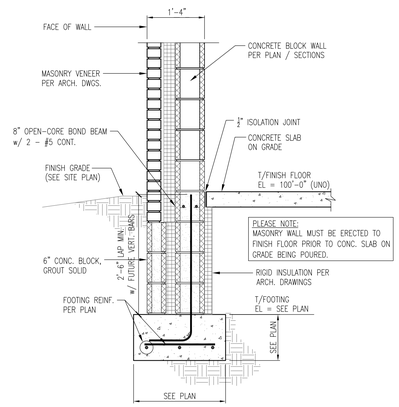
MARK BP7: HSS8x8 AT EXT. WALL CORNER



MARK BP6: HSS8x8 AT EXT. WALL

HSS OFFSET COLUMN BASE PLATE SCHEDULE		
MARK	BASE PLATE SIZE	ANCHOR BOLT SIZE
BP6	1 x 16 x 1'-4	1 1/4" DIA. x 2'-4"
BP7	1 x 16 x 1'-4	1 1/4" DIA. x 2'-4"

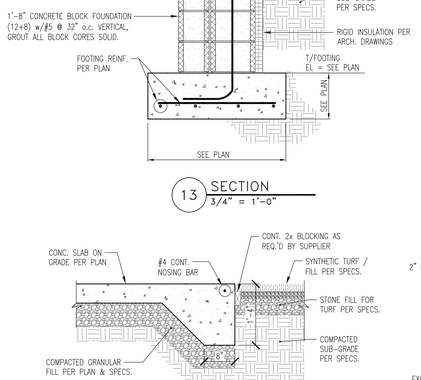
5 SPECIALTY COLUMN BASE PLATES
NOT TO SCALE



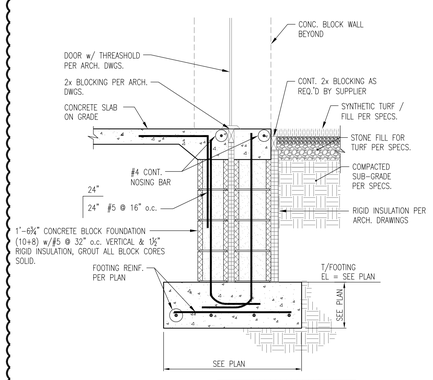
2 SECTION
3/4" = 1'-0"

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

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

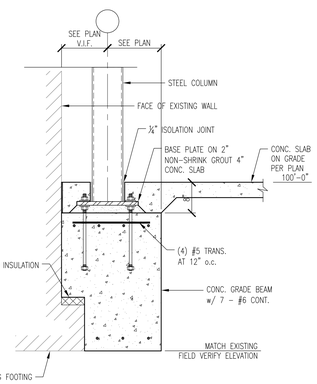


13 SECTION
3/4" = 1'-0"



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

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



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

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21–111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLOSE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

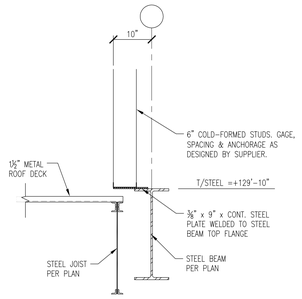
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
FOUNDATION DETAILS

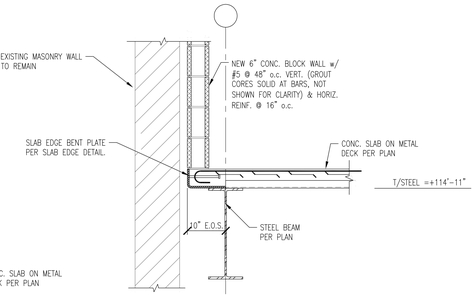
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
S-401

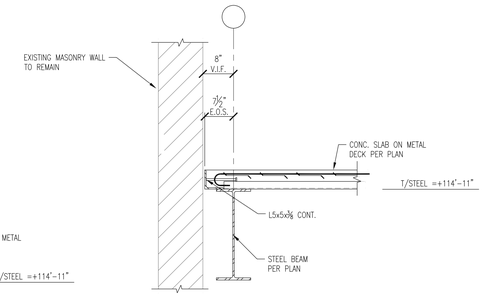
Thursday, 10/21/2021 - 1:34 PM - LAST SAVED BY:NFELLER
F:\2021\21066 CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS\AUTOCAD\S401.DWG



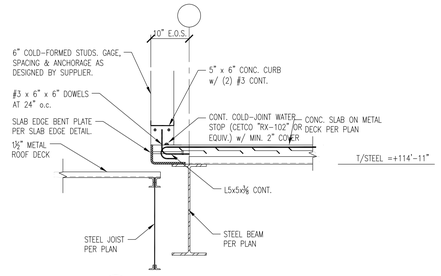
21 SECTION
3/4" = 1'-0"



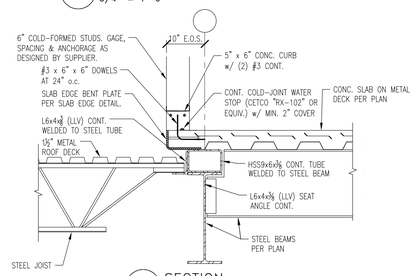
16 SECTION
3/4" = 1'-0"



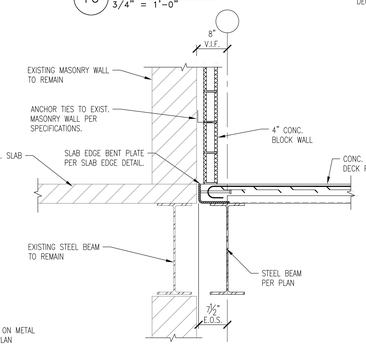
12 SECTION
3/4" = 1'-0"



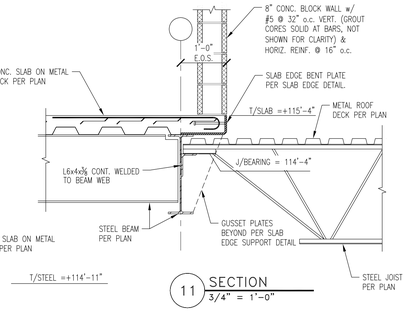
7 SECTION
3/4" = 1'-0"



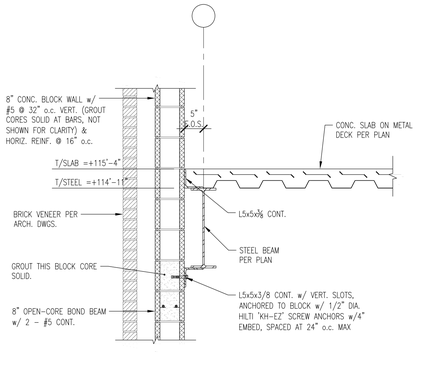
20 SECTION
3/4" = 1'-0"



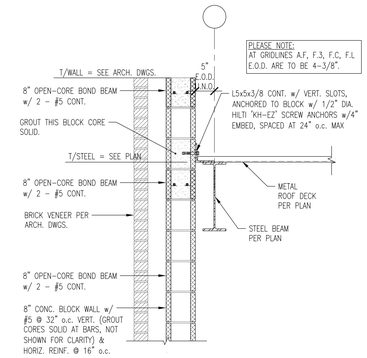
15 SECTION
3/4" = 1'-0"



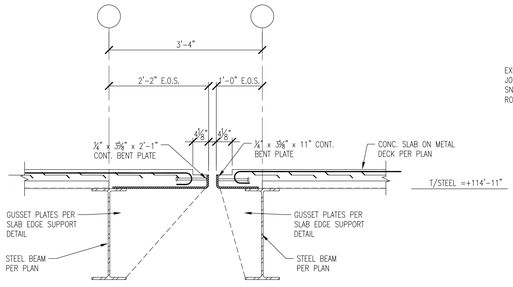
11 SECTION
3/4" = 1'-0"



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

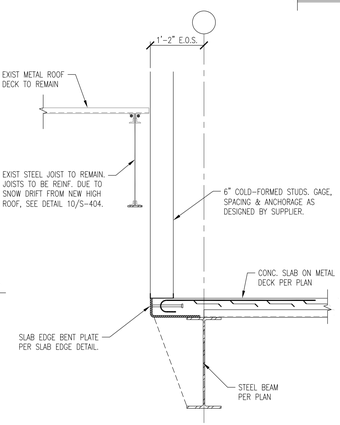


3 SECTION
3/4" = 1'-0"

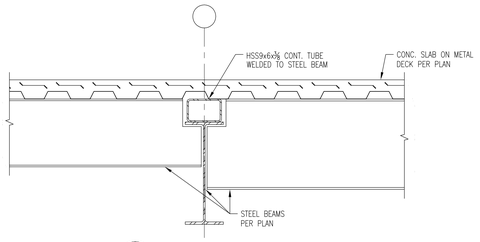


19 SECTION
3/4" = 1'-0"

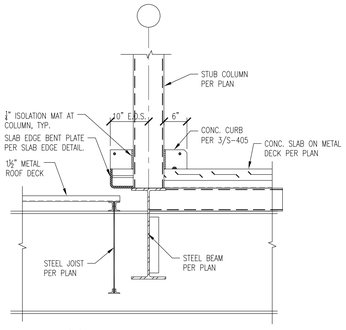
18 SECTION
3/4" = 1'-0"



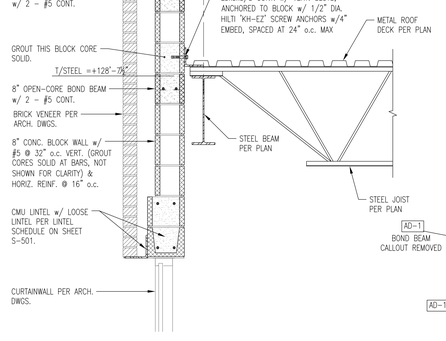
14 SECTION
3/4" = 1'-0"



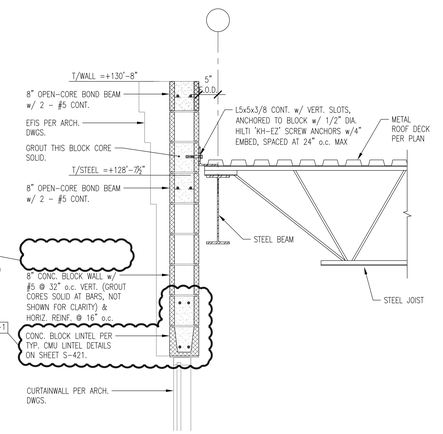
10 SECTION
3/4" = 1'-0"



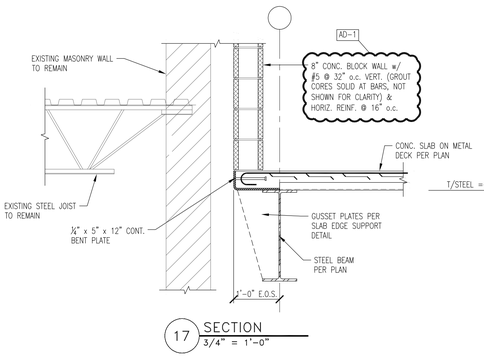
9 SECTION
3/4" = 1'-0"



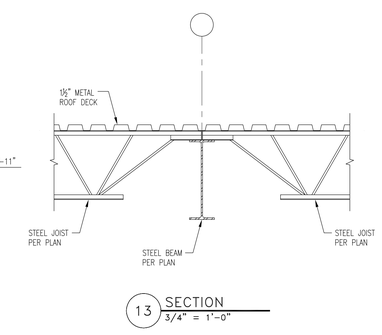
5 SECTION
3/4" = 1'-0"



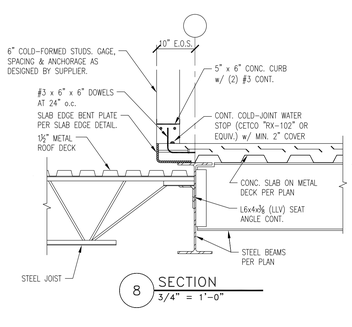
2 SECTION
3/4" = 1'-0"



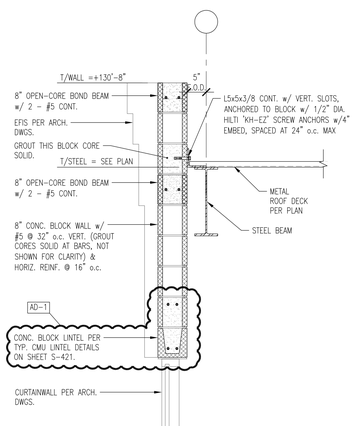
17 SECTION
3/4" = 1'-0"



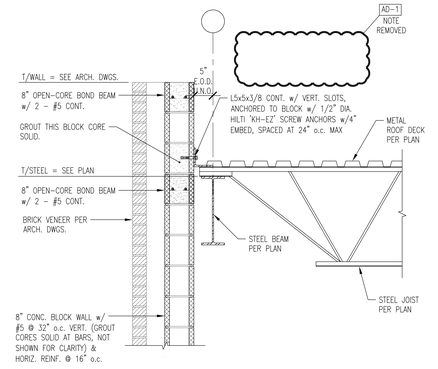
13 SECTION
3/4" = 1'-0"



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



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



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

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLOSE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

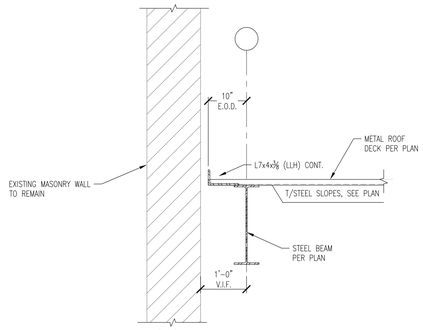
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

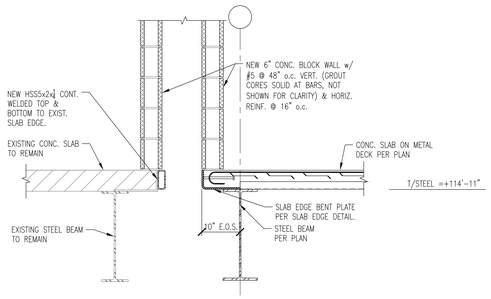
DRAWING
FRAMING/STRUCTURAL DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

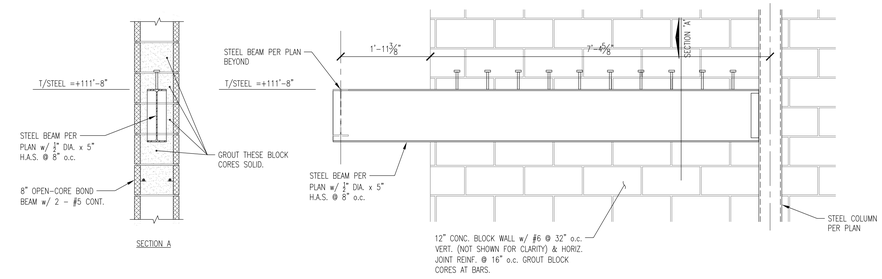
SHEET
S-403



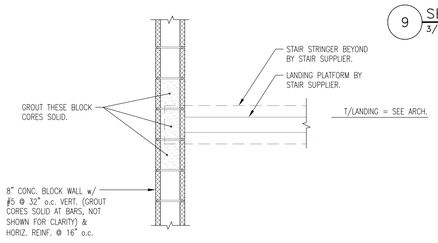
17 SECTION
3/4" = 1'-0"



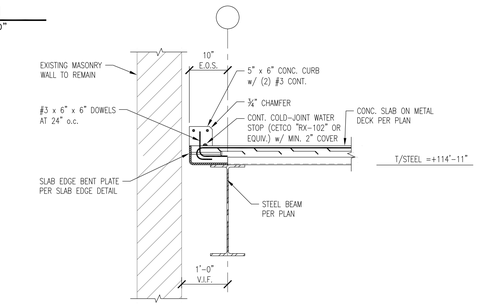
13 SECTION
3/4" = 1'-0"



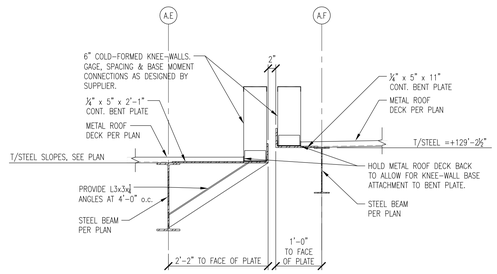
9 SECTION
3/4" = 1'-0"



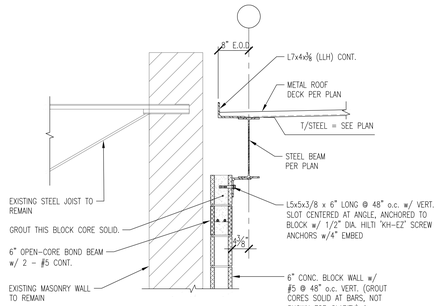
8 SECTION
3/4" = 1'-0"



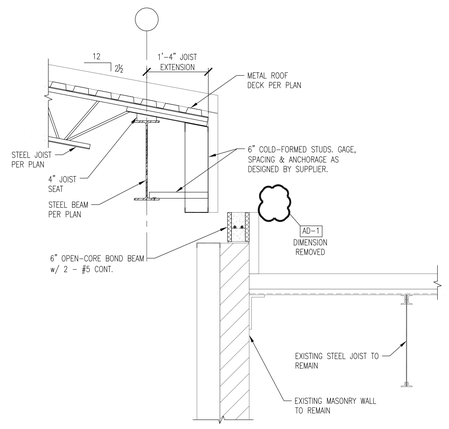
4 SECTION
3/4" = 1'-0"



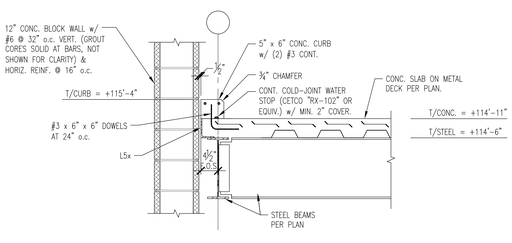
16 SECTION
3/4" = 1'-0"



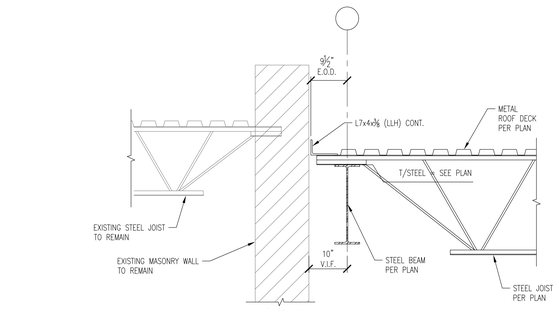
12 SECTION
3/4" = 1'-0"



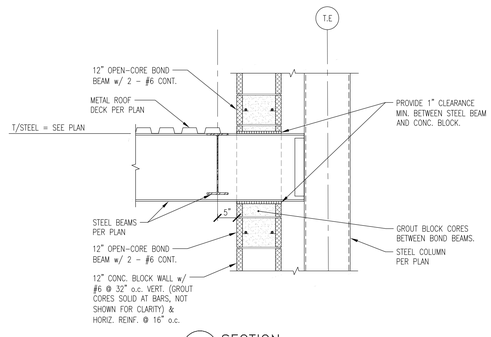
7 SECTION
3/4" = 1'-0"



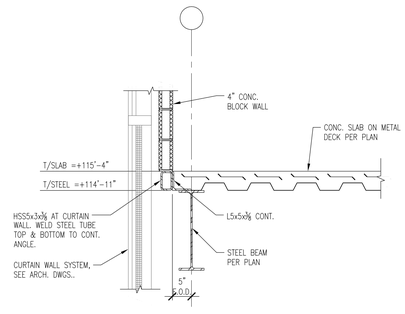
3 SECTION
3/4" = 1'-0"



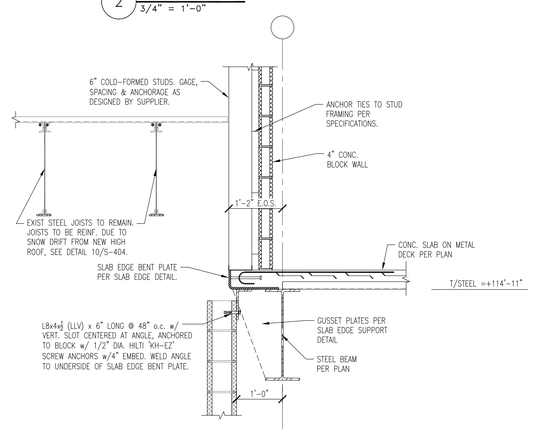
15 SECTION
3/4" = 1'-0"



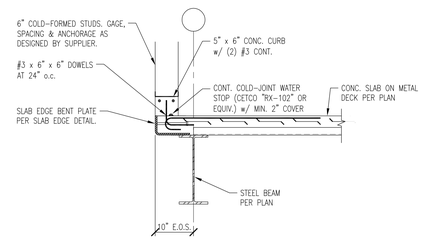
11 SECTION
3/4" = 1'-0"



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

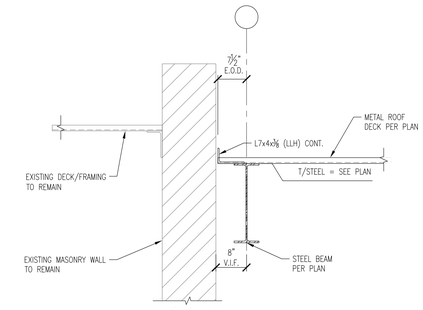


2 SECTION
3/4" = 1'-0"

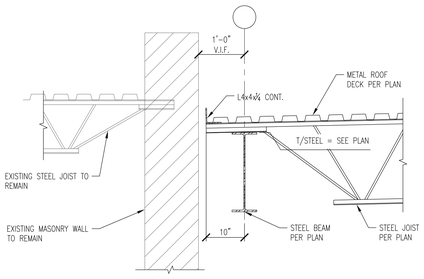


5 SECTION
3/4" = 1'-0"

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



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



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

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

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

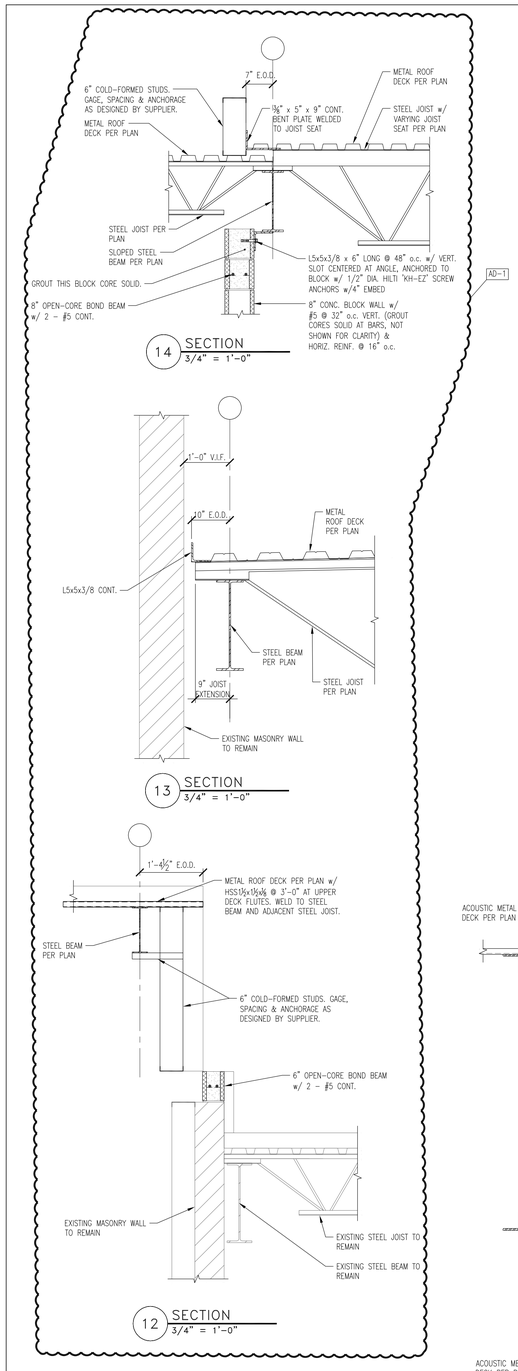
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
FRAMING/STRUCTURAL DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
S-405



GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE REGISTERED PE10606154 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
FRAMING/STRUCTURAL DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
S-406

Thursday, 10/21/2021 - 1:38 PM - LAST SAVED BY:NFELLER
F:\2021\21066 CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS\AUTOCAD\S406.DWG

EXISTING CONSTRUCTION

1. The Contractor shall field verify the dimensions, elevations, etc. necessary for the proper construction and alignment of the new portions of the work to the existing work. The Contractor shall make all necessary measurements for fabrication and erection of the structural members. Any discrepancy shall be brought to the attention of the Structural Engineer of Record (SER).
2. Before proceeding with any work within the existing facility, the Contractor shall familiarize himself with existing structural and other conditions. Any shoring shown or noted on the Plans is a partial and schematic representation of that required. It shall be the Contractor's responsibility to provide all necessary bracing, shoring, and other safeguards to maintain all parts of the work in a safe condition during the progress of demolition and construction, and to protect from damage those portions of the existing work which are to remain. Shoring shall remain in place until the structural work is complete, has been inspected by the Testing Agency, and is certified to be in substantial compliance with the Contract Documents.
3. When required by the Specifications or by Plan Note, the Contractor shall submit for the SER's review, a "Proposed Shoring Plan", including, but not limited to: plans, sections, details, notes, description of proposed sequence of work, and calculations prepared by, or under the supervision of a Specialty Structural Engineer (SSE). The SSE shall be registered in the State where the project is located.
4. Welding to and within an existing facility presents potential hazards including:
   A. Fire Hazard—Due to the existing construction and building contents.
   B. Structural Liquifaction—Due to welding across the full section of the structural members.

   Recommendations to prevent these hazards include:
   A. Fire Hazard—Protect existing combustibles prior to welding. Keep a separate watchman and several fire extinguishers on hand.
   B. Structural Liquifaction—weld in small increments. Allow welds to harden before continuing to the next increment.
   C. Do not leave the site until satisfied that no fire hazard exists.
   D. Preference should be given to the use of beam clamps, mechanical fasteners, or bolted connections in lieu of welding within existing facilities, whenever possible. Do not field-drill existing structural members without the written permission of the SER.

COORDINATION WITH OTHER TRADES

1. The Contractor shall coordinate and check all dimensions relating to Architectural finishes, mechanical equipment and openings, elevator shafts and overrides, etc. and notify the Architect/Engineer of any discrepancies before proceeding with any work in the area under question.
2. The Structural Drawings shall be used in conjunction with the Drawings of all other disciplines and the Specifications. The Contractor shall verify the requirements of other trades as to sleeves, chases, hangers, inserts, anchors, holes, and other items to be placed or set in the Structural Work.
3. There shall be no vertical or horizontal sleeves set, or holes cut or drilled in any beam or column unless it is shown on the Structural Drawings or approved in writing by the SER.
4. Mechanical and electrical openings through supported slabs and walls, 8" diameter, or larger not shown on the Structural Drawings must be approved by the SER. Openings less than 8" diameter shall have at least 1'-0" clear between openings, unless approved in writing by the SER.
5. Verify locations and dimensions of mechanical and electrical openings through supported slabs and walls shown on the Structural Drawings with the Mechanical and Electrical Contractors.
6. Do not install conduit in supported slabs, slabs on grade, or concrete walls unless explicitly shown or noted on the Structural Drawings.
7. Do not suspend any items, such as ductwork, mechanical or electrical fixtures, ceilings, etc. from steel roof deck or wood roof sheathing.
8. The Mechanical Contractor shall verify that mechanical units supported by steel framing are capable of spanning the distance between the supporting members indicated on the Structural Drawings. The Mechanical Contractor shall supply additional support framing as required.
9. If the Drawings and Specifications are in conflict, the most stringent restrictions and requirements shall govern.

GENERAL NOTES

1. The Contractor shall be responsible for complying with all safety precautions and regulations during the work. The SER will not advise on, nor issue direction as to safety precautions and programs.
2. The Structural Drawings herein represent the finished structure. The Contractor shall provide all temporary guying and bracing required to erect and hold the structure in proper alignment until all Structural Work and connections have been completed. The investigation, design, safety, adequacy and inspection of the bracing, shoring, temporary supports, etc. is the sole responsibility of the Contractor.
3. The SER shall not be responsible for the methods, techniques, and sequences of procedures to perform the Work. The supervision of the Work is the sole responsibility of the Contractor.
4. The Drawings indicate general and typical details of construction. Where conditions are not specifically shown, similar details of construction shall be used, subject to approval of the SER.
5. All structural systems which are to be composed of components to be field erected shall be supervised by the Supplier during manufacturing, delivery, handling, storage, and erection in accordance with the Supplier's instructions and requirements.
6. Loading applied to the structure during the process of construction shall not exceed the safe load-carrying capacity of the structural members. The live loads used in the design of this structure are indicated in the "Design Criteria Notes". Do not apply any construction loads until structural framing is properly connected together and until all permanent bracing is in place.
7. All ASTM and other referenced standards and codes are for the latest editions of these publications, unless noted otherwise.
8. Shop Drawings and other items shall be submitted to the SER for review prior to fabrication. All shop drawings shall be reviewed by the Contractor before submittal. The SER's review is to be for conformance with the design concept and general compliance with the relevant Contract Documents. The SER's review does not relieve the Contractor of the sole responsibility to review, check, and coordinate the Shop Drawings prior to submission. The Contractor remains solely responsible for errors and omissions associated with the preparation of Shop Drawings as they pertain to member sizes, details, dimensions, etc.
9. Submit Shop Drawings in the form of blueline/blackline prints (min. 2 sets/ max. 5 sets), unless the use of electronic submittals has been addressed in the Specifications or approved by the SER in writing. In no case shall reproductions of the Contract Documents be used as Shop Drawings. As a minimum, submit the following items for review:
   A. Concrete Mix Design(s).
   B. Reinforcing Steel Shop Drawings.
   C. Structural Steel Shop Drawings.
   D. Steel Joist Shop Drawings.
   E. Steel Deck Shop Drawings.
10. Resubmitted Shop Drawings: Resubmitted shop drawings are reviewed only for responses to comments made in the previous submittal.
11. When calculations are included in the submittal for components of Work designed and certified by a Specialty Structural Engineer (SSE), the review by the Structural Engineer of Record (SER) shall be for conformance with the relevant Contract Documents. The SER's review does not relieve the SSE from responsibility for the design of their system(s) and the coordination with the elements of the structure under the certification of the SER, or other SSE's. The SER's review does not constitute a warrant of the accuracy or completeness of the SSE's design.
12. Contractors shall visit the site prior to bid to ascertain conditions which may adversely affect the Work or cost thereof.
13. No structural member may be cut, notched, or otherwise reduced in strength without written direction from the SER.
14. When modifications are proposed to structural elements under the design and certification of a SSE, written authorization by the SSE must be obtained and submitted to the SER for review prior to performing the proposed modifications.

Thursday, 10/21/2021 – 1:39 PM – LAST SAVED BY:NFELLER
F:\2021\21066 CROWN POINT HIGH SCHOOL ADDITIONS
AND RENOVATIONS\AUTOCAD\S501.DWG

DESIGN CRITERIA

1. DESIGN STANDARDS: The intended design standards are as follows:

General	The 2014 Indiana Building Code (2012 International Building Code (IBC) with Indiana Amendments)
Concrete	ACI 318
Masonry	ACI 530
Steel	AISC Manual, Allowable Stress Design (ASD)
Steel Joists	Steel Joist Institute
Steel Deck	Steel Deck Institute
Cold-Formed Metal	AISI-ASD

All referenced standards and codes, as well as ASTM numbers, are for the editions of these publications referenced in the Building Code listed above, unless noted otherwise.

2. DEAD LOADS: Gravity dead loads used in the design of the structure are as computed for the materials of construction incorporated into the building, including but not limited to walls, floors, roofs, ceilings, stairways, fixed partitions, finishes, cladding, and other similar architectural and structural items, as well as mechanical, electrical and plumbing equipment and fixtures, and material handling and fixed service equipment, including the weight of cranes.
3. LIVE LOADS: Gravity live loads used in the design of the structure meet, or exceed the following table (IBC 2012, 1607.1):

OCCUPANCY OR USE	UNIFORM (PSF)	CONCENTRATED (LB)
A. Platform Steps	100	---
B. Stairs		
1. Typical	100	300 on A=4 sq. in.

4. COLLATERAL LOAD: Unless otherwise noted, a minimum uniform collateral load of 10 PSF has been used to account for ductwork, ceilings, sprinklers, lighting, etc. The collateral load is in addition to the weight of mechanical units, larger piping (greater than 4" diameter) and suspended fixtures or equipment that have been specifically accounted for in the design.
5. CONCENTRATED LOADS: All single panel points of the lower chord of exposed roof trusses or any point along the primary structural members supporting roofs over all other occupancies shall be capable of carrying safely a suspended concentrated load of not less than 200 LBS in addition to dead load, unless noted.
6. ROOF LIVE/SNOW LOADS: Gravity live loads used in the design of the roof structure meet or exceed the following table:

A. Snow Load	
Ground Snow Load, Pg	25 PSF
Flat Roof Snow Load, Pf	22 PSF
Exposure Factor, Ce	1.0
Risk Category (IBC Table 1604.5)	III
Snow Importance Factor, Is	1.10
Thermal Factor, Ct	1.0
B. Minimum Roof Live Load	25 PSF
C. Overhanging Eaves & Projections	60 PSF

   1. Sloped roof snow loads calculated in accordance with Sec. 7.4, ASCE 7.
   2. Unbalanced roof snow loads calculated in accordance with Sec. 7.6, ASCE 7. Specialty Structural Engineers (SSE) must consider unbalanced snow loads in the design of pre-engineered trusses, frames, skylights, curtain walls, cold-formed steel framing, canopies, etc.
   3. Drift loads calculated in accordance with Section 7.7, ASCE 7.
7. LATERAL LOADS: Lateral loads were computed using the following criteria:

A. Wind Load	
Ultimate Design Wind Speed, Vult	120 MPH
Nominal Design Wind Speed, Vasd	89 MPH
Wind Exposure Category	C
Risk Category (IBC Table 1604.5)	III
Internal Pressure Coefficient, GCpi	±0.18
B. Seismic Load	
Site Class	D
Risk Category (IBC Table 1604.5)	III
Seismic Importance Factor, Ie	1.25
Mapped Spectral Response Acceleration, Ss	0.129g
Mapped Spectral Response Acceleration, S1	0.066g
Design Spectral Response Acceleration, Sds	0.138g
Design Spectral Response Acceleration, Sd1	0.106g
Seismic Design Category, SDC	B
Response Modification Factor, R	3

8. UPLIFT DESIGN CRITERIA: Joist and deck connections shall be capable of resisting the following NET wind uplift pressures:

WIND UPLIFT PRESSURE TABLE

HEIGHT	ZONE 1 (INTERIOR ZONES)	ZONE 2 (END ZONES)	ZONE 3 (CORNER ZONES)
0-15'	20 PSF	30 PSF	40 PSF
NOTE: SEE ASCE 7-10, FIGURE 30.5-1 FOR DEFINITION OF ZONES.			

9. SAFETY FACTORS: This structure has been designed with 'Safety Factors' in accordance with accepted principles of structural engineering. The fundamental nature of the 'Safety Factor' is to compensate for uncertainties in the design, fabrication, and erection of structural building components. It is intended that 'Safety Factors' be used such that the load-carrying capacity of the structure does not fall below the design load and that the building will perform under design load without distress. While the use of 'Safety Factors' implies some excess capacity beyond design load, such excess capacity cannot be adequately predicted and SHALL NOT BE RELIED UPON.

REINFORCED MASONRY NOTES

1. All construction of reinforced masonry walls to be in accordance with the Building Code Requirements for Concrete Masonry Structures (ACI 530) and Commentary.
   A) f'm = 2000 PSI
   B) Maximum height of masonry lift: 5'-0"
   C) Maximum height of grout lift: 5'-0"
   D) See the Specifications for additional masonry wall information.
2. CONCRETE BLOCK: Minimum compressive test strength on the net cross-sectional area: 2800 PSI.
3. MORTAR: Type S required.
4. GROUT: ASTM C476, 2500 PSI with a slump of 8" min. and 10" max.
5. REINFORCING: fy = 60000 PSI with a min. lap of 48 bar diameters.

LOAD BEARING WALL CMU LINTEL SCHEDULE

AD-1

LINTEL MARK	UNIT	DEPTH	BOTTOM REINF.	TOP REINF.	STIRRUPS (SIZE/SPC.)	LOOSE LINTELS AT BRICK LOCATIONS
CMU-L1	10"	16"	(2) #7	(2) #7	N/A	L6x6x3/8
CMU-L2	10"	24"	(2) #7	(2) #7	N/A	L6x6x3/8

NOTES:
1. REFER TO DETAIL 11/S-421 FOR ADDITIONAL INFORMATION AND FOR C.M.U. LINTELS LOCATED IN NON-LOAD BEARING WALLS.
2. VERTICAL CONTROL JOINTS MUST BE LOCATED AT LEAST 8" OFF OF JAMB OF OPENING. REFER TO DETAIL 4/S-421.
3. COORDINATE ALL DIMENSIONS TO LOCATE AND DEFINE OPENINGS w/ ARCHITECTURAL DRAWINGS (HEIGHT, WIDTH, LOCATION, ETC.).

LINTEL SCHEDULE

1. Where lintels are not specifically shown or noted on the Structural or Architectural Drawings, provide the following lintels over all openings and recesses in both interior and exterior, non-load bearing walls.

A) Brick:

Masonry Opening	Angle Size
Up to 5'-0"	L4 x 4 x 5/16
Over 5'-0" & up to 7'-0"	L6 x 4 x 5/16
Over 7'-0"	L7 x 4 x ⅜

All angles are LLV (long leg vertical), unless noted otherwise. Provide 1" of bearing per foot of span each end with minimum 8".

B) Block: For openings up to 8'-0" long exposed in the finished room, use lintel block filled with grout. Grout all exposed joints and reinforce as follows:
   1) For 6" thick block: 1-#5 bar
   2) For 8" thick block: 2-#5 bars
   3) For 10" thick block: 2-#6 bars
   4) For 12" thick block: 2-#6 bars

C) Block: For openings Over 8'-0" & up to 12'-0" long exposed in the finished room, use lintel block filled with grout. Grout all exposed joints and reinforce per the "Long Masonry Lintel Detail" on the Typical Masonry Detail Drawing.

D) Block (stack bond openings over 4'-0"): See framing plans for steel beam lintels. Where not shown on plan, the criteria in the following table shall be used. Contact SER for lintels not shown on plan which do not meet this criteria. See architectural drawings for opening quantities, sizes, locations, heights of wall above, etc.

BLOCK 't'	LINTEL	WIDTH OF OPENING	MAX. ALLOW. HEIGHT OF CMU ABOVE LINTEL
6"	C8x11.5 w/ CONTIN. PL ⅜ x 5	≤ 8'-0"	30'-0"
		≤ 12'-0"	8'-0"
8"	W8x13 w/ CONTIN. PL ⅜ x 7	≤ 8'-0"	30'-0"
		≤ 12'-0"	8'-0"
10"	W8x13 w/ CONTIN. PL ⅜ x 9	≤ 8'-0"	25'-0"
		≤ 12'-0"	8'-0"
12"	W8x28 w/ CONTIN. PL ⅜ x 11	≤ 8'-0"	40'-0"
		≤ 12'-0"	18'-0"

FOUNDATIONS

1. Proofroll slab on grade areas with a medium-weight roller or other suitable equipment to check for pockets of soft material hidden beneath a thin crust of better soil. Any unsuitable materials thus exposed should be removed and replaced with compacted, engineered fill as outlined in the specifications. Proofrolling operations shall be monitored by the Geotechnical Testing Agency.
2. All engineered fill beneath slabs and over footings should be compacted to a dry density of at least 93% of the Modified Proctor maximum dry density (ASTM D-1557). All fill which shall be stressed by foundation loads shall be approved granular materials compacted to a dry density of at least 95% (ASTM D-1557). Coordinate all fill and compaction operations with the Specifications and the Subsurface Investigation.
3. Compaction shall be accomplished by placing fill in approximate 8" lifts and mechanically compacting each lift to at least the specified minimum dry density. For large areas of fill, field density tests shall be performed for each 3,000 square feet of building area for each lift as necessary to insure adequate compaction is being achieved.
4. Column footings and wall footings to bear on firm natural soils or well-compacted engineered fill with allowable bearing pressures of 3,000 PSF and 2,400 PSF for column and wall footings respectively, as outlined in the Subsurface Investigation Report.

   It is essential that the foundations be inspected to insure that all loose, soft, or otherwise undesirable material (such as organics, existing uncontrolled fill, etc.) is removed and that the foundations will bear on satisfactory material. The Geotechnical Testing Agency shall inspect the subgrade and perform any necessary tests to insure that the actual bearing capacities meet or exceed the design capacities. The Geotechnical Testing Agency shall verify the bearing capacity at each spread column footing and every 10 feet on center for strip footings prior to placement of concrete.
5. Place footings the same day the excavation is performed. If this is not possible, the footings shall be adequately protected against any detrimental change in condition, such as from disturbance, rain, or freezing.
6. It is the responsibility of the Contractor and each Sub-Contractor to verify the location of all utilities and services shown, or not shown; and establish safe working conditions before commencing work.
7. The Contractor shall layout the entire building and field verify all dimensions prior to excavation.

POST-INSTALLED DOWELS & ANCHOR BOLTS/RODS

1. All reinforcing steel and threaded rod anchors to be installed in 2-part chemical anchoring system shall be treated as follows:
   A) Drill holes larger than bar or rod to be embedded. Coordinate hole diameter with Manufacturer's requirements.
   B) Holes must be cleaned and prepared in accordance with Manufacturer's requirements.
   C) When reinforcing steel is encountered during drilling for installation of anchors; stop drilling, use a sensor to locate the reinforcing in the surrounding area and install anchor(s) as close as possible to the original location. Contact the Structural Engineer of Record for direction when the revised location is more than 2" from the original location, or when the original function of the anchorage is significantly altered. When in doubt, contact the SER for direction.
   D) Drill the hole to a depth as shown on the drawings with a minimum of 15 bar diameters.
   E) Use a 2-part adhesive anchoring system, Hilti HY-200, or approved equal.
   F) For anchorage into hollow substrate, use Hilti HY-70, or approved equal.
   G) Reinforcing steel dowels shall be ASTM A615, Grade 60, unless noted.
   H) Anchor rods shall be ISO 898 5.8 (Hilti HAS-E), unless noted. Provide finish as noted on the Drawings. If not noted, provide zinc-coated finish for interior applications. Provide stainless steel finish for exterior applications, unless noted.
2. When column anchor bolts/rods have been omitted, or damaged by construction operations, the Contractor must obtain the written approval of the SER prior to repair and/or replacement.
   A) As a precaution, the affected column must be guyed and braced after repair for the balance of the erection period.
   B) As an alternate to guying and bracing, the Contractor may at his option, employ a Testing Agency to perform a tensile pull test to confirm the strength of the repaired or replaced anchor bolt/rod. The tensile proof load must exceed 1.33 x the design load of the original anchor without causing distress of the anchor bolt/rod or the surrounding concrete. Refer to the following table for the minimum proof loads:

¾" diameter:	11.6 kips
⅞" diameter:	16.0 kips
1" diameter:	20.9 kips

   Note: Values listed above are for ASTM F-1554, Grade 36 material. When higher grade or strength materials are specified, refer to the AISC Manual of Steel Construction for minimum allowable loads to be multiplied by 1.33.
   C) When affected anchor bolts/rods are part of a fixed moment-resisting column base, such as those in moment-resisting space frames, canopies, or fixed base installations, the repaired anchor bolts/rods must be proof-loaded, or the affected column footing and/or pier replaced in its entirety.
   D) When affected anchor bolts/rods are 1 ⅛" diameter or larger, the affected column footing and/or pier must be replaced in its entirety.
   E) When affected anchor bolts/rods are part of a braced frame, the affected column footing and/or pier must be replaced in its entirety.
   F) Prior to erection, the controlling Contractor must provide written notification to the Steel Erector if there has been a repair, replacement or modification of the anchor bolts/rods for that column.

COLD-FORMED (LIGHT GAUGE) METAL FRAMING NOTES

1. All cold-formed steel framing members, their design, fabrication, and erection shall conform to the "Specification for the Design of Cold-Formed Steel Structural Members" of the A.I.S.I. (2001 Edition).
2. All framing members shall be formed from steel conforming to ASTM A653, with a minimum yield strength as follows:

12, 14, & 16 gauge members:	Fy=50 ksi
18, 20 gauge members:	Fy=33 ksi

3. All framing members shall be galvanized with a G-90 coating meeting the requirements of ASTM A653, unless otherwise indicated.
4. Members shall be the Manufacturer's standard "C"-Shaped studs/joists of the size, flange width, and gauge indicated. All members shall have a minimum flange lip return of 1/2" and satisfy the minimum properties in accordance with the Steel Stud Manufacturer's Association (SSMA).
5. The gauge of all tracks shall match the gauge of the associated stud or joist, unless otherwise noted.
6. All welding shall be in conformance with AWS Specification D1.3. No welding of members less than 14 gauge in thickness is permitted without the approval of the Engineer of Record. All welding shall be performed by certified welders. All welds shall be touched up with zinc rich paint in accordance with ASTM A780.
7. Provide bridging for all load-bearing studs at a maximum spacing of 48" on center.
8. Provide bridging for all non load-bearing exterior curtain wall studs at a maximum spacing of 54" on center. Locate one row of bridging within 18" of the top track when a single deep-leg deflection track is utilized.
9. Provide bridging for joist and rafters at midspan and at a maximum spacing of 6'-0" on center, unless noted otherwise. All bridging shall be installed prior to the addition of any loading. Connect bridging to each member by clip angles, or other approved method per the Manufacturer's requirements.
10. Provide web stiffeners at joist and rafter bearings in accordance with the Manufacturer's requirements.
11. All axially loaded studs shall have full bearing against the inside track web, prior to stud and track alignment. Splices in axially loaded studs are not permitted.
12. Provide the Manufacturer's standard track, clip angles, bracing, reinforcement, fasteners, and accessories as recommended by the Manufacturer for the application indicated and as need to provide a complete framing system. Unless otherwise indicated, install the metal framing system in accordance with the Mfr's shop drawings, written instructions and recommendations.
13. Install supplementary framing, blocking, and bracing in metal framing system wherever walls or partitions are indicated to support fixtures, equipment, services, casework, heavy trim and furnishings, and similar work requiring attachment to the wall or partition. Where type of supplementary support is not otherwise indicated, comply with the stud mfr's recommendations and industry standards in each case, considering weight or loading resulting from the item supported.
14. All field-cutting of studs must be done by sawing or shearing. Torch cutting of cold-formed members is not allowed.
15. No notching or coping of studs is allowed, unless explicitly shown on the design or shop drawings. All field-cut holes must be reinforced.
16. Framing contractor is to ensure punch out alignment when assembling lateral bracing and field-cutting studs to length. Lateral bracing must be installed at the time the wall is erected.
17. Temporary bracing shall be provided and remain in place until work is completely stabilized.
18. Use a minimum of three studs at the corners of all exterior walls.
19. Use a minimum of three studs at the intersections and corners of all load-bearing walls.
20. All headers and built-up beams must be constructed of UNPUNCHED material only. Install insulation in built-up exterior framing members, such as headers, sills, boxed joists, and multiple studs at openings, that are inaccessible on completion of framing work.
21. Shop drawings: Show layout, spacings, sizes, thicknesses, and types of cold-formed metal framing; and fastening and anchorage details, including mechanical fasteners. Show reinforcing channels, opening framing, supplemental framing, strapping, bracing, bridging, splices, accessories, connection details, and attachment to adjoining work.
22. For cold-formed metal framing indicated to comply with design loads, include structural analysis data signed and sealed by the qualified professional engineer responsible for their preparation.
23. Structural Performance: Provide cold-formed metal framing capable of withstanding design loads within limits and under conditions indicated.
   A. Design Loads: Reference Design Criteria Notes
   B. Deflection Limits: Design framing systems to withstand design loads without deflections greater than the following:
      1. Wall Framing: Horizontal deflection of 1/240 of the wall height for walls with flexible finishes, e.g. metal siding, EIFS.
      2. Wall Framing: Horizontal deflection of 1/360 of the wall height for walls with cementitious finishes, e.g. cement plaster.
      3. Wall Framing: Horizontal deflection of 1/600 of the wall height for walls with masonry veneer finishes.
      4. Floor Joist Framing: Vertical deflection of 1/360 of the span under Live Load. Limit deflection under Total Load to 1/240 pf the span.
      5. Roof Framing: Vertical deflection of 1/360 of the span under Live Load. Limit deflection under Total Load to 1/240 pf the span.
24. Design framing systems to provide for movement of framing members without damage or overstressing, sheathing failure, undue strain on fasteners and anchors, or other detrimental effects when subject to an ambient temperature change of not less than 120 degrees F.
25. Design framing system to maintain clearances at openings, to allow for construction tolerances, and to accommodate live load deflection of primary building structure as follows:
   A. Upward and downward movement of 3/4 inch.
26. Design exterior non load-bearing curtain wall framing to accommodate horizontal deflection without regard for contribution of sheathing materials.

STEEL DECK NOTES

1. All steel deck material, fabrication and installation shall conform to the Steel Deck Institute "SDI SPECIFICATIONS AND COMMENTARY" and "CODE OF RECOMMENDED STANDARD PRACTICE", current edition, unless noted otherwise.
2. Provide members for deck support at all deck span changes. Provide L3x3x3/16 deck support at all columns where required.
3. All deck shall be provided in a minimum of 3-span lengths where possible.
4. All welding of steel deck shall be in conformance with AWS Specification D1.3. Provide welding washers for all floor decks less than 22 gauge in thickness.
5. Mechanical fasteners may be used in lieu of welding, providing fasteners meet, or exceed the strength of the specified welds. Submit fastener design data to the SER for review.
6. Substitution of fiber secondary reinforcement for welded wire fabric on supported slabs is prohibited.
7. Do not suspend any items, such as ductwork, mechanical and electrical fixtures, ceilings, etc. from steel deck.
8. Roof deck sidelaps shall be attached at ends of cantilevers and at a maximum spacing of 12" o.c. from cantilevered deck ends. The roof deck must be completely fastened to the supports and at sidelaps before any loads is applied to the cantilever.
9. Submit shop drawings for general conformance to the design concept in accordance with Specifications in the Project Manual. Erection drawings shall show type of deck, shop finish, accessories, method of attachment, edge details, deck openings and reinforcement, and sequence of installation.
10. Installation holes shall be sealed with a closure plate 2 gauges thicker than deck and mechanically fastened to the deck. Steel deck holes visible from below will be rejected. Deck units that are bent, warped or damaged in any way which would impair the strength and appearance of the deck shall be removed from the site.
11. Where gauge metal pourstops are indicated, supply pourstops designed to meet, or exceed the gauges listed in the SDI Pourstop Selection Table (min. 18 ga.) as required or slab depth, concrete weight, and cantilever distance, unless noted otherwise.
12. The Erector shall shim between parallel roof beams and joists with differential mill and induced cambers for level deck bearing.

STEEL JOIST NOTES

1. All steel joists shall be designed, fabricated, and erected in accordance with the SJI Standard Specifications.
2. Joist bridging (if shown) is schematically indicated. Provide all bridging necessary to conform to SJI Specifications.
3. The ends of all bridging lines terminating at walls or beams shall be anchored to the wall or beam.
4. Joist bridging and connections shall be completely installed prior to placing any construction loads on the joists. Construction loading shall not exceed the joist design load.
5. All roof joists shall be capable of resisting the net uplift as noted on the Structural Drawings (min. 15 psf net). Provide an additional row of continuous horizontal bottom chord bridging at the first panel point location at each end of all roof joists.
6. Joists shall meet the following deflection criteria per SJI. Maximum live load deflection shall not exceed:
   A) Roofs without suspended ceilings: L/360
   B) Roofs with suspended ceilings: L/360
7. The Joist Manufacturer shall submit calculations for all special joists to the SER for record purposes, prior to fabrication. These calculations shall bear the seal and signature of a Professional Engineer registered in the State of Indiana.
8. Joists on column centerlines shall have extended bottom chord connections for erection stability, unless otherwise noted. Do not connect bottom chord extensions, unless otherwise noted or shown.
9. Joists on, or near column centerlines shall have field-bolted connections for erection stability, unless otherwise noted.
10. The Joist Manufacturer shall coordinate with the Structural Steel Fabricator for the design of all connections to supporting columns, beams, bearing seats, etc. prior to submittal of shop drawings.
11. The Joist Manufacturer shall furnish evidence that the joist meets or exceeds the specified minimum moment of inertia (Ix) listed on the Plans. Where a minimum Ix value is not specified, the Ix value can be that required to meet the specified loading and deflection criteria.
12. All steel joists shall be furnished with standard SJI camber, unless noted otherwise.
13. All items suspended from joists such as catwalks, basketball goals, operable partitions, etc. should be installed after all dead loads of roofing, flooring, ceilings, etc. are installed.
14. All joists shall be shop primed in accordance with SJI requirements, unless noted otherwise. Color to match structural steel primer, unless approved in writing by the SER.
15. Provide sloped bearing ends where joist slope exceeds ¼" per foot.
16. Do not field cut or alter joists without the written approval of the Joist Manufacturer.

STRUCTURAL STEEL NOTES

1. Structural steel construction shall conform to the American Institute of Steel Construction "Specification for Structural Steel Buildings".
2. All structural wide flange members shall be ASTM A992, Fy=50 ksi.
3. All plates, channels, bars, angles, and rods shall be ASTM A36, unless noted.
4. All structural tube members shall be ASTM A500, Grade B, unless noted.
5. Details for design, fabrication and erection of all structural steel shall be in accordance with the latest AISC Standards, unless otherwise noted or specified.
6. Provide temporary erection guying and bracing as required.
7. Unless otherwise shown or noted on the Drawings, provide 8" minimum bearing each end for all loose lintels and beams.
8. For loose lintels, masonry shelf angles and other such items generally not shown on the Structural Drawings, refer to the Architectural Drawings. See general notes on lintels this sheet for sizes, reinforcing, etc.
9. Steel columns below grade shall be encased in a minimum of 4" concrete or painted with 2 coats of asphaltum paint, unless otherwise shown.
10. Fabricate simple span beams not specifically noted to receive camber so that after erection, any minor camber due to rolling or shop assembly be upward.
11. Refer to the Division 5 Structural Steel Specification of the Project Manual for structural steel surface preparations and prime painting requirements.
12. Provide cap plates/end plates to close off exposed, open ends of all tubular members, unless noted. Seal weld with partial penetration square groove welds for watertight condition.
13. The Erector shall shim between parallel roof beams and joists with differential mill and induced cambers for level deck bearing.

STEEL CONNECTION NOTES

1. Typical beam-to-beam and beam-to-column connections shall be bearing type using A325 bolts, unless noted otherwise.
2. Shop connections unless otherwise shown, may be either bolted or welded. All field connections shall be bolted unless otherwise shown on the Structural Drawings.
3. Connections shall be designed by the Steel Fabricator to support the reactions shown on the framing plan(s). Simple span connections without reactions listed on the Structural Drawings shall be designed by the Steel Fabricator in accordance with Table 3-6 of the AISC "Manual of Steel Construction, 13th Edition". For composite beams where reactions are not indicated, design connections for 75% of the Maximum Total Uniform Load ASD value for the applicable beam size and span given in Table 3-6. For non-composite beams, design connections for 50% of the tabulated ASD value.
4. Submit calculations for connections not detailed on the Structural Drawings and not covered by the AISC Tables, including but not limited to:
   A. Column Splices.
   B. Moment Connections.
   C. Bracing Connections including Collectors and Drag Struts.
   D. Skewed Shear Connections.
5. All beam-to-beam connections shall be double angle, unless shown or noted otherwise.
6. All beam-to-column connections shall be at the column centerline, unless shown or noted otherwise. Shear tab connections to tube columns are permitted unless otherwise noted or detailed.
7. Typical bearing-type beam-to-beam, and beam-to-column field-bolted connections may be tightened to the snug-tight condition, unless otherwise shown or noted.
8. Bolted connections in moment frames, bracing connections, hangers and stub columns, crane connections, and those designated PT (pretensioned) on the Drawings shall be pretensioned joints utilizing tension-control (TC) bolts or direct tension indicators. Holes for PT bolts shall be 1/16" larger than the bolt diameter. All pretensioned joints must be inspected by the Testing Agency.
9. Connect bracing members for two components of stress unless otherwise approved by the SER. Provide a minimum 2-bolt or welded field connection.
10. Locate centerlines of all vertical bracing members on column centerlines in vertical plane and on column and beam centerlines in horizontal plane, unless otherwise shown on the Structural Drawings.
11. All welding shall be in conformance with AWS D1.1, using E70XX electrodes, unless shown or noted otherwise. Welding, both shop and field, shall be performed by welders certified for the weld types and positions involved according to the current edition of AWS D1.1. Perform all AESS welds with care to provide a clean, uniform appearance.
12. Backup bars required for welded connections shall be continuous.
13. Holes in steel shall be drilled or punched. All slotted holes shall be provided with smooth edges. Burning of holes in structural steel shall not be allowed without approval of the SER.
14. The minimum thickness of all connection material shall be 5/16", unless noted.
15. Continuous bent plate and angle slab closures, roof edges, diaphragm chords, etc. around the perimeter of the floor and roof, as well as around openings shall be welded with a minimum ¼" fillet weld x 3" long at 12" o.c., top & bottom, unless noted otherwise. Butt weld joints in continuous diaphragm chords for continuity. For continuous perimeter angles and bent plates perpendicular-to and connected to the top chords of joists, provide a minimum 3" of ¼" weld at each joist. Continuous angle and bent plate closures may be shop-applied to the supporting structural members only when requested and approved in writing by the SER.
16. A qualified independent Testing Agency shall be retained to perform inspection and testing of structural steel field weldments as follows:

WELD INSPECTION SCHEDULE

WELD TYPE	VT	MT	UT	PT	RT	COMMENTS
FILLET (SINGLE PASS)	25%	–	–	–	–	ROOT PASS AND FINISHED WELD
FILLET (MULTIPLE PASS)	50%	25%	–	–	–	
FLARE BEVEL/ FLARE V	25%	–	–	–	–	
GROOVE (PARTIAL PENETRATION)	100%	–	100%	–	–	REFERENCE NOTE 'E' BELOW
GROOVE (FULL PENETRATION)	100%	–	100%	–	–	ALL FULL PENETRATION WELDS

A) Test procedures:
   VT = Visual Test (inspection)
   MT = Magnetic Particle Test: ASTM E109, cracks or incomplete fusion or penetration not acceptable.
   UT = Ultrasonic Test: ASTM E164.
   PT = Penetrant Test, ASTM E165.
   RT = Radiographic Test, ASTM E94 and ASTM E142, min. quality level 2-21.
B) Acceptance standards in AWS D1.1 shall be followed for each test procedure.
C) Test procedures may be substituted to meet feasibility requirements of test based upon weld geometry or other factors with the approval of the SER.
D) Samples shall occur at random locations; additional tests may be required at locations noted on the Drawings.
E) Groove welds include square, bevel, V, U, and J grooves including single and double pass types.
F) Partial penetration square groove welds at end seal plates of tubular members do not require inspection.
G) Weld Procedure Specifications (WPS) shall be produced and maintained in accordance with AWS D1.1. The independent Testing Agency shall have access to all WPS's during the course of testing and inspection.
H) For highly-restrained welded joints, especially in thick plates and/or heavy structural shapes, detail the welds so that shrinkage occurs as much as possible in the direction the steel was rolled. Refer to the AISC Manual for preferred welded-joint arrangements that reduce the possibility for lamellar tearing. Members scheduled to receive highly-restrained connections shall be tested by the independent Testing Agency by Ultrasonic Testing prior to commencing welding.
I) In addition to inspection requirements for fillet welds in Table above, 100% of field welding of diagonal bracing members to gusset plates shall be visually inspected (VT).

SPECIALTY STRUCTURAL ENGINEERING (SSE)

1. A Specialty Structural Engineer (SSE) is defined as a Professional Engineer licensed in the State of Indiana, not the Structural Engineer of Record (SER), who performs Structural Engineering functions necessary for the structure to be completed and who has shown experience and/or training in the specific specialty.
2. It is the SSE's responsibility to review the Construction Drawings and Specifications to determine the appropriate scope of engineering.
3. It is the intent of the Drawings and Specifications to provide sufficient information for the SSE to perform his design and analysis. If the SSE determines there are details, features, or unanticipated project limits which conflict with the engineering requirements as described in the project documents, the SSE shall in a timely manner contact the SER for resolution of conflicts.
4. The SSE shall forward documents to the SER for review. Such documents shall bear the stamp of the SSE and include:
   A) Drawings introducing engineering input, such as defining the configuration or structural capacity of structural components and/or their assembly into structural systems.
   B) Calculations.
   C) Computer printouts which are an acceptable substitute for manual calculations provided they are accompanied by sufficient design assumptions and identified input and output information to permit their proper evaluation. Such information shall bear the stamp of the SSE as an indication that said SSE has accepted responsibility for the results.
5. Contractors are referred to the specific technical specification sections and the structural drawings for those elements requiring Specialty Structural Engineering. Examples of components requiring Specialty Structural Engineering include, but are not limited to the following:
   A) Structural Steel Connections.
   B) Steel Joist Systems.
   C) Steel Stairs.
6. When modifications are proposed to elements under the design and certification of the SSE, written authorization by the SSE must be obtained and submitted to the SER for review prior to performing the proposed modification.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION

CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SAC
DRAWN BY NHF
CHECKED BY SAC

SCOTT A. CLORE
REGISTERED
PE10606154
STATE OF INDIANA
PROFESSIONAL ENGINEER

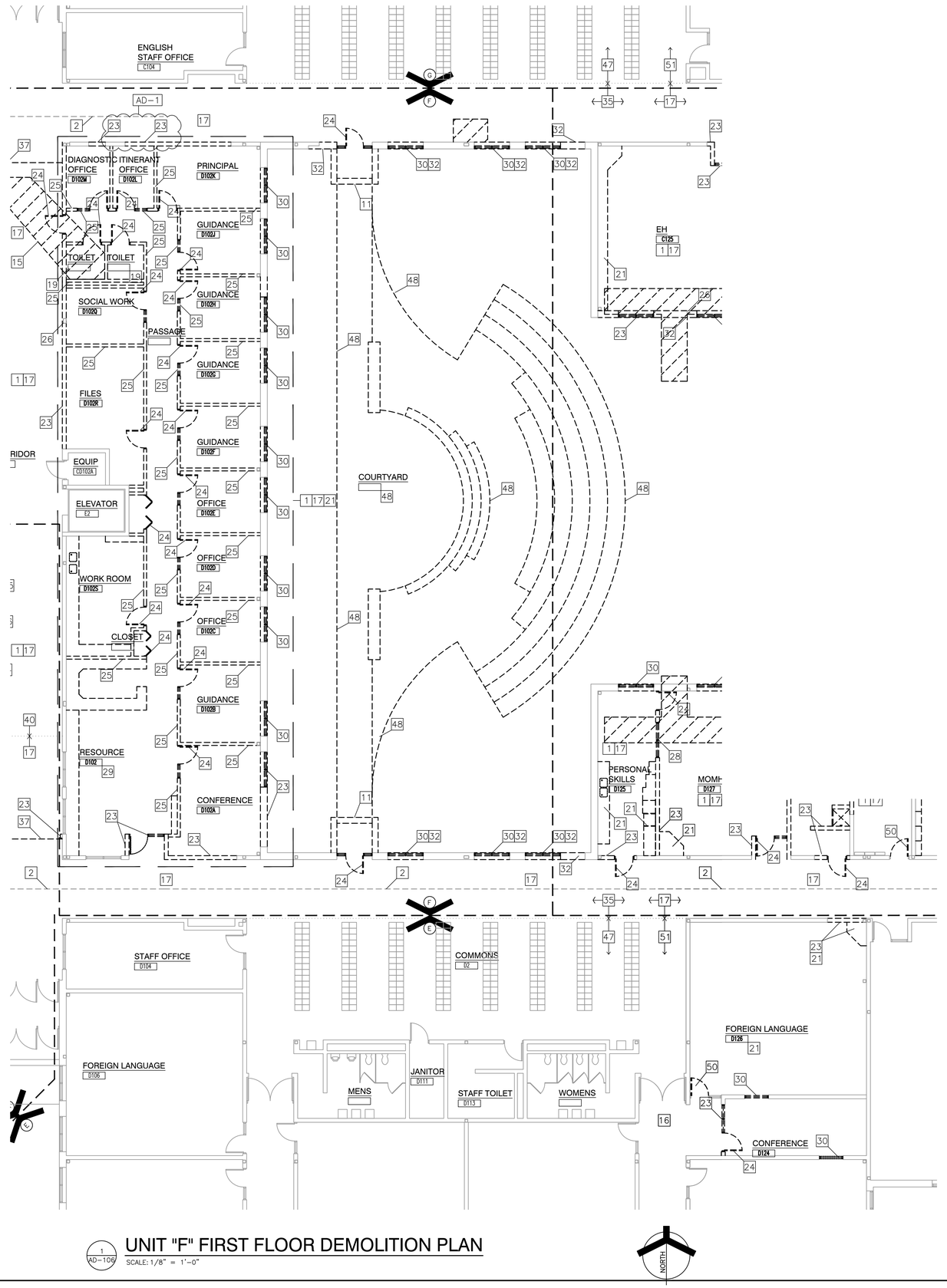
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
STRUCTURAL NOTES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
S-501



1 AD-106

UNIT "F" 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 CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
C. 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.
D. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
E. 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.
F. 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.
G. 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.
H. REMOVE ALL EXISTING IN-GROUND AND WALL INTERSTITIAL SPACE CONDUIT AND WIRING ABANDONED OR MADE OBSOLETE BACK TO SOURCE.
I. COMPLETELY REMOVE ANY EXISTING ELECTRICAL OUTLETS AND WIRING BACK TO SOURCE IN CONSTRUCTION TO BE DEMOLISHED.
J. WHERE EXISTING TERRAZZO AND TILE FLOORS ARE DEMOLISHED, SELECTIVELY DEMOLISHED, OR MODIFIED FOR NEW CONSTRUCTION; THE SURFACE SHALL BE PREPARED TO RECEIVE NEW FINISHES LEVEL AT THE EXISTING HEIGHT OF ALL FLOOR FINISHES AND FLOOR TRANSITIONS. CONTRACTOR RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR SMOOTH, EVEN, STRUCTURALLY STABLE SURFACES.
K. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) 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 REMOVE ACOUSTICAL CEILING SYSTEM COMPLETE.
2 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW FIRE PROTECTION MAINS TO NEW ADDITIONS. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR HYDRONIC FIRE PROTECTION ROUTING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING
3 CAREFULLY DEMOLISH EXISTING CANOPY STRUCTURE COMPLETE (ROOF TO FOOTINGS). PROTECT EXISTING BUILDING STRUCTURE.
4 REMOVE EXISTING ROOFING, METAL DECK, AND JOISTS. REFER TO STRUCTURAL FOR EXTENT OF STRUCTURAL STEEL DEMOLITION.
5 REMOVE MISCELLANEOUS METALS & EQUIPMENT ABOVE CEILING CONSTRUCTION. EXISTING BUILDING STRUCTURE ABOVE CEILING TO REMAIN.
6 THRU 10 NOT USED.
11 DEMOLISH EXISTING WALK/ STOOP COMPLETE.
12 DEMOLISH EXISTING SIDEWALK. REFER TO CIVIL DRAWINGS.
13 DEMOLISH EXISTING FENCING COMPLETE.
14 DEMOLISH EXISTING SUSPENDED WOOD STRUCTURE COMPLETE. REPAIR GYP BOARD WALL AND ACOUSTIC CEILING FINISHES.
15 APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
16 EXISTING FLOOR SLAB TO REMAIN. PROTECT EXISTING SLAB AND ASSOCIATED CONSTRUCTION AROUND REMOVED FLOOR SLAB OF NOTE 15.
17 REMOVE EXISTING FLOOR FINISHES AND ADHESIVE COMPLETE TO ACCOMMODATE NEW FINISHES.
18 DEMOLISH EXISTING CERAMIC/QUARRY FLOOR TILE BASE COMPLETE. PATCH WALLS TO REMAIN. PREPARE TO RECEIVE NEW CONSTRUCTION.
19 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.
20 REMOVE EXISTING LOCKERS AND BASE. PREPARE FLOOR UNDER BASE FOR EXTENSION OF FLOOR FINISH. 2ND FLOOR ONLY
21 REMOVE CASEWORK COMPLETE. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
22 SALVAGE EXISTING CASEWORK. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED FOR NEW FINISHES DUE TO CASEWORK REMOVAL.
23 REMOVE MASONRY WALL, DOOR, AND WINDOWS, AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND ADJACENT WALLS WHERE WALL IS DEMOLISHED AND AS REQUIRED TO ACCEPT NEW FINISHES.
24 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE. VERIFY WITH OWNER ANY DOOR HARDWARE THAT MAY BE DESIRED PRIOR TO REMOVAL.
25 REMOVE METAL STUD/GYPSUM BOARD WALL/BULKHEAD, DOORS AND WINDOWS, COMPLETE. PATCH AND REPAIR REMAINING WALL AS REQUIRED FOR NEW FINISHES.
26 EXISTING STEEL COLUMN TO REMAIN. IF COLUMN IS TO BE LEFT EXPOSED, CONTRACTOR IS TO REMOVE ALL ANCHORS AND MORTAR/GYPSUM BOARD COMPLETE, ALONG WITH ANY BURRS OR IMPERFECTIONS ON FACE OF COLUMNS AND PREPARE FOR NEW FINISH.
27 REMOVE MECHANICAL EQUIPMENT COMPLETE.
28 REMOVE ALUMINUM STOREFRONT FRAMING, DOORS, AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE.
29 REMOVE RECEPTION DESK COMPLETE.
30 REMOVE WINDOW SYSTEM COMPLETE, INCLUDING STONE SILL AND INTERIOR STOOL TO FIRST FULL MASONRY JOINT BELOW WINDOW. PREPARE OPENING AS REQUIRED FOR NEW CONSTRUCTION.
31 CAREFULLY DEMOLISH EXISTING BUILDING STRUCTURE AND PROTECT EXISTING BRICK MASONRY AND BUILDING STRUCTURE TO REMAIN.
32 DEMOLISH EXISTING EXTERIOR WALL CONSTRUCTION. COORDINATE WITH ARCHITECTURAL PLAN AND SECTION SHEETS. PROTECT EXISTING ADJACENT CONSTRUCTION AND BUILDING STRUCTURE TO REMAIN.
33 PROTECT EXISTING LOAD-BEARING WALLS TO REMAIN.
34 DEMOLISH EXISTING WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION AND TO 8" BELOW FLOOR LINE. PATCH CONCRETE FLOOR AS REQUIRE FOR NEW FINISH.
35 REMOVE EXISTING ACOUSTIC CEILING TILE PADS. CLEAN CEILING GRID. INSTALL NEW ACOUSTIC CEILING TILE PADS.
36 REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION REGARDING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING
37 DEMOLISH EXISTING ROLLING GRILLE COMPLETE
38 BUSH HAMMER EXISTING DAMAGED FLOOR SLAB. PREP TO TO RECEIVE NEW FLOOR LEVELER.
39 REMOVE EXISTING SPORT FLOOR. SHOT BLAST FLOOR IN PREPARATION FOR NEW SPORT FLOORING.
40 PREPARE EXISTING CONCRETE FLOOR AS REQUIRED TO RECEIVE NEW FINISHES AND TO ACHIEVE A SMOOTH TRANSITION BETWEEN FINISHES.
41 REMOVE METAL COPING. REMOVE UPPER FACE BRICK AS REQUIRED.
42 REMOVE MIRRORS IN THEIR ENTIRETY. REPAIR WALL AS REQUIRED FOR NEW FINISHES.
43 REMOVE SHELVING COMPLETE. IF WALLS ARE TO REMAIN – REPAIR WALL AS REQUIRED FOR NEW FINISHES.
44 REMOVE EXISTING EIFS DOWN TO CMU WALL.
45 REMOVE EXISTING CARPET
46 EXISTING TWO STORY CEILING TO REMAIN
47 EXISTING CONSTRUCTION TO REMAIN.
48 REMOVE EXISTING COURTYARD CONCRETE PAVING, STEPS, AND SEATING PREPARE FOR NEW CONSTRUCTION.
49 REMOVE ROOF STRUCTURE AND FRAMING
50 REMOVE EXISTING DOOR AND DOOR HARDWARE COMPLETE – STORE DOOR FOR REFINISHING AND NEW HARDWARE. REINSTALL DOOR ONCE COMPLETE.
51 EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
52 EXISTING CEILING HUNG BATTING CAGES AND BACKBOARDS TO REMAIN
53 EXISTING MAT HOIST TO REMAIN
54 EXISTING TENNIS/ VOLLEYBALL/ BADMINTON FLOOR SLEEVES TO REMAIN
55 EXISTING ROLL-FOLD DIVIDER CURTAIN TO REMAIN

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

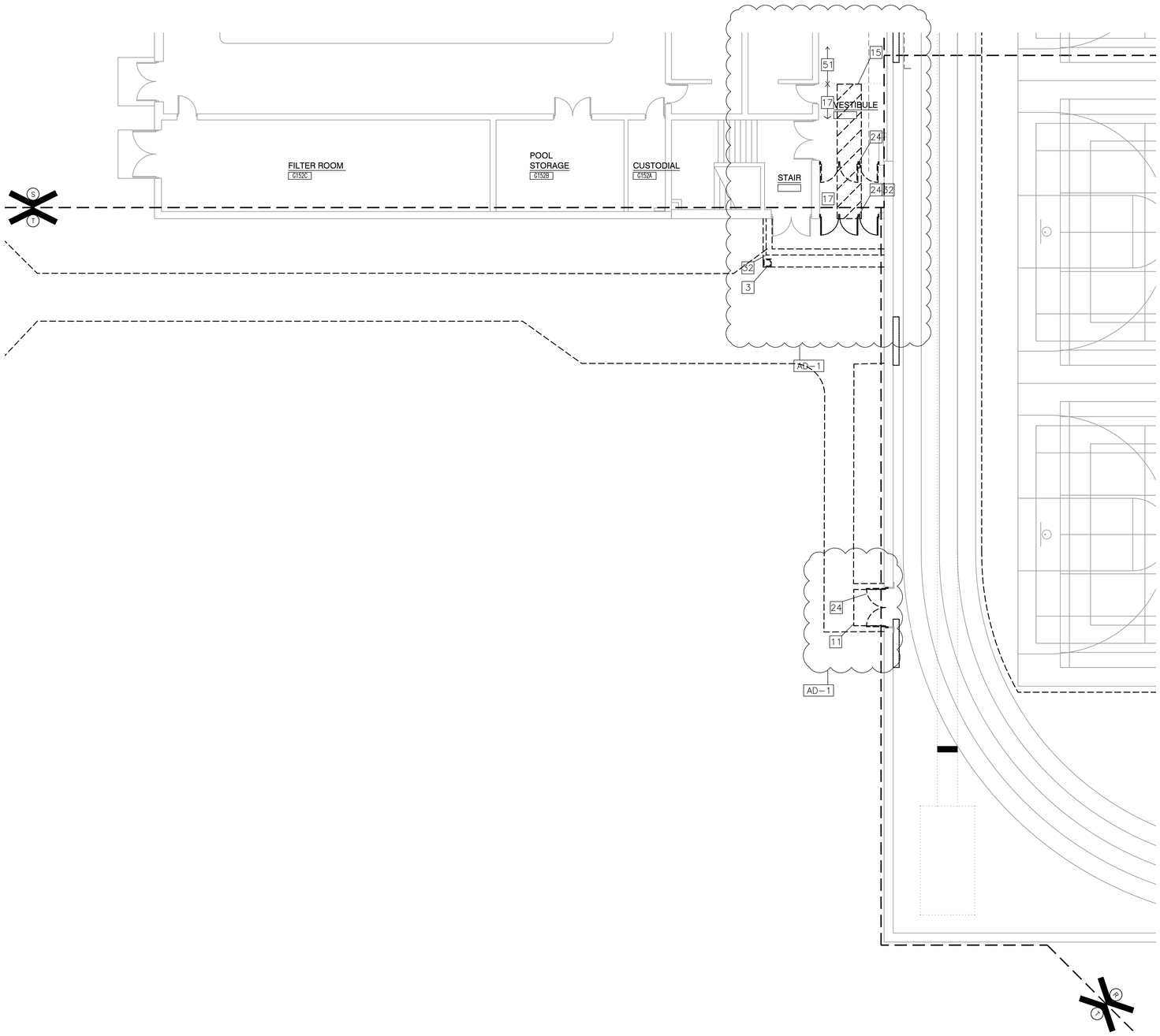
DRAWING
UNIT "F" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

F

SHEET
AD-106

Thursday, 10/21/2021 - 7:50 AM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\AD-106.DWG



GENERAL DEMOLITION NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS.
B. UNLESS NOTED OTHERWISE, THE CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
C. 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.
D. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
E. 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.
F. 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.
G. 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.
H. REMOVE ALL EXISTING IN-GROUND AND WALL INTERSTITIAL SPACE CONDUIT AND WIRING ABANDONED OR MADE OBSOLETE BACK TO SOURCE.
I. COMPLETELY REMOVE ANY EXISTING ELECTRICAL OUTLETS AND WIRING BACK TO SOURCE IN CONSTRUCTION TO BE DEMOLISHED.
J. WHERE EXISTING TERRAZZO AND TILE FLOORS ARE DEMOLISHED, SELECTIVELY DEMOLISHED, OR MODIFIED FOR NEW CONSTRUCTION; THE SURFACE SHALL BE PREPARED TO RECEIVE NEW FINISHES LEVEL AT THE EXISTING HEIGHT OF ALL FLOOR FINISHES AND FLOOR TRANSITIONS. CONTRACTOR RESPONSIBLE FOR ALL DEMOLITION REQUIRED FOR SMOOTH, EVEN, STRUCTURALLY STABLE SURFACES.
K. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) 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 REMOVE ACOUSTICAL CEILING SYSTEM COMPLETE.
2 REMOVE AND REINSTALL EXISTING ACOUSTICAL CEILING SYSTEM AS REQUIRED FOR NEW FIRE PROTECTION MAINS TO NEW ADDITIONS. REPLACE ANY DAMAGED SYSTEM COMPONENTS AS NECESSARY. REFERENCE MEP DOCUMENTS FOR HYDRONIC FIRE PROTECTION ROUTING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING
3 CAREFULLY DEMOLISH EXISTING CANOPY STRUCTURE COMPLETE (ROOF TO FOOTINGS). PROTECT EXISTING BUILDING STRUCTURE.
4 REMOVE EXISTING ROOFING, METAL DECK, AND JOISTS. REFER TO STRUCTURAL FOR EXTENT OF STRUCTURAL STEEL DEMOLITION.
5 REMOVE MISCELLANEOUS METALS & EQUIPMENT ABOVE CEILING CONSTRUCTION. EXISTING BUILDING STRUCTURE ABOVE CEILING TO REMAIN.
6 THRU 10 NOT USED.
11 DEMOLISH EXISTING WALK/ STOOP COMPLETE.
12 DEMOLISH EXISTING SIDEWALK. REFER TO CIVIL DRAWINGS.
13 DEMOLISH EXISTING FENCING COMPLETE.
14 DEMOLISH EXISTING SUSPENDED WOOD STRUCTURE COMPLETE. REPAIR GYP BOARD WALL AND ACOUSTIC CEILING FINISHES.
15 APPROXIMATE LOCATION OF SLAB DEMOLITION – VERIFY EXTENT REQUIRED WITH NEW CONSTRUCTION – REFER TO PLUMBING/STRUCTURAL PLANS.
16 EXISTING FLOOR SLAB TO REMAIN. PROTECT EXISTING SLAB AND ASSOCIATED CONSTRUCTION AROUND REMOVED FLOOR SLAB OF NOTE 15.
17 REMOVE EXISTING FLOOR FINISHES AND ADHESIVE COMPLETE TO ACCOMMODATE NEW FINISHES.
18 DEMOLISH EXISTING CERAMIC/QUARRY FLOOR TILE BASE COMPLETE. PATCH WALLS TO REMAIN. PREPARE TO RECEIVE NEW CONSTRUCTION.
19 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.
20 REMOVE EXISTING LOCKERS AND BASE. PREPARE FLOOR UNDER BASE FOR EXTENSION OF FLOOR FINISH. 2ND FLOOR ONLY
21 REMOVE CASEWORK COMPLETE. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
22 SALVAGE EXISTING CASEWORK. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED FOR NEW FINISHES DUE TO CASEWORK REMOVAL.
23 REMOVE MASONRY WALL, DOOR, AND WINDOWS, AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR FLOOR AND ADJACENT WALLS WHERE WALL IS DEMOLISHED AND AS REQUIRED TO ACCEPT NEW FINISHES.
24 REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE. VERIFY WITH OWNER ANY DOOR HARDWARE THAT MAY BE DESIRED PRIOR TO REMOVAL.
25 REMOVE METAL STUD/GYPSUM BOARD WALL/BULKHEAD, DOORS AND WINDOWS, COMPLETE. PATCH AND REPAIR REMAINING WALL AS REQUIRED FOR NEW FINISHES.
26 EXISTING STEEL COLUMN TO REMAIN. IF COLUMN IS TO BE LEFT EXPOSED, CONTRACTOR IS TO REMOVE ALL ANCHORS AND MORTAR/GYPSUM BOARD COMPLETE, ALONG WITH ANY BURRS OR IMPERFECTIONS ON FACE OF COLUMNS AND PREPARE FOR NEW FINISH.
27 REMOVE MECHANICAL EQUIPMENT COMPLETE.
28 REMOVE ALUMINUM STOREFRONT FRAMING, DOORS, AND HARDWARE COMPLETE. PATCH WALLS TO MATCH ADJACENT SURFACE.
29 REMOVE RECEPTION DESK COMPLETE.
30 REMOVE WINDOW SYSTEM COMPLETE, INCLUDING STONE SILL AND INTERIOR STOOL TO FIRST FULL MASONRY JOINT BELOW WINDOW. PREPARE OPENING AS REQUIRED FOR NEW CONSTRUCTION.
31 CAREFULLY DEMOLISH EXISTING BUILDING STRUCTURE AND PROTECT EXISTING BRICK MASONRY AND BUILDING STRUCTURE TO REMAIN.
32 DEMOLISH EXISTING EXTERIOR WALL CONSTRUCTION. COORDINATE WITH ARCHITECTURAL PLAN AND SECTION SHEETS. PROTECT EXISTING ADJACENT CONSTRUCTION AND BUILDING STRUCTURE TO REMAIN.
33 PROTECT EXISTING LOAD-BEARING WALLS TO REMAIN.
34 DEMOLISH EXISTING WALL CONSTRUCTION AS REQUIRED FOR NEW CONSTRUCTION AND TO 8" BELOW FLOOR LINE. PATCH CONCRETE FLOOR AS REQUIRE FOR NEW FINISH.
35 REMOVE EXISTING ACOUSTIC CEILING TILE PADS. CLEAN CEILING GRID. INSTALL NEW ACOUSTIC CEILING TILE PADS.
36 REFERENCE MEP DOCUMENTS FOR FIRE PROTECTION REGARDING CONFIGURATION OF MECHANICAL SYSTEM ABOVE CEILING
37 DEMOLISH EXISTING ROLLING GRILLE COMPLETE
38 BUSH HAMMER EXISTING DAMAGED FLOOR SLAB. PREP TO TO RECEIVE NEW FLOOR LEVELER.
39 REMOVE EXISTING SPORT FLOOR. SHOT BLAST FLOOR IN PREPARATION FOR NEW SPORT FLOORING.
40 PREPARE EXISTING CONCRETE FLOOR AS REQUIRED TO RECEIVE NEW FINISHES AND TO ACHIEVE A SMOOTH TRANSITION BETWEEN FINISHES.
41 REMOVE METAL COPING. REMOVE UPPER FACE BRICK AS REQUIRED.
42 REMOVE MIRRORS IN THEIR ENTIRETY. REPAIR WALL AS REQUIRED FOR NEW FINISHES.
43 REMOVE SHELVING COMPLETE. IF WALLS ARE TO REMAIN – REPAIR WALL AS REQUIRED FOR NEW FINISHES.
44 REMOVE EXISTING EIFS DOWN TO CMU WALL.
45 REMOVE EXISTING CARPET
46 EXISTING TWO STORY CEILING TO REMAIN
47 EXISTING CONSTRUCTION TO REMAIN.
48 REMOVE EXISTING COURTYARD CONCRETE PAVING, STEPS, AND SEATING PREPARE FOR NEW CONSTRUCTION.
49 REMOVE ROOF STRUCTURE AND FRAMING
50 REMOVE EXISTING DOOR AND DOOR HARDWARE COMPLETE – STORE DOOR FOR REFINISHING AND NEW HARDWARE. REINSTALL DOOR ONCE COMPLETE.
51 EXISTING FLOORING TO REMAIN. PROTECT DURING CONSTRUCTION.
52 EXISTING CEILING HUNG BATTING CAGES AND BACKBOARDS TO REMAIN
53 EXISTING MAT HOIST TO REMAIN
54 EXISTING TENNIS/ VOLLEYBALL/ BADMINTON FLOOR SLEEVES TO REMAIN
55 EXISTING ROLL-FOLD DIVIDER CURTAIN TO REMAIN

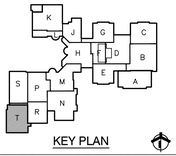
1 / AD-117 UNIT "T" FIRST FLOOR DEMOLITION PLAN
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

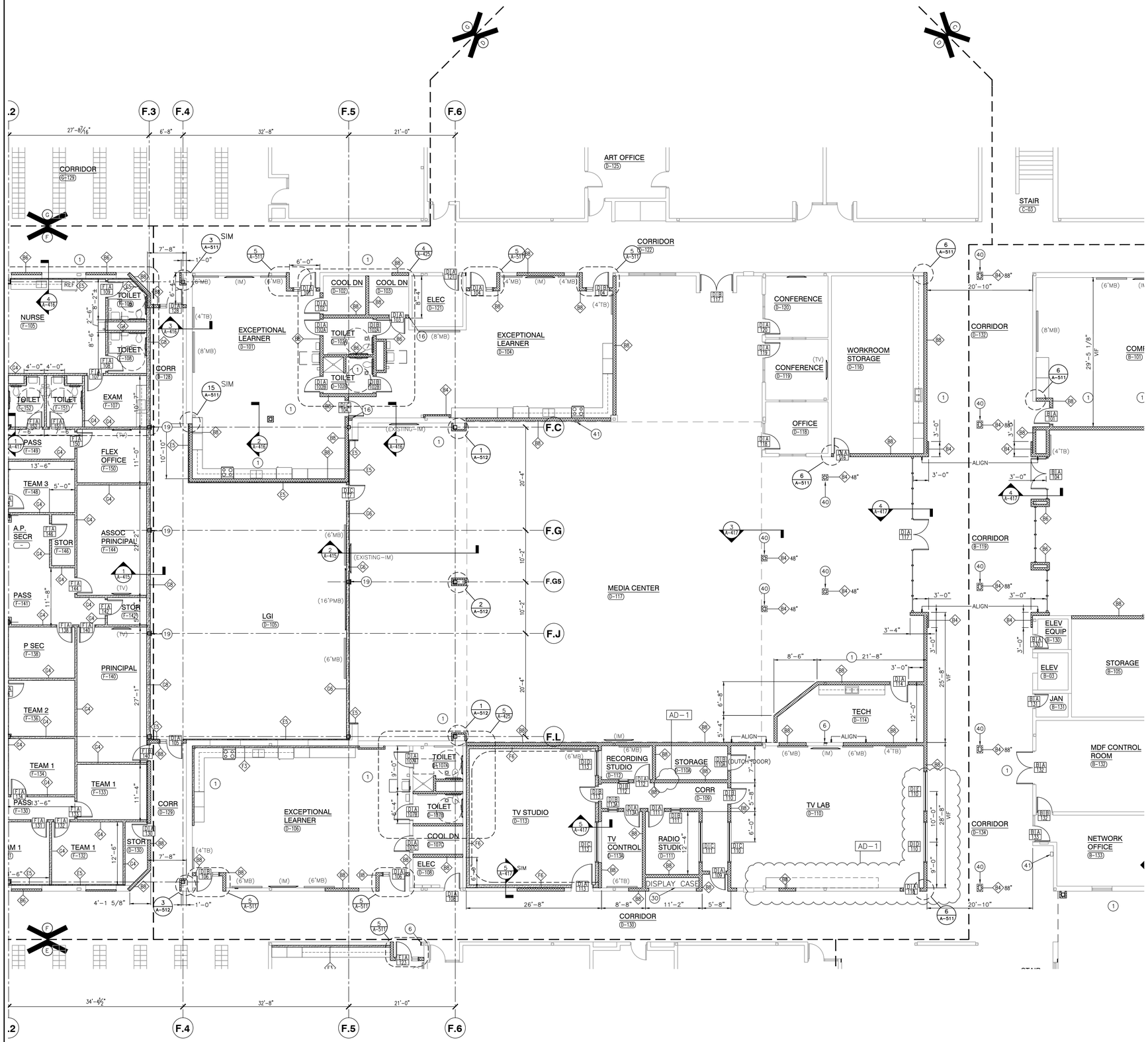
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "T" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET T AD-117

Friday, 10/22/2021 - 11:00 AM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\AD-117.DWG



1 A-104 UNIT "D" 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 THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

J. 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 BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

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

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
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. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. REFER TO DETAIL XXX FOR INTERSECTING WALL CONDITION
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. 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.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL 5" CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED ARCHITECT ND. 11600109 STATE OF INDIANA

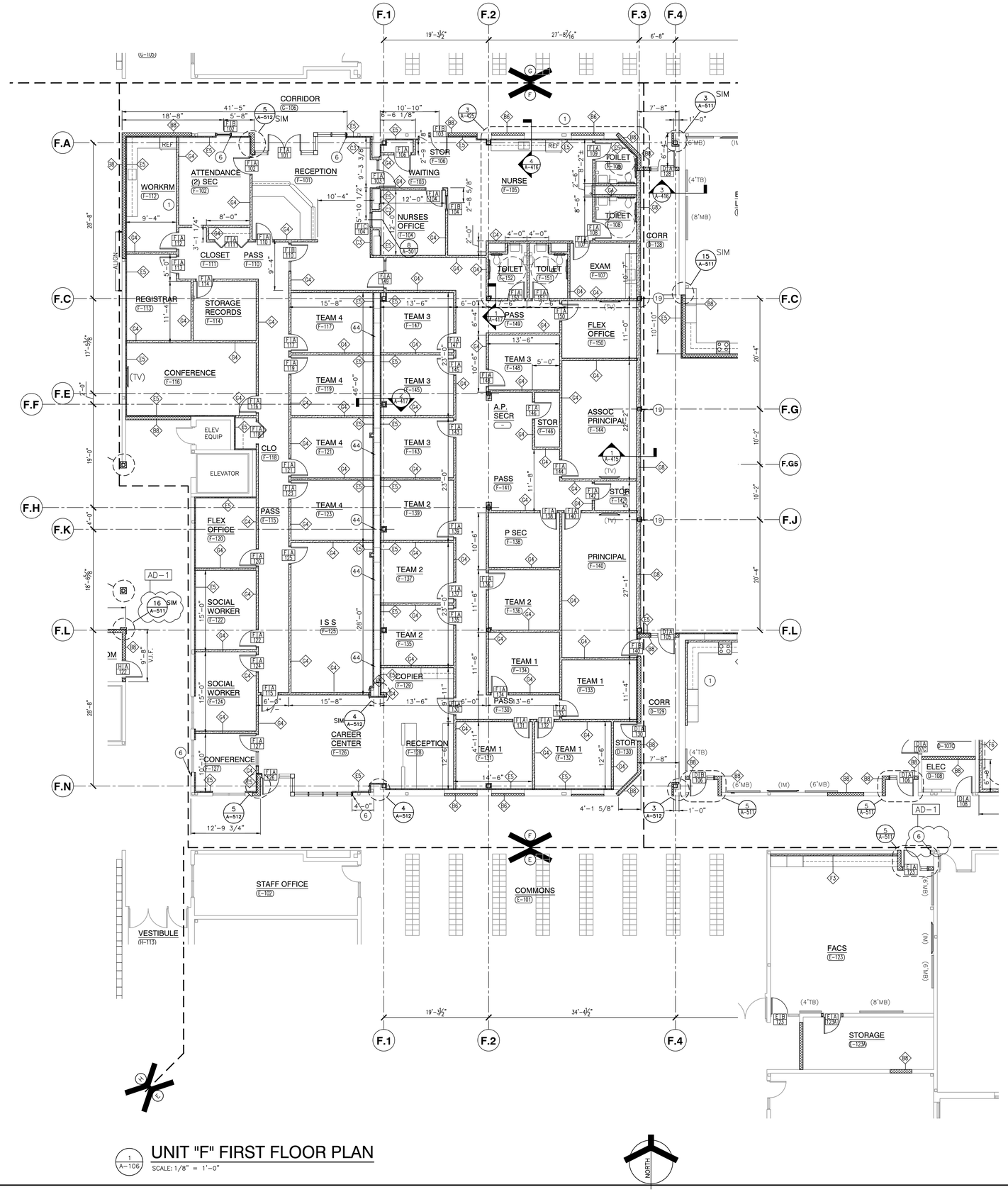
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET A-104



1 A-106 **UNIT "F" 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 THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

J. 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 BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

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

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
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. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. REFER TO DETAIL XXX FOR INTERSECTING WALL CONDITION
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. 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.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL 5" CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "F" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET F A-106

Thursday, 10/21/2021 - 6:38 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-106.DWG

UNIT "H" FIRST FLOOR PLAN

1 / A-108

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 THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

J. 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 BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

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

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
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. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. REFER TO DETAIL XXX FOR INTERSECTING WALL CONDITION
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. 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.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL 5" CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

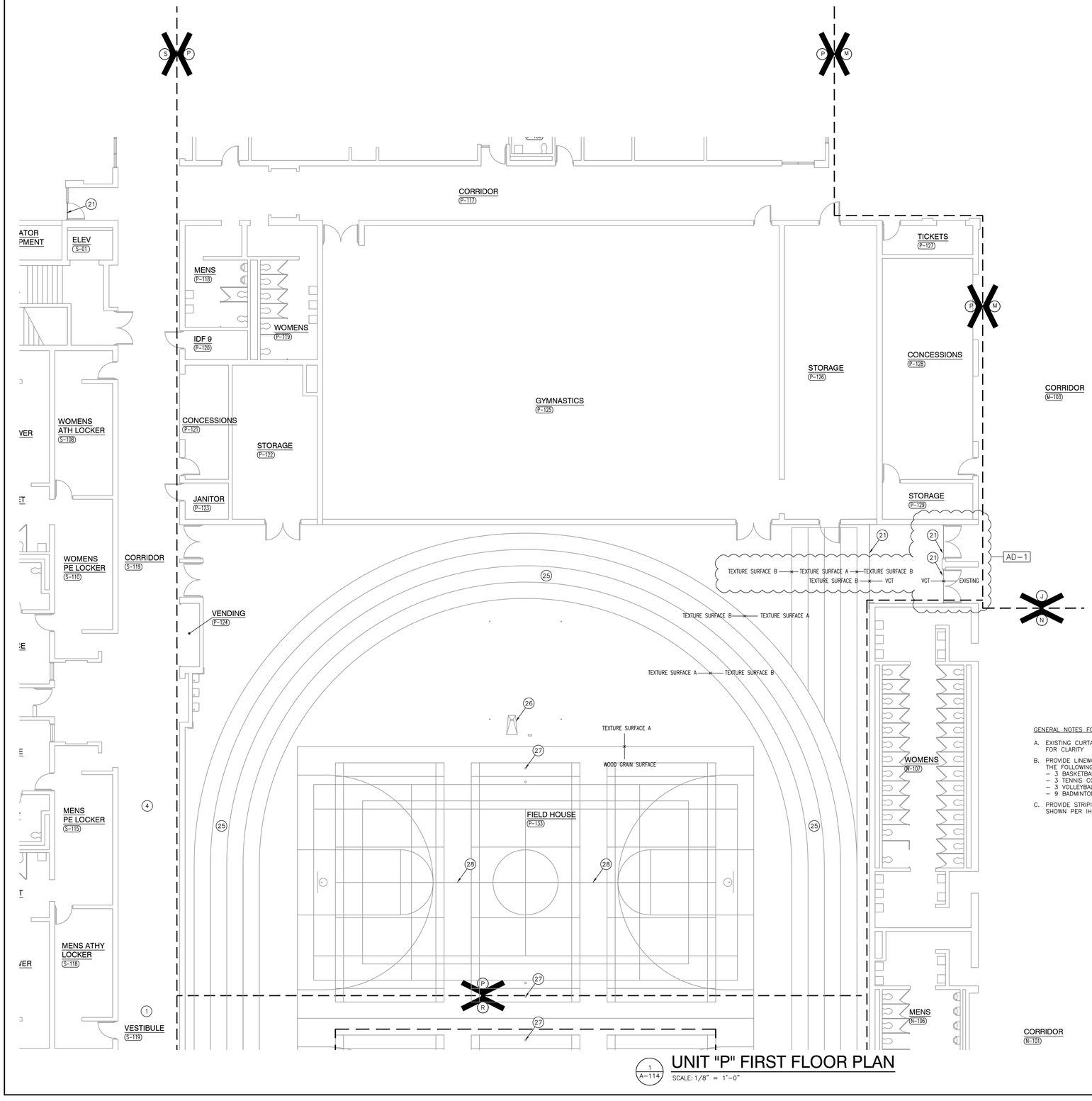
DRAWING
UNIT "H" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET H

SHEET A-108

Thursday, 10/21/2021 - 6:39 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-108.DWG



1 / A-114 UNIT "P" FIRST FLOOR PLAN

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

GENERAL NOTES FOR FIELDHOUSE P-133

A. EXISTING CURTAIN, MAT LIFTER, AND BATTING CAGES NOT SHOWN FOR CLARITY

B. PROVIDE LINEWORK AND MARKINGS PER IHSA STANDARDS FOR THE FOLLOWING:
- 3 BASKETBALL COURTS
- 3 TENNIS COURTS
- 3 VOLLEYBALL COURTS
- 9 BADMINTON COURTS

C. PROVIDE STRIPING AND MARKINGS FOR THE 4 LANE TRACK SHOWN PER IHSA STANDARDS

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 THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

J. 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 BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

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

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
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. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. REFER TO DETAIL XXX FOR INTERSECTING WALL CONDITION
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. 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.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL 5" CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

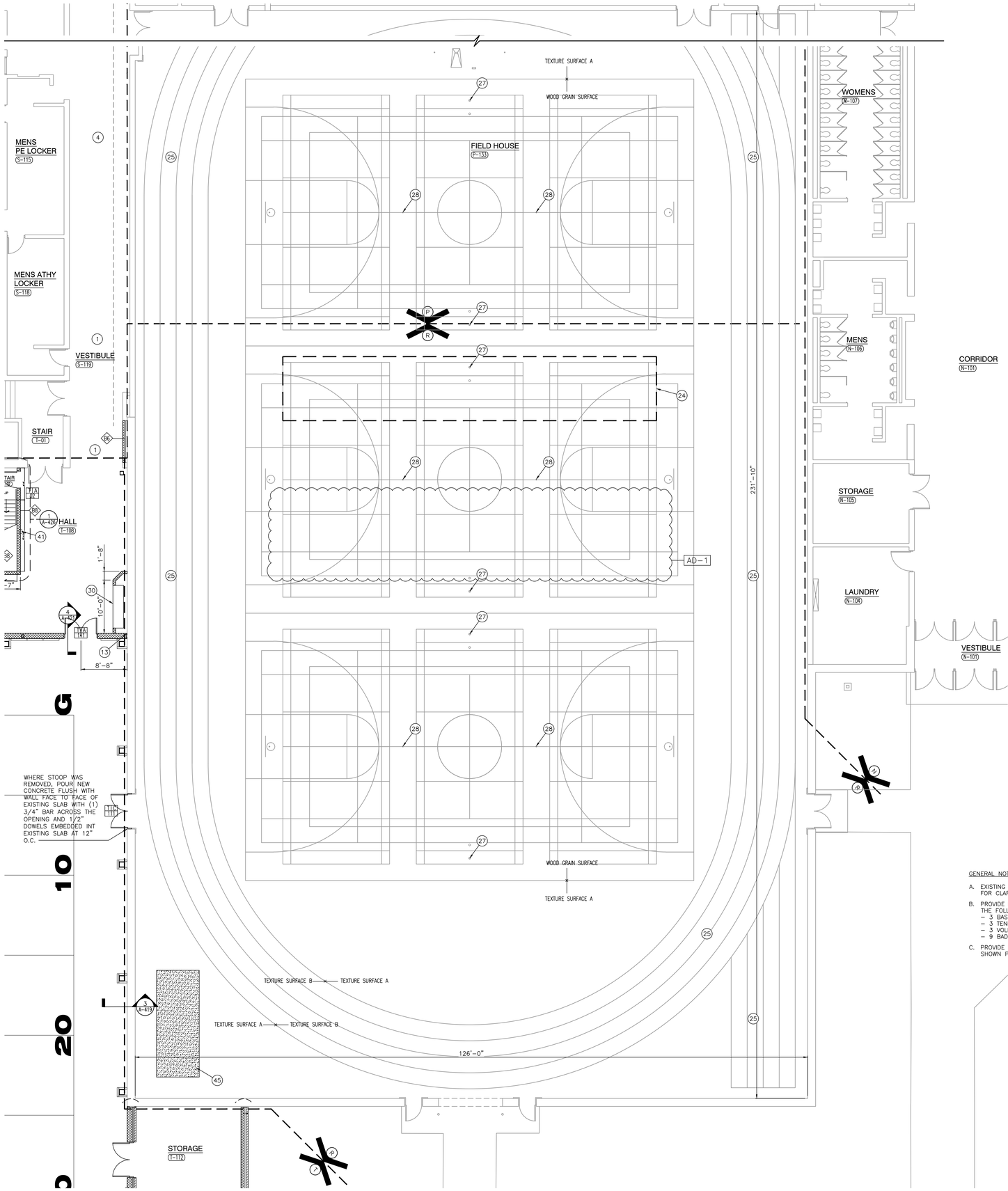
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "P" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET P A-114

Friday, 10/22/2021 - 12:32 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-114.DWG



UNIT "P"/ "R" FIRST FLOOR PLAN

1/A-115 — SCALE: 1/8" = 1'-0"

GENERAL NOTES FOR FIELDHOUSE P-133

A. EXISTING CURTAIN, MAT LIFTER, AND BATTING CAGES NOT SHOWN FOR CLARITY

B. PROVIDE LINEWORK AND MARKINGS PER IHSA STANDARDS FOR THE FOLLOWING:
- 3 BASKETBALL COURTS
- 3 TENNIS COURTS
- 3 VOLLEYBALL COURTS
- 9 BADMINTON COURTS

C. PROVIDE STRIPING AND MARKINGS FOR THE 4 LANE TRACK SHOWN PER IHSA STANDARDS

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 THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

J. 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 BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

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

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

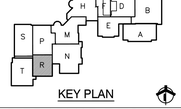
1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER / POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN 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. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. REFER TO DETAIL XXX FOR INTERSECTING WALL CONDITION
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. 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.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL 5" CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

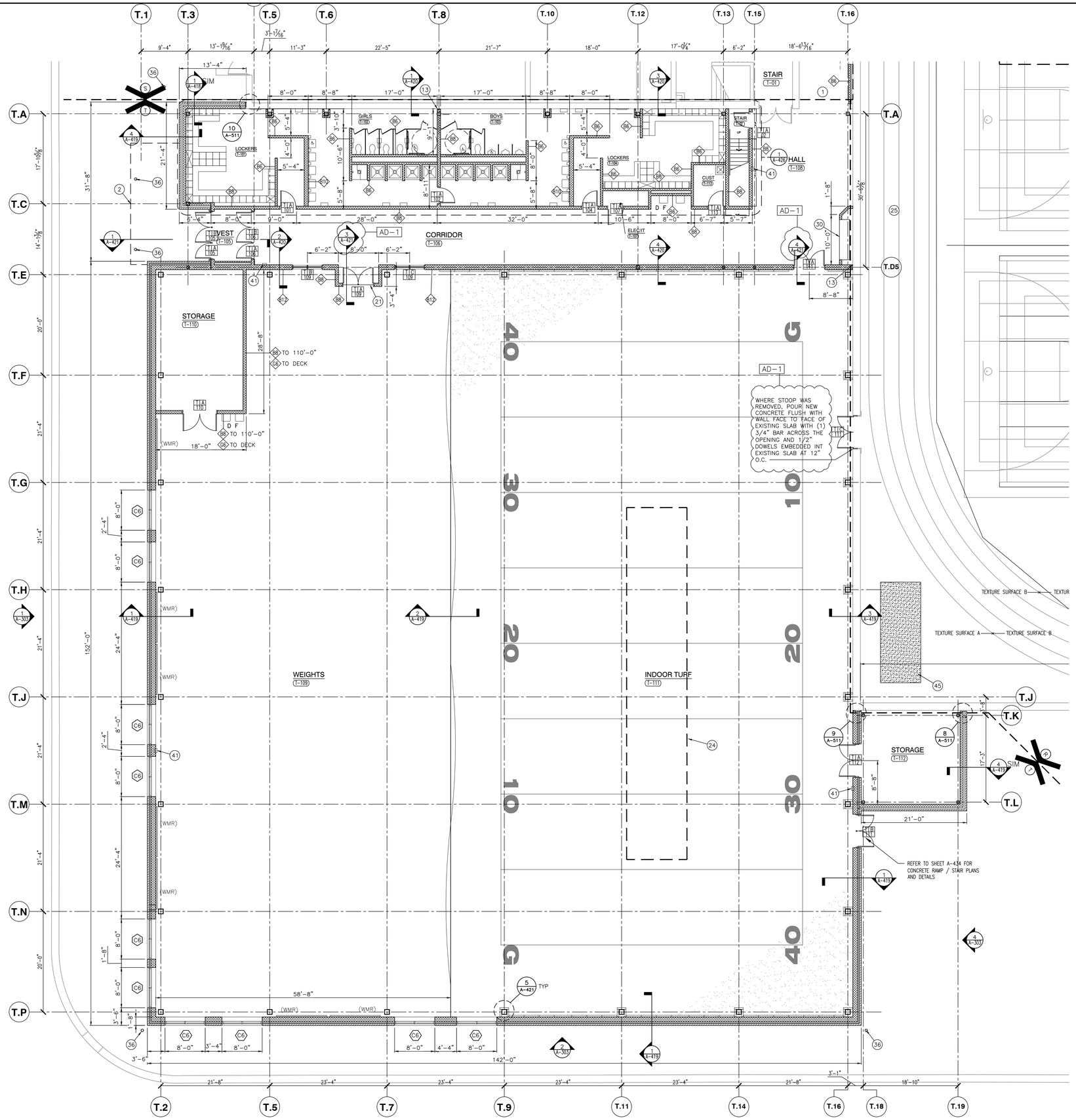
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "R" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET R A-115

Friday, 10/22/2021 - 12:32 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-115.DWG



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 THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'–0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

J. 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 BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

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

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A–600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G–301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
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. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH–IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A–700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A–501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A–511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A–511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A–511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A–511.
16. REFER TO DETAIL XXX FOR INTERSECTING WALL CONDITION
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A–501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A–501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A–211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. 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.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A–434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A–417.
41. SEMI–RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A–501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A–112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A–417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL 5" CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.

1/A–117 UNIT "T" FIRST FLOOR PLAN

SCALE: 1/8" = 1'–0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21–111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

JOSEPH P. BRIGGS REGISTERED ND. 11600109 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10/22/21	ADDENDUM NO. 1

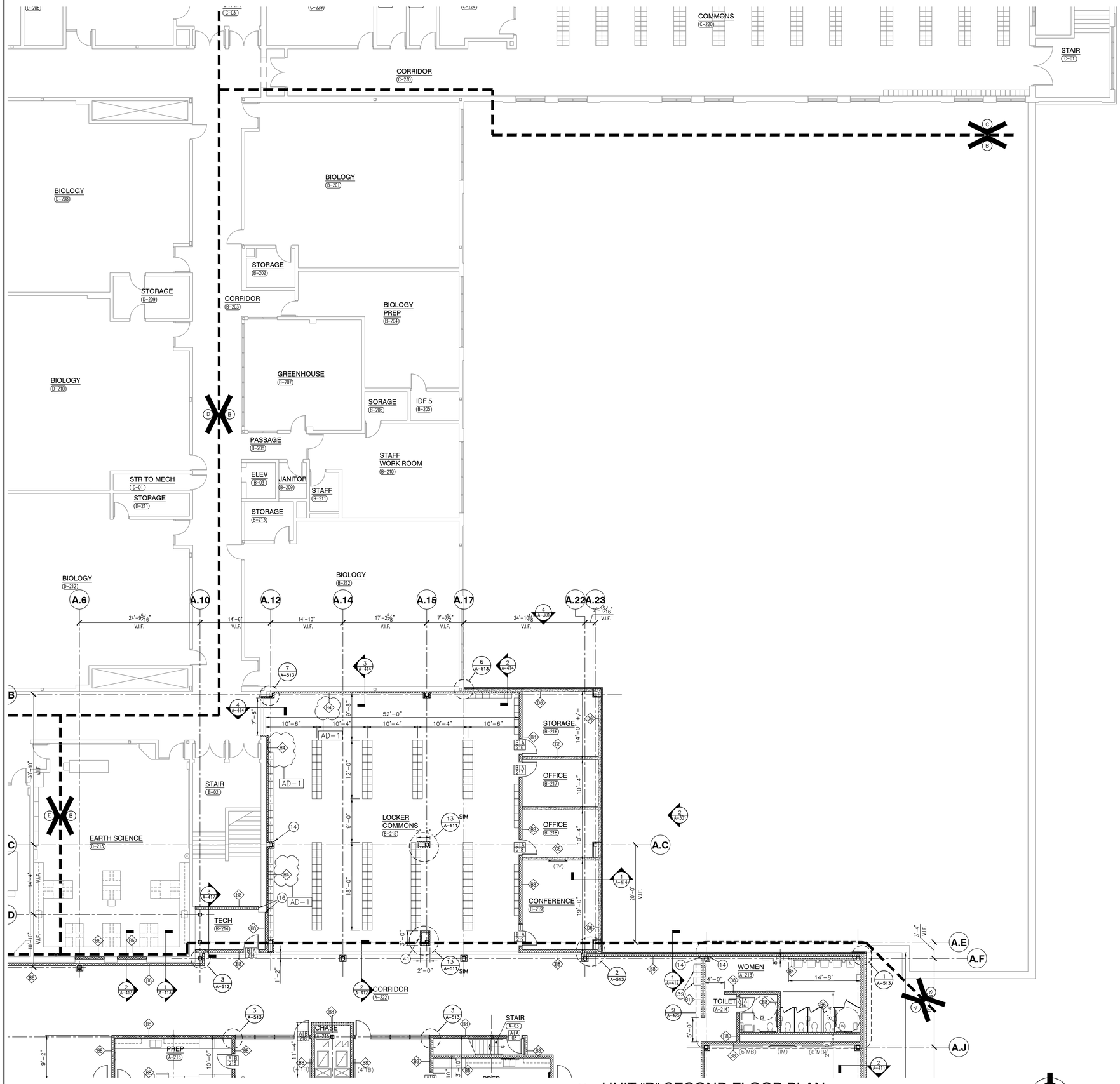
DRAWING
UNIT "T" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET T

SHEET A–117

Friday, 10/22/2021 – 11:00 AM – LAST SAVED BY:EMCCAULEY
Y:\21–111 CROWN POINT CSC – CROWN POINT HIGH SCHOOL\21–111 DRAWINGS\05 ARCH\A–117.DWG



1 A-119 **UNIT "B" SECOND 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 THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

J. 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 BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

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

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

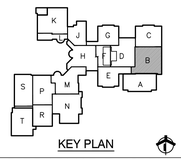
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
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. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. REFER TO DETAIL XXX FOR INTERSECTING WALL CONDITION
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. 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.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL 5" CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

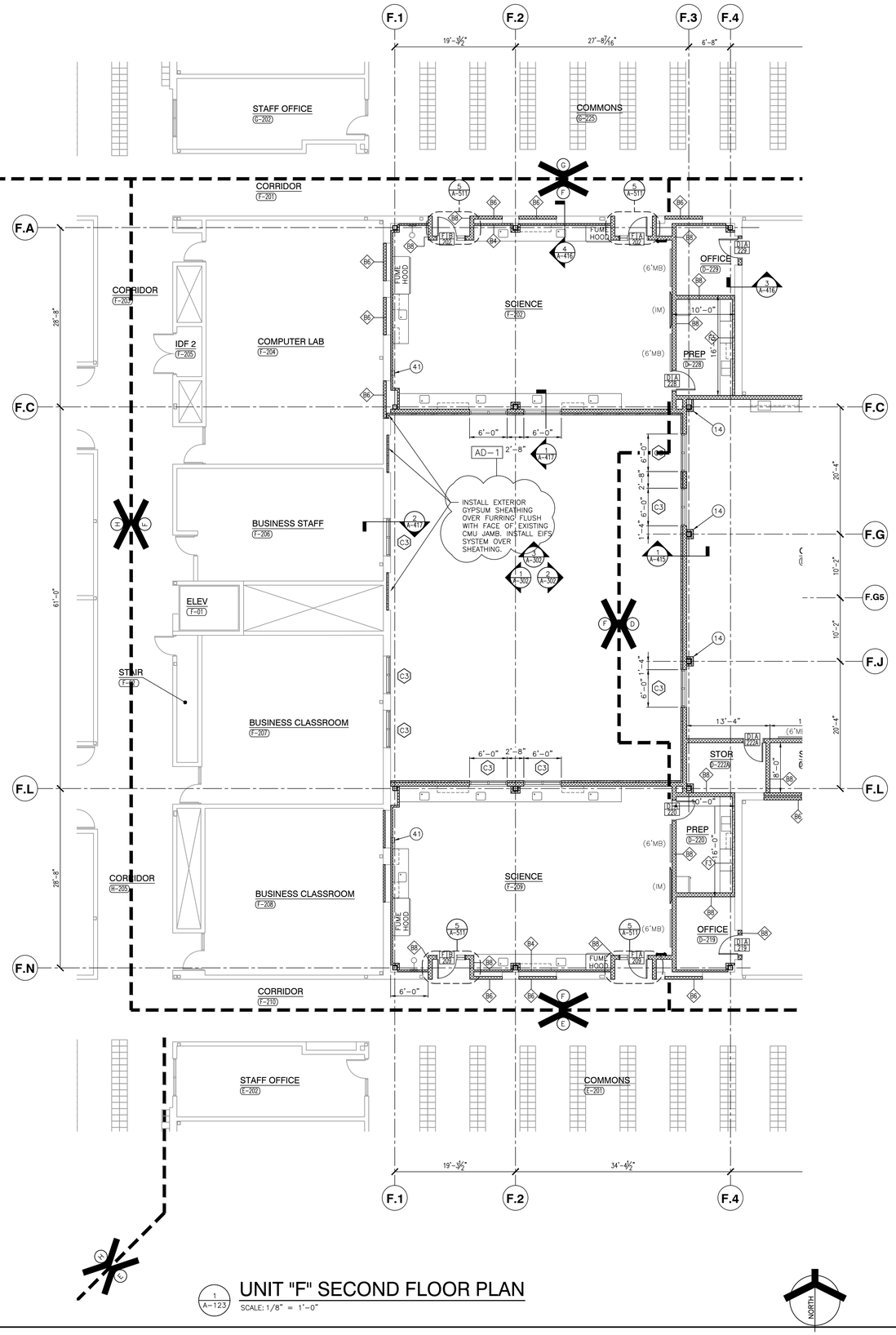
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "B", ARCHITECTURAL SECOND FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET B
A-119

Thursday, 10/21/2021 - 10:56 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-119.DWG



1 A-123 UNIT "F" SECOND 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 THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT FLOOR LINE.

E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.

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

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

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

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

J. 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 BULLNOSE, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.

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

N. ALL CMU FACING COMMON AREAS (STUDENT LOCKER, CORRIDOR, ETC) TO BE SCORED TO RESSEMBLE 8"x8" CMU TO MATCH EXISTING PATTERN.

PLAN LEGEND:

INDICATES ALUMINUM DOOR AND WINDOW SYSTEM. REFER TO A-600 SERIES SHEETS FOR ELEVATIONS AND DETAILS.

INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

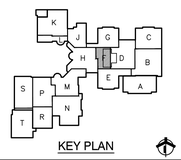
1. CONCRETE VOID SLAB/WALK. REFER TO STRUCTURAL SHEETS.
2. LINE OF NEW CANOPY. REFER TO SECTIONS.
3. PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES
4. BACKFILL PER SPEC AND REPAIR VAPOR BARRIER / POUR NEW SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES.
5. WHERE DOOR FRAME HAS BEEN 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. INFILL EXISTING OPENING WITH SALVAGED FACE BRICK AND 8" CMU. TOOTH IN BRICK AND CMU INTO EXISTING MASONRY WALL. PROVIDE WIRE LADDER TIES BETWEEN BRICK AND BLOCK EVERY 16" VERTICAL
8. TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES
9. EXISTING EXPOSED CMU WALL CONSTRUCTION. PATCH / REPAIR/ TOOTH-IN TO MATCH COURSING BOND PATTERN OF WALL.
10. REFER TO A-700 SERIES SHEETS FOR CASEWORK, EQUIPMENT, AND MILLWORK LAYOUTS
11. SEMI RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-501
12. JAMB DETAIL SIMILAR TO DETAIL 3/A-511
13. EXPANSION DETAIL SIMILAR TO DETAIL 11/A-511 WITH COMPRESSIBLE WALL JOINT EXPANSION MATERIAL.
14. TYPICAL COLUMN ENCLOSURE. REFER TO DETAIL 12/A-511
15. CMU WALL IN LINE WITH STEEL COLUMN. REFER TO DETAIL 14/A-511.
16. REFER TO DETAIL XXX FOR INTERSECTING WALL CONDITION
17. NEW METAL LOCKERS. PROVIDE NEW CLOSURES AS REQUIRED FOR NEW CONSTRUCTION. REFER TO SHEET A-501.
18. RELOCATED MEDIA CENTER COUNTER
19. GYPSUM BOARD PILASTER SURROUND WITH E5 WALL TYPE
20. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND WOOD FLOOR SYSTEM
21. PROVIDE THRESHOLD AT TRANSITION BETWEEN RESILIENT AND SPORT FLOOR.
22. REFER TO "K" SERIES SHEETS FOR FOOD SERVICE EQUIPMENT IN THIS ROOM.
23. EXISTING SCOREBOARD LOCATION.
24. ELECTRICALLY OPERATED BATTING/GOLF CAGE LOCATION.
25. CONFIRM FINAL TRACK LAYOUT WITH OWNER. PROVIDE DETAILED SHOP DRAWING INCLUDING DIMENSIONS AND COLORS
26. EXISTING POLE VAULT TROUGH LOCATION
27. EXISTING VOLLEYBALL SLEEVE LOCATION
28. EXISTING BADMINTON STAND LOCATION
29. GYMNASTICS BAR HARDWARE. COORDINATE FINAL LOCATION WITH OWNER.
30. DISPLAY CASE. REFER TO DETAIL 4/ A-501
31. CONCRETE HOUSEKEEPING PAD. VERIFY QUANTITY, SIZE & LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
32. NEW ROOF LADDER. REFER TO DETAIL 16/A-211.
33. DOWNSPOUT AND SPLASH BLOCK.
34. CARD/FAB READER LOCATION. REFER TO ELECTRICAL SHEETS.
35. 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.
36. 6" STEEL PIPE BOLLARD FILLED WITH CONCRETE. REFER TO DETAIL 17/A-434.
37. REFER TO CIVIL SHEETS FOR NEW REINFORCED WALKS
38. FILL IN VACATED SHAFT OPENINGS IN FLOOR (WHETHER INDICATED OR NOT). REFER TO STRUCTURAL SHEETS.
39. WATER FOUNTAIN CUSPIDOR LOCATION
40. EXISTING COLUMN ENCLOSURE TREATMENT. ELEVATION INDICATED IS TO TOP OF 4" CMU ENCLOSURE. REFER TO DETAIL 5/A-417.
41. SEMI-RECESSED FIRE EXTINGUISHER LOCATION. REFER TO DETAIL 10/ A-501
42. NEW POWER/DATA TROUGH. REFER TO DETAIL 5/A-112.
43. CLEAN GLAZING THOROUGHLY. APPLY 3M VELLUM TO INTERIOR FACE OF GLAZING.
44. REFER TO DETAIL 2/A-417 FOR GYPSUM BOARD SUPPORT AT WINDOW INFILL.
45. INSTALL COMPACTED STONE INTO EXISTING VOID LEFT BY PIT REMOVAL. INSTALL 5" CONCRETE SLAB OVER VAPOR BARRIER. SKIMCOAT ENTIRE AREA TO 4 FT BEYOND OPENING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

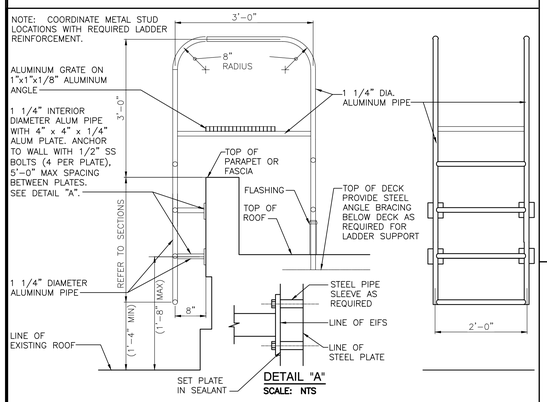
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "F" ARCHITECTURAL SECOND FLOOR PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

F

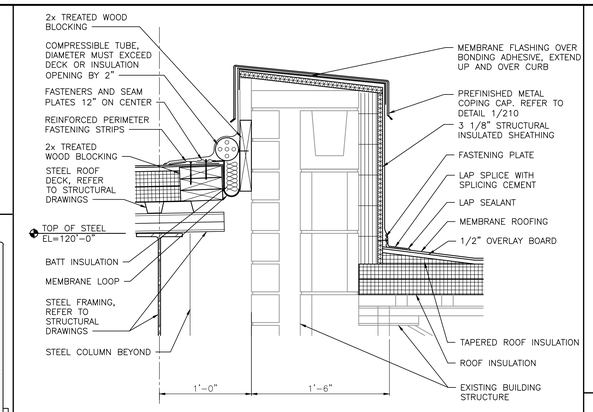
SHEET A-123



DETAIL "A"
SCALE: NTS

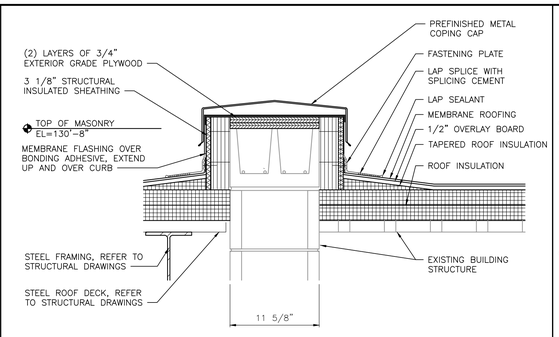
EXTERIOR ALUMINUM LADDER
3/4" = 1'-0"

16 / A-211



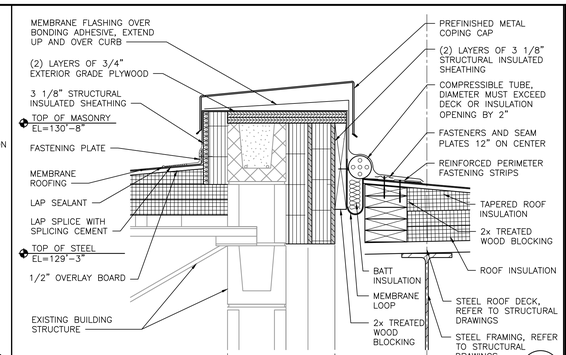
EXPANSION JOINT
1 1/2" = 1'-0"

13 / A-211



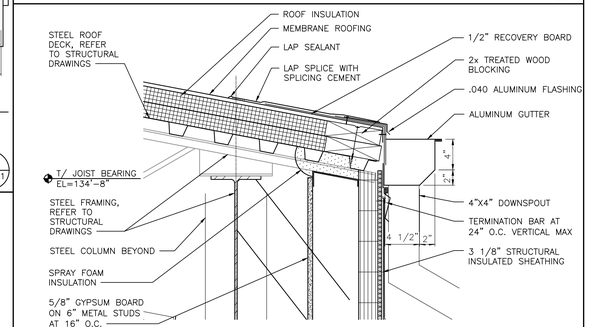
PARAPET
1 1/2" = 1'-0"

9 / A-211



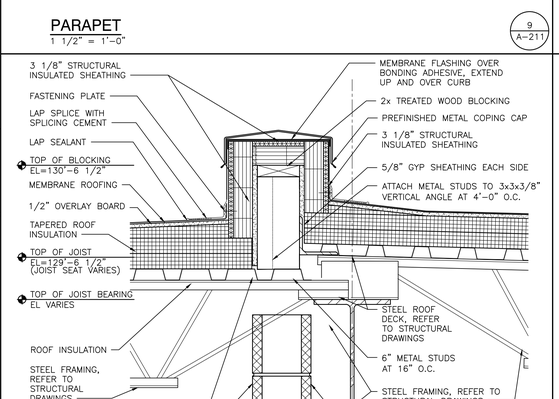
EXPANSION JOINT
1 1/2" = 1'-0"

5 / A-211



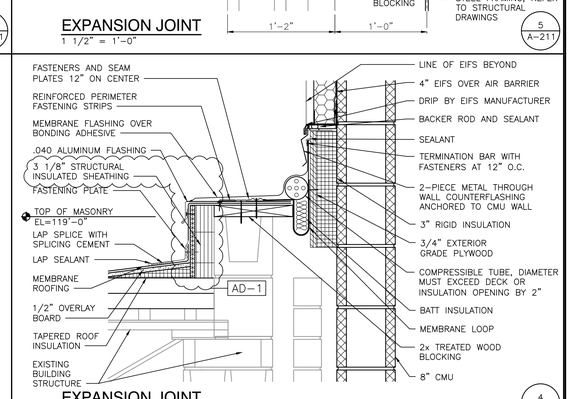
GUTTER
1 1/2" = 1'-0"

12 / A-211



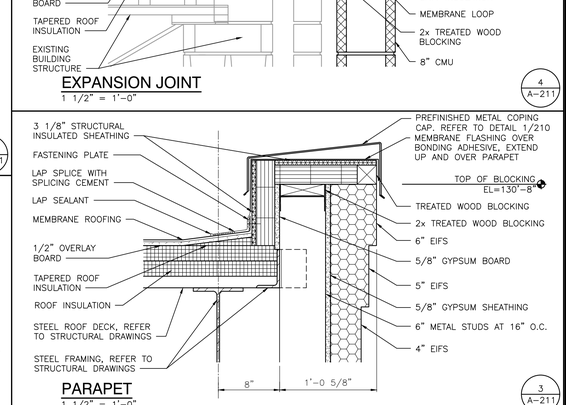
PARAPET
1 1/2" = 1'-0"

8 / A-211



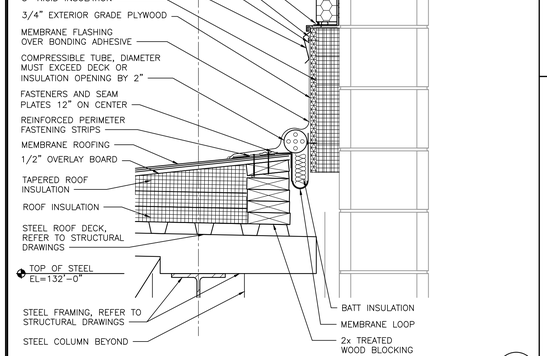
EXPANSION JOINT
1 1/2" = 1'-0"

4 / A-211



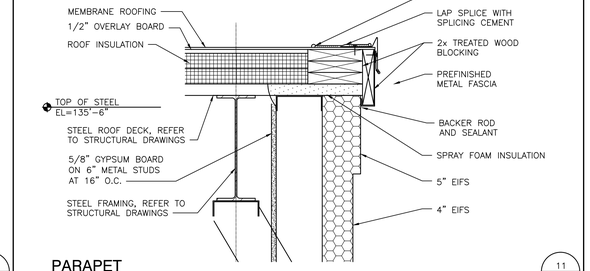
PARAPET
1 1/2" = 1'-0"

3 / A-211



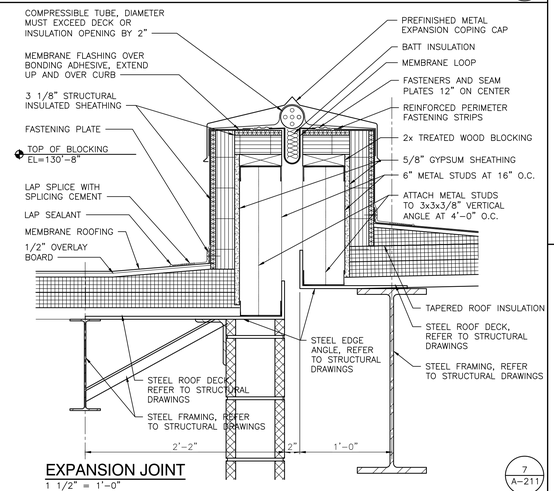
EXPANSION JOINT
1 1/2" = 1'-0"

15 / A-211



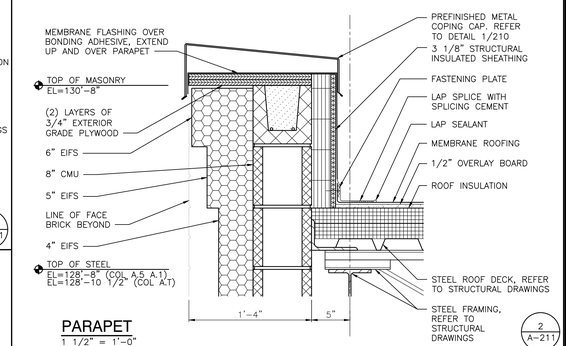
PARAPET
1 1/2" = 1'-0"

11 / A-211



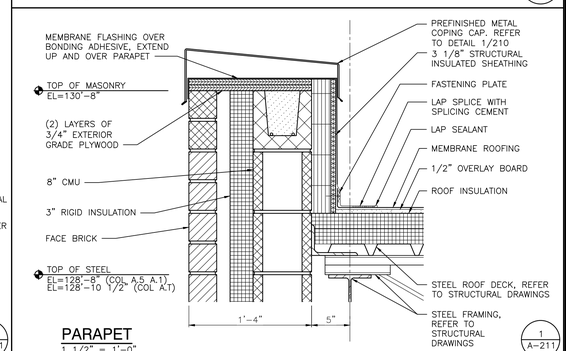
EXPANSION JOINT
1 1/2" = 1'-0"

7 / A-211



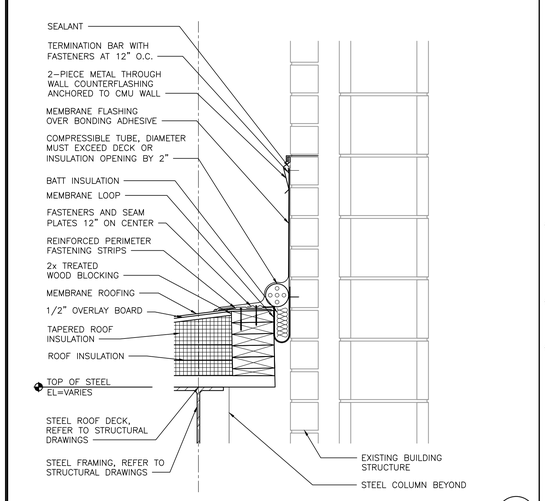
PARAPET
1 1/2" = 1'-0"

2 / A-211



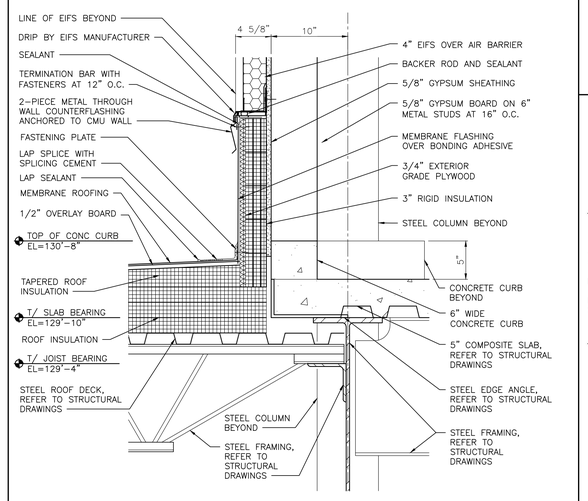
PARAPET
1 1/2" = 1'-0"

1 / A-211



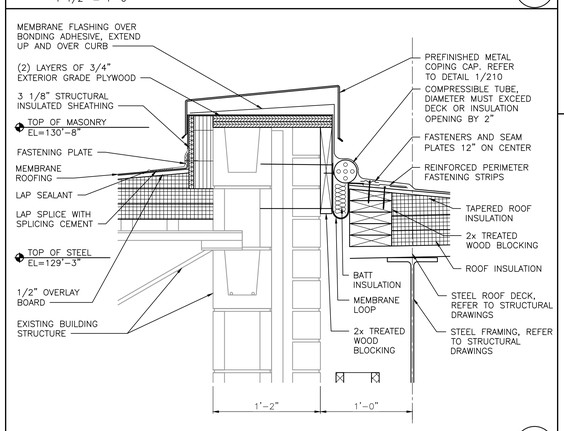
EXPANSION JOINT
1 1/2" = 1'-0"

14 / A-211



PARAPET
1 1/2" = 1'-0"

10 / A-211



EXPANSION JOINT
1 1/2" = 1'-0"

6 / A-211

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

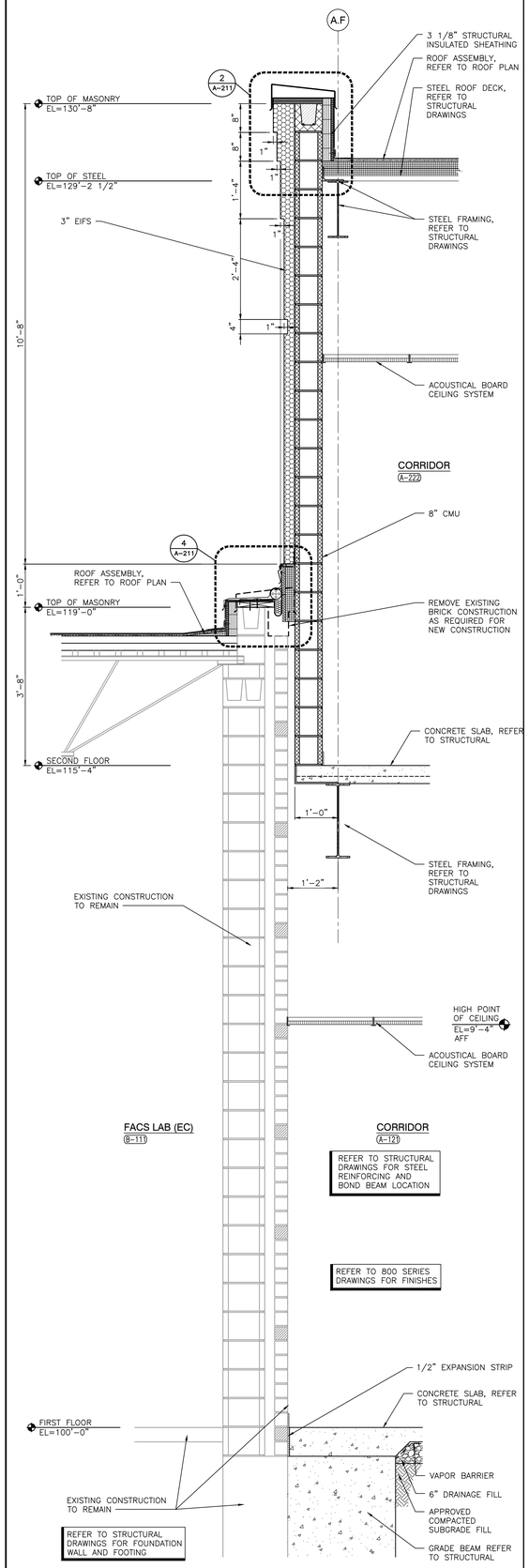
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ROOF DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

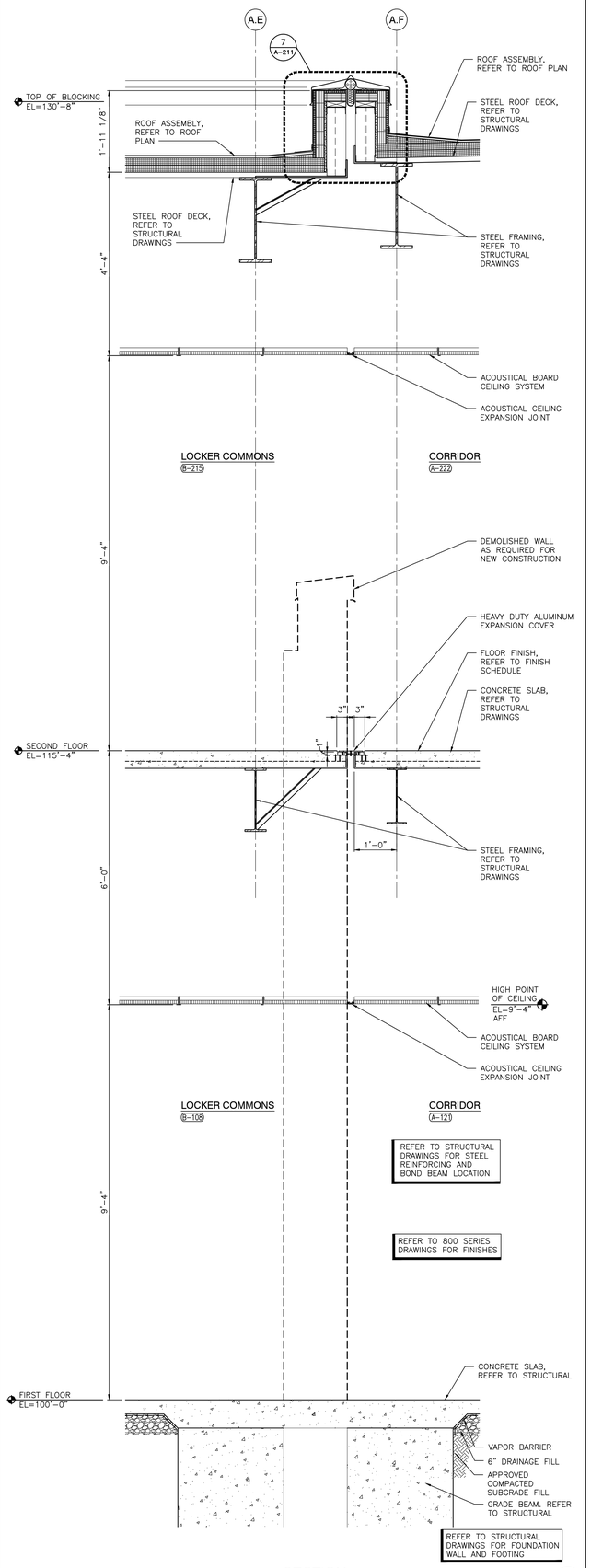
SHEET
A-211

Thursday, 10/21/2021 - 6:36 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-211.DWG



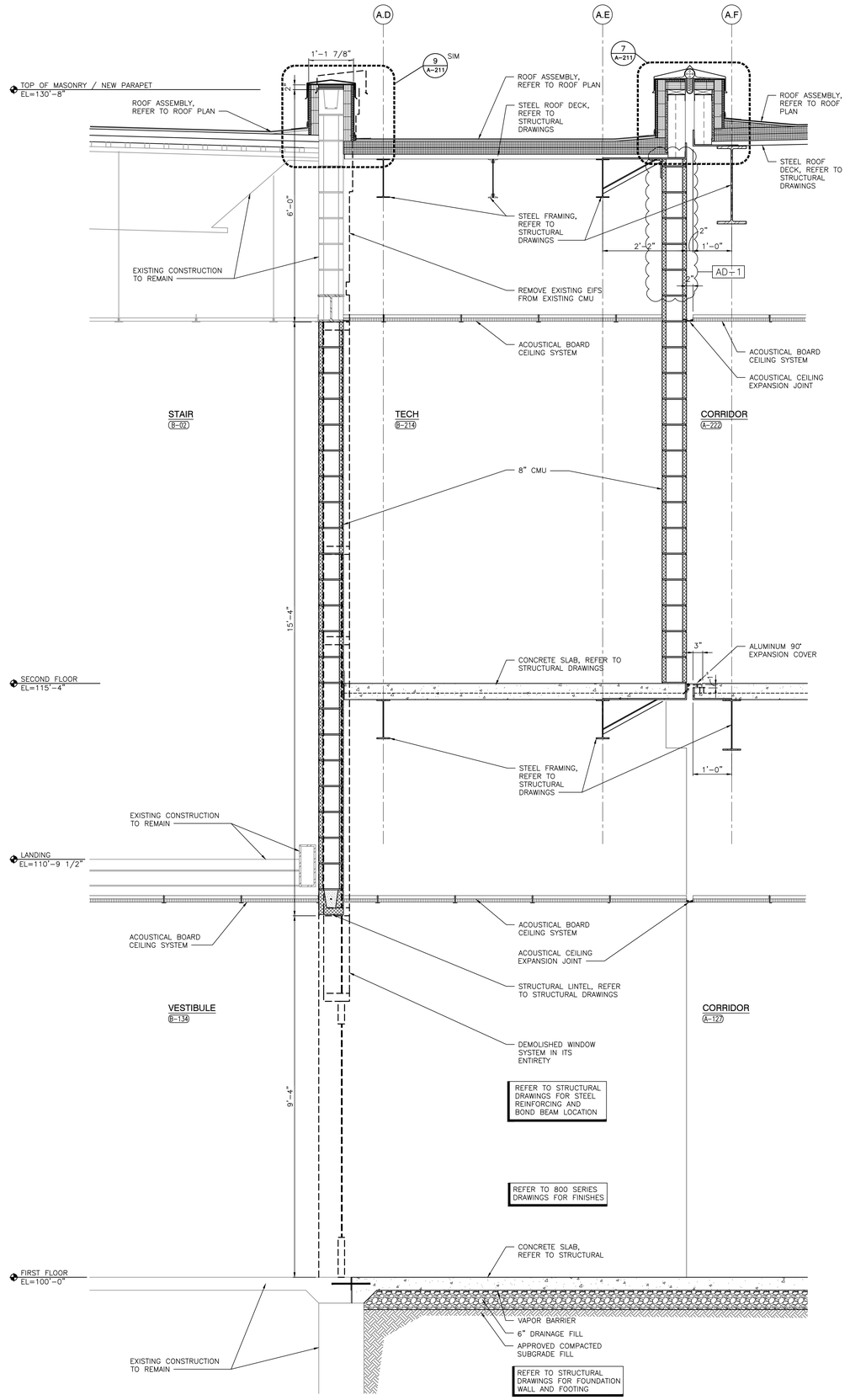
SECTION
SCALE: 3/4" = 1'-0"

1 A-412



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

2 A-412



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

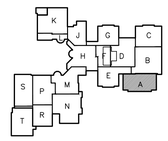
3 A-412

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



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

PROJECT
21-111
DATE
10/11/21
COORDINATED BY
EJM
DRAWN BY
EJM
CHECKED BY
EJM

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

REVISIONS

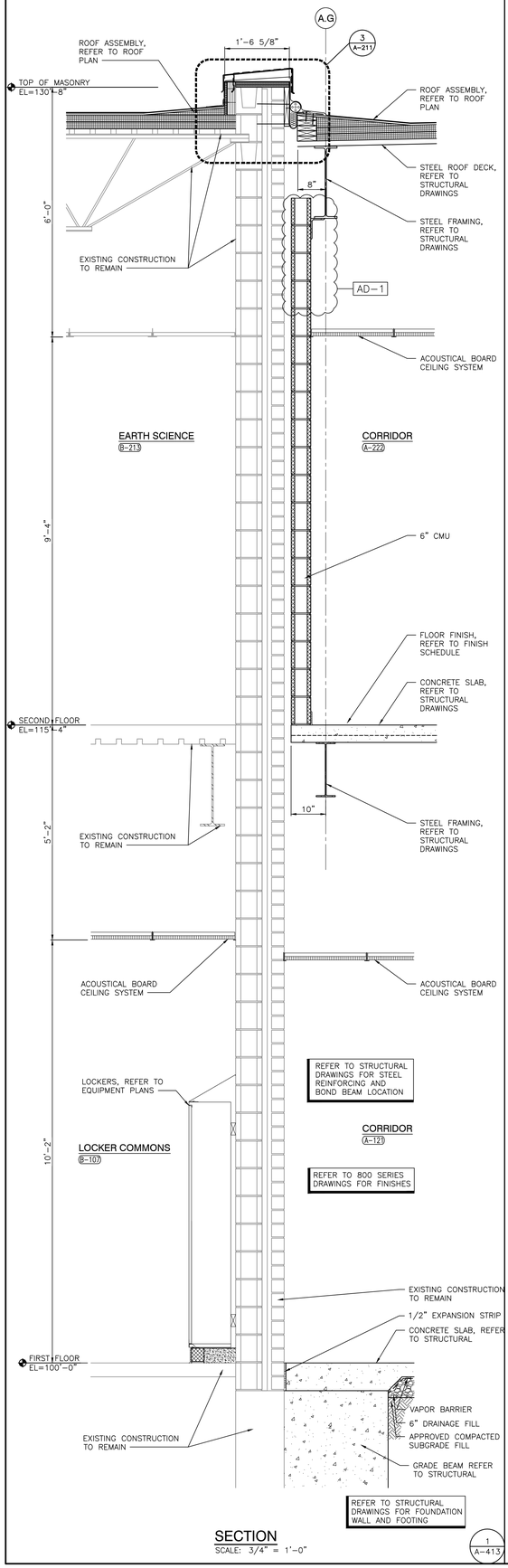
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
WALL SECTIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

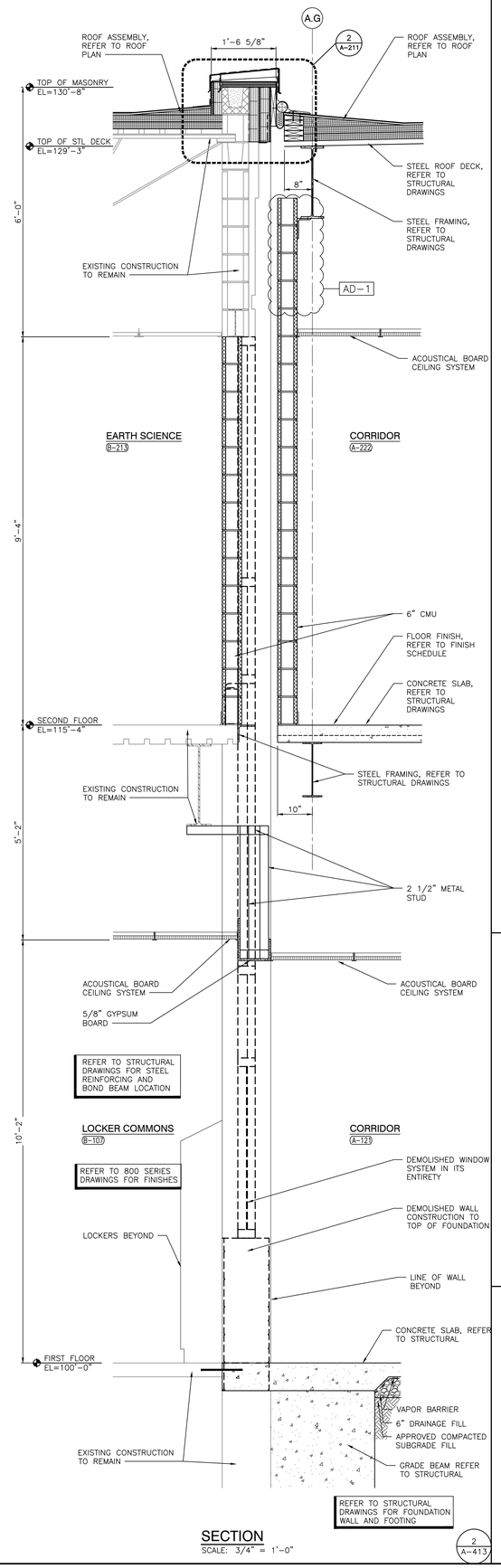
SHEET
A-412

Thursday, 10/21/2021 - 6:24 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-412.DWG



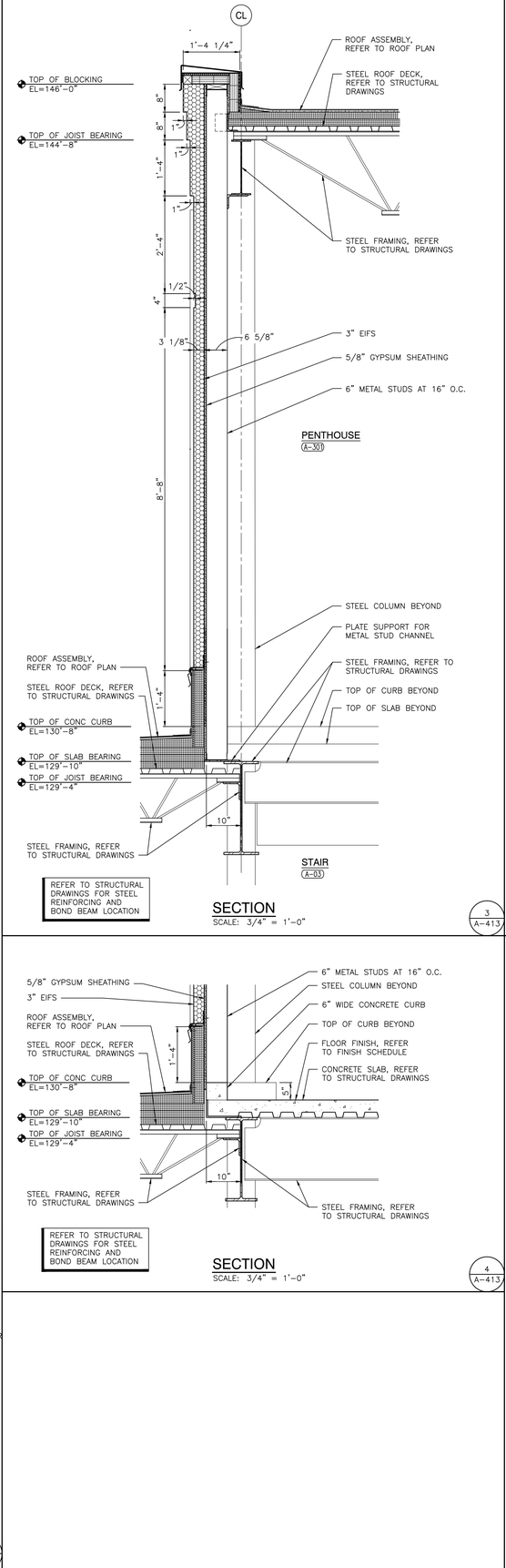
SECTION
SCALE: 3/4" = 1'-0"

1 / A-413



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

2 / A-413

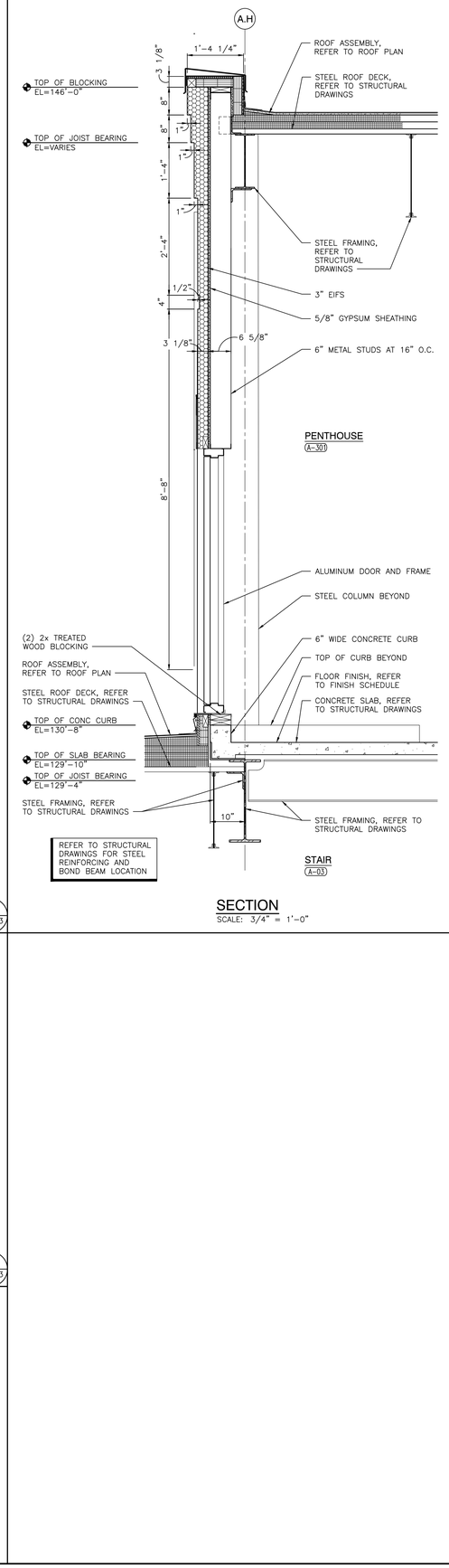


SECTION
SCALE: 3/4" = 1'-0"

3 / A-413

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

4 / A-413



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

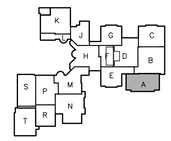
5 / A-413

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

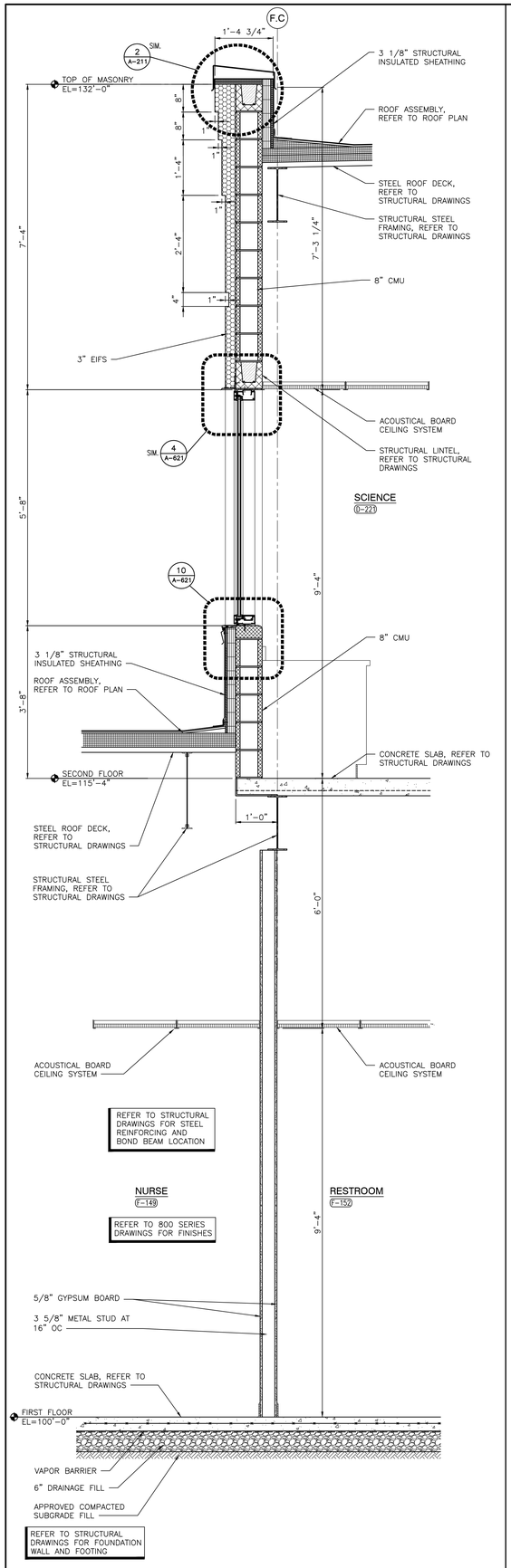
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
WALL SECTIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

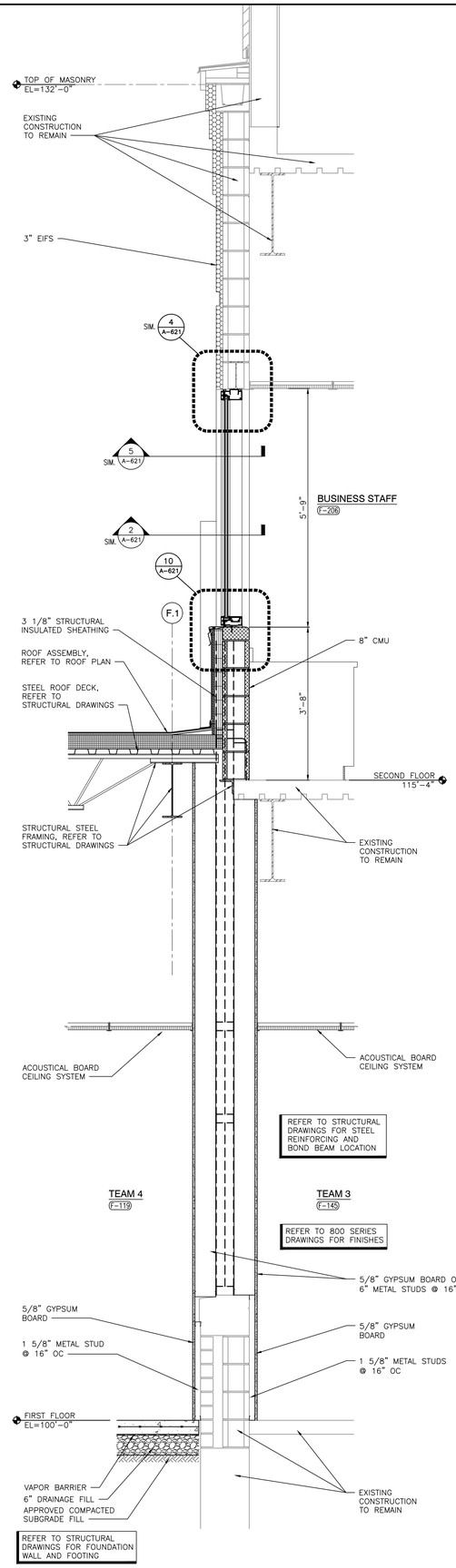
SHEET
A-413

Thursday, 10/21/2021 - 6:37 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-413.DWG



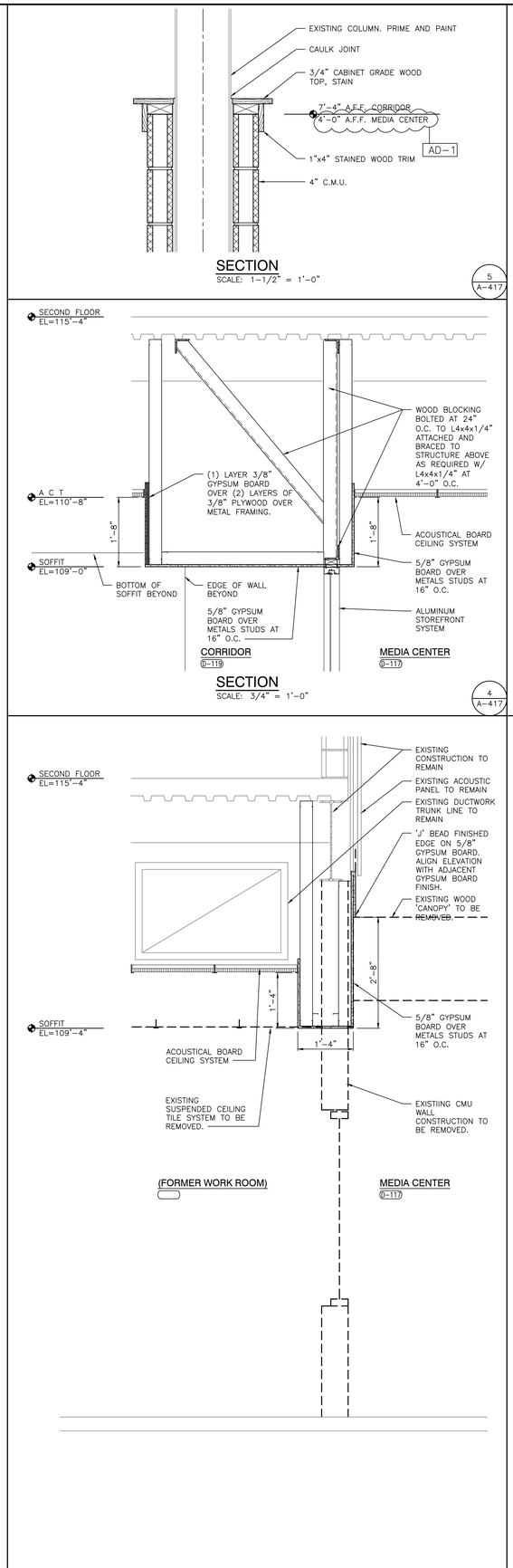
SECTION
SCALE: 3/4" = 1'-0"

1
A-417



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

2
A-417



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

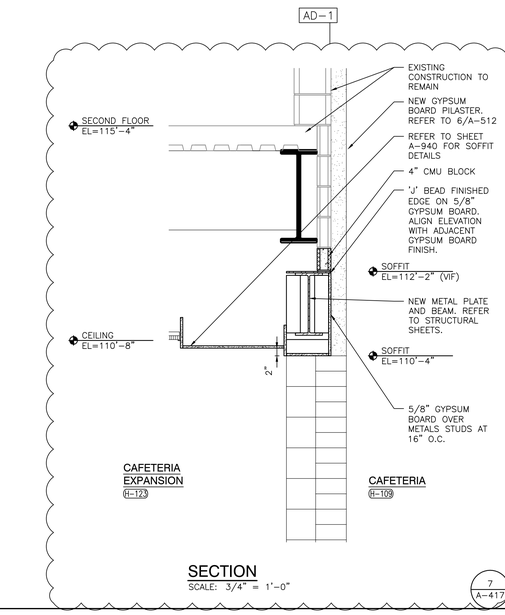
5
A-417

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

4
A-417

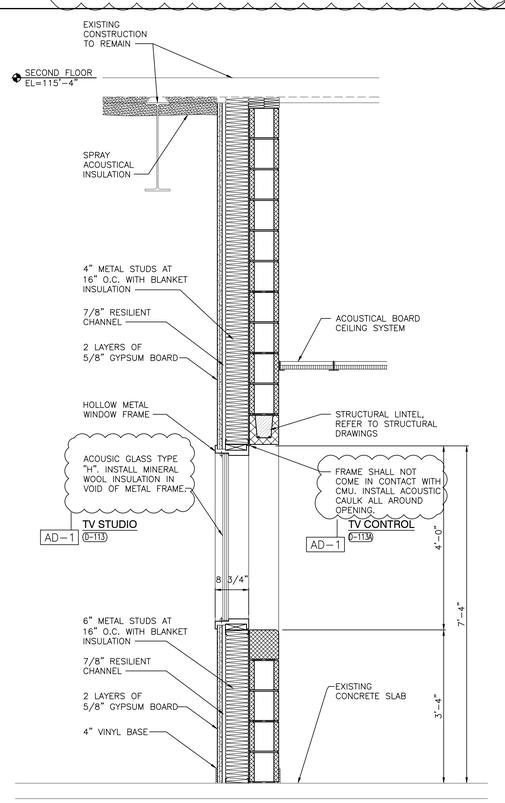
SECTION
SCALE: 3/4" = 1'-0"

3
A-417



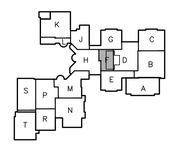
SECTION
SCALE: 3/4" = 1'-0"

7
A-417



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

6
A-417



GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

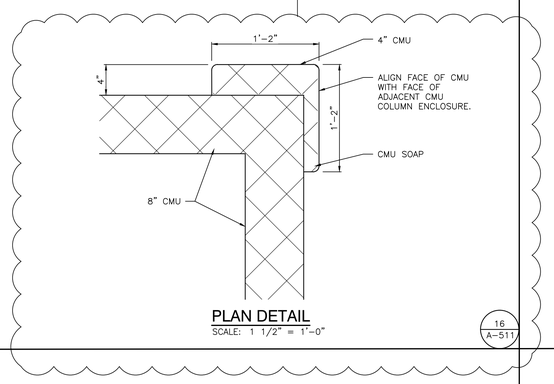
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
WALL SECTIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

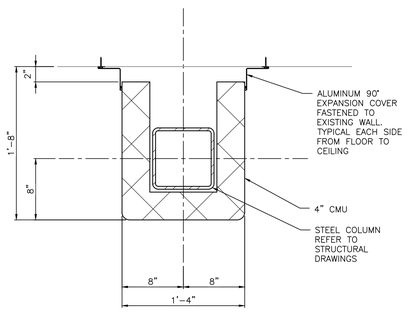
SHEET
A-417

AD–1



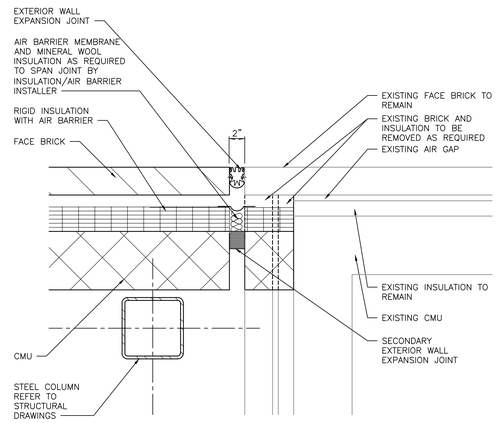
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

16 / A–511



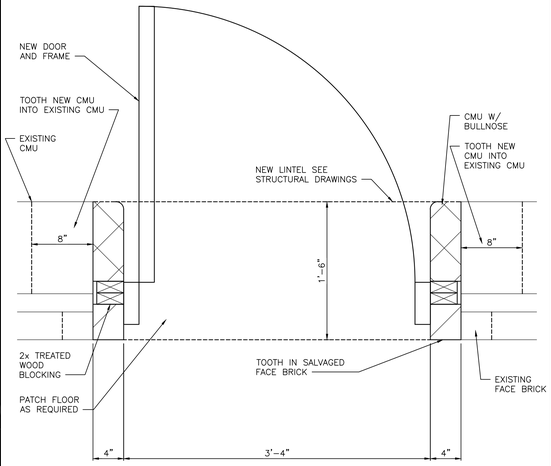
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

11 / A–511



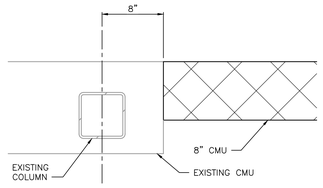
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

7 / A–511



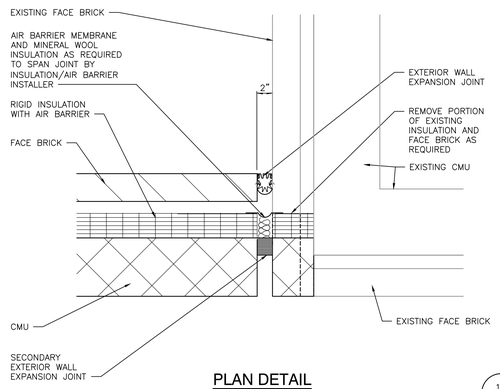
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

3 / A–511



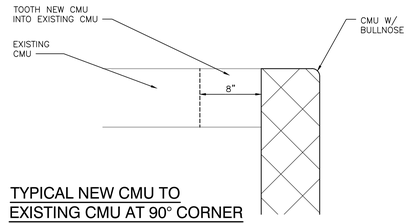
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

15 / A–511



PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

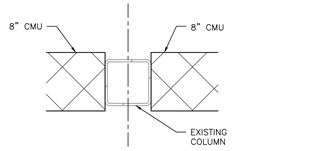
10 / A–511



TYPICAL NEW CMU TO EXISTING CMU AT 90° CORNER

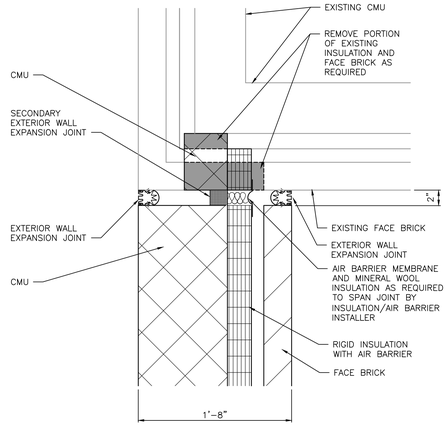
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

6 / A–511



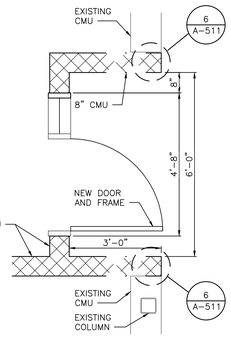
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

14 / A–511



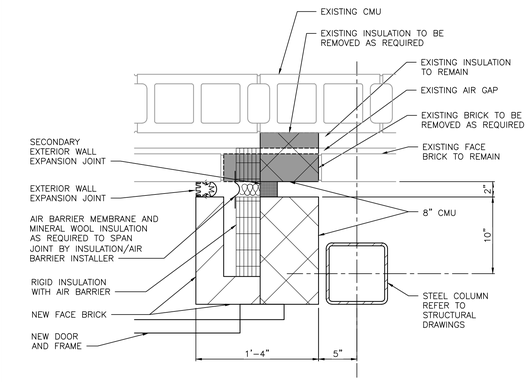
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

9 / A–511



ROOM ENTRY DETAIL
SCALE: 1/2" = 1'–0"

5 / A–511



PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

2 / A–511

PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

13 / A–511

PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

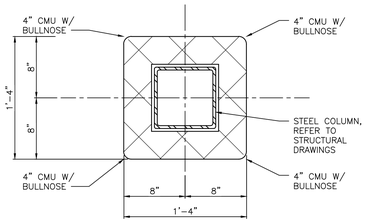
8 / A–511

CLASSROOM ENTRY DETAILS
SCALE: 1/2" = 1'–0"

4 / A–511

PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

1 / A–511



PLAN DETAIL
SCALE: 1 1/2" = 1'–0"

12 / A–511

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21–111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

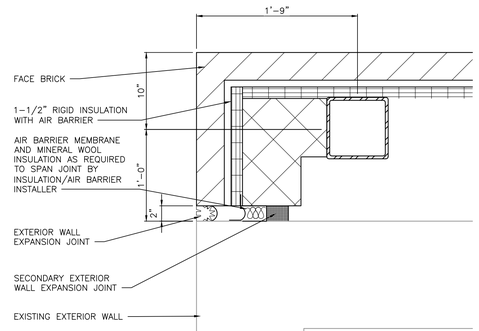
REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10/22/21	ADDENDUM NO. 1

DRAWING
ENLARGED PLAN DETAILS

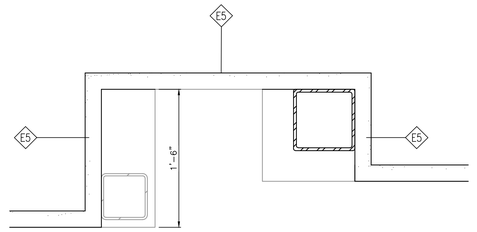
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
A-511



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

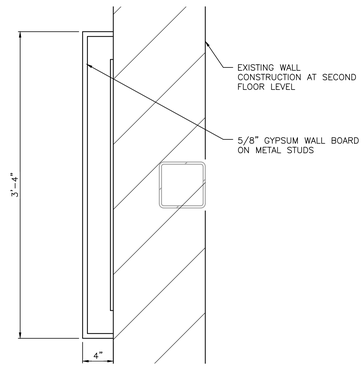
7
A-512



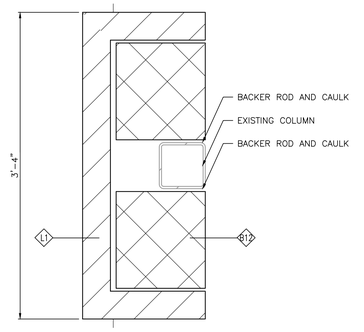
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

4
A-512

SECOND FLOOR LEVEL
SCALE:



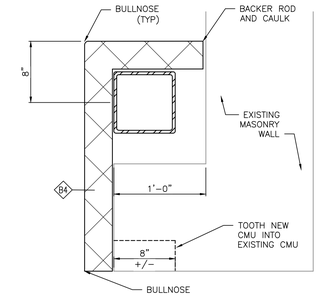
FIRST FLOOR LEVEL
SCALE:



AD-1

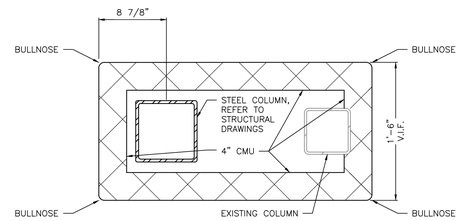
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

6
A-512



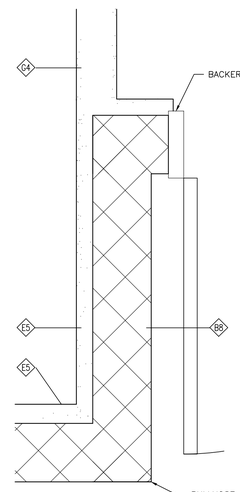
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

3
A-512



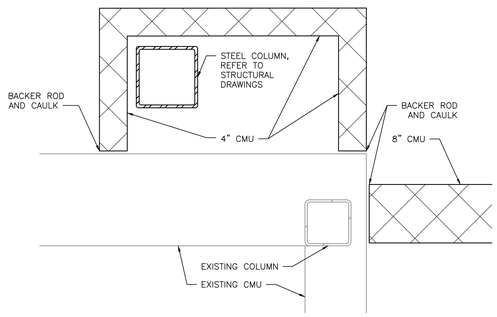
PLAN DETAIL
SCALE: 1 1/2" = 1'-0"

2
A-512



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

5
A-512



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

1
A-512

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY
CHECKED BY

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

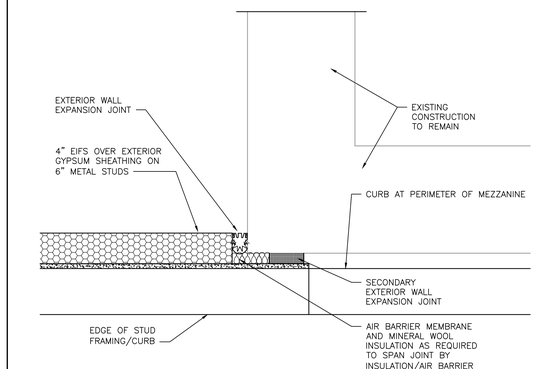
DRAWING
ENLARGED PLAN DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

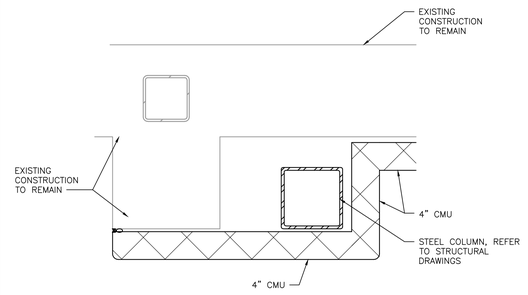
SHEET
A-512

Thursday, 10/21/2021 - 10:56 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-512.DWG

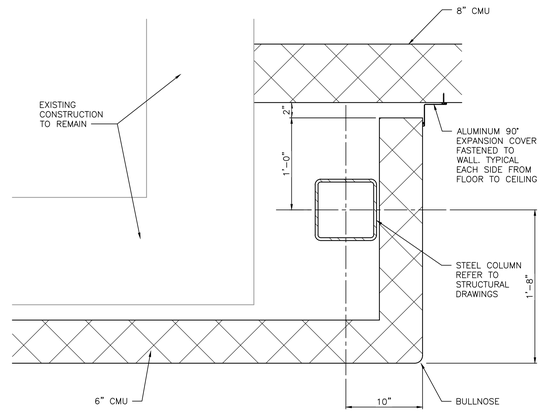
ENTIRE SHEET SHALL BE ADDED TO CONSTRUCTION SET. AD–1



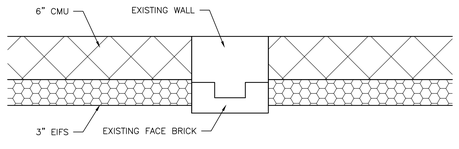
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
11 / A–513



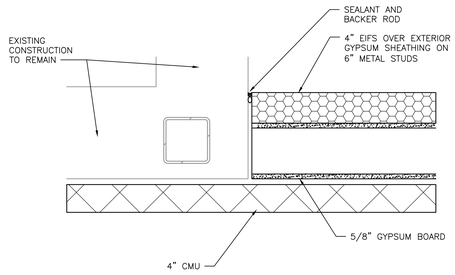
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
7 / A–513



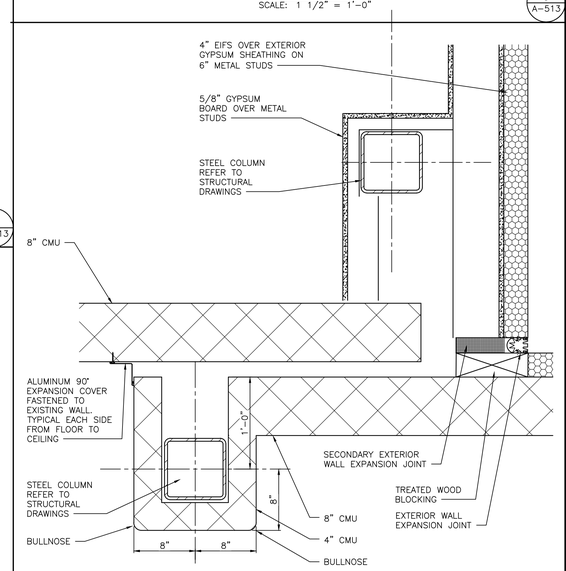
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
3 / A–513



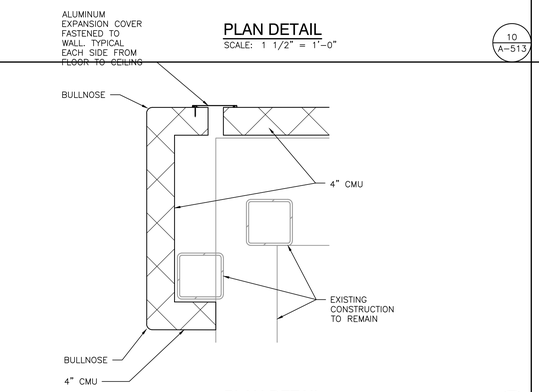
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
10 / A–513



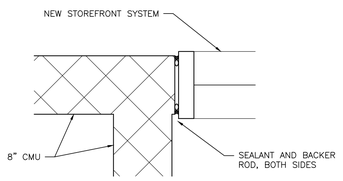
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
6 / A–513



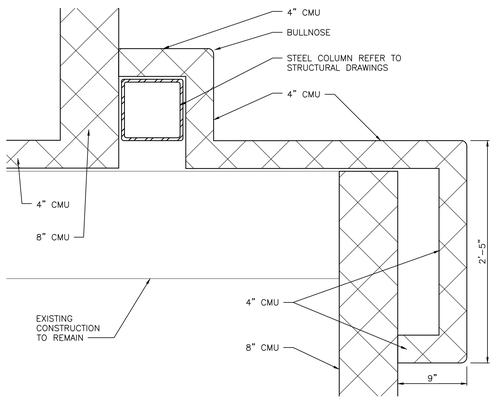
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
2 / A–513



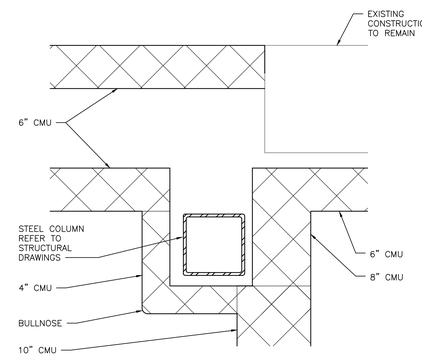
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
9 / A–513



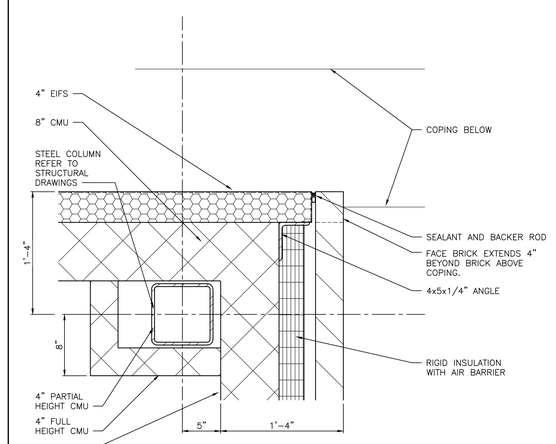
PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
5 / A–513



PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
8 / A–513



PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
4 / A–513



PLAN DETAIL
SCALE: 1 1/2" = 1'–0"
1 / A–513

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21–111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10/22/21	ADDENDUM NO. 1

DRAWING
ENLARGED PLAN DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
A-513

Thursday, 10/21/2021 – 10:56 PM – LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC – CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-513.DWG

GENERAL DOOR NOTES

A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. REFER TO A800 SERIES DRAWINGS FOR WALL FINISHES.
B. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD.
C. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.
D. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.
F. SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.
G. FOR DOOR POSITION WITHIN WALL REFER TO FRAME MOUNTING DETAILS ON SHEET A-610.
H. FOR ELECTRICAL ROUGH-IN AT DOORS REFER TO SHEET A-620.
I. FOR HOLLOW METAL (HM) FRAME ELEVATIONS AND PROFILES REFER TO SHEET A-610.
J. FOR ALUMINUM STOREFRONT AND CURTAINWALL ELEVATIONS REFER TO SHEETS A-620 AND A-621.
K. GLASS NOTED IN SIDELIGHT COLUMN FOR STOREFRONT WITH NO DOOR APPLIES TO ALL OPENINGS IN FRAME UNLESS NOTED OTHERWISE.
L. REFER TO FLOOR PLANS FOR LOCATIONS OF NEW AND EXISTING ADA PUSH PADS FOR POWER ASSISTED OPERATORS.

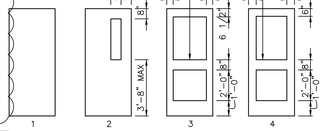
DOOR SCHEDULE NOTES (REMARKS):

1. PANIC DEVICE TO HAVE ELECTRIC LATCH BOLT. PREPARE FRAME FOR ELECTRIFIED HINGE.
2. DOOR TO BE CONTROLLED BY CARD READER/FOB. REFER TO ELECTRICAL DRAWINGS FOR ROUGH IN.
3. PROVIDE POWER ASSISTED OPERATOR ON ONE LEAF OF DOUBLE DOORS.
4. PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC.
5. KEYED REMOVABLE MULLION.
6. EXISTING DOOR TO RECEIVE NEW HARDWARE.
7. PROVIDE SOUND SEAL.
8. PREPARE DOOR AND FRAME FOR DOOR POSITION SWITCH.
9. PROVIDE DOOR RELEASE ON AI PHONE LOCATED AT RECEPTION DESK.
10. ALTERNATE
11. NEW THRESHOLD FOR EXISTING OVERHEAD DOOR.

AD-1

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)		
E	1/4" LAMINATED SAFETY GLASS (CLEAR)		



LOUVER SCHEDULE

MK	LOUVER SIZE

DOOR AND FRAME SCHEDULE

DOOR NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MAT'L	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A-01A	SF 01	3	PR 3ß x 84	AL		E		E	AL	4 1/2"	SF1				
A-02A	SF 01	3	PR 3ß x 84	AL		E		E	AL	4 1/2"	SF1				
A-101A	SF FRP	1	3ß x 84	FRP					AL	4 1/2"	SF4				
A-102A	SF FRP	1	3ß x 84	FRP					AL	4 1/2"	SF4				
A-104A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-105A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-106A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-107A	SF 01	3	PR 3ß x 84	AL					AL	4 1/2"	SF1				
A-108A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-109A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-110A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-111A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-112A	SF 01	3	PR 3ß x 84	AL					AL	4 1/2"	SF1				
A-113A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-114A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-115A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-117A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
A-122A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-123A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-124A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-125A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-126A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-127A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-128A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
A-129A	SINGLE	1	3ß x 84	WD			A		HM	8 3/4"	A				
B-01A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				1 HR
B-101A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-101B	SINGLE	1	3ß x 84	WD					HM	8 3/4"	A				
B-101C	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-102A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-103A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-104A	SF3 2	1	PR 3ß x 84	AL					AL	4 1/2"	SF3				
B-104B	SINGLE	1	3ß x 84	WD					HM	8 3/4"	A				
B-104C	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-105A	DOUBLE	1	PR 3ß x 84	WD						8 3/4"	H				
B-106A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	A				
B-106B	SINGLE	1	3ß x 84	WD					HM	8 3/4"	A				
B-109A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-110A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-111A	EXISTING	1	3ß x 84	WD						0"	–				REFINISH
B-111AA	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-112A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	A				
B-112B	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-112C	--	--	--	--			G		HM	8 3/4"	Y				
B-113A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-114A	DOUBLE	1	PR 3ß x 84	WD					HM	8 3/4"	H				
B-115A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				1 HR
B-115B	--	--	--	--			E		HM	8 3/4"	L				
B-115C	--	--	--	--			E		HM	8 3/4"	L				
B-116A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				1 HR
B-116B	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
B-121A	PAIR 1HR	1	PR 42 x 84	WD					HM	8 3/4"	H				1 HR
B-123A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				1 HR
B-130A	EXISTING	1	32 x 84	WD						0"	–				REFINISH
B-131A	EXISTING	1	32 x 84	WD						0"	–				REFINISH
B-132A	EXISTING	1	PR 3ß x 84	WD						5"	–				REFINISH
B-132B	EXISTING	1	3ß x 84	WD						0"	–				REFINISH
B-133A	EXISTING	1	3ß x 84	WD						0"	–				REFINISH
B-135A	SINGLE	1	42 x 84	WD					HM	8 3/4"	C				ACOUSTIC
C-104A	SF FRP	1	3ß x 84	FRP					AL	4 1/2"	SF4				
D-101A	SINGLE	1	3ß x 84	WD					HM	8 3/4"	A				
D-102A	SINGLE	2	3ß x 84	WD					HM	8 3/4"	C				
D-102AA	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
D-102AB	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				
D-102BA	SINGLE	1	3ß x 84	WD					HM	8 3/4"	C				

DOOR AND FRAME SCHEDULE

DOOR NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MAT'L	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
D-102BB	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-103A	SINGLE	2	36 x 84	WD					HM	8 3/4"	C				
D-104A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-104B	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-104C	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-105A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
D-106A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-106B	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-107AA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-107BA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-107CA	SINGLE	2	36 x 84	WD					HM	8 3/4"	C				
D-108A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-109A	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	C				ACOUSTIC
D-110A	SINGLE	2	36 x 84	WD					HM	8 3/4"	C				
D-110AB	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				DUTCH DOOR
D-110B	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	C				ACOUSTIC
D-110C	--	--	--	--			F		HM	8 3/4"	T				
D-110D	--	--	--	--			F		HM	8 3/4"	T				
D-110E	--	--	--	--			F		HM	8 3/4"	T				
D-111A	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	C				ACOUSTIC
D-111B	--	--	--	--			F		HM	8 3/4"	CC				
D-111C	--	--	--	--			F		HM	8 3/4"	T				
D-112A	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	C				ACOUSTIC
D-112B	--	--	--	--			F		HM	8 3/4"	CC				
D-113A	SINGLE	1	48 x 84	WD					HM	8 3/4"	AA				ACOUSTIC DOUBLE
D-113AA	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	C				ACOUSTIC
D-113AB	--	--	--	--			F		HM	8 3/4"	CC				
D-113B	SINGLE	2	36 x 84	WD		F			HM	8 3/4"	BB				ACOUSTIC
D-113C	--	--	--	--			H		HM	8 3/4"	DD				
D-113D	--	--	--	--			H		HM	8 3/4"	EE				
D-114A	SINGLE	2	40 x 84	WD		A			HM	8 3/4"	C				
D-116A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-117A	SF3 2	1	PR 36 x 84	AL					AL	4 1/2"	SF3				
D-117B	EXISTING	1	PR 3ß x 84	WD						5"	–				REFINISH
D-117C	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-118A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-119A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-120A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-121A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-128A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	A				
D-130A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
E-123A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
E-123AA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
E-123B	EXISTING	1	36 x 84	WD						0"	–				REFINISH
F-101A	DOUBLE	4	PR 36 x 84	WD		A	A		HM	8 3/4"	N				
F-102A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-102B	--	--	--	--			A		HM	5 3/4"	K				
F-103A	OFFICE	1	36 x 84	WD			A		HM	5 3/4"	B				
F-103B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	A				
F-104A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-104B	--	--	--	--			A		HM	5 3/4"	K				
F-104C	--	--	--	--			A		HM	5 3/4"	K				
F-106A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-107A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-108A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-109A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-110A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-110B	OFFICE	1	36 x 84	WD			A		HM	5 3/4"	B				
F-111A	2 BIFOLD	1	4 @ 18 x 84	WD					HM	5 3/4"	F				
F-112A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-113A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-114A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-115A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-116A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-117A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				

DOOR AND FRAME SCHEDULE

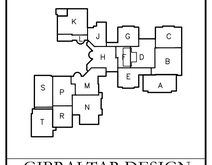
DOOR NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MAT'L	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
F-118A	BIFOLD	1	PR 24 x 84	WD					HM	8 3/4"	G				
F-119A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-120A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-121A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-122A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-123A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-124A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-125A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-126A	SINGLE	4	36 x 84	WD		A	A		HM	8 3/4"	M				
F-127A	OFFICE	1	36 x 84	WD			A		HM	5 3/4"	B				
F-130A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-131A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-132A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-133A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-134A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-135A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-136A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-137A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-138A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-139A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-140A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-140B	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-142A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-143A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-144A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-145A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-146A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-147A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-148A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-149A	OFFICE	1	36 x 84	WD			A		HM	5 3/4"	B				
F-150A	OFFICE	2	36 x 84	WD		A			HM	5 3/4"	D				
F-151A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
F-152A	OFFICE	1	36 x 84	WD					HM	5 3/4"	D				
H-121A	DOUBLE	1	PR 36 x 84	WD					HM	8 3/4"	H				
H-122A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
K-110A	SF2 DBL	3	PR 3ß x 86	AL					AL	4 1/2"	SF2				
K-111A	SF2 DBL	3	PR 3ß x 86	AL					AL	4 1/2"	SF2				
K-112A	DOUBLE	2	PR 36 x 84	WD					HM	8 3/4"	H				
K-113A	SF 01	1	PR 3ß x 84	FRP					AL	4 1/2"	SF1				
K-114A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
K-114B	DOUBLE	1	PR 36 x 84	WD					HM	8 3/4"	H				
L-113A	SF5	3	44 x 84	AL					AL	4 1/2"	SF5				
M-137A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
M-137B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
M-138A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
S-101A	SINGLE	1	36 x 84	WD			A		HM	8 3/4"	E				
T-02A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
T-101A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
T-102A	SF FRP	1	36 x 84	FRP					AL	4 1/2"	SF4				
T-104A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
T-105A	SF3 1	3	36 x 84	AL		C		C	AL	4 1/2"	SF3				
T-105B	SF3 2	3	PR 36 x 84	AL		C		C	AL	4 1/2"	SF3				
T-106A	SF3 1	3	36 x 84	AL		E		E	AL	4 1/2"	SF3				
T-106B	SF3 2	3	PR 36 x 84	AL		E		E	AL	4 1/2"	SF3				
T-107A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
T-109A	DOUBLE	2	PR 36 x 84	WD		E			HM	8 3/4"	H				
T-109B	--	--	--	--			E		HM	8 3/4"	L				
T-109C	--	--	--	--			E		HM	8 3/4"	L				
T-110A	DOUBLE	1	PR 40 x 84	WD					HM	8 3/4"	H				
T-111A	DOUBLE	2	PR 36 x 84	WD		E			HM	8 3/4"	H				
T-111B	SF 01	2	PR 3ß x 84	FRP		B			AL	4 1/2"	SF1				
T-111C	DOUBLE	2	PR 3ß x 84	HM		E		E	HM	8 3/4"	FF			PAINT	
T-112A	DOUBLE	1	PR 3ß x 84	WD					HM	8 3/4"	H				
T-113A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				

AD-1

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY TA DBu
DRAWN BY DBu
CHECKED BY DBI DBu

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
DOOR AND FRAME SCHEDULE

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
A-601

Friday, 10/22/2021 - 11:58 AM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-601.DWG

GENERAL DOOR NOTES

A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. REFER TO A800 SERIES DRAWINGS FOR WALL FINISHES.
B. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD.
C. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.
D. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.
F. SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.
G. FOR DOOR POSITION WITHIN WALL REFER TO FRAME MOUNTING DETAILS ON SHEET A-610.
H. FOR ELECTRICAL ROUGH-IN AT DOORS REFER TO SHEET A-620. — AD-1
I. FOR HOLLOW METAL (HM) FRAME ELEVATIONS AND PROFILES REFER TO SHEET A-610.
J. FOR ALUMINUM-STOREFRONT AND CURTAINWALL ELEVATIONS REFER TO SHEETS A-620 AND A-621.
K. GLASS NOTED IN SIDELIGHT COLUMN FOR STOREFRONT WITH NO DOOR APPLIES TO ALL OPENINGS IN FRAME UNLESS NOTED OTHERWISE.
L. REFER TO FLOOR PLANS FOR LOCATIONS OF NEW AND EXISTING ADA PUSH PADS FOR POWER ASSISTED OPERATORS.

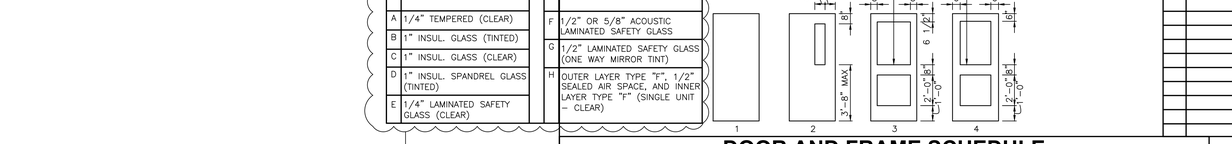
DOOR SCHEDULE NOTES (REMARKS):

1. PANIC DEVICE TO HAVE ELECTRIC LATCH BOLT. PREPARE FRAME FOR ELECTRIFIED HINGE.
2. DOOR TO BE CONTROLLED BY CARD READER/FOB. REFER TO ELECTRICAL DRAWINGS FOR ROUGH IN.
3. PROVIDE POWER ASSISTED OPERATOR ON ONE LEAF OF DOUBLE DOORS.
4. PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC.
5. KEYED REMOVABLE MULLION.
6. EXISTING DOOR TO RECEIVE NEW HARDWARE.
7. PROVIDE SOUND SEAL.
8. PREPARE DOOR AND FRAME FOR DOOR POSITION SWITCH.
9. PROVIDE DOOR RELEASE ON AI PHONE LOCATED AT RECEPTION DESK.
10. ALTERNATE
11. NEW THRESHOLD FOR EXISTING OVERHEAD DOOR.

GLASS SCHEDULE

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

AD-1



LOUVER SCHEDULE

MK	LOUVER SIZE

DOOR AND FRAME SCHEDULE

NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MATERIAL	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A-01B	DOUBLE	4	PR 38 x 84	HM		E			HM	8 3/4"	H				
A-02B	DOUBLE	4	PR 38 x 84	HM		E			HM	8 3/4"	H				
A-03A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
A-202A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
A-203A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-204A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-205A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-206A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-207A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-208A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-209A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-210A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-211A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-212A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-214A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
A-216A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
A-216B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
A-217A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-217B	SINGLE	1	36 x 84	WD					HM	8 3/4"	S				
A-218A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-218B	SINGLE	1	36 x 84	WD					HM	8 3/4"	J				
A-219A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
A-219B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
A-220A	SINGLE	1	36 x 84	WD		AD-1			HM	8 3/4"	A				
A-220E	SINGLE	1	36 x 84	WD					HM	8 3/4"	J				
A-221A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
A-221B	SINGLE	1	36 x 84	WD					HM	8 3/4"	S				
B-214A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-216A	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
B-217A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
B-218A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
B-219A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
D-218A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-219A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				AD-1
D-220A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
D-222A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
D-222AA	SINGLE	1	36 x 84	WD					HM	8 3/4"	C				
D-222B	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
D-222BA	SINGLE	1	36 x 84	WD		AD-1			HM	8 3/4"	C				
D-222C	--	--	--	--			A		HM	8 3/4"	X				
D-222D	--	--	--	--			A		HM	8 3/4"	X				
D-227A	EXISTING	1	36 x 84	WD						0"	–				REFINISH
D-228A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				AD-1
D-229A	SINGLE	2	36 x 84	WD		A			HM	8 3/4"	C				
F-202A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
F-202B	SINGLE	1	36 x 84	WD		AD-1			HM	8 3/4"	A				
F-209A	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
F-209B	SINGLE	1	36 x 84	WD					HM	8 3/4"	A				
T-201A	SF FRP	1	36 x 84	FRP					AL	4 1/2"	SF4				

DOOR AND FRAME SCHEDULE

NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MATERIAL	LOU	GLASS DOOR	GLASS SIDE LGT	GLASS TRA	FRAME MAT'L	FRAME WIDTH	FRAME ELEV	LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A-301A	SF FRP	1	36 x 84							4 1/2"					

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY TA DBu
DRAWN BY DBu PD
CHECKED BY DBl DBu

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

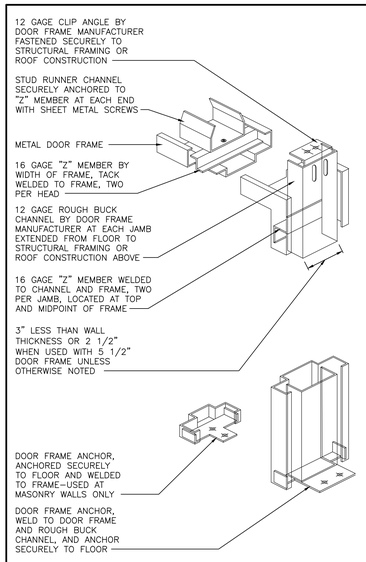
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
DOOR AND FRAME SCHEDULE, PROFILES, ELEVATIONS, AND DETAILS

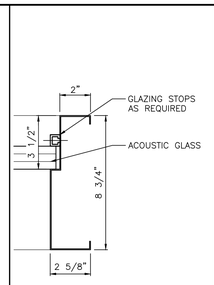
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
A-602

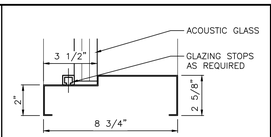


TYPICAL HEAD & JAMB ANCHORAGE

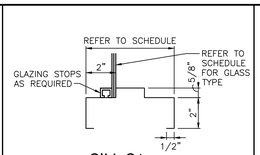
SCALE: NTS



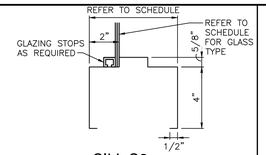
JAMB J3



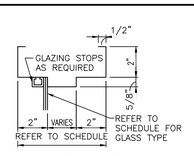
SILL S3



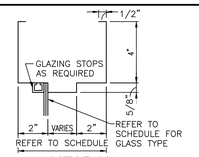
SILL S1



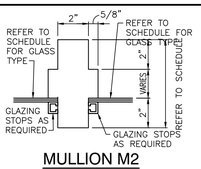
SILL S2



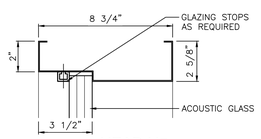
HEAD H3



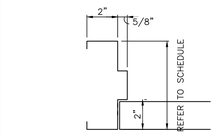
HEAD H4



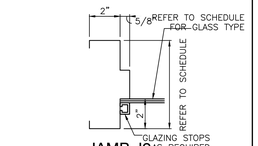
MULLION M2



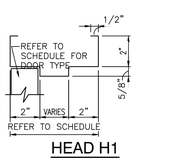
HEAD H5



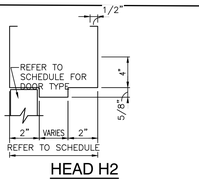
JAMB J1



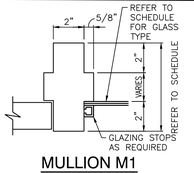
JAMB J2



HEAD H1

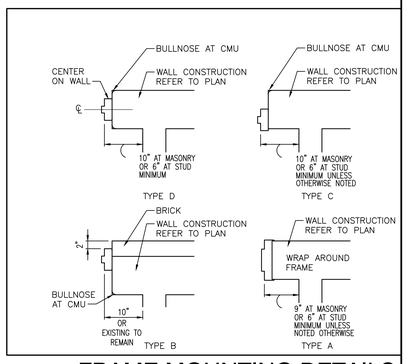


HEAD H2



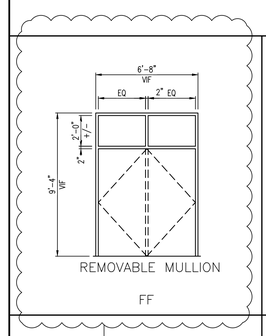
MULLION M1

HOLLOW METAL FRAME DETAILS



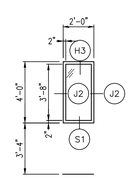
FRAME MOUNTING DETAILS

SCALE: NTS

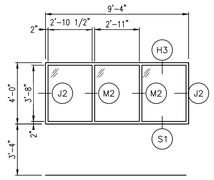


REMOVABLE MULLION

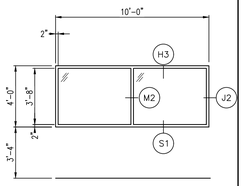
FF



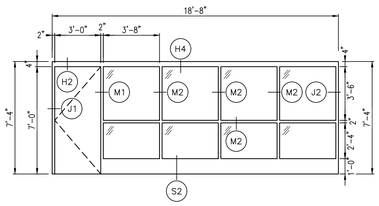
CC



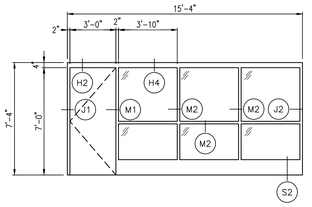
Y



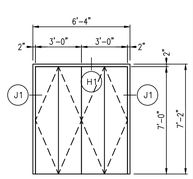
T



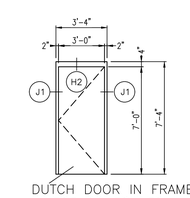
S



J



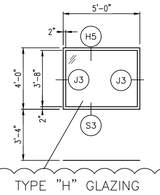
F



DUTCH DOOR IN FRAME WHERE SCHEDULED

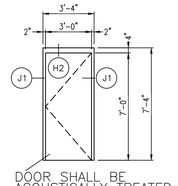
C

AD-1



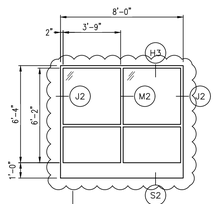
TYPE "H" GLAZING

EE



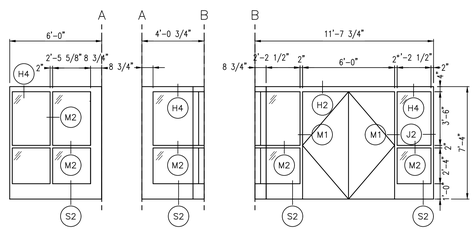
DOOR SHALL BE ACOUSTICALLY TREATED

BB

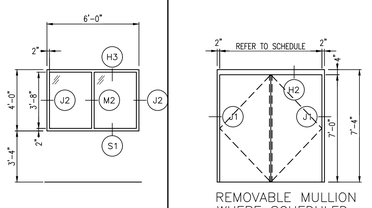


AD-1

X



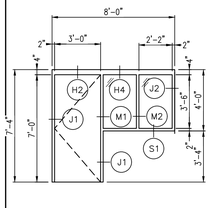
N



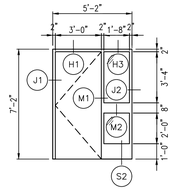
L

REMOVABLE MULLION WHERE SCHEDULED

H

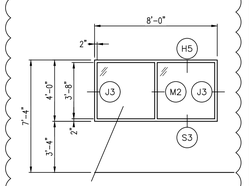


E



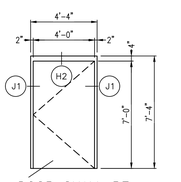
B

AD-1



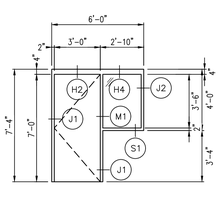
TYPE "H" GLAZING

DD

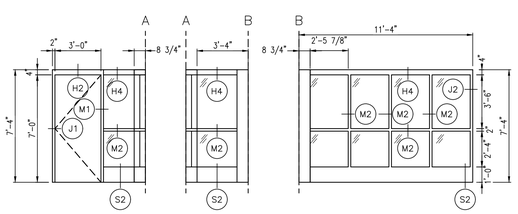


DOOR SHALL BE ACOUSTICALLY TREATED

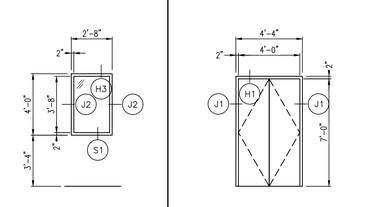
AA



U

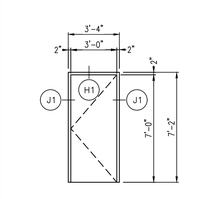


M

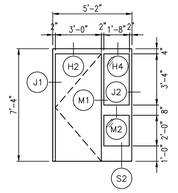


K

G



D



A

HOLLOW METAL FRAME ELEVATIONS

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

GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21—111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY NJW
CHECKED BY EJM

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

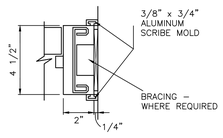
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

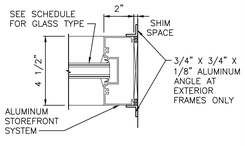
DRAWING
HOLLOW METAL ELEVATIONS AND DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

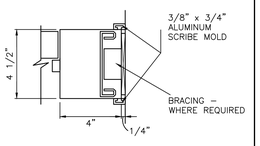
SHEET
A-610



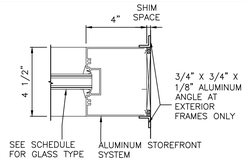
JAMB J1



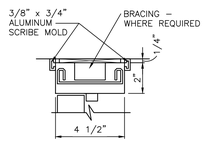
JAMB J2



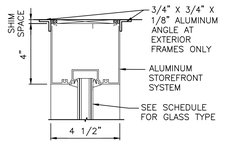
JAMB J3



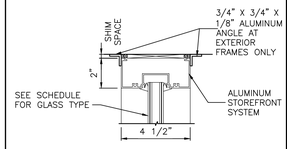
JAMB J4



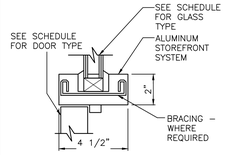
HEAD H1



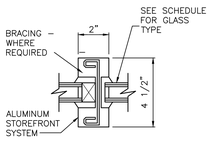
HEAD H2



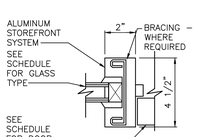
HEAD H3



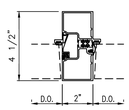
MULLION M1



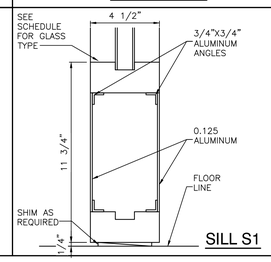
MULLION M2



MULLION M3



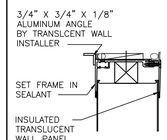
MULLION M4



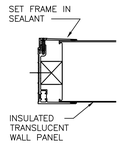
SILL S1

STOREFRONT FRAME DETAILS

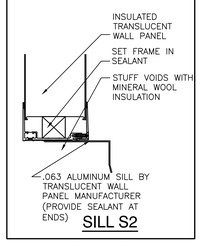
SCALE: 3" = 1'–0"



HEAD H3



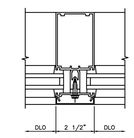
JAMB J6



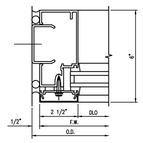
SILL S2

TRANSLUCENT WALL PANEL SYSTEM FRAME DETAILS

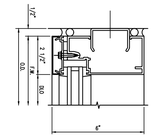
SCALE: 3" = 1'–0"



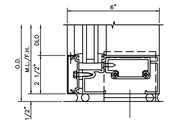
MULLION M1B



JAMB J1B



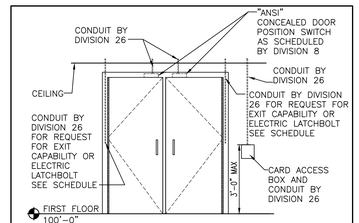
HEAD H1B



SILL S1B

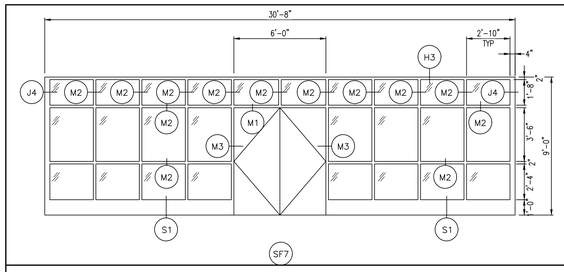
CURTAIN WALL FRAME DETAILS

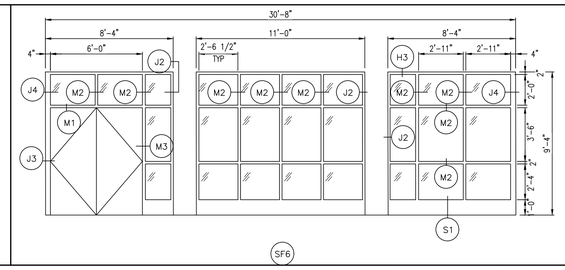
SCALE: 3" = 1'–0"

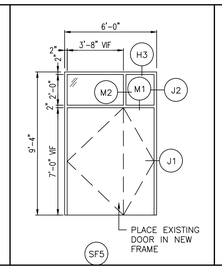


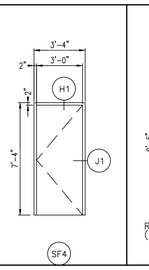
ELECTRICAL ROUGH-IN AT DOOR FRAMES

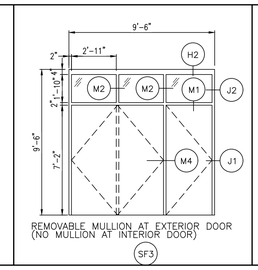
SCALE: NTS

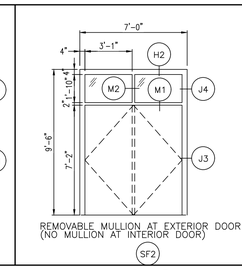


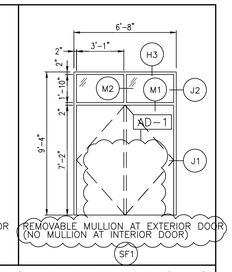












NOTE: ALL EXTERIOR FRAMES TO BE THERMALLY BROKEN
ALL EXTERIOR FRAMES TO HAVE TYPE "C" GLAZING
ALL INTERIOR FRAMES TO HAVE TYPE "A" GLAZING

STORE FRONT ELEVATIONS

SCALE: 1/4" = 1'–0"

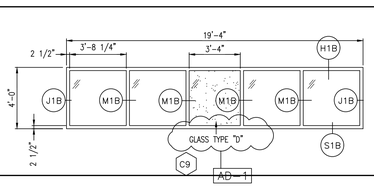
NOTES - ALUMINUM FRAMING

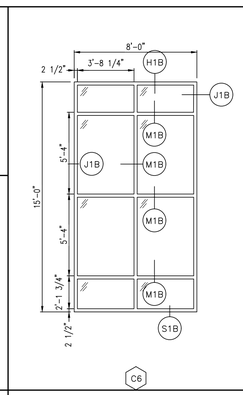
1. CURTAINWALL AND STOREFRONT HEAD, JAMB AND SILL DETAILS REFER TO SECTION FRAME PROFILES ON SHEET A–620.
2. PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL STOREFRONT FRAMING WHERE FRAMING ABUTS DISSIMILAR MATERIALS.
3. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR STOREFRONT FRAMING.
4. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
5. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING.
6. REFER TO DOOR AND FRAME SCHEDULE FOR GLASS SCHEDULE.
7. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.
8. "T" = TEMPERED SAFETY GLAZING UNLESS OTHERWISE INDICATED.

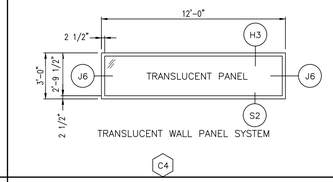
GLASS SCHEDULE

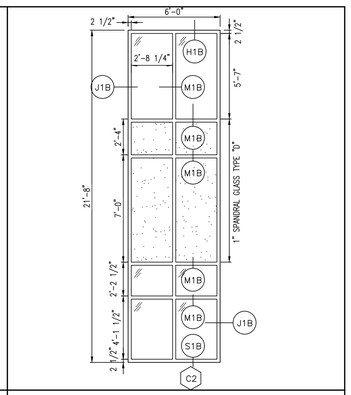
MK	GLASS TYPES	MK	GLASS TYPES
A	1/4" TEMPERED (CLEAR)	F	1/2" OR 5/8" ACOUSTIC LAMINATED SAFETY GLASS
B	1" INSUL. GLASS (TINTED)	G	1/2" LAMINATED SAFETY GLASS (ONE WAY MIRROR TINT)
C	1" INSUL. GLASS (CLEAR)	H	OUTER LAYER TYPE "F", 1/2" SEALED AIR SPACE, AND INNER LAYER TYPE "F" (SINGLE UNIT – CLEAR)
D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

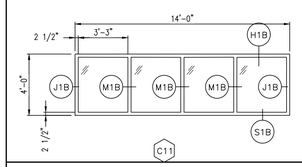
AD–1

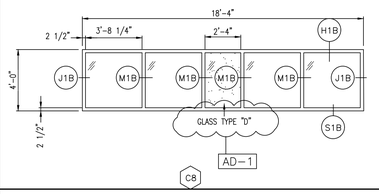


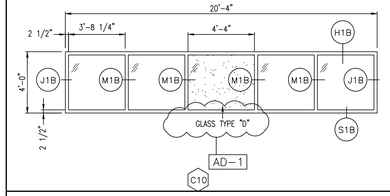


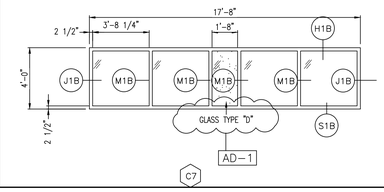


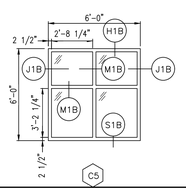


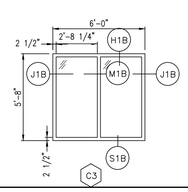


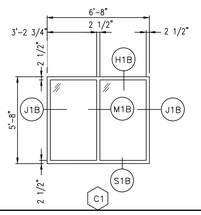












NOTE:
ALL EXTERIOR GLAZING TO BE TYPE "B" UNLESS NOTED OTHERWISE

CURTAIN WALL ELEVATIONS

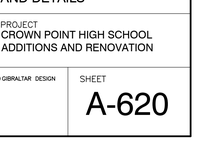
SCALE: 1/4" = 1'–0"

Thursday, 10/21/2021 – 6:17 PM – LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC – CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-620.DWG

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



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

PROJECT
21–111
DATE
10/11/21
COORDINATED BY
EJM
DRAWN BY
NJW
CHECKED BY
EJM

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

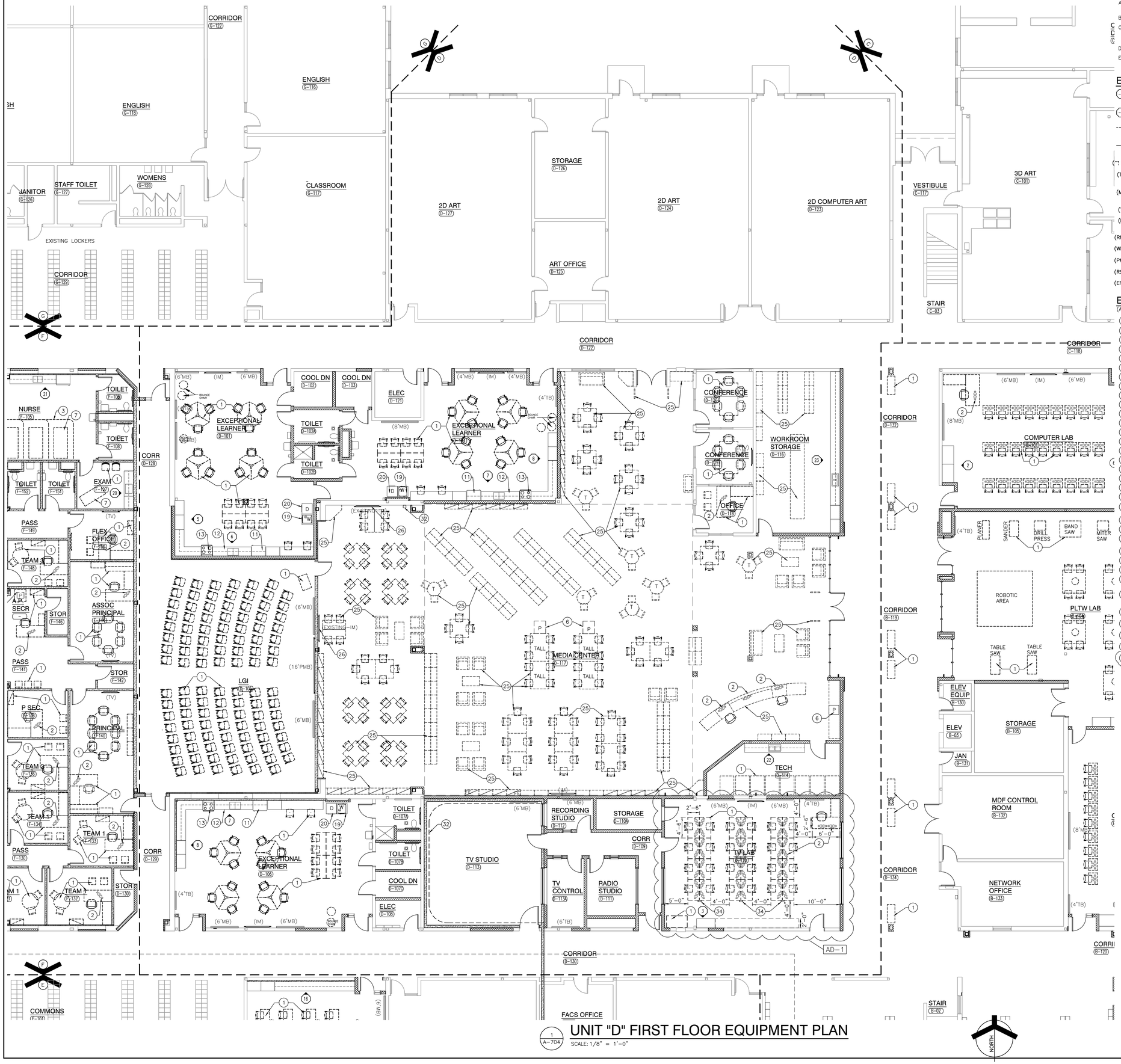
REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10/22/21	ADDENDUM NO. 1

DRAWING
CURTAIN WALL AND STOREFRONT ELEVATIONS AND DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
A-620



1 A-704 UNIT "D" FIRST FLOOR EQUIPMENT PLAN

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

GENERAL EQUIPMENT PLAN NOTES:

A. REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.

B. FIELD VERIFY ALL DIMENSIONS.

C. CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS.

D. REFER TO G-301 FOR MOUNTING HEIGHTS.

E. REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-425 FOR TOILET ROOM EQUIPMENT.

EQUIPMENT PLAN LEGEND:

- INDICATES CASEWORK ELEVATION SYMBOL – REFER TO A-730 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- (S) INDICATES SCIENCE CASEWORK ELEVATION SYMBOL – REFER TO A-740 DRAWINGS FOR ELEVATIONS AND DETAILS.
- ---- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACT)
- — — INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (CG) INDICATES CORNER GUARD.
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING.
- (TV) INDICATES TELEVISION, REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS.
- (IM) INDICATES INTERACTIVE MONITOR, REFER ELECTRICAL AND TECHNOLOGY DRAWING.
- (RMR) INDICATES MIRROR FOR REHEARSAL SPACES.
- (WMR) INDICATES MIRROR FOR WEIGHT ROOM.
- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD.
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW.
- (ERS) INDICATES ELECTRIC ROLLER SHADE FIT TO WINDOWS IN CLEARSTORY.

EQUIPMENT KEY NOTES:

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

1. LOOSE FURNITURE, BY OWNER
2. COMPUTER MONITOR, BY OWNER
3. CUBICLE CURTAIN AND TRACK (1'-0" RADIUS AT CORNER) — 5/A-501
4. SAFETY CUSHION WAINSCOT (6' HIGH). — 5/A-421
5. DIVIDER CURTAIN.
6. PRINTER / COPIER, BY OWNER
7. CLINIC COTS, BY OWNER
8. MICROWAVE OVEN, BY OWNER
9. COFFEE MAKER, BY OWNER
10. LOCKERS, REFER TO DETAIL SHEET A501
11. REFRIGERATOR, BY OWNER
12. ADA DISHWASHER, BY OWNER
13. ADA RANGE, BY OWNER
14. ICE MAKER, BY OWNER
15. FIRE BLANKET CABINET, REFERENCE SCIENCE EQUIPMENT SHEET A740
16. EMERGENCY SHOWER AND FLOOR DRAIN, REFER TO MECHANICAL DRAWINGS
17. GOGGLE CABINET, REFERENCE SCIENCE EQUIPMENT SHEET A740
18. EMERGENCY GAS SHUT OFF, REFER TO PLUMBING DRAWINGS
19. CLOTHES WASHER, BY OWNER
20. CLOTHES DRYER, BY OWNER
21. SPRAY BOOTH, SEE SHEET A/730 CASEWORK, ELECTRICAL/MECHANICAL FOR UTILITY CONNECTIONS AND EXHAUSTING UNIT.
22. SEMI RECESSED FIRE EXTINGUISHER CABINET. REFER TO 9/A501
23. OVERHEAD RETRACTABLE POWER CORD (TYPICAL) REFER TO ELECTRICAL
24. SEMI RECESSED ADA EYE WASH STATION, SEE SCIENCE EQUIP. A740 AND PLUMBING FOR CONNECTIONS
25. EXISTING MEDIA CENTER FURNITURE, RELOCATED. SEE SHEET A/760
26. EXISTING MEDIA CENTER TV ON STAND, RELOCATED.
27. ROOF LADDER, REFER TO FLOOR PLANS.
28. FUME HOOD, REFER TO SCIENCE EQUIP. A/740 AND MECHANICAL/ELECTRICAL DRAWINGS.
29. LOCKER BENCH, TYPICAL (18" TO TOP OF SEAT). REFER TO DETAIL 14/A501
30. FLAMMABLE CABINET, REFER TO SCIENCE EQUIPMENT SHEET A740.
31. ACID STORAGE CABINET, REFER TO SCIENCE EQUIPMENT SHEET A740.
32. DEFIBRILLATOR UNIT LOCATION
33. EXISTING CURTAIN
34. POWER POLE, REFER TO ELECTRICAL AND TECHNOLOGY DRAWINGS. — AD-1

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EKM/CLN
CHECKED BY CLN

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

REVISIONS

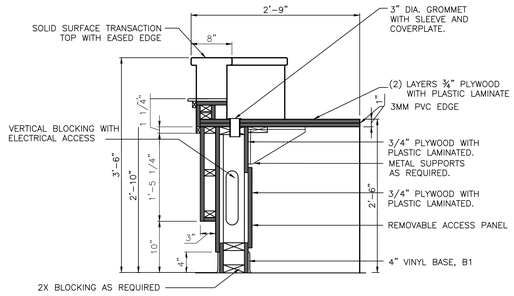
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "D" FIRST FLOOR EQUIPMENT PLAN

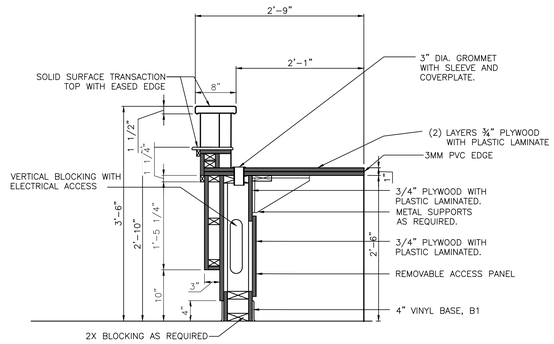
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
D
A-704

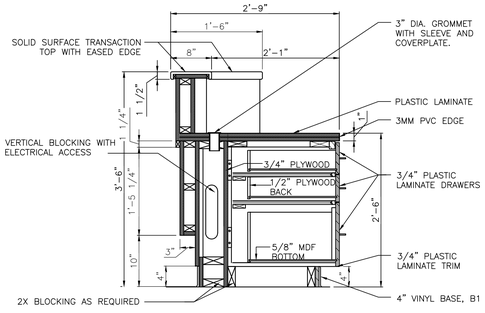
Thursday, 10/21/2021 – 6:42 PM – LAST SAVED BY:CNELSON
Y:\21-111 CROWN POINT CSC – CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-704.DWG



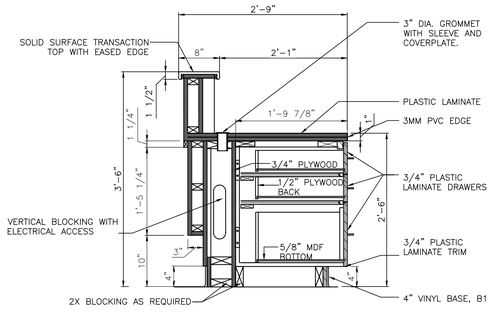
E A-750 **SECTION**
SCALE: 1" = 1'-0"



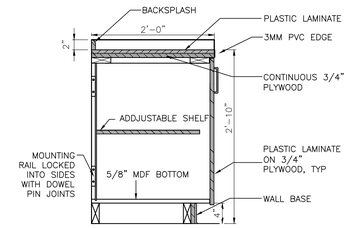
D A-750 **SECTION**
SCALE: 1" = 1'-0"



C A-750 **SECTION**
SCALE: 1" = 1'-0"



B A-750 **SECTION**
SCALE: 1" = 1'-0"



A A-750 **SECTION**
SCALE: 1" = 1'-0"

GENERAL NOTES:

A. REFER TO FINISH LEGEND (A-810) FOR FINISH INFORMATION. REFERENCE WRITTEN SPECIFICATIONS AND PLANS FOR ADDITIONAL INFORMATION.

B. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD.

C. WHERE MILLWORK REQUIRES SHIMMING. ONLY APPROVED METAL SHIMS SHALL BE USED.

D. CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.

E. 4" HIGH VINYL COVE BASE AT ALL TOE SPACE AREAS AND AT EXPOSED SURFACES AND SIDES OF CABINETS ADJACENT TO TOE SPACES. BY FLOORING CONTRACTOR.

F. FIELD VERIFY ALL DIMENSIONS.

G. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS, AND LOCATIONS.

H. ALL EXPOSED SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY.

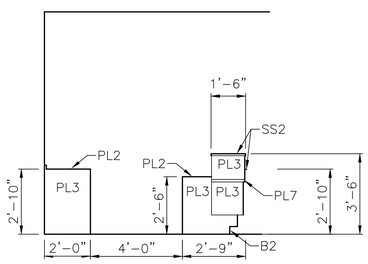
I. ALL ADJOINING CABINETS SHALL BE ALIGNED.

J. ALL EXPOSED ENDS ARE TO BE FINISHED.

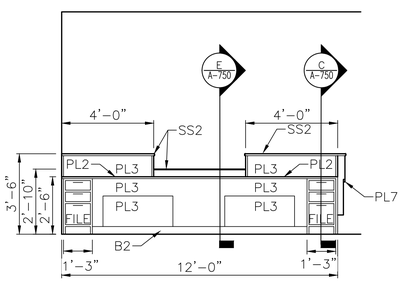
K. ALL CABINETS TO BE LOCKABLE, KEY ALIKE BY ROOM.

L. ALL PLASTIC LAMINATE COUNTERTOPS TO HAVE 3MM PVC EDGE.

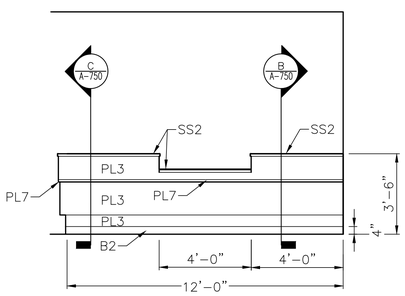
ENTIRE SHEET SHALL BE ADDED TO CONSTRUCTION SET. — AD-1



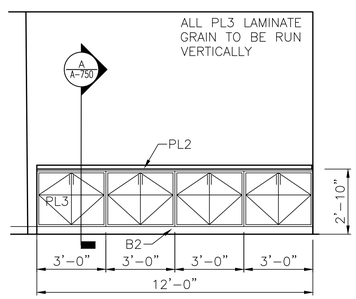
ELEVATION
SCALE: 3/8"=1'-0" — 8



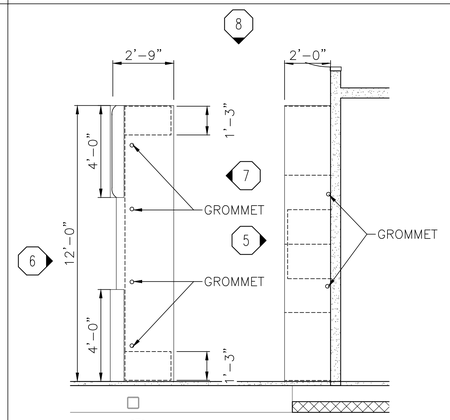
ELEVATION
SCALE: 3/8"=1'-0" — 7



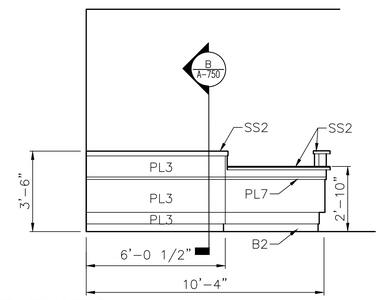
ELEVATION
SCALE: 3/8"=1'-0" — 6



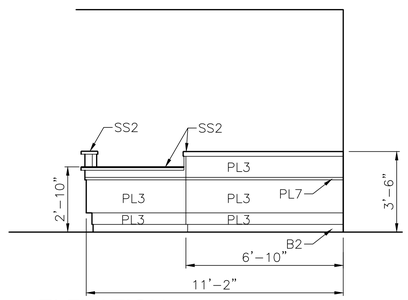
ELEVATION
SCALE: 3/8"=1'-0" — 5



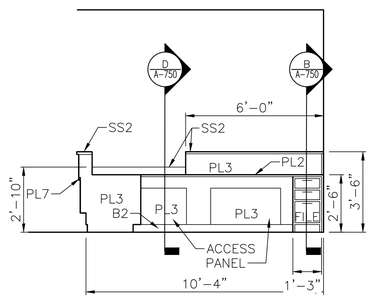
2 A-750 **ENLARGED PLAN**
SCALE: 3/8" = 1'-0"



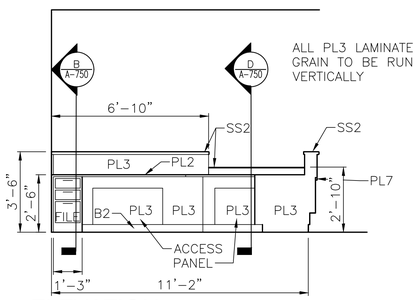
ELEVATION
SCALE: 3/8"=1'-0" — 4



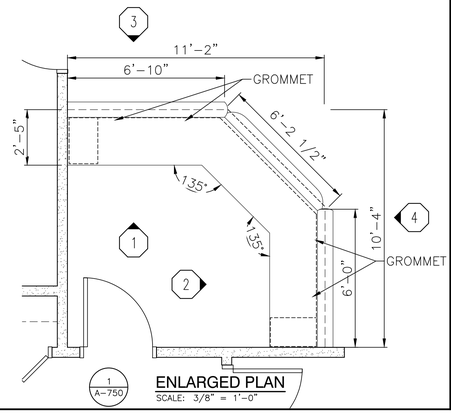
ELEVATION
SCALE: 3/8"=1'-0" — 3



ELEVATION
SCALE: 3/8"=1'-0" — 2



ELEVATION
SCALE: 3/8"=1'-0" — 1



1 A-750 **ENLARGED PLAN**
SCALE: 3/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY MLR
DRAWN BY ARM
CHECKED BY NAS

REGISTERED NO. AR16600095 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MILLWORK ENLARGED PLANS, ELEVATIONS, AND SECTIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
A-750

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES
ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

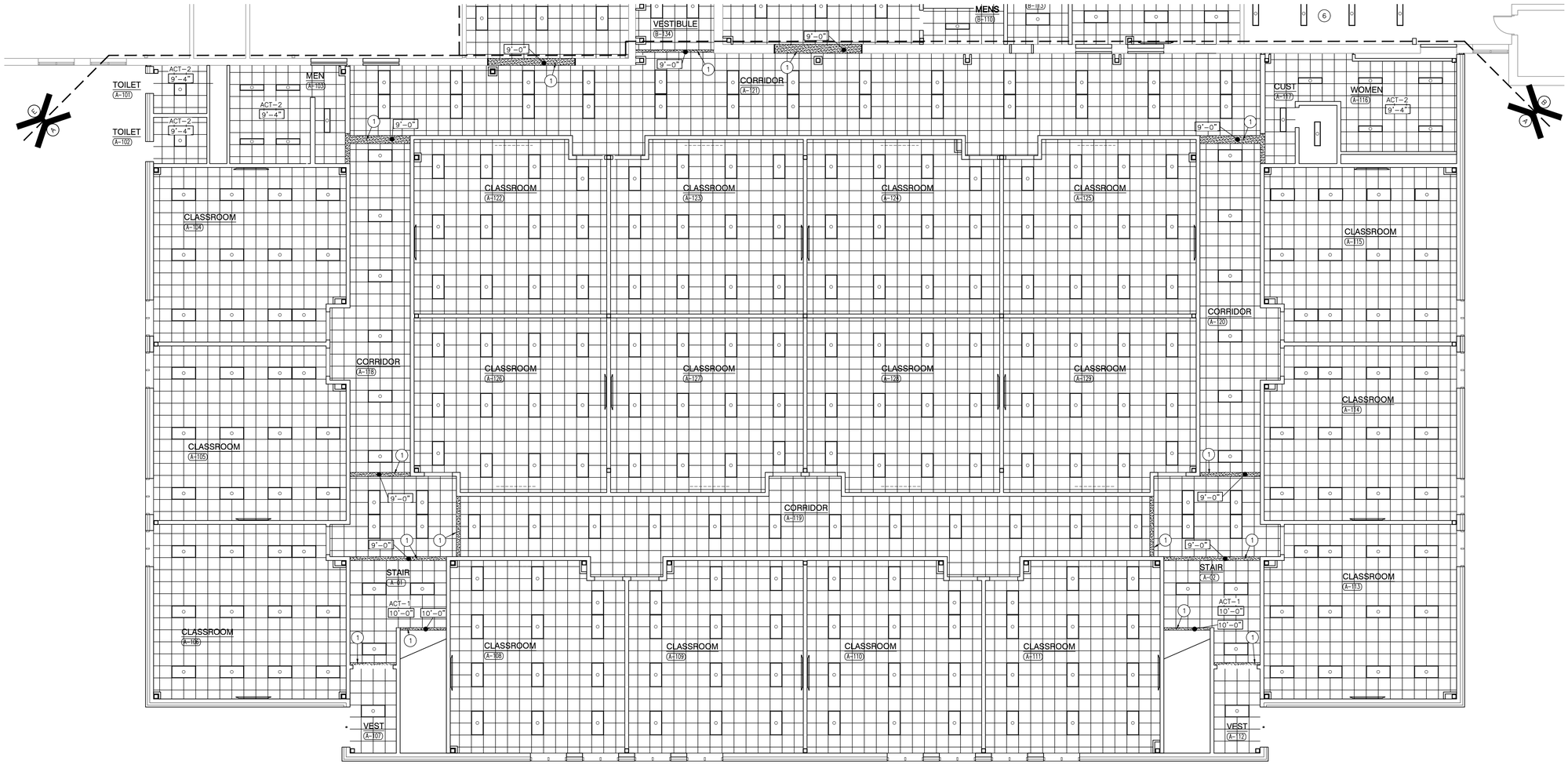
PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID. — AD-1
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.



UNIT "A" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

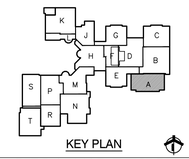
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY NJW
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "A" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
A-901

Thursday, 10/21/2021 - 10:26 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-901.DWG

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES
ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID. — AD-1
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

1/A-902 UNIT "B" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "B", ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
B
A-902

Friday, 10/22/2021 - 12:13 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-902.DWG

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

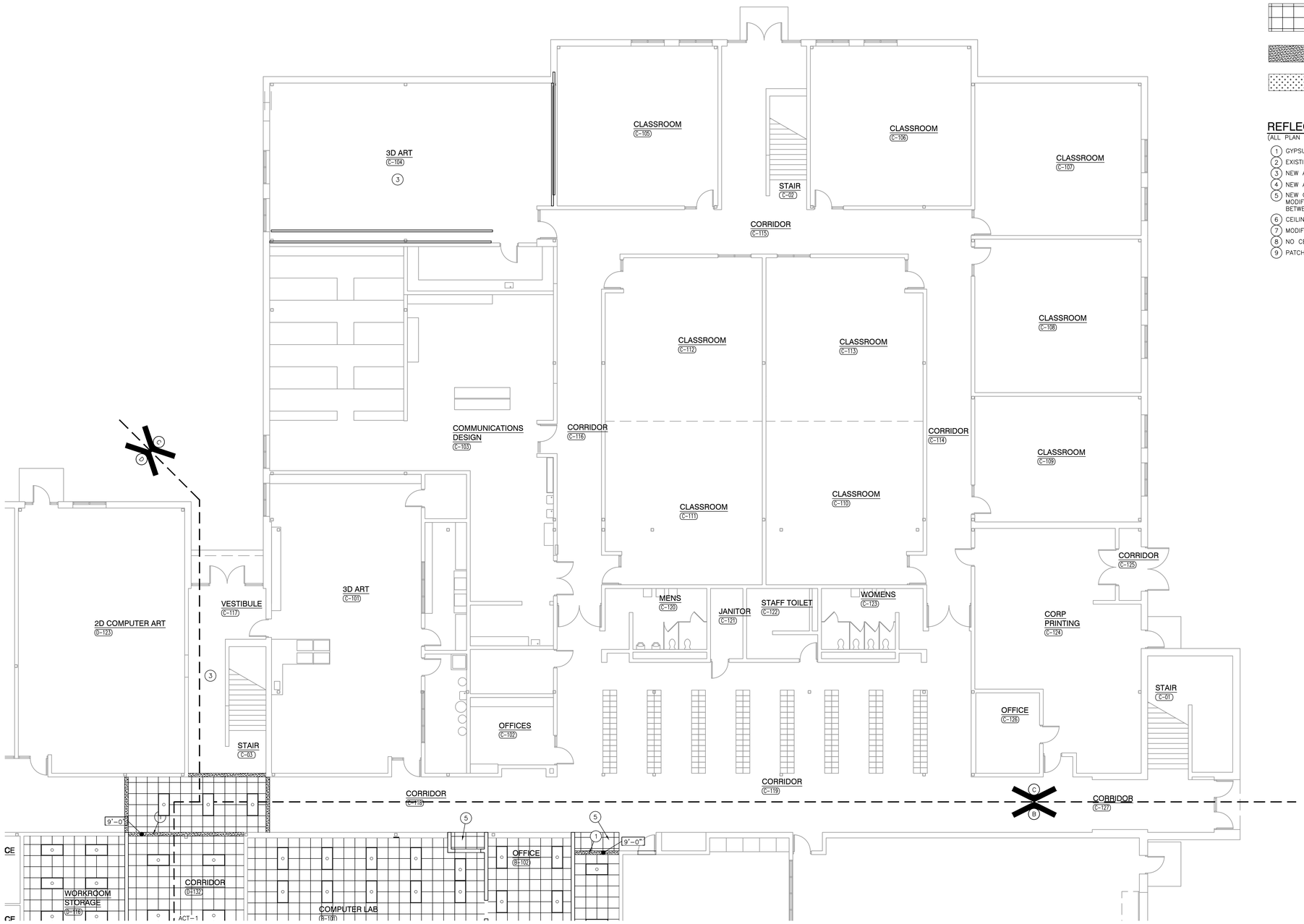
PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID. — AD-1
4. NEW ACT2 CEILING TILES IN EXISTING GRID.
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.



1/A-903 UNIT "C" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

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

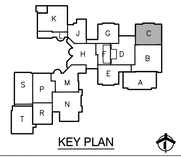
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

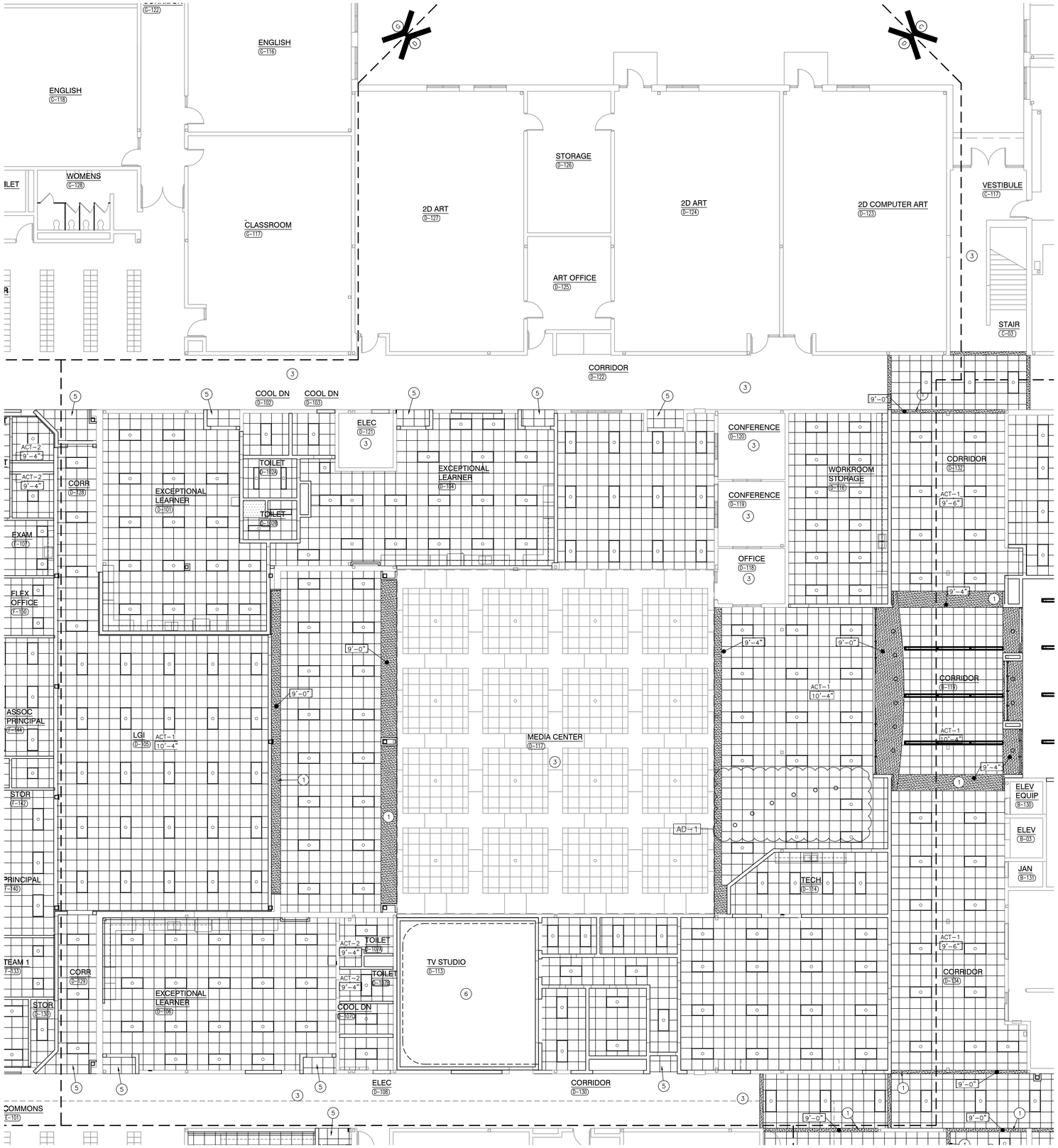
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "C" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLANS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET C A-903

Friday, 10/22/2021 - 12:09 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-903.DWG



UNIT "D" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

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

NORTH

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID. — AD-1
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

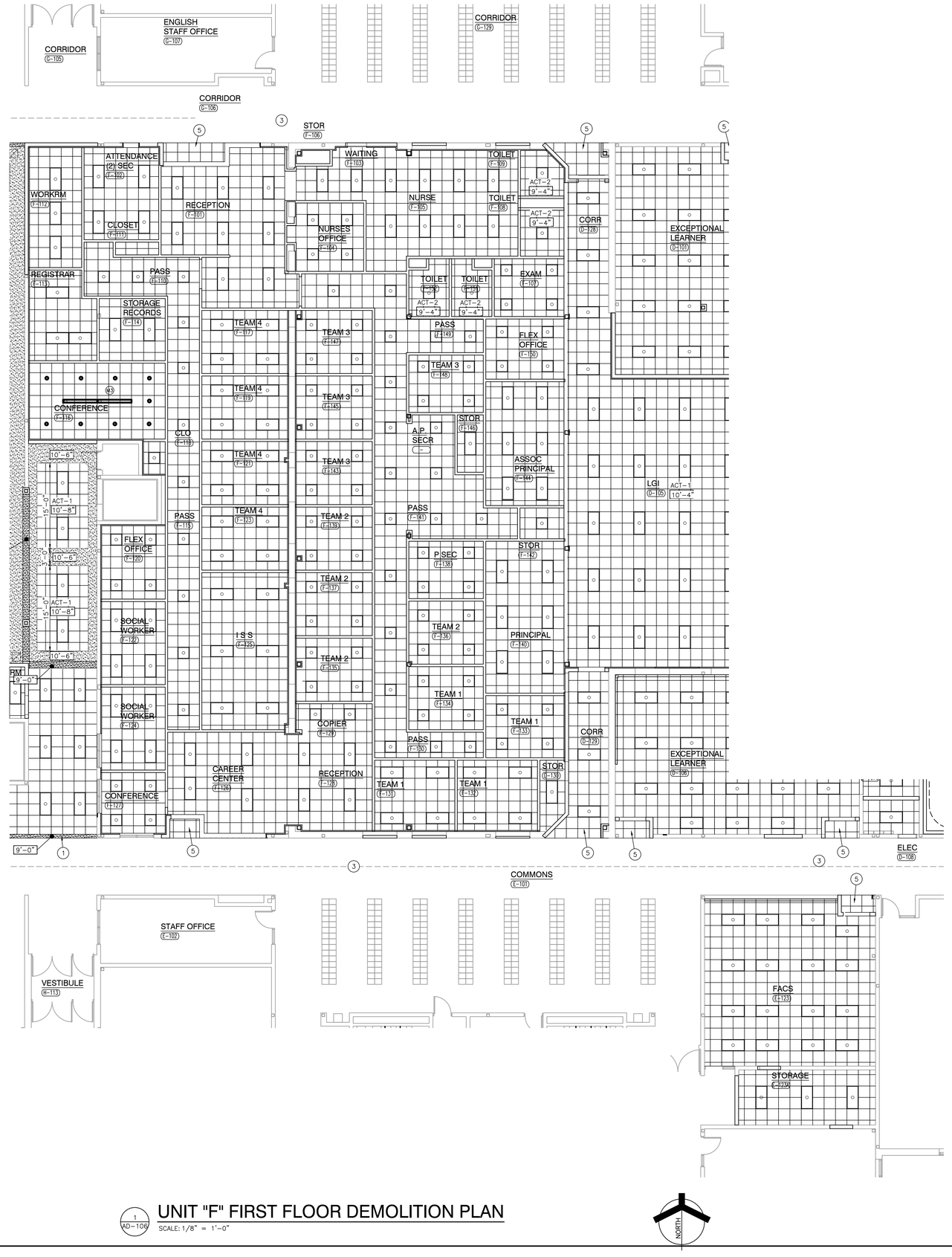
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "D" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET D A-904

Thursday, 10/21/2021 - 10:23 PM - LAST SAVED BY:PDEGROTHY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-904.DWG



1 AD-106 **UNIT "F" FIRST FLOOR DEMOLITION PLAN**

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

NORTH

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES
ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT
1x4 LIGHT FIXTURE
2x4 LIGHT FIXTURE
PENDANT LIGHT FIXTURE
PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

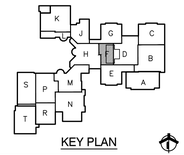
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID. — AD-1
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "F" FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET F A-906

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

- SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED
- GYPSUM BOARD BULKHEAD/CEILING
- EFS SOFFIT
- LED LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID. — AD-1
4. NEW ACT2 CEILING TILES IN EXISTING GRID.
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

UNIT "H" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

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

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY NJW
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "H" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

H

SHEET A-908

Thursday, 10/21/2021 - 10:55 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-908.DWG

UNIT "K" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

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

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES
ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID. — AD-1
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

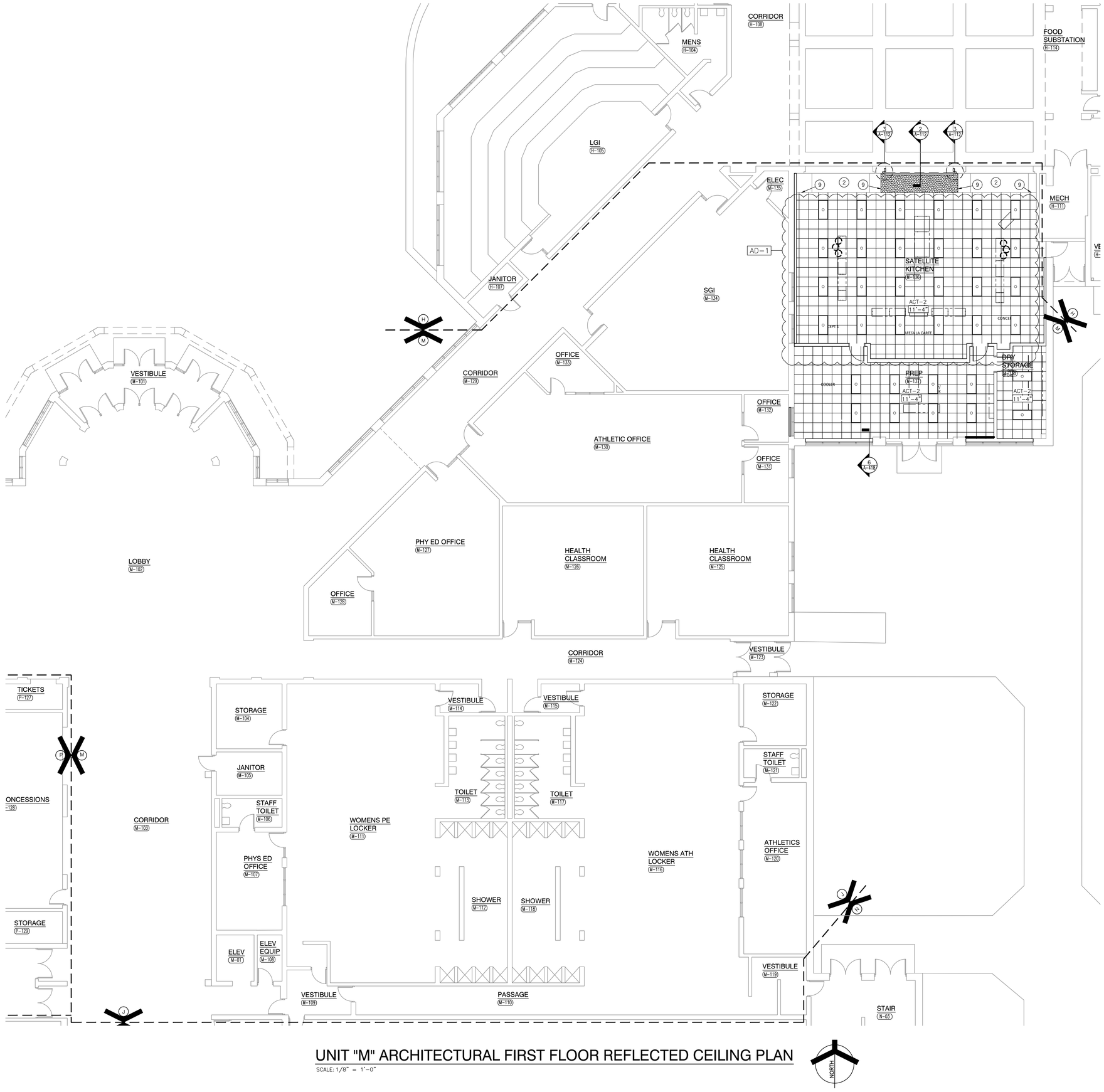
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "K" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
K
A-910



UNIT "M" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

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

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES
ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

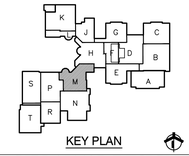
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET)

1. GYPSUM BOARD BULKHEAD. PAINT PX
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID.
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

1 A-940 (U.N.O.)

AD-1

AD-1



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
21-111
DATE
10/11/21
COORDINATED BY
EJM
DRAWN BY
EJM
CHECKED BY
EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "M" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

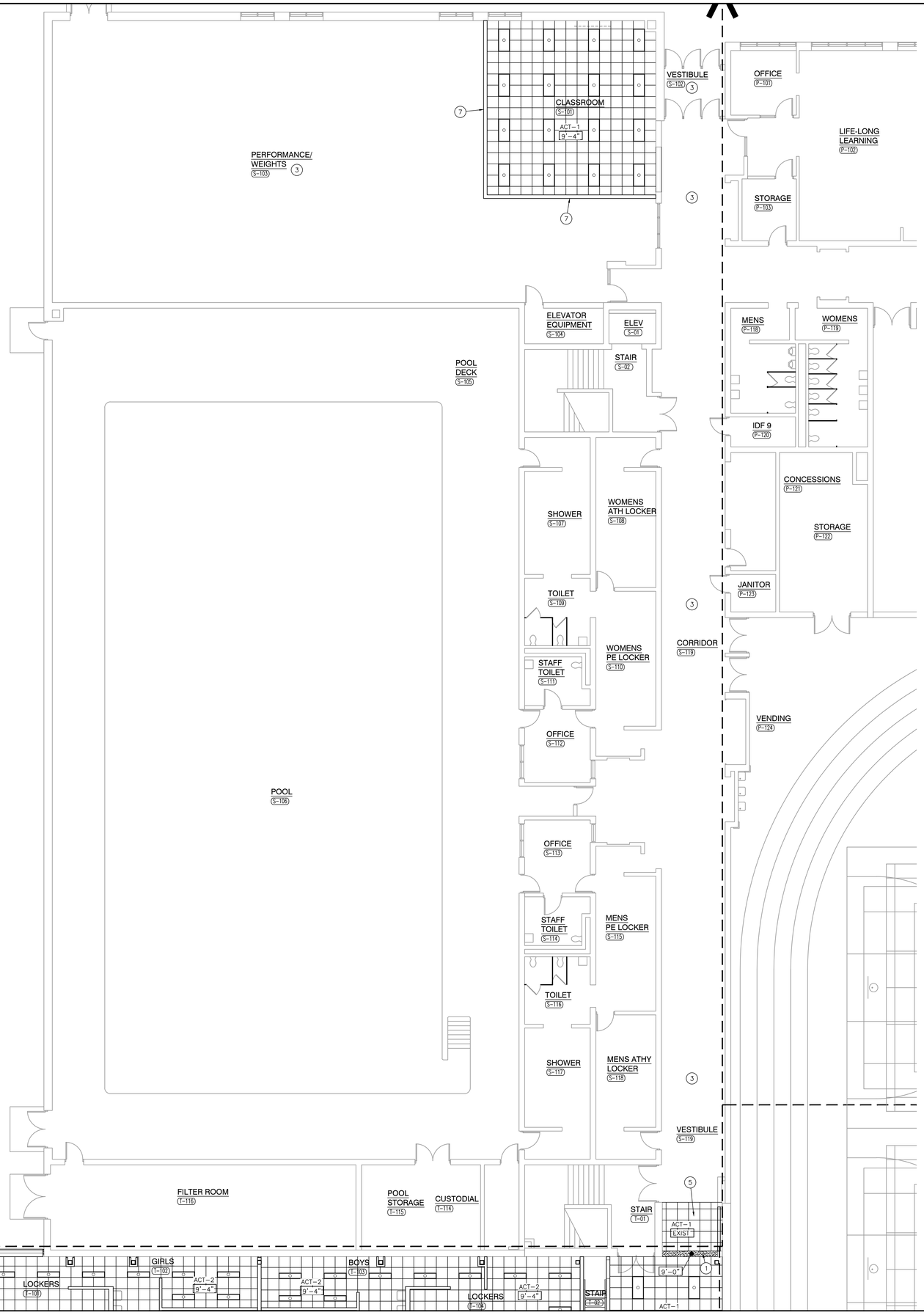
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
M
A-912

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

Thursday, 10/21/2021 - 10:51 PM - LAST SAVED BY:PDECROTHY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-912.DWG



GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

- SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED
- GYPSUM BOARD BULKHEAD/CEILING
- EFS SOFFIT
- LED LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID. — AD-1
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

ARCHITECTURAL FIRST FLOOR UNIT "S"REFLECTED CEILING PLAN

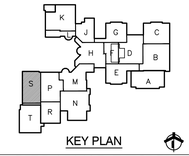
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "S" ARCHITECTURAL FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET S A-916

Thursday, 10/21/2021 - 10:52 PM - LAST SAVED BY:PDECROTHY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-916.DWG

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

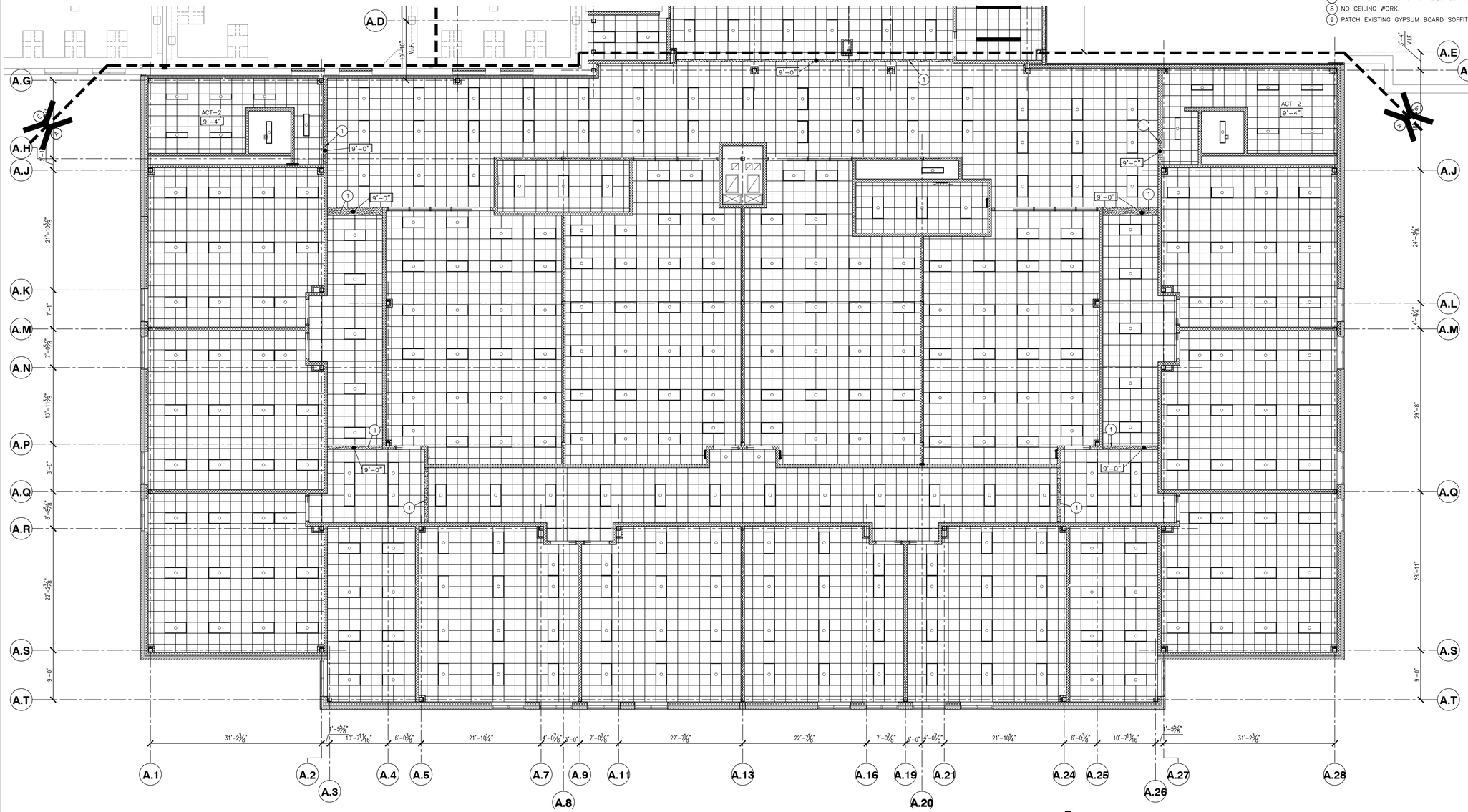
PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID. — AD-1
4. NEW ACT2 CEILING TILES IN EXISTING GRID.
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.



UNIT "A" ARCHITECTURAL SECOND FLOOR REFLECTED CEILING PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY NJW
CHECKED BY EJM

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

REVISIONS

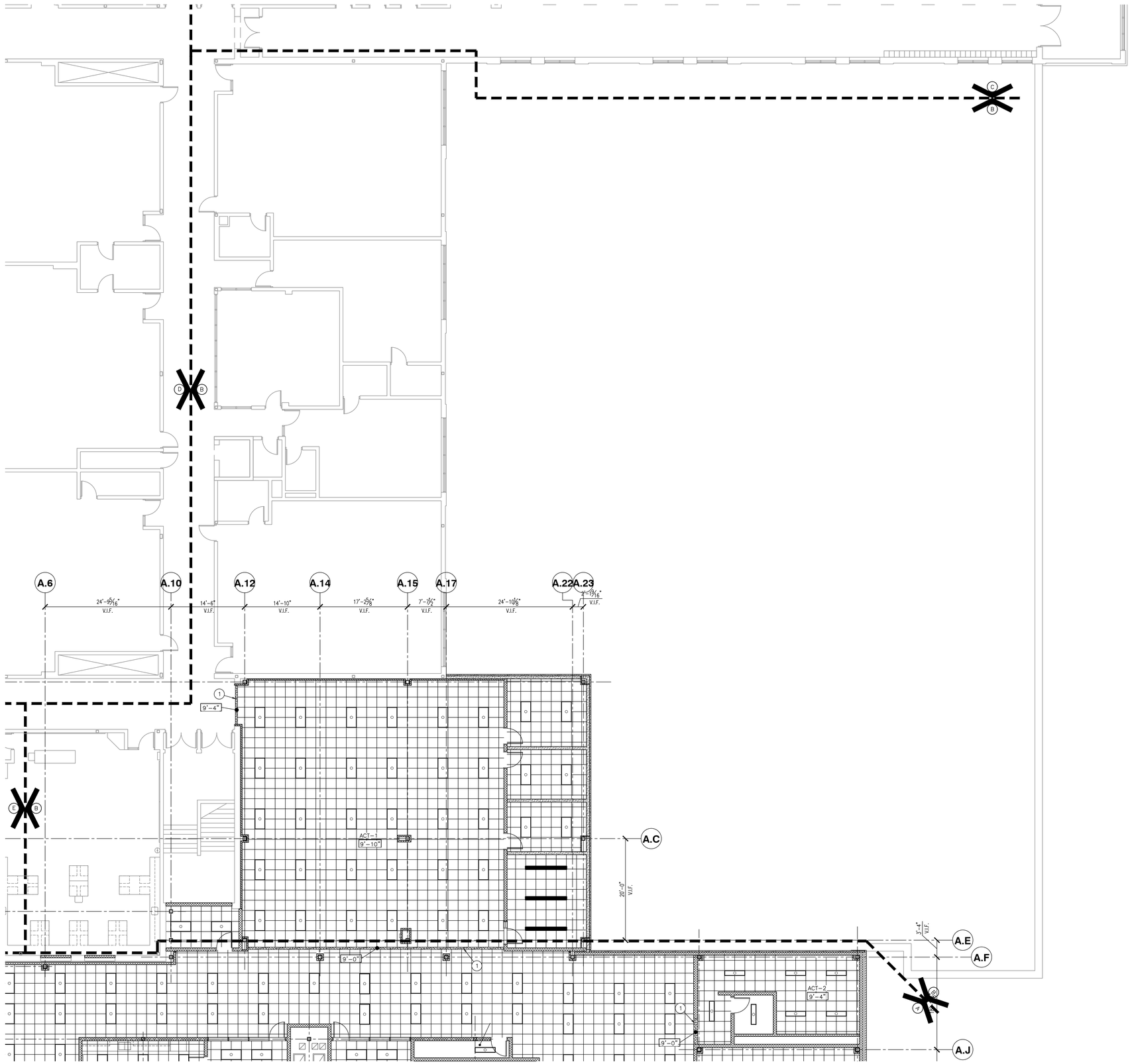
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "A" ARCHITECTURAL SECOND FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

© GIBRALTAR DESIGN

SHEET
A
A-918



UNIT "B" ARCHITECTURAL SECOND FLOOR REFLECTED CEILING PLAN

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

NORTH

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID. — AD-1
4. NEW ACT2 CEILING TILES IN EXISTING GRID.
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY NJW
CHECKED BY EJM

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

REVISIONS

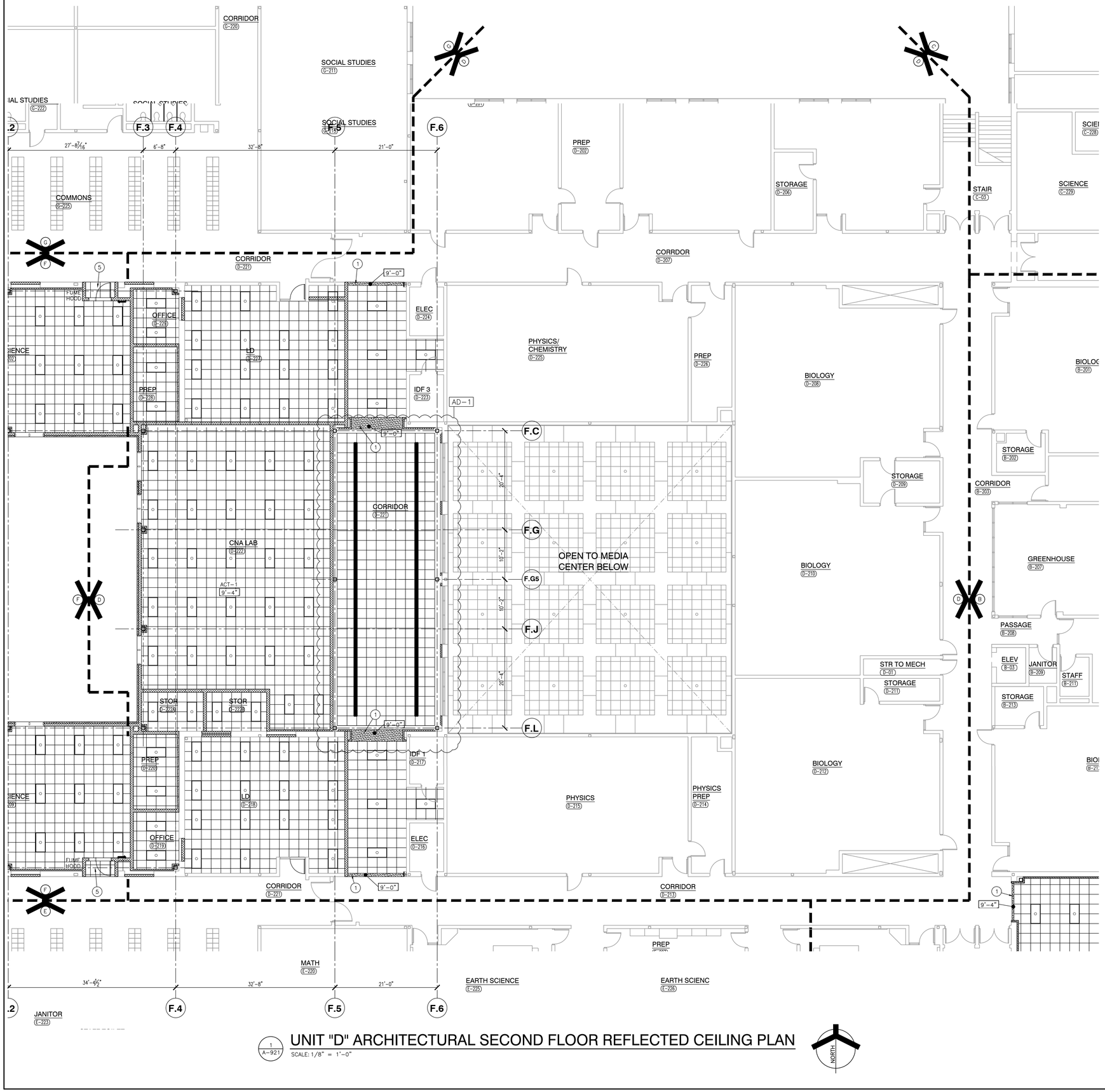
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "B", ARCHITECTURAL SECOND FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
B
A-919

Thursday, 10/21/2021 - 10:54 PM - LAST SAVED BY:NWESLEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-919.DWG



1 A-921 UNIT "D" ARCHITECTURAL SECOND FLOOR REFLECTED CEILING PLAN

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

NORTH

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID.
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

1 A-940 (U.N.O.)

AD-1

AD-1

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

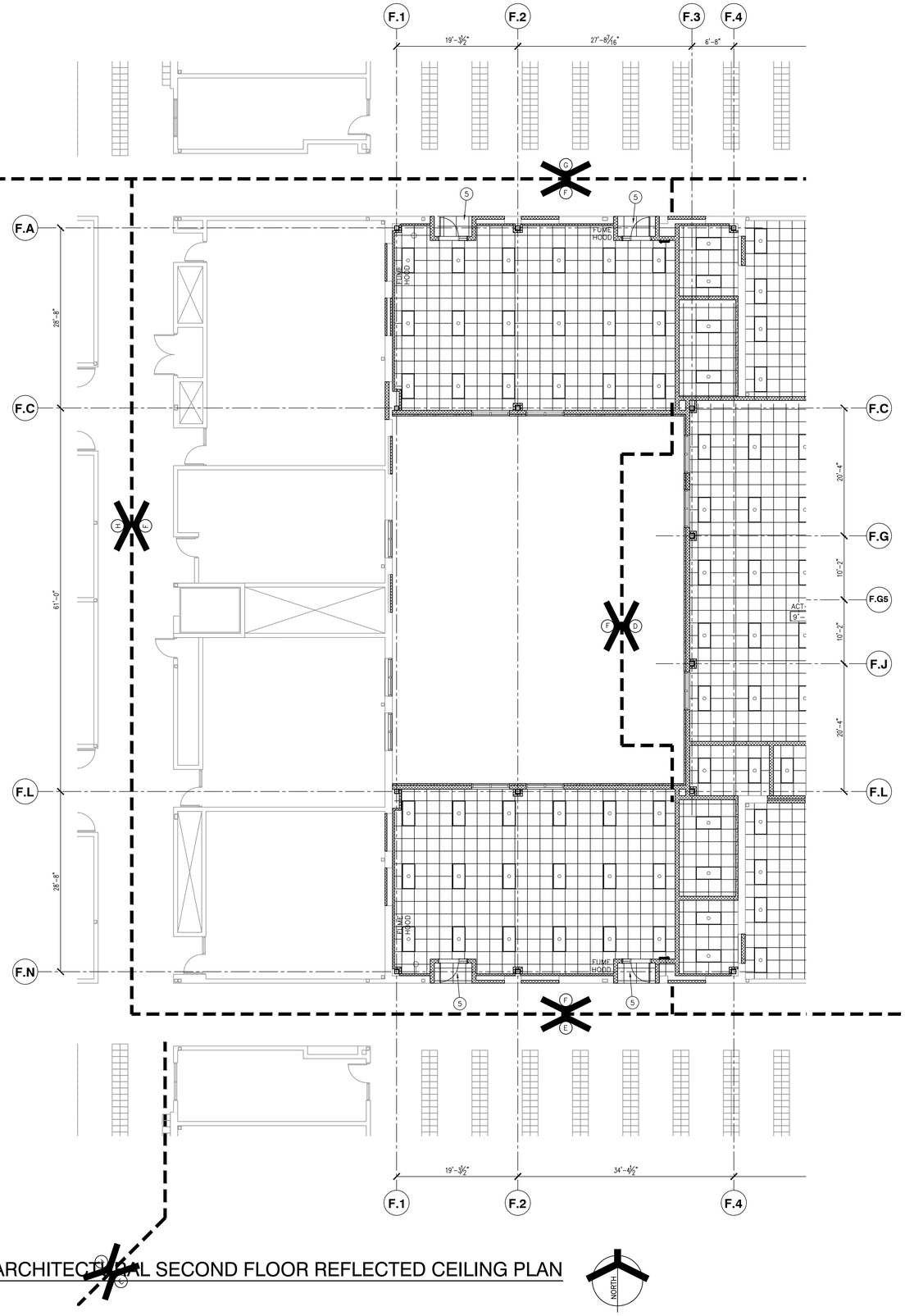
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "D" ARCHITECTURAL SECOND FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET D A-921

Thursday, 10/21/2021 - 10:54 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-921.DWG



UNIT "F" ARCHITECTURAL SECOND FLOOR REFLECTED CEILING PLAN

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

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

- SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED
- GYPSUM BOARD BULKHEAD/CEILING
- EFS SOFFIT
- LED LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID. — AD-1
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

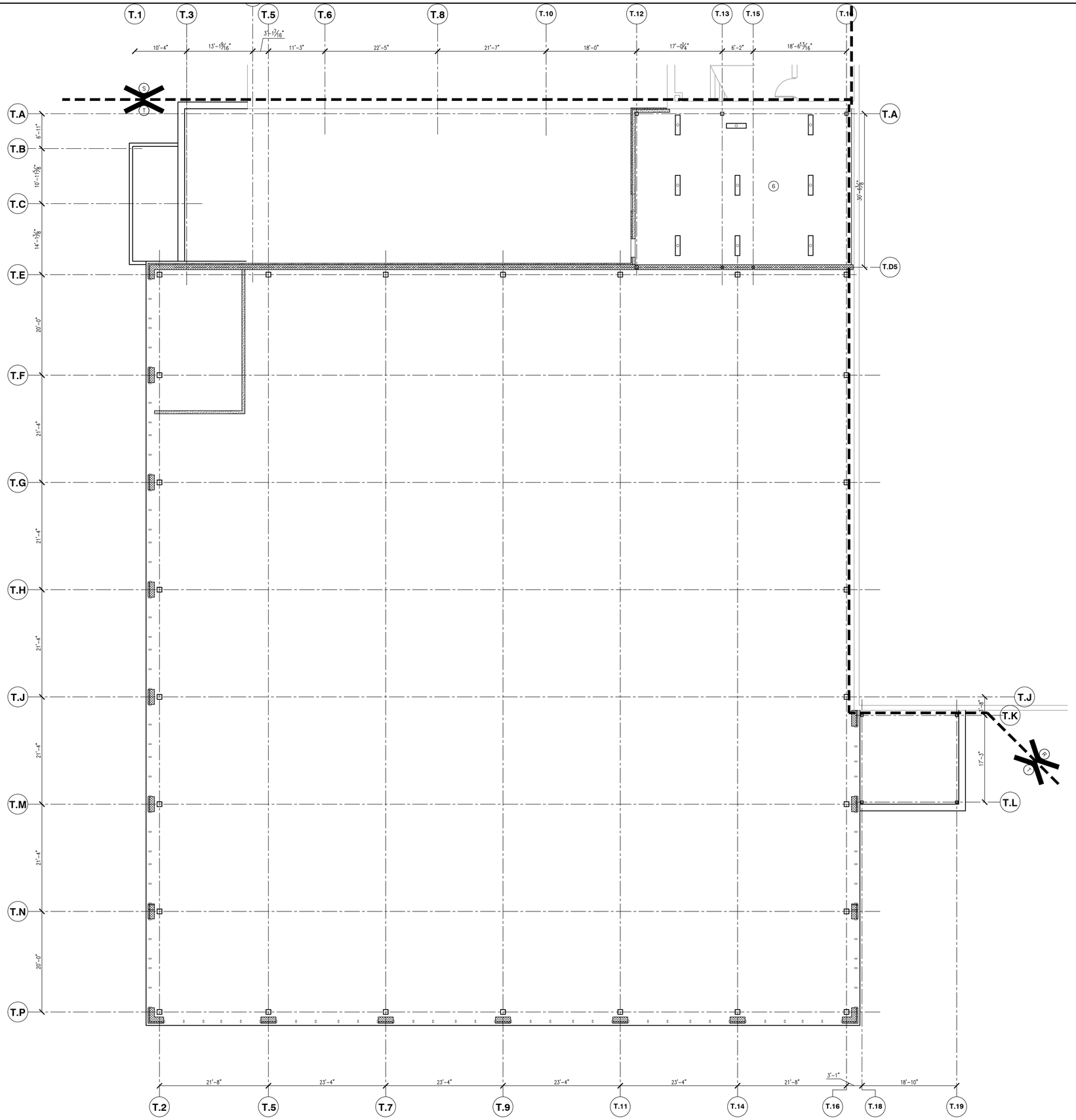
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "F" ARCHITECTURAL SECOND FLOOR REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
F
A-923

Thursday, 10/21/2021 - 10:33 PM - LAST SAVED BY:PDEGROTHY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-923.DWG



1 A-934 UNIT "T" ARCHITECTURAL MEZZANINE REFLECTED CEILING PLAN

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

NORTH

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID. — AD-1
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED — AD-1
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
UNIT "T" ARCHITECTURAL MEZZANINE REFLECTED CEILING PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
T
A-934

Thursday, 10/21/2021 - 10:28 PM - LAST SAVED BY:EMCCAULEY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-934.DWG

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORTS AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES

E. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

F. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

G. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

AD-1 H. REFERENCE FINISH LEGEND (A-810) FOR FINISH INFORMATION.

REFLECTED CEILING PLAN LEGEND:

SUSPENDED ACOUSTIC CEILING TILE SYSTEM WITH 24"x24" TILES ACT-1 AT 9'-4" AFF UNLESS OTHERWISE NOTED

GYPSUM BOARD BULKHEAD/CEILING

EFS SOFFIT

LED LIGHT

1x4 LIGHT FIXTURE

2x4 LIGHT FIXTURE

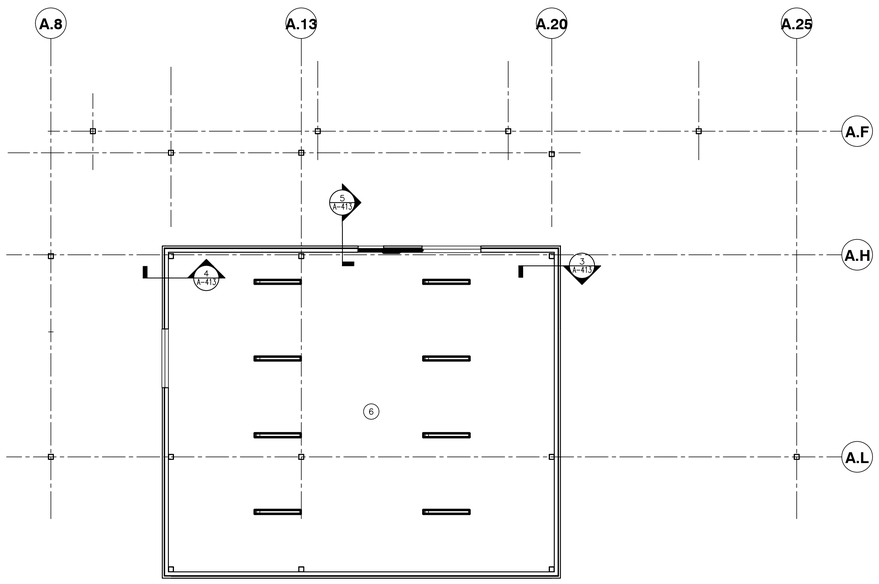
PENDANT LIGHT FIXTURE

PENDANT LIGHT FIXTURE

REFLECTED CEILING PLAN NOTES:

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

1. GYPSUM BOARD BULKHEAD. PAINT PX — 1/A-940 (U.N.O.)
2. EXISTING GYPSUM BOARD BULKHEAD. EPOXY PAINT
3. NEW ACT1 CEILING TILES IN EXISTING GRID.
4. NEW ACT2 CEILING TILES IN EXISTING GRID.
5. NEW CEILING GRID TO MATCH EXISTING CEILING GRID HEIGHT AND LAYOUT. MODIFY EXISTING GRID AS REQUIRED TO HAVE FULL TILES AT TRANSITION BETWEEN NEW AND EXISTING WHERE POSSIBLE.
6. CEILING EXPOSED STRUCTURE TO BE PAINTED
7. MODIFY EXISTING GRID AS REQUIRED FOR NEW CONSTRUCTION.
8. NO CEILING WORK.
9. PATCH EXISTING GYPSUM BOARD SOFFIT.



1/A-935 UNIT "A" PENTHOUSE REFLECTED CEILING PLAN

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

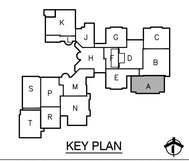
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING

UNIT "A" PENTHOUSE AND UNIT "D" CLERESTORY REFLECTED CEILING PLANS

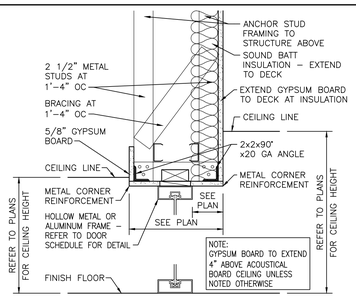
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

A

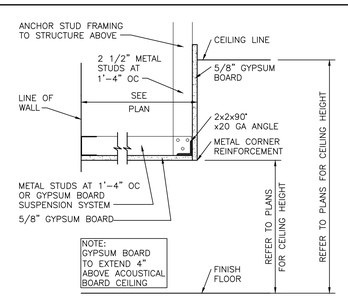
SHEET A-935

Thursday, 10/21/2021 - 10:49 PM - LAST SAVED BY:PEGROTHY
Y:\21-111 CROWN POINT CSC - CROWN POINT HIGH SCHOOL\21-111 DRAWINGS\05 ARCH\A-935.DWG

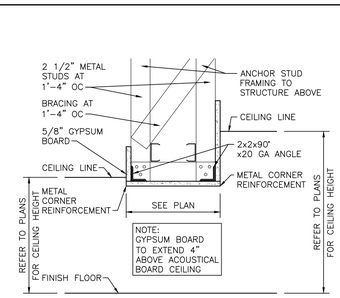
ENTIRE SHEET SHALL BE ADDED TO CONSTRUCTION SET. AD–1



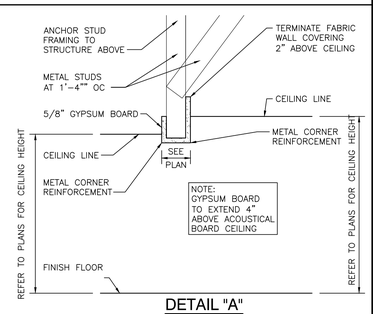
DETAIL "D"



DETAIL "C"



DETAIL "B"



DETAIL "A"

BULKHEAD DETAILS

SCALE: 1 1/2"=1'–0"

1
A–940

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21–111
DATE 10/11/21
COORDINATED BY EJM
DRAWN BY EJM
CHECKED BY EJM

REGISTERED ARCHITECT NO. ~~14600199~~ STATE OF INDIANA

REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10/22/21	ADDENDUM NO. 1

DRAWING
CEILING AND BULKHEAD DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATION

SHEET
A-940

Friday, 10/22/2021 – 8:11 AM – LAST SAVED BY:EMCCAULEY
Y:\21–111 CROWN POINT CSC – CROWN POINT HIGH SCHOOL\21–111 DRAWINGS\05 ARCH\A–940.DWG

SHEET NOTES

1. REMOVE EXISTING COOLING TOWER AND ASSOCIATED CONDENSER WATER PIPING, FANS, MOTORS, ETC COMPLETE AS REQUIRED. EXISTING UNDERGROUND CONDENSER WATER PIPING TO REMAIN.
2. REMOVE EXISTING INTERIOR CHILLER AND ASSOCIATED CHILLED WATER PIPING, PUMPS, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
3. REMOVE EXISTING BOILER AND ASSOCIATED REMOVE ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, GAS PIPING, VENT AND RELIEF PIPING, BOILER FLUE, POWER BURNER, VALVES, PNEUMATIC TEMPERATURE CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS REQUIRED.
4. REMOVE EXISTING CONDENSER WATER PUMPS AND ASSOCIATED CONDENSER WATER PIPING, VALVES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
5. REMOVE EXISTING CHILLED WATER PUMPS AND ASSOCIATED CHILLED WATER PIPING, VALVES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
6. REMOVE EXISTING HOT WATER PUMPS AND ASSOCIATED HOT WATER PIPING, VALVES, CONTROLS, ELECTRICAL CONNECTIONS, ETC. COMPLETE AS REQUIRED.
7. REMOVE EXISTING HOT WATER PIPING AND ASSOCIATED VALVES, SUPPORTS, CONTROLS, ETC. COMPLETE AS REQUIRED.
8. REMOVE EXISTING CONDENSER WATER PIPING AND ASSOCIATED VALVES, SUPPORTS, CONTROLS, ETC. COMPLETE AS REQUIRED.
9. REMOVE EXISTING REFRIGERANT DETECTION PANEL AND ASSOCIATED SENSORS, WIRING, ETC. IN ITS ENTIRETY, COMPLETE AS REQUIRED.
10. REMOVE EXISTING CONDENSER WATER FILTERS, ASSOCIATED PIPING, VALVES, ETC. COMPLETE AS REQUIRED.

REMOVE EXISTING COOLING TOWER (8) — AD-1
REMOVE EXISTING CW&R & MAKEUP (8) — AD-1
EXISTING 10" CWS & 12" CWR AND MAKEUP ROUTED UNDERGROUND TO REMAIN
REMOVE EXISTING REFRIGERANT DETECTION PANEL (9)
REMOVE EXISTING CHILLER PUMPS (5)
CHILLER ROOM F105B
FIRE PUMP F105A (1)
(2) SETS OF EXISTING 10" CWS AND 12" CWR TO REMAIN
REMOVE EXISTING CONDENSER WATER PUMPS (4)
REMOVE EXISTING CONDENSER WATER PIPING - TYP (8)
ELECTRICAL F105C
REMOVE EX. CONDENSER WATER FILTERS (5)
REMOVE EXISTING CHILLER (2)
REMOVE EXISTING CHILLER (2)
EX GAS PIPING TO REMAIN - TYP
REMOVE EXISTING CHILLED WATER PUMPS (5)
REMOVE EXISTING BOILER (3)
REMOVE EXISTING BOILER (3)
EX GAS PIPING TO REMAIN - TYP
REMOVE EX GAS PIPING
REMOVE EXISTING HOT WATER PIPING
REMOVE EXISTING HOT WATER PUMPS (6)
REMOVE EXISTING BOILER (3)
REMOVE EXISTING BOILER (3)
REMOVE EXISTING BOILER FUMPS (6)
REMOVE EXISTING HOT WATER PIPING-TYP (7)
YARD STORAGE F106
RECEIVING F101
VESTIBULE
BREAK ROOM F101F
MAINT OFFICE F101D
MAINT WORK ROOM
BOILER ROOM F105
EX GAS PIPING TO REMAIN - TYP
GENERAL STORAGE F101E
LOCKERS
STAIR
VESTIBULE
TICKETS F111B
WOMENS F109
MENS TOILET
WOMENS TOILET
PASSAGE
STORAGE
EX GAS PIPING TO REMAIN - TYP
DRY FOODS F103J
OFFICE F103H
FREEZER
COOLER
PIZZA FREEZER
PIZZA COOLER
LOBBY
JANITOR F107
KITCHEN CUSTODIAL F101A
WAREWASHING F103A
KITCHEN F103
PIZZA PREP
VESTIBULE
NORTH

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

KEY PLAN

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

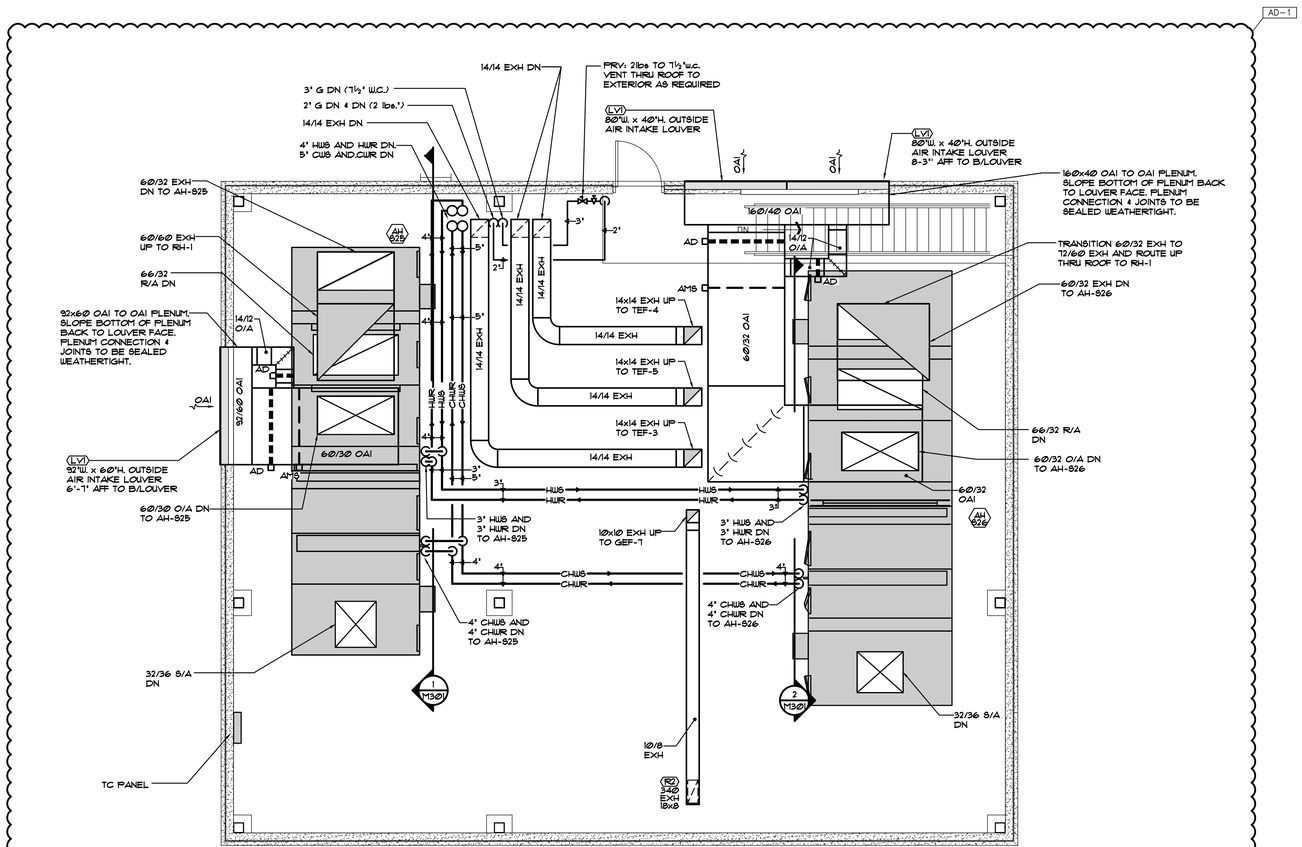
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL PIPING DEMOLITION FIRST FLOOR PLAN - UNIT J

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
J
MD209



MECHANICAL HVAC PENTHOUSE PLAN - UNIT "A"

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

NORTH

GIBRALTAR

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

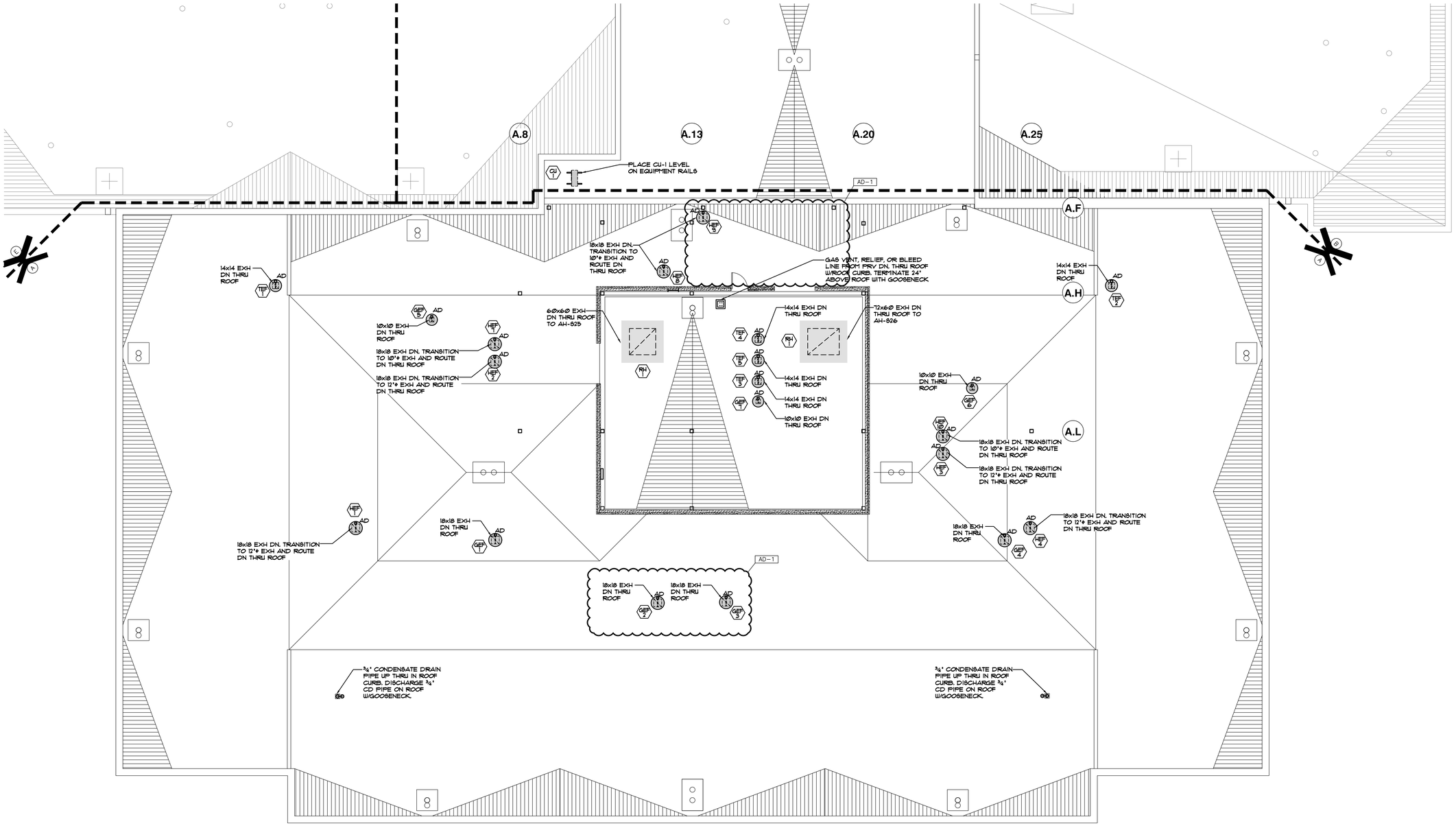
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL HVAC PENTHOUSE PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
A
M-135



MECHANICAL HVAC ROOF PLAN - UNIT "A"

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

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

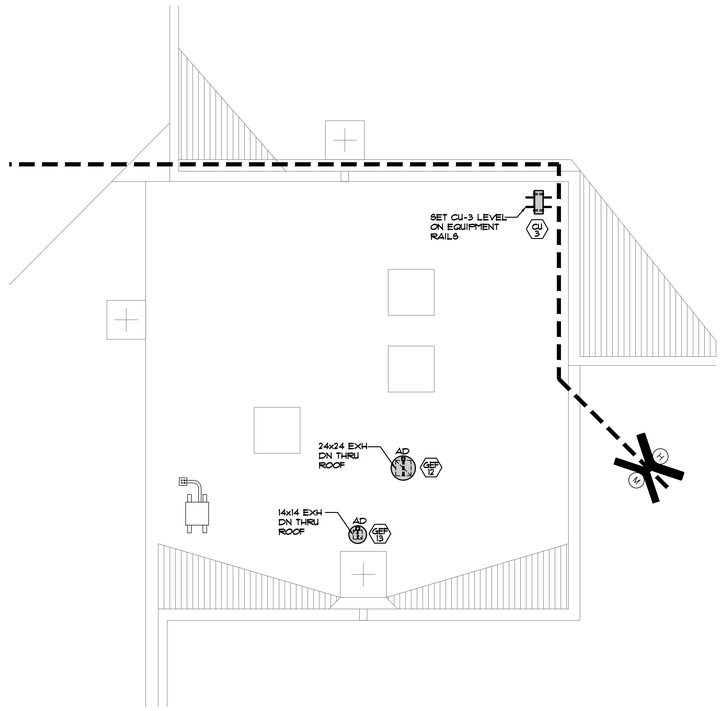
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

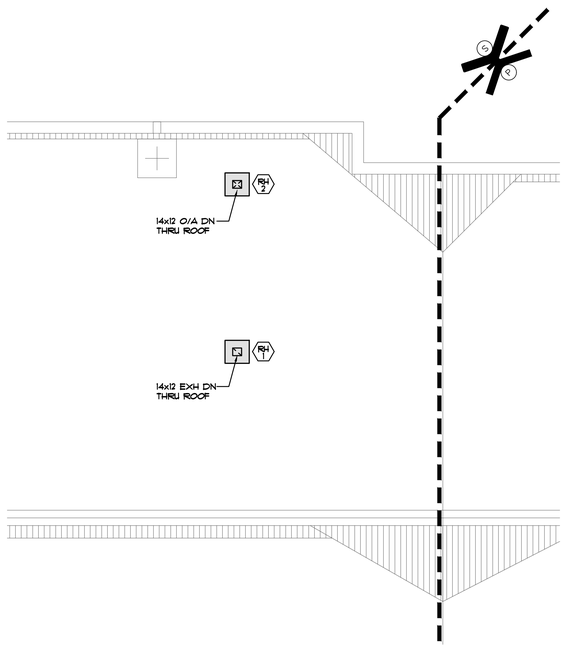
DRAWING
MECHANICAL HVAC ROOF PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
A M-136



MECHANICAL HVAC ROOF PLAN - UNIT "M"
SCALE: 1/8" = 1'-0"



MECHANICAL HVAC ROOF PLAN - UNIT "S"
SCALE: 1/8" = 1'-0"

AD-1
NEW SHEET ADDED TO CONSTRUCTION DOCUMENTS IN THIS ADDENDUM

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

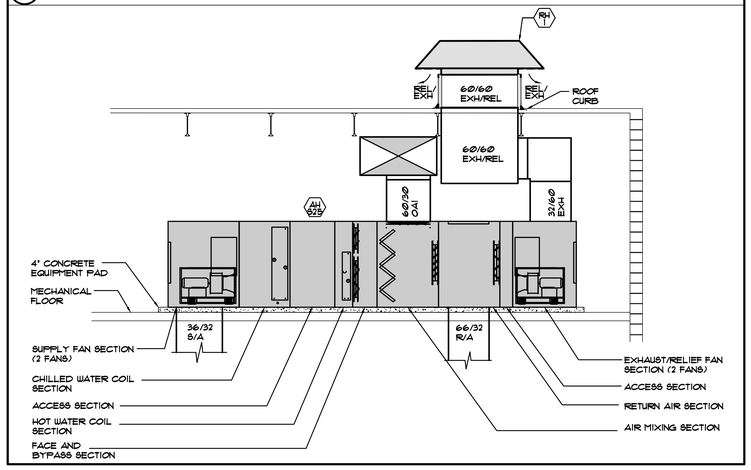
DRAWING
MECHANICAL HVAC ROOF PLAN - UNIT M,S

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

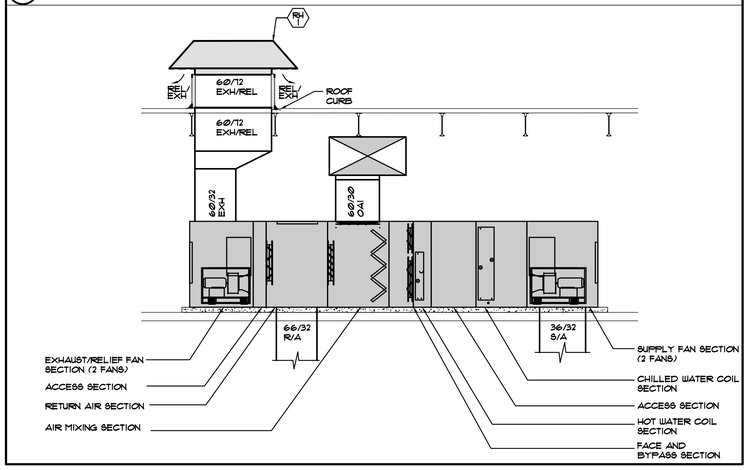
M,S

SHEET
M-140

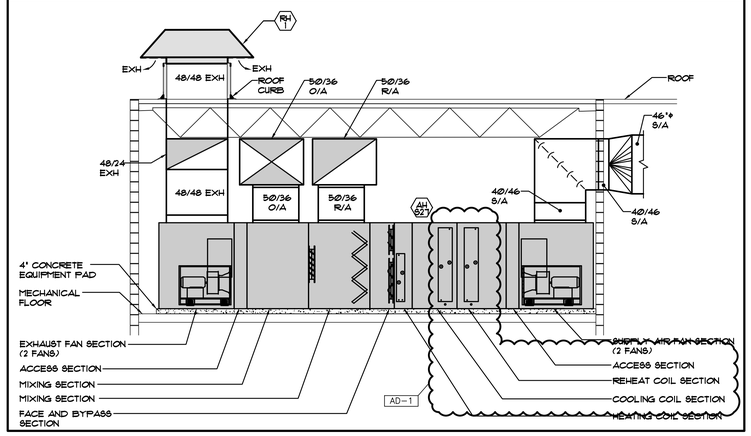
1 M-301 AHU S-25 SECTION



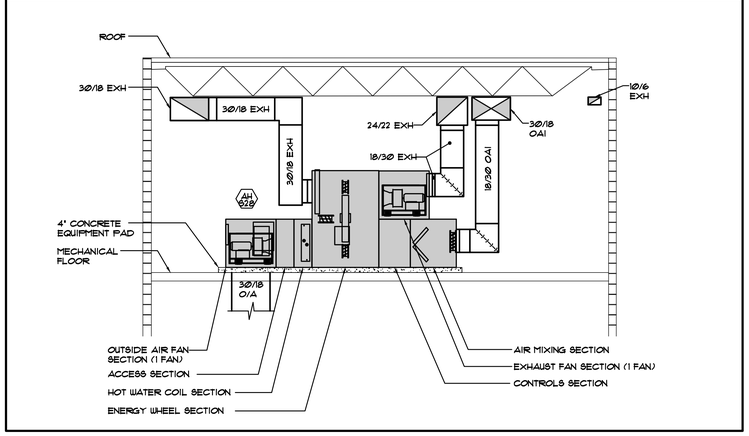
2 M-301 AHU S-26 SECTION



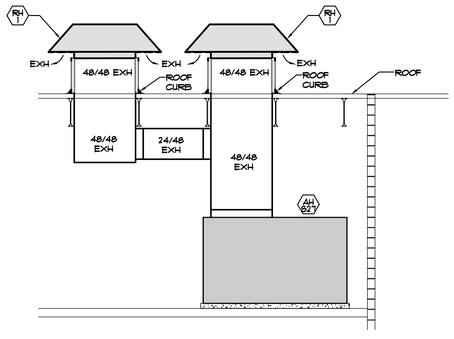
3 M-301 AHU S-27 SECTION



4 M-301 AHU S-28 SECTION



4 M-301 AHU S-27 SECTION



GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

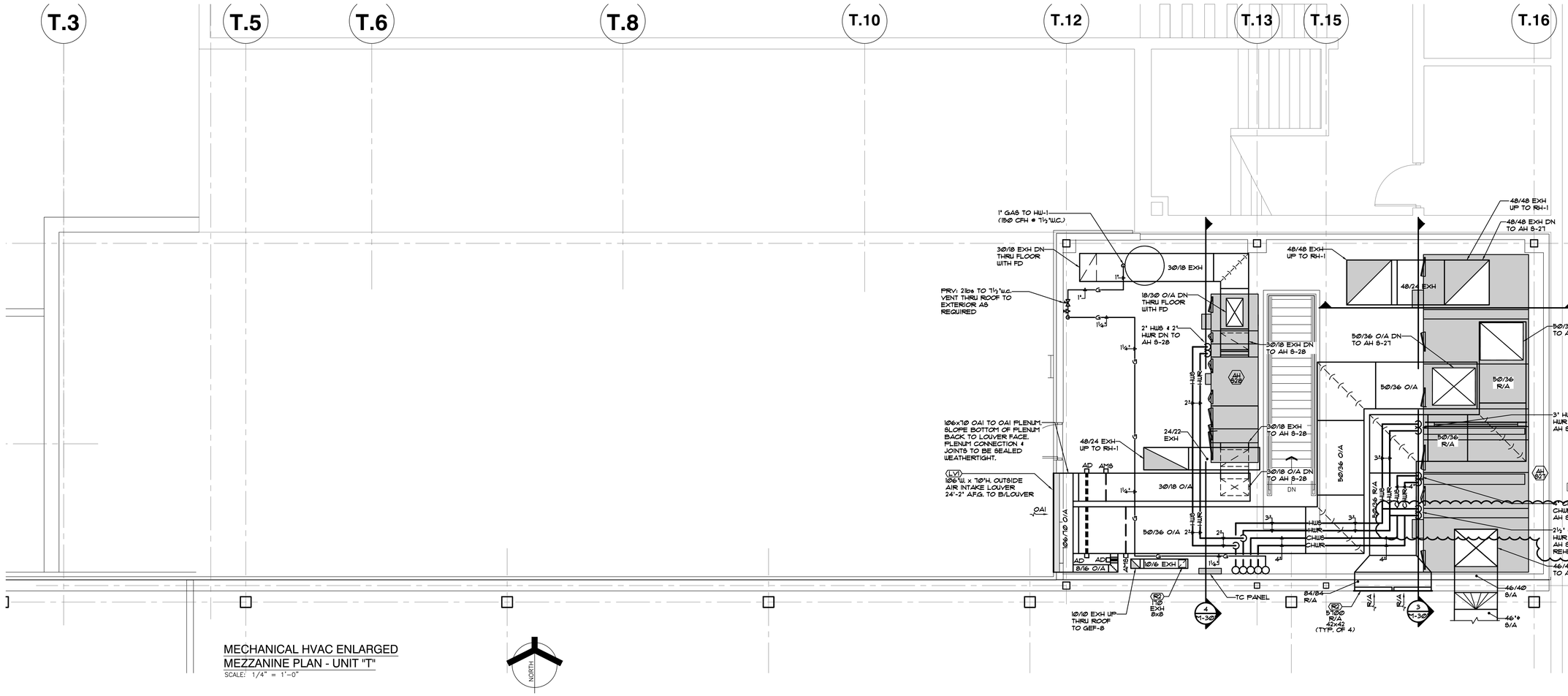
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL HVAC SECTIONS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
T
M-301



MECHANICAL HVAC ENLARGED MEZZANINE PLAN - UNIT "T"

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

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

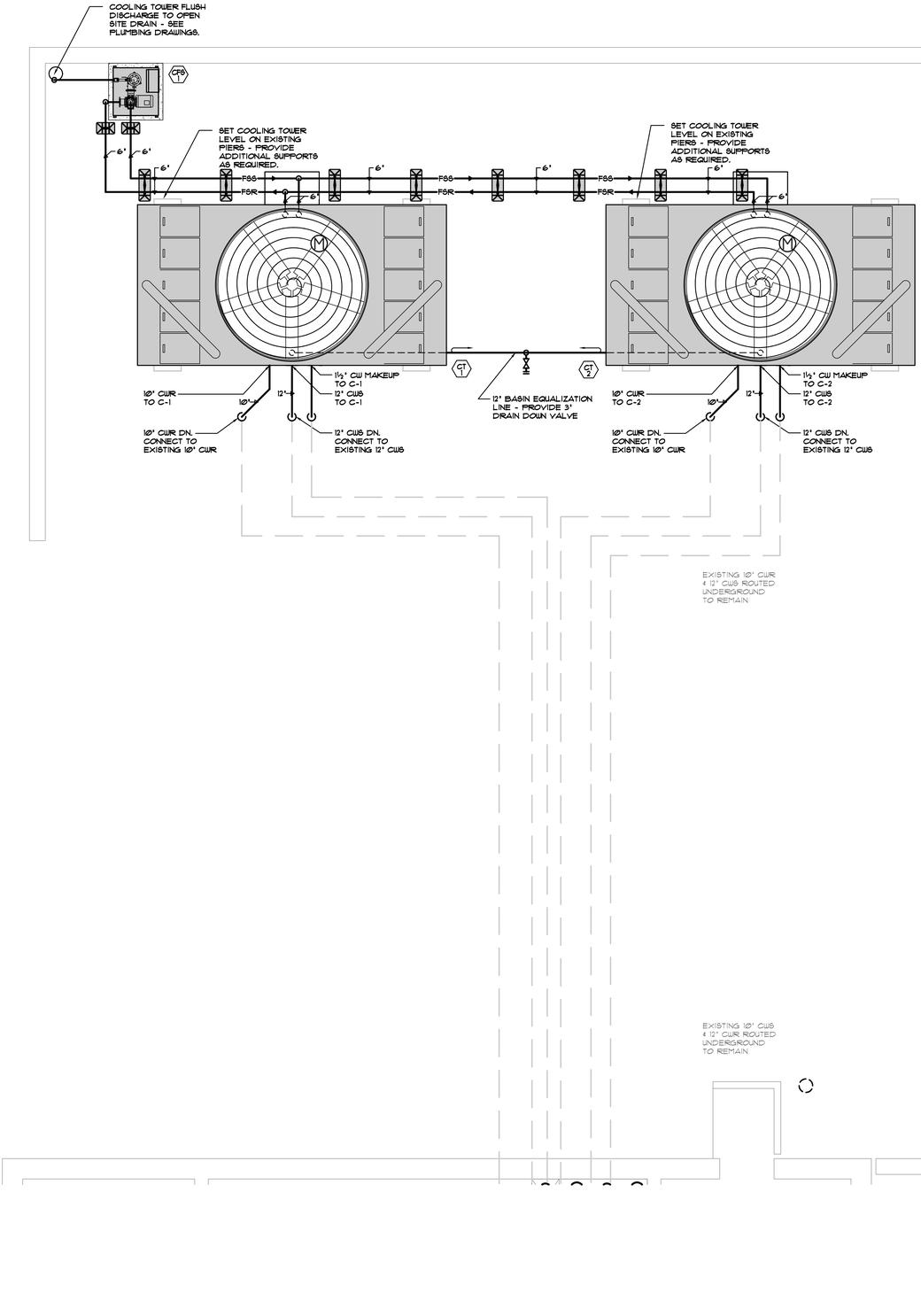
REVISIONS

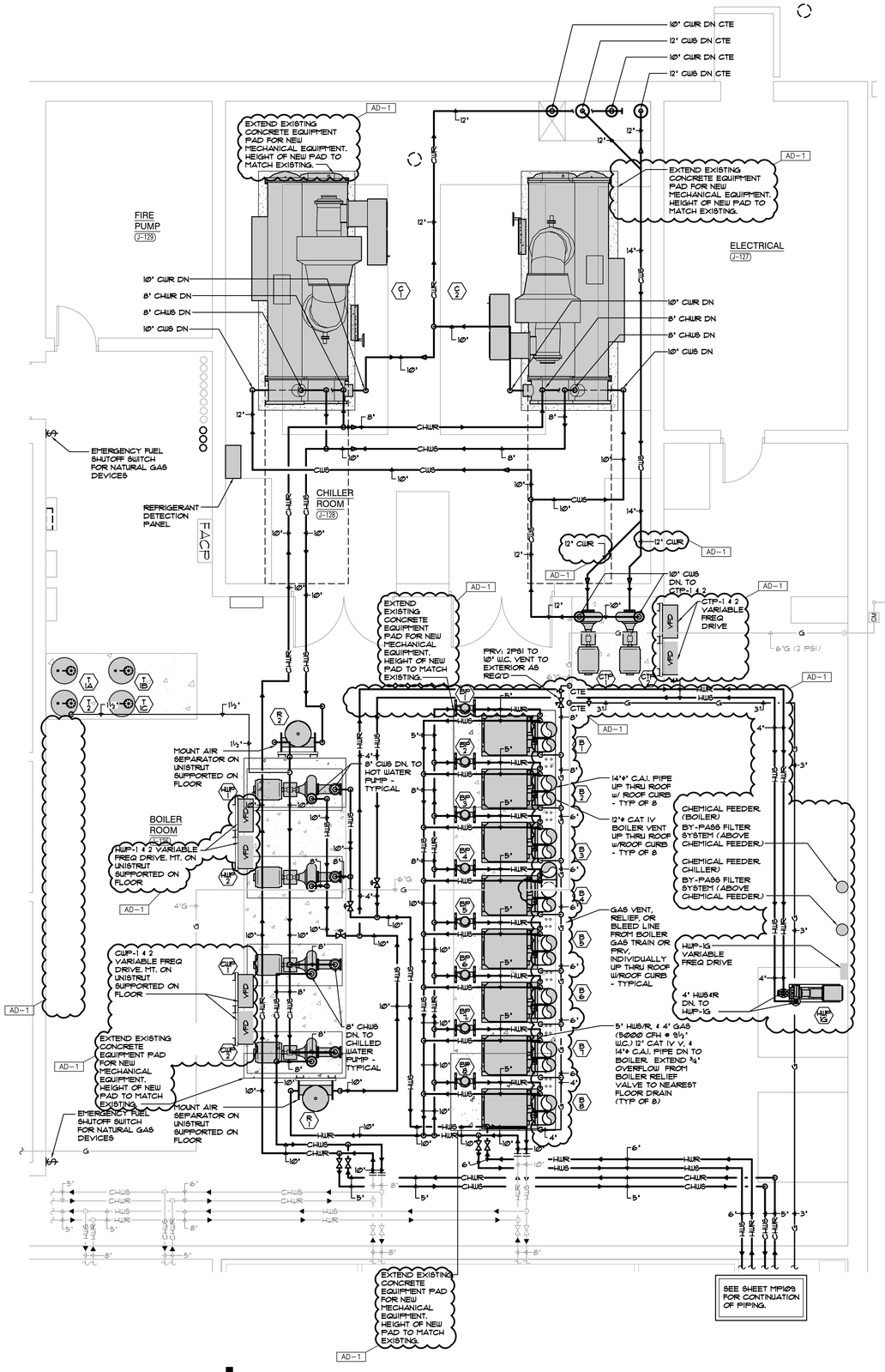
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL HVAC ENLARGED MEZZANINE PLAN - UNIT T

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
T
M-401





MECHANICAL HVAC ENLARGED BOILER ROOM PLAN - UNIT "J"

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

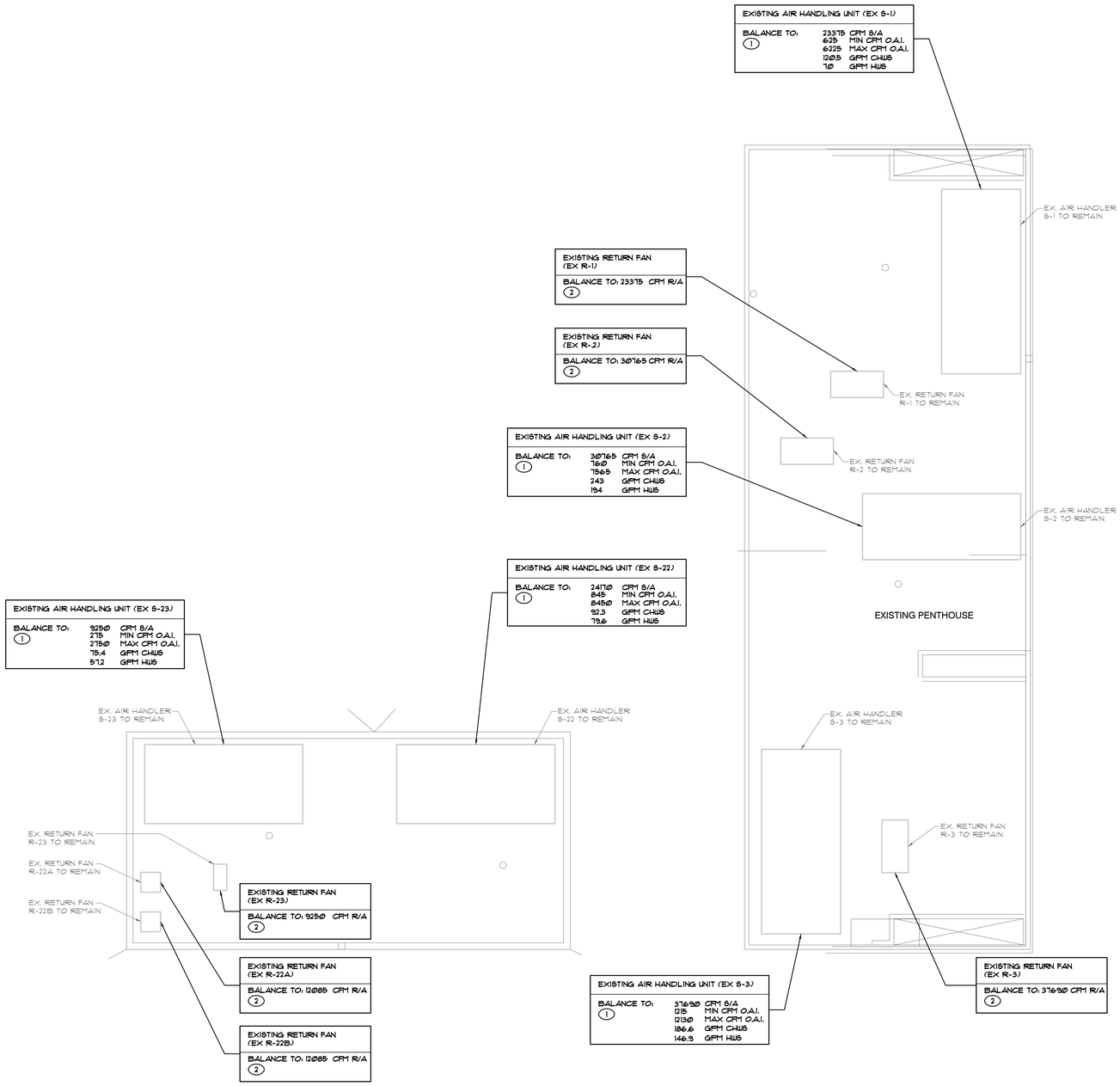
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL HVAC ENLARGED BOILER ROOM PLAN - UNIT J

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
J
M-402



MECHANICAL PENTHOUSE PLAN - UNIT "C"
SCALE: 1/8" = 1'-0"

MECHANICAL PENTHOUSE PLAN - UNIT "D"
SCALE: 1/8" = 1'-0"

MECHANICAL PENTHOUSE PLAN - UNIT "F"
SCALE: 1/8" = 1'-0"

SHEET NOTES

1. EXISTING AIR-HANDLING UNITS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING AIR-HANDLING UNIT BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE. TEST THE EXISTING CHILLED WATER AND/OR HOT WATER FLOW RATES AND PRESSURE DROPS FOR EACH COIL AND SUBMIT REPORT FOR REVIEW.
2. EXISTING RETURN FANS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING RETURN FAN BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE.
3. EXISTING ERV UNITS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING ERV UNIT BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE.

AD-1
NEW SHEET ADDED TO CONSTRUCTION DOCUMENTS IN THIS ADDENDUM

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL HVAC PENTHOUSE PLAN - UNIT C,D,F

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
C,D,F M-405

MECHANICAL EQUIPMENT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	FAN MOTOR DATA								EXHAUST FANS					DX COOLING DATA			CHILLED WATER COOLING EQUIPMENT/COIL DATA								CONDENSER WATER DATA					HOT WATER HEATING EQUIPMENT/COIL DATA								ELECTRICAL DATA										UNITS CONTROLLED BY	EQUIPMENT WEIGHT	REMARKS
				CFM	MIN OAI HIGH	MIN OAI LOW	TSP	ESP	BHP	HP	RPM	CFM	ESP	BHP	HP	RPM	MBH	CAT	STAGES	MBH	SHC	GPM	EDB	EWB	LDB	LWB	EWT	LWT	EWB	MAX WPD	GPM	EWT	LWT	EAT	LAT	EWT	LWT	MAX WPD	MBH (IN)	MBH (OUT)	GPM	EAT	LAT	EWT	LWT	MAX WPD	LOAD HP	MCA	FLA	AMPS	MOCP	VOLT	PHASE	HZ	STARTER: MC.	STARTER: EC.			
C-1	TRANE	CVHF 650	INTERIOR WATER COOLED CHILLER	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1800	-	1035	-	-	-	-	55	40	15	1300	85	99.3	-	15	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-

MECHANICAL EQUIPMENT SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	FAN MOTOR DATA								EXHAUST FANS					DX COOLING DATA			CHILLED WATER COOLING EQUIPMENT/COIL DATA										CONDENSER WATER DATA					HOT WATER HEATING EQUIPMENT/COIL DATA								ELECTRICAL DATA										UNITS CONTROLLED BY	EQUIPMENT WEIGHT	REMARKS
				CFM	MIN OA% HIGH	MIN OA% LOW	TSP	ESP	BHP	HP	RPM	CFM	ESP	BHP	HP	RPM	MBH	CAT	STAGES	MBH	SHC	GPM	EDB	EWB	LDB	LWB	EWT	LWT	MAX WPD	GPM	EWT	LWT	EWB	MAX WPD	MBH (IN)	MBH (OUT)	GPM	EAT	LAT	EWT	LWT	MAX WPD	LOAD HP	MCA	FLA	AMPS	MOCP	VOLT	PHASE	HZ.	STARTER: MC.	STARTER: EC.			
HEF-4	TWINCITY	DCRU 160BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	1210	Ø.625	-	1	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	-	X	HOOD SWITCH	200	NOTE 8
HEF-5	TWINCITY	DCRU 160BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	1210	Ø.625	-	1	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	-	X	HOOD SWITCH	200	NOTE 8
HEF-6	TWINCITY	DCRU 160BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	1210	Ø.625	-	1	887	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1	-	-	-	-	120	1	60	-	X	HOOD SWITCH	200	NOTE 8
HEF-7	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	125	NOTE 8
HEF-8	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	125	NOTE 8
HEF-9	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	125	NOTE 8
HEF-10	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	125	NOTE 8
HEF-11	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	HOOD SWITCH	125	NOTE 8
HEF-12	TWINCITY	DCRU 110BE	ROOF MOUNTED UPBLAST HOOD EXHAUST FAN	-	-	-	-	-	-	-	-	740	Ø.625	-	1/2	1255	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	AD-1 *	X	HOOD SWITCH	125	NOTE 8
DEF-1	FANTECH	DBF 4XLT	DRYER EXHAUST FAN	-	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ø.13	-	120	1	60	-	X	INTERLK TO DRYER	50	NOTE 9
DEF-2	FANTECH	DBF 4XLT	DRYER EXHAUST FAN	-	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ø.13	-	120	1	60	-	X	INTERLK TO DRYER	50	NOTE 9
DEF-3	FANTECH	DBF 4XLT	DRYER EXHAUST FAN	-	-	-	-	-	-	-	-	150	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	Ø.13	-	120	1	60	-	X	INTERLK TO DRYER	50	NOTE 9
RHP-1	AIRTEX	HEF-2	RADIANT CEILING PANEL	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1.5	Ø.15	60	100	180	160	5	-	-	-	-	-	-	-	-	-	INTGRL TSTAT	-	NOTE 10
AC-1/CU-1	MITSUBISHI	TFKA036 / TRUYA036	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	-	-	-	-	-	-	-	-	-	-	-	-	-	36	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	31	208	1	60	X	-	TSTAT	46 / 211	NOTE 11
AC-2/CU-2	MITSUBISHI	TFKA036 / TRUYA036	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	-	-	-	-	-	-	-	-	-	-	-	-	-	36	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	31	208	1	60	X	-	TSTAT	46 / 211	NOTE 11
AC-3/CU-3	MITSUBISHI	TFKA036 / TRUYA036	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	-	-	-	-	-	-	-	-	-	-	-	-	-	36	95	1	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	25	-	-	31	208	1	60	X	-	TSTAT	46 / 211	NOTE 11

NOTES:
1. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
2. PROVIDE WITH VIBRATION ISOLATION HANGERS AND DISCONNECT SWITCH. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
3. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
4. PROVIDE WITH COMBUSTION AIR INTAKE DAMPER. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
5. PROVIDE WITH INTEGRAL THERMOSTAT AND DISCONNECT SWITCH. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
6. PROVIDE WITH INTEGRAL THERMOSTAT AND DISCONNECT SWITCH. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
7. PROVIDE WITH:
   - PROVIDE WITH DISCONNECT SWITCH
   - ECM MOTOR WITH POTENTIOMETER SPEED CONTROLLER
   - MOTORIZED DAMPER
   - BIRD SCREEN
   - ROOF CURB
   - SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
8. PROVIDE WITH:
   - DISCONNECT SWITCH
   - MOTORIZED BACKDRAFT DAMPER
   - BIRD SCREEN, ROOF CURB
   - HERESITE COATING
   - SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
9. PROVIDE WITH:
   - BUILT-IN BACKDRAFT DAMPER
   - VIBRATION ISOLATION HANGERS
   - SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION
10. PROVIDE WITH:XXX
11. PROVIDE INDOOR AC WITH:
    - WIRED THERMOSTAT
    - CONDENSATE PUMP (WALL MOUNTED UNITS ONLY)
    - VIBRATION ISOLATION HANGERS

    PROVIDE OUTDOOR CU WITH:
    - LOW AMBIENT CONTROLS FOR 100% COOLING CAPACITY DOWN TO -10°F
    - WIND BAFFLES
    - HAIL GUARDS
    - 18" HIGH EQUIPMENT SUPPORT RAILS WITH SPRING ISOLATORS

    SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.
12. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
13. PROVIDE WITH:
    - COOLING TOWERS:
    - DAMS FOR LOW FLOW IN HOT WATER BASINS.
    - FILL RAISED ABOVE BASIN FOR TOWER FLUSH SYSTEM.
    - STAINLESS STEEL BASINS.
    - TOWER STRUCTURE SHALL ACCOMMODATE SUPPORT BY EXISTING PIERS.
    - COTTONWOOD SCREENS ON TOWER INTAKE.

AD-1
14. REFER TO TYPICAL SCIENCE ROOM SHUT-OFF SCHEMATIC WIRING DIAGRAM ON SHEET.
15. PROVIDE WITH HOT WATER REHEAT COIL WITH CAPACITY OF 633.5 MHB AND 63.27 GPM.

EX. S-6 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	HW REHEAT COIL DATA GPM	HW REHEAT COIL DATA WPD	HW REHEAT COIL DATA EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
6A	NAILOR	D30RW-05	5"	255	65	6.9	Ø.7	5'	160	X	-	-
6B	NAILOR	D30RW-10	10"	1,000	275	29.3	2.9	5'	160	X	-	-
6C	NAILOR	D30RW-12	12"	1,305	335	35.4	3.5	5'	160	X	-	-
6D	NAILOR	D30RW-12	12"	1,260	325	41.0	4.1	5'	160	-	X	-

EX. S-9 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	HW REHEAT COIL DATA GPM	HW REHEAT COIL DATA WPD	HW REHEAT COIL DATA EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
9A	NAILOR	D30RW-14	14"	2,440	715	78.4	7.9	5'	160	-	X	-

EX. S-5 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	HW REHEAT COIL DATA GPM	HW REHEAT COIL DATA WPD	HW REHEAT COIL DATA EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
5A	NAILOR	D30RW-06	6"	310	100	8.4	Ø.8	5'	160	X	-	-
5B	NAILOR	D30RW-05	5"	130	45	3.5	Ø.4	5'	160	X	-	-
5C	NAILOR	D30RW-05	5"	140	45	3.8	Ø.4	5'	160	X	-	-
5D	NAILOR	D30RW-06	6"	310	100	8.4	Ø.8	5'	160	X	-	-
5E	NAILOR	D30RW-05	5"	270	90	7.3	Ø.7	5'	160	X	-	-
5F	NAILOR	D30RW-05	5"	270	90	7.3	Ø.7	5'	160	X	-	-
5G	NAILOR	D30RW-07	7"	410	135	13.3	1.3	5'	160	-	X	-
5H	NAILOR	D30RW-06	6"	365	120	9.9	1.0	5'	160	X	-	-
5I	NAILOR	D30RW-05	5"	160	55	4.3	Ø.4	5'	160	X	-	-
5J	NAILOR	D30RW-06	6"	350	115	9.5	Ø.9	5'	160	X	-	-
5K	NAILOR	D30RW-07	7"	410	135	13.3	1.3	5'	160	-	X	-
5L	NAILOR	D30RW-07	7"	550	180	17.9	1.8	5'	160	-	X	-
5M	NAILOR	D30RW-07	7"	410	135	13.3	1.3	5'	160	-	X	-
5N	NOT USED	-	-	-	-	-	-	-	-	-	-	-
5O	NAILOR	D30RW-05	5"	100	35	2.7	Ø.3	5'	160	X	-	-
5P	NAILOR	D30RW-06	6"	350	115	9.5	Ø.9	5'	160	X	-	-
5Q	NAILOR	D30RW-06	6"	300	100	8.1	Ø.8	5'	160	X	-	-
5R	NAILOR	D30RW-08	8"	575	190	18.7	1.9	5'	160	-	X	-
5S	NAILOR	D30RW-06	6"	360	120	11.7	1.2	5'	160	-	X	-
5T	NAILOR	D30RW-06	6"	355	115	11.6	1.2	5'	160	-	X	-
5U	NAILOR	D30RW-07	7"	490	160	13.3	1.3	5'	160	X	-	-
5V	NAILOR	D30RW-14	14"	1,960	650	53.2	5.3	5'	160	X	-	-
5W	NAILOR	D30RW-07	7"	410	135	11.1	1.1	5'	160	X	-	-
5X	NAILOR	D30RW-07	7"	420	140	11.4	1.1	5'	160	X	-	-
5Y	NAILOR	D30RW-06	6"	320	105	8.7	Ø.9	5'	160	X	-	-
5Z	NAILOR	D30RW-06	6"	320	105	8.7	Ø.9	5'	160	X	-	-

INTAKE/RELIEF HOOD SCHEDULE

TAG	MANUFACTURER	MODEL #	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS
RH-1	ACME	#TEV	SEE PLANS	EXHAUST/RELIEF AIR HOOD	ROOF	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.
RH-2	ACME	#TIV	SEE PLANS	OUTSIDE AIR INTAKE HOOD	ROOF	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.

AD-1

EX. S-4 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	HW REHEAT COIL DATA GPM	HW REHEAT COIL DATA WPD	HW REHEAT COIL DATA EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
4A	NAILOR	D30RW-05	5"	255	60	6.9	Ø.7	5'	160	X	-	-
4B	NAILOR	D30RW-10	10"	930	225	25.2	2.5	5'	160	X	-	-
4C	NAILOR	D30RW-12	12"	1,245	300	33.8	3.4	5'	160	X	-	-
4D	NAILOR	D30RW-12	12"	1,380	335	37.4	3.7	5'	160	X	-	-
4E	NAILOR	D30RW-14	14"	2,200	530	59.7	6.0	5'	160	X	-	-

S-25 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	HW REHEAT COIL DATA GPM	HW REHEAT COIL DATA WPD	HW REHEAT COIL DATA EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
25A	NAILOR	D30RW-08	8"	660	330	17.9	1.8	5'	160	X	-	-
25B	NAILOR	D30RW-10	10"	820	410	22.2	2.2	5'	160	X	-	-
25C	NAILOR	D30RW-10	10"	960	475	31.2	3.1	5'	160	-	X	-
25D	NAILOR	D30RW-10	10"	960	475	31.2	3.1	5'	160	-	X	-
25E	NAILOR	D30RW-12	12"	1,225	610	39.9	4.0	5'	160	-	X	-
25F	NAILOR	D30RW-10	10"	960	475	31.2	3.1	5'	160	-	X	-
25G	NAILOR	D30RW-10	10"	940	465	25.5	2.5	5'	160	X	-	-
25H	NAILOR	D30RW-12	12"	1,270	630	41.3	4.1	5'	160	-	X	-
25I	NAILOR	D30RW-10	10"	1,155	575	31.3	3.1	5'	160	X	-	-
25J	NAILOR	D30RW-12	12"	1,790	890	48.6	4.9	5'	160	X	-	-
25K	NAILOR	D30RW-12	12"	1,280	635	34.7	3.5	5'	160	X	-	-
25L	NAILOR	D30RW-12	12"	1,370	680	44.6	4.5	5'	160	-	X	-
25M	NAILOR	D30RW-10	10"	1,140	565	37.1	3.7	5'	160	-	X	-
25N	NAILOR	D30RW-12	12"	1,470	730	47.8	4.8	5'	160	-	X	-
25O	NAILOR	D30RW-10	10"	1,170	580	38.1	3.8	5'	160	-	X	-
25P	NAILOR	D30RW-12	12"	1,340	665	43.6	4.4	5'	160	-	X	-

S-26 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX. CFM	CFM SETTING MIN. CFM	HW REHEAT COIL DATA MBH	HW REHEAT COIL DATA GPM	HW REHEAT COIL DATA WPD	HW REHEAT COIL DATA EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
26A	NAILOR	D30RW-10	10"	875	355	23.7	2.4	5'	160	X	-	-
26B	NAILOR	D30RW-10	10"	820	335	22.2	2.2	5'	160	X	-	-
26C	NAILOR	D30RW-10	10"	960	390	31.2	3.1	5'	160	-	X	-
26D	NAILOR	D30RW-10	10"	960	390	31.2	3.1	5'	160	-	X	-
26E	NAILOR	D30RW-10	10"	1,140	465	37.1	3.7	5'	160	-	X	-
26F	NAILOR	D30RW-10	10"	930	380	30.3	3.0	5'	160	-	X	-
26G	NAILOR	D30RW-10	10"	940	385	25.5	2.5	5'	160	X	-	-
26H	NAILOR	D30RW-10	10"	1,090	445	35.5	3.5	5'	160	-	X	-
26I	NAILOR	D30RW-10	10"	940	385	25.5	2.5	5'	160	X	-	-
26J	NAILOR	D30RW-12	12"	1,295	530	35.1	3.5	5'	160	X	-	-
26K	NAILOR	D30RW-12	12"	1,815	740	49.2	4.9	5'	160	X	-	-
26L	NAILOR	D30RW-10	10"	1,140	465	37.1	3.7	5'	160	-	X	-
26M	NAILOR	D30RW-12	12"	1,370	560	44.6	4.5	5'	160	-	X	-
26N	NAILOR	D30RW-12	12"	1,470	600	47.8	4.8	5'	160	-	X	-
26O	NAILOR	D30RW-10	10"	1,140	465	37.1	3.7	5'	160	-	X	-
26P	NAILOR	D30RW-12	12"	1,380	565	44.9	4.5	5'	160	-	X	-
26Q	NAILOR	D30RW-14	14"	2,100	855	68.4	6.8	5'	160	-	X	-
26R	NAILOR	D30RW-14	14"	2,100	855	68.4	6.8	5'	160	-	X	-
26S	NAILOR	D30RW-07	7"	420	170	13.7	1.4	5'	160	-	X	-
26T	NAILOR	D30RW-06	6"	405	165	13.2	1.3	5'	160	-	X	-

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
M-502

EX. S-1 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	GPM	WPD	EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
1A	NAILOR	D30RW-08	8"	695	260	18.9	1.9	5'	160	X	-	-
1B	NAILOR	D30RW-14	14"	2,500	945	81.4	8.1	5'	160	-	X	-

EX. S-2 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	GPM	WPD	EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
2A	NAILOR	D30RW-12	12"	1,500	115	48.8	4.9	5'	160	-	X	-

EX. S-3 VAV TERMINAL SCHEDULE

TAG	MANUFACTURER	MODEL	INLET DIA.	CFM SETTING MAX CFM	CFM SETTING MIN CFM	HW REHEAT COIL DATA MBH	GPM	WPD	EWT	CONTROL SEQUENCE OPEN/CLOSED	CONTROL SEQUENCE OPEN/CLOSED/OPEN	REMARKS
3A	NAILOR	D30RW-12	12"	1,220	550	33.1	3.3	5'	160	X	-	-
3B	NAILOR	D30RW-12	12"	1,520	685	41.2	4.1	5'	160	X	-	-
3C	NAILOR	D30RW-05	5"	260	115	7.1	Ø.7	5'	160	X	-	-
3D	NAILOR	D30RW-16	16"	2,100	1215	73.2	7.3	5'	160	X	-	-
3E	NAILOR	D30RW-16	16"	2,600	1170	70.5	7.1	5'	160	X	-	-
3F	NAILOR	D30RW-12	12"	1,500	675	40.7	4.1	5'	160	X	-	-
3G	NAILOR	D30RW-05	5"	240	110	6.5	Ø.7	5'	160	X	-	-
3H	NAILOR	D30RW-10	10"	1,020	460	27.7	2.8	5'	160	X	-	-
3I	NAILOR	D30RW-08	8"	780	350	21.2	2.1	5'	160	X	-	-
3J	NAILOR	D30RW-06	6"	310	140	8.4	Ø.8	5'	160	X	-	-
3K	NAILOR	D30RW-05	5"	210	95	5.7	Ø.6	5'	160	X	-	-
3L	NAILOR	D30RW-14	14"	1,960	885	53.2	5.3	5'	160	X	-	-
3M	NAILOR	D30RW-07	7"	540	245	14.6	1.5	5'	160	X	-	-
3N	NAILOR	D30RW-12	12"	1,305	590	35.4	3.5	5'	160	X	-	-
3O	NAILOR	D30RW-10	10"	1,000	450	27.1	2.7	5'	160	X	-	-
3P	NAILOR	D30RW-07	7"	435	195	11.8	1.2	5'	160	X	-	-
3Q	NAILOR	D30RW-12	12"	1,260	570	34.2	3.4	5'	160	X	-	-

AD-1

DUCTWORK INSULATION/LINING SCHEDULE

REFER TO SPECIFICATIONS FOR ADDITIONAL INSULATION REQUIREMENTS

DUCTWORK TYPE	INSULATION TYPE CONCEALED	INSULATION TYPE EXPOSED
SUPPLY AIR DUCTWORK		
RECTANGULAR	1½" LINER	1½" LINER
ROUND	1½" WRAP, NOTE 1.	PERFORATED DOUBLE WALL
OUTSIDE AIR DUCTWORK		
RECTANGULAR	1½" WRAP	1½" WRAP
ROUND	1½" WRAP	1½" WRAP OR PERFORATED DOUBLE WALL
RETURN AIR DUCTWORK		
RECTANGULAR	1½" LINER	1½" LINER
ROUND	PERFORATED DOUBLE WALL	PERFORATED DOUBLE WALL
TRANSFER AIR DUCTWORK	½" LINER	½" LINER
VAV & FAN-POWERED BOXES		
INLET COLLAR	1½" WRAP	1½" WRAP
HOT WATER REHEAT COIL	1½" WRAP	1½" WRAP
EXHAUST DUCTWORK		
WITHIN 10'-0" OF EXHAUST FAN	½" LINER	½" LINER

NOTE 1: ROUND DUCT SUPPLYING ONE DIFFUSER AND MORE THAN 30'-0" FROM UNIT

NATURAL GAS CONNECTION SCHEDULE

TAG	DESCRIPTION	LOCATION	CAPACITY CFH	REMARKS
B-1	BOILER	BOILER ROOM	5000	-
B-2	BOILER	BOILER ROOM	5000	-
B-3	BOILER	BOILER ROOM	5000	-
B-4	BOILER	BOILER ROOM	5000	-
B-5	BOILER	BOILER ROOM	5000	-
B-6	BOILER	BOILER ROOM	5000	-
B-7	BOILER	BOILER ROOM	5000	-
B-8	BOILER	BOILER ROOM	5000	-
WH-1	DOMESTIC WATER HEATER	-	150	-
		ADDED GAS LOAD:	40150	CFH @ 2lbs

HEAT RECOVERY SCHEDULE

UNIT TAG	MIXED SUPPLY AIR CFM	MIXED SUPPLY AIR SUMMER DB	MIXED SUPPLY AIR SUMMER WB	MIXED SUPPLY AIR WINTER DB	MIXED SUPPLY AIR WINTER WB	RETURN AIR CFM	RETURN AIR SUMMER DB	RETURN AIR SUMMER WB	RETURN AIR WINTER DB	RETURN AIR WINTER WB	EXHAUST AIR CFM	EXHAUST AIR SUMMER DB	EXHAUST AIR SUMMER WB	EXHAUST AIR WINTER DB	EXHAUST AIR WINTER WB	OUTSIDE AIR CFM	OUTSIDE AIR SUMMER DB	OUTSIDE AIR SUMMER WB	OUTSIDE AIR WINTER DB	OUTSIDE AIR WINTER WB	HEAT WHEEL DISCHARGE CFM	HEAT WHEEL DISCHARGE SUMMER DB	HEAT WHEEL DISCHARGE SUMMER WB	HEAT WHEEL DISCHARGE WINTER DB	HEAT WHEEL DISCHARGE WINTER WB	REMARKS
AH 5-2B	45Ø6	83.8	7Ø.4 F	36.9	3Ø.8 F	45Ø6	75	63 F	7Ø	53 F	45Ø6	88.1	73.1 F	21.1	19.6 F	45Ø6	95	75 F	-1Ø	-11 F	45Ø6		F		F	-

GRILLE, REGISTER & DIFFUSER SCHEDULE

TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	AIR PATTERN	MOUNTING	SIZE	TYPE OF CONTROL	REMARKS
A2	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	2-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A3	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	3-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A4	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A5	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	2-WAY CORNER	2' X 2' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A6	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	1-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A7	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	2-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A8	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	3-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
A9	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	2' X 1' LAY-IN PANEL	SEE PLANS	O.B.D.	-
B3	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	3-WAY	SURFACE MOUNTED	SEE PLANS	O.B.D.	-
B4	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	SURFACE MOUNTED	SEE PLANS	O.B.D.	-
E2	NAILOR	61DH-O	SUPPLY CEILING REGISTER	DOUBLE DEFLECTION	SURFACE MOUNTED	SEE PLANS	O.B.D.	HORIZONTAL FRONT BARS, VERTICAL BACK BARS
F1	NAILOR	58TS1-F	PLENUM SLOT LINEAR DIFFUSER	ADJUSTABLE PATTERN CONTROLLER	T-BAR MOUNTED (SEE DETAIL)	¾" SLOT WIDTH 24" LONG	V.C.D.	-
F2	NAILOR	58TS1-F	PLENUM SLOT LINEAR DIFFUSER	ADJUSTABLE PATTERN CONTROLLER	T-BAR MOUNTED (SEE DETAIL)	¾" SLOT WIDTH 48" LONG	V.C.D.	-
F3	NAILOR	58101-F	PLENUM SLOT LINEAR DIFFUSER	ADJUSTABLE PATTERN CONTROLLER	T-BAR MOUNTED (SEE DETAIL)	1" SLOT WIDTH 24" LONG	V.C.D.	-
F4	NAILOR	58101-F	PLENUM SLOT LINEAR DIFFUSER	ADJUSTABLE PATTERN CONTROLLER	T-BAR MOUNTED (SEE DETAIL)	1" SLOT WIDTH 48" LONG	V.C.D.	-
K1	NAILOR	61DHC	SUPPLY REGISTER	DOUBLE DEFLECTION	DUCT MOUNTED	SEE PLANS	FULL LENGTH EXTRACTOR	PROVIDE W/ MILL FINISH
R1	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	O.B.D.	-
R2	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	SURFACE MOUNTED	SEE PLANS	-	-
T1	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	-	-
T2	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	SURFACE MOUNTED	SEE PLANS	-	-

* ALL DIFFUSERS AND REGISTERS SHALL HAVE A WHITE FINISH UNLESS OTHERWISE NOTED

LOUVER SCHEDULE

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

PUMP SCHEDULE

TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	GPM	HEAD (FT.)	PUMP MOTOR DATA HP	RPM	VOLT	PHASE	HZ.	SUCTION/ DISCHARGE SIZE	REMARKS
HWP-1	BELL AND GOSSETT	e-1510 6G	HOT WATER DISTRIBUTION PUMP	1659	145	75	1750	480	3	60	8" / 6"	-25% PROP GLYCOL -HOT WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL, 3318 GPM AT 115 FT. HD. WITH DUAL POWER FEEDERS
HWP-2	BELL AND GOSSETT	e-1510 6G	HOT WATER DISTRIBUTION PUMP	1659	145	75	1750	480	3	60	8" / 6"	
HWP-1G	BELL AND GOSSETT	e-1510 3EB	HOT WATER DISTRIBUTION PUMP - FOR EM. GENERATOR	255	145	20	1750	480	3	60	4" / 3"	25% PROP GLYCOL
CWP-1	BELL AND GOSSETT	e-1510 5GB	CHILLED WATER DISTRIBUTION PUMP	1035	155	60	1750	480	3	60	6" / 5"	-25% PROP GLYCOL -CHILLED WATER PRIMARY PUMPS W/VFD OPERATING IN PARALLEL, 2070 GPM AT 130 FT. HD. WITH DUAL POWER FEEDERS
CWP-2	BELL AND GOSSETT	e-1510 5GB	CHILLED WATER DISTRIBUTION PUMP	1035	155	60	1750	480	3	60	6" / 5"	
BP-1	BELL AND GOSSETT	SERIES 80-4x4x9.5B	BOILER RECIRCULATION PUMP (B-1)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-2	BELL AND GOSSETT	SERIES 80-4x4x9.5B	BOILER RECIRCULATION PUMP (B-2)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-3	BELL AND GOSSETT	SERIES 80-4x4x9.5B	BOILER RECIRCULATION PUMP (B-3)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-4	BELL AND GOSSETT	SERIES 80-4x4x9.5B	BOILER RECIRCULATION PUMP (B-4)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-5	BELL AND GOSSETT	SERIES 80-4x4x9.5B	BOILER RECIRCULATION PUMP (B-5)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-6	BELL AND GOSSETT	SERIES 80-4x4x9.5B	BOILER RECIRCULATION PUMP (B-6)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-7	BELL AND GOSSETT	SERIES 80-4x4x9.5B	BOILER RECIRCULATION PUMP (B-7)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
BP-8	BELL AND GOSSETT	SERIES 80-4x4x9.5B	BOILER RECIRCULATION PUMP (B-8)	474	75	15	1750	480	3	60	4" / 4"	25% PROP GLYCOL
CTP-1	BELL AND GOSSETT	e-1510 6E	COOLING TOWER PUMP	1300	40	30	1750	480	3	60	6" / 6"	25% PROP GLYCOL
CTP-2	BELL AND GOSSETT	e-1510 6E	COOLING TOWER PUMP	1300	40	30	1750	480	3	60	6" / 6"	25% PROP GLYCOL

SILENCER SCHEDULE

TAG	MANUFACTURER	MODEL	CONN. DIMENSIONS W (in)	CONN. DIMENSIONS H (in)	SILENCER LENGTH L (in)	AIR FLOW (cfm)	VELOCITY (fpm)	P.D. (in WG)	FLOW - FAN SYSTEM	DYNAMIC INSERTION LOSS (dB) 63	125	250	1000	8000	REMARKS
SL-1	VAW	RSA-24V12	12	12	36	780	780	Ø.12	VAV-3I	5	8	14	18	10	SEE SPECIFICATIONS.
SL-2	VAW	RSA-26V12	26	8	36	780	540	Ø.14	EX. AHU 5-3	8	14	21	23	13	SEE SPECIFICATIONS.
SL-3	VAW	RSA-20V12	10	10	36	310	446	Ø.1	VAV-3J	7	11	17	30	15	SEE SPECIFICATIONS.
SL-4	VAW	RSA-20V12	10	8	24	310	558	Ø.13	EX. AHU 5-3	6	10	15	21	10	SEE SPECIFICATIONS.
SL-5	VAW	RSA-20V12	10	10	24	210	302	Ø.04	VAV-3K	6	9	13	21	12	SEE SPECIFICATIONS.
SL-6	VAW	RSA-15V30	8	6	36	210	630	Ø.09	EX. AHU 5-3	4	8	16	25	17	SEE SPECIFICATIONS.
SL-7	VAW	RSA-36V30	18	12	36	1260	840	Ø.13	VAV-3Q	5	11	15	15	11	SEE SPECIFICATIONS.
SL-8	VAW	RSA-24V12	24	14	24	1260	540	Ø.11	EX. AHU 5-3	8	11	15	18	11	SEE SPECIFICATIONS.

AD-1

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

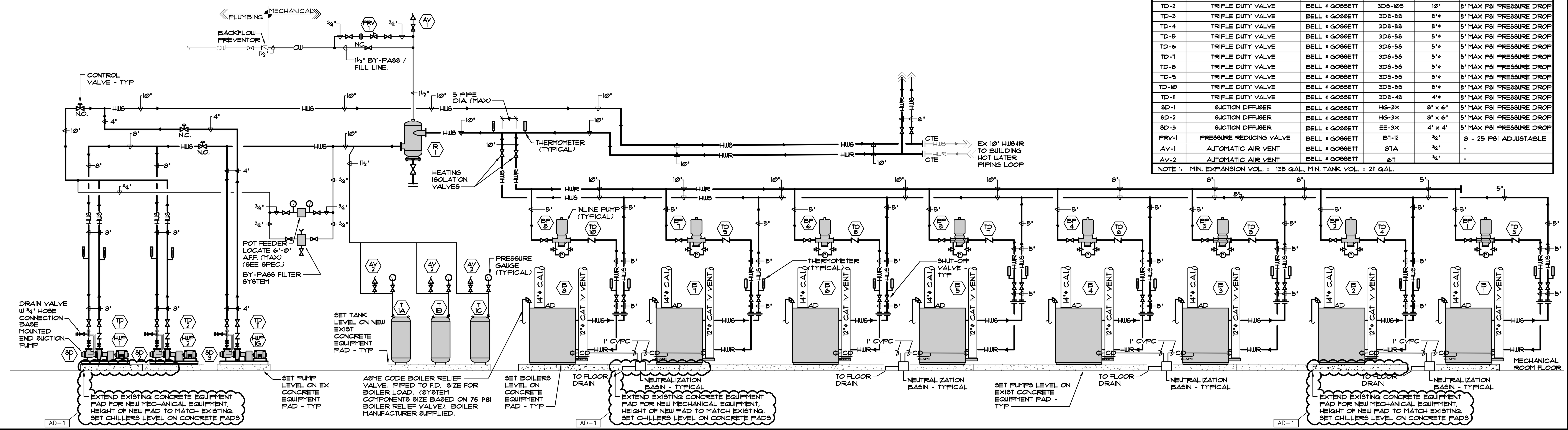
DRAWING
MECHANICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
M-503

HOT WATER SYSTEM PIPING DIAGRAM

SCHEMATIC ONLY



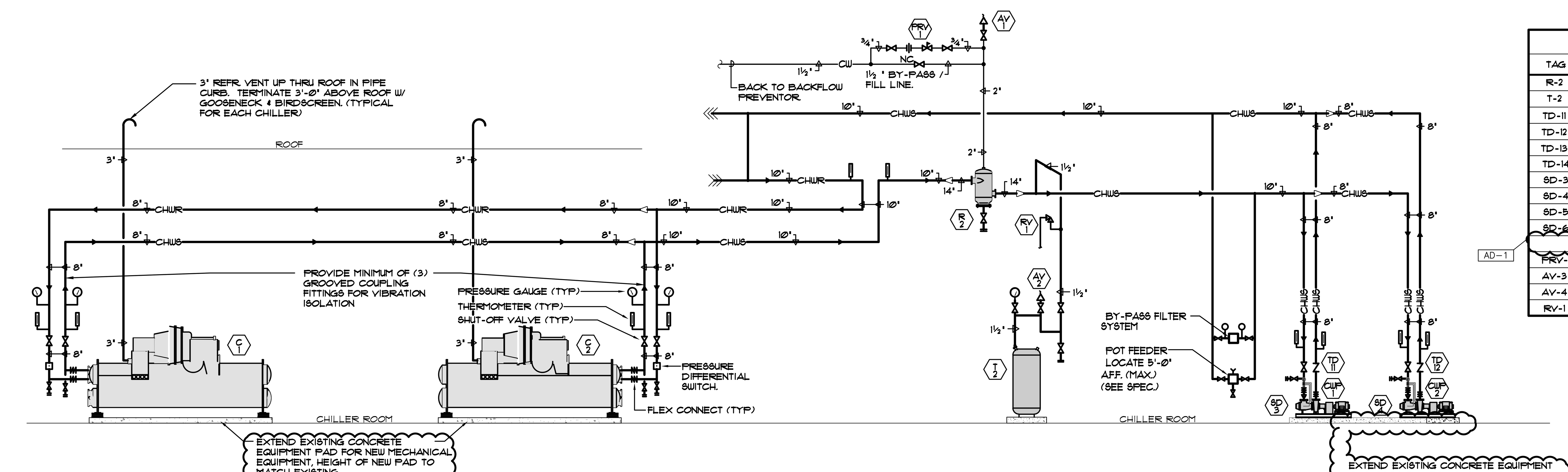
EQUIPMENT LEGEND

TAG	DESCRIPTION	MANUFACTURER	MODEL #	SIZE	REMARKS
T-1A	EXPANSION TANK	BELL & GOSSETT	D-280V	30"ϕx78¼"H	NOTE 1.
T-1B	EXPANSION TANK	BELL & GOSSETT	D-280V	30"ϕx78¼"H	NOTE 1.
T-1C	EXPANSION TANK	BELL & GOSSETT	D-280V	30"ϕx78¼"H	NOTE 1.
R-1	AIR SEPERATOR	BELL & GOSSETT	R-10	10"ϕ	3' MAX PSI PRESSURE DROP
TD-1	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-10S	10"	5' MAX PSI PRESSURE DROP
TD-2	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-10S	10"	5' MAX PSI PRESSURE DROP
TD-3	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-5S	5"ϕ	5' MAX PSI PRESSURE DROP
TD-4	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-5S	5"ϕ	5' MAX PSI PRESSURE DROP
TD-5	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-5S	5"ϕ	5' MAX PSI PRESSURE DROP
TD-6	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-5S	5"ϕ	5' MAX PSI PRESSURE DROP
TD-7	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-5S	5"ϕ	5' MAX PSI PRESSURE DROP
TD-8	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-5S	5"ϕ	5' MAX PSI PRESSURE DROP
TD-9	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-5S	5"ϕ	5' MAX PSI PRESSURE DROP
TD-10	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-5S	5"ϕ	5' MAX PSI PRESSURE DROP
TD-11	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-4S	4"ϕ	5' MAX PSI PRESSURE DROP
SD-1	SUCTION DIFFUSER	BELL & GOSSETT	HG-3X	8" x 6"	5' MAX PSI PRESSURE DROP
SD-2	SUCTION DIFFUSER	BELL & GOSSETT	HG-3X	8" x 6"	5' MAX PSI PRESSURE DROP
SD-3	SUCTION DIFFUSER	BELL & GOSSETT	EE-3X	4" x 4"	5' MAX PSI PRESSURE DROP
PRV-1	PRESSURE REDUCING VALVE	BELL & GOSSETT	B7-12	¾"	8 - 25 PSI ADJUSTABLE
AV-1	AUTOMATIC AIR VENT	BELL & GOSSETT	87A	¾"	-
AV-2	AUTOMATIC AIR VENT	BELL & GOSSETT	67	¾"	-

NOTE 1: MIN. EXPANSION VOL. = 135 GAL., MIN. TANK VOL. = 211 GAL.

CHILLER PIPING DIAGRAM

SCHEMATIC ONLY



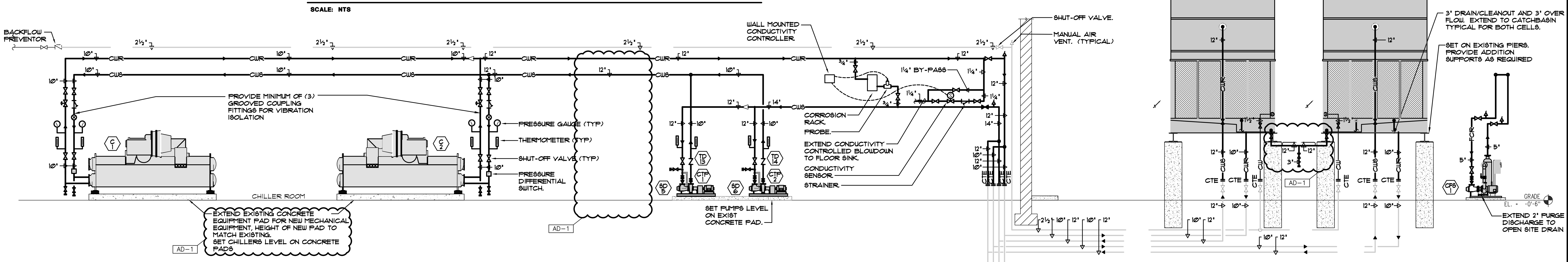
EQUIPMENT LEGEND

TAG	DESCRIPTION	MANUFACTURER	MODEL #	SIZE	REMARKS
R-2	AIR SEPARATOR	BELL & GOSSETT	R-14	-	-
T-2	EXPANSION TANK	BELL & GOSSETT	B-500	24"ϕ x 80" H	-
TD-11	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-8S	8"	1.35 PSIG PRESSURE DROP
TD-12	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-8S	8"	1.35 PSIG PRESSURE DROP
TD-13	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-10B	10"	1.35 PSIG PRESSURE DROP
TD-14	TRIPLE DUTY VALVE	BELL & GOSSETT	3DS-10B	10"	1.35 PSIG PRESSURE DROP
SD-3	SUCTION DIFFUSER	BELL & GOSSETT	HG-3X	8"x6"	0.75 PSIG PRESSURE DROP
SD-4	SUCTION DIFFUSER	BELL & GOSSETT	HG-3X	8"x6"	0.75 PSIG PRESSURE DROP
SD-5	SUCTION DIFFUSER	BELL & GOSSETT	JH-3X	10"x8"	0.75 PSIG PRESSURE DROP
SD-6	SUCTION DIFFUSER	BELL & GOSSETT	JH-3X	10"x8"	0.75 PSIG PRESSURE DROP
PRV-1	PRESSURE REDUCING VALVE	BELL & GOSSETT	3301-50	50 PSI	0.0 PSIG PRESSURE DROP
AV-3	AUTOMATIC AIR VENT	BELL & GOSSETT	107A	¾"	-
AV-4	AUTOMATIC AIR VENT	BELL & GOSSETT	87	¾"	-
RV-1	PRESSURE RELIEF VALVE	KUNKLE	912-BFEM01	-	125 PSI SETTING

AD-1

CHILLED WATER SYSTEM PIPING DIAGRAM

SCALE: NTS



CONDENSER WATER SYSTEM PIPING DIAGRAM

SCALE: NTS

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(319) 994-5400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21–111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

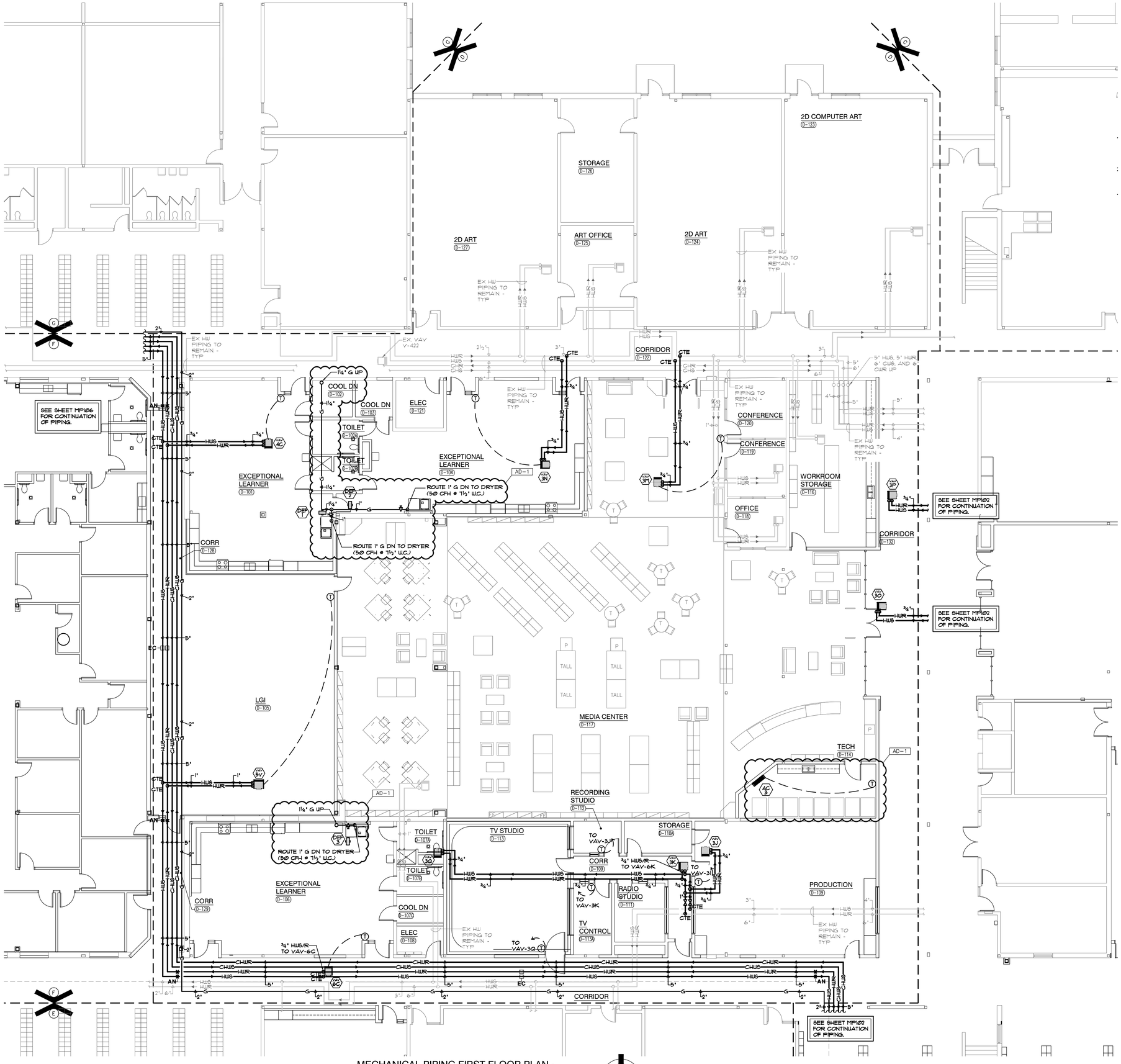
REVISIONS

MARK	DATE	ISSUED FOR
AD–1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL DETAILS & DIAGRAMS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
M-602



MECHANICAL PIPING FIRST FLOOR PLAN - UNIT "D"

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

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

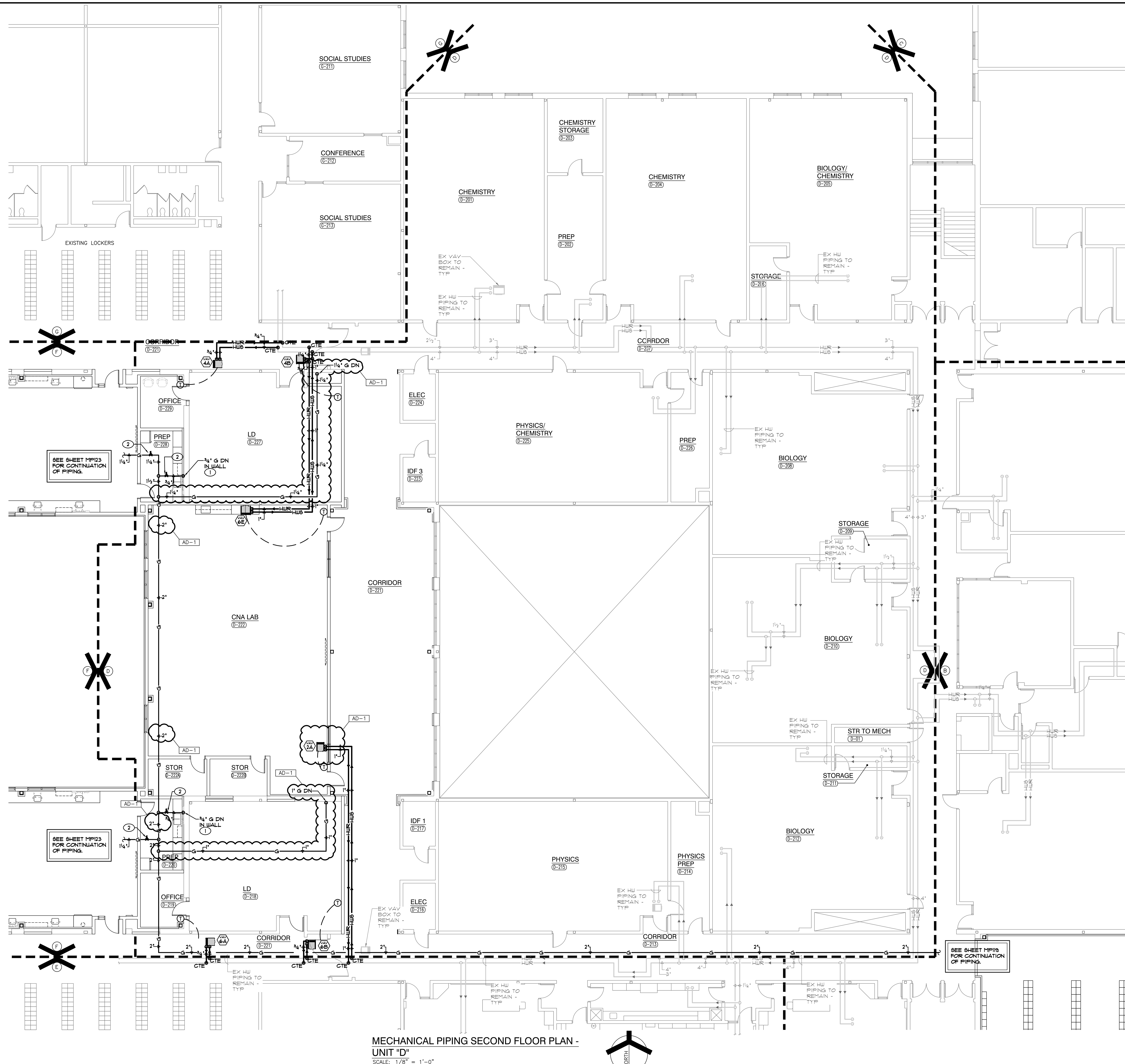
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL PIPING FIRST FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
D
MP104



MECHANICAL PIPING SECOND FLOOR PLAN - UNIT "D"

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

SHEET NOTES

1. ROUTE 3/4" GAS PIPING UP THRU CABINETRY TO GAS TURRET (10 CFH @ 7½"W.C.)
2. GAS SOLENOID VALVE. SEE ELEC PLANS.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

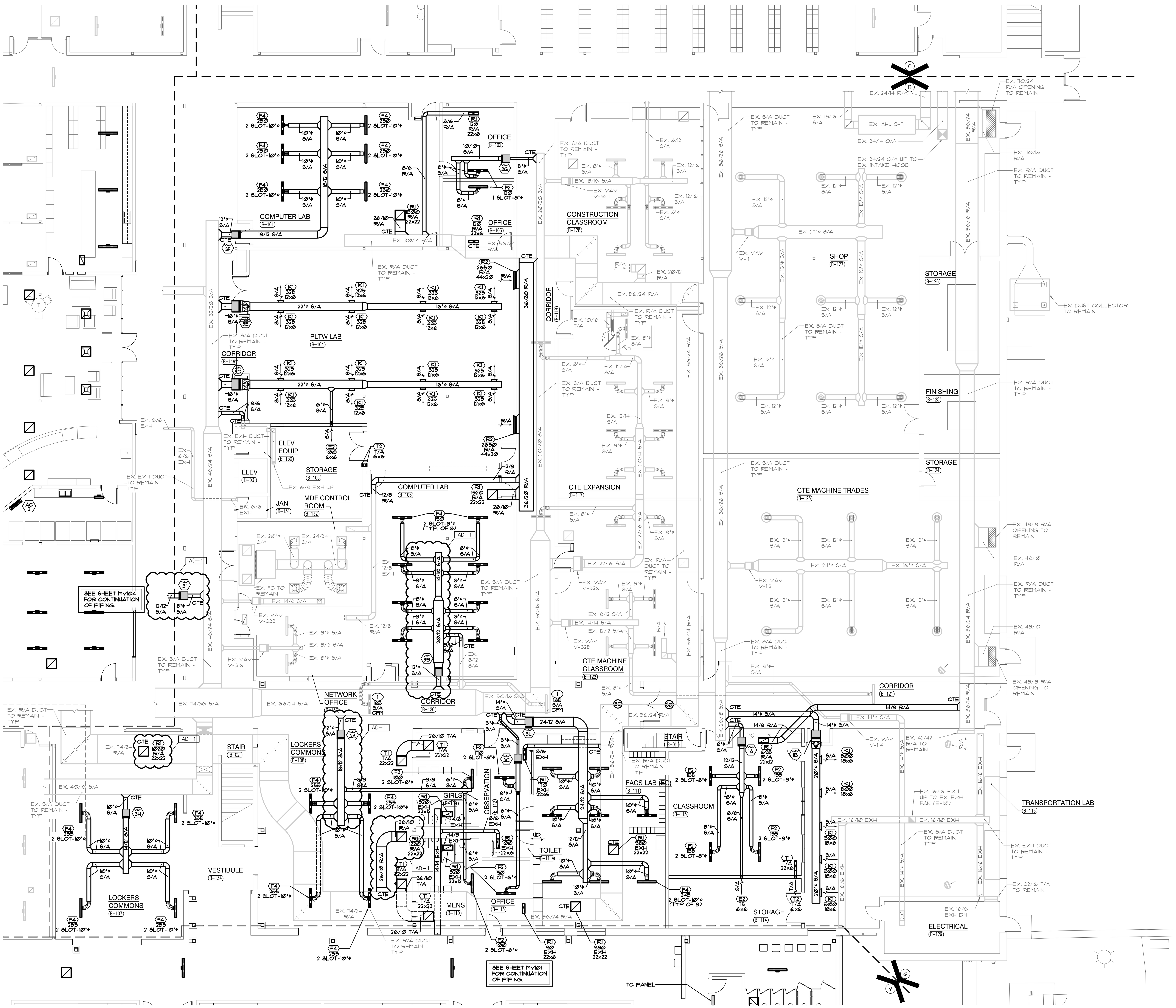
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL PIPING SECOND FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

D

SHEET
MP121



MECHANICAL VENTILATION FIRST FLOOR PLAN - UNIT "B"

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

GIBRALTAR DESIGN

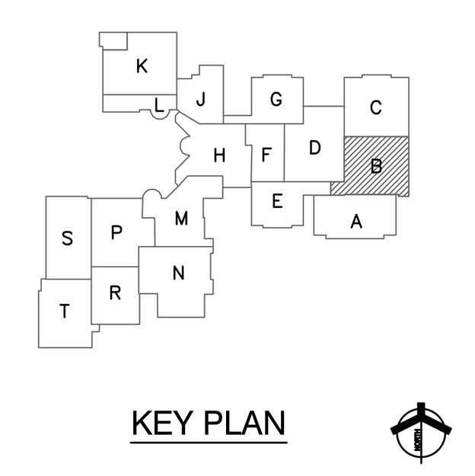
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA



KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL VENTILATION FIRST FLOOR PLAN - UNIT B

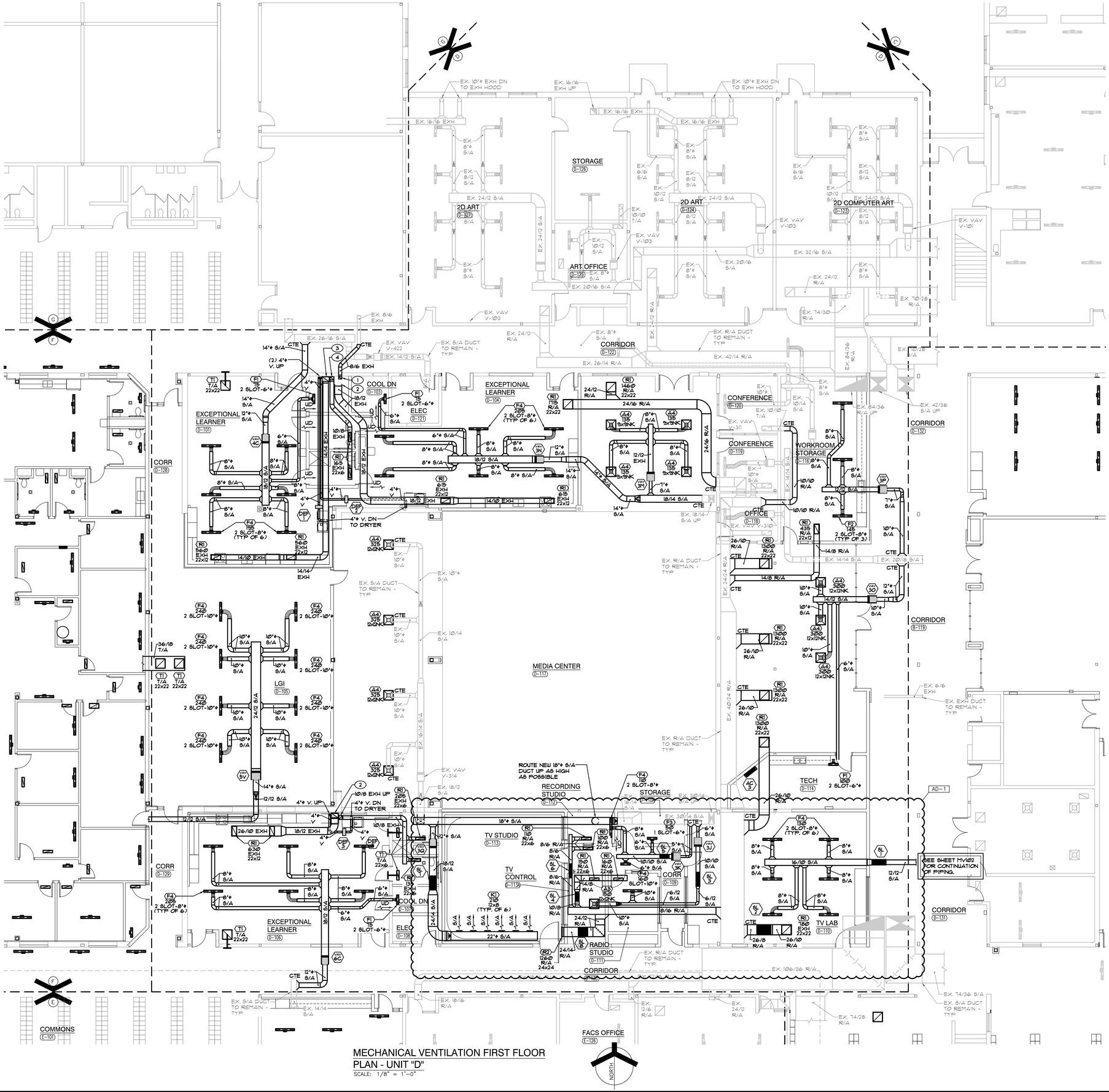
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

B

SHEET MV102

SHEET NOTES

1. 8/6 EXH UP
2. 18/12 EXH UP
3. 14/14 EXH UP
4. 10/8 EXH UP



MECHANICAL VENTILATION FIRST FLOOR PLAN - UNIT "D"

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

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL VENTILATION FIRST FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET D

SHEET MV104

SHEET NOTES

1. EXISTING AIR-HANDLING UNITS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING AIR-HANDLING UNIT BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE. TEST THE EXISTING CHILLED WATER AND/OR HOT WATER FLOW RATES AND PRESSURE DROPS FOR EACH COIL AND SUBMIT REPORT FOR REVIEW.

AD-1

STAFF DINING (H-136)
RECORDS (H-135)
MENS TOILET (H-134)
WOMENS TOILET (H-133)
WORK ROOM (H-130)
TREASURER OFFICE (H-132)
STUDENT ACCTS (H-131)
PASSAGE (H-129)
CONFERENCE (H-126)
OFFICE (H-128)
CORRIDOR (H-124)
SRO (H-127)
MAIN OFFICE (H-125)
VESTIBULE (H-101)
ENTRY (H-102)
VENDING CLOSET (H-123)
STAIR (H-02)
CAFETERIA (H-109)
WOMEN (H-103)
IDF6 (H-106)
MENS (H-104)
CORRIDOR (H-108)
FOOD SUBSTATION (H-114)
STAIR (H-01)
TABLE STORAGE (H-116)
STORAGE (H-115)
STORAGE (H-121)
CORRIDOR (H-122)
RADIO (H-118)
RADIO (H-119)
RADIO (H-120)
RADIO (H-117)
LGI (H-105)
JANITOR (H-107)
STORAGE (H-111)
VESTIBULE (H-110)
COMMONS (H-112)
VESTIBULE (H-113)

EX. AIR HANDLER B-24 TO REMAIN

EXISTING AIR HANDLING UNIT (EX B-24)

BALANCE TO: (1)

8000	CFM S/A
100	MIN CFM O.A.I.
2000	MAX CFM O.A.I.
28.1	GPM CHWS
11.1	GPM HWS

MECHANICAL VENTILATION FIRST FLOOR PLAN - UNIT "H"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

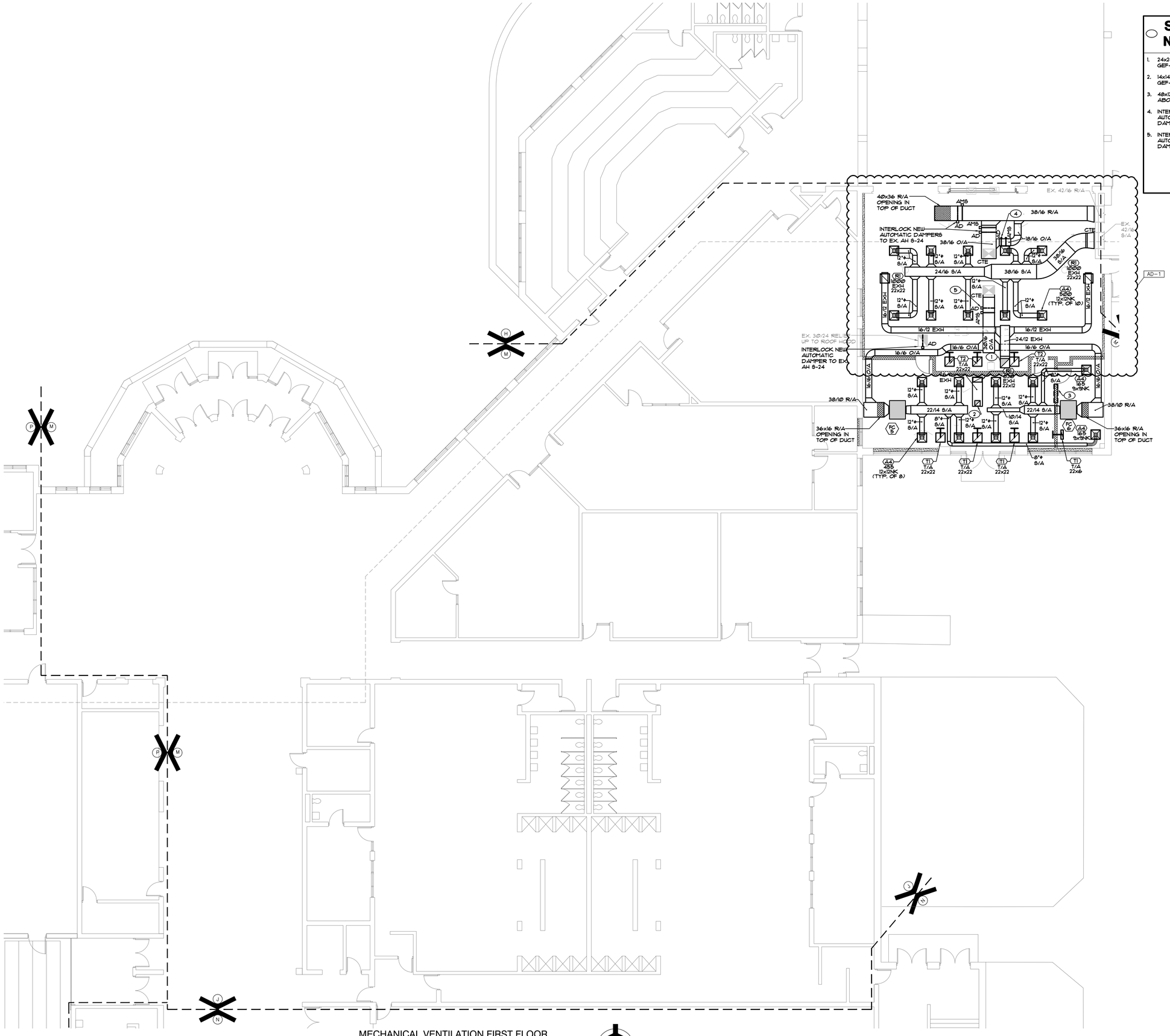
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL VENTILATION FIRST FLOOR PLAN - UNIT H

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
H
MV108



GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

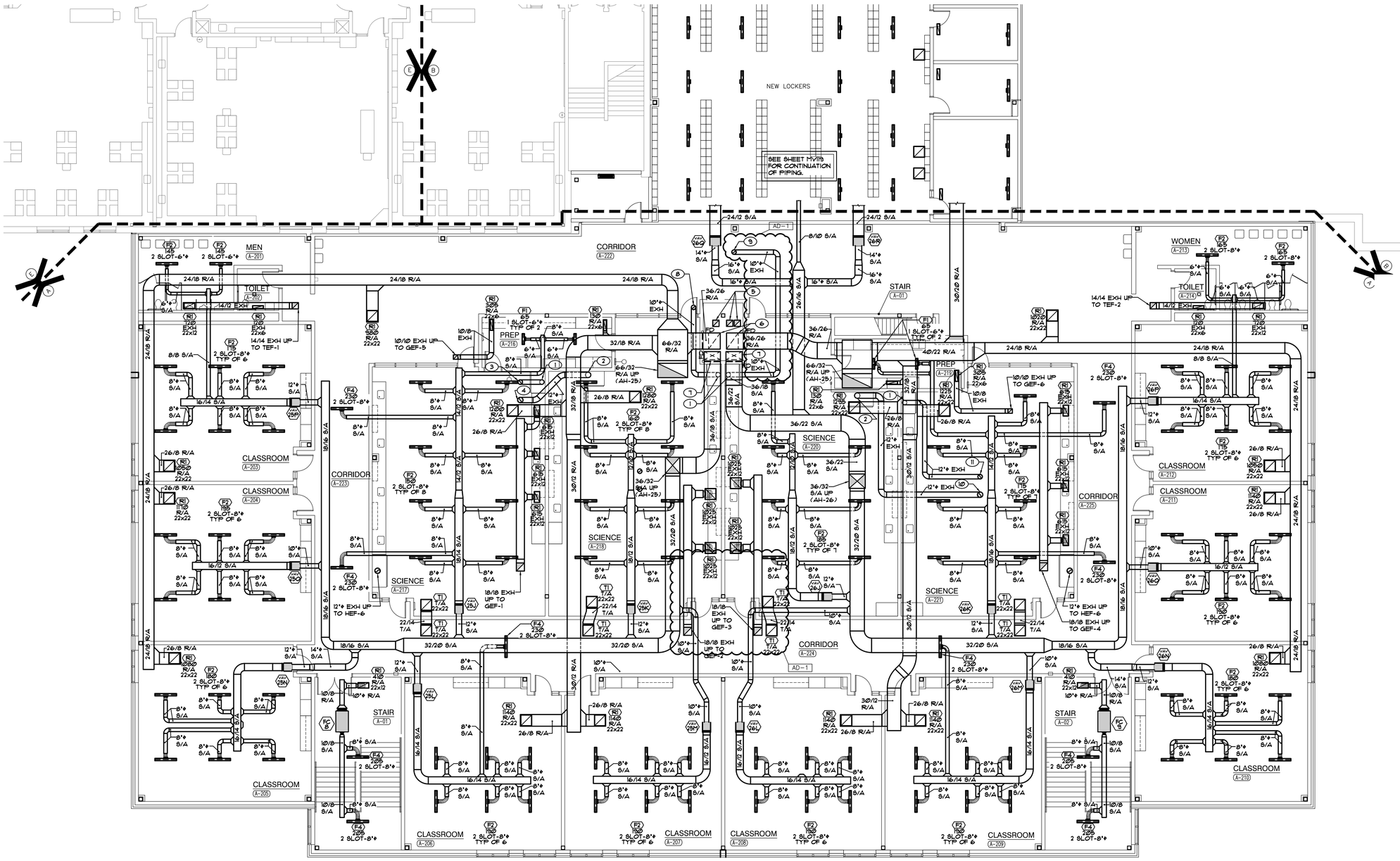
DRAWING
MECHANICAL VENTILATION FIRST FLOOR PLAN - UNIT M

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
M
MV112

SHEET NOTES

1. 10"ø EXH DN TO FUME HOOD.
2. 12"ø EXH DN TO FUME HOOD.
3. 10"ø EXH UP TO HEF-7.
4. 12"ø EXH UP TO HEF-2.
5. 14x14 EXH UP 4DN.
6. 36/26 R/A DN W/ FD.
7. 36/18 S/A DN W/ FD.
8. 10"ø EXH UP TO HEF-8.
9. 10"ø EXH UP TO HEF-9.
10. 12"ø EXH UP TO HEF-3.
11. 10"ø EXH UP TO HEF-10.



MECHANICAL VENTILATION SECOND FLOOR PLAN - UNIT "A"

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

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

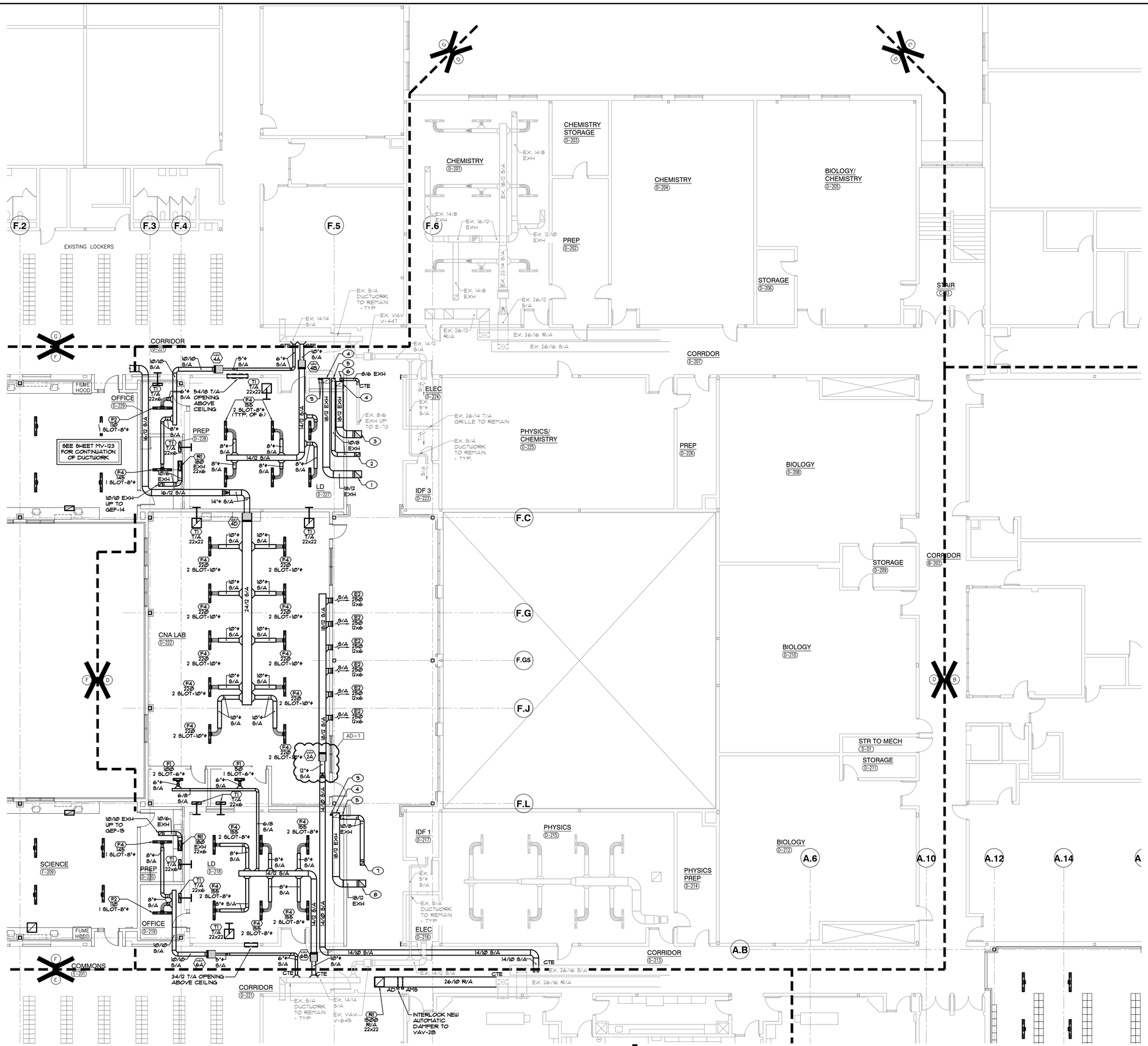
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL VENTILATION SECOND FLOOR PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
A MV118



SHEET NOTES

1. 18x18 EXH UP TO GEF-10.
2. 10X10 EXH UP TO TEF-6.
3. 18X18 EXH UP TO GEF-9.
4. 18x12 EXH DN.
5. 10x8 EXH DN.
6. 8x6 EXH DN.
7. 10X10 EXH UP TO TEF-7.
8. 18X18 EXH UP TO GEF-11.
9. 4" DRYER VENT UP THRU ROOF AND 4" DRYER VENT DN TO FRIST FLOOR

MECHANICAL VENTILATION SECOND FLOOR PLAN - UNIT "D"

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

NORTH

GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

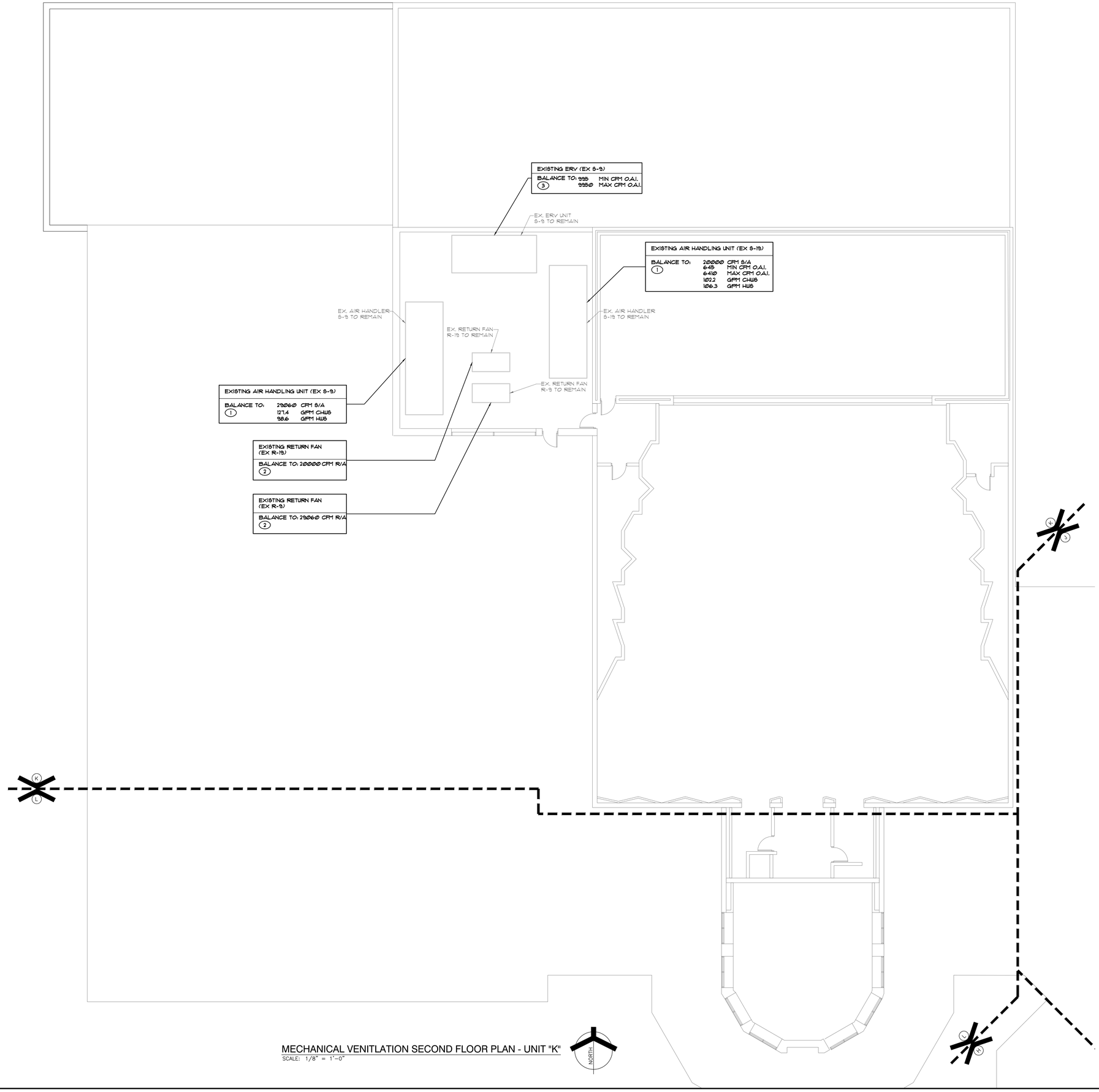
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL VENTILATION SECOND FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
D
MV121



SHEET NOTES

1. EXISTING AIR-HANDLING UNITS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING AIR-HANDLING UNIT BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE. TEST THE EXISTING CHILLED WATER AND/OR HOT WATER FLOW RATES AND PRESSURE DROPS FOR EACH COIL AND SUBMIT REPORT FOR REVIEW.
2. EXISTING RETURN FANS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING RETURN FAN BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE.
3. EXISTING ERV UNITS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING ERV UNIT BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE.

MECHANICAL VENITLATION SECOND FLOOR PLAN - UNIT "K"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

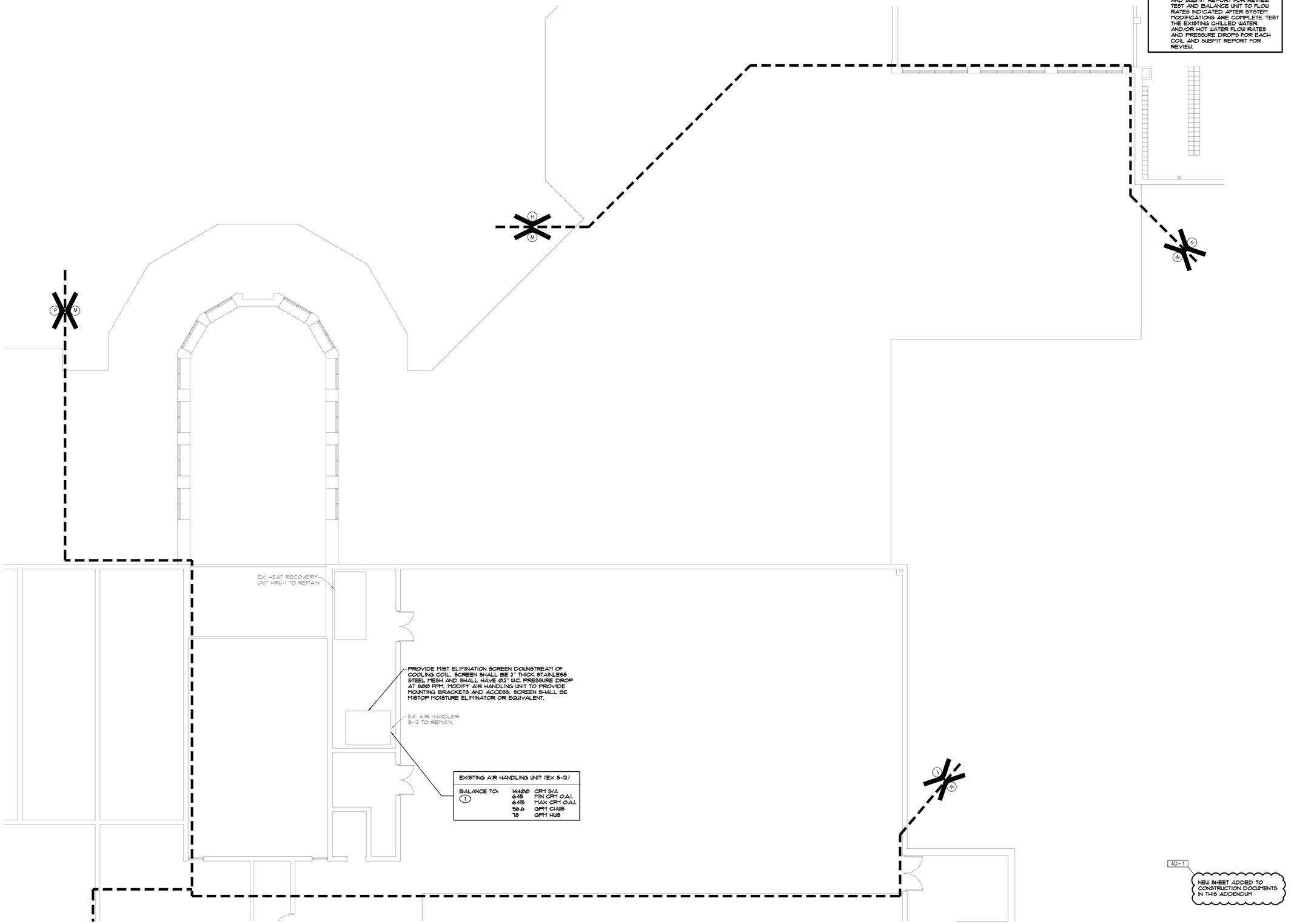
DRAWING
MECHANICAL VENTILATION SECOND FLOOR PLAN - UNIT K

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
K
MV127

SHEET NOTES

1. EXISTING AIR-HANDLING UNITS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING AIR-HANDLING UNIT BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE. TEST THE EXISTING CHILLED WATER AND/OR HOT WATER FLOW RATES AND PRESSURE DROPS FOR EACH COIL AND SUBMIT REPORT FOR REVIEW.



MECHANICAL VENITLATION SECOND FLOOR PLAN - UNIT "M"

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

NORTH

GIBRALTAR

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

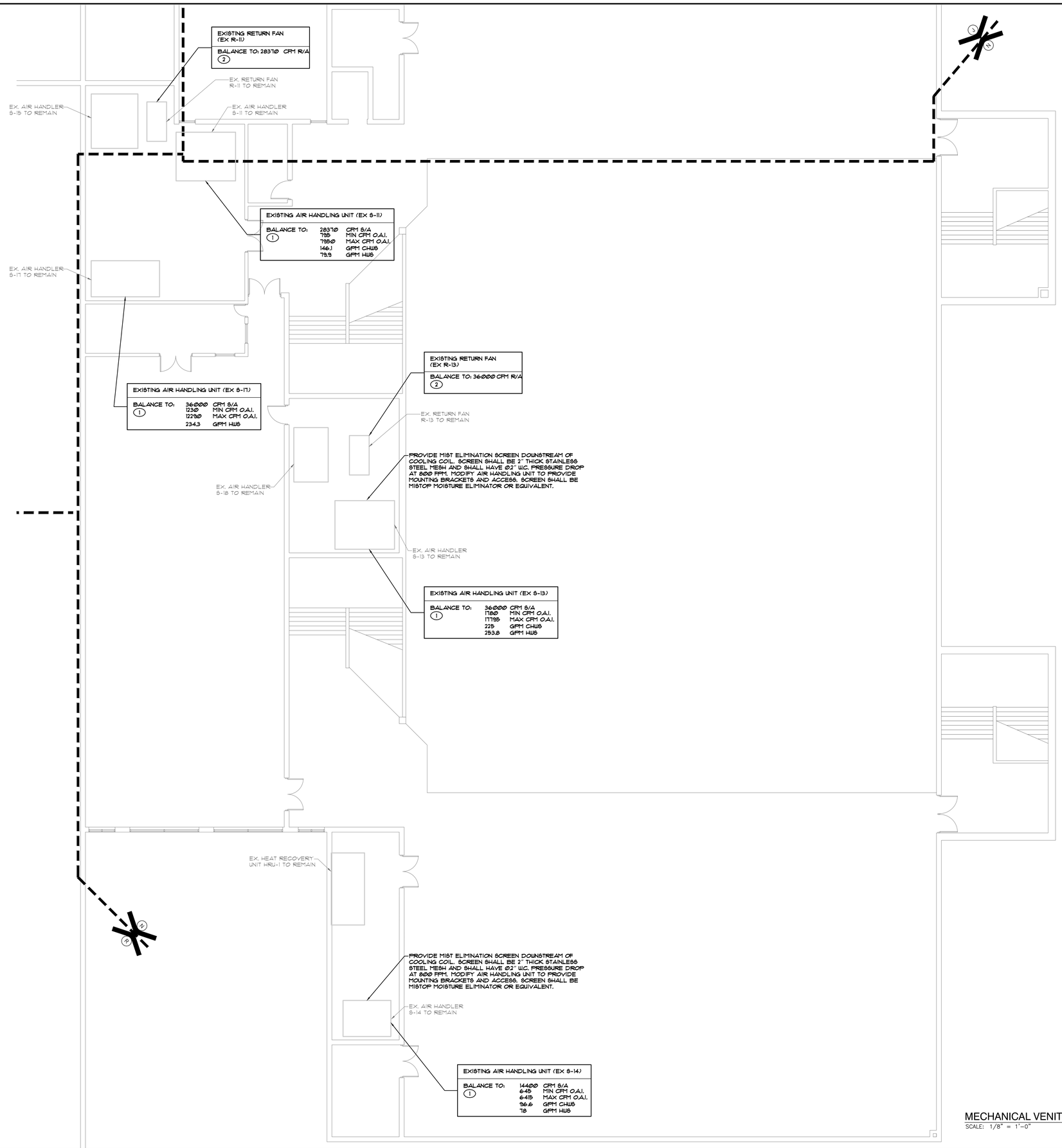
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL VENTILATION SECOND FLOOR PLAN - UNIT M

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

M

SHEET MV129



SHEET NOTES

1. EXISTING AIR-HANDLING UNITS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING AIR-HANDLING UNIT BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE. TEST THE EXISTING CHILLED WATER AND/OR HOT WATER FLOW RATES AND PRESSURE DROPS FOR EACH COIL AND SUBMIT REPORT FOR REVIEW.
2. EXISTING RETURN FANS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING RETURN FAN BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE.

AD-1
NEW SHEET ADDED TO CONSTRUCTION DOCUMENTS IN THIS ADDENDUM

MECHANICAL VENITLATION SECOND FLOOR PLAN - UNIT "N"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

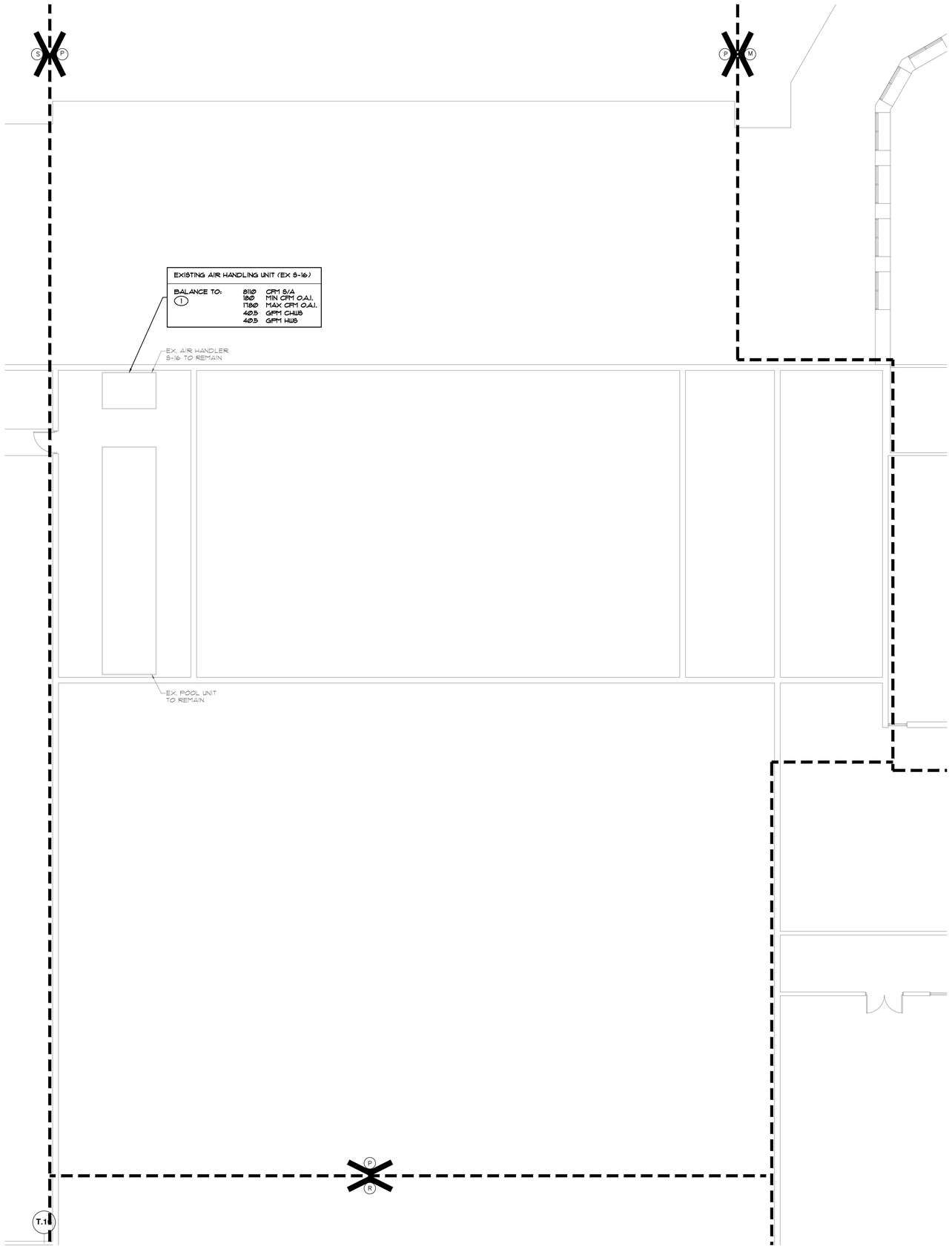
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL VENTILATION SECOND FLOOR PLAN - UNIT N

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

N

SHEET
MV130



SHEET NOTES

1. EXISTING AIR-HANDLING UNITS: TEST THE EXISTING AIRFLOW CAPACITIES AND STATIC PRESSURE CAPABILITIES FOR EXISTING AIR-HANDLING UNIT BEFORE ANY SYSTEM MODIFICATIONS ARE BEGUN AND SUBMIT REPORT FOR REVIEW. CLEAN, CHECK AND CALIBRATE EXISTING UNITS AND CONTROLS FOR PROPER OPERATION AND SUBMIT REPORT FOR REVIEW. TEST AND BALANCE UNIT TO FLOW RATES INDICATED AFTER SYSTEM MODIFICATIONS ARE COMPLETE. TEST THE EXISTING CHILLED WATER AND/OR HOT WATER FLOW RATES AND PRESSURE DROPS FOR EACH COIL AND SUBMIT REPORT FOR REVIEW.

AD-1

NEW SHEET ADDED TO CONSTRUCTION DOCUMENTS IN THIS ADDENDUM

MECHANICAL VENITLATION SECOND FLOOR PLAN - UNIT "P"

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
MECHANICAL VENTILATION SECOND FLOOR PLAN - UNIT P

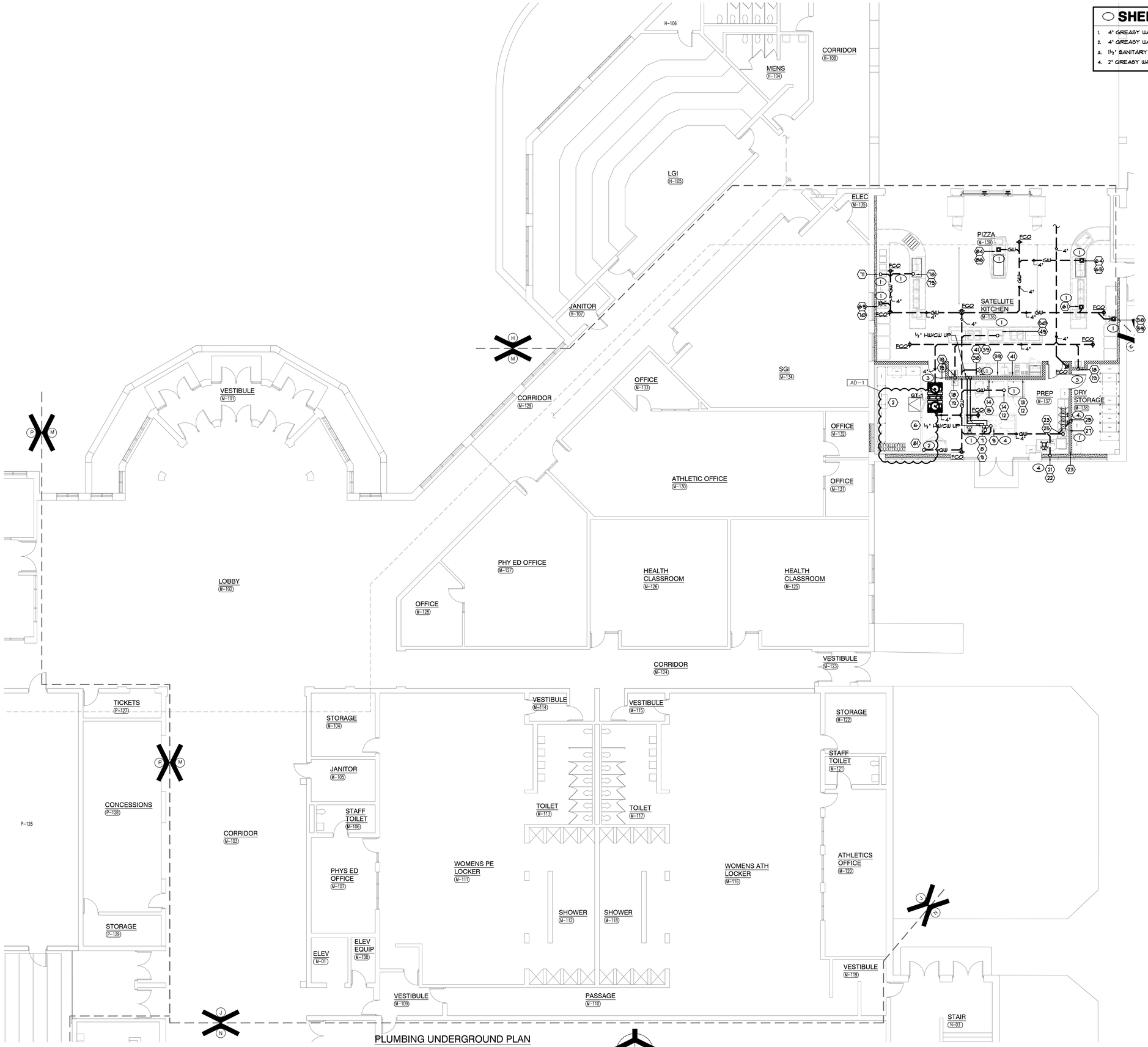
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

P

SHEET MV131

SHEET NOTES

1. 4" GREASY WASTE UP TO FLOOR SINK
2. 4" GREASY WASTE UP TO FLOOR DRAIN
3. 1½" SANITARY UP TO HAND SINK
4. 2" GREASY WASTE UP TO KITCHEN EQUIPMENT



PLUMBING UNDERGROUND PLAN - UNIT "M"

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

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

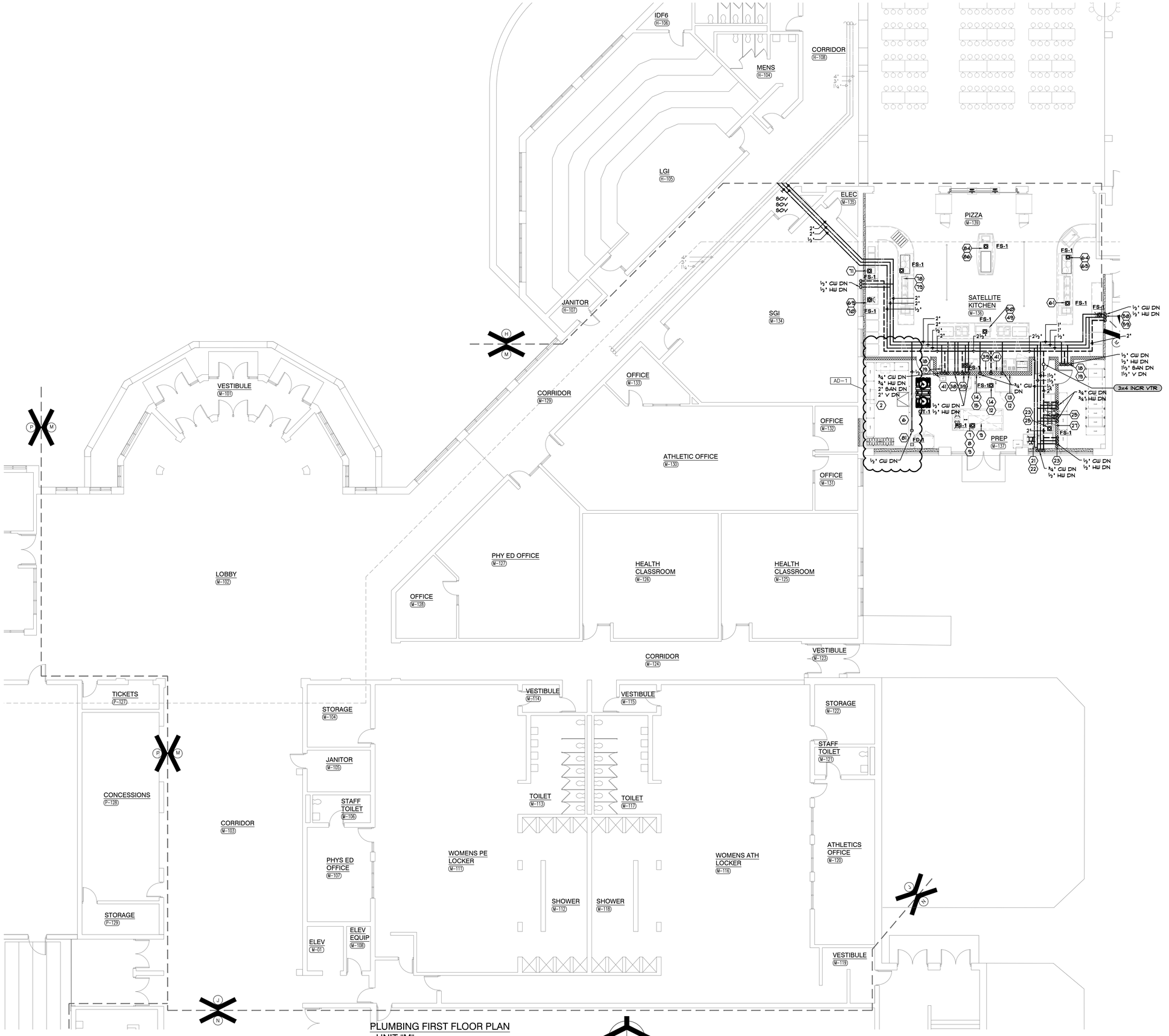
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
PLUMBING UNDERGROUND PLAN - UNIT M

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET M P-112



PLUMBING FIRST FLOOR PLAN
- UNIT "M"

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

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

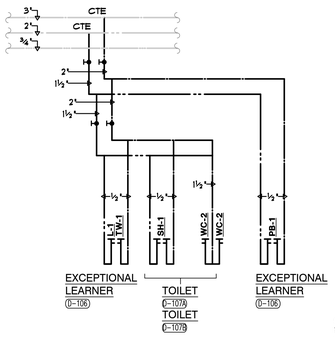
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

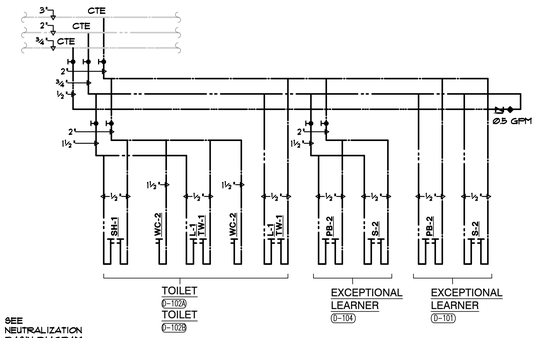
DRAWING
PLUMBING FIRST FLOOR PLAN - UNIT M

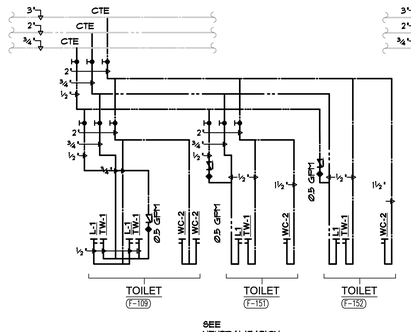
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

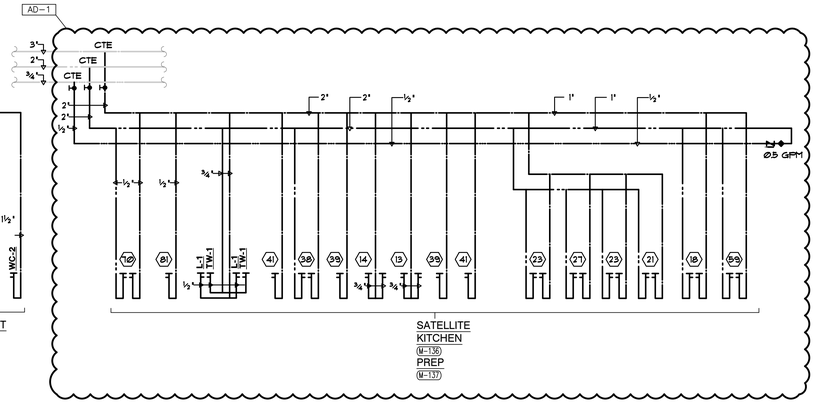
SHEET
M
P-212

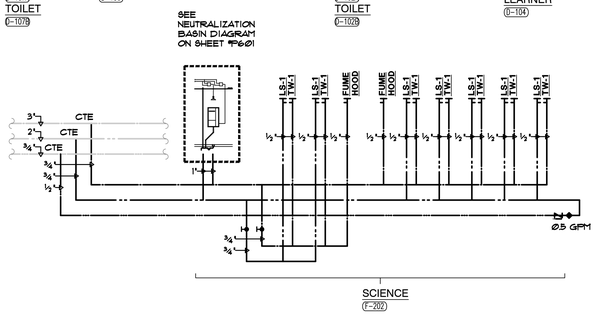
RISER DIAGRAMS

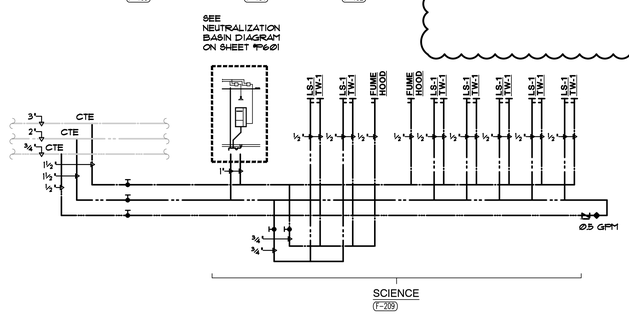


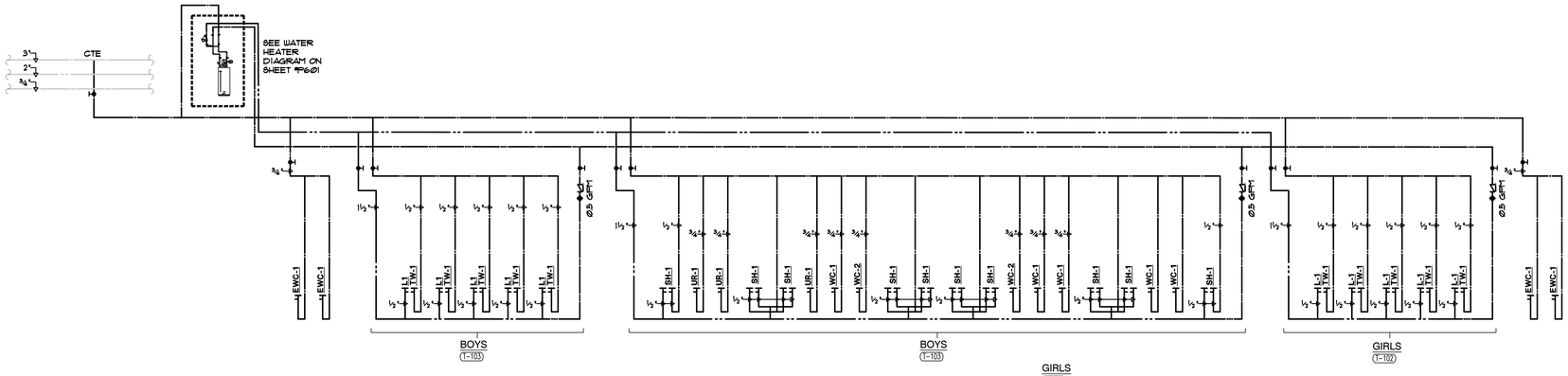


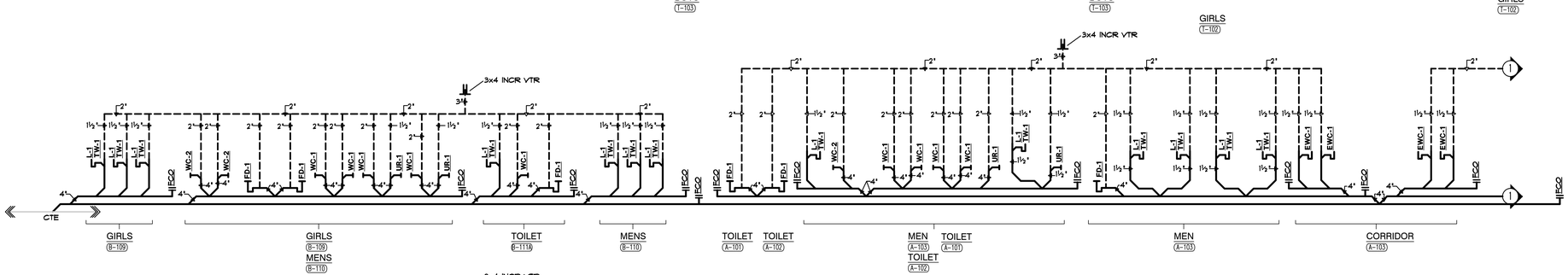


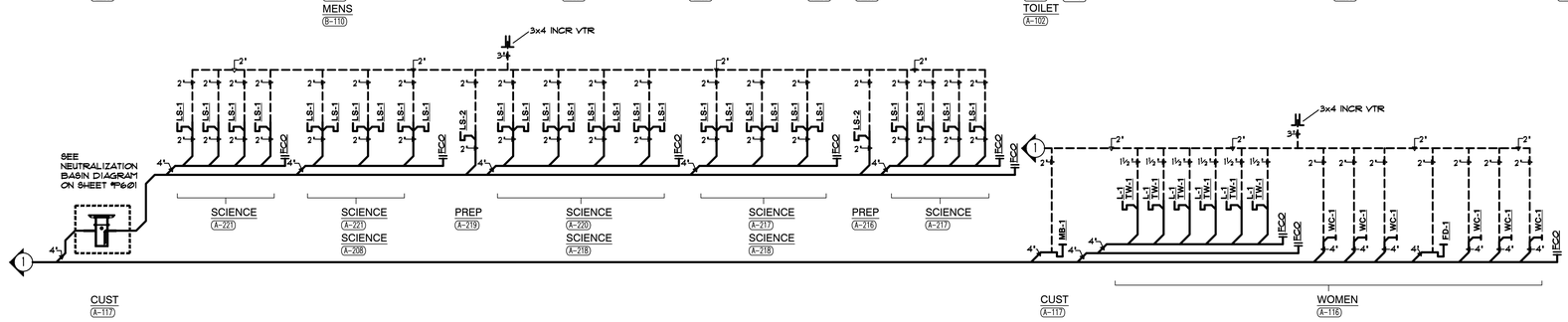












GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
PLUMBING DIAGRAMS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
P-602

SYMBOL LIST

COMMUNICATIONS

- RECESSED SPEAKER PAGING HORN. MOUNTED AT 10'-0" WITHIN RECESSED BACK BOX. COORDINATE MOUNTING HEIGHT WITH THE ARCHITECTURAL ELEVATIONS - EXTEND ¾" CONDUIT WITH INSULATED BUSHING TO ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- EXTERIOR RECESS MOUNTED WEATHERPROOF SPEAKER HORN - EXTEND 3/4" CONDUIT WITH INSULATED BUSHING TO ACCESSIBLE CEILING SPACE. SPECIAL COLOR AS SELECTED BY ARCHITECT. EXTEND SPEAKER CABLING BACK TO INTERCOM SYSTEM, COMPLETE AS REQUIRED. PROVIDE ON SEPARATE ZONE. MOUNTED AT 12'-0" A.F.F. SEE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- EXTERIOR SURFACE MOUNTED WEATHERPROOF SPEAKER HORN - EXTEND 3/4"C. WITH INSULATED BUSHING TO ACCESSIBLE CEILING SPACE. - SEE SPECS. - SPECIAL COLOR AS SELECTED BY ARCHITECT. EXTEND SPEAKER CABLING BACK TO INTERCOM SYSTEM, COMPLETE AS REQUIRED. (SEPARATE ZONE) (ATLASSOUND *AFF-15T)
- INTERCOM PRIVACY CALL-IN SWITCH - MOUNTED 42" A.F.F. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH ¾" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- EXTERIOR INTERCOM CALL BUTTON AND SPEAKER MOUNTED UNDER A COMMON STAINLESS STEEL COVER PLATE. INTERFACE TO THE BUILDING INTERCOM SYSTEM AND REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION. MOUNT INTERCOM AT 42" A.F.F. AND ROUTE ¾"C. TO THE ACCESSIBLE CEILING SPACE.
- ADMINISTRATIVE CONTROL CONSULE FOR INTERCOM HANDSET. PROVIDE CONSULE JACK MOUNTED IN A 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH ¾"C. ROUTED TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- INTERCOM SYSTEM BUZZER
- AIPHONE EXTERIOR DOOR INTERCOM SYSTEM, MOUNTED 48" A.F.F. PROVIDE BACK BOX WITH ¾" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.
- AIPHONE INTERIOR DOOR INTERCOM SYSTEM, MOUNTED ON OWNER'S DESK. PROVIDE BACK BOX AT 42" A.F.F. WITH ¾" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.
- AIPHONE DOOR INTERCOM POWER SUPPLY. CONNECT TO NEAREST LOCAL RECEPTACLE.
- WIRELESS MICROPHONE ANTENNA MOUNTED AT 10'-0" A.F.F. ROUTE ¾"C. CONDUIT TO THE RESPECTIVE SOUND SYSTEM CABINET. VERIFY INSTALLATION IN FIELD AND WITH SPECIFICATIONS.
- SOUND SYSTEMS VOLUME CONTROL - MOUNTED 42" A.F.F. PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH ¾"C. ROUTED TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- RECESSED HIGH/LOW FULL RANGE SPEAKERS. PROPERLY SUPPORT SPEAKER TO STRUCTURE ABOVE. EXTEND ¾" CONDUIT TO THE SOUND SYSTEM CABINET. REFER TO SPECIFICATION FOR ADDITIONAL INFORMATION.
- HIGH/LOW FULL RANGE SPEAKERS MOUNTED EVEN WITH BOTTOM CORD OF JOISTS (UTILIZE UNISTRUT CROSS SUPPORTS BETWEEN JOISTS AND CHAIN SUSPEND AS REQUIRED) - ROUTE ¾" CONDUIT TO THE SOUND SYSTEM CABINET. REFER TO THE SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- SURFACE MOUNTED LOUD SPEAKERS MOUNTED ABOVE BOTTOM OF JOIST AS REQUIRED. PROVIDE BACK BOX WITH ¾" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- SCOREBOARD JUNCTION BOX MOUNTED 18' AF OR AS NOTED
- SCORERS TABLE OUTLET MOUNTED 18' A.F.F. OR FLUSH IN FLOOR, AS INDICATED
- FLUSH IN FLOOR JUNCTION BOX FOR SCORER'S TABLE
- DOOR CONTACT - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- 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
- SPEAKER - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- LED CLOCK - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- ANALOG CLOCK - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION
- TV - 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.
- VIDEO PROJECTOR - 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.
- MIC INPUT - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- CAMERA - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- 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.
- WIRELESS ACCESS POINT - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.
- SOUND CABINET - ROUGH-IN ONLY - REFER TO TECHNOLOGY DRAWINGS FOR CONDUIT, WIRING AND ROUGH-IN INFORMATION.

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
- TRANSFORMER - SIZE AND TYPE AS REQUIRED
- SPD 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)
- D 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 DOOR OPERATOR.
- DO SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS, WIRED BY CONTRACTOR. COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER.
- H AMERICAN HAND DRYER MODEL EXTREME AIR *GXT9-M-ADA-W, REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING LOCATION.
- CUT AND PATCH EXISTING WALL AS REQUIRED TO INSTALL NEW DEVICE AND RACEWAY. REPAIR SURFACES TO MATCH EXISTING FINISH.
- ALL DEVICES INDICATED WITH BOX BASE TO BE SURFACE MOUNTED TO THE EXISTING WALL ON WIREMOLD *V2000 OR EQUAL IF SINGLE SERVICE, OR WIREMOLD *4000 IF DUAL SERVICES

SHEET SYMBOLS

- HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE
- ELLIPSE TAG REFERENCE TO SHEET NOTES
- SQUARE TAG REFERENCE
- 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 NI 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.
- F#I 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 PLUSH 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.

LIGHTING

- EMERGENCY BATTERY LIGHT MOUNTED 7'-6" AF (OR AS NOTED)
- REMOTE EMERGENCY BATTERY LIGHT MOUNTED 7'-6" AF (OR AS NOTED)
- FIXTURE ON EMERGENCY CIRCUIT (EM/NL) WITH 90 MINUTE, FULL LUMEN OUTPUT BATTERY UNIT OR INVERTER. BODINE *B90 (FLUORESCENT), BODINE FACTORY INSTALLED DRIVER (LED) OR MYERS *LV SERIES INVERTER (FLUORESCENT OR LED). REMOTE MOUNT IN ACCESSIBLE CEILINGS WHERE INTERNAL INSTALLATION IS NOT POSSIBLE (PROVIDE TEST SWITCH # ALL NECESSARY APPURTENANCES).

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
- FIRE ALARM ANNUNCIATOR PANEL
- KNOX BOX - PER THE LOCAL FIRE DISTRICT STANDARDS, AT THE LOCATION INDICATED. PROVIDE BOTH POWER AND SMOKE EVACUATION KEY CONTROLS. VERIFY ELEVATION OF DEVICE WITH THE LOCAL FIRE DISTRICT PRIOR TO INSTALLING SAME. WHERE REQUIRED, FURNISH AND INSTALL A FLASHING ANNUNCIATOR, TIED TO THE FIRE ALARM SYSTEM, TO IDENTIFY LOCATION OF THE KNOX BOX.
- 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" A.F. 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.
- D FIRE ALARM SYSTEM HEAT DETECTOR - COMBINATION TYPE (RATE OF RISE - 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
- SD AUX FIRE ALARM SYSTEM SMOKE DETECTOR WITH AUXILIARY CONTACTS FOR CONNECTION TO ELEVATOR CONTROL PANEL
- 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.
- WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED. COORDINATE EXACT LOCATION AND MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME.
- DR CONNECT DOOR RELEASE MECHANISM (FURNISHED AS PART OF DOOR HARDWARE) COMPLETE AS REQUIRED PER MANUFACTURER'S RECOMMENDATIONS SUCH THAT THE DOOR'S UNLOCK UPON ACTIVATION OF THE FIRE ALARM SYSTEM.
- RA 'CORNELL' AUDIO/VISUAL RESCUE ASSISTANCE COMMUNICATIONS TO FIREFIGHTER'S POSITION. SEE RESCUE ASSISTANCE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- RAP 'CORNELL' RESCUE ASSISTANCE ANNUNCIATOR POSITION. SEE RESCUE ASSISTANCE RISER DIAGRAM FOR ADDITIONAL INFORMATION.
- 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" AFF.

SECURITY

- CA CARD ACCESS CONTROLLER - PROVIDE BACK BOX MOUNTED 42" A.F.F. WITH ¾"C. ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- L 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.
- EL ELECTRIC DOOR STRIKE FOR EMERGENCY LOCK DOWN - 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.
- ML MAGNETIC LOCK FOR EMERGENCY LOCK DOWN - 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.
- DC SECURITY SYSTEM DOOR CONTACT - ROUGH-IN ONLY - ROUTE ¾"C FROM THE ACCESSIBLE CEILING SPACE AND STUB INTO THE DOOR MULLION.
- KP SECURITY SYSTEM KEY PAD - ROUGH-IN ONLY - PROVIDE 2-GANG BACK BOX MOUNTED AT 54" A.F.F. WITH 1"C. ROUTED TO THE ACCESSIBLE CEILING SPACE.
- DOOR RELEASE BUZZER
- FLUSH IN FLOOR DOOR RELEASE BUZZER
- MAGLOCK (MAGNETIC DOOR LOCK)
- M SECURITY MOTION SENSOR, EXTEND ¾"C. TO ACCESSIBLE CEILING. VERIFY JUNCTION BOX MOUNTING HEIGHT WITH OWNER'S SECURITY VENDOR PRIOR TO ROUGH-IN, COMPLETE AS REQUIRED.
- SURVEILLANCE CAMERA - (ACT) *E64) INTERIOR CEILING MOUNTED DOME CAMERA - PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH ¾"C. ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- EXTERIOR 180 DEGREE SURVEILLANCE CAMERA - PROVIDE EXTERIOR CAMERA WITH WALL MOUNT BRACKET, HEATER AND DOME - MOUNTED 12'-0" A.F.F. VERIFY HEIGHT IN FIELD. PROVIDE 2-GANG BACK BOX WITH ISOLATION PARTITION TO PROVIDE LOW VOLTAGE AND 120V IN SAME BACK BOX. COORDINATE EXACT BACK BOX CONFIGURATION WITH CAMERA MOUNT TO ENSURE BACK BOX IS LOCATED CONCEALED BEHIND ARM MOUNTING PLATE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- SURVEILLANCE CAMERA - (ACT) *E68) INTERIOR CEILING MOUNTED DOME CAMERA - PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH ¾"C. ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.
- SURVEILLANCE CAMERA - (ACT) *E68) INTERIOR WALL MOUNTED DOME CAMERA - PROVIDE 2-GANG BACK BOX WITH SINGLE GANG MUD RING WITH ¾"C. ROUTED TO THE ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

SWITCHING

- $ FURNISH AND INSTALL TWO BUTTON ON/OFF SWITCH MTD 42" AFF; SENSORSWITCH *SPODM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED FOR CONTROL OF FIXTURES.
- $3 FURNISH AND INSTALL TWO BUTTON ON/OFF 3-WAY SWITCH MTD 42" AFF; SENSORSWITCH *SPODM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED FOR CONTROL OF FIXTURES.
- $4 FURNISH AND INSTALL TWO BUTTON ON/OFF 4-WAY SWITCH MTD 42" AFF; SENSORSWITCH *SPODM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED FOR CONTROL OF FIXTURES.
- $M 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 COOPER OR HUBBELL CONTROLS.
- WALL MOUNTED 0-10V DIMMER SWITCH MTD 42" AFF; SENSORSWITCH, COOPER OR HUBBELL CONTROLS. VERIFY SUITABILITY OF DIMMER WITH FIXTURE MANUFACTURER PRIOR TO ORDERING.
- DMX DMX CONTROL STATION MTD 42" AFF; VERIFY SUITABILITY OF CONTROLLER WITH FIXTURE MANUFACTURER PRIOR TO ORDERING. PROVIDE ALL PROGRAMMING AND WIRING FOR COMPLETE INSTALLATION.
- OS FURNISH AND INSTALL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH POWER PACK. MANUFACTURERS: SENSORSWITCH *CM-PDT-10-MP-20 (WITH MICROPHONICS) OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED.
- OS 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.
- WG OS H FURNISH AND INSTALL CEILING MOUNTED PIR HIGH BAY OCCUPANCY SENSOR WITH POWER PACK AND WIREGUARD PROTECTION. 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
- 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.
- $M MASTER CORRIDOR LIGHT SWITCH (TYPICAL - MTD AT 42" AFF) REFER TO DETAIL FOR ADDITIONAL INFORMATION.
- GG GYMNASIUM LIGHTING CONTROL SWITCH (TYPICAL - MTD AT 42" AFF) REFER TO DETAIL FOR ADDITIONAL INFORMATION.
- $K KEY OPERATED TOGGLE TYPE SWITCH
- $DS DOOR OPERATED 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

RECEPTACLES

- 120V-20A SPECIFICATION GRADE SIMPLEX RECEPTACLE - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL *5251 OR EQUAL)
- 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).
- WALKER RFB4 SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX RECEPTACLES AND TWO (2) DATA JACKS. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH. STUB 1¼" CONDUITS FROM THE LOW VOLTAGE SECTION OF THE OF THE BOX TO THE ACCESSIBLE CEILING SPACE. PROVIDE SCRUB-RESISTANT COVER AND COORDINATE FINISH WITH ARCHITECT.
- TEACHER PANEL WITH TWO (2) DUPLEX RECEPTACLES AND SEPARATE BACK BOX WITH LOW VOLTAGE JACKS AND COVER PLATE. SEE SPECIFICATIONS AND TEACHER STATION AND PROJECTOR DETAIL FOR ADDITIONAL INFORMATION.
- FLUSH IN WALL PROJECTOR INPUT PANEL WITH GROUNDED DUPLEX RECEPTACLE MOUNTED IN A 2-GANG BACK BOX WITH SINGLE GANG MUD RING. PROVIDE SEPARATE 2-GANG BACK BOX WITH 1¼"C. TO THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING FOR FUTURE LOW VOLTAGE CONNECTIVITY.
- FLUSH IN WALL "TV" PANEL CONSISTING WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH DATA JACK AND CABLING BACK TO IDF/MDF AS INDICATED IN THE DATA JACK SYMBOL. STUB 1" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT DEVICE AT 7'-0" A.F.F. AND COORDINATE MOUNTING HEIGHT WITH THE ARCHITECTURAL ELEVATIONS.
- WALL MOUNTED PROJECTOR LOCATION WITH ONE (1) DUPLEX RECEPTACLE AND SEPARATE BACK BOX WITH LOW VOLTAGE JACKS AND COVERPLATE. SUPPORT BOXES FROM STRUCTURE WITH UNISTRUT AS REQUIRED. SEE SPECIFICATIONS AND TEACHER STATION AND PROJECTOR DETAIL FOR ADDITIONAL INFORMATION.
- CEILING MOUNTED PROJECTOR LOCATION WITH ONE (1) DUPLEX RECEPTACLE AND SEPARATE BACK BOX WITH LOW VOLTAGE JACKS AND COVERPLATE. SUPPORT BOXES FROM STRUCTURE WITH UNISTRUT AS REQUIRED. SEE SPECIFICATIONS AND TEACHER STATION AND PROJECTOR DETAILS FOR ADDITIONAL INFORMATION.
- 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.
- T 120V-20A SPECIFICATION GRADE GROUNDED TAMPER RESISTANT DUPLEX RECEPTACLE WITH G.F.I. PROTECTION - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL *GFTR20 OR EQUAL)

AD-1

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

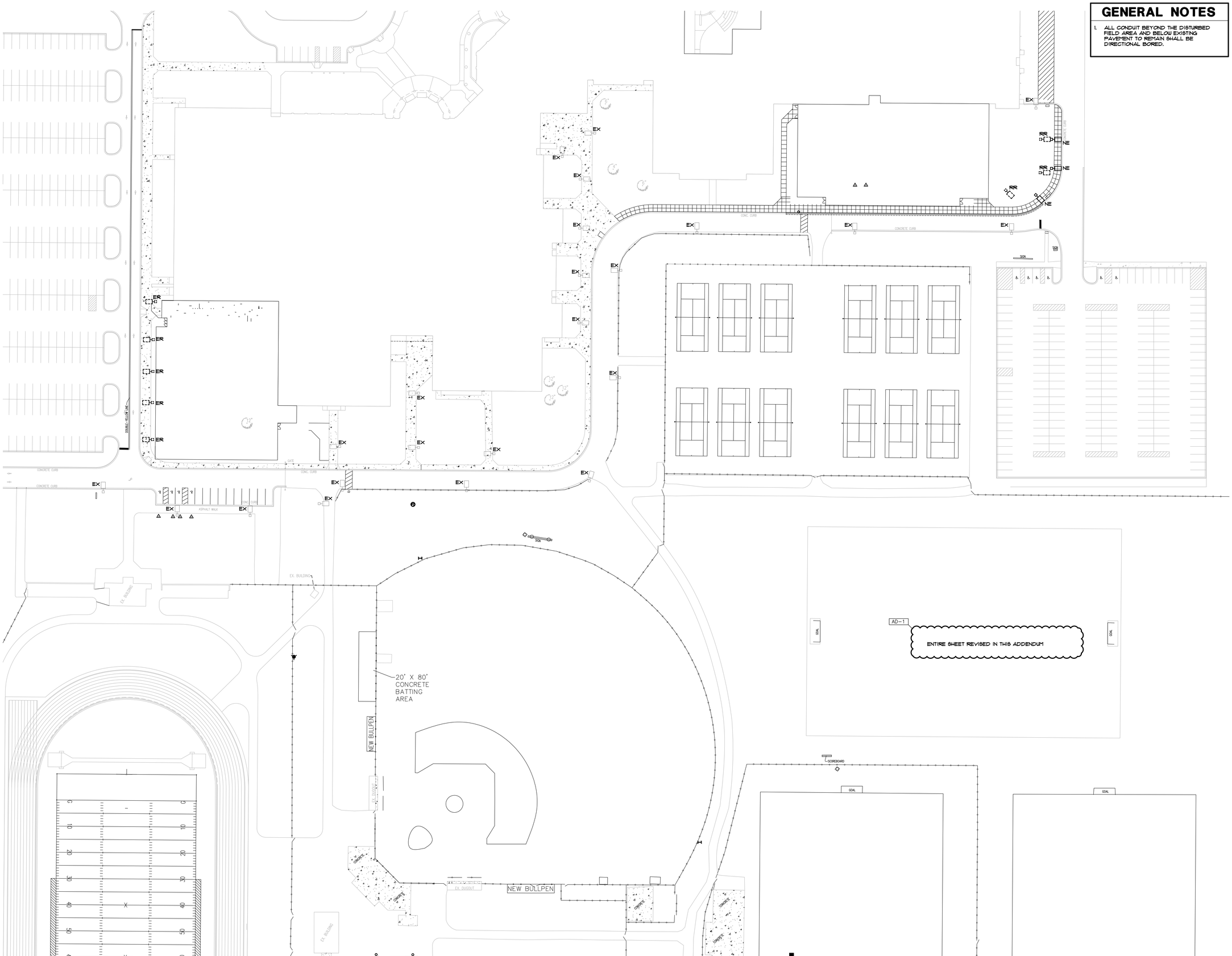
DRAWING
ELECTRICAL SYMBOLS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
E-001

GENERAL NOTES

1. ALL CONDUIT BEYOND THE DISTURBED FIELD AREA AND BELOW EXISTING PAVEMENT TO REMAIN SHALL BE DIRECTIONAL BORED.



SITE PLAN - ELECTRICAL
SCALE: 1" = 40'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

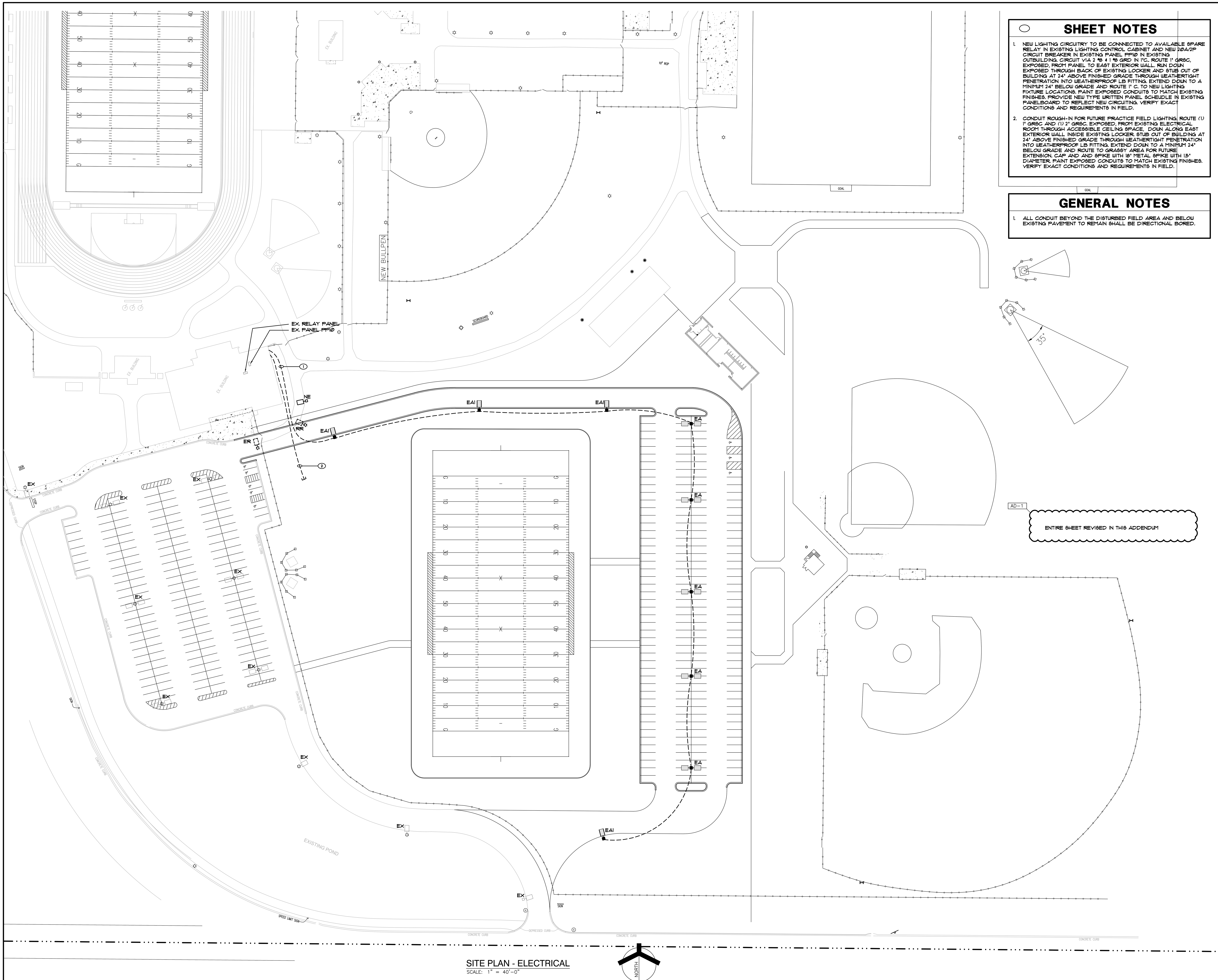
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL SITE PLAN

PROJECT
CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATIONS

SHEET
E-002



SHEET NOTES

1. NEW LIGHITNG CIRCUITRY TO BE CONNNECTED TO AVAILABLE SPARE RELAY IN EXISTING LIGHTING CONTROL CABINET AND NEW 20A/2P CIRCUIT BREAKER IN EXISTING PANEL PP10 IN EXISTING OUTBUILDING. CIRCUIT VIA 2 #8 & 1 #8 GRD IN 1"C.. ROUTE 1" GRSC, EXPOSED, FROM PANEL TO EAST EXTERIOR WALL. RUN DOWN EXPOSED THROUGH BACK OF EXISTING LOCKER AND STUB OUT OF BUILDING AT 24" ABOVE FINISHED GRADE THROUGH WEATHERTIGHT PENETRATION INTO WEATHERPROOF LB FITTING. EXTEND DOWN TO A MINIMUM 24" BELOW GRADE AND ROUTE 1" C. TO NEW LIGHTING FIXTURE LOCATIONS. PAINT EXPOSED CONDUITS TO MATCH EXISTING FINISHES. PROVIDE NEW TYPE WRITTEN PANEL SCHEUDLE IN EXISTING PANELBOARD TO REFLECT NEW CIRCUITING. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
2. CONDUIT ROUGH-IN FOR FUTURE PRACTICE FIELD LIGHTING. ROUTE (1) 1" GRSC AND (1) 2" GRSC. EXPOSED, FROM EXISTING ELECTRICAL ROOM THROUGH ACCESSIBLE CEILING SPACE, DOWN ALONG EAST EXTERIOR WALL INSIDE EXISTING LOCKER. STUB OUT OF BUILDING AT 24" ABOVE FINISHED GRADE THROUGH WEATHERTIGHT PENETRATION INTO WEATHERPROOF LB FITTING. EXTEND DOWN TO A MINIMUM 24" BELOW GRADE AND ROUTE TO GRASSY AREA FOR FUTURE EXTENSION. CAP AND AND SPIKE WITH 18" METAL SPIKE WITH 1.5" DIAMETER. PAINT EXPOSED CONDUITS TO MATCH EXISTING FINISHES. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

GENERAL NOTES

1. ALL CONDUIT BEYOND THE DISTURBED FIELD AREA AND BELOW EXISTING PAVEMENT TO REMAIN SHALL BE DIRECTIONAL BORED.

SITE PLAN - ELECTRICAL

SCALE: 1" = 40'-0"

GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL SITE PLAN

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
E-003

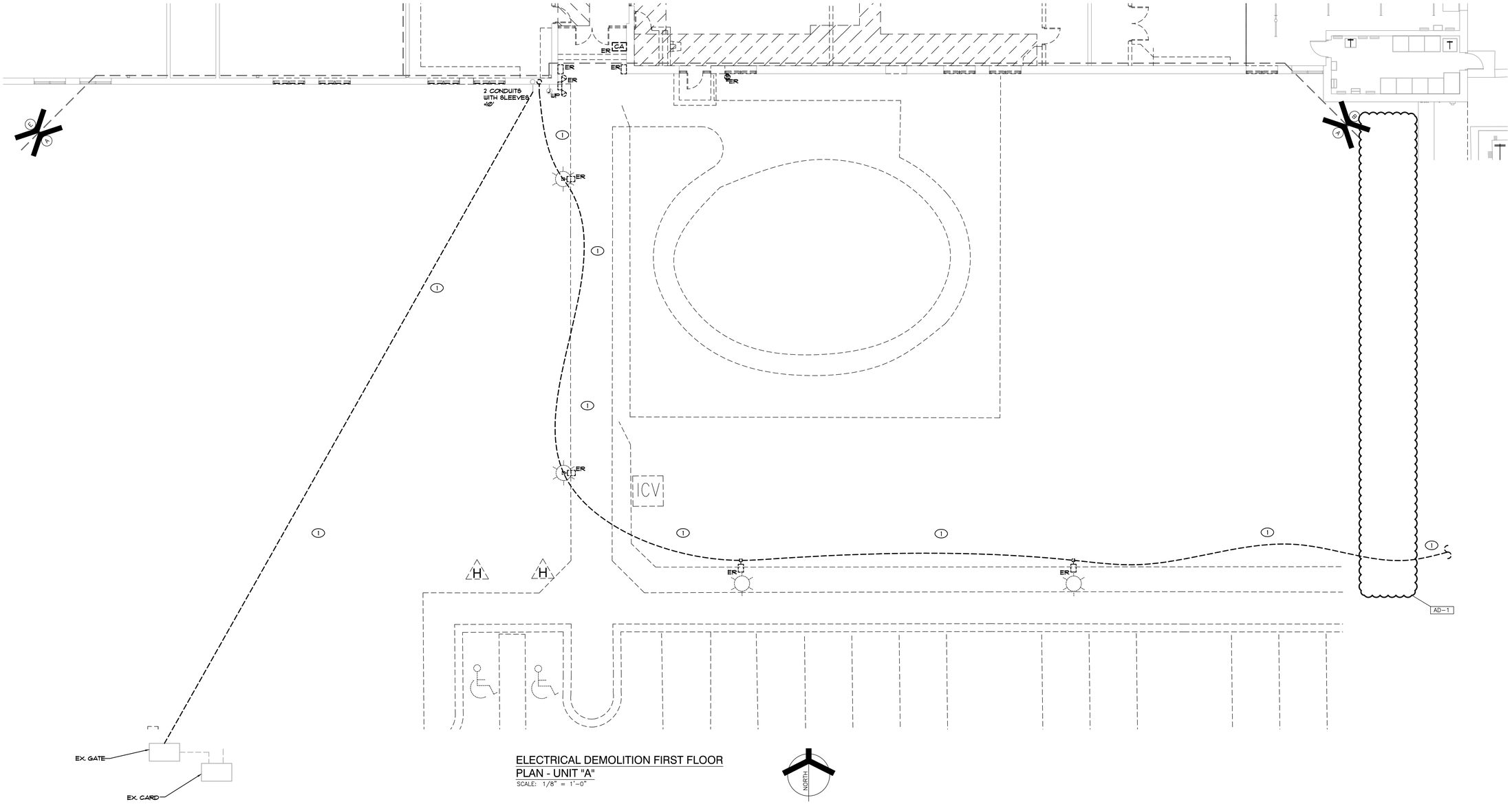
GENERAL NOTES

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.

AD-1

SHEET NOTES

1. EXISTING SITE CONDUITS IN FOOTPRINT OF BUILDING ADDITION TO BE REROUTED THROUGH NEW BUILDING ADDITIONS AND OVERHEAD. INTERCEPT EXISTING PENETRATION THROUGH EXISTING WALL AND EXIST CARD ACCESS REQUIRED, VERIFY EXACT CONDITIONS & REQUIREMENTS IN FIELD.



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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
A
ED101

AD-1

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.

DIAGNOSTIC OFFICE D102M
ITINERANT OFFICE D102L
CORRIDOR
PRINCIPAL D102K
GUIDANCE D102J
GUIDANCE D102H
GUIDANCE D102G
GUIDANCE D102F
TOILET
SOCIAL WORK D102Q
CORRIDOR
PASSAGE
EX. PANEL LC12, 120/208V, 2Ø, 3Ø, 4W, 2 SPARES, TO BE REMOVED AND RELOCATED
FILES D102R
EQUIP C0102A
ELEVATOR E2
OFFICE D102E
OFFICE D102D
OFFICE D102C
WORK ROOM D102S
CLOSET
GUIDANCE D102B
RESOURCE D102
CONFERENCE D102A
COURTYARD
EX. WALL PACK TO BE DEMOLISHED (TYP.)
WEST

ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT "F"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT F

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

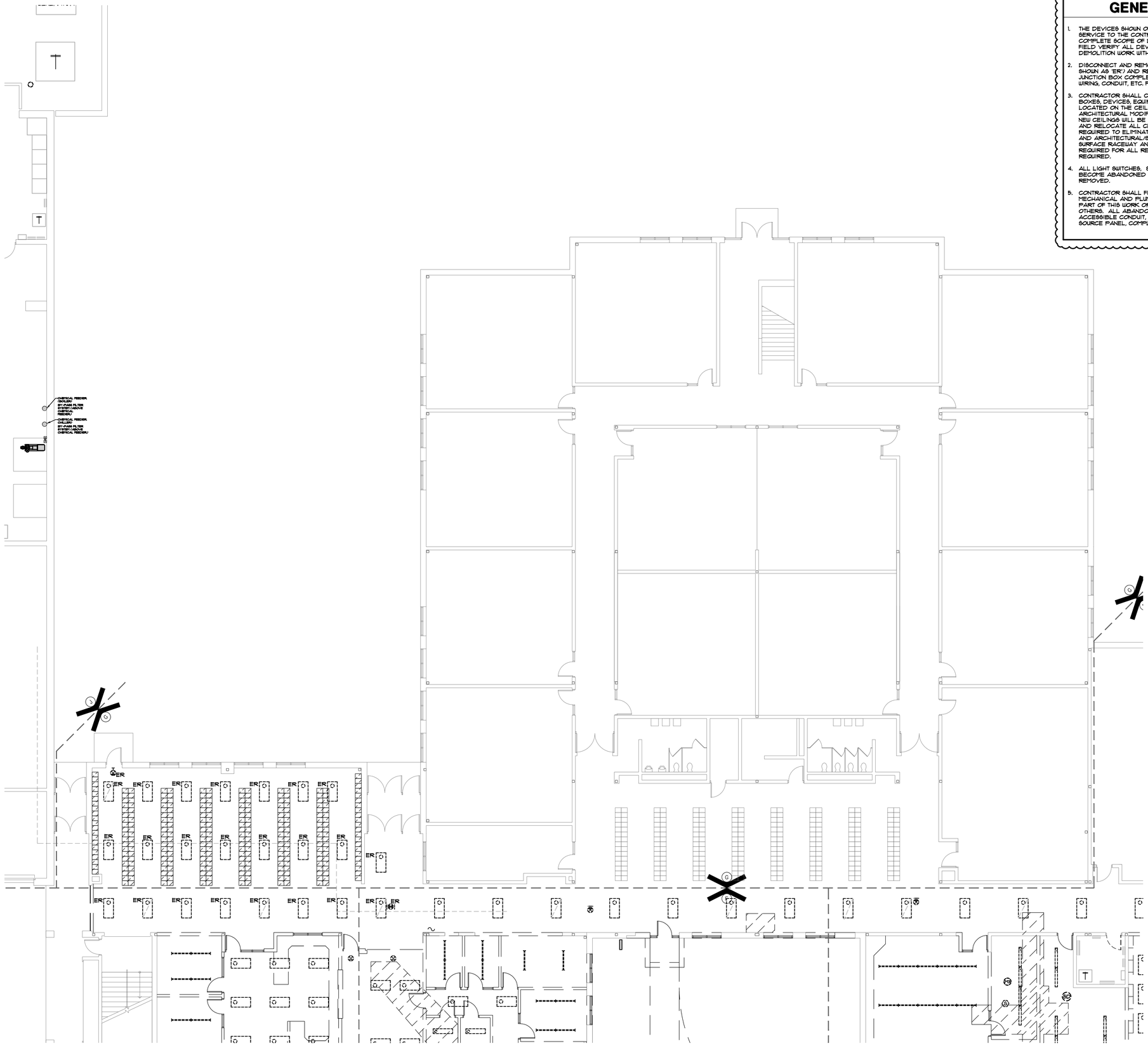
F

SHEET ED106

AD-1

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.



ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT "G"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

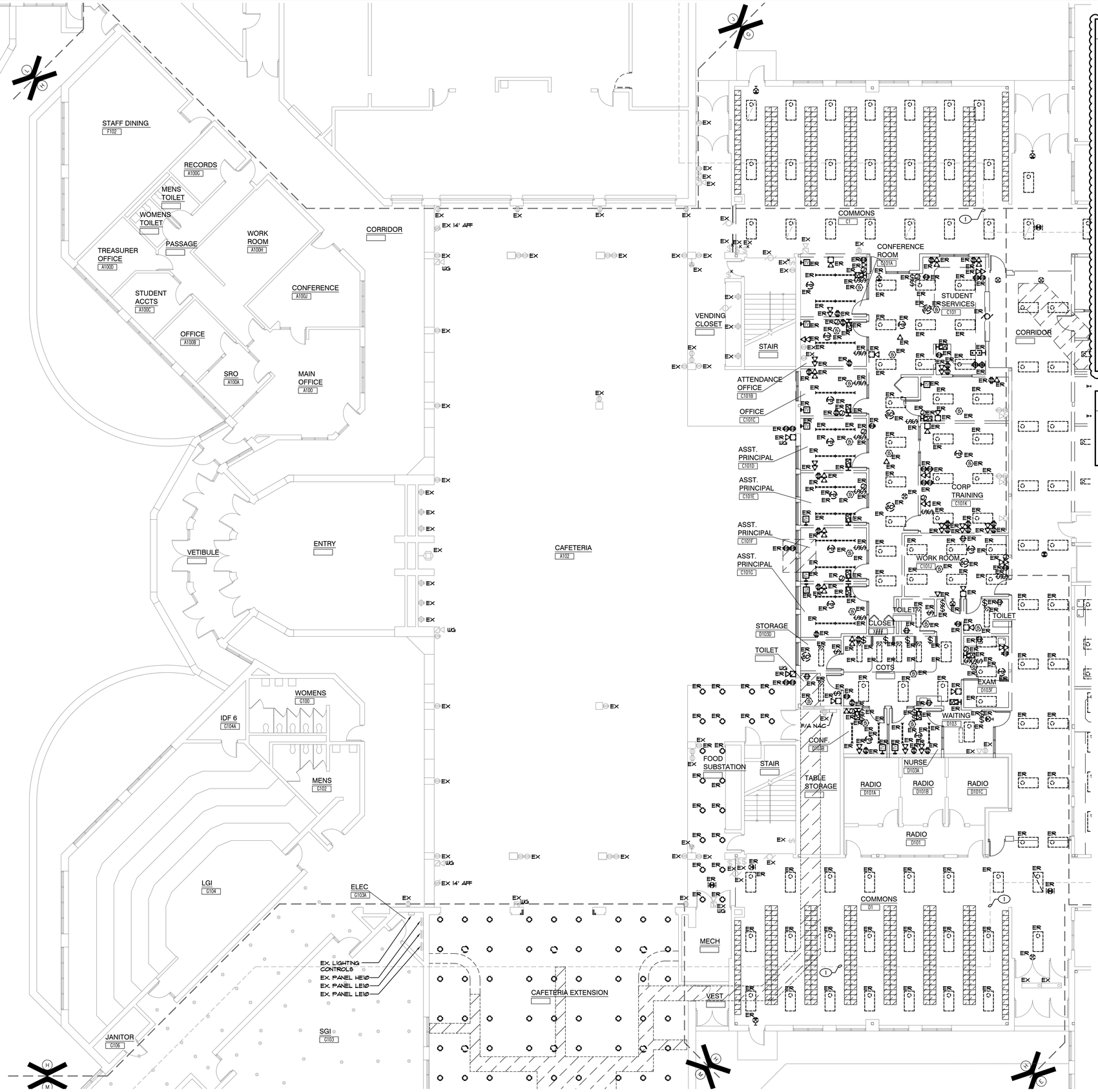
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT G

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
G
ED107



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.

AD-1

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.

ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT "H"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

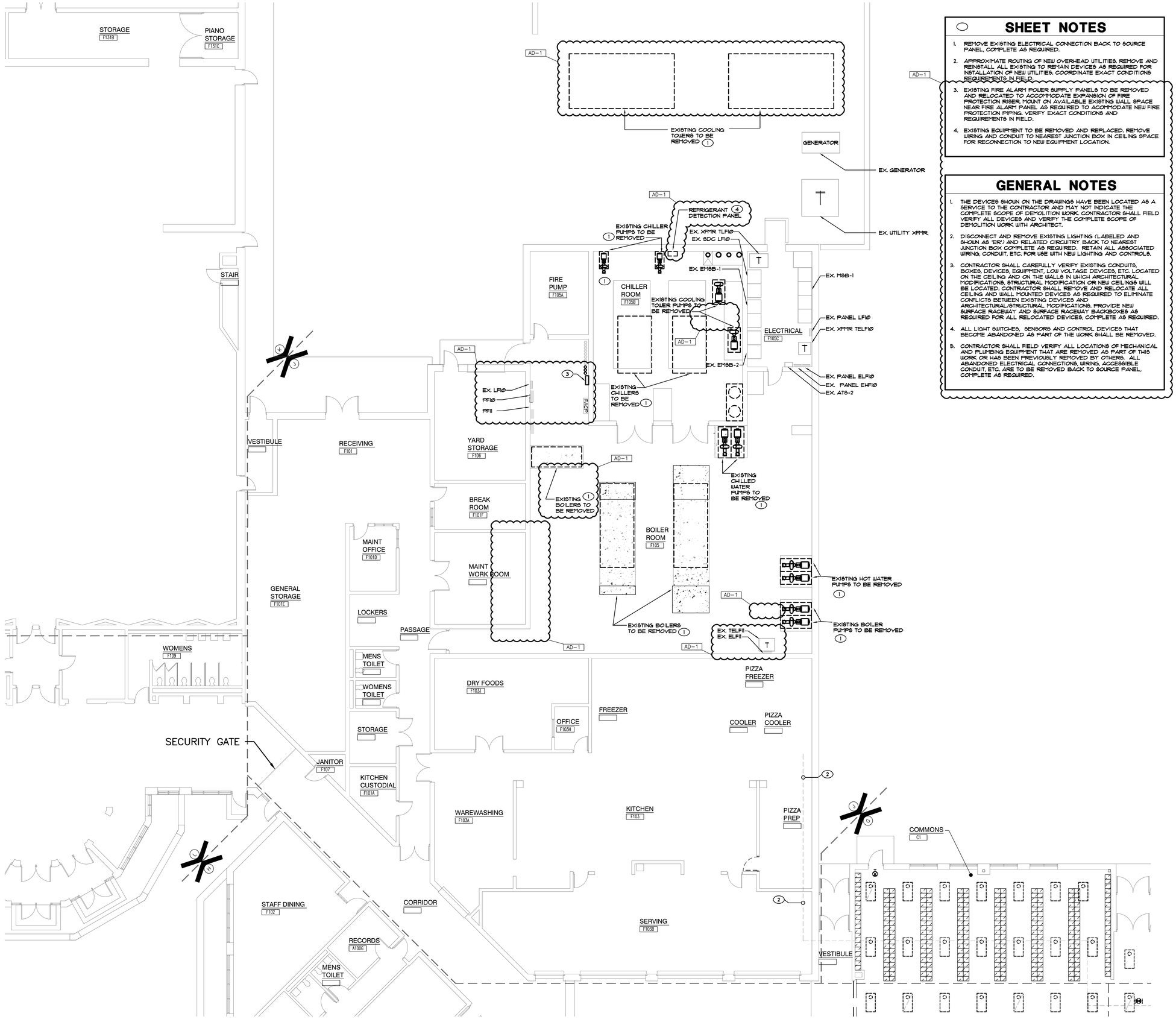
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT H

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
H
ED108



SHEET NOTES

1. REMOVE EXISTING ELECTRICAL CONNECTION BACK TO SOURCE PANEL, COMPLETE AS REQUIRED.
2. APPROXIMATE ROUTING OF NEW OVERHEAD UTILITIES. REMOVE AND REINSTALL ALL EXISTING TO REMAIN DEVICES AS REQUIRED FOR INSTALLATION OF NEW UTILITIES. COORDINATE EXACT CONDITIONS REQUIREMENTS IN FIELD.
3. EXISTING FIRE ALARM POWER SUPPLY PANELS TO BE REMOVED AND RELOCATED TO ACCOMMODATE EXPANSION OF FIRE PROTECTION RISER. MOUNT ON AVAILABLE EXISTING WALL SPACE NEAR FIRE ALARM PANEL AS REQUIRED TO ACCOMMODATE NEW FIRE PROTECTION PIPING. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
4. EXISTING EQUIPMENT TO BE REMOVED AND REPLACED. REMOVE WIRING AND CONDUIT TO NEAREST JUNCTION BOX IN CEILING SPACE FOR RECONNECTION TO NEW EQUIPMENT LOCATION.

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 'ERI') 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.

ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT "J"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT J

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
J
ED109

AD-1

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.

ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT "K"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

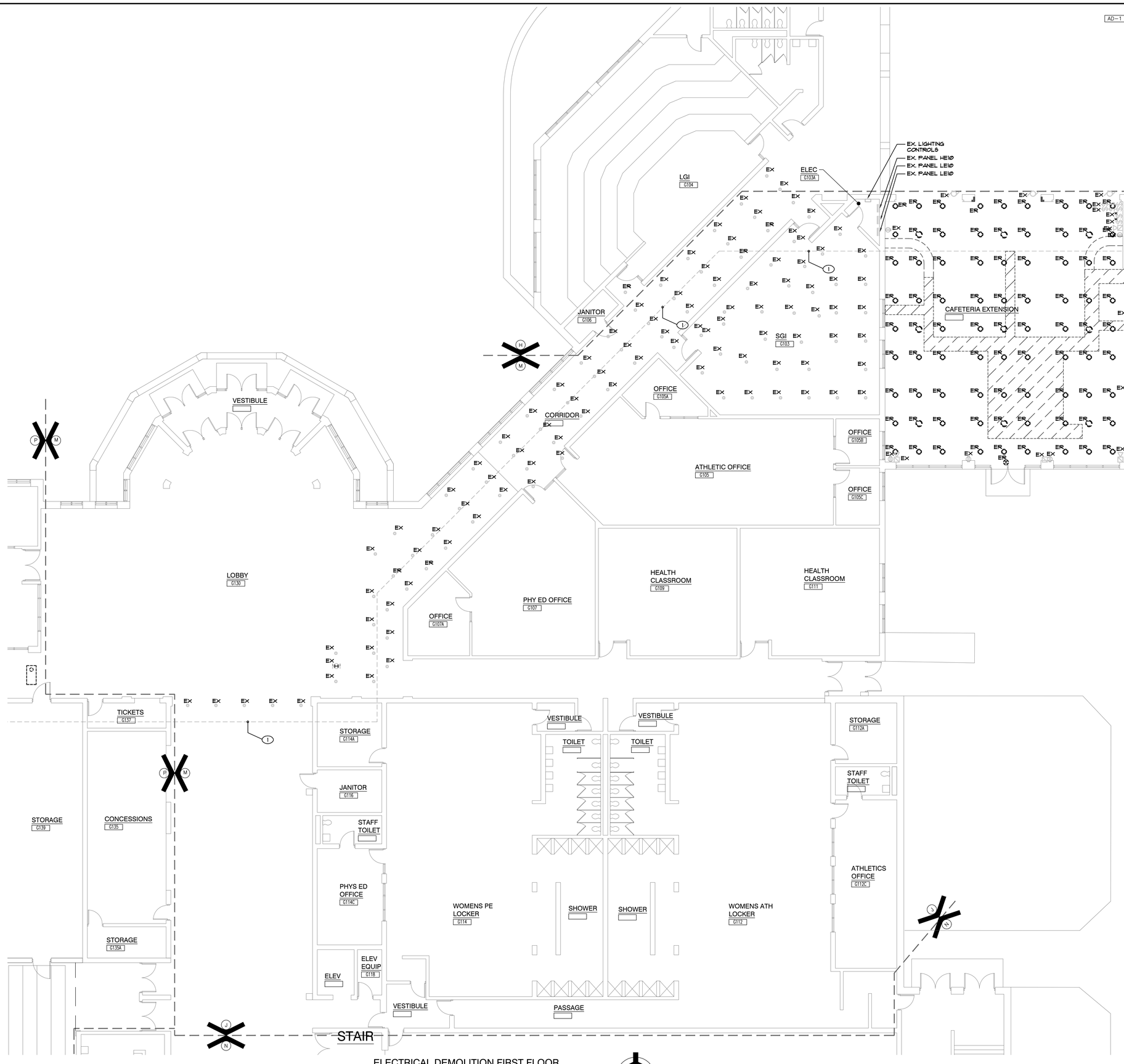
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT K

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
K
ED110



ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT "M"

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

NORTH

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.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

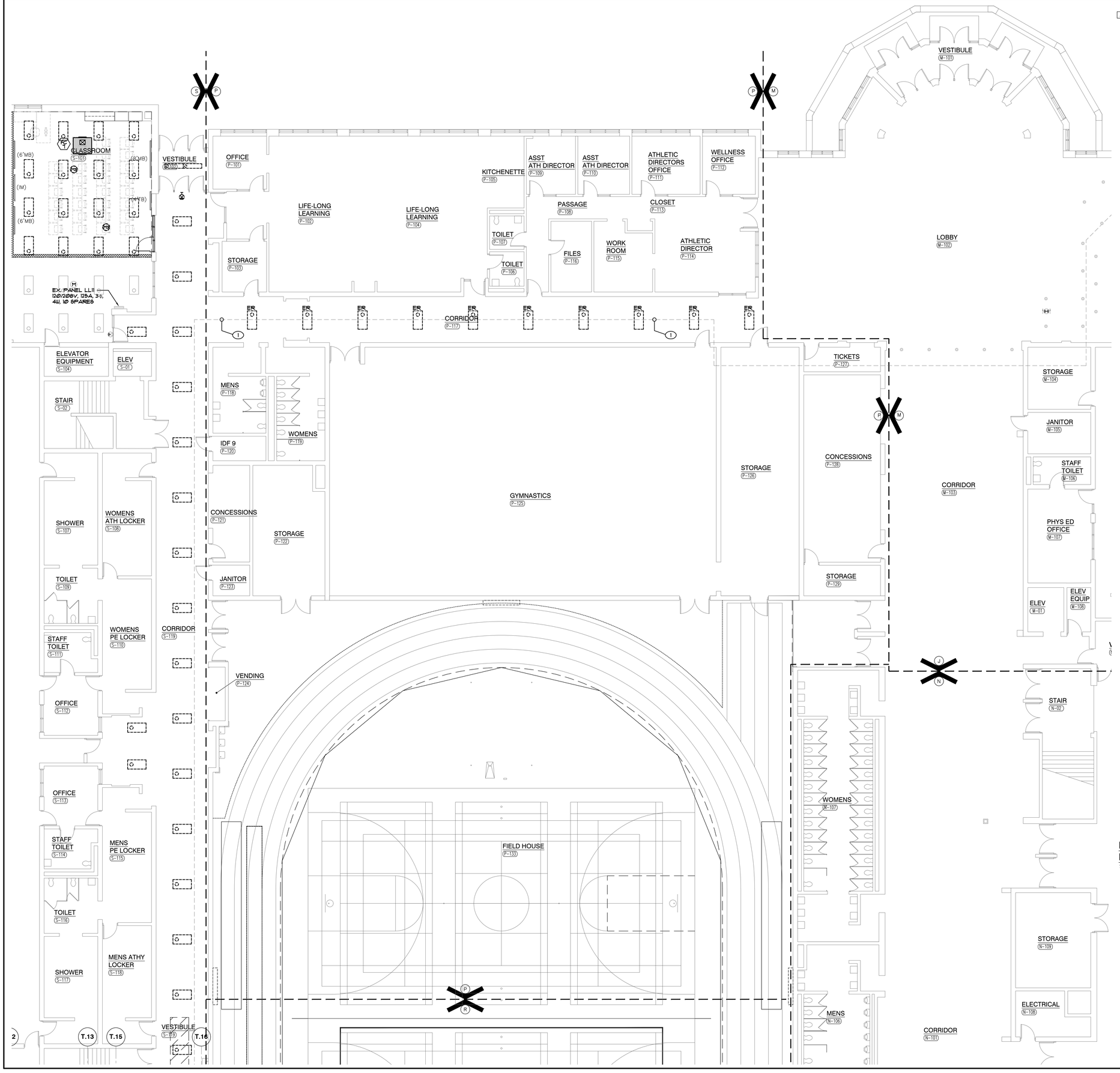
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT M

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
M
ED112



ELECTRICAL DEMOLITION
FIRST FLOOR PLAN - UNIT "P"
SCALE: 1/8" = 1'-0"

NORTH

AD-1

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.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

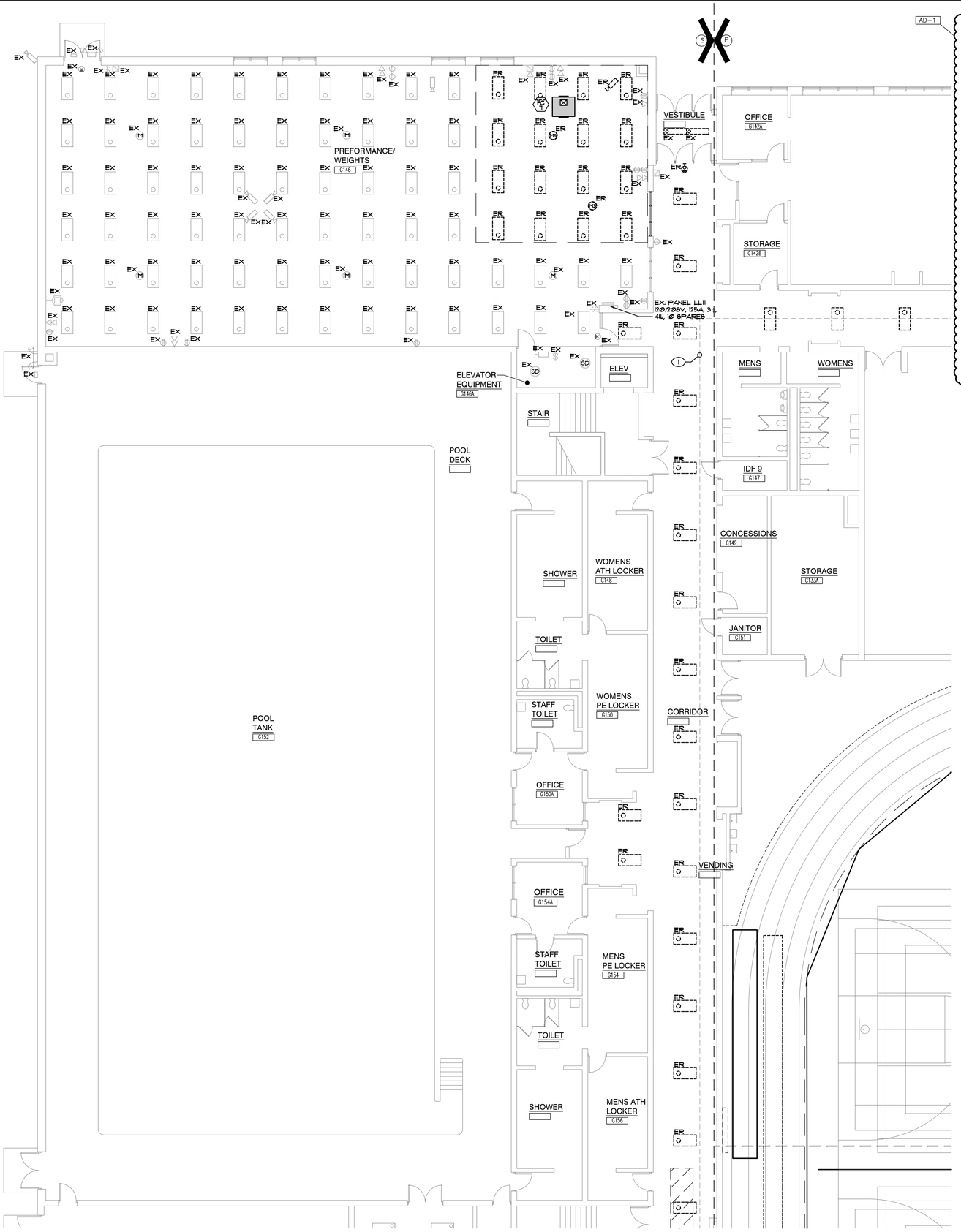
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT P

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
P
ED114



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.

ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT "S"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

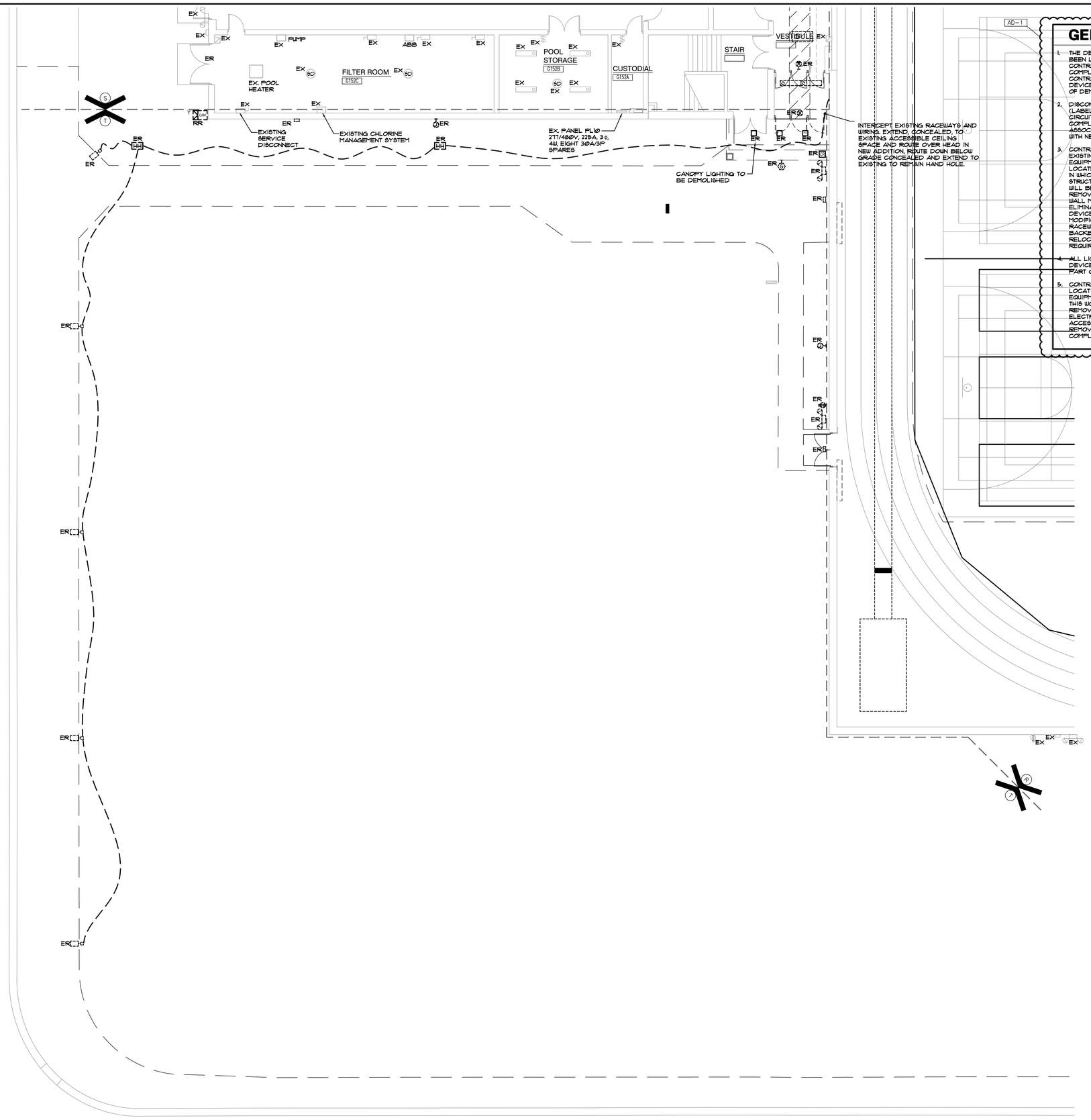
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT S

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
S
ED116



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.

ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT "T"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION FIRST FLOOR PLAN - UNIT T

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

T

SHEET
ED117

OPEN TO COURTYARD BELOW

ELECTRICAL DEMOLITION SECOND FLOOR PLAN - UNIT "D"

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

AD-1

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.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL DEMOLITION SECOND FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

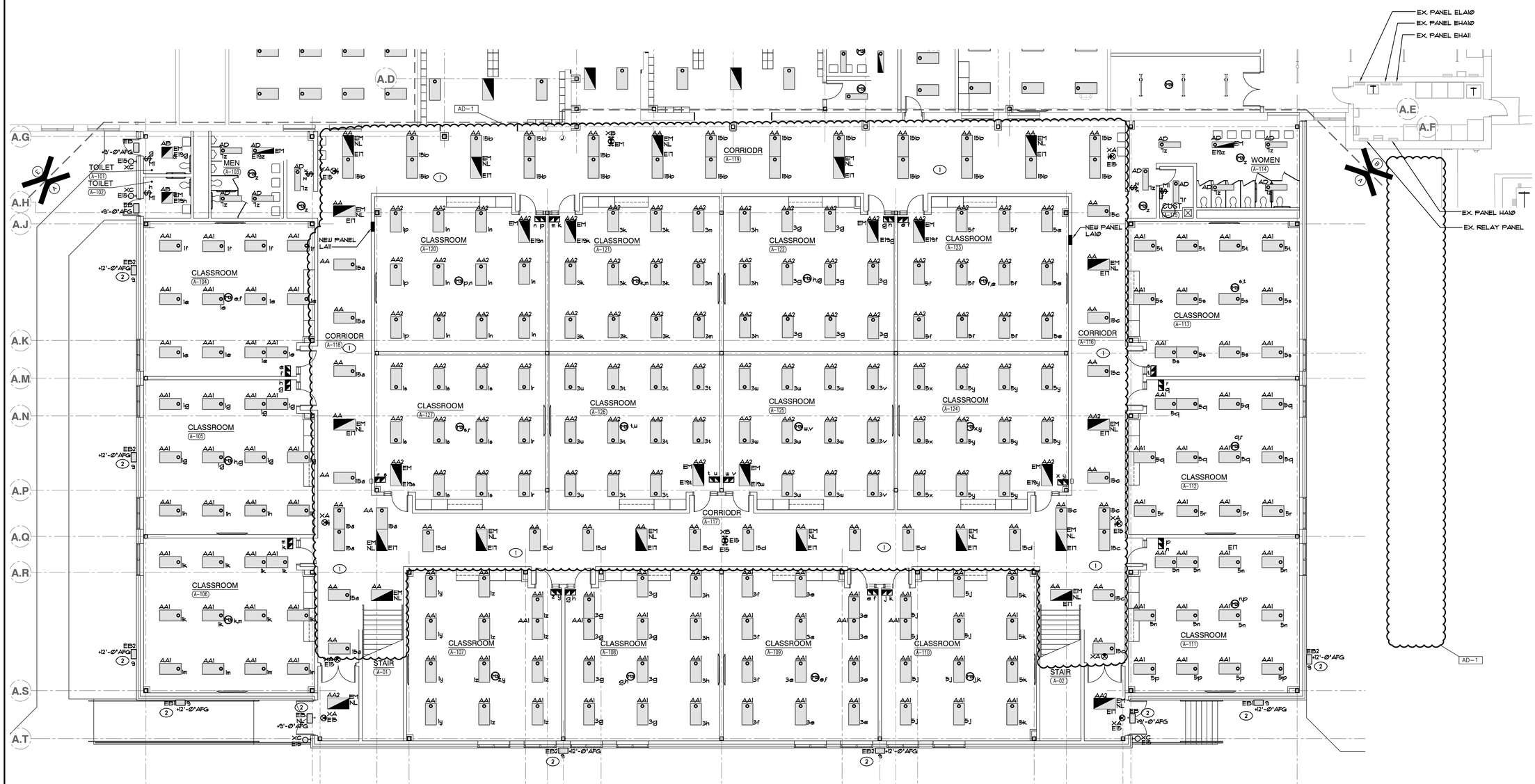
SHEET
D
ED121

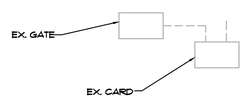
SHEET NOTES

1. CIRCUIT NORMAL LIGHTING CORRIDOR TO EXISTING PANEL HA1Ø INDICATED VIA EXISTING RELAY PANEL IN ELECTRICAL ROOM B-129. MODIFY RELAY PANEL AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
2. CIRCUIT NEW SITE LIGHTING TO EXISTING PANEL HA1Ø AS INDICATED VIA EXISTING RELAY PANEL IN ELECTRICAL ROOM B-129. MODIFY RELAY PANEL AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL HA1Ø UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EHA11.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EHA11.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EHA11. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. CIRCUIT ALL NORMAL EXTERIOR LIGHTING FIXTURES ACCORDING TO PANEL 11 VIA TIMECLOCK, PHOTOCELL AND CONTACTORS.
7. EXTERIOR LIGHTING FIXTURES WITH AN 'E' PREFIX SHOWN SHALL BE ROUTED TO LIFE SAFETY PANEL 11 VIA TIMECLOCK, CONTACTORS, PHOTOCELL AND UL924 BYPASS DEVICES AS REQUIRED TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. 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.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
11. 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.





ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT "A"

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

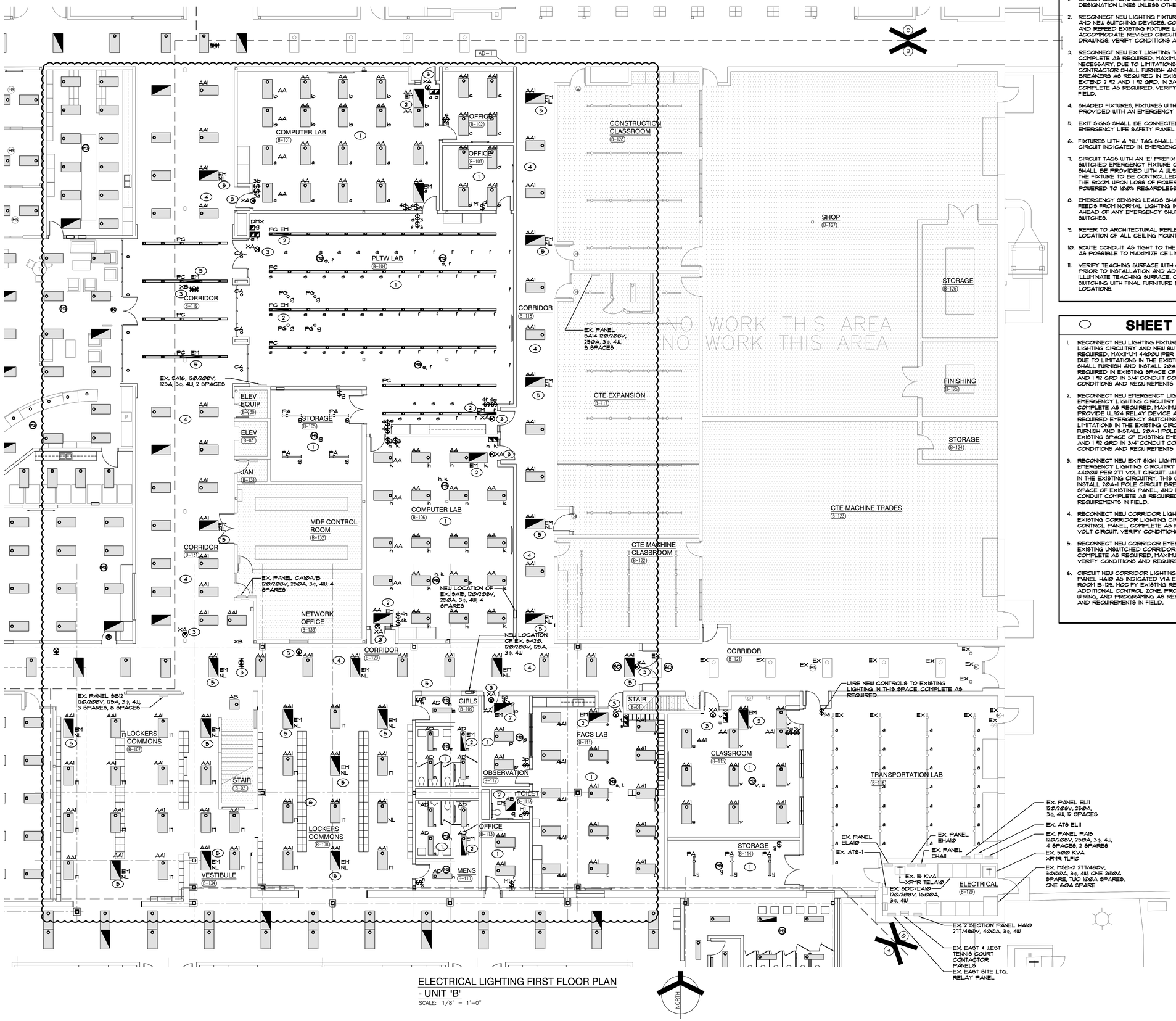
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
A
EL101



ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT "B"

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

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. RECONNECT NEW LIGHTING FIXTURE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES. CONTRACTOR SHALL MODIFY CIRCUITRY AND REFEED EXISTING FIXTURE LOCATIONS AS REQUIRED TO ACCOMMODATE REVISED CIRCUITING AS SHOWN ON THE NEW LIGHTING DRAWINGS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT LIGHTING TO EXISTING EXIT SIGN CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277V CIRCUIT, WHERE NECESSARY, DUE TO LIMITATIONS OF 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 GRD. IN 3/4"C. UNLESS OTHERWISE NOTED. COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
5. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL 11.
6. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL 11.
7. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL 11. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. 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.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
11. 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.
4. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING RELAY CONTROL PANEL, 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.
6. CIRCUIT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING PANEL HA10 AS INDICATED VIA EXISTING RELAY PANEL IN ELECTRICAL ROOM B-129. MODIFY EXISTING RELAY PANEL AS REQUIRED FOR ADDITIONAL CONTROL ZONE. PROVIDE ADDITIONAL CONTACTORS, WIRING, AND PROGRAMING AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT B

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET B

SHEET EL102

ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT "D"

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

NORTH

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL HD1Ø UNLESS OTHERWISE NOTED.
2. RECONNECT NEW LIGHTING FIXTURE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES. CONTRACTOR SHALL MODIFY CIRCUITRY AND REFEED EXISTING FIXTURE LOCATIONS AS REQUIRED TO ACCOMMODATE REVISED CIRCUITING AS SHOWN ON THE NEW LIGHTING DRAWINGS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT LIGHTING TO EXISTING EXIT SIGN CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 440ØW PER 277V CIRCUIT, WHERE NECESSARY, DUE TO LIMITATIONS OF 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"C. UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
5. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EHD1Ø.
6. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EHD1Ø.
7. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EHD1Ø. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
8. 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.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
11. 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 440ØW 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.
2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 440ØW 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 #2 AND 1 #2 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 440ØW 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.
4. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING RELAY CONTROL PANEL, COMPLETE AS REQUIRED, MAXIMUM 440ØW 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 440ØW PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
6. CIRCUIT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING PANEL HA1Ø AS INDICATED VIA EXISTING RELAY PANEL IN ELECTRICAL ROOM B-123. MODIFY EXISTING RELAY PANEL AS REQUIRED FOR ADDITIONAL CONTROL ZONE. PROVIDE ADDITIONAL CONTACTORS, WIRING, AND PROGRAMING AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
7. PROVIDE NEW CONTROL STATION FOR NEW AND EXISTING MEDIA CENTER LIGHTING. PROVIDE PERMANENT LABELS ON COVER PLATES: NORTH, WEST, EAST, CENTER, DESK. COORDINATE EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
8. EXISTING FIXTURE TO BE RELAMPED. PROVIDE NEW LED RETRO FIT LAMP, TYPE XXXX OR EQUAL. VERIFY EXISTING LAMPING IN FIELD PRIOR TO ORDERING.
9. EXISTING FIXTURE TO BE RELAMPED. PROVIDE NEW LED RETRO FIT LAMP, TYPE XXXX OR EQUAL. VERIFY EXISTING LAMPING IN FIELD PRIOR TO ORDERING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

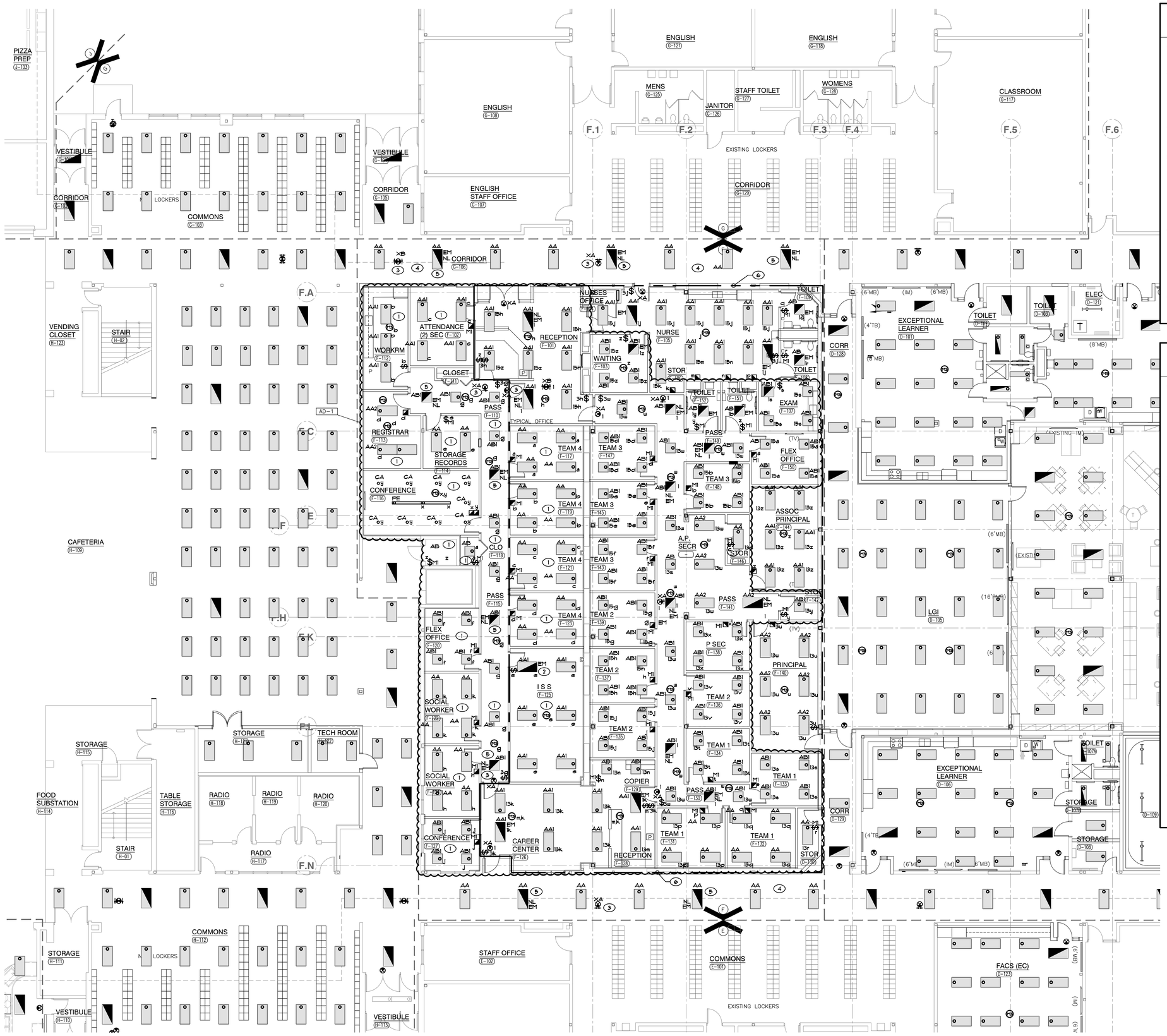
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING
FIRST FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET D EL104



ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT "F"

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

NORTH

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL ??.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL ??.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL ??. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. 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.
7. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
8. 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 #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.
4. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING RELAY CONTROL PANEL, 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.
6. CIRCUIT ALL NEW NORMAL LIGHTING AS INDICATED IN THIS AREA TO SPARE CIRCUIT BREAKER IN EXISTING PANEL HD1D. CIRCUIT ALL NEW EMERGENCY LIGHTING AS INDICATED IN THIS AREA TO SPARE CIRCUIT BREAKER IN EXISTING PANEL EHD1D. COORDINATE EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

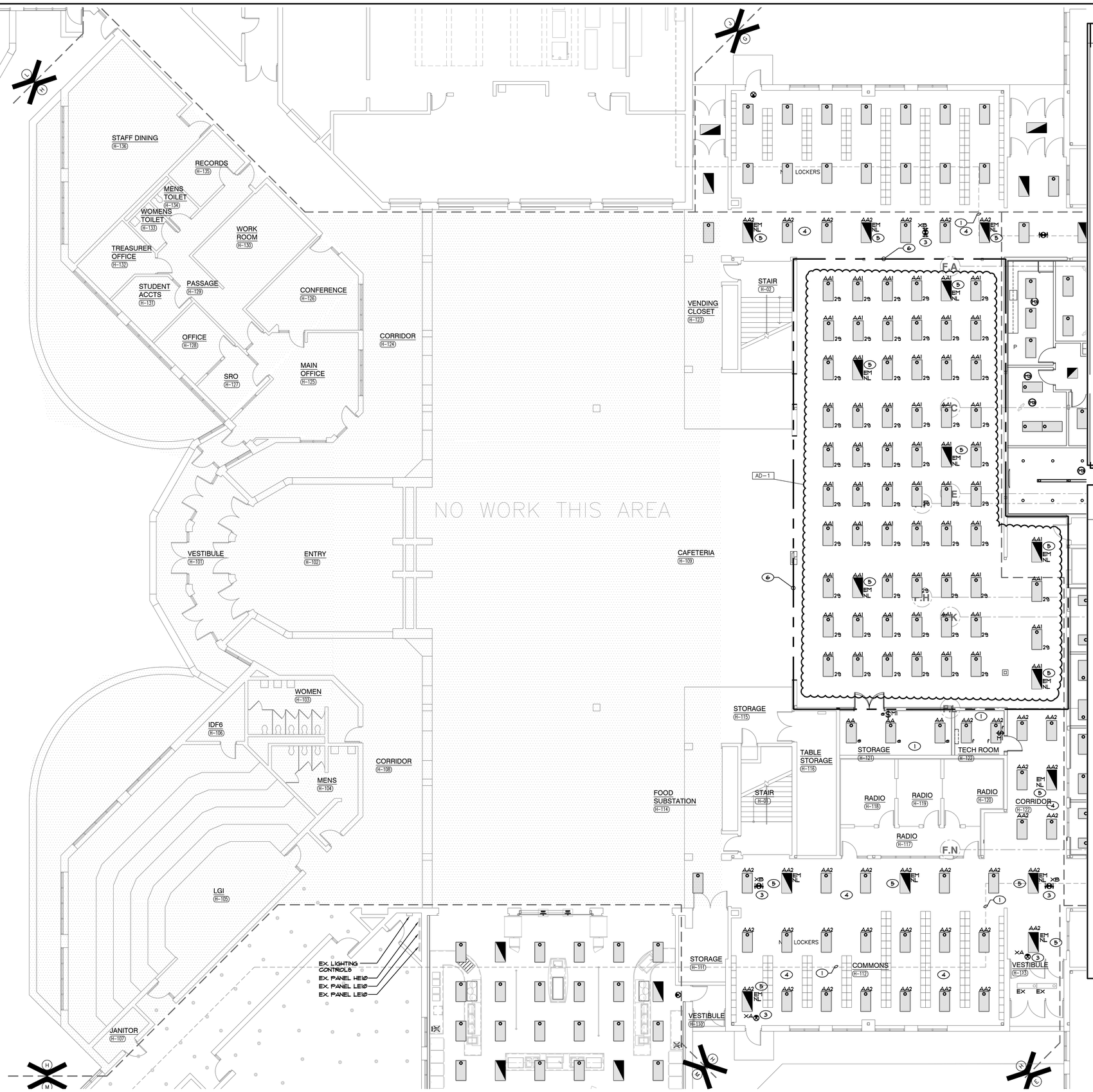
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT F

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET F EL106



ELECTRICAL LIGHTING FIRST FLOOR PLAN
- UNIT "H"
SCALE: 1/8" = 1'-0"

NORTH

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. RECONNECT NEW LIGHTING FIXTURE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES. CONTRACTOR SHALL MODIFY CIRCUITRY AND REFEED EXISTING FIXTURE LOCATIONS AS REQUIRED TO ACCOMMODATE REVISED CIRCUITING AS SHOWN ON THE NEW LIGHTING DRAWINGS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EXIT LIGHTING TO EXISTING EXIT SIGN CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 1440ØW PER 277V CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS OF 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"C. UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
5. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL ??.
6. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL ??.
7. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL ??. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 1Ø0% REGARDLESS OF SWITCH POSITION.
8. 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.
9. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
10. 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 1440ØW 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 1440ØW 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 1440ØW 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.
4. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING RELAY CONTROL PANEL, COMPLETE AS REQUIRED, MAXIMUM 1440ØW 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 1440ØW PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
6. CIRCUIT ALL NEW NORMAL LIGHTING AS INDICATED IN THIS AREA TO SPARE CIRCUIT BREAKER N EXISTING PANEL HD1Ø. CIRCUIT ALL NEW EMERGENCY LIGHTING AS INDICATED IN THIS AREA TO SPARE CIRCUIT BREAKER IN EXISTING PANEL EHD1Ø. COORDINATE EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

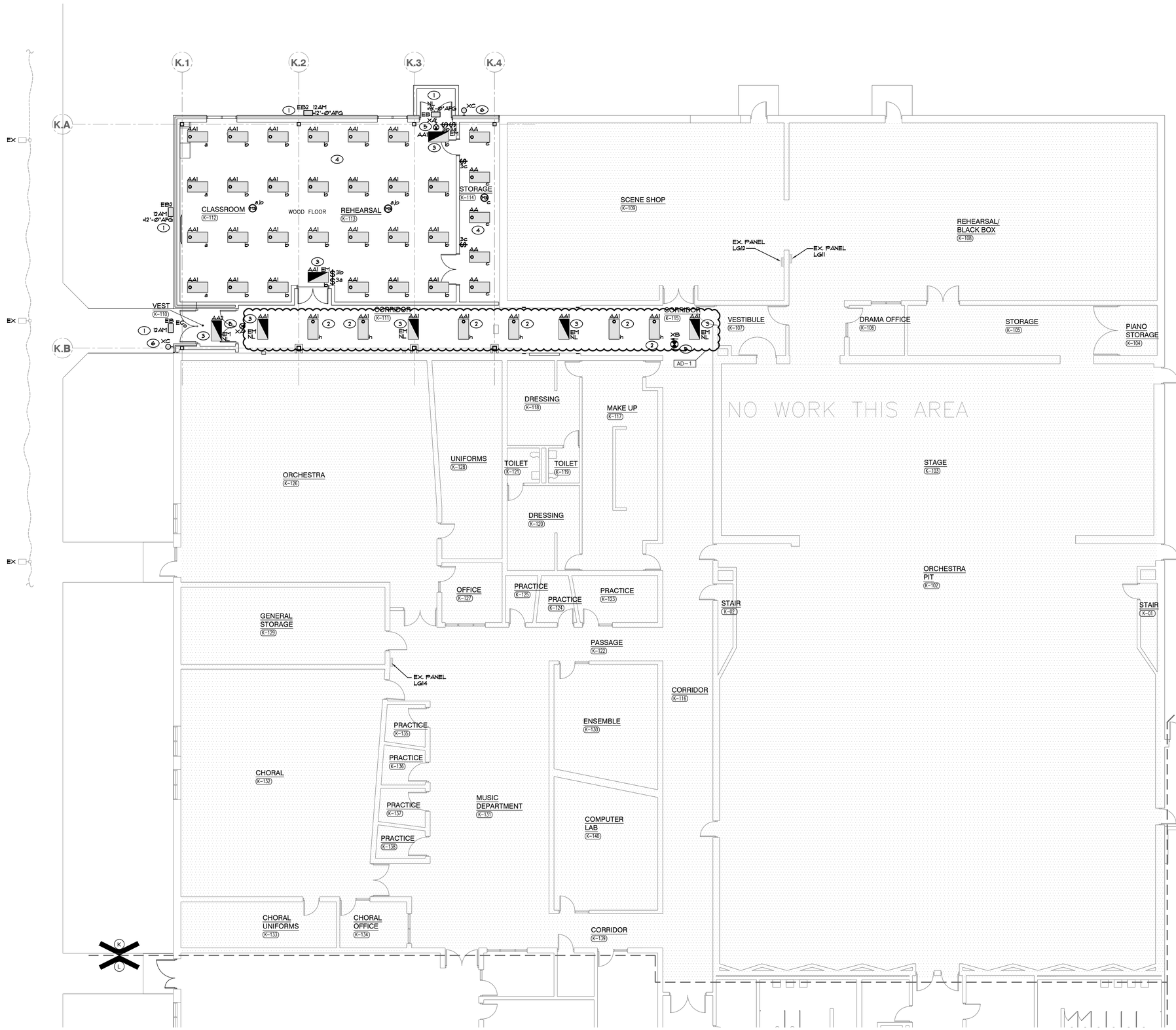
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING
FIRST FLOOR PLAN - UNIT H

PROJECT
CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATIONS

SHEET
H
EL108



GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL HG1@ UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. 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.
7. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
8. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
9. 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 EXTERIOR LIGHT FIXTURES TO EXISTING CIRCUITRY AND EXISTING CONTROLS, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT AND 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 ¾" CONDUIT UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW LIGHT FIXTURES TO EXISTING LIGHTING CIRCUITRY AND EXISTING 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 ¾" CONDUIT UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EMERGENCY LIGHTING TO EXISTING 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 ¾" CONDUIT UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. RECONNECT NEW LIGHT FIXTURES TO AVAILABLE SPARE IN PANEL HG1@ 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 ¾" CONDUIT UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
5. RECONNECT NEW EXIT LIGHTING TO EXISTING EXIT SIGN CIRCUITRY, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277V CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS OF 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"C. UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
6. EMERGENCY LIGHTING HEAD CIRCUITED TO EMERGENCY CIRCUIT WITH UL924 BYPASS DEVICE. BYPASS DEVICE TO BE WIRED TO NEAREST UNSWITCHED CORRIDOR CIRCUIT FOR MONITORING UTILITY LOSS. UPON LOSS OF NORMAL POWER, BYPASS DEVICE SHALL ENERGIZE LIGHTING HEAD.

ELECTRICAL LIGHTING FIRST FLOOR PLAN
- UNIT "K"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

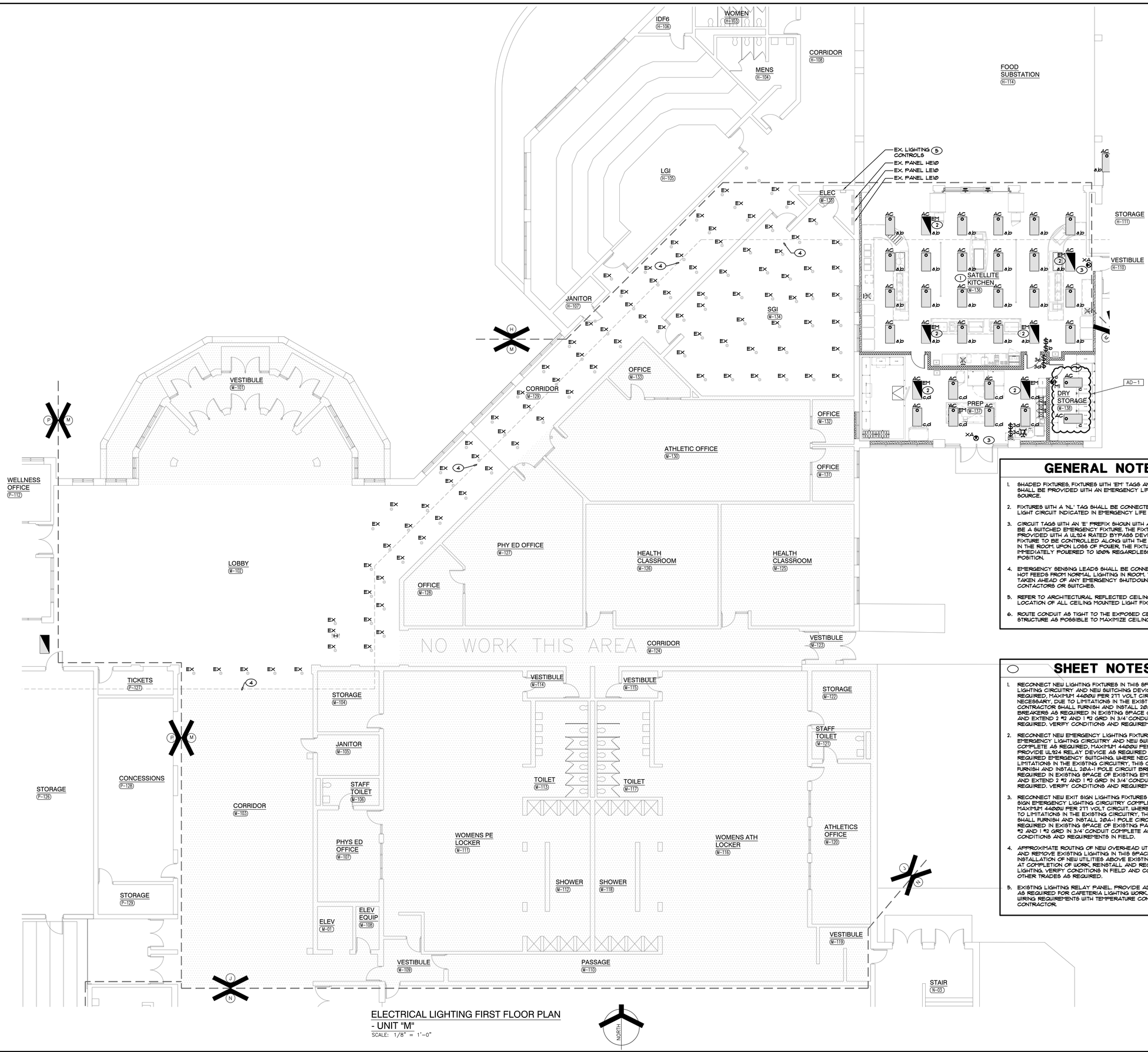
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING
FIRST FLOOR PLAN - UNIT K

PROJECT
CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATIONS

SHEET
K
EL110



ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT "M"

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

NORTH

GENERAL NOTES

1. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
2. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL.
3. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM UPON LOSS OF POWER. THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
4. 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.
5. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
6. 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 #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.
4. APPROXIMATE ROUTING OF NEW OVERHEAD UTILITIES. DISCONNECT AND REMOVE EXISTING LIGHTING IN THIS SPACE AS REQUIRED FOR INSTALLATION OF NEW UTILITIES ABOVE EXISTING CEILING SPACE. AT COMPLETION OF WORK, REINSTALL AND RECONNECT EXISTING LIGHTING. VERIFY CONDITIONS IN FIELD AND COORDINATE WITH OTHER TRADES AS REQUIRED.
5. EXISTING LIGHTING RELAY PANEL. PROVIDE ADDITIONAL RELAYS AS REQUIRED FOR CAFETERIA LIGHTING WORK. COORDINATE WIRING REQUIREMENTS WITH TEMPERATURE CONTROLS CONTRACTOR.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING
FIRST FLOOR PLAN - UNIT M

PROJECT
CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATIONS

SHEET
M
EL112

GENERAL NOTES

1. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
2. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL.
3. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
4. 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.
5. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
6. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.

SHEET NOTES

1. 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 #2 AND 1 #2 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW CORRIDOR LIGHTING FIXTURES IN THIS SPACE TO EXISTING CORRIDOR LIGHTING CIRCUITRY AND EXISTING RELAY CONTROL PANEL, COMPLETE AS REQUIRED, MAXIMUM 4400W PER 277 VOLT CIRCUIT. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. 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.

ELECTRICAL LIGHTING
FIRST FLOOR PLAN - UNIT "P"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING
FIRST FLOOR PLAN - UNIT P

PROJECT
CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATIONS

SHEET
P
EL114

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL 11 UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL 11. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
4. 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.
5. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
6. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
7. 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 EXTERIOR LIGHT FIXTURES TO EXISTING CIRCUITRY AND EXISTING CONTROLS, COMPLETE AS REQUIRED. MAXIMUM 1400W PER 120 VOLT CIRCUIT AND 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 ¾" CONDUIT UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
2. RECONNECT NEW LIGHT FIXTURES TO EXISTING LIGHTING CIRCUITRY AND EXISTING SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W 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 ¾" CONDUIT UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
3. RECONNECT NEW EMERGENCY LIGHTING TO EXISTING EMERGENCY LIGHTING CIRCUITRY, COMPLETE AS REQUIRED. MAXIMUM 1400W 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 ¾" CONDUIT UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
4. RECONNECT NEW LIGHT FIXTURES TO AVAILABLE SPARE IN PANEL HG10 AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED. MAXIMUM 1400W 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 ¾" CONDUIT UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
5. RECONNECT NEW EXIT LIGHTING TO EXISTING EXIT SIGN CIRCUITRY, COMPLETE AS REQUIRED. MAXIMUM 1400W PER 277V CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS OF 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"C. UNLESS OTHERWISE NOTED, COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

ELECTRICAL LIGHTING FIRST FLOOR PLAN
- UNIT "S"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

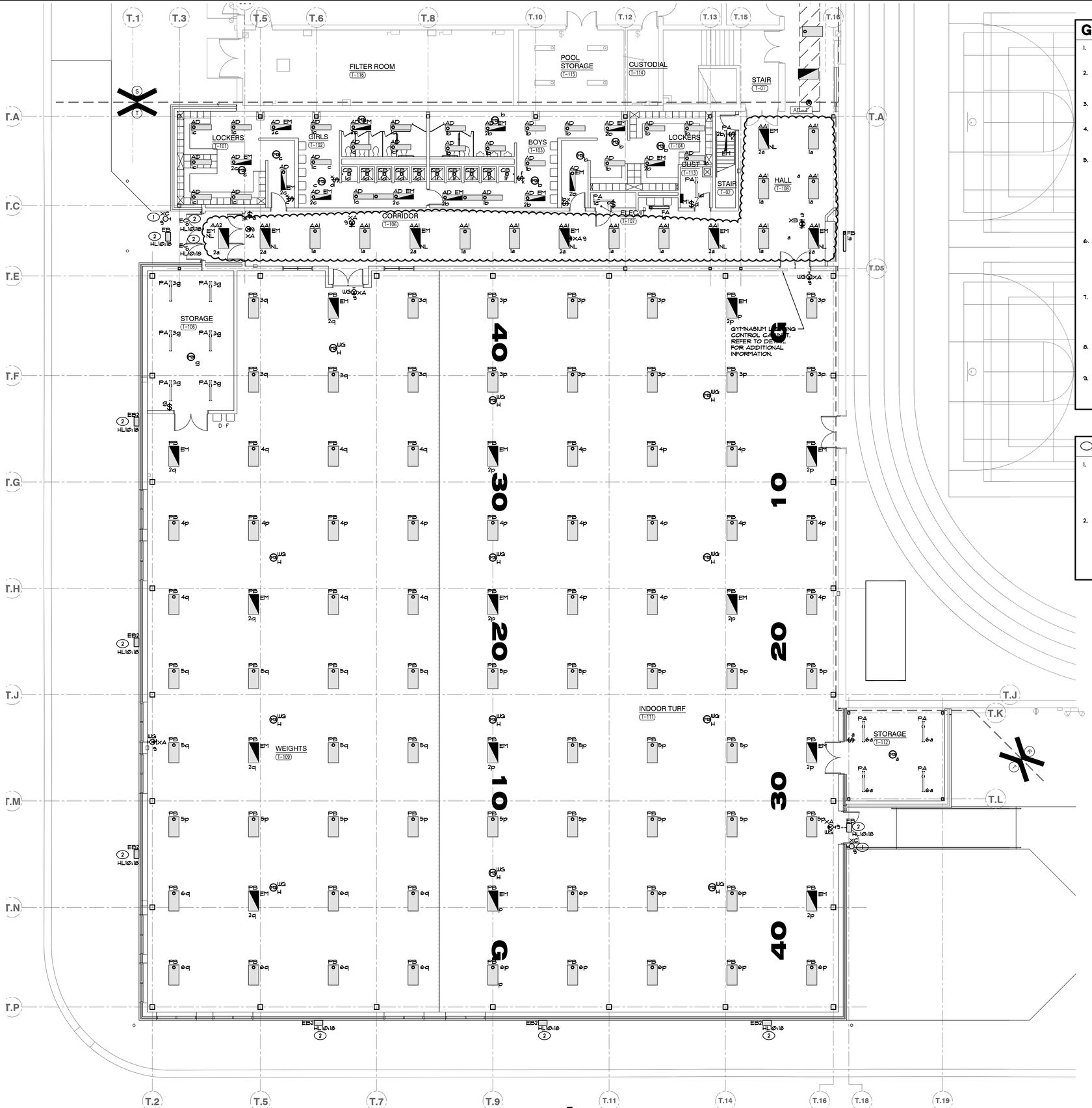
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING
FIRST FLOOR PLAN - UNIT S

PROJECT
CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATIONS

SHEET
S
EL116



ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT "T"

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

NORTH

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL PT2Ø UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL ELH2Ø.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL ELH2Ø.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EHL2Ø. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. EXTERIOR LIGHTING FIXTURES SHALL BE ROUTED TO PANEL HL1Ø V1A TO ALLOW FIXTURE TO OPERATE AND SWITCH ALONG WITH ADJACENT NORMAL LIGHTING. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
7. 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.
8. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
9. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.

SHEET NOTES

1. EMERGENCY LIGHTING HEAD CIRCUITED TO EMERGENCY CIRCUIT WITH UL924 BYPASS DEVICE. BYPASS DEVICE TO BE WIRED TO NEARBY UNSWITCHED CORRIDOR CIRCUIT FOR MONITORING UTILITY LOSS. UPON LOSS OF NORMAL POWER, BYPASS DEVICE SHALL ENERGIZE LIGHTING HEAD.
2. CIRCUIT ALL NEW NORMAL LIGHTING AS INDICATED TO EXISTING PANEL HL1Ø. WIRE THROUGH NEW LIGHTING CONTACTOR (*C25-425T OR EQUAL) IN ELEC L2Ø5 AND INTERFACE TO BUILDING AUTOMATION SYSTEM FOR CONTROL. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING FIRST FLOOR PLAN - UNIT T

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

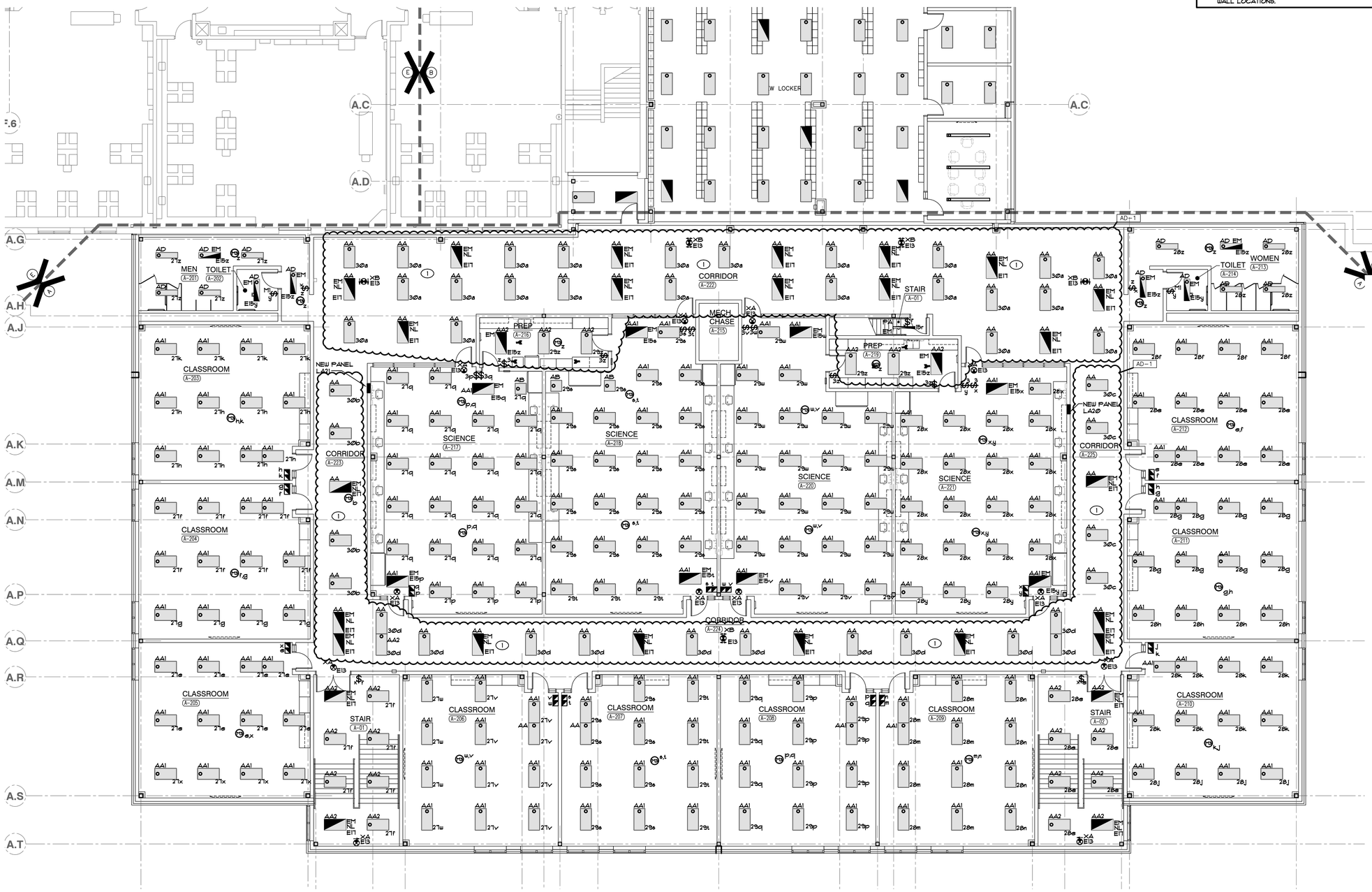
SHEET
T
EL117

SHEET NOTES

1. CIRCUIT NORMAL LIGHTING CORRIDOR TO EXISTING PANEL HD2Ø INDICATED VIA NEW RELAY PANEL IN ELECTRICAL ROOM B-129. INTERFACE WITH BUILDING AUTOMATION SYSTEM. COORDINATE EXACT WIRING REQUIREMENTS WITH TEMPERATURE CONTROLS CONTRACTOR. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO EXISTING PANEL HD2Ø UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EXISTING EMERGENCY LIFE SAFETY PANEL EHD2Ø.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EXISTING EMERGENCY LIFE SAFETY PANEL EHD2Ø.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EHD2Ø. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. 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.
7. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
8. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
9. 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.



ELECTRICAL LIGHTING SECOND FLOOR PLAN
- UNIT "A"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

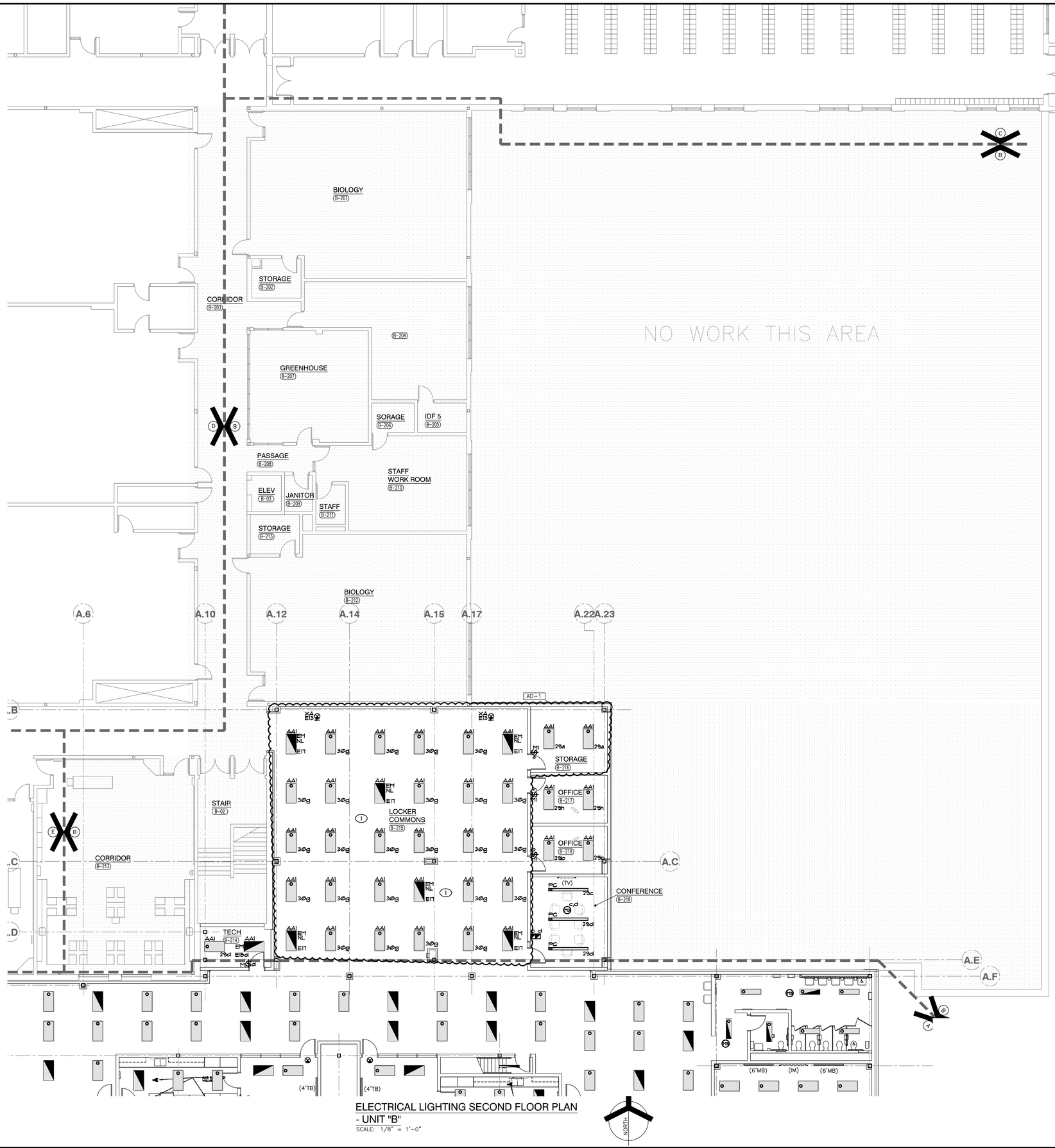
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING SECOND FLOOR PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
A EL118



ELECTRICAL LIGHTING SECOND FLOOR PLAN
- UNIT "B"
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO EXISTING PANEL HD2Ø UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EXISTING EMERGENCY LIFE SAFETY PANEL EH2Ø.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EXISTING EMERGENCY LIFE SAFETY PANEL EH2Ø.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EH2Ø. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. 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.
7. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
8. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
9. 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. CIRCUIT NORMAL LIGHTING CORRIDOR TO EXISTING PANEL HD2Ø INDICATED VIA NEW RELAY PANEL IN ELECTRICAL ROOM B-129. INTERFACE WITH BUILDING AUTOMATION SYSTEM. COORDINATE EXACT WIRING REQUIREMENTS WITH TEMPERATURE CONTROLS CONTRACTOR. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT
21-111
DATE
10/11/21
COORDINATED BY
SM
DRAWN BY
EO/CC/JM
CHECKED BY
DJ

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

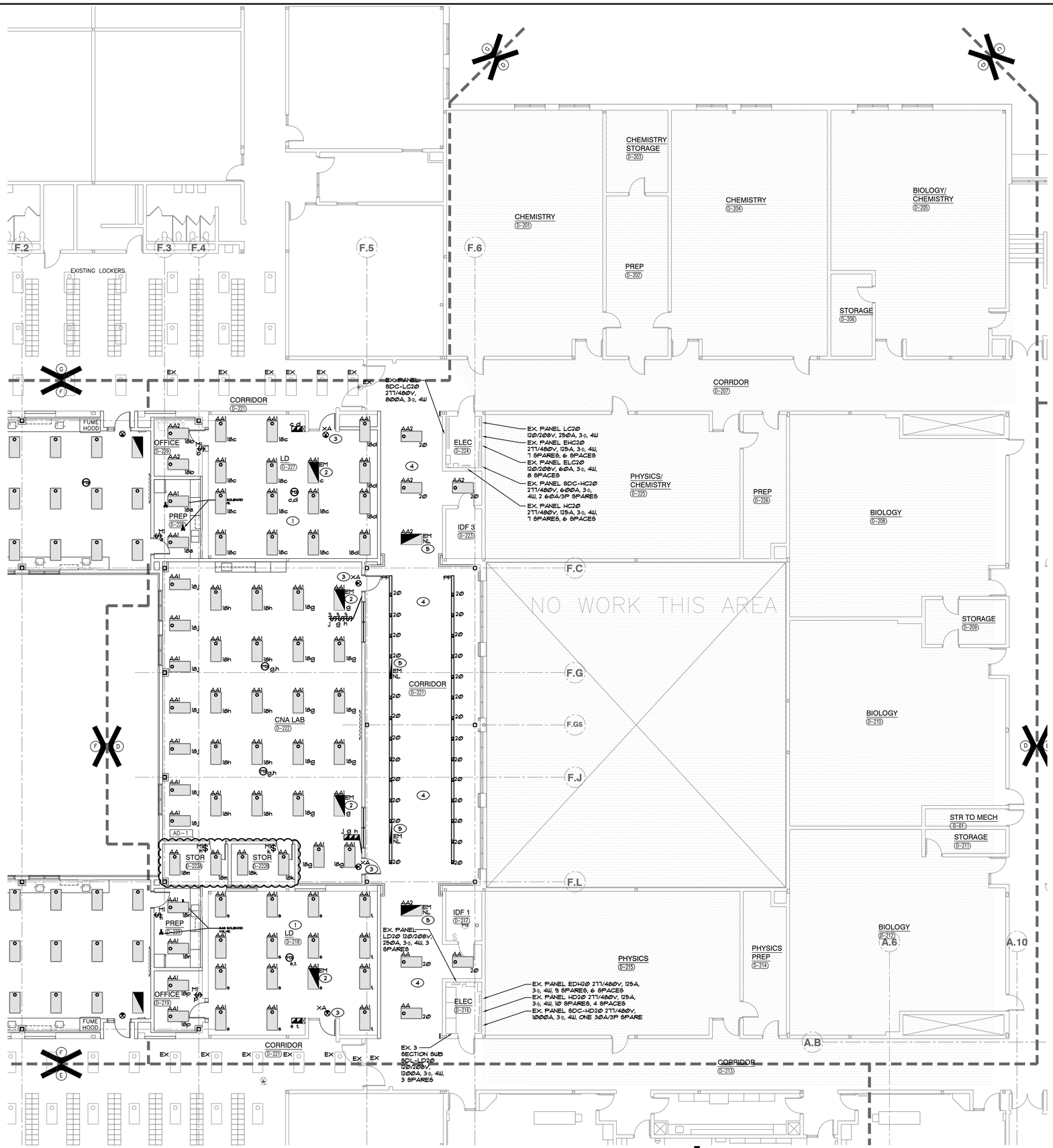
REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING
SECOND FLOOR PLAN
- UNIT B

PROJECT
CROWN POINT HIGH SCHOOL
ADDITIONS AND RENOVATIONS

SHEET
B
EL119



ELECTRICAL LIGHTING SECOND FLOOR PLAN
- UNIT "D"
SCALE: 1/8" = 1'-0"

GENERAL NOTES

1. CIRCUIT ALL NORMAL LIGHTING FIXTURES TO PANEL HC2Ø UNLESS OTHERWISE NOTED.
2. SHADED FIXTURES, FIXTURES WITH 'EM' TAGS AND EXIT SIGNS SHALL BE PROVIDED WITH AN EMERGENCY LIFE SAFETY POWER SOURCE.
3. EXIT SIGNS SHALL BE CONNECTED TO CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EHC2Ø.
4. FIXTURES WITH A 'NL' TAG SHALL BE CONNECTED TO THE NIGHT LIGHT CIRCUIT INDICATED IN EMERGENCY LIFE SAFETY PANEL EHC2Ø.
5. CIRCUIT TAGS WITH AN 'E' PREFIX SHOWN WITH A SWITCH LEG SHALL BE A SWITCHED EMERGENCY FIXTURE CONNECTED TO PANEL EHC2Ø. THE FIXTURE SHALL BE PROVIDED WITH A UL924 RATED BYPASS DEVICE TO ALLOW THE FIXTURE TO BE CONTROLLED ALONG WITH THE NORMAL FIXTURES IN THE ROOM. UPON LOSS OF POWER, THE FIXTURE SHALL BE IMMEDIATELY POWERED TO 100% REGARDLESS OF SWITCH POSITION.
6. 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.
7. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
8. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
9. 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.
4. CIRCUIT ALL NEW CORRIDOR NORMAL LIGHTING AS INDICATED TO EXISTING PANEL HC2Ø. WIRE THROUGH NEW LIGHTING CONTACTOR (TCT25-42ST OR EQUAL) IN ELEC D-224 AND INTERFACE TO BUILDING AUTOMATION SYSTEM FOR CONTROL. VERIFY EXACT 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.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL LIGHTING SECOND FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
D
EL121

ELECTRICAL POWER FIRST FLOOR PLAN - UNIT "D"

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

NORTH

GENERAL NOTES

1. CIRCUIT ALL DEVICES ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
2. 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.
3. ALL DEVICES WITH BOX BASES SHALL BE SURFACE MOUNTED TO THE EXISTING WALL. CONTRACTOR SHALL PROVIDE NEW NEATLY ROUTED SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES FOR NEW DEVICES LOCATED ON EXISTING WALLS. CONTRACTOR SHALL VERIFY EXACT ROUTING OF SURFACE RACEWAY WITH ARCHITECT PRIOR TO INSTALLATION.
4. PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. RELOCATE EXISTING PANELBOARD TO BE RECESSED IN MODIFIED WALL. EXTEND BRANCH CONDUIT AND WIRING FROM ABOVE CEILING AND IN SLAB PULL BOXES TO PANEL LOCATIONS AND CONNECT. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
3. CUT AND PATCH EXISTING FLOOR SLAB AS REQUIRED TO ROUTE MINIMUM 3/4"C. FOR POWER AND 1-1/4"C. FOR LOW VOLTAGE UNDER FLOOR AND STUBBED UP WITHIN NEW FURNITURE SYSTEM TO NEW POWER AND DATA OUTLET LOCATIONS. ROUTE PVC WITHIN FURNITURE SYSTEM. PRIOR TO CUTTING EXISTING FLOOR SLAB, CONTRACTOR SHALL RADAR SCAN SLAB FOR EXISTING UTILITIES. COORDINATE CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.
4. PROVIDE TWO (2) GANG BACKBOX LOCATED 12"AFF WITH THREE (3) 3/4" CONDUITS STUBBED TO ACCESSIBLE CEILING SPACE.
5. PROVIDE TWO (2) 2"CONDUIT SLEEVES IN ACCESSIBLE CEILING SPACE TO ALLOW LOW VOLTAGE CABLING TO BE ROUTED BETWEEN ROOMS.
6. PROVIDE ONE (1) TWO GANG BACKBOX ON EACH SIDE OF WALL (MOUNTED AT 12"AFF) WITH FOUR (4) 3/4" CONDUITS ROUTED BETWEEN WALL BOXES.
7. PROVIDE RECEPTACLE, DATA OUTLETS AND SINGLE GANG BACKBOX LOCATED AT 12" BELOW CEILING. PROVIDE ONE (1) 3/4" CONDUIT FROM BACKBOX TO ACCESSIBLE CEILING SPACE.
8. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO ROUGH-IN.
9. PROVIDE 120V CARD ACCESS POWER SUPPLY EMERGENCY CONNECTION TO NEAREST AVAILABLE 120/208V EMERGENCY POWER CIRCUIT (MAXIMUM 1400W PER 120V CIRCUIT) AND CONNECT. COMPLETE AS REQUIRED. ROUTE 2 #12 & 1 #12 GRD.-3/4"C. TO ONE (1) 20A/1P CIRCUIT BREAKER IN EMERGENCY PANEL IF EXISTING CIRCUITRY DOES NOT HAVE SUFFICIENT CAPACITY FOR NEW LOADS. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD, COMPLETE AS REQUIRED.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL POWER FIRST FLOOR PLAN - UNIT D

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
D
EP104

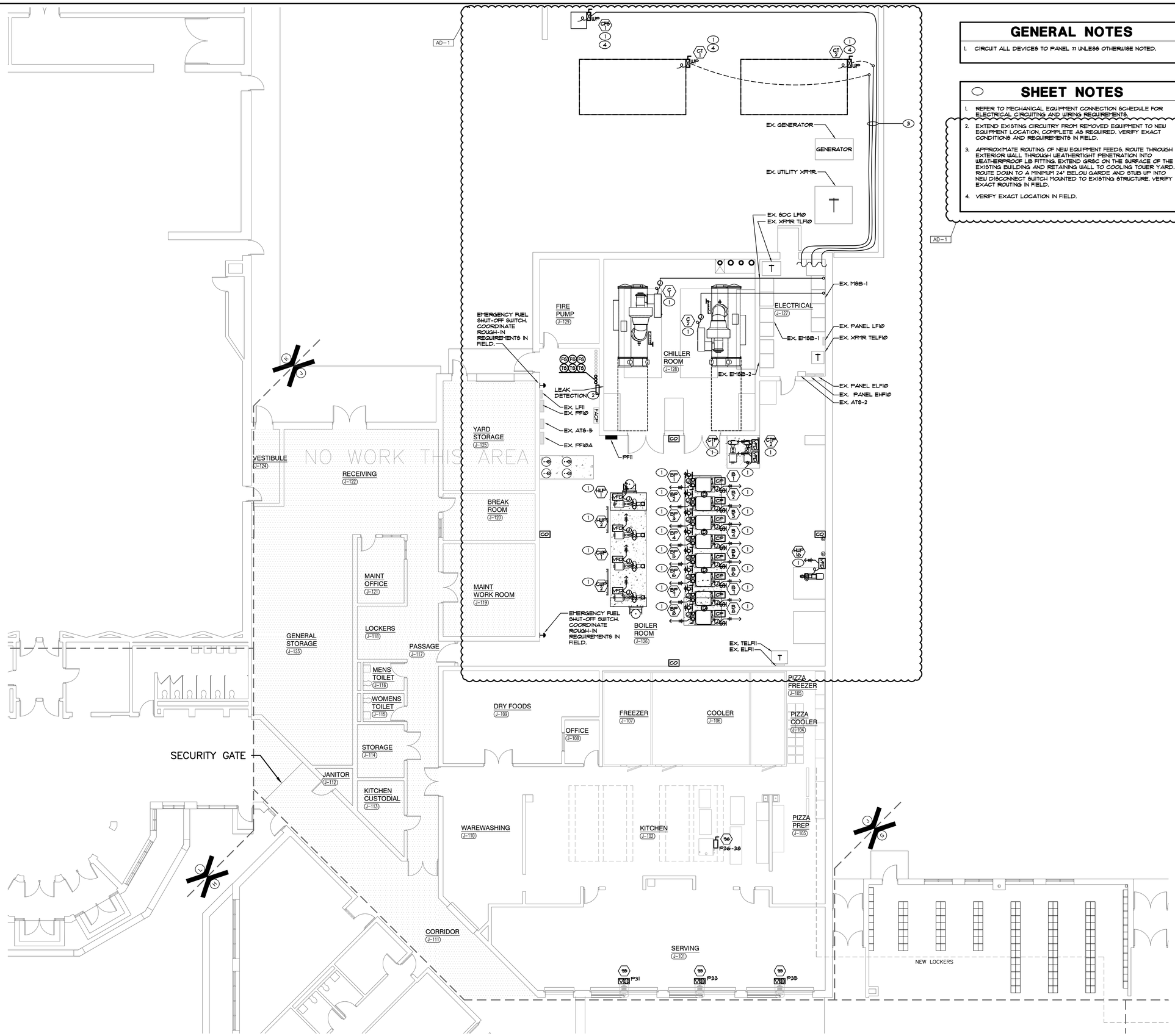
GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL 'J' UNLESS OTHERWISE NOTED.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.
2. EXTEND EXISTING CIRCUITRY FROM REMOVED EQUIPMENT TO NEW EQUIPMENT LOCATION. COMPLETE AS REQUIRED. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
3. APPROXIMATE ROUTING OF NEW EQUIPMENT FEEDS. ROUTE THROUGH EXTERIOR WALL THROUGH WEATHERTIGHT PENETRATION INTO WEATHERPROOF LB FITTING. EXTEND GRSC ON THE SURFACE OF THE EXISTING BUILDING AND RETAINING WALL TO COOLING TOWER YARD. ROUTE DOWN TO A MINIMUM 24" BELOW GARDE AND STUB UP INTO NEW DISCONNECT SWITCH MOUNTED TO EXISTING STRUCTURE. VERIFY EXACT ROUTING IN FIELD.
4. VERIFY EXACT LOCATION IN FIELD.

AD-1



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

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL POWER FIRST FLOOR PLAN - UNIT J

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
J
EP109

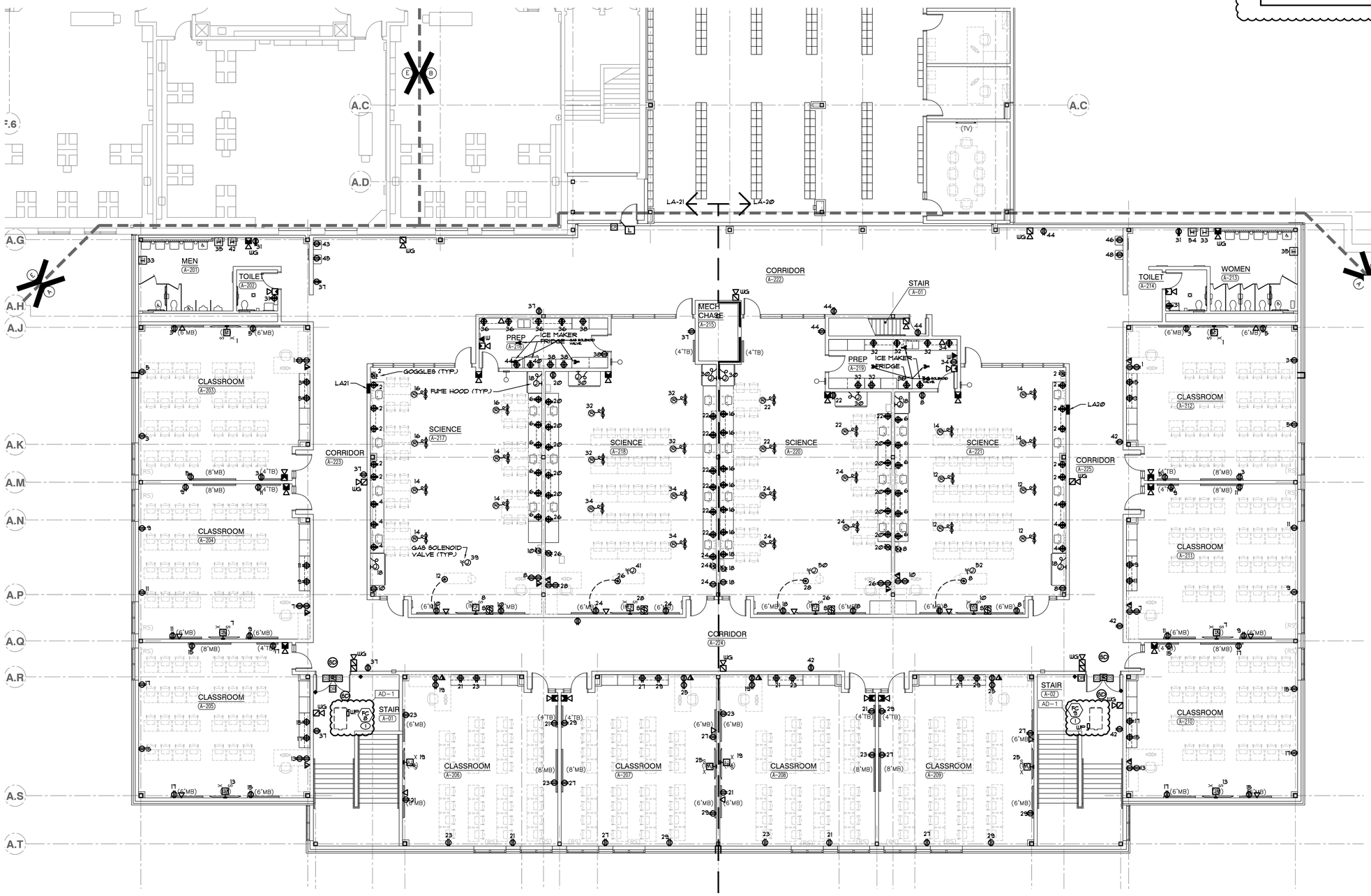
GENERAL NOTES

1. CIRCUIT ALL DEVICES TO PANEL LA21 AND L2Ø 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. VERIFY EXACT LOCATION OF REEL CORDS IN SCIENCE A-217, SCIENCE A-218, SCIENCE A-220 AND SCIENCE A-221 WITH ARCHITECT AND CONSTRUCTION MANAGER PRIOR TO ROUGHING-IN.
4. VERIFY EXACT MOUNTING HEIGHT OF GOGGLE CABINETS IN SCIENCE A-217, SCIENCE A-218, SCIENCE A-220 AND SCIENCE A-221 WITH ARCHITECT AND CONSTRUCTION MANAGER PRIOR TO ROUGHING-IN.

AD-1

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.



ELECTRICAL POWER SECOND FLOOR PLAN
- UNIT "A"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL POWER SECOND FLOOR PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

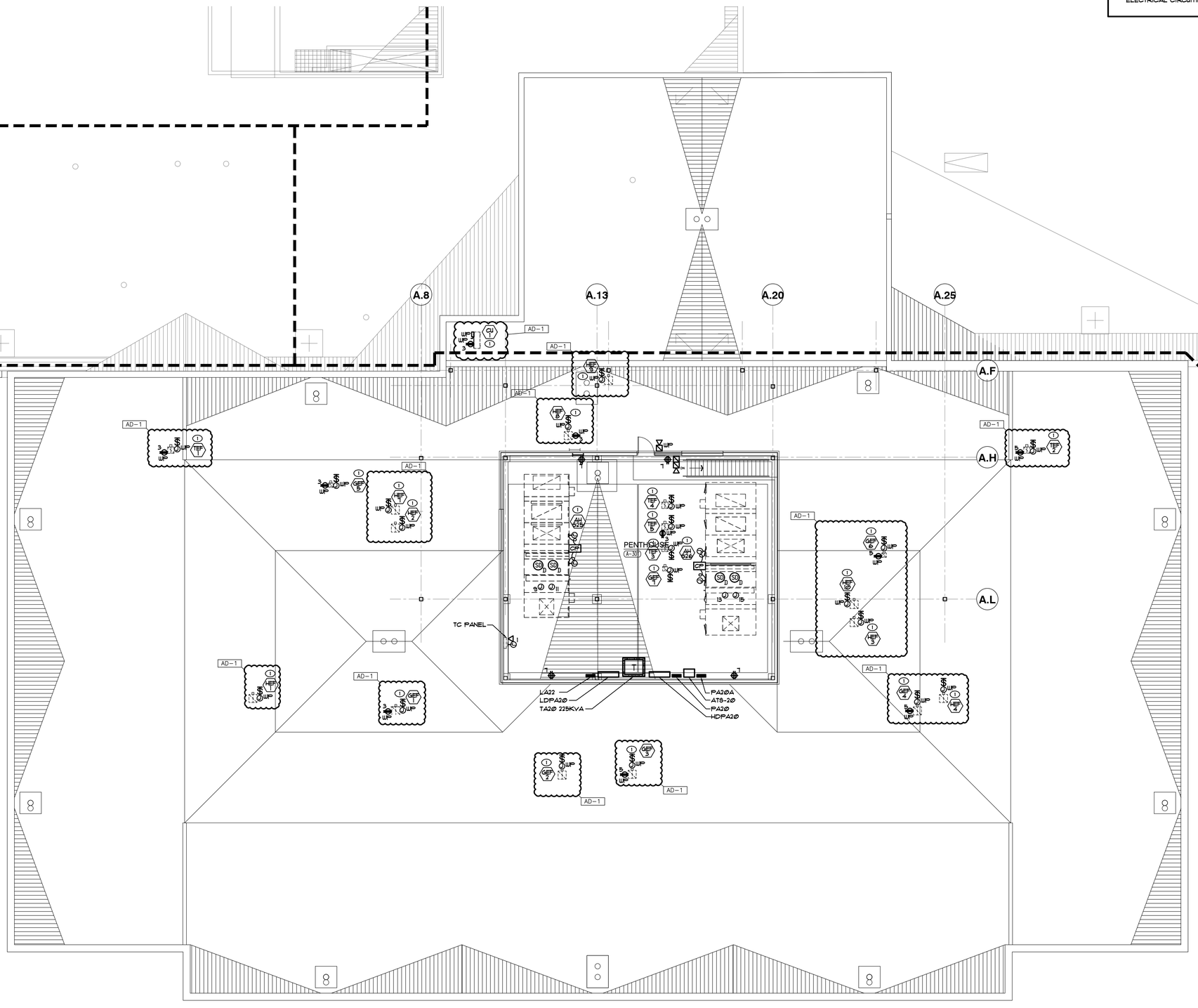
SHEET
A
EP118

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO NEW PANEL LT2Ø UNLESS OTHERWISE NOTED.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.



ELECTRICAL POWER ROOF PLAN - UNIT "A"

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

GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL POWER ROOF PLAN - UNIT A

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

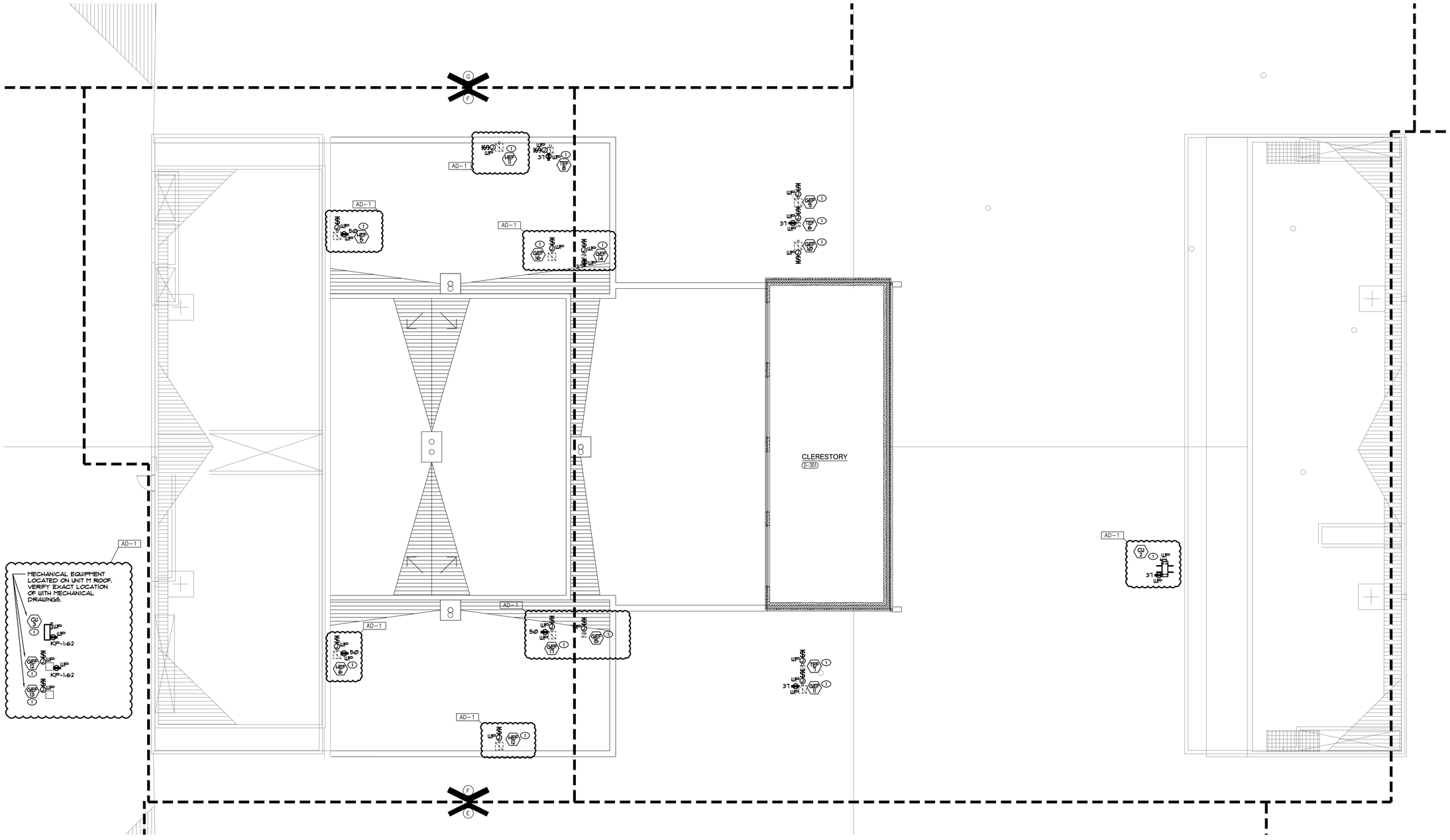
SHEET
A
EP136

GENERAL NOTES

1. CIRCUIT ALL DEVICES TO NEW PANEL LD21 UNLESS OTHERWISE NOTED.

SHEET NOTES

1. REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ELECTRICAL CIRCUITING AND WIRING REQUIREMENTS.



ELECTRICAL POWER ROOF PLAN - UNITS "D", "F"
SCALE: 1/8" = 1'-0"

NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

KEY PLAN

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

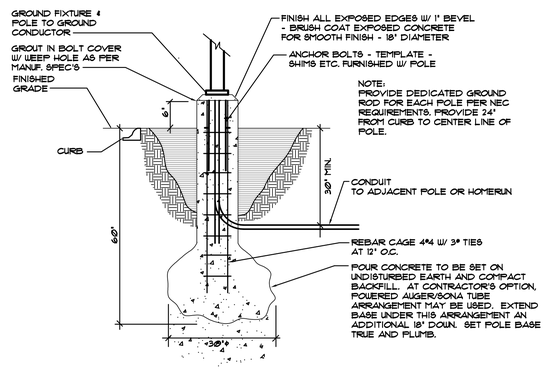
MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL POWER ROOF PLAN - UNITS D, F

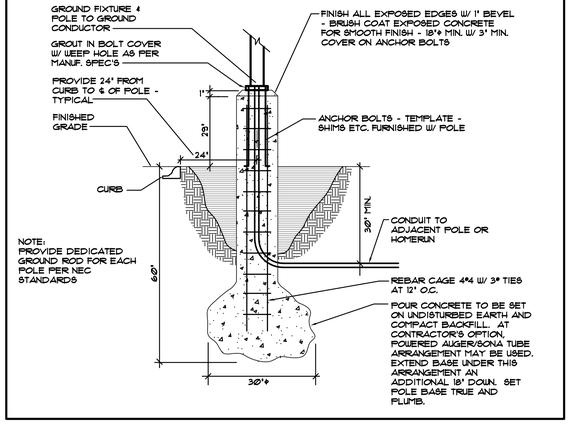
PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
D, F
EP137

6" POLE BASE DETAIL - GRASSY AREAS

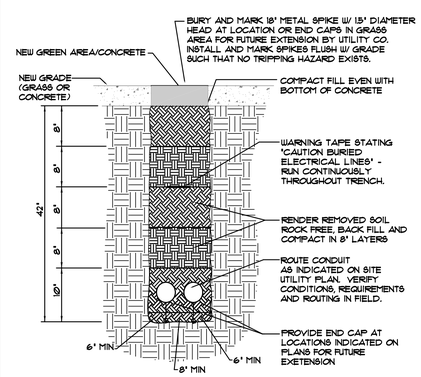


TYPICAL 30" CONCRETE POLE BASE DETAIL - PARKING LOT AREAS



TRENCH DETAIL

N.T.S.



LEGEND:

- — — — INDICATES CONDUIT ROUTED MINIMUM 36" BELOW GRADE AND LISTED FOR DIRECT BURIAL WITH NYLON PULL WIRE. COORDINATE CONDUIT TYPE WITH SPECIFICATIONS. ALL CONDUIT BENDS SHALL BE GALVANIZED RIGID STEEL CONDUIT WITH NO LESS THAN 36" BENDING RADIUS.
- [PROPERLY TERMINATE, CAP AND SPIKE WITH 18" METAL SPIKE W/ 15" DIAMETER FOR FUTURE EXTENSION.

EXTERIOR LIGHTING LUMINAIRE SCHEDULE

TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ WATTAGE	LAMPS/CROSS REFERENCE	MOUNTING	REMARKS
EA		EXTERIOR LED DUAL-HEAD FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-P8-50K-T2M-XVOLT-SPA-XX NO SUBSTITUTIONS	480 VOLT	LED 5000K MIN 50,132LM MAX 448W	POLE MTD 25'-0" AFG	
EA1		EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *DSX2 LED-P8-50K-T2M-XVOLT-SPA-XX NO SUBSTITUTIONS	480 VOLT	LED 5000K MIN 49,336LM MAX 448W	POLE MTD 25'-0" AFG	
EB		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA *WST-P1-50K-VF-277-XX OR APPROVED EQUAL HUBBELL *TRP SERIES MCGRAW *S8 SERIES	277 VOLT	LED 5000K MIN 1500LM MAX 14W	WALL MTD ABV. DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EB1		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA *WST-P1-50K-VF-277-XX OR APPROVED EQUAL HUBBELL *TRP SERIES MCGRAW *S8 SERIES	277 VOLT	LED 5000K MIN 1500LM MAX 14W	WALL MTD ABV. DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EB2		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	LITHONIA *WST-P1-50K-VF-277-XX OR APPROVED EQUAL HUBBELL *TRP SERIES MCGRAW *S8 SERIES	277 VOLT	LED 5000K MIN 1500LM MAX 14W	WALL MTD ABV. DOOR OR AS NOTED	-VERIFY FINISH WITH ARCHITECT.
EC	○	LED 6" DOWNLIGHT WITH TRIM FINISH TO BE SELECTED BY ARCHITECT	LITHONIA *LDN6-50-15-LO6-XX-L98-MVOLT-EZ1 LITELISTRY*LTR-6RD-H-8L15L-DM1-LTR-6RD-T-8L-50K8-MD-S HALO *HC6ISDO10 / HM612850 / 6IMDHLF	277 VOLT	LED 5000K MAX 18W MIN 1500LM	RECESSED CANOPY MOUNTED -	-VERIFY TRIM FINISH WITH ARCHITECT

AD-1

LIGHTING FIXTURE GENERAL NOTES

1. INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.
2. PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE. PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, FEEDS, SINGLE AND DUAL CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS. PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS.
3. SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
4. EXTERIOR LIGHTING POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE ALUMINUM POLES WITH CAST BASE COVERS AND VIBRATION DAMPENERS. THE POLES SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT AT 100 MPH WIND WITH A 1.3 GUST FACTOR. MINIMUM POLE SIZE TO BE 5" SQUARE. PROVIDE ADDITIONAL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
5. FOR EXTERIOR POLE MOUNTED LIGHTING, PROVIDE FACTORY MOUNTED HOUSE SIDE SHIELDS INTEGRAL TO THE FIXTURE AS SPECIFIED. ADDITIONALLY, PROVIDE CUSTOM FABRICATED POLE MOUNTED HOUSE SIDE SHIELDING AS REQUIRED TO CONTROL LIGHT TRESPASS AND COMPLY WITH LOCAL REQUIREMENTS.
6. CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER. PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYPSUM CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
7. VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
8. FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING.
9. PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
10. COORDINATE LOCATIONS OF INTERIOR AND EXTERIOR LIGHTING FIXTURES WITH FINAL ARCHITECTURAL DRAWINGS. FIXTURES THAT ARE NOT INSTALLED IN THE CORRECT LOCATION SHALL BE RELOCATED AND REINSTALLED IN THE CORRECT LOCATION AT NO ADDITIONAL CHARGE.
11. FIXTURES SHALL BE PROVIDED WITH ESCUTCHEON PLATES AS REQUIRED TO COVER EXISTING HOLES FROM REMOVED FIXTURES. CANOPY CEILING AROUND NEW FIXTURES SHALL BE REFINISHED TO MATCH EXISTING SURROUNDING CANOPY CEILING SURFACES.
12. PROVIDE 5000K COLOR TEMPERATURE IN SPECIAL EDUCATION SPACES AS SPECIFIED.
13. FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES. EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANUFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.
14. EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER. IF THE PRODUCT SUBMITTED DURING THE REVIEW PROCESS IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
15. CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
16. APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KBA LIGHTING (630.307.6955), FORCE CHICAGO (312.986.1515) OR PG ENLIGHTEN (847.228.1199).
17. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

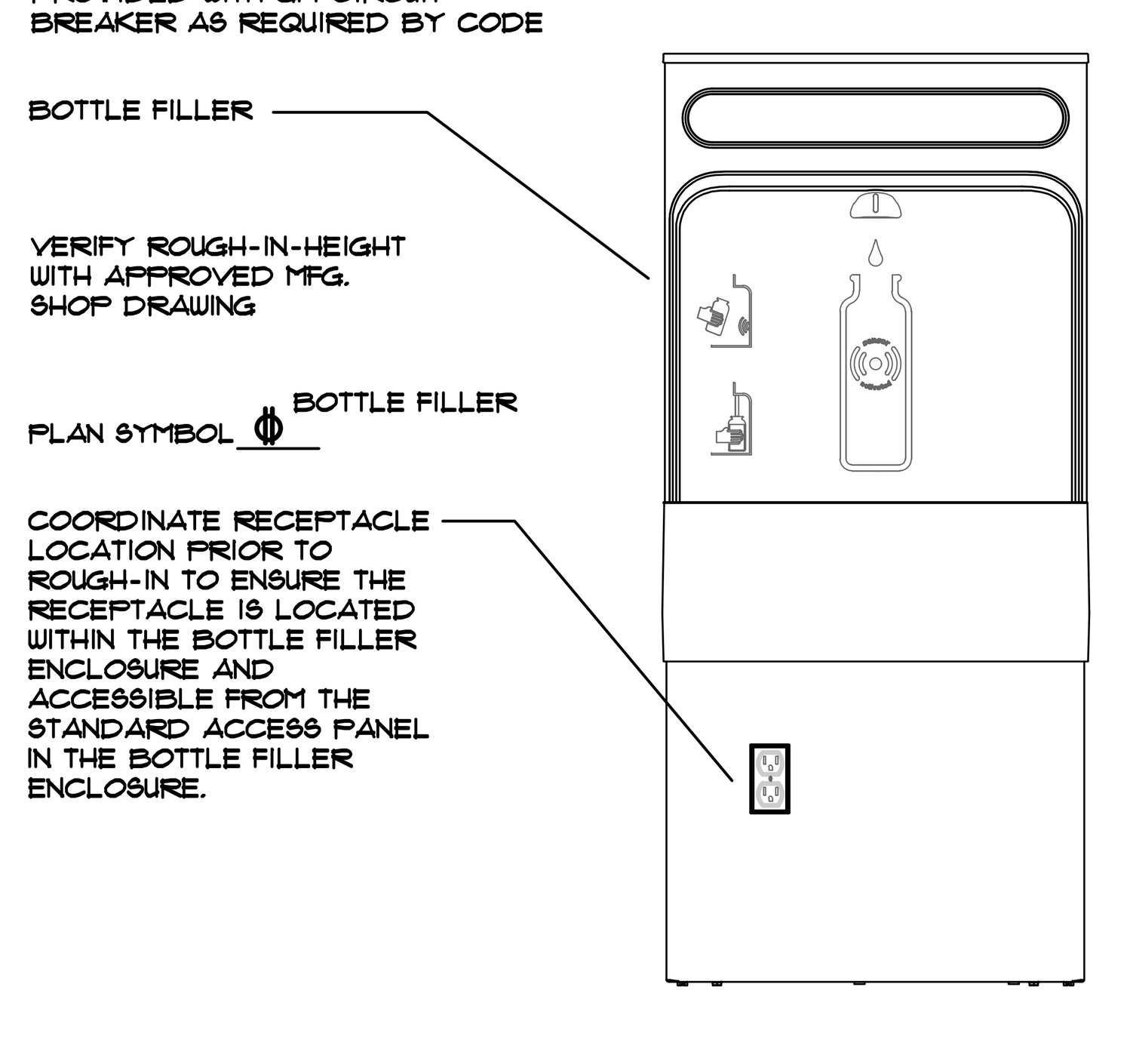
DRAWING
ELECTRICAL SCHEDULES, NOTES, DIAGRAMS & DETAILS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

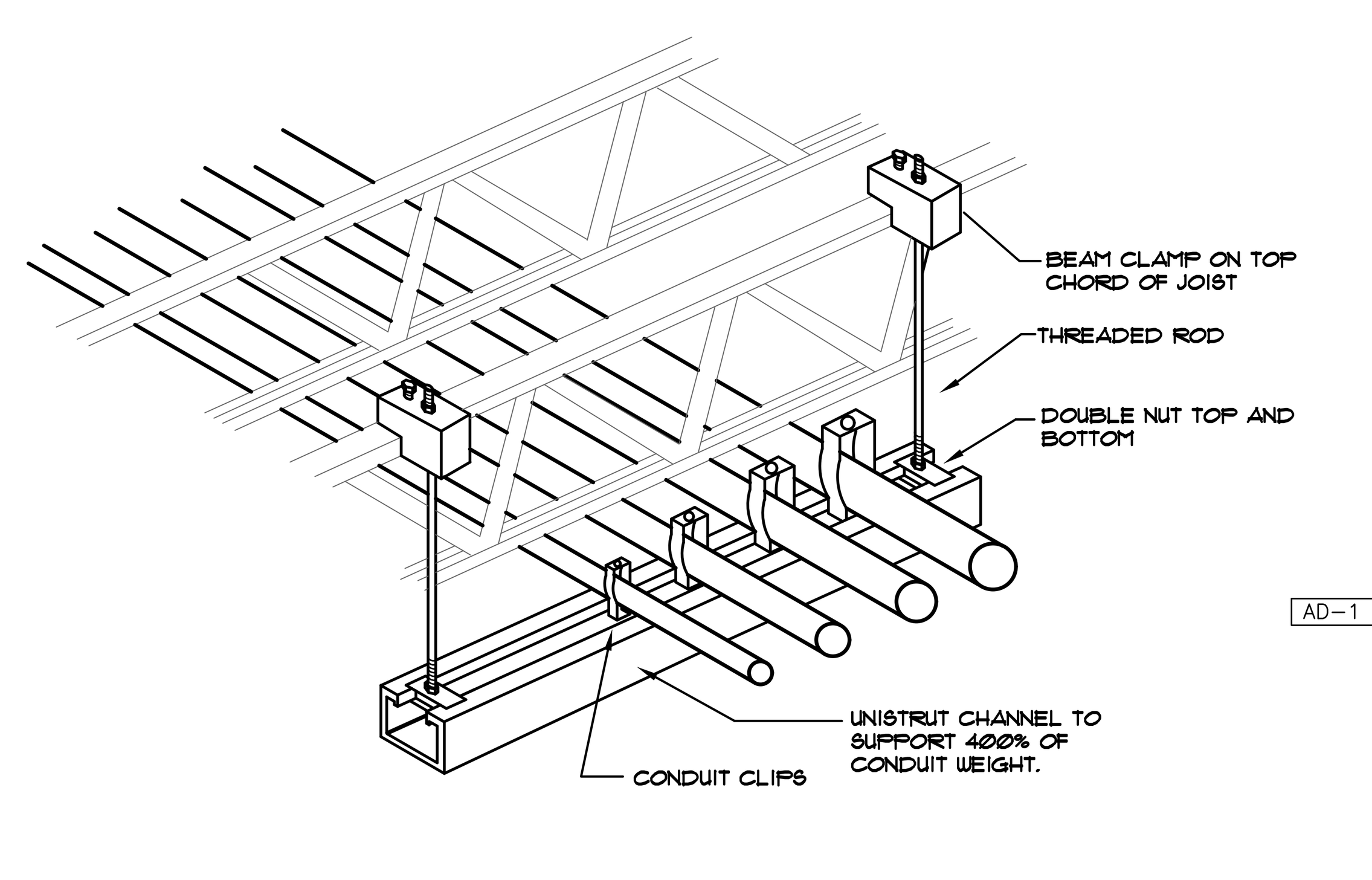
SHEET
E-503

BOTTLE FILLER WIRING DETAIL

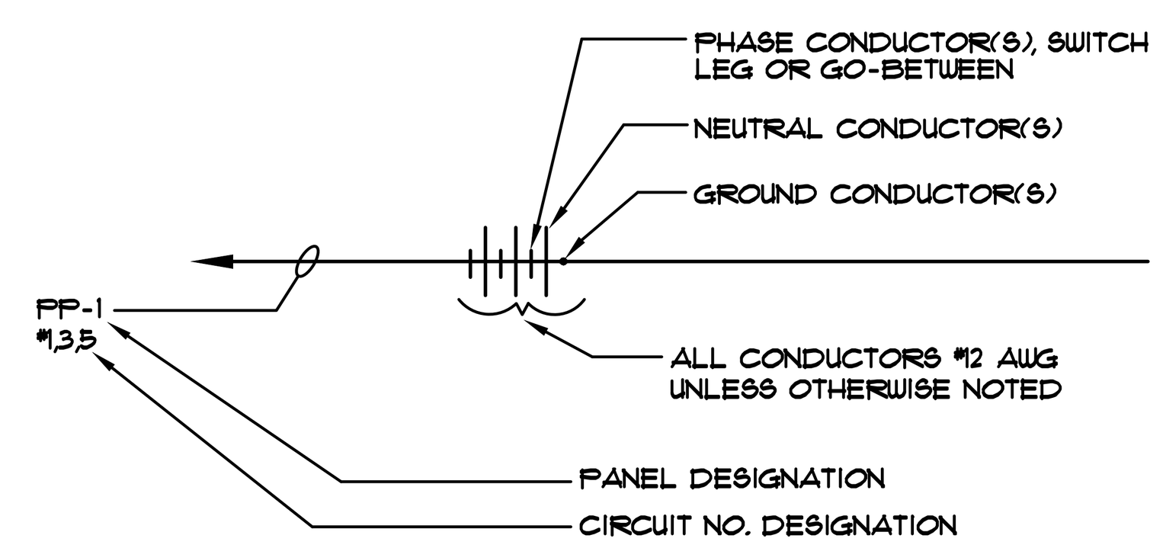
(NTS)



2 1/2" AND LARGER CONDUIT SUPPORT DETAIL

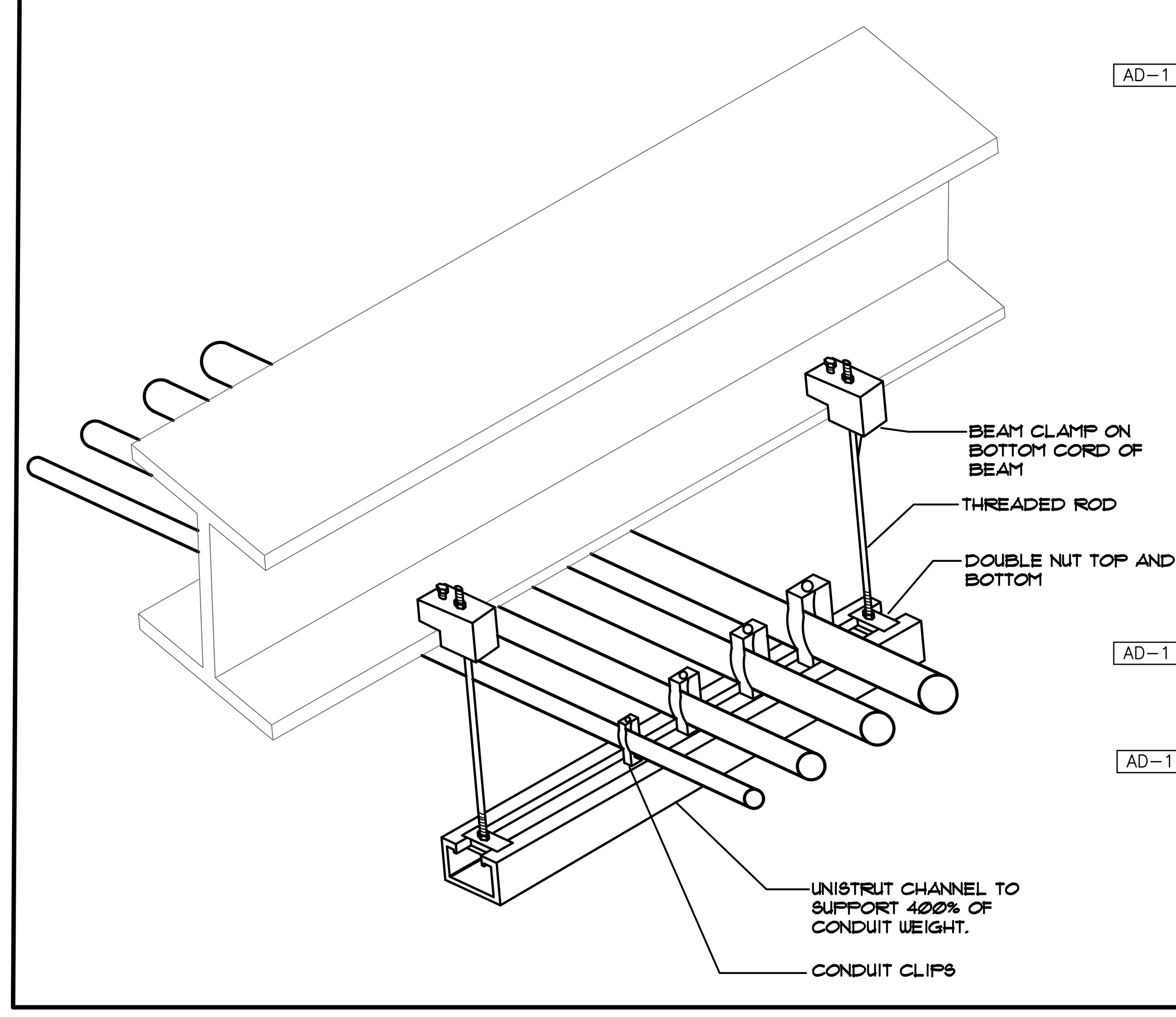


KEY TO ELECTRICAL CIRCUIT WIRING



NOTES:
1. ALL WIRING SHALL BE #12 AWG, UNLESS OTHERWISE NOTED.
2. MINIMUM CONDUIT SIZE SHALL BE ¾" EXCEPT FOR THREE (3) WIRES OR LESS, OR CONTROL WIRING WITHIN BUILDINGS, WHICH MAY BE ½" CONDUIT.
3. ½" FLEXSTEEL, GREENFIELD OR SEALITE SHALL BE THE MINIMUM SIZE INSTALLED.

2 1/2" AND LARGER CONDUIT SUPPORT DETAIL



INTERIOR LIGHTING LUMINAIRE SCHEDULE

TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
AA		2' X 4' LED LENSED TROFFER FIXTURE	LITHONIA #2GTL4-40L-GZ10-LP840 METALUX #24GR SERIES COLUMBIA #LJT24 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 32 W MIN 4000 LM	RECESSED LAY-IN	- - - -
AA1		2' X 4' LED LENSED TROFFER FIXTURE	LITHONIA #2GTL4-48L-GZ10-LP840 METALUX #24GR SERIES COLUMBIA #LJT24 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	- - - -
AA2		2' X 4' LED LENSED TROFFER FIXTURE	LITHONIA #2GTL4-60L-GZ10-LP840 METALUX #24GR SERIES COLUMBIA #LJT24 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 48 W MIN 6000 LM	RECESSED LAY-IN	- - - -
AA3		2' X 4' LED LENSED TROFFER FIXTURE	LITHONIA #2GTL4-48L-GZ10-LP850 METALUX #24GR SERIES COLUMBIA #LJT24 SERIES	120/277 VOLT 0-10V DIM - -	LED 5000K MAX 38 W MIN 4800 LM	RECESSED LAY-IN	- - - -
AB		2' X 2' LED LENSED TROFFER FIXTURE	LITHONIA #2GTL2-48L-GZ10-LP840 METALUX #22GR SERIES COLUMBIA #LJT22 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K CRI +85 MIN 4800 LM	RECESSED LAY-IN	- - - -
AB1		2' X 2' LED LENSED TROFFER FIXTURE	LITHONIA #2GTL2-40L-GZ10-LP840 METALUX #22GR SERIES COLUMBIA #LJT22 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K CRI +85 MIN 4000 LM	RECESSED LAY-IN	- - - -
AC		2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA #2GTL4-88L-RW-A19INV-MVOLT-SLD-LP840-ABC METALUX #24GR SERIES COLUMBIA #LJT24 SERIES	120/277 VOLT BI-LEVEL SWITCHING -	LED 4000K CRI +85 MIN 8800 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING - -
AD		1' X 4' LED LENSED TROFFER FIXTURE	LITHONIA #GTL4-40L-GZ10-LP840 METALUX #14GR SERIES COLUMBIA #LJT14 SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 38 W MIN 4000 LM	RECESSED LAY-IN	- - - -
CA		6" DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, & WHITE FLANGE	LITHONIA #LDN6-40-15-LO6-AR-LSS-MVOLT -EZ10-XX PRESCOLITE #LTR SERIES PORTFOLIO #LD6B SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 18 W MIN 1500 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT
CB		4" DIAMETER LED SHOWER DOWNLIGHT	GOTHAM #EVO4SH-40/10-DFF-SMO-MVOLT-EZ10 OR APPROVED EQUAL	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 9 W MIN 1000 LM	RECESSED LAY-IN/ DRYWALL	-VERIFY TRIM FINISH WITH ARCHITECT -WET LOCATION
FA		LED 4" WIDE CONTINUOUS LINEAR SLOT FIXTURE	MARK #SL4L LOP xFT FLP TG 80CRI 40K 800LMF MINI MVOLT OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000 K MIN 800LM/FT MAX 8W/FT	RECESSED LAY-IN/ DRYWALL	-PROVIDE LENGTHS AS SHOWN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT -COORDINATE EMERGENCY CIRCUITS AND SWITCHING WITH PLANS
FB		LINEAR LED FIXTURE FOR DISPLAY CASE WITH 45 DEGREE EXTRUSION AND CONTINUOUS LENGTHS AS SHOWN	OPTIC ARTS #LL72-HO-41K-X-X-X-X-X OR APPROVED EQUAL PROVIDE WITH POWER SUPPLIES AND ALL ACCESSORIES AS REQUIRED	120/277 VOLT 0-10V DIM - -	LED 4000K MAX 4.8W/FT MIN 440 LM/FT	SURFACE	-VERIFY FINISH WITH ARCHITECT -COORDINATE MOUNTING WITH CASEWORK
PA		4', LED INDUSTRIAL FIXTURE WITH WIREGUARD AND SAFETY CHAINS	LITHONIA #CLX-L48-7000LM-SEF-FDL-MVOLT -GZ10-40K-80CRI-XX-XX METALUX #SNLED SERIES COLUMBIA #MPS SERIES	120/277 VOLT 0-10V DIM -	LED 4000K MAX 49W MIN 7000 LM	'Y' CHAIN SUSPEND -	-COORD LOCATIONS WITH DUCTWORK & PIPING
PB		LED HIGH BAY FIXTURE WITH WIREGUARD AND SAFETY CABLE	LITHONIA #IBG-24L-SEF-AFL-GND-MVOLT-GZ10-40K-80CRI-WGX-XX-XX COLUMBIA #PEL4 SERIES METALUX #OHB SERIES	120/277 VOLT 0-10V DIM - -	LED 4000K CRI +85 MIN 24000 LM	CABLE MTD 6" ABOVE BOTTOM OF STRUCTURE	-PROVIDE WIREGUARD AND SAFETY CABLE - -
PC		LED 4" WIDE CONTINUOUS DIRECT/INDIRECT PENDANT FIXTURE	MARK #S4LID xFT MSLx 80CRI 40K 400LMF I80CRI I40K I1000LMF MINI SCT MVOLT WHT FI/36A RDCY WHTCY WCRD OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000 K MIN 1200LM/FT MAX 12W/FT	SUSPENDED VERIFY W/ ARCHITECT -	-PROVIDE LENGTHS AS SHOWN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT - -
PD		4" SUSPENDED LED CYLINDER WITH RGB COLOR CHANGING	METEOR #AS4-50-308C-UNV-DMX-60-XX-STD-ST4 OR APPROVED EQUAL	120/277 VOLT DMX -	LED RGBW 50W	SUSPENDED 48" STEM - -	-VERIFY FINISH WITH ARCHITECT -COORDINATE LOCATION WITH ARENA BELOW
PE		LED 4" WIDE CONTINUOUS DIRECT/INDIRECT PENDANT FIXTURE - CONFERENCE ROOMS	MARK S4LID xFT MSLx 80CRI 40K 400LMF I80CRI I40K I400LMF MINI SCT MVOLT WHT FI/36A RDCY WHTCY WCRD OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000 K MIN 800LM/FT MAX 15W/FT	SUSPENDED VERIFY W/ ARCHITECT -	-PROVIDE LENGTHS AS SHOWN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT - -
PF		LED 4" WIDE CONTINUOUS DIRECT/INDIRECT PENDANT FIXTURE - CLERESTORY	MARK S4LID xFT MSLx 80CRI 40K 400LMF I80CRI I40K I1000LMF MINI SCT MVOLT WHT FI/36A RDCY WHTCY WCRD OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000K MIN1000LM/FT MAX 50W	SUSPENDED VERIFY W/ ARCHITECT -	-PROVIDE LENGTHS AS SHOWN ON DRAWINGS -VERIFY FINISH WITH ARCHITECT - -
PG		SUSPENDED LED CYLINDER PENDANT	VISA #CP1542-L40-H-MVOLT-XX-XX OR APPROVED EQUAL	120/277 VOLT 0-10V DIM -	LED 4000K MIN 1700LMT MAX 16W	SUSPENDED VERIFY W/ ARCHITECT -	-VERIFY FINISH WITH ARCHITECT - -
XA		SINGLE FACE EXIT, RED LETTERING, BLACK FINISH, AC ONLY	DUAL-LITE #SE-S-R-B LITHONIA #LE-S-X-1-R-ELN-X OR APPROVED EQUAL BY SURE-LITES	120 VOLT - - -	LED MAX 3W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
XB		DUAL FACE EXIT, RED LETTERING, BLACK FINISH, AC ONLY	DUAL-LITE #SE-D-R-B LITHONIA #LE-S-2-R OR APPROVED EQUAL BY SURE-LITES	120 VOLT - - -	LED MAX 3W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED
XC		EXTERIOR TWIN HEAD EMERGENCY LIGHT	LITHONIA #ELMRW-SP640L-XX-T OR APPROVED EQUAL	120 VOLT - - -	LED MAX 7W - -	CEILING/ WALL - -	-VERIFY FINISH WITH ARCHITECT
EM		FIXTURE ON EMERGENCY LIFE SAFETY GENERATOR CIRCUIT WITH UL924 BYPASSES AS REQUIRED	-	120/277 VOLT	-	IN FIXTURE/ REMOTE	-PROVIDE TEST SWITCH AND CHARGING INDICATOR
NL		CONSTANT HOT, UNSWITCHED NIGHT LIGHT FIXTURE					

AD-1

GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES ENGINEERING GROUP

PROJECT

CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL SCHEDULES, DETAILS AND DIAGRAMS

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
E-504

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH C/B	FEEDER		STARTER BY:		LOCATION	REMARKS
		WATTS	HP	MCA	FLA	AMPS							CABLE	C	MC.	EC.		
C-1	INTERIOR WATER COOLED CHILLER	562181	-	677	-	-	1200	480	3	MSB-1	-	1200A/3P	(3 SETS) 4 #600MCM & 1 #3/0 GRD.		X	-	-	-
C-2	INTERIOR WATER COOLED CHILLER	562181	-	677	-	-	1200	480	3	MSB-1	-	1200A/3P	(3 SETS) 4 #600MCM & 1 #3/0 GRD.		X	-	-	-
CT-1	COOLING TOWER	28234	25	-	-	-	-	480	3	PP10	#1-3-5	80A/3P	4 #3 & 1 #8 GRD.	1 1/4"	X	-	-	-
CT-2	COOLING TOWER	28234	25	-	-	-	-	480	3	PP11	#1-3-5	80A/3P	4 #3 & 1 #8 GRD.	1 1/4"	X	-	-	-
CFS-1	COOLING TOWER FLUSH SYSTEM	22421	20	-	-	-	-	480	3	PP10	#7-9-11	70A/3P	4 #4 & 1 #8 GRD.	1 1/4"	X	-	-	-
B-1	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PP10A	#1-3-5	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-2	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PP10A	#7-9-11	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-3	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PP10	#19-21-23	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-4	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PP10	#25-27-29	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-5	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PP11	#13-15-17	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-6	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PP11	#19-21-23	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-7	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PP11	#25-27-29	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
B-8	GAS FIRED BOILER	5647	-	-	7	-	10	480	3	PP11	#31-33-35	15A/3P	4 #12 & 1 #10 GRD.	3/4"	X	-	-	-
AH S-25	INT CENTRAL STATION AIR HANDLING UNIT -	33216	-	-	40	-	90	480	3	PA20A	#1-3-5	90A/3P	4 #2 & 1 #8 GRD.	1 1/4"	X	-	-	-
	HOT WATER HEATING / CHILLED WATER COOLING - VAV	17438	-	-	21	-	45	480	3	PA20	#1-3-5	45A/3P	4 #6 & 1 #8 GRD	1"	X	-	-	-
AH S-26	INT CENTRAL STATION AIR HANDLING UNIT -	33216	-	-	40	-	90	480	3	PA20A	#2-4-6	90A/3P	4 #2 & 1 #8 GRD.	1 1/4"	X	-	-	-
	HOT WATER HEATING / CHILLED WATER COOLING - VAV	17438	-	-	21	-	45	480	3	PA20	#2-4-6	45A/3P	4 #6 & 1 #8 GRD	1"	X	-	-	-
AH S-27	INT CENTRAL STATION AIR HANDLING UNIT -	33216	-	-	40	-	90	480	3	PT20A	#2-4-6	90A/3P	4 #2 & 1 #8 GRD.	1 1/4"	X	-	-	-
	HOT WATER HEATING / CHILLED WATER COLING - SZVAV	17438	-	-	21	-	45	480	3	PT20	#2-4-6	45A/3P	4 #6 & 1 #8 GRD	1"	X	-	-	-
	INT CENTRAL STATION AIR HANDLING UNIT -	7349	-	-	9	-	15	480	3	PT20	#8-10-12	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
AH S-28	HOT WATER HEATING	6809	-	-	8	-	15	480	3	PT20A	#1-3-5	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
	WITH ENERGY RECOVERY - CAV	548	-	-	1	-	15	480	3	PT20	#1-3-5	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-1	FAN COIL	2009	-	10	-	-	15	208	1	EX. LC12	1-3	15A/2P	3 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-2	FAN COIL	2009	-	10	-	-	15	208	1	EX. LC12	5-7	15A/2P	3 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-3	FAN COIL	2009	-	10	-	-	15	208	1	EX. LD12	3-5	15A/2P	3 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-4	FAN COIL	2009	-	10	-	-	15	208	1	EX. LD12	15-17	15A/2P	3 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-5	FAN COIL	3418	-	10	-	-	15	208	3	KP-1	55-57-59	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-6	FAN COIL	3418	-	10	-	-	15	208	3	KP-1	56-58-60	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-7	FAN COIL	1080	-	3	-	-	15	208	3	EX. LL11	-	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-8	FAN COIL	1080	-	3	-	-	15	208	3	LA-21	49-51-53	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
FC-9	FAN COIL	1080	-	3	-	-	15	208	3	LA-20	55-57-59	15A/3P	4 #12 & 1 #12 GRD.	3/4"	X	-	-	-
CH-1	CABINET HEATER	125	-	-	1	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
CH-2	CABINET HEATER	208	-	-	1	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
CH-3	CABINET HEATER	62	-	-	0	-	-	120	1	VARIES	VARIES	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
UH-1	UNIT HEATER	216	-	2	-	-	15	120	1	VARIES	VARIES	15A/2P	3 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-1	TOILET EXHAUST FAN	1175	1/2	-	-	-	-	120	1	LA22	9	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-2	TOILET EXHAUST FAN	1175	1/2	-	-	-	-	120	1	LA22	8	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-3	TOILET EXHAUST FAN	1175	1/2	-	-	-	-	120	1	LA22	2	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-4	TOILET EXHAUST FAN	1175	1/2	-	-	-	-	120	1	LA22	4	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-5	TOILET EXHAUST FAN	1175	1/2	-	-	-	-	120	1	LA22	6	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-6	TOILET EXHAUST FAN	696	1/4	-	-	-	-	120	1	LD21	45	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-7	TOILET EXHAUST FAN	528	1/6	-	-	-	-	120	1	LD21	49	20A/1P	2 #12 & 1 #12 GRD.	3/4"	X	-	-	-
TEF-8	TOILET EXHAUST FAN	1176	1/4	-	-	-	-	120	1	LD21	39	20A/1P	2 #12 & 1 #10 GRD.	3/4"	X	-	-	-
GEF-1	GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	11	30A/1P	2 #10 & 1 #10 GRD.	3/4"	X	-	-	-
GEF-2	GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	15	30A/1P	2 #10 & 1 #10 GRD.	3/4"	X	-	-	-
GEF-3	GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	17	30A/1P	2 #10 & 1 #10 GRD.	3/4"	X	-	-	-
GEF-4	GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	LA22	18	30A/1P	2 #10 & 1 #10 GRD.	3/4"	X	-	-	-
GEF-5	GENERAL EXHAUST FAN	696	1/4	-	-	-	-	120	1	LA22	13	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-6	GENERAL EXHAUST FAN	696	1/4	-	-	-	-	120	1	LA22	16	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-7	GENERAL EXHAUST FAN	696	1/4	-	-	-	-	120	1	LA22	14	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-8	GENERAL EXHAUST FAN	528	1/6	-	-	-	-	120	1	-	-	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-9	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	LD21	43	25A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	-
GEF-10	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	LD21	47	25A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	-
GEF-11	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	LD21	51	25A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	-
GEF-12	GENERAL EXHAUST FAN	1920	1	-	-	-	-	120	1	KP-1	64	30A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X	-	-
GEF-13	GENERAL EXHAUST FAN	1176	1/2	-	-	-	-	120	1	KP-1	66	20A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-14	GENERAL EXHAUST FAN	528	1/6	-	-	-	-	120	1	LD21	55	15A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	-
GEF-15	GENERAL EXHAUST FAN	528	1/6	-	-	-	-	120	1	LD21	53	15A/1P	2 #12 & 1 #12 GRD.	3/4"	-	X		
GEF-16	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	LD21	57	25A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X		
GEF-17	GENERAL EXHAUST FAN	1656	3/4	-	-	-	-	120	1	LD21	59	25A/1P	2 #10 & 1 #10 GRD.	3/4"	-	X		

AD-1

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES ENGINEERING GROUP

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
E-602

PUMP EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER		STARTER BY:		LOCATION	REMARKS
		WATTS	HP	MCA	FLA	AMPS						C/B	CABLE	C	MC.	EC.		
HWP-1	HOT WATER DISTRIBUTION PUMP	7878	7.5	-	-	-	-	480	3	PP1Ø	#2-4-6	125A/3P	4 #1/0 & 1 #6 GRD.	2"	X	-	-	-
HWP-2	HOT WATER DISTRIBUTION PUMP	7878	7.5	-	-	-	-	480	3	PP11	#2-4-6	125A/3P	4 #1/0 & 1 #6 GRD.	2"	X	-	-	-
HWP-1G	HOT WATER DISTRIBUTION PUMP - FOR EM. GENERATOR	2242	2Ø	-	-	-	-	480	3	PP1ØA	#14-16-18	7ØA/3P	4 #4 & 1 #8 GRD.	1 1/4"	X	-	-	-
CWP-1	CHILLED WATER DISTRIBUTION PUMP	6394	6Ø	-	-	-	-	480	3	PP1Ø	#8-10-12	11ØA/3P	4 #1 & 1 #6 GRD.	1 1/2"	X	-	-	-
CWP-2	CHILLED WATER DISTRIBUTION PUMP	6394	6Ø	-	-	-	-	480	3	PP11	#8-10-12	11ØA/3P	4 #1 & 1 #6 GRD.	1 1/2"	X	-	-	-
BIP-1	BOILER RECIRCULATION PUMP (B-1)	1743	1.5	-	-	-	-	480	3	PP1ØA	#2-4-6	5ØA/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-2	BOILER RECIRCULATION PUMP (B-2)	1743	1.5	-	-	-	-	480	3	PP1ØA	#8-10-12	5ØA/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-3	BOILER RECIRCULATION PUMP (B-3)	1743	1.5	-	-	-	-	480	3	PP1Ø	#14-16-18	5ØA/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-4	BOILER RECIRCULATION PUMP (B-4)	1743	1.5	-	-	-	-	480	3	PP1Ø	#10-22-24	5ØA/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-5	BOILER RECIRCULATION PUMP (B-5)	1743	1.5	-	-	-	-	480	3	PP11	#14-16-18	5ØA/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-6	BOILER RECIRCULATION PUMP (B-6)	1743	1.5	-	-	-	-	480	3	PP11	#10-22-24	5ØA/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-7	BOILER RECIRCULATION PUMP (B-7)	1743	1.5	-	-	-	-	480	3	PP11	#26-28-30	5ØA/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
BIP-8	BOILER RECIRCULATION PUMP (B-8)	1743	1.5	-	-	-	-	480	3	PP11	#32-34-36	5ØA/3P	4 #6 & 1 #10 GRD.	1"	X	-	-	-
CTP-1	COOLING TOWER PUMP	3321	3Ø	-	-	-	-	480	3	PP1Ø	#13-17-19	9ØA/3P	4 #2 & 1 #8 GRD.	1 1/4"	X	-	-	-
CTP-2	COOLING TOWER PUMP	3321	3Ø	-	-	-	-	480	3	PP11	#1-9-11	9ØA/3P	4 #2 & 1 #8 GRD.	1 1/4"	X	-	-	-

AD-1

NEW PANEL KP-1

TOTAL KW: 141.Ø | ENCLOSURE: NEMA-1 | PHASE: 3Ø | VOLTAGE: 12Ø / 2Ø8
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: **** AIC | MLO(AMPS): 6ØØ
FEEDER: 2 SETS - 4 #35Ø MCM & 1 #1 GRD. - 2½"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.	LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
			45Ø			1 2	12ØØ			2Ø	1	
#22 DISPOSAL				45Ø		3 4		12ØØ				#3 COMPRESSOR
		3			45Ø	5 6			12ØØ		3	
	1Ø		672Ø			7 8	14ØØ			2Ø	1	#56 FRIDGE
#23 DISH WASHER				672Ø		9 1Ø		75Ø		15		#57 HEATED CAB.
		3			672Ø	11 12			75Ø		2	
#6 FREEZER	2Ø	1	12ØØ			13 14	75Ø			15		#57 HEATED CAB.
#1 COOLER	2Ø	1		18ØØ		15 16		75Ø			2	
#2 COIL	2Ø	1			6ØØ	17 18			75Ø	15		#57 HEATED CAB.
	15		45Ø			19 2Ø	75Ø				2	
#3 DISPOSAL				45Ø		21 22		75Ø		15		#57 HEATED CAB.
		3			45Ø	23 24			75Ø		2	
#1 RECEPTACLE	3Ø		24ØØ			25 26	18ØØ			2Ø		
		2		24ØØ		27 28		18ØØ				#6 HOLD CAB.
#1 RECEPTACLE	2Ø	1			18ØØ	29 3Ø			18ØØ		3	
#4 COMBI	2Ø	1	18ØØ			31 32	16ØØ			2Ø	1	#47 FRIDGE
#2 COMBI	2Ø	1		18ØØ		33 34		18ØØ		2Ø	1	#46 COUNTER
#2 COMBI	2Ø	1			18ØØ	35 36			12ØØ	2Ø	1	#48 BREATH GUARD
SPARE	2Ø	1				37 38	15ØØ			2Ø		#49 COLD WELL
SPARE	2Ø	1				39 4Ø		15ØØ			2	
#4 COMBI	2Ø	1			18ØØ	41 42			15ØØ	2Ø		#49 COLD WELL
#35 / #40 FRIDGE	2Ø	1	9ØØ			43 44	15ØØ				2	
#39 COFFEE	4Ø			3Ø16		45 46		4ØØ		15		#50 DROP IN
		2			3Ø16	47 48			4ØØ		2	
#41 EXPRESSO	4Ø		32ØØ			49 5Ø	1ØØØ			2Ø	1	#51 BR#44 FRIDGE
		2		32ØØ		51 52		18ØØ		2Ø	1	#43 BLENDER
SPARE	2Ø	1				53 54			18ØØ	2Ø	1	#43 BLENDER
	15		114Ø			55 56	114Ø			15		
FC-5				114Ø		57 58		114Ø				FC-6
		3			114Ø	59 6Ø			VMD			
	7.44Ø					61 62	4ØØ			2Ø	1	REC - ROOF
COMBI #2	1ØØ	3		7.44Ø		63 64		192Ø		3Ø	1	GEF-12
					7.44Ø	65 66			111.6	2Ø	1	GEF-13
	7.44Ø					67 68						SPACE
COMBI #2	1ØØ	3		7.44Ø		69 7Ø						SPACE
					7.44Ø	71 72						SPACE
			33140	35856	32656		13Ø4Ø	138.1Ø	12466			

AD-1

A= 46,18Ø
B= 49,666
C= 45,122
TOTAL= 14Ø,968

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

NEW PANEL KP-2

TOTAL KW: 1Ø6.8 | ENCLOSURE: NEMA-1 | PHASE: 3Ø | VOLTAGE: 12Ø / 2Ø8
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: **** AIC | MLO(AMPS): 4ØØ
FEEDER: 4 #5ØØMCM & 1 #3 GRD. - 3"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.	LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
#60 COUNTER	2Ø	1	18ØØ			1 2	12ØØ			2Ø	1	#55 DROP-IN BREAT
#61 COLD WELL	2Ø			14ØØ		3 4		14ØØ		2Ø		#58 HTD MERCH.
		2			14ØØ	5 6			14ØØ		2	
#62 BREATH GUARD	2Ø	1	6ØØ			7 8	12ØØ			2Ø	1	#14 DROP-IN
#63 DROP IN HEATED	2Ø	1		13ØØ		9 1Ø		15ØØ		2Ø		#18 DROP-IN
#11 PANINI	15				12ØØ	11 12			15ØØ		2	
		2	12Ø			13 14	6ØØ			2Ø	1	#17 BREATH GUARD
#11 PANINI	15			12ØØ		15 16		16ØØ		2Ø	1	#16 COUNTER
		2			12ØØ	17 18			1ØØØ	2Ø	1	#30 FRIDGE
#12 PANINI	2Ø		12ØØ			19 2Ø	12ØØ			2Ø		#38 FRIDGE
		2		12Ø		21 22		12ØØ			2	
#12 PANINI	2Ø				12ØØ	23 24			1ØØØ	2Ø	1	#30 FRIDGE
		2	12ØØ			25 26	12ØØ			2Ø		#37 FRIDGE
#45 POS	2Ø	1		16ØØ		27 28		12ØØ			2	
#45 POS	2Ø	1			16ØØ	29 3Ø			3ØØ	15		#36 HOT WELL
#35 POS	2Ø	1	16ØØ			31 32	3ØØ				2	
#35 POS	2Ø	1		16ØØ		33 34		14ØØ		2Ø	1	#33 BREATH&4 FROST
#35 POS	2Ø	1			16ØØ	35 36			632Ø	8Ø		#36 COMBI
CONV. OUTLET	2Ø	1	4ØØ			37 38	632Ø				2	
CONV. OUTLET	2Ø	1		4ØØ		39 4Ø		9ØØ		2Ø	1	#51 UC FRIDGE
CONV. OUTLET	2Ø	1			4ØØ	41 42			18ØØ	2Ø	1	ICE MAKER #31
CONV. OUTLET	2Ø	1	4ØØ			43 44	9ØØ			2Ø	1	#52 UC FRIDGE
CONV. OUTLET	2Ø	1		4ØØ		45 46				2Ø	1	SPARE
CONV. OUTLET	2Ø	1			4ØØ	47 48				2Ø	1	SPARE
CONV. OUTLET	2Ø	1	4ØØ			49 5Ø	7.44Ø					
CONV. OUTLET	2Ø	1		4ØØ		51 52		7.44Ø		1ØØ	3	COMBI #4
CONV. OUTLET	2Ø	1			4ØØ	53 54			7.44Ø			
CONV. OUTLET	2Ø	1	4ØØ			55 56	7.44Ø					
CONV. OUTLET	2Ø	1		4ØØ		57 58		7.44Ø		1ØØ	3	COMBI #4
CONV. OUTLET	2Ø	1			4ØØ	59 6Ø			7.44Ø			
			812Ø	8Ø2Ø	9ØØØ		27ØØØ	24ØØØ	282ØØ			

A= 35,92Ø
B= 32,3ØØ
C= 38,ØØØ
TOTAL= 1Ø6,82Ø

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

AD-1

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD					MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER		STARTER BY:		LOCATION	REMARKS
		WATTS	HP	MCA	FLA	AMPS						C/B	CABLE	C	MC.	EC.		
HEF-1	HOOD EXHAUST FAN	192Ø	1	-	-	-	-	12Ø	1	LA22	19	3ØA/1P	2 #1Ø & 1 #1Ø GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-2	HOOD EXHAUST FAN	192Ø	1	-	-	-	-	12Ø	1	LA22	23	3ØA/1P	2 #1Ø & 1 #1Ø GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-3	HOOD EXHAUST FAN	192Ø	1	-	-	-	-	12Ø	1	LA22	31	3ØA/1P	2 #1Ø & 1 #1Ø GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-4	HOOD EXHAUST FAN	192Ø	1	-	-	-	-	12Ø	1	LA22	33	3ØA/1P	2 #1Ø & 1 #1Ø GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-5	HOOD EXHAUST FAN	192Ø	1	-	-	-	-	12Ø	1	LD21	42	3ØA/1P	2 #1Ø & 1 #1Ø GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-6	HOOD EXHAUST FAN	192Ø	1	-	-	-	-	12Ø	1	LD21	46	3ØA/1P	2 #1Ø & 1 #1Ø GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-7	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	12Ø	1	LA22	21	2ØA/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-8	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	12Ø	1	LA22	25	2ØA/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-9	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	12Ø	1	LA22	25	2ØA/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-1Ø	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	12Ø	1	LA22	29	2ØA/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-11	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	12Ø	1	LD21	44	2ØA/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
HEF-12	HOOD EXHAUST FAN	1176	1/2	-	-	-	-	12Ø	1	LD21	48	2ØA/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA TOGGLE SWITCH IN ASSOC. HOOD
DEF-1	DRYER EXHAUST FAN	88	-	-	-	1	-	12Ø	1	EX. LC1Ø	22	2ØA/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA DRYER INTERLOCK CONTROLS
DEF-2	DRYER EXHAUST FAN	88	-	-	-	1	-	12Ø	1	EX. LC1Ø	22	2ØA/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA DRYER INTERLOCK CONTROLS
DEF-3	DRYER EXHAUST FAN	88	-	-	-	1	-	12Ø	1	EX. LD1Ø	15	2ØA/1P	2 #12 & 1 #12 GRD.	3/4"	-	X	-	CIRCUIT VIA DRYER INTERLOCK CONTROLS
RHP-1	RADIANT CEILING PANEL	-	-	-	-	-	-	-	-									
AC-1/CU-1	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	52ØØ	-	25	-	-	31	2Ø8	1	-	-	35A/2P	3 #8 & 1 #1Ø GRD.	3/4"	X	-	-	-
AC-2/CU-2	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	52ØØ	-	25	-	-	31	2Ø8	1	-	-	35A/2P	3 #8 & 1 #1Ø GRD.	3/4"	X	-	-	-
AC-3/CU-3	WALL MOUNTED AC UNIT / DX CONDENSING UNIT	52ØØ	-	25	-	-	31	2Ø8	1	-	-	35A/2P	3 #8 & 1 #1Ø GRD.	3/4"	X	-	-	-

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN
MILLIES ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS
FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
E-603

NEW PANEL LA21

TOTAL KW: 42.6	ENCLOSURE: NEMA-1	PHASE: 3φ	VOLTAGE: 120 / 208
MOUNTING: SURFACE	BUSSING: COPPER	FAULT CURRENT RATING: 10,000 *REFI AIC	MLO(AMPS): 225
FEEDER: 4 #4/0 & 1 #4 GRD. - 2 1/2"C.		LOCATION:	

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD Aφ	LOAD Bφ	LOAD Cφ	CCT. NO.	CCT. NO.	LOAD Aφ	LOAD Bφ	LOAD Cφ	C/B TRIP	C/B POLE	LOAD DESCRIPTION
REC - TEACH	20	1	900			1	2	1200			20	1	REC - SCI A-217
REC - CR A-203	20	1		800		3	4		800		20	1	REC - SCI A-217
REC - CR A-203	20	1			800	5	6			1200	20	1	REC - SCI A-217
REC - TEACH	20	1	900			7	8	900			20	1	REC - TEACH A-217
REC - CR A-204	20	1		800		9	10		800		20	1	REC - A-217
REC - CR A-204	20	1			800	11	12			400	20	1	REC - FLR A-217
REC - TEACH A-205	20	1	900			13	14	800			20	1	REC - REEL A-217
REC - CR A-205	20	1		800		15	16		600		20	1	REC - REEL A-217
REC - CR A-205	20	1			800	17	18			1000	20	1	REC - HOOD A-217
REC - TEACH A-206	20	1	900			19	20	1200			20	1	REC - SCI A-218
REC - CR A-206	20	1		800		21	22		1200		20	1	REC - SCI A-218
REC - CR A-206	20	1			800	23	24			1000	20	1	REC - SCI A-218
REC - TEACH A-207	20	1	900			25	26	600			20	1	EEC - REC A-218
REC - CR A-207	20	1		800		27	28		900		20	1	REC - TEACH A-218
REC - CR A-207	20	1			800	29	30			1000	20	1	REC - HOOD A-218
REC - MEN 201-202	20	1	400			31	32	800			20	1	REC- REEL A-218
HANDRYER 201	20	1		1400		33	34		600		20	1	REC- REEL A-218
HANDRYER 201	20	1			1400	35	36			800	20	1	REC- RM A -216
REC - CORR A-223	20	1	1200			37	38	800			20	1	REC - RM A-216
GAS SOL SCI A-217	20	1		800		39	40		1000		20	1	FRIDGE A-216
GAS SOL SCI A-218	20	1			800	41	42			1400	20	1	HANDDRYER A-201
EWC - CORR A-223	20	1	1200			43	44	1600			20	1	REC - ICE A216
EWC - CORR A-223	20	1		1200		45	46				20	1	SPARE
SPARE	20	1				47	48				20	1	SPARE
FC-8	15		360			49	50				20	1	SPARE
				360		51	52				20	1	SPARE
		3			360	53	54				20	1	SPARE
SPACE						55	56						SPACE
SPACE						57	58						SPACE
SPACE						59	60						SPACE
			7660	7760	6560			7900	5900	6800			

A= 15,560
B= 13,660
C= 13,360
TOTAL= 42,580

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

NEW PANEL LA22

TOTAL KW: 31.0	ENCLOSURE: NEMA-1	PHASE: 3φ	VOLTAGE: 120 / 208
MOUNTING: SURFACE	BUSSING: COPPER	FAULT CURRENT RATING: 10,000 AIC	MLO(AMPS): 225
FEEDER: 4 #4/0 & 1 #4 GRD. - 2 1/2"C.		LOCATION:	

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD Aφ	LOAD Bφ	LOAD Cφ	CCT. NO.	CCT. NO.	LOAD Aφ	LOAD Bφ	LOAD Cφ	C/B TRIP	C/B POLE	LOAD DESCRIPTION
TC PANEL	20	1	600			1	2	1175			20	1	TEF-3
REC - ROOF UNIT A	20	1		1000		3	4		1175		20	1	TEF-4
REC - ROOF UNIT A	20	1			600	5	6			1175	20	1	TEF-5
REC - CONV. MEZZ.	20	1	800			7	8	1175			20	1	TEF-2
TEF-1	20	1		1175		9	10						
GEF-1	30	1			1920	11	12						
GEF-5	20	1	696			13	14	696			20	1	GEF-7
GEF-2	30	1		1920		15	16		696		20	1	GEF-6
GEF-3	30	1			1920	17	18			1920	30	1	GEF-4
HEF-1	30	1	1920			19	20				20	1	SPARE
HEF-7	20	1		1176		21	22				20	1	SPARE
HEF-2	30	1			1920	23	24				20	1	SPARE
HEF-8	20	1	1176			25	26				20	1	SPARE
HEF-9	20	1		1176		27	28				20	1	SPARE
HEF-10	20	1			1176	29	30				20	1	SPARE
HEF-3	30	1	1920			31	32						SPACE
HEF-4	30	1		1920		33	34						SPACE
SPARE	20	1				35	36						SPACE
SPACE						37	38						SPACE
SPACE						39	40						SPACE
SPACE						41	42						SPACE
			7112	8367	7536			3046	1871	3095			

A= 10,158
B= 10,238
C= 10,631
TOTAL= 31,027

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

NEW PANEL LD21

TOTAL KW: 60.4	ENCLOSURE: NEMA-1	PHASE: 3φ	VOLTAGE: 120 / 208
MOUNTING: SURFACE	BUSSING: COPPER	FAULT CURRENT RATING: 10,000 AIC	MLO(AMPS): 200
FEEDER: 4 #6 & 1 #6 GRD - 2"C.		LOCATION:	

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD Aφ	LOAD Bφ	LOAD Cφ	CCT. NO.	CCT. NO.	LOAD Aφ	LOAD Bφ	LOAD Cφ	C/B TRIP	C/B POLE	LOAD DESCRIPTION
REC - CORR D-221	20	1	1000			1	2	1200			20	1	REC - SCIENCE F-202
REC - LD D-227	20	1		1000		3	4		1200		20	1	FUME HOOD - F-202
REC - LD D-227	20	1			1200	5	6			1200	20	1	FUME HOOD - F-202
REC - D-229	20	1	800			7	8	800			20	1	GOGGLES - F-202
FRIDGE - D-230	20	1		800		9	10		1000		20	1	REC - SCIENCE F-202
REC - D-230	20	1			800	11	12			1000	20	1	REC - SCIENCE F-202
REC - CNA D-222	20	1	1200			13	14	1000			20	1	REC - SCIENCE F-202
REC - CNA D-222	20	1		800		15	16		800		20	1	GAS SOLENOID F-202
REC - CNA D-222	20	1			800	17	18			1600	20	1	REEL CORD SCI F-202
REC - CNA D-222	20	1	1200			19	20	1200			20	1	REEL CORD SCI F-202
REC - CNA D-222	20	1		1600		21	22		1600		20	1	REEL CORD SCI F-209
REEL - CNA D-222	20	1			1600	23	24			1200	20	1	REEL CORD SCI F-209
REEL - CNA D-222	20	1	1600			25	26	800			20	1	GOGGLES - F-209
REC - PREP D-220	20	1		800		27	28		1200		20	1	FUME HOOD - F-209
FRIDGE - D-220	20	1			800	29	30			1200	20	1	FUME HOOD - F-209
REC - OFFICE D-219	20	1	800			31	32	1200			20	1	REC - SCIENCE F-209
REC - LD D-218	20	1		800		33	34		1000		20	1	REC - SCIENCE F-209
REC - LD D-218	20	1			800	35	36			1000	20	1	REC - SCIENCE F-209
REC - ROOF D/F	20	1	800			37	38	1000			20	1	REC - SCIENCE F-209
TEF-8	20	1		696		39	40		800		20	1	GAS SOLENOID F-209
GEF-13	20	1			1176	41	42			1920	30	1	HEF-5
GEF-9	25	1	1656			43	44	1176			20	1	HEF-11
TEF-6	20	1		696		45	46		1920		30	1	HEF-6
GEF-10	25	1			1656	47	48			1176	20	1	HEF-12
TEF-7	20	1	528			49	50	600			20	1	REC - ROOF
GEF-11	25	1		1656		51	52				20	1	SPARE
GEF-15	15	1			528	53	54				20	1	SPARE
GEF-14	15	1	528			55	56						SPACE
GEF-16	25	1		1656		57	58						SPACE
GEF-17	25	1			1656	59	60						SPACE
			10112	10504	11016			8976	9520	10296			

A= 19,088
B= 20,024
C= 21,312
TOTAL= 60,424

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

NEW PANEL LA10

TOTAL KW: 30.8	ENCLOSURE: NEMA-1	PHASE: 3φ	VOLTAGE: 120 / 208
MOUNTING: SURFACE	BUSSING: COPPER	FAULT CURRENT RATING: 10,000 *REFI AIC	MLO(AMPS): 225
FEEDER: 4 #4/0 & 1 #4 GRD. - 2 1/2"C.		LOCATION:	

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD Aφ	LOAD Bφ	LOAD Cφ	CCT. NO.	CCT. NO.	LOAD Aφ	LOAD Bφ	LOAD Cφ	C/B TRIP	C/B POLE	LOAD DESCRIPTION
TEACH CR A-104	20	1	900			1	2	900			20	1	REC - TEACH A-124
REC - CR A-104	20	1		800		3	4		800		20	1	REC - A-124
REC - CR A-104	20	1			800	5	6			800	20	1	REC - A-124
REC - TEACH A-105	20	1	900			7	8	900			20	1	REC - TEACH A-125
REC - CR A-105	20	1		800		9	10		800		20	1	REC - A-125
REC - CR A-105	20	1			800	11	12			800	20	1	REC - A-125
REC - TEACH A-106	20	1	900			13	14	900			20	1	REC - TEACH A-128
REC - CR A-106	20	1		800		15	16		800		20	1	REC - A-128
REC - CR A-106	20	1			800	17	18			800	20	1	REC - A-128
REC - TEACH A-108	20	1	900			19	20	900			20	1	REC - TEACH A-129
REC - CR A-108	20	1		800		21	22		800		20	1	REC - A-129
REC - CR A-108	20	1			800	23	24			800	20	1	REC - A-129
REC - TEACH A-109	20	1	900			25	26	1200			20	1	CORRIDOR A-120
REC - CR A-109	20	1		800		27	28		576		20	1	BOTT FILL. A-20
REC - CR A-109	20	1			800	29	30			576	20	1	BOTT FILL. A-20
HANDRYER 116	20	1	1400			31	32	500			20	1	REC VEST A-112
HANDRYER 116	20	1		1400		33	34		200		20	1	EXTERIOR RECEP.
REC - A-116-117	20	1			400	35	36			1400	20	1	HANDDRYER 116
TC PANEL -A117	20	1	600			37	38				20	1	SPARE
SPARE	20	1				39	40				20	1	SPARE
SPARE	20	1				41	42				20	1	SPARE
			6500	5400	4400			5300	3976	5176			

A= 11,800
B= 9,376
C= 9,576
TOTAL= 30,752

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

NEW PANEL LA11

TOTAL KW: 34.4	ENCLOSURE: NEMA-1	PHASE: 3φ	VOLTAGE: 120 / 208
MOUNTING: SURFACE	BUSSING: COPPER	FAULT CURRENT RATING: 10,000 *REFI AIC	MLO(AMPS): 225
FEEDER: 4 #4/0 & 1 #4 GRD. - 2 1/2"C.		LOCATION:	

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD Aφ	LOAD Bφ	LOAD Cφ	CCT. NO.	CCT. NO.	LOAD Aφ	LOAD Bφ	LOAD Cφ	C/B TRIP	C/B POLE	LOAD DESCRIPTION
REC - TEACH A-104	20	1	900			1	2	900			20	1	REC - TEACH A-122
REC - CR A-104	20	1		800		3	4		800		20	1	REC - A-122
REC - CR A-104	20	1			800	5	6			800	20	1	REC - A-122
REC - TEACH A-105	20	1	900			7	8	900			20	1	REC - TEACH A-123
REC - CR A-105	20	1		800		9	10		800		20	1	REC - A-123
REC - CR A-105	20	1			800	11	12			800	20	1	REC - A-123
REC - TEACH A-106	20	1	900			13	14	900			20	1	REC - TEACH A- 126
REC - CR A-106	20	1		800		15	16		800		20	1	REC - A-126
REC - CR A-106	20	1			800	17	18			800	20	1	REC - A-126
REC - TEACH A-108	20	1	900			19	20	900			20	1	REC - TEACH A-127
REC - CR A-108	20	1		800		21	22		800		20	1	REC - A-127
REC - CR A-108	20	1			800	23	24			800	20	1	REC - A-127
REC - TEACH A-109	20	1	900			25	26	1200			20	1	CORRIDOR A-118
REC - CR A-109	20	1		800		27	28		500		20	1	REC VEST A-107
REC - CR A-109	20	1			800	29	30			400	20	1	EXTERIOR RECEPS
REC - MEN A-103	20	1	600			31	32	576			20	1	BOTT FILL A-118
HANDRYER A-193201	20	1		1400		33	34		576		20	1	BOTT FILL. A-118
HANDRYER A-101	20	1			1400	35	36			1400	20	1	HANDDRYER A-103
CHILLER A-101/102	20	1	1000			37	38				20	1	SPARE
HANDRYER A-101	20	1		1400		39	40				20	1	SPARE
HANDRYER A-102	20	1			1400	41	42				20	1	SPARE
			6100	6800	6800			5376	4276	5000			

A= 11,476
B= 11,076
C= 11,800
TOTAL= 34,352

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

NEW PANEL LA20

TOTAL KW: 55.0	ENCLOSURE: NEMA-1	PHASE: 3φ	VOLTAGE: 120 / 208
MOUNTING: SURFACE	BUSSING: COPPER	FAULT CURRENT RATING: 10,000 AIC	MLO(AMPS): 225
FEEDER: 4 #4/0 & 1 #4 GRD. - 2 1/2"C.		LOCATION:	

DESCRIPTION	C/B TRIP	C/B POLE	LOAD Aφ	LOAD Bφ	LOAD Cφ	CCT. NO.	CCT. NO.	LOAD Aφ	LOAD Bφ	LOAD Cφ	C/B TRIP	C/B POLE	DESCRIPTION
REC - TEACH	20	1	900			1	2	1200			20	1	REC - SCI A-217
REC - CR A-212	20	1		800		3	4		800		20	1	REC - SCI A-217
REC - CR A-212	20	1			800	5	6			1200	20	1	REC - SCI A-217
REC - TEACH A-211	20	1	900			7	8	900			20	1	REC - TEACH A-217
REC - CR A-211	20	1		800		9	10		800		20	1	REC - A-217
REC - CR A-211	20	1			800	11	12			400	20	1	REC FLRBOX A-217
REC - TEACH A-210	20	1	900			13	14	800			20	1	REC - REEL A-217
REC - CR A-210	20	1		800		15	16		600		20	1	REC - REEL A-217
REC - CR A-210	20	1			800	17	18			1000	20	1	REC -HOOD A-217
REC - TEACH A-208	20	1	900			19	20	1200			20	1	REC - SCI A-218
REC - CR A-208	20	1		800		21	22		1200		20	1	REC - SCI A-218
REC - CR A-208	20	1			800	23	24			1000	20	1	REC - SCI A-218
REC - TEACH A-209	20	1	900			25	26	600			20	1	EEC - REC A-218
REC - CR A-209	20	1		800		27	28		900		20	1	REC - TEACH A-218
REC - CR A-209	20	1			800	29	30			1000	20	1	REC - HOOD A-218
REC - MEN 201-202	20	1	400			31	32	800			20	1	REC- REEL A-218
HANDRYER 201	20	1		1400		33	34		600		20	1	REC- REEL A-218
HANDRYER 201	20	1			1400	35	36			800	20	1	REC- RM A -216
REC - COMM B-215	20	1	800			37	38	800			20	1	REC - RM A-216
REC - OFF B-217	20	1		800		39	40		1000		20	1	FRIDGE A-216
REC - OFF B-218	20	1			1000	41	42			800	20	1	REC - CORR A-224
REC - CONF B-219	20	1	800			43	44	800			20	1	REC - CORR A-222
REC - TECH B-214	20	1		800		45	46		1200		20	1	EWC - CORR A-222
TECH CABINET	20	1			1400	47	48			1200	20	1	EWC - CORR A-222
TECH CABINET	25		2400			49	50	800			20	1	GAS SOL - A-220
		2		2400		51	52		800		20	1	GAS SOL -A-221
SPARE	20	1			1600	53	54			1400	20	1	HANDDRYER A-213
FC-9	15		360			55	56	1600			20	1	ICE MAKER A219
				360		57	58				20	1	SPARE
		3			360	59	60				20	1	SPARE
			9260	9760	9760			9500	7900	8800			

A= 18,760
B= 17,660
C= 18,560
TOTAL= 54,980

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

NEW PANEL LT20

TOTAL KW: 2.2	ENCLOSURE: NEMA-1	PHASE: 3φ	VOLTAGE: 120 / 208
MOUNTING: SURFACE	BUSSING: COPPER	FAULT CURRENT RATING: 10,000 AIC	MLO(AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/2"C.		LOCATION:	

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD Aφ	LOAD Bφ	LOAD Cφ	CCT. NO.	CCT. NO.	LOAD Aφ	LOAD Bφ	LOAD Cφ	C/B TRIP	C/B POLE	LOAD DESCRIPTION
REC-AHS27	20	1	200			1	2	1200			20	1	REC - MEZZ T-201
LTG-AHS27	20	1		200		3	4		200		20	1	REC - ROOF 1
REC-AHS28	20	1			200	5	6						
LTG-AHS28	20	1	200			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
SPACE						19	20				20	1	SPARE
SPACE						21	22				20	1	SPARE
SPACE						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
			400	200	200			1200	200	0			

A= 1,600
B= 400
C= 200
TOTAL= 2,200

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

NEW PANEL LT10

TOTAL KW: 45.9	ENCLOSURE: NEMA-1	PHASE: 3φ	VOLTAGE: 120 / 208
MOUNTING: SURFACE	BUSSING: COPPER	FAULT CURRENT RATING: 10,000 AIC	MLO(AMPS): 225
FEEDER: 4 #4/0 & 1 #4 GRD. - 2 1/2"C.		LOCATION:	

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD Aφ	LOAD Bφ	LOAD Cφ	CCT. NO.	CCT. NO.	LOAD Aφ	LOAD Bφ	LOAD Cφ	C/B TRIP	C/B POLE	LOAD DESCRIPTION
REC - GYM	20	1	1200			1	2	800			20	1	SCOREBOARD - GYM
REC - GYM	20	1		1200		3	4		216		20	1	UH-1 - GYM
SPARE	20	1			1200	5	6			400	20	1	REC - GYM EXTERIOR
SOUND CABINET	20	1	1200			7	8	1400			20	1	DRYER - BOYS T-103
SOUND CABINET	20	1		1200		9	10		1400		20	1	DRYER - BOYS T-103
REC - GYM	20	1			1200	11	12			1400	20	1	DRYER - GIRLS T-102
REC - GYM	20	1	1200			13	14	1400			20	1	DRYER - GIRLS T-102
REC - GYM	20	1		1200		15	16		208		20	1	CH-2
REC - GYM	20	1			400	17	18				20	1	SPARE
SOUND CABINET	20	1	1200			19	20	600			20	1	FILLER T-108
SOUND CABINET	20	1		1200		21	22		600		20	1	FILLER T-108
REC - CORR T-105	20	1			1200	23	24			600	20	1	FILLER T-108
REC - BOYS T-103	20	1	1200			25	26	600			20	1	FILLER T-108
REC - GIRLS T-102	20	1		800		27	28		1200		20	1	REC - ELEC/IT T-110
DRYER - GIRLS T-102	20	1			1400	29	30			2400	25		MDF
DRYER - GIRLS T-102	20	1	1400			31	32	2400				2	ELEC/IT T-110
DRYER - BOYS T-103	20	1		1400		33	34		600		20	1	REC - TV WEIGHT RM.
DRYER - BOYS T-103	20	1			1400	35	36			600	20	1	REC - TV WEIGHT RM.
DIVIDER CURTAIN	20		1500			37	38	1400			20	1	DRYER - BOYS T-103
				1500		39	40		1400		20	1	DRYER - GIRLS T-102
		3			1500	41	42			600	20	1	REC - TV CORR T106
			8900	8500	8300			8600	5624	6000			

A= 17,500
B= 14,124
C= 14,300
TOTAL= 45,924

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

NEW PANEL PT20

TOTAL KW: 41.7	ENCLOSURE: NEMA-1	PHASE: 3φ	VOLTAGE: 277 / 480
MOUNTING: SURFACE	BUSSING: COPPER	FAULT CURRENT RATING: 42,000 AIC	MLO(AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/2"C.		LOCATION:	

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD Aφ	LOAD Bφ	LOAD Cφ	CCT. NO.	CCT. NO.	LOAD Aφ	LOAD Bφ	LOAD Cφ	C/B TRIP	C/B POLE	LOAD DESCRIPTION
LTG-N	20	1	1496			1	2	3129			20	1	LTG-EM
LTG-ROWS-1-2	20	1		2460		3	4		3024		20	1	LTG-ROWS-3-5
LTG-ROWS-6-8	20	1			3456	5	6			2356	20	1	LTG-ROWS-9-10
LTG-MEZZANINE	20	1	294			7	8	147			20	1	LTG-EM-MEZZANINE
EXIT SIGNS	20	1		24		9	10				20	1	SPARE
SPARE	20	1				11	12				20	1	SPARE
AH-S-28	15		182			13	14	5812			45		AH-S-27
				182		15	16		5812				
		3			182	17	18			5812		3	
SPACE						19	20	2449			15		AH-S-27
SPACE						21	22		2449				
SPACE						23	24			2449		3	
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
			1972	2666	3638			####	####	####			

A= 13,509
B= 13,951
C= 14,255
TOTAL= 41,715

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

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
E-604

NEW PANEL SA20

TOTAL KW: 13.0 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: RECESSED | BUSSING: COPPER | FAULT CURRENT RATING: 22K AIC | MLO(AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
TV/TEACH B-115	20	1	900			1	2	800			20	1	REC - B-113
REC - B115	20	1		800		3	4		600		20	1	REC B109,110,111A
REC - B115	20	1			600	5	6			1400	20	1	HANDRYER - B-110
TV/TEACH B-111	20	1	900			7	8	1400			20	1	HANDRYER - B-110
REC - B111	20	1		800		9	10		1400		20	1	HANDRYER - B-109
REC - B111	20	1			800	11	12			1400	20	1	HANDRYER - B-109
REC - B-107	20	1	400			13	14	800			20	1	REC - B112
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
SPARE	20	1				27	28				20	1	SPARE
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
			2200	1600	1400			3000	2000	2800			

A= 5,200
B= 3,600
C= 4,200
TOTAL= 13,000

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

AD-1

NEW PANEL PF10

AD-1

TOTAL KW: 351.5 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 65,000 AIC | MLO(AMPS): 600
FEEDER: 2 SETS - 4 #350 MCM & 1 # GRD. - 2½"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
CT-1	80	3	9411	9411	9411	1	2	26572	26572	26572	125	3	HWP-1
						3	4						
						5	6						
CFS-1	70	3	7473	7473	7473	7	8	21313	21313	21313	110	3	CWP-1
						9	10						
						11	12						
CTP-1	90	3	11072	11072	11072	13	14	5812	5812	5812	50	3	BP-3
						15	16						
						17	18						
B-3	15	3	1882	1882	1882	19	20	5812	5812	5812	50	3	BP-4
						21	22						
						23	24						
B-4	15	3	1882	1882	1882	25	26	1330	1330	1330	30	3	EX KEF
						27	28						
						29	30						
* EX EXHAUST FAN	20	3	443	443	443	31	32	831	831	831	20	3	EX KITCHEN FAN
						33	34						
						35	36						
EX KEF	30	3	1330	1330	1330	37	38						SPACE
						39	40						SPACE
						41	42						SPACE
EX DOM BOOSTER	100	3	14410	14410	14410	43	44						SPACE
						45	46						SPACE
						47	48						SPACE
EX COND UNIT	60	3	7593	7593	7593	49	50						SPACE
						51	52						SPACE
						53	54						SPACE
						55	56						SPACE
						57	58						SPACE
						59	60						SPACE
			55496	55496	55496			61670	61670	61670			

A= 117,166
B= 117,166
C= 117,166
TOTAL= 351,498

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

NEW PANEL PF10A

TOTAL KW: 99.9 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 42,000 AIC | MCB(AMPS): 225
FEEDER: 4 #4/0 & 1 #4 GRD. - 2 1/2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
B-1	15	3	1882	1882	1882	1	2	5812	5812	5812	50	3	BP-1
						3	4						
						5	6						
B-2	15	3	1882	1882	1882	7	8	5812	5812	5812	50	3	BP-2
						9	10						
						11	12						
EX COMB AIR FAN	30	3	3879	3879	3879	13	14	7473	7473	7473	70	3	HWP-1G
						15	16						
						17	18						
EX FAN COIL	20	3	581	581	581	19	20						SPACE
						21	22						SPACE
						23	24						SPACE
EX KITCHEN SF	30	3	3879	3879	3879	25	26						SPACE
						27	28						SPACE
						29	30						SPACE
EX ADMIN SF	30	3	2106	2106	2106	31	32						SPACE
						33	34						SPACE
						35	36						SPACE
SPACE						37	38						SPACE
SPACE						39	40						SPACE
SPACE						41	42						SPACE
			14209	14209	14209			19097	19097	19097			

A= 33,306
B= 33,306
C= 33,306
TOTAL= 99,918

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

NEW PANEL PF11

TOTAL KW: 344.7 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 65,000 AIC | MLO(AMPS): 600
FEEDER: 2 SETS - 4 #350 MCM & 1 # GRD. - 2½"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
CT-2	80	3	9411	9411	9411	1	2	26572	26572	26572	125	3	HWP-2
						3	4						
						5	6						
CTP-2	90	3	11072	11072	11072	7	8	21313	21313	21313	110	3	CWP-2
						9	10						
						11	12						
B-5	15	3	1882	1882	1882	13	14	5812	5812	5812	50	3	BP-5
						15	16						
						17	18						
B-6	15	3	1882	1882	1882	19	20	5812	5812	5812	50	3	BP-6
						21	22						
						23	24						
B-7	15	3	1882	1882	1882	25	26	5812	5812	5812	50	3	BP-7
						27	28						
						29	30						
B-8	15	3	1882	1882	1882	31	32	5812	5812	5812	50	3	BP-8
						33	34						
						35	36						
EX IRRIGATION	60	3	7482	7482	7482	37	38	2106	2106	2106	30	3	EX MAU
						39	40						
						41	42						
EX KEF	30	3	1330	1330	1330	43	44	2106	2106	2106	30	3	EX MAU
						45	46						
						47	48						
EX KEF	30	3	1330	1330	1330	49	50	581	581	581	20	3	EX. ADMIN FAN
						51	52						
						53	54						
EX EXHAUST FAN	20	3	831	831	831	55	56						SPACE
						57	58						SPACE
						59	60						SPACE
			38984	38984	38984			75926	75926	75926			

A= 114,910
B= 114,910
C= 114,910
TOTAL= 344,730

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

NEW PANEL PA20A

TOTAL KW: 40.0 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 42,000 AIC | MCB(AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
AH-8-28	15	3	2269	2269	2269	1	2	11072	11072	11072	90	3	AH-8-27
						3	4						
						5	6						
SPACE						7	8						SPACE
SPACE						9	10						SPACE
SPACE						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
			2269	2269	2269			11072	11072	11072			

A= 13,341
B= 13,341
C= 13,341
TOTAL= 40,023

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

NEW PANEL PT20A

TOTAL KW: 66.4 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 42,000 AIC | MCB(AMPS): 200
FEEDER: 4 #3/0 & 1 #6 GRD. - 2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
	90		11072			1	2	11072			90		
AH-8-25				11072		3	4		11072				AH-8-26
		3			11072	5	6			11072		3	
SPACE						7	8						SPACE
SPACE						9	10						SPACE
SPACE						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
			11072	11072	11072			11072	11072	11072			

A= 22,144
B= 22,144
C= 22,144
TOTAL= 66,432

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

NEW PANEL LF10

TOTAL KW: 36.6 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 120 / 208
MOUNTING: RECESSED | BUSSING: COPPER | FAULT CURRENT RATING: 22K AIC | MLO(AMPS): 200
FEEDER: 3 #3/0 & 1 #6 GRD. - 2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
TC PANEL-STOR F106	20	1	600			1	2	1200			20	1	REC - OFFICE F150
REC - NURSE AREA	20	1		1000		3	4		1000		20	1	REC - TEAM F148
REC - NURSE BED5	20	1			1200	5	6			1200	20	1	REC - PRINTER
REC - NURSE OFFICE	20	1	1000			7	8	800			20	1	REC - DESK5 F141/F144
REC - EXAM RM.	20	1		800		9	10		1200		20	1	REC - CONV. - F144/F146
REC - TEAM F147	20	1			1000	11	12			1000	20	1	REC - P SEC F138
REC - TEAM F145	20	1	1000			13	14	800			20	1	REC - DESK/TV - F140
REC - TEAM F143	20	1		1000		15	16		1200		20	1	REC - CONV. - F140
REC - TEAM F139	20	1			1000	17	18			1000	20	1	REC - TEAM F136
REC - TEAM F137	20	1	1000			19	20	1000			20	1	REC - TEAM F134
REC - TEAM F135	20	1		1000		21	22		1000		20	1	REC - TEAM F133
REC - CONV. PASS FI	20	1			1000	23	24			1200	20	1	REC - TEAM F132/D130
REC - CONV. LGI D105	20	1	1200			25	26	1000			20	1	REC - TEAM F131
REC - CONV. LGI D105	20	1		1200		27	28		600		20	1	REC - CONV. F128
REC - CONV. LGI D105	20	1			1000	29	30			1200	20	1	REC - PRINTER F128
REC - TV LGI D105	20	1	600			31	32	600			20	1	REC - CONV. F129
REC - DESK LGI D105	20	1		400		33	34		1500		20		REC - COPIER F129
SPARE	20	1				35	36			1500	2		
SPARE	20	1				37	38	600			20	1	REC - NURSE CTR.
SPARE	20	1				39	40		1000		20	1	REC - NURSE FRIDGE
SPARE	20	1				41	42				20	1	SPARE
			5400	5400	5200			6000	7500	7100			

A= 11,400
B= 12,900
C= 12,300
TOTAL= 36,600

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

NEW PANEL PA20

TOTAL KW: 34.9 | ENCLOSURE: NEMA-1 | PHASE: 3Φ | VOLTAGE: 277 / 480
MOUNTING: SURFACE | BUSSING: COPPER | FAULT CURRENT RATING: 22,000 AIC | MLO(AMPS): 100
FEEDER: 4 #2 & 1 #8 GRD. - 1 1/2"C. | LOCATION:

LOAD DESCRIPTION	C/B TRIP	C/B POLE	LOAD A	LOAD B	LOAD C	CCT. NO.		LOAD A	LOAD B	LOAD C	C/B TRIP	C/B POLE	LOAD DESCRIPTION
	45		5812			1	2	5812			45		
AH-8-25				5812		3	4		5812				AH-8-26
		3			5812	5	6			5812		3	
SPACE						7	8						SPACE
SPACE						9	10						SPACE
SPACE						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
			5812	5812	5812			5812	5812	5812			

A= 11,624
B= 11,624
C= 11,624
TOTAL= 34,872

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

AD-1

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

MILLIES
ENGINEERING GROUP
(219) 924-8400
www.milliesengineeringgroup.com

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

FOR:
CROWN POINT COMMUNITY SCHOOL CORPORATION
CROWN POINT, INDIANA

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

PROJECT 21-111
DATE 10/11/21
COORDINATED BY SM
DRAWN BY EO/CC/JM
CHECKED BY DJ

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

REVISIONS

MARK	DATE	ISSUED FOR
AD-1	10/22/21	ADDENDUM NO. 1

DRAWING
ELECTRICAL SCHEDULES

PROJECT
CROWN POINT HIGH SCHOOL ADDITIONS AND RENOVATIONS

SHEET
E-605