

# ADDENDUM NO. 1

**April 29, 2022**

**NEW ADMINISTRATION CENTER, ALTERNATE EDUCATION AND  
RESOURCE CENTER AND RELATED WORK PROJECT  
Crown Point, IN 46307**

**TO: ALL BIDDERS OF RECORD**

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated April 15, 2022 by Gibraltar Design. Acknowledge receipt of the Addendum in the space provided on the Bid Form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of Pages ADD 1-1 through ADD 1-2 and attached Addendum No. 1 from Gibraltar Design dated April 28, 2022 and consisting of 3 pages, Specification Section 09 66 23 - Thin-Set Epoxy Terrazzo, and 17 drawings.

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

**1. Add:**

Specification Section 09 66 23 - Thin-Set Epoxy Terrazzo

**2. Delete:**

Specification Section 12 25 00 - Roller Shades

**B. SPECIFICATION SECTION 00 31 00 - INDIANA BID FORM**

**1. Replace:**

Specification Section 00 31 00 - Indiana Bid Form with the attached revised Bid Form



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

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

**1. Delete:**

Specification Section 12 25 00 - Roller Shades

**2. BID CATEGORY NO. 7 - HARD TILE**

**1. Add:**

Specification Section 09 66 23 - Thin-Set Epoxy Terrazzo

Note: The extent of finishes required will be clarified in an upcoming addendum.

**D. SPECIFICATION SECTION 01 23 00 - ALTERNATES**

**1. Revise:**

- C. ALTERNATE NO. 3: State the cost to provide horizontal blinds in each window unit, sized per window width and height. **Base Bid:** No Window Treatments.

**2. Add:**

- K. ALTERNATE NO. 11: State the cost to provide Thin-Set Epoxy Terrazzo as indicated on Finish Plans. **Base Bid:** Leave Base Finish as indicated in Room Finish Legend.

Note: The extent of finishes required will be clarified in an upcoming addendum.



**CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96**

Format (Revised 2013)  
(Amended for CPCSC)

**New Administration Center, Alternate Education  
and Resource Center and Related Work Project**  
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, *New Administration Center, Alternate Education and Resource Center and Related Work Project*, in accordance with Plans and Specifications prepared by *Gibraltar Design, Inc., 9102 N. Meridian Street, 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 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 (if applicable)

I, the undersigned bidder, Nor 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 – Sidewalk Along Northwest Side of the Site

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_) ADD  
(sum in figures) DEDUCT

Alternate Bid No. 2 – New Concrete Ramp on South Entrance to Alternative Education Building

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_) ADD  
(sum in figures) DEDUCT

Alternate Bid No. 3 – Horizontal Blinds in Each Window Unit

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_) ADD  
(sum in figures) DEDUCT

Alternate Bid No. 4 – Schneider Electric Controls by Precision Controls

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_) ADD  
(sum in figures) DEDUCT

Alternate Bid No. 5 – Boilers Manufactured by Camus

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$\_\_\_\_\_) ADD  
(sum in figures) DEDUCT



Alternate Bid No. 6 – Chiller Manufactured by Trane

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$) \_\_\_\_\_  
(sum in figures) ADD  
DEDUCT

Alternate Bid No. 7 – Air Handling Units Manufactured by Trane

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$) \_\_\_\_\_  
(sum in figures) ADD  
DEDUCT

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

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$) \_\_\_\_\_  
(sum in figures) ADD  
DEDUCT

Alternate Bid No. 9 – Fire Alarm System by Simplex/JCI

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$) \_\_\_\_\_  
(sum in figures) ADD  
DEDUCT

Alternate Bid No. 10 – New Pole Bases, Poles, Lighting Fixture Heads, and Final Electrical Connections

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$) \_\_\_\_\_  
(sum in figures) ADD  
DEDUCT

Alternate Bid No. 11 – Thin-Set Epoxy Terrazzo

Change the Base Bid the sum of \_\_\_\_\_  
(sum in words)  
\_\_\_\_\_ DOLLARS (\$) \_\_\_\_\_  
(sum in figures) ADD  
DEDUCT



## 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?

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

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## 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.)

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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.

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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 require 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.

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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.

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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.

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### **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 for **New Administration Center, Alternative Education and Resource Center and Related Work** for Crown Point Community School Corporation, Crown Point, Indiana.

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

## SPECIFICATIONS

- 1. Specification Section 00 01 10                      Table of Contents**
  - A. Add Specification Section 09 66 23, Thin-Set Epoxy Terrazzo to Division 9 of the Table of Contents.
  - B. Delete Specification Section 12 25 00, Roller Shades, from Division 12 of the Table of Contents.
- 2. Specification Section 05 50 00                      Miscellaneous Metals**
  - A. Revise the end of Paragraph 3.3.H. to read: " Provide all steel framing and steel channel jambs required for the gates at the mechanical equipment yard."
  - B. Add new Paragraph 3.3.H.1.d. to read: "d. Provide additional cable cantilever support for Yard Gates as required for design support requirements on length and weight of gate leaf and minimize deflection of gate."
- 3. Specification Section 09 66 23                      Thin-Set Epoxy Terrazzo**
  - A. Add Specification Section 09 66 23, Thin-Set Epoxy Terrazzo, included in this addendum.
- 4. Specification Section 10 75 00                      Flagpoles**
  - A. Revise portion of Paragraph 2.2.A. to read: "A. Dimensions: Exposed Length: 30'-0" for center pole and 27'-0" for other two poles; Total Length: 33'-0" for center pole, and 30'-0" for other two poles, the remainder of other text remains unchanged."
  - B. Add new Paragraph 2.2.C. to read: "C. Total number of Poles: three (3)."
- 5. Specification Section 12 25 00                      Roller Shades**
  - A. Delete Specification Section 12 25 00, Roller Shades, in its entirety.

## DRAWINGS

- 1. Sheet G-201**
  - A. Refer to revised, full size drawing, included in this Addendum, for updated plumbing chart revisions.



**2. Sheet C-105**

- A. Refer to revised, full size drawing, included in this Addendum, for the following revisions:
1. Add heavy duty pavement section detail.
  2. Revised proposed pavement at receiving lot and east administration parking lot to be heavy duty pavement.
  3. Revised barrier curb along sidewalk east of administration building to be depressed barrier curb.
  4. Revised dumpster enclosure area to include masonry enclosure with gate; revised curb along enclosure.
  5. Revised mechanical yard enclosure.

**3. Sheet C-108**

- A. Refer to revised, full size drawing, included in this Addendum, for the following revisions:
1. Administration Building East Lot: Revised west edge of pavement to be flush with proposed sidewalk grade.
  2. Revised grading around trash enclosure.

**4. Sheet C-111**

- A. Refer to revised, full size drawing, included in this Addendum, for the following revisions:
1. Revised ADA Parking Layout.
  2. Added parking space typical dimensions.

**5. Sheet C-115**

- A. Refer to revised, full size drawing, included in this Addendum, for the following revisions:
1. Add "CDS3035-6-C-707498-10 Hydrodynamic Separator" detail.
  2. Add "Frame and Cover Notes" section regarding the hydrodynamic separator structure castings to be used.

**6. Sheet A-201, A-301 and A-302**

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

**7. Sheets A-601, A-701, A-702, A-901 and A-902**

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

**8. Sheet MP-101**

- A. Refer to revised, full size drawing, included in this Addendum, for revised pipe size to UH-1 and UH-2.

**9. Sheet M-501**

- A. Refer to revised, full size drawing, included in this Addendum, for Updated UH-1 and UH-2 heating data.



**10. Sheet M-601**

- A. Refer to revised, full size drawing, included in this Addendum, for updated expansion tank information.

**11. Sheet FP-001**

- A. Refer to revised, full size drawing, included in this Addendum, for addition of "Enlarged Data Head End Plan – Fire Protection".

Pages 1 through 3, inclusive, Specification Section 09 66 23, and Seventeen (17) Full-Size Drawings, constitute the total makeup of **Addendum One**.

**GIBRALTAR**

DESIGN

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# SECTION 09 66 23

## THIN-SET EPOXY TERRAZZO

### 1 General

#### 1.1 Section Includes

- A. Thin-set epoxy matrix terrazzo floor, curb, border, and base.
- B. Precast stair landings, treads, and risers.
- C. Divider strips.
- D. Curing, grinding, and sealing.
- E. Vitrification of all terrazzo surfaces.

#### 1.2 Products Installed But Not Furnished Under This Section

- A. Section 05 50 00 - Miscellaneous Metals: Building joint devices.

#### 1.3 Related Sections

- A. Section 03 30 00 - Concrete: Concrete subfloor.

#### 1.4 References

- A. ASTM C150 - Portland Cement.
- B. ASTM F1869: Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.
- C. NTMA - National Terrazzo and Mosaic Association, Inc.

#### 1.5 Qualifications

- A. Installer: Company specializing in plastic matrix terrazzo applications with five (5) years experience and a certified member of the National Terrazzo and Mosaic Association, Inc.

#### 1.6 Submittals

- A. Submit shop drawings under provisions of Division 1.
  - 1. Indicate divider strip, recessed floor mats, control joint, and expansion joint layout.
  - 2. Coordinate control joint locations with Architect.



- B. Submit samples under provisions of Division 1.
  - 1. Submit two samples of each color selected, 6 inches by 6 inches in size, illustrating color, chip size and variation, and mortar color.

### **1.7 Maintenance Data**

- A. Submit cleaning and maintenance data under provisions of Division 1.
- B. Include procedures for stain removal, stripping, sealing, and waxing.

### **1.8 Delivery, Storage, And Handling**

- A. Deliver products to site under provisions of Division 1.
- B. Store and protect products under provisions of Division 1.
- C. Store resin materials in a dry, secure area.
- D. Maintain minimum temperature of 55 degrees F.
- E. Keep products away from fire or open flame.

### **1.9 Environmental Requirements**

- A. Do not install terrazzo when temperature is below 50 degrees F or above 90 degrees F.
- B. Maintain this temperature range, 24 hours before, during, and 72 hours after installation of flooring.
- C. Ventilate area where flooring is being installed.
  - 1. Post and enforce NO SMOKING OR OPEN FLAME signs until flooring has cured.
- D. Provide uniform lighting of 15 foot candles measured at area of installation.
- E. Moisture vapor emission content of the concrete slab must not exceed manufacturer's recommended criteria when using the calcium chloride test as per ASTM F1869.

## **2 Products**

### **2.1 Materials**

- A. Epoxy Binder: Two component resin and epoxy hardener, non-volatile, thermo-setting, mineral filler, and color pigment.
- B. Surface Aggregate: Intent is to match existing aggregates. See Drawings for details and patterns and Finish Legend.

### **2.2 Accessories**

- A. Divider Strips: 1/8 inch thick zinc top strip, zinc coated steel bottom strip, with anchoring features.



- B. Control Joint Strips: 1/8 inch nominal width, zinc top strip, zinc coated steel bottom strip, 1/8 inch wide neoprene filler strip between side strips, with anchoring features.
- C. Base Caps, Base Divider Strips, and Separator Strips: Match divider strips.
- D. Precast Terrazzo Treads and Risers: Fabricate treads and riser components to match the existing treads and risers on the stair system.
  - 1. Acceptable Manufacturers: Wausau Tile, Rothschild, Wisconsin, or approved equal.
  - 2. Provide in full width of stair tread and riser, E31 Style as manufactured by Wausau Tile.
  - 3. Color matrix is to match Floor terrazzo system.
- E. Precast Terrazzo Base: Fabricate bases to not less than 1 inch thick; not more than 4 feet long; with same appearance as adjacent floor.
  - 1. Provide divider strip to match field dividers, anchored to toe during casting to protect edges during handling.
  - 2. Color matrix to match Floor terrazzo system.
- F. Strip Height: To suit thickness of terrazzo topping, with allowance for grinding.
- G. Cleaner: Neutralizing liquid type, pH of 7.
- H. Sealer: Deco-Rez Acrylic Sealer 4501 as manufactured by General Polymers Corporation, Fairfield, Ohio, or approved equal.
- I. Crack Isolation Membrane: Epo-Flex 3556 A-B flexible epoxy membrane as manufactured by General Polymers, Cincinnati, Ohio or Flexguard 258 as manufactured by TEC Incorporated, Palatine, Illinois.
  - 1. Install at all apparent fractures in existing concrete floor construction.
  - 2. Install at all epoxy terrazzo floor locations.
- J. Chemical Materials:
  - 1. Provide the following chemical materials.
    - a. Seal and finish stripping product may be any low or non-alkaline stripper normally used for stripping seal and finish from terrazzo floors.
    - b. Vitrifying (Crystallizing) Chemicals:
      - 1) EcoLab, Inc, St. Paul, MN
      - 2) National Chemical Laboratories Inc, Philadelphia, PA



c. Polysiloxane Penetrant Seal:

- 1) Invincible as manufactured by Innovative Technologies International, Inc., Indianapolis, Indiana.
- 2) Stand Off SLX100 seal as manufactured by ProSoCo, Kansas City, Kansas.
- 3) Sealer's Choice as manufactured by Aqua Mix, Santa Fe Springs, California (used at heavier coating rates than the above two products to be comparable).

## **2.3 Mixes**

- A. Topping: Three parts aggregate chips; one part aggregate dust; one part matrix binder and hardener.

1. Colors: Refer to Finish Legend.

## **3 Execution**

### **3.1 Examination**

- A. Verify that surfaces or substrate are ready to receive work and field measurements are as shown on Drawings.
- B. Do not begin terrazzo work until concrete substrate has cured 28 days, minimum.
- C. Beginning of installation means acceptance of existing surfaces or substrate.

### **3.2 Protection**

- A. Protect elements surrounding the work of this Section from damage or disfigurement.

### **3.3 Preparation**

- A. Clean substrate of foreign matter.
- B. Grind and clean substrate of foreign matter that would impair epoxy terrazzo bond, including oil, grease, curing compounds, and adhesive.
- C. Blast track or mechanically abrade existing concrete substrate.
1. Shot-blast surfaces with an apparatus that abrades the concrete surface, contains the dispensed shot within the apparatus, and recirculates the shot by vacuum pickup.
- D. Apply slurry coat to substrate.

### **3.4 Installation - Accessories**

- A. Saw cut underbed to install divider and control joint strips.



- B. Install divider and control joint strips straight and level to locations indicated.
- C. Install base and border divider and control joint strips to match floor pattern.

### **3.5 Installation - Terrazzo**

- A. Place terrazzo matrix and aggregate over prepared substrate to a minimum thickness of 3/8 inch.

### **3.6 Installation - Base**

- A. Flush Vertical Base: 3/8 inch minimum topping on underbed bonded to wall.
  - 1. Total minimum thickness of 3/4 inch.

### **3.7 Installation - Stairs**

- A. Precast Terrazzo on Stairs, and Risers – install per manufacturers recommendations and instructions.

### **3.8 Curing**

- A. Cure terrazzo topping by sheet polyethylene curing method.
- B. Barricade area to allow undisturbed curing.

### **3.9 Surface Finishing**

- A. Complete grinding of terrazzo surfaces prior to other finished work.
- B. Architect/Construction Manager reserves approval of type and manner of grinder.
  - 1. Diamond plates which pull marble chips from the surface will not be approved.
- C. Finish terrazzo to NTMA requirements.
- D. Produce terrazzo to match approved sample with 70 percent chip exposed.
- E. Grind terrazzo surfaces with power disc machine; sequence with coarse to fine grit abrasive, using wet method.
- F. Apply patch mix to match mortar over ground surface to fill honeycomb exposed during grinding.
- G. Remove patch coat by grinding, using a fine grit abrasive.
- H. Hand grind base, cove, and inaccessible areas.
- I. Chemical Application and Vitrification:
  - 1. Chemically strip any existing sealer or finish coating from the terrazzo floor surface.



2. Hone the terrazzo floor surface with Nos. 30, 60, and 120 stone or diamond grits.
3. Skim coat all existing chips, pits, and stress cracks under 1/4 inch as required, with Portland cement grout (ASTM C150) color matched to the existing cement matrix.
4. Cut out stress cracks over 1/4 inch and patch with new terrazzo. Cure skim coat for 24 hours.
5. Apply two applications of polysiloxane (hydrophobic and oleophobic) penetrating seal in accordance with the manufacturer's instructions; including the 24 hour cure time between applications.
6. Hone terrazzo floor surface with Nos. 200 and 400 stone or diamond grit.
7. Polish the terrazzo floor surface with Nos. 600 and 800 stone or diamond grit and polishing powder (5X).
8. Apply three (3) layers of vitrification (crystallization) to the terrazzo floor surface creating a calcium fluoride lattice structure not less than 2 microns in thickness.

J. Field Quality Control:

1. The complete stripping of any sealer and finish may be determined by black light inspection. If over 10 percent of the area stripped indicates stronger fluorescence than the remaining area, the entire terrazzo floor surface shall be restripped.
2. The quality standard for honing and polishing is defined as follows:
  - a. The scratches left by the lowest grit stone or diamond shall be removed entirely by the next sequentially higher grit stone or diamond. This is true for all the different number stone or diamond grits specified.
  - b. Certify scratch removal by black light inspection in the presence of the Construction Manager.
  - c. If the lower grit number scratches are detected in the terrazzo floor surface, re-hone and re-polish the surface with a stone or diamond grit number low enough to remove the existing scratches.
3. Skim coat re-grouting with Portland cement grout; demonstrate the following characteristics:
  - a. Be level with the adjacent terrazzo floor surface.
  - b. Color match the adjoining cement matrix of the terrazzo floor surface within acceptable limits.



- c. Have sufficient bond strength to withstand the subsequent honing, polishing, and vitrification procedures without being removed from the terrazzo floor surface.
- 4. The vitrified (crystallized) terrazzo floor surface; exhibit the following physical characteristics:
  - a. Gloss meter reading for a gloss meter that is from 0 to 100.
  - b. There shall be no visually apparent haze or smoke when looking at the vitrified (crystallized) terrazzo floor from a 10 to 20 degree angle.
  - c. The clarity of reflection when viewing an overhead lighting fixture shall be sharp as compared to a diffused or fuzzy image.
  - d. The static coefficient of friction shall be 0.7 or above as measured by the Horizontal Dynamometer Pull Method per ASTM C1028.
  - e. If the vitrified (crystallized) terrazzo floor surface does not comply with the above quality requirements, it shall be revitrified (recrystallized) so that compliance is achieved.
- K. Apply sealer in accordance with manufacturer's recommendations.

### **3.10 Tolerances**

- A. Maximum Variation from Flat Surface: 1/8 inch in 10 feet.
- B. Maximum Variation from Level (Except Surfaces Sloping to Drain): 1/8 inch.
- C. Flood floors at floor drains to verify proper drainage.
- D. Verify at completion, in conjunction with Mechanical Contractor and Architect/Construction Manager, that all floor drains are clear of all debris.

### **3.11 Cleaning**

- A. Scrub and clean terrazzo surfaces with cleaner in accordance with manufacturer's instructions, and let dry.
- B. After completion of work of other trades, clean terrazzo using fine abrasive to remove stains.
  - 1. Dry thoroughly.

### **3.12 Protection**

- A. Protect finished installation under provisions of Division 1.
- B. Do not permit traffic over finished terrazzo surfaces.

## **END OF SECTION**









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

PROJECT:

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

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

## LIFE SAFETY GENERAL NOTE

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

## LIFE SAFETY PLAN LEGEND

DOORS WITH PANIC HARDWARE (PH)

MAJOR EGRESS ROUTES

MAXIMUM OCCUPANT LOAD SERVED BY EXIT

DESIGN OCCUPANT LOAD

ONE HOUR RATED CEILING CONSTRUCTION

BUILDING DOOR NUMBER (VINYL NUMBER)

PLUMBING FIXTURE COUNTS											
USER GROUP	NUMBER OF USERS	USERS PER GENDER	WATER CLOSETS		LAVATORIES		SHOWERS		DRINKING FOUNTAINS		SERVICE SINKS
			REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	REQUIRED	PROVIDED	
STAFF	58	M	2	13	1	11	NA	NA			
		F	2	13	1						
VISITORS	250	M	1	6	2	4	NA	NA	1	2	1
		F	2	6	2	4					2
		M:	3/2	WC/ URINAL							
		F:	5	WC							
		UNISEX:	16	WC							
FAMILY TOILET ROOM UNISEX: ASSEMBLY AREAS - 1 REQUIRED, 3 PROVIDED GENERAL AREAS - 0 REQUIRED, 8 PROVIDED											

## SQUARE FOOTAGE ANALYSIS

FIRST FLOOR	27,477SF
SECOND FLOOR	16,562SF
TOTAL FLOOR AREA	44,039SF
CANOPIES	1,049SF
GRAND TOTAL	45,088SF

## FIRST FLOOR ROOM SCHEDULE

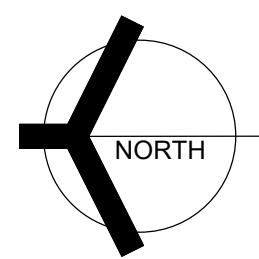
Number	Name
101	VESTIBULE
102	LOBBY
103	FRONT DESK
104	WAITING
105	TABLE / CHAIR
106	MEETING ROOM
107	MEETING ROOM
108	MEETING ROOM
111	PASSAGE
112	UNISEX
113	UNISEX
117	CL
120	STORAGE
121	COLLABORATION
123	DIRECTOR
124	TECH
125	TECH
126	TECH
127	TECH
128	TECH
133	DATA HEAD END
134	PASSAGE
135	PASSAGE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

## SECOND FLOOR ROOM SCHEDULE

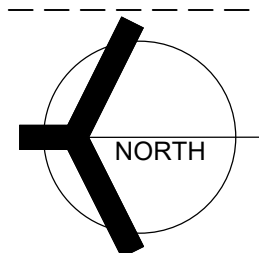
Number	Name
201	PASSAGE
202	CFO
203	OFFICE
204	OFFICE
205	OFFICE
206	OFFICE
207	FINANCE STORAGE
208	SAFE
209	STORAGE
210	ASST. DIR.
211	SEC
212	DIRECTOR
213	ROOM
214	STORAGE
215	WORKROOM
216	PASSAGE
218	ELEVATOR
219	COPY
220	CONFERENCE
221	UNISEX
222	UNISEX
223	IDF
224	BREAKROOM
225	CONFERENCE
226	STAIR
227	PASSAGE
228	UNISEX
229	UNISEX
230	CUST
231	UNISEX
232	ST
233	SUPERINTENDENT
234	ST
235	WAITING
236	SEC
237	SEC
238	CAO
239	DIRECTOR
240	WAITING
241	SEC
242	DIRECTOR
243	SEC
244	DIRECTOR
245	STAIR
246	ST
248	OFFICE
249	OFFICE
250	OFFICE
251	OFFICE
252	OFFICE
253	OFFICE
254	WORK AREA
255	OFFICE
256	OFFICE
257	STORAGE
258	PASSAGE
259	ELEC



## OVERALL ARCHITECTURAL SECOND FLOOR PLAN

3  
G-201 3/32" = 1'-0"

## OVERALL FIRST FLOOR PLAN

1  
G-201 3/32" = 1'-0"Crown Point Administrative Building  
Crown Point, IN  
Code Summary

We have completed our summary of the new Crown Point Administrative Building based upon drawings received February 25, 2022. Our code summary is primarily based on the 2014 edition of the Indiana Building Code (IBC). Our code summary does not include functional design criteria such as pipe, duct, or electrical wire sizes, etc. system capabilities, accessibility and ADA requirements, structural design requirements, or other systems or features not generally covered in chapters 3 through 10 and 34 of the IBC.

<b>Applicable Codes:</b>	2014 Indiana Building Code* 2014 Indiana Fire Code 2014 Indiana Electrical Code 2014 Indiana Mechanical Code 2012 Indiana Plumbing Code 2014 Indiana Fuel Gas Code 2010 Indiana Energy Conservation Code ICC/ANSI A117.1 - 2009 edition *Code referenced unless otherwise noted.
<b>Scope of Project:</b>	The project involves a new 2-story office building.
<b>Occupancy Classification:</b>	Offices and rooms or spaces used for assembly purposes that are less than 750 square feet in area or have a calculated occupant load less than 49 - B Occupancy [304.1, 303.1.2, 1 & 2] Multipurpose rooms - A-3 Occupancy [303.4] Storage - S-1 Occupancy [311.2]
<b>Construction Type:</b>	Type IIB Construction
<b>Allowable Area:</b>	Tabular Area: 9,500 sf [Table 503] Sprinkler Increase: ± 19,000 sf [506.3] Allowable Area: 28,500 sf
<b>Allowable Height:</b>	3 stories and 75 feet [Table 503, 504.2]
<b>Building Elements - Fire-resistive Requirements:</b>	Building elements, including structural frame, walls, doors, and roof, must be a minimum of non-combustible, non-rated construction. [Table 601] Exterior walls not required to be rated where having at least 10 feet of fire separation distance, 1-hour rating for less than 10 feet of fire separation distance. [Table 602]
<b>Maximum Area of Exterior Wall Openings:</b>	Unprotected Openings, Sprinklered - Fire Separation: < 3 feet - none permitted > 3 < 5 feet - 15% > 5 < 10 feet - 25% > 10 < 15 feet - 45% > 15 < 20 feet - 75% > 20 feet - Unlimited [Table 705.8]
<b>Occupancy Separation:</b>	Not required, building complex as non-separated mixed uses. [508.3]
<b>Incidental Use Separations:</b>	The following rooms are required to be provided with a nonrated separation consisting of walls terminating at the deck, with self-closing doors: - Furnace rooms with equipment over 400,000 Btu/hour input [Table 509] - Boiler rooms with equipment over 15 psi and 10 hp [Table 509] Electrical transformer rooms required to be separated with 1-hour construction if containing oil-regulated transformers over 75 kVA, or 40-type transformers over 112.5 kVA, and the transformers are less than a Class 155 insulation system rating. [450.42, 450.2(b), IBC]
<b>Shaft Enclosures:</b>	Exit access stairs that serve, or atmospherically communicate between, only two stories are not required to be enclosed. [1009.3, exc.1] Ducts connecting not more than 2-stories are not required to be enclosed in a shaft provided the annular space around the duct is protected with an approved non-combustible material that resists the free passage of flame and the products of combustion. [717.6.3, exc.2] Sprinkler protection can be omitted from elevator shafts and machine rooms where enclosed with 2-hour construction. [903.1.1.1, 1]
<b>Fire and Smoke Dampers:</b>	Fire dampers required for duct penetrations of rated shafts. Smoke dampers not required. [717.5]
<b>Occupant Load Factors:</b>	Unconcentrated assembly use: 15 sq. ft./occ. Row seating assembly use: 7 sq. ft./occ. Business: 100 sq. ft./occ. Storage: 300 sq. ft./occ. [Table 1004.1.2]
<b>Corridors:</b>	Corridors are not required to be fire-rated, based upon automatic sprinkler protection throughout. [Table 1018.1] Corridors must be a minimum of 44 inches in clear and unobstructed width. Corridors serving an occupant load less than 50 must not be less than 36 inches in clear and unobstructed width. [Table 1018.2] Dead end corridors must not exceed 20 feet where serving A Occupancies and 50 feet where serving B and S Occupancies. [1018.4]
<b>Means of Egress:</b>	Two means of egress are required from a room or space when the occupant load exceeds 49 for A-3 and B Occupancies and 20 for S Occupancies or where the common path of travel exceeds 75 feet for A-3 Occupancies and 100 feet for B and S Occupancies. [Table 1015.1, Table 1014.3]
<b>Exit Travel Distance:</b>	The maximum travel distance to an exit is 250 feet for A-3 and S-1 Occupancy areas and 300 feet for B Occupancy areas. [Table 1016.2]
<b>Exits:</b>	2 exits required for an occupant load of 1-500 3 exits required for an occupant load of 501-1,000 4 exits required for an occupant load over 1,000 [1012.2] An exit capacity of 0.15 in/occupant must be provided for horizontal travel such as doors, ramps, etc. An exit capacity of 0.2 in/occupant must be provided for stairs. Multiple means of egress must be sized such that the loss of any one means of egress must not reduce the available capacity to less than 50 percent of the required capacity. [1005.3, 1005.5]
<b>Arrangement of Exits:</b>	When two exits or exit access doorways are required, they must be separated by at least one-third of the overall diagonal dimension of the area served. [1015.2.1]
<b>Doors:</b>	Door width must be a minimum of 32 inches clear, except for storage closets less than 10 sq. ft. in area. A single door leaf must not exceed 48 inches. [1008.1.1] Egress doors must swing in the direction of egress when serving 50 or more occupants. Egress doors are required to be side-hinged swinging type, except for office and storage areas with an occupant load of less than 10. Manually operated horizontal sliding doors permitted from rooms with an occupant load that does not exceed 10. [1008.1.2] Panic hardware required for doors that latch in a means of egress from an A Occupancy with an occupant load of 50 or more. [1008.1.10]
<b>Stairways:</b>	Stairways must not be less than 44 inches in clear and unobstructed width where serving 50 or more occupants. [1009.4] A headroom of at least 6'8" must be provided. [1009.5] The tread depth must be a minimum of 11" and the riser height must be a minimum of 4" and a maximum of 7". [1009.2] Stairs are required to have handrails on both sides and the handrails must be provided within 30 inches of reach on the stair.
<b>Handrails:</b>	Handrails must be at least 34 inches and not greater than 38 inches in height. Handrails must be continuous the full length of each flight without interruptions by newel posts or other obstructions. Where handrails are not continuous between flights they must extend at least 12" beyond the top riser and continue to slope for the depth of one tread beyond the bottom riser. Handrails must be returned to a wall, guard, or the walking surface or must continue to the handrail of an adjacent stair flight. [1009.15, 1012.2, 1012.4]
<b>Guards:</b>	Guards must be provided along open-sided walking surfaces, stairways, ramps, and landings that are located more than 30 inches above the floor or grade below. Guards must be at least 42 inches high, measured vertically above the leading edge of the tread and adjacent walking surface. Open guards must have balusters or ornamental patterns such that a 4-inch diameter sphere cannot pass through any opening up to a height of 36 inches. A sphere 4-3/8 inches in diameter must not pass through any opening from a height of 36 to 42 inches. [1013.2, 1013.3, 1013.4]
<b>Sprinkler System:</b>	Required throughout to permit area increase, non-separated mixed uses, nonrated corridors, and travel distance increases.
<b>Fire Alarm System:</b>	Fire alarm system required based upon the calculated occupant load of the B Occupancy exceeds 100 in the 2nd floor and the occupant load of the A Occupancy exceeding 300 occupants. [907.2.1, 907.2.2]
<b>Smoke Detectors:</b>	Manual pull stations are not required where initiation of system is by sprinkler water flow. [907.2.1, exc.] Smoke detectors must be installed in return air systems with a design capacity greater than 2,000 cfm, in the supply air duct. [606.2, IMC] Required for elevator recall. [3003.2]
<b>Illumination of Means of Egress:</b>	Illumination must be provided for required means of egress as well as the exit discharge that leads to a public way at all times the building space served by the means of egress is occupied. [1006.1]
<b>Emergency Lighting:</b>	Emergency lighting is required at exterior landings in buildings that require more than one exit, in corridors, in stairs, and required in rooms and spaces that require two or more means of egress. [11006.3]
<b>Exit Signs:</b>	Exit signs required to indicate the direction of egress travel for rooms and areas that require more than one exit access. [1011.1]

If you have any questions, please contact us.

Sincerely,

RTM Consultants, Inc.  
Melissa M. Tupper, P.E.  
Principal  
Fire Protection Engineer

## GIBALTAR DESIGN

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PROJECT

DATE

04/15/22

COORDINATED BY

GWT

DRAWN BY

JMG

CHECKED BY

GWT

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REVISIONS

MARK DATE ISSUED FOR

1 04/28/2022 ADDENDUM NO. 1

DRAWING  
FIRST FLOOR LIFE SAFETY PLAN

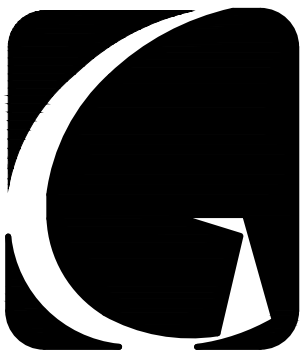
PROJECT  
NEW ADMINISTRATION CENTER, ALTERNATIVE EDUCATION & RESOURCE CENTER, AND RELATED WORK

GIBALTAR DESIGN

SHEET

AD G-201





**GIBRALTAR**  
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

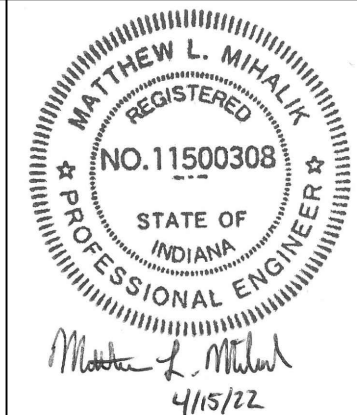


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Your Vision • Our Focus

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



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**REVISIONS**

MARK	DATE	ISSUED FOR
AD-1	04/28/22	ADDENDUM 1

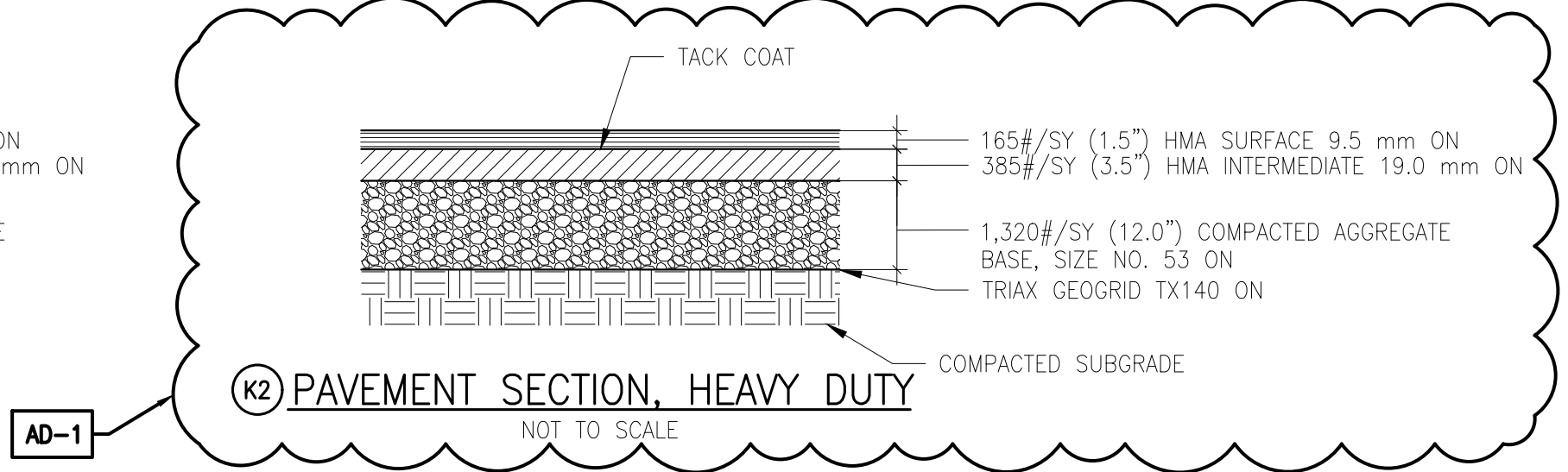
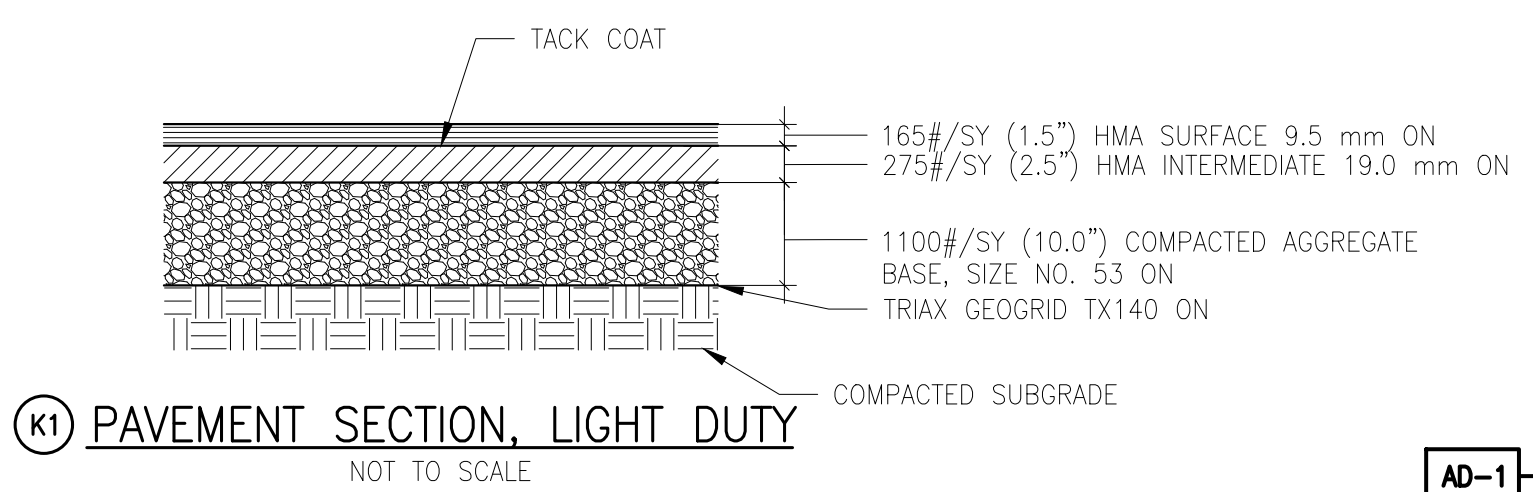
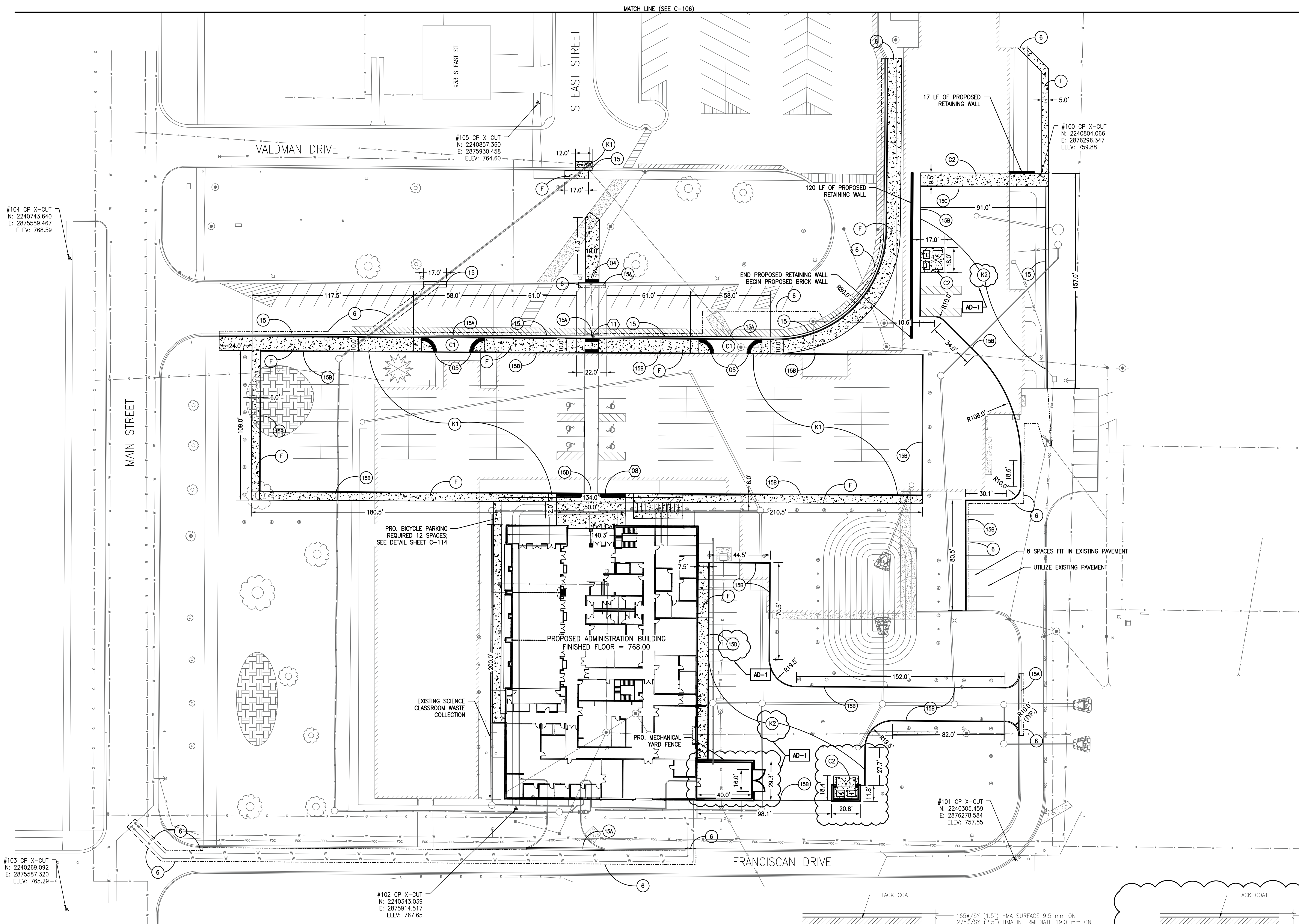
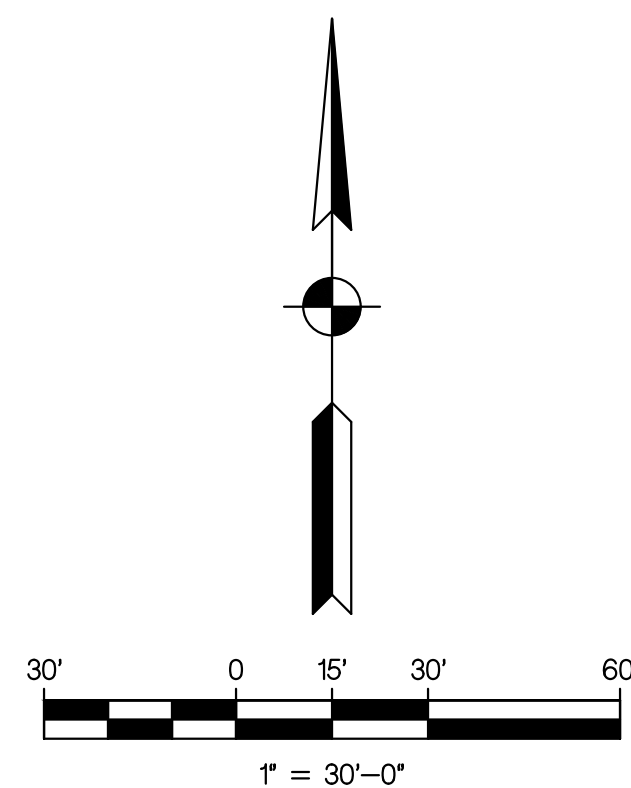
**DRAWING**  
**PROPOSED SITE PLAN**

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

**DRAWING DESIGN**

**SHEET**

**AD C-105**



LEGEND					
(C1)	CONCRETE P.W.T., 6"	→	EXISTING GUY WIRE	— G — G — G —	EXISTING GAS
(C2)	CONCRETE P.W.T., 8"	⊗	EXISTING FIRE HYDRANT	— T — T — T —	EXISTING TELEPHONE
(F)	SIDEWALK, CONC., 5"	⊠	EXISTING WATER VALVE	— TV — TV — TV —	EXISTING CABLE TV
(K1)	PAVEMENT SECTION, LIGHT DUTY	—	EXISTING TELEPHONE BOX	— E — E — E —	EXISTING ELECTRICAL
(K2)	PAVEMENT SECTION, HEAVY DUTY	—	EXISTING SIGN	— OH — OH — OH —	EXISTING OVERHEAD ELECTRIC
(##)	CURB RAMP, 8", INDOT ST. DWG E 604-SWCR-##	—	CONTROL POINT	— P — P — P —	EXISTING PIPELINE
(6)	SAW CUT, FULL DEPTH	—	PROPERTY CORNER	—	EXISTING SANITARY
(15)	CONCRETE CURB AND GUTTER	—		—	EXISTING STORM
(15A)	DEPRESSED CURB AND GUTTER	⊙	EXISTING TREE		
(15B)	CONCRETE BARRIER CURB, 6"	⊙	EXISTING FIRE HYDRANT		
(15C)	CONCRETE BARRIER CURB, 7"	⊙	EXISTING WATER VALVE		
(15D)	DEPRESSED BARRIER CURB	⊙	EXISTING BUFFALO BOX		
		⊙	EXISTING MAN HOLE		
		⊙	EXISTING CATCH BASIN		
		⊙	EXISTING INLET		
		⊙	EXISTING UTILITY POLE		

**CONSTRUCTION NOTES:**

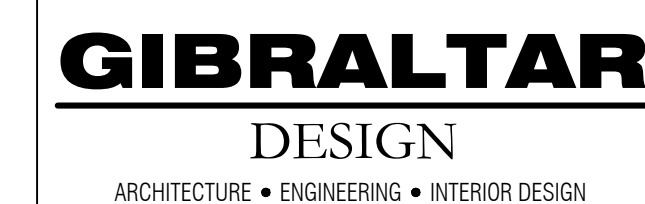
- CONTRACTOR TO FIELD VERIFY PIPE ELEVATIONS AND SIZES.
- CONTRACTOR TO RAISE OR LOWER MANHOLE COVERS/FRAMES AS REQ'D TO MEET NEW ELEVATIONS ASSOCIATED W/ ROAD RECONSTRUCTIONS.
- CONTRACTOR TO COMPACT ROAD SUBGRADE TO 95% STANDARD PROCTOR ASTM D698 IN MAX 8" LIFTS, NO EXCEPTIONS. AFTER SUBGRADE ACCEPTANCE, CONTRACTOR IS RESPONSIBLE FOR PROTECTION OF SUBGRADE FROM DAMAGE.
- ALL CONCRETE, SIDEWALK, AND CURB REMOVED SHALL BE SAWCUT FULL DEPTH. PRECAUTIONARY MEASURES TO BE TAKEN TO DE-WATER THE SITE AS NEEDED; NO PIPE IS TO BE PLACED IN STANDING WATER.
- CONTRACTOR TO PROOF-ROLL PAVEMENT AREAS PRIOR TO PLACEMENT OF INDIANA #53 AGGREGATE. ANY AREAS SHOWING SIGNIFICANT SIGNS OF RUTTING TO BE OVER EXCAVATED AND REPLACED WITH A MINIMUM OF 12" OF INDIANA #2 AGGREGATE.
- AGGREGATE SUB-BASE TO BE PROOF-ROLLED PRIOR TO PLACEMENT OF ASPHALT. ANY FAILED AREAS TO BE REMOVED AND REPLACED.
- ALL RADIUS DIMENSIONS ARE PROPOSED BACK OF CURB UNLESS SPECIFIED.
- BICYCLE RACKS SHALL BE OF THE INVERTED U-STRUCTURE DESIGN.
- BICYCLE RACKS SHALL ACCOMMODATE U-LOCKS/CHAINS AND SUPPORT BICYCLES AT TWO LOCATIONS ON THE RACK.
- BICYCLE RACKS SHALL HAVE A THERMOPLASTIC POWDER COATING AND MUST BE ANCHORED SECURELY TO GROUND PER THE MANUFACTURER'S SPECIFICATIONS.
- BICYCLE RACKS SHALL BE 2'X6' WITH A 5' WIDE ACCESS AISLE FROM BEHIND.

**AD-1 REVISIONS:**

- ADDED HEAVY DUTY PAVEMENT SECTION DETAIL.
- REVISED PROPOSED PAVEMENT AT RECEIVING LOT AND EAST ADMINISTRATION LOT TO BE HEAVY DUTY PAVEMENT.
- REVISED BARRIER CURB ALONG SIDEWALK EAST OF ADMINISTRATION BUILDING TO BE DEPRESS BARRIER CURB.
- REVISED DUMPSTER ENCLOSURE AREA TO INCLUDE MASONRY ENCLOSURE WITH GATE, REVISED CURB ALONG ENCLOSURE.
- REVISED MECHANICAL YARD ENCLOSURE.

Wednesday, 4/27/2022 - 2:44 PM - LAST SAVED BY: MLH/MLK  
X:\PROJECTS\GIBRALTAR\22-507 TAFT DWS\2022 0423 TAFT MIDDLE SCHOOL\_R67\_01.DWG






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

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA



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PROJECT 21-115 DATE 04/15/22 COORDINATED BY MLM DRAWN BY MLM / SB CHECKED BY MLM	
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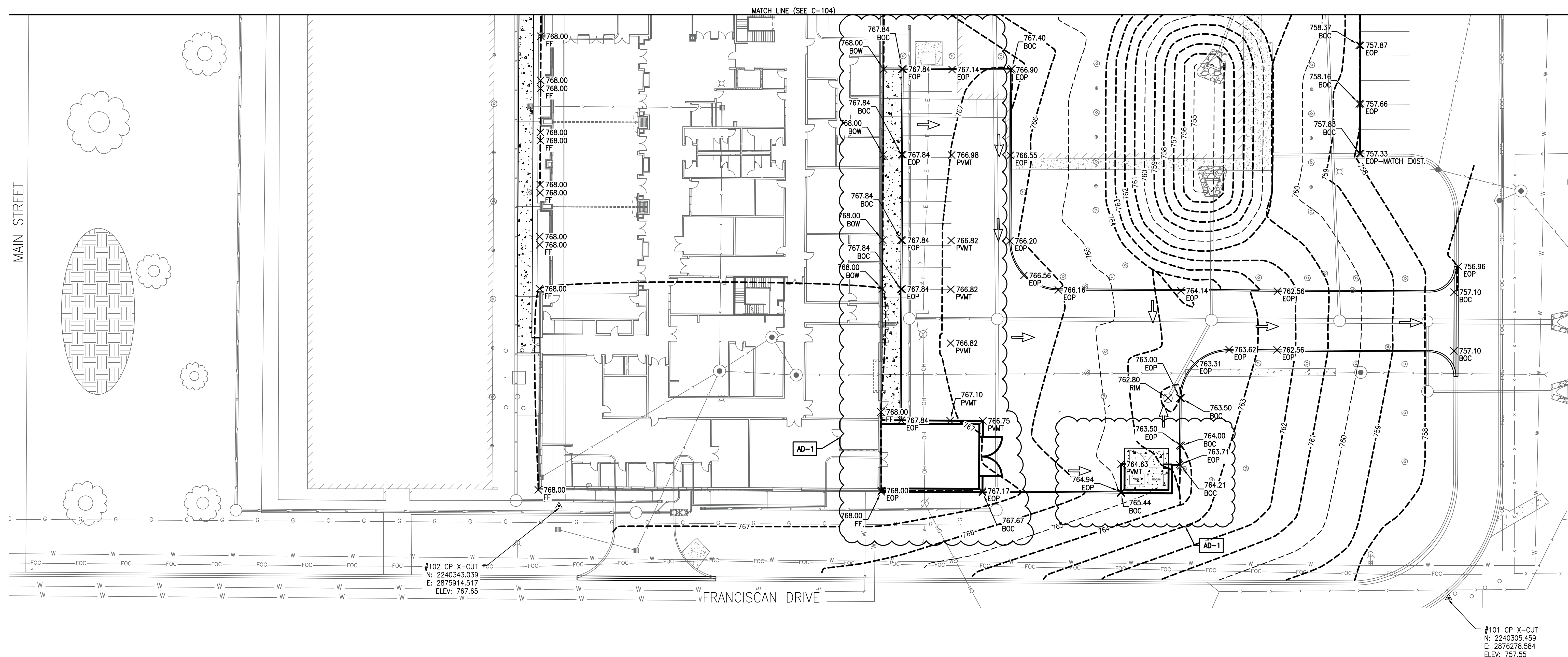
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[illegible]

**DRAWING**  
**PROPOSED GRADING PLAN**  
**SOUTH SECTION**

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

GIBRALTAR DESIGN <b>AD</b>	SHEET <b>C-108</b>
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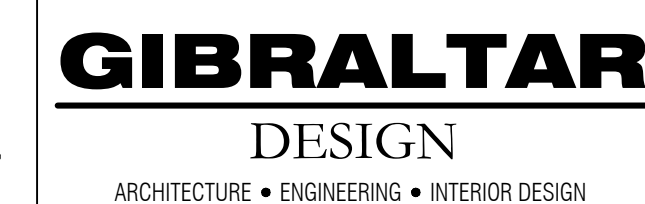
LEGEND									
	EXISTING TREE	→	EXISTING GUY WIRE	— G — G — G —	EXISTING GAS	— W — W —	EXISTING WATERMAIN	-----	GRADING BREAKLINE
	EXISTING FIRE HYDRANT		EXISTING LIGHT POLE	— T — T —	EXISTING TELEPHONE	— x — x — x —	EXISTING CHAIN LINK FENCE		GRADING FLOW PATH
	EXISTING WATER VALVE		EXISTING TELEPHONE BOX	— TV — TV — TV —	EXISTING CABLE TV		EXISTING TREE LINE		
	EXISTING BUFFALO BOX		EXISTING SIGN	— E — E — E —	EXISTING ELECTRICAL	— SF — SF — SF —	EXISTING ELECTRICAL		
	EXISTING MAN HOLE		CONTROL POINT	— OH — OH — OH —	EXISTING OVERHEAD ELECTRIC	—————	RIGHT-OF-WAY		
	EXISTING CATCH BASIN		PROPERTY CORNER	— P — P — P —	EXISTING PIPELINE	— — — — —	PROPERTY LINE / BUILDING LINE		
	EXISTING INLET			— > — > — > —	EXISTING SANITARY	— — — — —	SECTION LINE		
	EXISTING UTILITY POLE			— > — > — > —	EXISTING STORM	— - - - -			

**AD-1 REVISIONS:**

1. ADMINISTRATION BUILDING EAST LOT: REVISED WEST EDGE OF PAVEMENT TO BE FLUSH WITH PROPOSED SIDEWALK GRADE.
2. REVISED GRADING NEAR TRASH ENCLOSURE

Wednesday, 4/27/2022 - 2:44 PM - LAST SAVED BY:MMIHALIK  
I:\PROJECTS\GIBALTAR\22-507 TAFT\DWGS\2022 0425\_TAFT MIDDLE  
SCHOOL\_REV\_01.DWG






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

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA



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Phone 317.580.5777 Fax 317.580.5778

PROJECT 21-115 DATE 04/15/22 COORDINATED BY MLM DRAWN BY MLM / SB CHECKED BY MLM	
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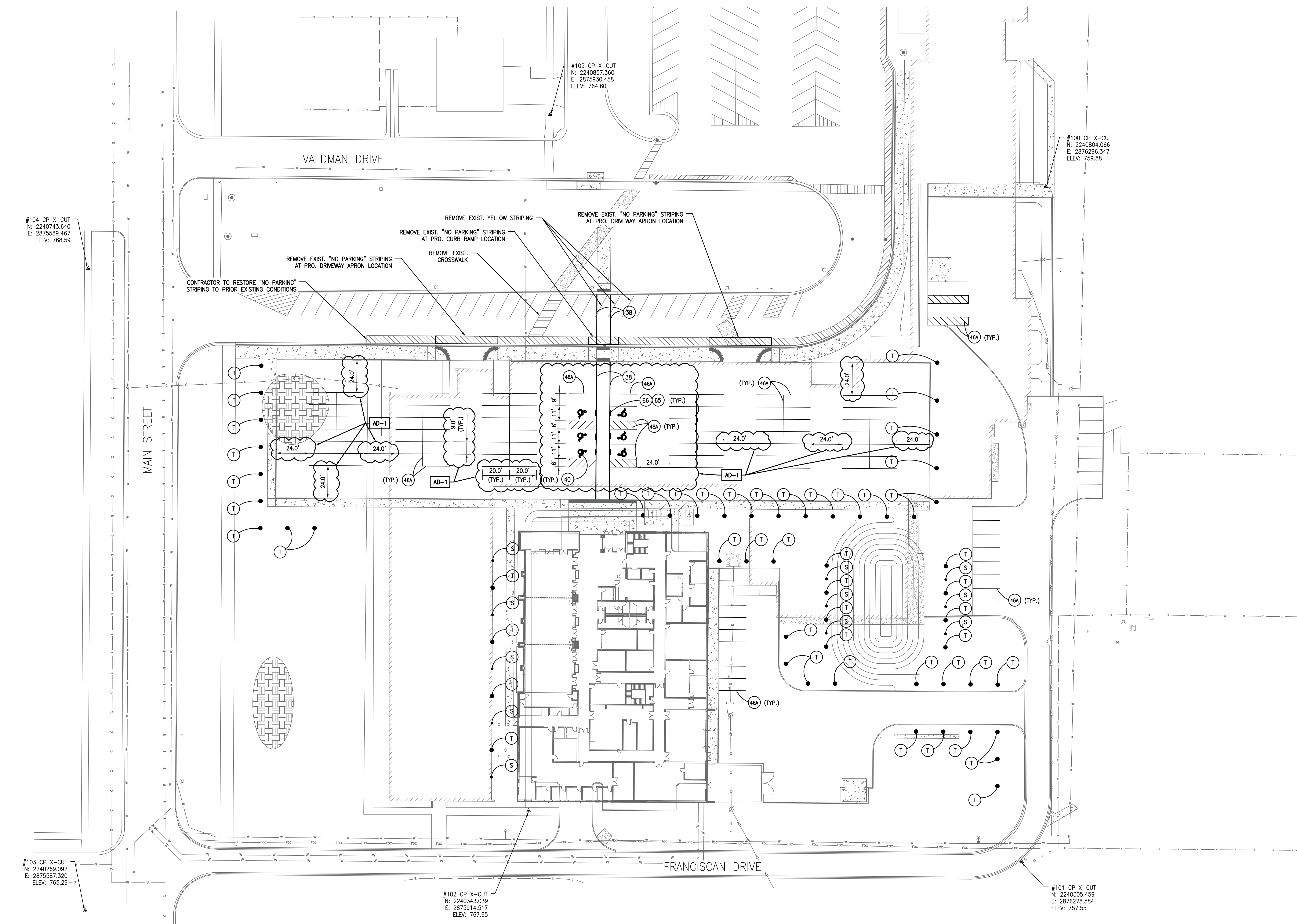
REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	04/28/22	ADDENDUM 1

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

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

© CIBOLA TAB DESIGN SHEET

AD	C-111
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LEGEND									
(38)	TRANSVERSE MARKING, PAINT, CROSSWALK STRIPING, 6"		EXISTING TREE	→	EXISTING GUY WIRE	— G — G — G —	EXISTING GAS	— W — W —	EXISTING WATERMAIN
(40)	PVMT MESSAGE MARKING, PAINT, HANDICAP SYMBOL		EXISTING FIRE HYDRANT		EXISTING LIGHT POLE	— T — T —	EXISTING TELEPHONE	— x — x — x —	EXISTING CHAIN LINK FENCE
(46A)	SOLID LINE, PAINT, WHITE, 4"		EXISTING WATER VALVE		EXISTING TELEPHONE BOX	— TV — TV — TV —	EXISTING CABLE TV		EXISTING TREE LINE
(48A)	SOLID LINE, PAINT, BLUE, 4"	●	EXISTING BUFFALO BOX		EXISTING SIGN	— E — E — E —	EXISTING ELECTRICAL	— SF — SF — SF —	SILT FENCE
(65)	R7-8, SIGN, "RESERVED PARKING", 12"x18"		EXISTING MAN HOLE		CONTROL POINT	— OH — OH — OH —	EXISTING OVERHEAD ELECTRIC		RIGHT-OF-WAY
(66)	R7-8B, SIGN, "VAN ACCESSIBLE", 12"x6"		EXISTING CATCH BASIN		PROPERTY CORNER	— P — P — P —	EXISTING PIPELINE	— — — — —	PROPERTY LINE / BUILDING LINE
(S)	PROPOSED SHRUB		EXISTING INLET			— — — — —	EXISTING SANITARY	— - - - -	SECTION LINE
(T)	PROPOSED TREE	∅	EXISTING UTILITY POLE			— — — — —	EXISTING STORM		

CONSTRUCTION NOTES:

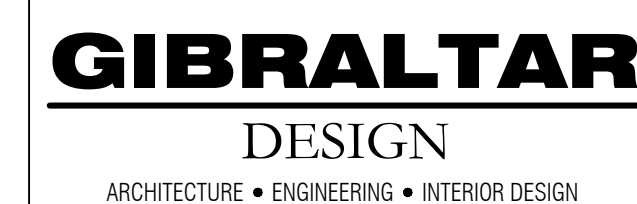
1. ALL OPEN AREAS TO BE COVERED WITH TOPSOIL AND SOD/MULCH SEED. ALL DEBRIS TO BE REMOVED PRIOR TO PLACEMENT OF TOPSOIL.
2. TOPSOIL TO BE LIGHTLY COMPACTED PRIOR TO PLACEMENT OF SOD/MULCH SEED. ANY AREAS WHERE SOD IS PLACED MUST BE ROLLED AFTER INITIAL WATERING.
3. NO OVERLAPS OR GAPS WHERE SOD IS INSTALLED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

AD-1 REVISIONS:

- AD-1 REVISIONS:**
1. REVISED ADA PARKING LAYOUT
  2. ADDED PARKING SPACE TYPICAL DIMENSIONS

Wednesday, 4/27/2022 - 2:44 PM - LAST SAVED BY:MMIHALIK  
X:\PROJECTS\GIBRALTAR\22-507 TAFT\DWGS\2022 0425\_TAFT MIDDLE  
SCHOOL\_REV\_01.DWG





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


CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA



GIBRALTAR DESIGN

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Phone 317.580.5777 Fax 317.580.5778

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



MATTHEW L. MIHALIK  
REGISTERED  
NO. 11500308  
STATE OF  
INDIANA  
PROFESSIONAL ENGINEER

*Matthew L. Mihalik*  
4/15/22

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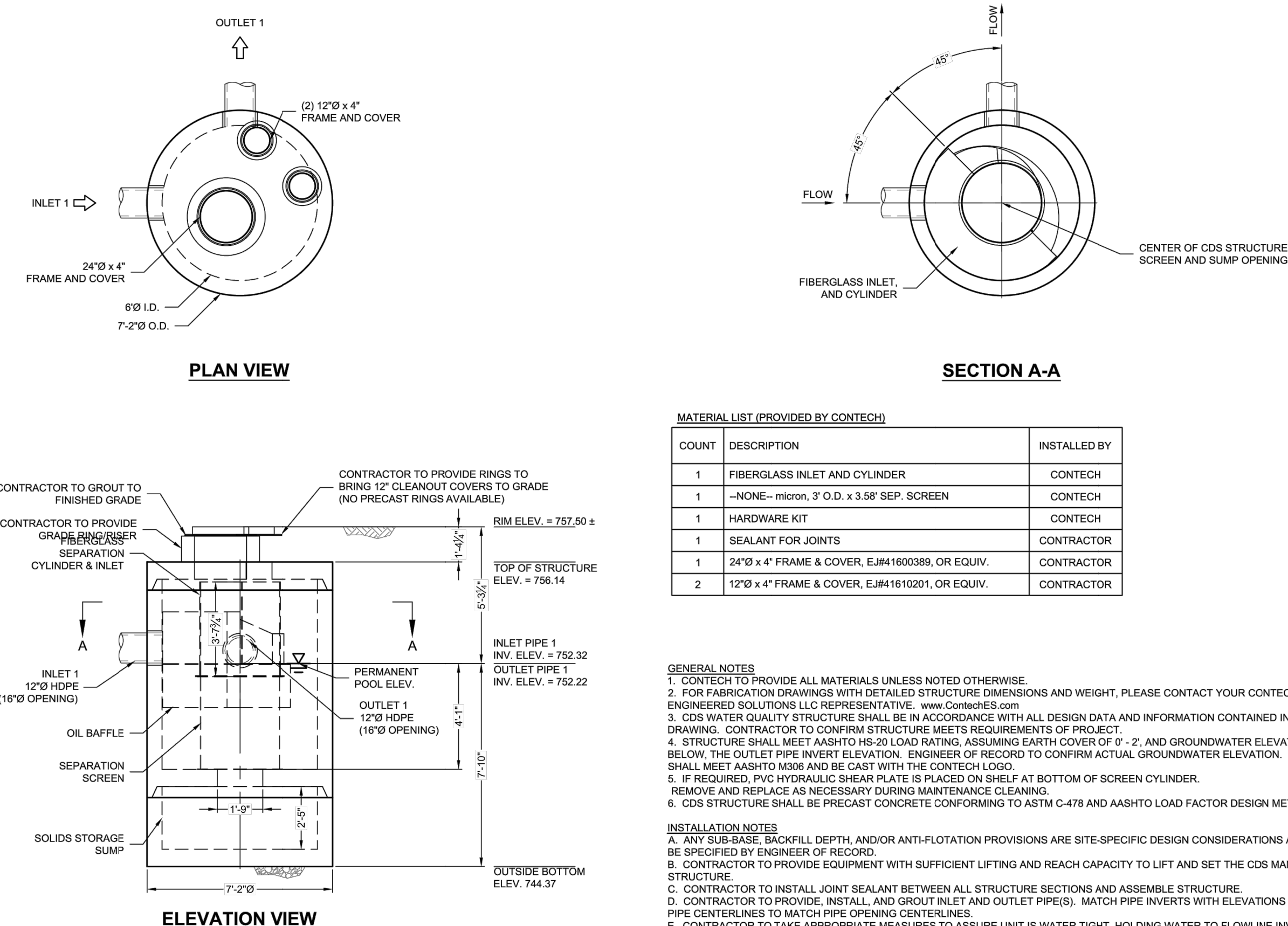
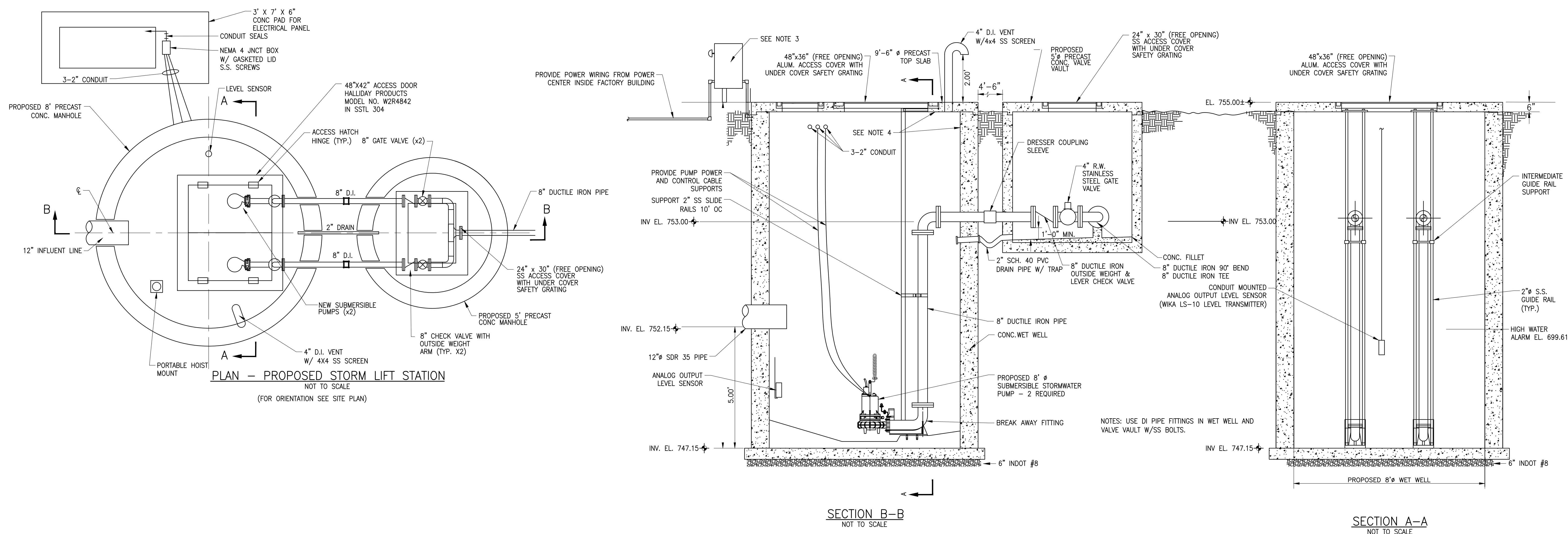
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AD-1	04/28/21	ADDENDUM 1

DRAWING  
DETAILS

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

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AD	C-115
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MATERIAL LIST (PROVIDED BY CONTECH)		
COUNT	DESCRIPTION	INSTALLED BY
1	FIBERGLASS INLET AND CYLINDER	CONTECH
1	--NONE-- micron, 3" O.D. x 3.56" SEP. SCREEN	CONTECH
1	HARDWARE KIT	CONTECH
1	SEALANT FOR JOINTS	CONTRACTOR
1	24" x 4" FRAME & COVER, EJM16100389, OR EQUIV.	CONTRACTOR
2	12" x 4" FRAME & COVER, EJM1610201, OR EQUIV.	CONTRACTOR

**GENERAL NOTES**

- C. CONTACT PROVIDER FOR ALL MATERIALS UNLESS NOTED OTHERWISE.
- D. FOR FABRIC DRAWINGS WITH DETAILED STRUCTURE DIMENSIONS AND WEIGHT, PLEASE CONTACT YOUR CONTRACTOR ENGINEERED SOLUTIONS LLC REPRESENTATIVE. [www.construction.com](http://www.construction.com)
- E. PROVIDE ALL INFORMATION AND ALL DESIGN DATA AND INFORMATION CONTAINED IN THIS DRAWING. CONTRACTOR TO CONFIRM STRUCTURE MEETS REQUIREMENTS OF PROJECT.
- F. PROVIDE ALL INFORMATION REGARDING ELEVATION OF STRUCTURE, ELEVATION OF 2" AND GROUNDWATER ELEVATION AT OR BELOW THE OUTLET PIPE INLET ELEVATION. ELEVATION OF RECORD TO CONFIRM ACTUAL GROUNDWATER ELEVATION. CASTINGS SHALL BE PROVIDED BY CONTRACTOR.
- G. IF REQUIRED, PUP HYDRAULIC SEAL PLATE IS PLACED ON RING AT BOTTOM OF SCREEN CYCLONE.
- H. PROVIDE ALL INFORMATION AS NECESSARY TO COMPLY WITH ALL APPLICABLE CODES.
- I. CDS STRUCTURE SHALL BE PRECAST CONCRETE CONFORMING TO ASTM C-478 AND ASHOTO LOAD FACTOR DESIGN METHOD.

**INSTALLATION NOTES**

- A. PROVIDE ALL INFORMATION REGARDING MINIMUM BACKFILL DEPTH, AND/OR ANTI-POLLUTION PROVISIONS ARE SITE-SPECIFIC DESIGN CONSIDERATIONS AND SHALL BE SPECIFIED BY ENGINEER OR RECORD.
- B. PROVIDE ALL INFORMATION REGARDING BACKFILL WITH SUFFICIENT LIQUID AND REACH CAPACITY TO LIFT AND SET THE CDS MANHOLE STRUCTURE.
- C. CONTRACTOR TO INSTALL JOINT SEALANT BETWEEN ALL STRUCTURE SECTIONS AND ASSEMBLE STRUCTURE.
- D. CONTRACTOR TO PROVIDE, INSTALL, AND GROUT INLET AND OUTLET PIPES. MATCH PIPE INVERTS WITH ELEVATIONS SHOWN. ALL PIPES SHALL BE PROVIDED BY CONTRACTOR.
- E. CONTRACTOR TO TAKE APPROPRIATE MEASURES TO ASSURE UNIT WATER TIGHT, HOLDING WATER TO FLOWLINE INVERT.

STRUCTURE WEIGHT  
APPROXIMATE HEAVIEST PICK = 19000 LBS.  
STRUCTURE IS DELIVERED IN 3 PIECES

MAX FOOTPRINT = Ø7'-2"

CONTECH  
**PROPOSAL**  
DRAWING

FRAME AND COVER NOTES:

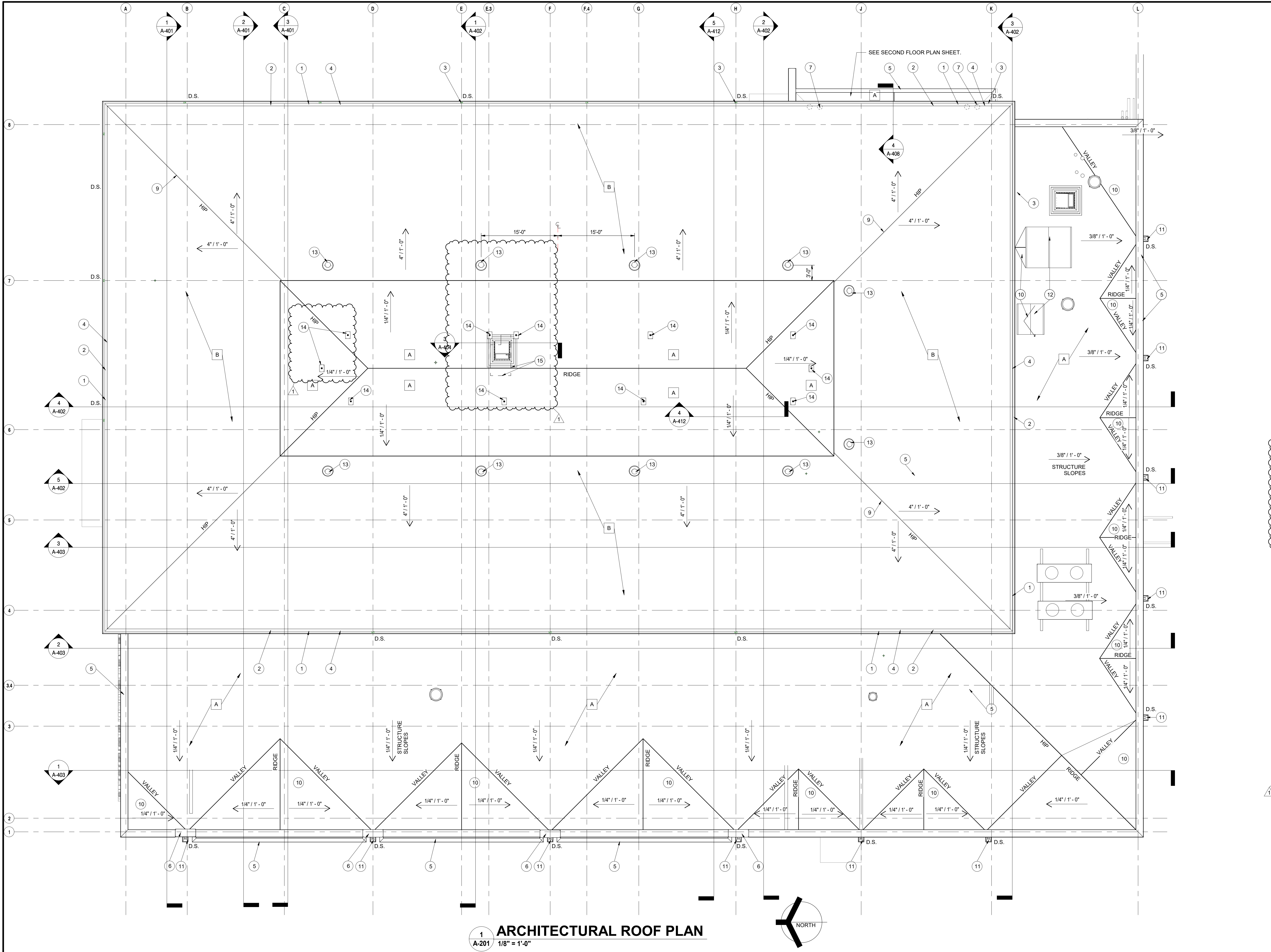
1. 12"ø x 4" FRAME AND COVER SHALL BE EAST JORDAN V1610-2BF RG V1610-2CV ASSEMBLY, OR APPROVED EQUAL.
2. 24"ø x 4" FRAME AND COVER SHALL BE V1600-3 V1610-3 ASSEMBLY, OR APPROVED EQUAL.

**AD-1 REVISIONS:**

1. "CDS3035-6-C-707498-10" HYDRODYNAMIC SEPARATOR STRUCTURE DETAIL HAS BEEN ADDED.
2. "FRAME AND COVER NOTES" REGARDING THE HYDRODYNAMIC SEPARATOR STRUCTURE CASTINGS HAVE BEEN ADDED.



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### GENERAL ROOFING NOTES

A. FOR GENERAL NOTES, MATERIAL IDENTIFICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. REFER TO SHEET G-301.

B. THE ROOFING INSTALLER SHALL VERIFY ALL DIMENSIONS, CLEARANCES AND ALL EXISTING FIELD CONDITIONS BEFORE STARTING CONSTRUCTION. COMMENCEMENT OF WORK CONSTITUTES ACCEPTANCE OF CONDITIONS. SHOULD DIFFERENT CONDITIONS BE ENCOUNTERED, CONTACT THE ARCHITECT BEFORE PROCEEDING WITH WORK.

C. THE ROOFING INSTALLER SHALL BE RESPONSIBLE FOR THE REPAIR OR REPLACEMENT OF ALL DAMAGE CAUSED BY THE IMPROPER STORAGE OR STACKING OF ROOFING MATERIALS.

D. ALL DIMENSIONS INDICATED ON ROOF PLAN ARE APPROXIMATE. THE CONTRACTOR IS RESPONSIBLE FOR OBTAINING ACCURATE FIELD MEASUREMENTS FOR THE EXECUTION OF HIS WORK AND PRIOR TO ANY FABRICATION OF THE VARIOUS MATERIALS.

E. THE ROOFING CONTRACTOR SHALL PROTECT ALL ROOF DRAINS, SCUPPERS AND DOWNSPOUTS FROM DEBRIS CREATED DURING CONSTRUCTION. THE ROOFING INSTALLER SHALL INSPECT AND CLEAR ALL DRAINS, SCUPPERS, AND DOWNSPOUTS PRIOR TO COMPLETION OF NEW WORK TO ENSURE THAT THEY ARE FREE OF DEBRIS AND FUNCTIONING PROPERLY.

F. ROOF DRAIN LOCATIONS INDICATE DESIGN INTENT. COORDINATE LOCATIONS WITH STRUCTURAL, MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS.

G. FOR LOCATION, TYPE, AND SIZE OF ALL ROOF TOP MECHANICAL EQUIPMENT REFER TO MECHANICAL DRAWINGS.

H. FOR LOCATIONS OF ALL PLUMBING VENTS REFER TO PLUMBING DRAWINGS.

I. EXTEND ALL PLUMBING VENTS SO THAT THE TOP IS A MINIMUM OF 12" ABOVE THE ROOFING MEMBRANE.

J. PROVIDE FLASHING AND A TWO PIECE COUNTER-FLASHING WHERE ROOFING ABUTS WALL, UNLESS OTHERWISE NOTED OR DETAILED.

K. PROVIDE FLASHING AT ALL VENTS, MECHANICAL CURBS, MASONRY WALLS, FLUES, DRAINS, FASCIAS, ETC. IN ACCORDANCE WITH THESE DRAWINGS AND SPECIFICATIONS, AND WITH ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS.

L. CONTRACTOR TO PROVIDE CRICKETS AND/OR ROOF SADDLES AS REQUIRED TO PROMOTE POSITIVE DRAINAGE AROUND ALL ROOF TOP PENETRATIONS.

M. SADDLES AND TAPERED INSULATION SYMBOLS INDICATE DESIGN INTENT TO SLOPE TO DRAIN. CONTRACTOR SHALL PROVIDE SUBMITTAL DRAWINGS FOR TAPERED INSULATION AND SADDLES TO ENSURE POSITIVE SLOPE.

N. ALL NEW WOOD BLOCKING & NAILERS SHALL BE TREATED WOOD.

O. ANCHOR ALL ROOFING EDGE WOOD BLOCKING AND STRUCTURAL INSULATED SHEATHING FOR COPINGS, FASCIA, AND EXPANSION JOINT COMPRESSIBLE TUBES AS REQUIRED TO CONFORM TO STATE AND LOCAL CODES.

P. REFER TO ARCHITECTURAL FLOOR PLAN FOR LOCATION OF SECTION CUTS FOR ADDITIONAL INFORMATION.

### ROOF TYPES:

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

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

### ROOF PLAN NOTES:

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

### ROOF LEGEND AND TYPICAL DETAILS:

ELEVATION TOP OF NEW ROOF DECK

ROOF DRAIN

ROOF DRAINAGE SADDLE

HATCH PATTERN INDICATES TAPERED INSULATION OVER FLAT INSULATION AS REQUIRED TO MAINTAIN 1/4" SLOPE TO DRAIN

WALKWAY PADS:  
INSTALL TWO PADS AT BOTTOM OF EACH ROOF LADDER, 5 PADS AROUND EACH ROOF HATCH, 6 PADS OUTSIDE EACH DOUBLE DOOR AND 4 PADS OUTSIDE EACH SINGLE DOOR (63 PADS TOTAL)

EXHAUST FAN

PLUMBING VENT

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1	04/28/2022	ADDENDUM NO. 1

### GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

DATE  
04/15/22

COORDINATED BY  
GWT

DRAWN BY  
JMG

CHECKED BY  
GWT

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

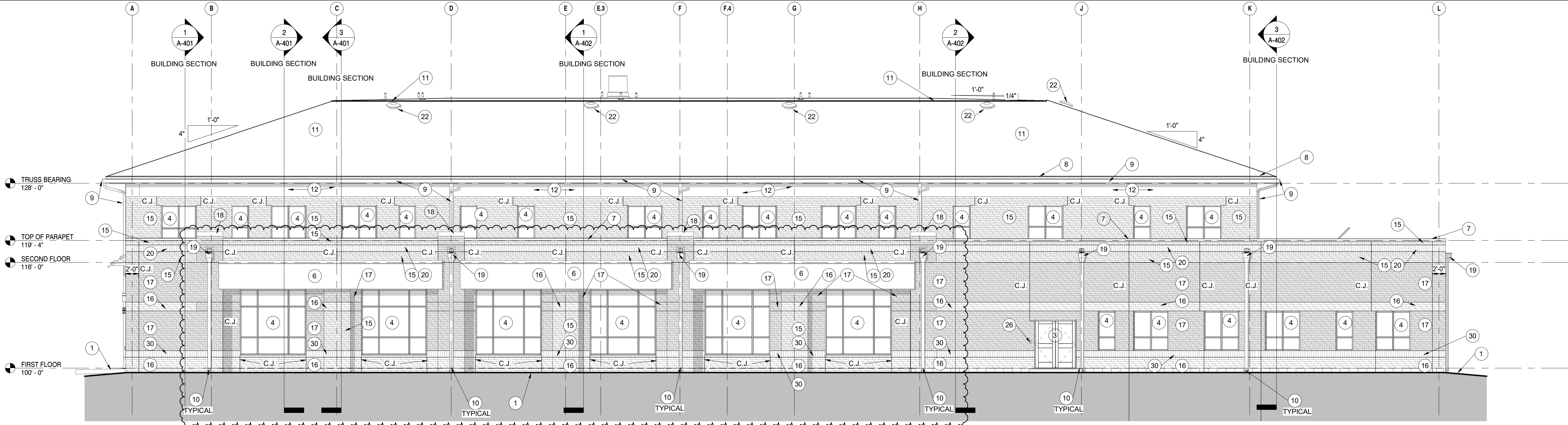
DRAWING  
ROOF PLAN

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

GIBRALTAR DESIGN

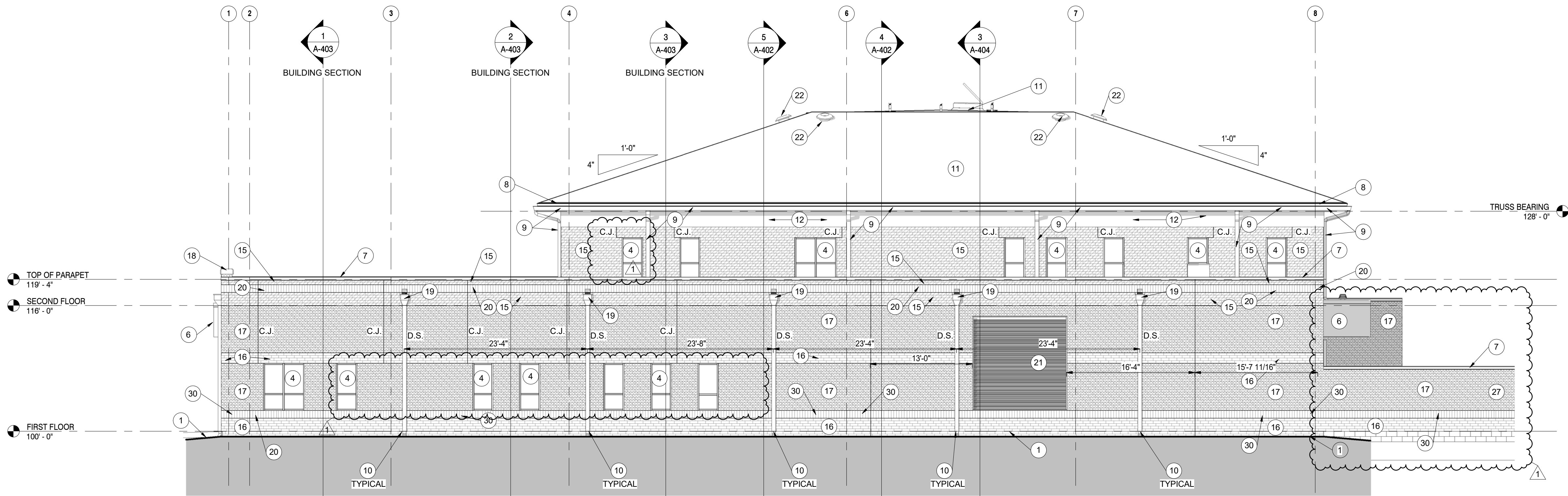
SHEET  
AD A-201





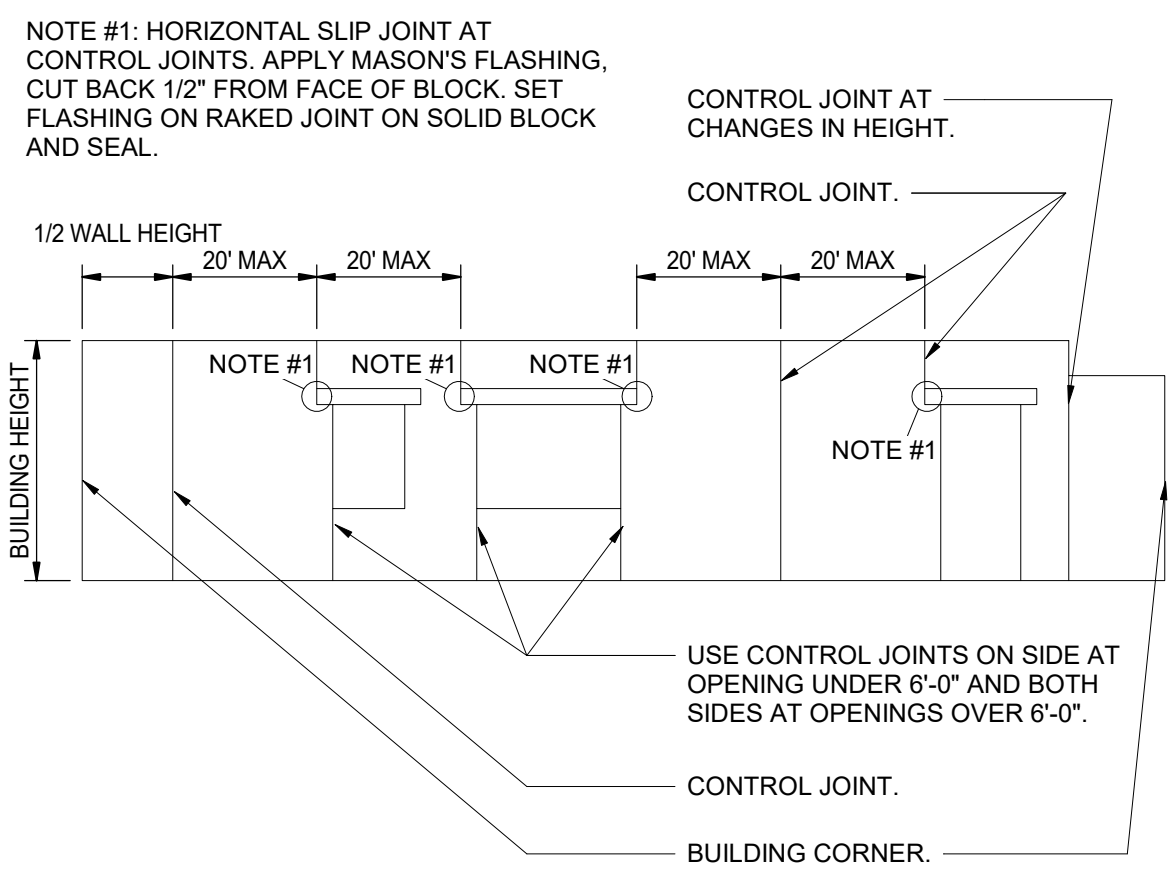
1 WEST ELEVATION

A-301 1/8" = 1'-0"



2 SOUTH ELEVATION

A-301 1/8" = 1'-0"



3 DETAIL: TYPICAL CONTROL JOINT LOCATION

A-301 Scale: NONE

#### GENERAL ELEVATION NOTES:

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

#### ELEVATION NOTES:

- (ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS SHEET)
- APPROXIMATE FINISH GRADE. REFER TO CIVIL DRAWINGS.
  - HOLLOW METAL FRAME AND INSULATED METAL DOOR.
  - ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS.
  - ALUMINUM WINDOW SYSTEM WITH ALUMINUM SILL. SEE SHEET A604
  - PROVIDE 1" INSULATED SPANDREL GLAZING PANEL.
  - PREFINISHED METAL WALL PANELS.
  - METAL PARAPET COPING. REFER TO ROOF PLAN.
  - METAL FASCIA. REFER TO ROOF PLAN.
  - METAL GUTTER AND DOWNSPOUTS. TIE INTO STORM SEWER SEE CIVIL.
  - DOWNSPOUT BOOT. REFER TO CIVIL DRAWINGS.
  - ASPHALT SHINGLES.
  - PREFINISHED METAL FRIEZE.
  - LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
  - PIPE BOLLARD. REFER TO CIVIL DRAWINGS.
  - FACE BRICK (TYPE A1) COLOR A - LIGHT - 1/3 RUNNING BOND - 4x4x12 UTILITY.
  - FACE BRICK (TYPE B1) COLOR B - MEDIUM - 1/3 RUNNING BOND - 4x4x12 UTILITY.
  - FACE BRICK (TYPE C1) COLOR C - DARK - 1/3 RUNNING BOND - 4x4x12 UTILITY.
  - CUT LIMESTONE CAP. REFER TO SECTIONS.
  - PREFINISHED METAL SCUPPER, COLLECTION HEAD, AND DOWNSPOUT.
  - FACE BRICK (TYPE A1) COLOR A - LIGHT - SOLDIER COURSE - 4x4x12 UTILITY.
  - 12'-0" x 12'-0" FRESH AIR INTAKE LOUVER. SEE MECHANICAL.
  - ROOF MOUNTED POWER VENT.
  - INSULATED COILING OVERHEAD DOOR.
  - KNOX BOX. COORDINATE LOCATION WITH LOCAL SERVING FIRE DEPARTMENT.
  - PUSH PAD FOR ADA OPERATOR. REFER TO ELECTRICAL DRAWINGS.
  - CARD/ FOB READER. REFER TO ELECTRICAL/ TECHNOLOGY DRAWINGS.
  - MECHANICAL SCREEN WALL 40'-0" LONG x 8'-0" HIGH x 1'-4" THICK (4" BRICK, 8" CMU, 4" BRICK) WITH PREFINISHED METAL PARAPET CAP. SEE CIVIL FOR CONTINUATION.
  - FACE BRICK (TYPE A1) COLOR A - LIGHT - ROWLOCK COURSE - 4x4x12 UTILITY.
  - DATE STONE AND TIME CAPSULE. REFER TO DETAIL.
  - FACE BRICK (TYPE B1) COLOR B - MEDIUM - SOLDIER COURSE - 4x4x12 UTILITY.



**GIBALTAR**  
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

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RESOURCE  
CENTER, AND  
RELATED WORK**

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GIBALTAR DESIGN**

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PROJECT

DATE

04/15/22

COORDINATED BY

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DRAWN BY

JKF AB

CHECKED BY

JB

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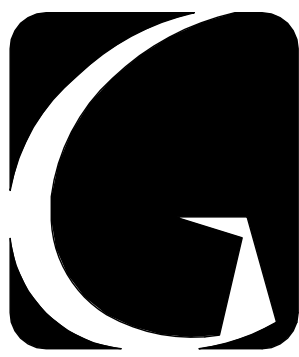
1 04/28/2022 ADDENDUM NO. 1

DRAWING  
SOUTH AND WEST ELEVATIONS

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

GIBALTAR  
DESIGN SHEET  
AD A-301





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

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SCHOOL CORPORATION  
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PROJECT

DATE

04/15/22

COORDINATED BY

JB

DRAWN BY

CA, MH, AB

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JKF

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REVISIONS

MARK	DATE	ISSUED FOR
1AD-6	04/28/2022	ADDENDUM NO. 1
AD-7		

DRAWING  
NORTH AND EAST ELEVATIONS

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

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DESIGN

SHEET

AD

A-302

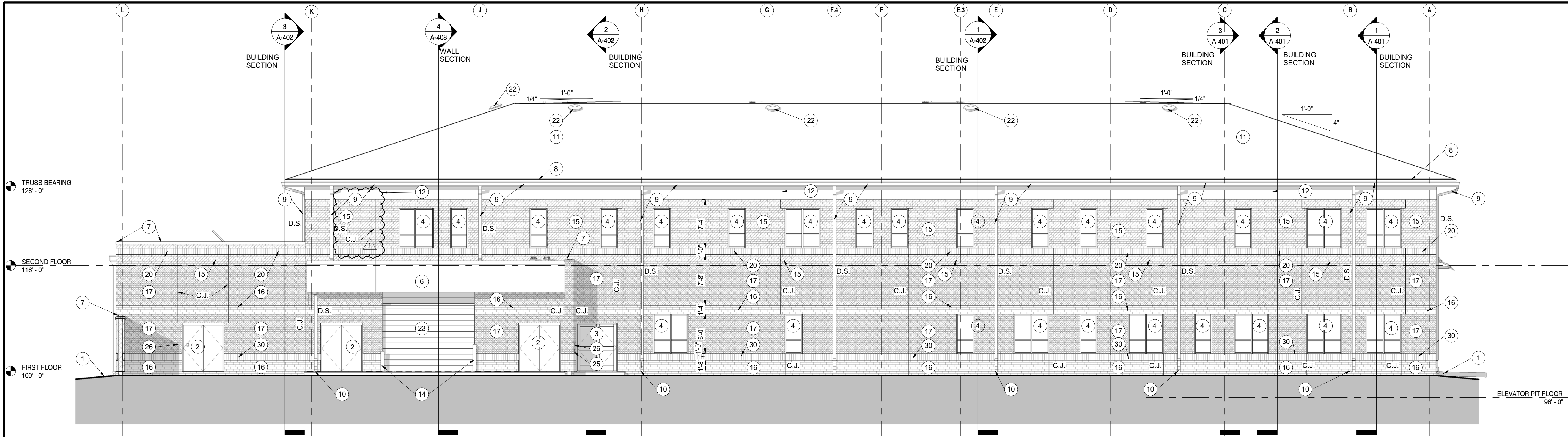
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## ELEVATION NOTES:

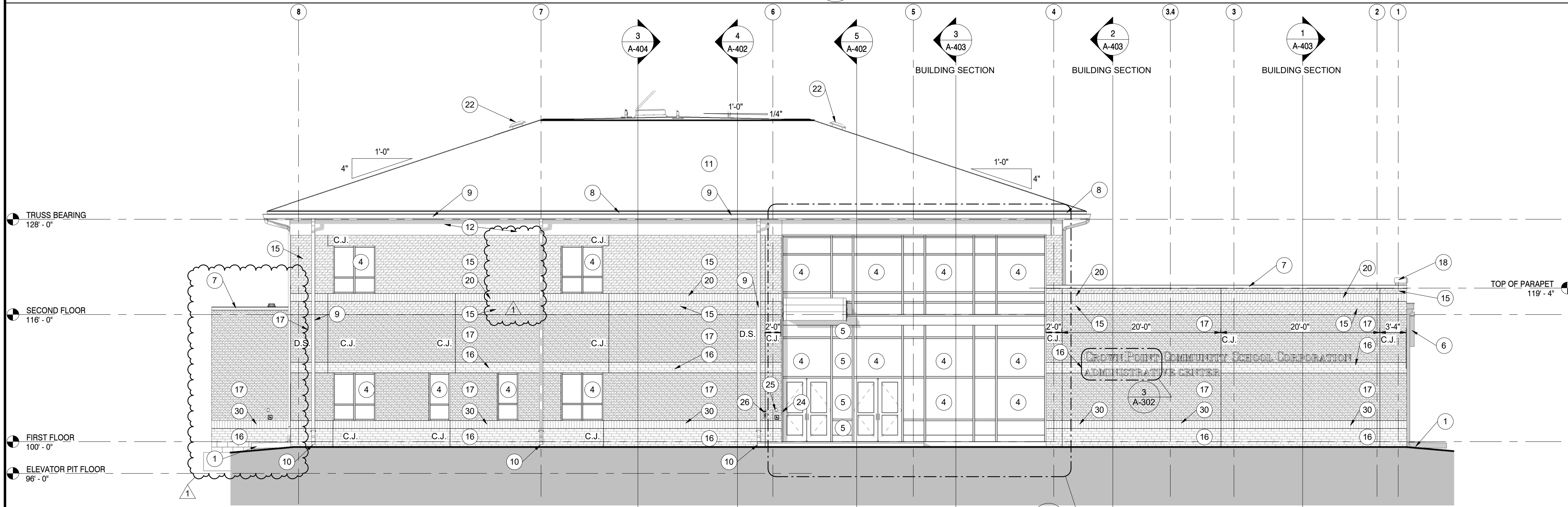
(ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS SHEET)

- APPROXIMATE FINISH GRADE. REFER TO CIVIL DRAWINGS.
- HOLLOW METAL FRAME AND INSULATED METAL DOOR.
- ALUMINUM STOREFRONT SYSTEM WITH ALUMINUM DOORS.
- ALUMINUM WINDOW SYSTEM WITH ALUMINUM SILL. SEE SHEET A604
- PROVIDE 1" INSULATED SPANDREL GLAZING PANEL.
- PREFINISHED METAL WALL PANELS.
- METAL PARAPET COPING. REFER TO ROOF PLAN.
- METAL FASCIA. REFER TO ROOF PLAN.
- METAL GUTTER AND DOWNSPOUTS. TIE INTO STORM SEWER SEE CIVIL.
- DOWNSPOUT BOOT. REFER TO CIVIL DRAWINGS.
- ASPHALT SHINGLES.
- PREFINISHED METAL FRIEZE.
- LIGHT FIXTURE. REFER TO ELECTRICAL DRAWINGS.
- PIPE BOLLARD. REFER TO CIVIL DRAWINGS.
- FACE BRICK (TYPE A1) COLOR A - LIGHT - 1/3 RUNNING BOND - 4X4X12 UTILITY.
- FACE BRICK (TYPE B1) COLOR B - MEDIUM - 1/3 RUNNING BOND - 4X4X12 UTILITY.
- FACE BRICK (TYPE C1) COLOR C - DARK - 1/3 RUNNING BOND - 4X4X12 UTILITY.
- CUT LIMESTONE CAP. REFER TO SECTIONS.
- PREFINISHED METAL SCUPPER, COLLECTION HEAD, AND DOWNSPOUT.
- FACE BRICK (TYPE A1) COLOR A - LIGHT - SOLDIER COURSE - 4X4X12 UTILITY.
- 12'-0" x 12'-0" FRESH AIR INTAKE LOUVER. SEE MECHANICAL.
- ROOF MOUNTED POWER VENT.
- INSULATED COILING OVERHEAD DOOR.
- KNOX BOX. COORDINATE LOCATION WITH LOCAL SERVICING FIRE DEPARTMENT.
- PUSH PAD FOR ADA OPERATOR. REFER TO ELECTRICAL DRAWINGS.
- CARD / FOB READER. REFER TO ELECTRICAL / TECHNOLOGY DRAWINGS.
- MECHANICAL SCREEN WALL 40'-0" LONG x 8'-0" HIGH x 1'-4" THICK (4" BRICK, 8" CMU, 4" BRICK) WITH PREFINISHED METAL PARAPET CAP. SEE CIVIL FOR CONTINUATION.
- FACE BRICK (TYPE A1) COLOR A - LIGHT - ROWLOCK COURSE - 4X4X12 UTILITY.
- DATE STONE AND TIME CAPSULE. REFER TO DETAIL.
- FACE BRICK (TYPE B1) COLOR B - MEDIUM - SOLDIER COURSE - 4X4X12 UTILITY.



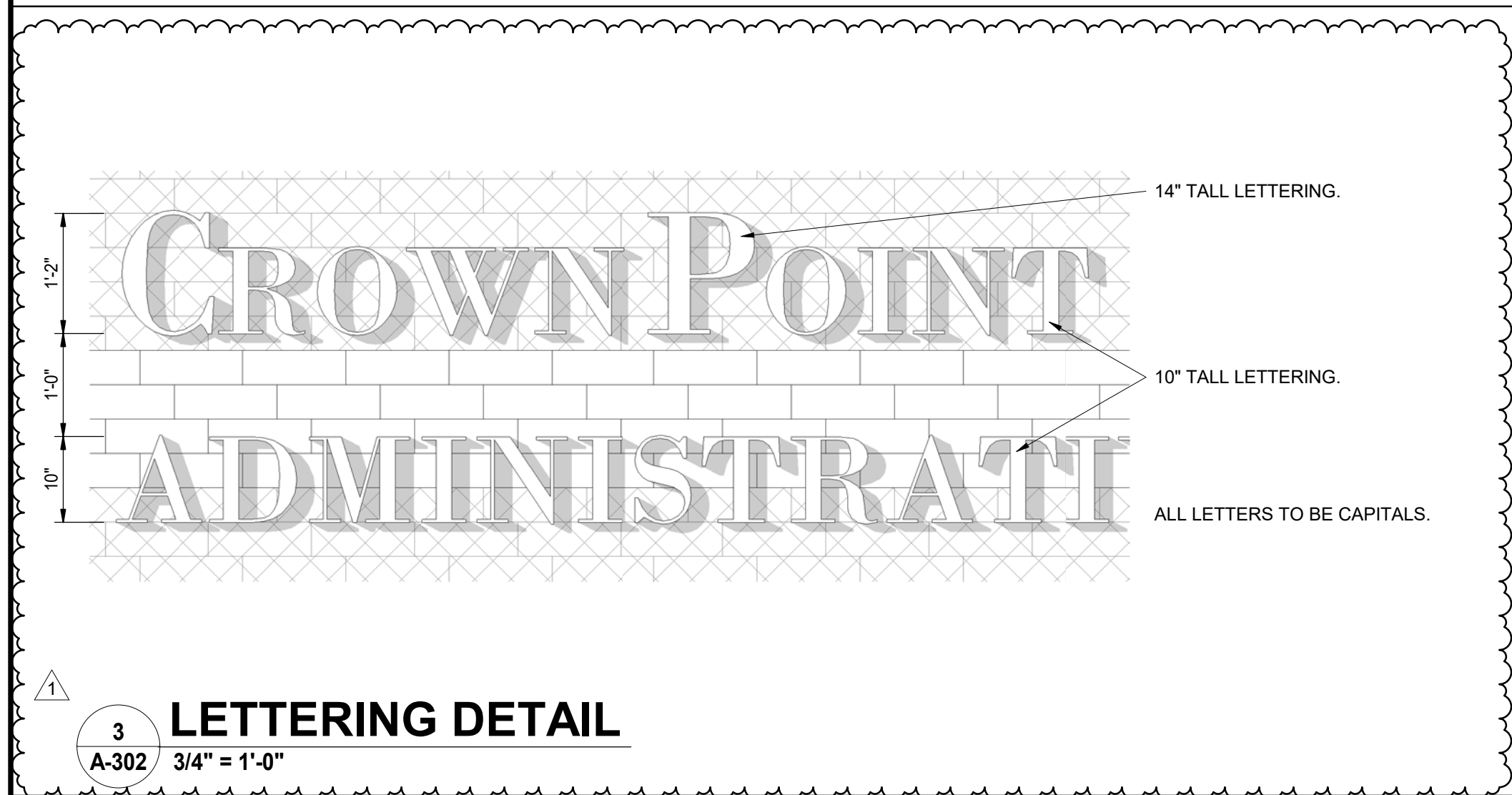
## EAST ELEVATION

2  
A-302 1/8" = 1'-0"



## NORTH ELEVATION

1  
A-302 1/8" = 1'-0"



## LETTERING DETAIL

3  
A-302 3/4" = 1'-0"





**GIBALTAR**  
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

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

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

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DATE

04/15/22

COORDINATED BY

GWT

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JMG

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REVISIONS

MARK DATE ISSUED FOR

1AD-6 04/28/2022 ADDENDUM NO. 1

DRAWING  
DOOR SCHEDULE

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

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SHEET

**AD A-601**

## DOOR AND FRAME SCHEDULE - FIRST FLOOR

DOORS					GLASS			FRAME				HARDWARE						
NO	DESCRIPTION	TYPE	WIDTH	HEIGHT	MATERIAL	DOOR	SIDELIGHT	TRANSOM	MATERIAL	WIDTH	JAMB	HEAD	SILL	ELEVATION	LABEL	EXIT DEVICE	CLOSER	NOTES
101A	DOUBLE	3	6'-0"	8'-0"	AL	C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF1	--	YES	--	2, 3
101B	DOUBLE	3	6'-0"	8'-0"	AL	C	C	C	AL	6"	SEE ELEV	SEE ELEV	SEE ELEV	SF1	--	YES	--	
101C	DOUBLE	3	6'-0"	8'-0"	AL	E	E	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF1	--	YES	--	
101D	DOUBLE	3	6'-0"	8'-0"	AL	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF1	--	YES	--	
102A	SINGLE	3	3'-0"	7'-0"	AL	A	A	A	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF3	--	YES	--	2, 3
105A	DOUBLE	1	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
105B	DOUBLE	1	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
105C	DOUBLE	1	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
106A	DOUBLE	8	6'-0"	8'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	2, 3
106B	DOUBLE	8	6'-0"	8'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
107A	DOUBLE	8	6'-0"	8'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
107B	DOUBLE	8	6'-0"	8'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
108A	DOUBLE	8	6'-0"	8'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	2, 3
108B	DOUBLE	8	6'-0"	8'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
108C	SINGLE	2	3'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
108D	SINGLE	2	3'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
109A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	2, 3
110A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
111A	DOUBLE	3	6'-0"	7'-2"	AL	C	--	--	AL	6"	J1	H1	--	SF2	--	YES	--	
112A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
113A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	2, 3
117A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
120A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
121A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	YES	--	
121B	DOUBLE	2	6'-0"	7'-0"	WD	E	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	2, 3
123A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	YES	--	
124A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	YES	--	
125A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	YES	--	
126A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	YES	--	2, 3
127A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	YES	--	
128A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	YES	--	
133A	DOUBLE	1	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	SF11	--	YES	--	
134A	DOUBLE	2	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	2, 3
136A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
138A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
139A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
140A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	YES	--	2, 3
141A	DOUBLE	8	6'-0"	8'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
142A	DOUBLE	2	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
143A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF9	--	YES	--	
143B	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	YES	--	2, 3
144A	DOUBLE	2	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
144B	DOUBLE	2	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
147A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	YES	--	
148A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--	YES	--	2, 3
148B	SINGLE	2	3'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
149A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
150A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
151A	SINGLE	2	3'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	2, 3
152A	SINGLE	2	3'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
153A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
154A	DOUBLE	2	6'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
158A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	YES	--	2, 3
159A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF6	--	YES	--	
160A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF9	--	YES	--	
162A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF6	--	YES	--	
163A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	YES	--	2, 3
163B	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--	YES	--	
164A	SINGLE	2	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF1	--	YES	--	
165A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
166A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	0"	SEE ELEV	SEE ELEV	SEE ELEV	SF10	--	YES	--	2, 3
167A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--	YES	--	
168A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF6	--	YES	--	
170A	DOUBLE	3	6'-0"	7'-2"	AL	C	--	--	AL	6"	J1	H1	--	SF2	--	YES	--	
170B	DOUBLE	3	6'-0"	7'-0"	AL	C	--	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF2	--	YES	--	2, 3
171A	DOUBLE	1	6'-0"	7'-0"	IM	--	--	--	IM	1'-0 3/4"	J1 4/A-603	H1 5/A-603	--	HM2	--	YES	--	
171B	DOUBLE	2	6'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
171C	DOUBLE	2	6'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
171D	DOUBLE	1	6'-0"	7'-0"	IM	--	--	--	IM	1'-0 3/4"	J1 4/A-603	H1 5/A-603	--	HM2	--	YES	--	2, 3
171E	COLING	8	14'-0"	12'-0"	STL	--	--	--	STL	5/A602	7/A602	--	D	--	YES	--		
172A	DOUBLE	1	6'-0"	7'-0"	IM	--	--	--	IM	1'-0 3/4"	J1 4/A-603	H1 5/A-603	--	HM2	--	YES	--	
172B	DOUBLE	1	6'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM2	--	YES	--	
173A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	2, 3
175A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
176A	SINGLE	2	3'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	
177A	SINGLE	2	3'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--	YES	--	

## DOOR AND FRAME SCHEDULE - SECOND FLOOR

NO	DESCRIPTION	DOORS			GLASS			FRAME				HARDWARE			
		TYPE	WIDTH	HEIGHT	MATERIAL	DOOR	SIDELIGHT	TRANSOM	MATERIAL	WIDTH	JAMB	HEAD	SILL	ELEVATION	LABEL
202A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--
203A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--
203B	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--
204A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--
205A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--
206A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--
207A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--
208A	SINGLE	1	3'-0"	7'-0"	STL	--	--	--	HM	10 7/8"	J1	H1	--	HM1	--
209A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--
210A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--
211A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--
212A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF5	--
213A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--
213B	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--
214A	SINGLE	1	3'-0"	7'-0"	WD	--	--	--	HM	8 3/8"	J1	H1	--	HM1	--
215A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF8	--
216B	SINGLE	2	3'-0"	7'-0"	WD	A	A	--	HM	8 3/8"	J1	H1	--	HM1	--
215C	SINGLE	2	3'-0"	7'-0"	WD	A	--	--	HM	8 3/8"	J1	H1	--	HM1	--
219A	SINGLE	4	3'-0"	7'-0"	WD	A	A	--	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF7	--



4/28/2022 3:42:18 PM  
Y:\21-115\_Crown Point\CSC - New Admin Center, Alternative School, and Related Work\21-115 Drawings - New Admin Center, Alternative School, and Related Work\21-115 Revit\21-115\_Crown Point  
CSC\_NEW\_ADMIN\_ARCH.rvt



**GIBALTAR**  
DESIGN  
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PROJECT:

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

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
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PROJECT

21-115

DATE

4/15/22

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CLN

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REVISIONS

MARK DATE ISSUED FOR

AD-1 04/28/2022 ADDENDUM 01

DRAWING  
FIRST FLOOR EQUIPMENT  
PLAN

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

SHEET

AD

SHEET

A-701

**EQUIPMENT PLAN GENERAL 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-710, FOR TOILET ROOM EQUIPMENT

**EQUIPMENT PLAN LEGEND:**

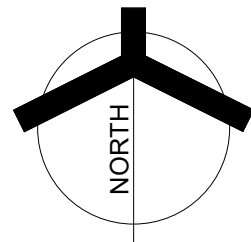
- INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL -- REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (CG1) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
- (CG2) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 17/A-501
- (MB) INDICATES 4" HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (SMB) INDICATES 4" HIGH MARKER BOARD WITH MUSIC STAFF LINES LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (PMB) INDICATES 4" HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TB) INDICATES 4" HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TS) INDICATES TACK STRIP LENGTH AS INDICATED, TO BE MOUNTED TOP EDGE 6'-6" AFF.
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW
- (ERS) INDICATES ELECTRIC ROLLER SHADE FIT TO WINDOW (ALTERNATE)

**KEY NOTES:**

- 1 EXISTING LOOSE FURNITURE, BY OWNER. INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
- 2 COMPUTER/MONITOR, BY OWNER.
- 3 PRINTER/COPIER, BY OWNER.
- 4 REFRIGERATOR WITH ICE MAKER, BY OWNER.
- 5 MICROWAVE, BY OWNER.
- 6 FOLDING PARTITION (MANUAL).
- 7 COFFEE MAKER, BY OWNER.
- 8 WATER COOLER, BY OWNER.
- 9 DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS.
- 10 LOOSE FURNITURE, TO BE PURCHASED BY OWNER. INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
- 11 COAT RACK



**FIRST FLOOR EQUIPMENT PLAN**  
1 A-701 1/8" = 1'-0"

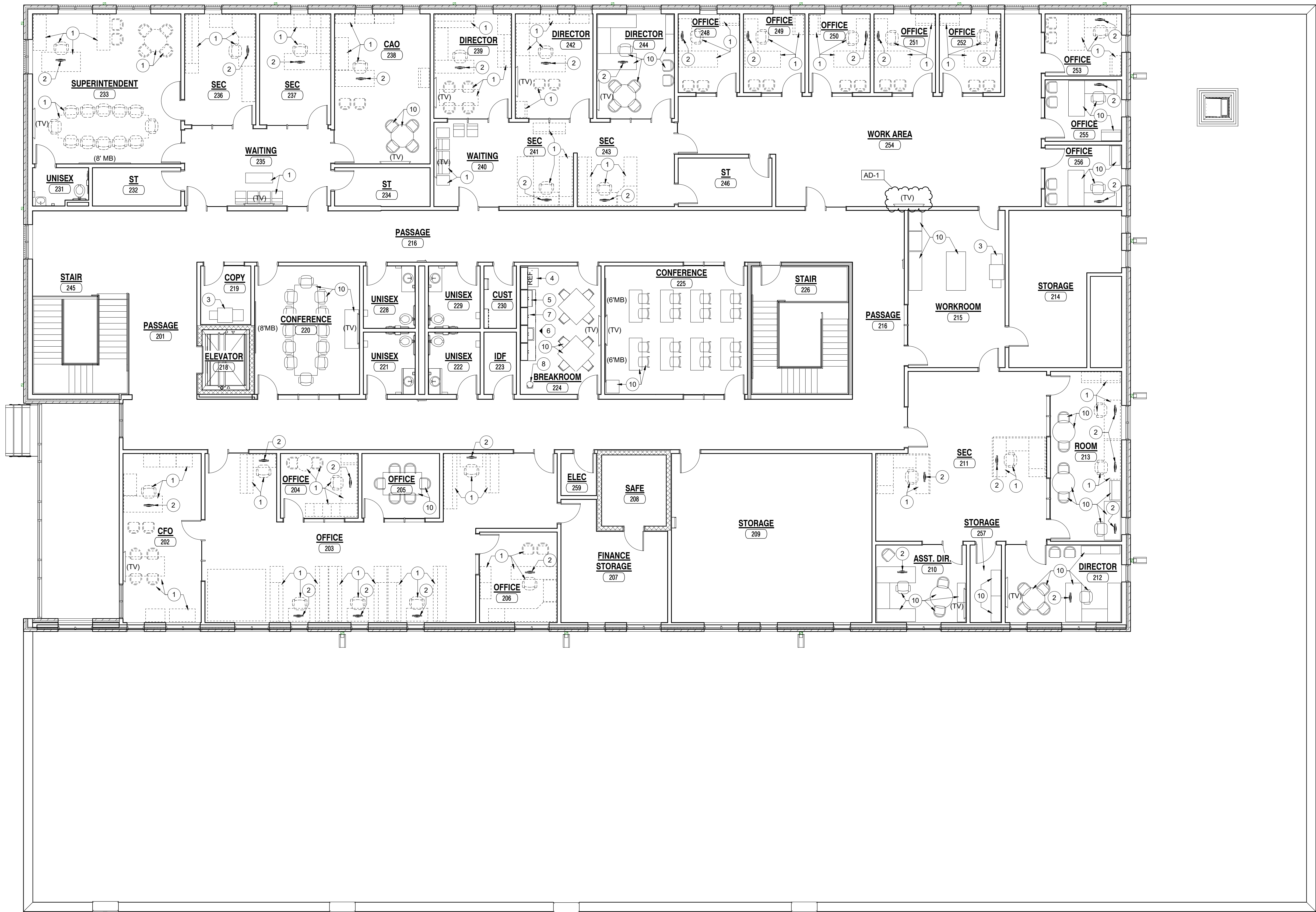


AD-1

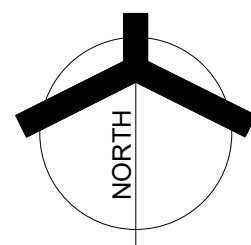
REMOVE ROLLER SHADES (RS) AT ALL LOCATIONS.



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1  
A-702  
SECOND FLOOR EQUIPMENT PLAN  
1/8" = 1'-0"



#### EQUIPMENT PLAN GENERAL NOTES:

- REFER TO SPECIFICATIONS AND FINISH LEGEND FOR ADDITIONAL INFORMATION.
- FIELD VERIFY ALL DIMENSIONS
- CASEWORK AND/OR MILLWORK INSTALLER TO COORDINATE ELECTRICAL AND PLUMBING WORK. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR ELECTRICAL DEVICE TYPES, HEIGHTS, AND LOCATIONS
- REFER TO G-301 FOR MOUNTING HEIGHTS
- REFER TO ENLARGED TOILET ROOM PLANS, SHEET A-710, FOR TOILET ROOM EQUIPMENT

#### EQUIPMENT PLAN LEGEND:

- INDICATES MISCELLANEOUS CASEWORK ELEVATION SYMBOL -- REFER TO A-700 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- INDICATES ITEMS TO BE PART OF LOOSE EQUIPMENT PACKAGE BY OWNER. (NOT INCLUDED IN CONSTRUCTION CONTRACTS).
- INDICATES BULKHEADS OR OTHER OVERHEAD ITEMS (INCLUDED IN CONSTRUCTION CONTRACTS).
- (CG1) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 18/A-501
- (CG2) INDICATES CORNER GUARD, CG1. REFERENCE DETAIL 17/A-501
- (MB) INDICATES 4' HIGH MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (SMB) INDICATES 4' HIGH MARKER BOARD WITH MUSIC STAFF LINES LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (PMB) INDICATES 4' HIGH PROJECTABLE MARKER BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TB) INDICATES 4' HIGH TACK BOARD LENGTH AS INDICATED, REFER TO MOUNTING HEIGHT DRAWING. REFER TO DETAIL 1/A-501
- (TS) INDICATES TACK STRIP LENGTH AS INDICATED, TO BE MOUNTED TOP EDGE 6'-8" AFF.
- (RS) INDICATES ROLLER SHADE FIT TO WINDOW
- (ERS) INDICATES ELECTRIC ROLLER SHADE FIT TO WINDOW (ALTERNATE)

#### KEY NOTES:

- EXISTING LOOSE FURNITURE, BY OWNER. INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
- COMPUTER/MONITOR, BY OWNER.
- PRINTER/COPIER, BY OWNER.
- REFRIGERATOR WITH ICE MAKER, BY OWNER.
- MICROWAVE, BY OWNER.
- FOLDING PARTITION (MANUAL).
- COFFEE MAKER, BY OWNER.
- WATER COOLER, BY OWNER.
- DRINKING FOUNTAIN, SEE PLUMBING DRAWINGS.
- LOOSE FURNITURE, TO BE PURCHASED BY OWNER. INDICATED ON PLAN FOR ELECTRICAL AND TECHNOLOGY COORDINATION.
- COAT RACK



**GIBALTAR**  
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT:

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

CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

#### GIBALTAR DESIGN

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PROJECT

21-115

DATE

4/15/22

COORDINATED BY

JKF

DRAWN BY

EKM

CHECKED BY

CLN

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REVISIONS

MARK	DATE	ISSUED FOR
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AD-1	04/28/2022	ADDENDUM 01
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DRAWING  
SECOND FLOOR EQUIPMENT  
PLAN

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

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DESIGN

SHEET

AD

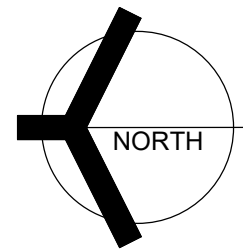
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**FIRST FLOOR REFLECTED CEILING PLAN**  
1  
A-901 1/8" = 1'-0"



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

**GENERAL NOTES**

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

**CEILING LEGEND**

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

**REFLECTED CEILING PLAN NOTES:**

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

**GENERAL REFLECTED CEILING FINISH NOTES:**

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

**REFLECTED CEILING FINISH NOTES:**

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



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

PROJECT:

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

CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GIBALTAR DESIGN**

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PROJECT

DATE

04/15/22

COORDINATED BY

GWT

DRAWN BY

JMG

CHECKED BY

GWT

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REVISIONS

MARK DATE ISSUED FOR

1AD-6 04/28/2022 ADDENDUM NO. 1

DRAWING  
FIRST FLOOR REFLECTED CEILING PLAN

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

DESIGN

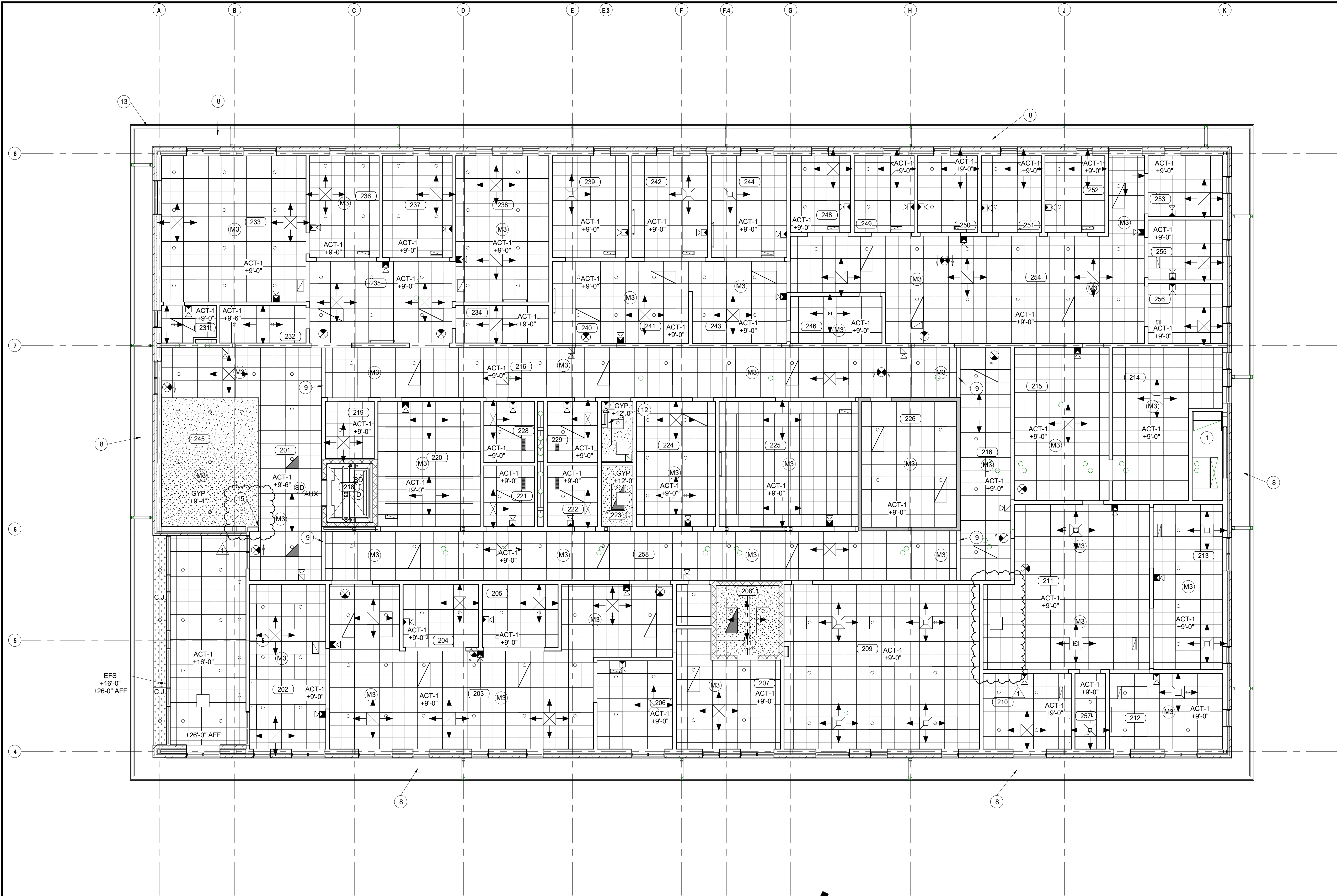
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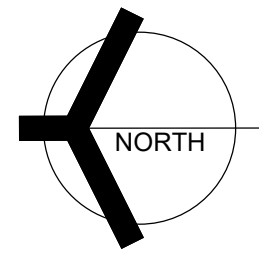


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1  
A-902 / 1/8" = 1'-0"

ARCHITECTURAL SECOND FLOOR  
REFLECTED CEILING PLAN



Second Floor Room Legend	
Number	Name
SECOND FLOOR	
201	PASSAGE
202	CFO
203	OFFICE
204	OFFICE
205	OFFICE
206	OFFICE
207	FINANCE STORAGE
208	SAFE
209	STORAGE
210	ASST. DIR.
211	SEC
212	DIRECTOR
213	ROOM
214	STORAGE
215	WORKROOM
216	PASSAGE
217	PASSAGE
218	ELEVATOR
219	COPY
220	CONFERENCE
221	UNISEX
222	UNISEX
223	ID
224	BREAKROOM
225	CONFERENCE
226	STAIR
227	PASSAGE
228	UNISEX
229	UNISEX
230	CUST
231	UNISEX
232	ST
233	SUPERINTENDENT
234	ST
235	WAITING
236	REGISTER
237	SEC
238	CAO
239	DIRECTOR
240	WAITING
241	SEC
242	DIRECTOR
243	SEC
244	DIRECTOR
245	STAIR
246	ST
247	OFFICE
248	OFFICE
249	OFFICE
250	OFFICE
251	OFFICE
252	OFFICE
253	OFFICE
254	WORK AREA
255	OFFICE
256	OFFICE
257	STORAGE
258	PASSAGE
259	ELEC

## GENERAL NOTES

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- REFER TO FLOOR PLANS FOR WALL TYPES.
- REFER TO FIRE PROTECTION DRAWINGS FOR SPRINKLER HEAD TYPES AND QUANTITIES. HEADS HAVE INTENTIONALLY BEEN OMITTED FOR CLARITY.
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- REFER TO MECHANICAL DRAWINGS FOR DIFFUSERS, GRILL TYPES AND QUANTITIES. ALL MECHANICAL ITEMS MAY NOT BE INDICATED ON THIS SHEET.
- REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

## CEILING LEGEND

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

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- INSTALL CEILING GRID "T" ADJACENT TO WALL ANGLE AND OMIT TILE ALONG THIS WALL.
- INSTALL CEILING GRID WITH A FULL TILE ALONG THIS WALL.
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- GYPSON BOARD BULKHEAD.
- CONCRETE CEILING.
- TRACK FOR OPERABLE FOLDING WALL SYSTEM.
- ROOF HATCH.
- PREFINISHED METAL GUTTER.
- EFS SOFFIT
- 1" REVEAL

## GENERAL REFLECTED CEILING FINISH NOTES:

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

## REFLECTED CEILING FINISH NOTES:

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

- PAINT WINDOW RECESS P5 ON ALL EXPOSED SIDES.
- PAINT BULKHEAD P2 ON ALL EXPOSED SIDES.
- PAINT BULKHEAD P5 ON ALL EXPOSED SIDES.
- PAINT BULKHEAD P11 ON ALL EXPOSED SIDES.
- PAINT BULKHEAD P4 ON ALL EXPOSED SIDES.
- PAINT BULKHEAD P1 ON ALL EXPOSED SIDES.
- PAINT BULKHEAD P3 ON ALL EXPOSED SIDES.
- PAINT BULKHEAD P4 ON ALL EXPOSED SIDES EXCEPT VERTICAL FACE INSIDE OF RECESS PAINT P11.
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PROJECT

DATE

04/15/22

COORDINATED BY

GWT

DRAWN BY

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CHECKED BY

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REVISIONS

MARK	DATE	ISSUED FOR
1AD-6	04/28/2022	ADDENDUM NO. 1
PR-11		

DRAWING  
SECOND FLOOR REFLECTED  
CEILING PLAN

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

GIBALTAR  
DESIGN

SHEET

AD

A-902







[illegible]

			MECHANICAL EQUIPMENT SCHEDULE - TAFT MIDDLE SCHOOL																																															
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	FAN MOTOR DATA								POW EXH FAN DATA				CHILLED WATER COOLING EQUIPMENT/COIL DATA												HOT WATER HEATING EQUIPMENT/COIL DATA												ELECTRICAL DATA								UNITS CONTROLLED BY	EQUIP WEIGHT	REMARKS
				CFM	MIN OAI	T&P	ESP	HP	RFM	CFM	ESP	HP	RFM	MBH	SHC	GPM	EDB	EWB	LDB	LWB	EWT	LWT	MAX WPD	CAT	MBH (IN)	MBH (OUT)	GPM	EAT	LAT	EWT	LWT	MAX WPD	LOAD				MOCP	VOLT	PHASE	HZ	STARTER	MC	EC							
				CFM	CFM																											HP	MCA	FLA	AMPS															
B-1	CAMUS	DR1600	GAS FIRED HW CONDENSING BOILER w/SEALED COMBUSTION	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1600	1511	152	-	-	160	180	160	5	-	6	-	-	15	120	1	60	X	-	FM15	582	NOTE 1						
FC-1	TRANE	FCCB100	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	550	115	-	0.3 (2) 1/4	1150	-	-	-	-	20.1	14.1	3.4	80	61	56.5	54.1	40	52	5	-	-	46.2	3.4	60	131	180	160	5	-	6	-	-	15	120	1	60	X	-	WALL MTD TSTAT	200	NOTE 2						
FC-2	TRANE	FCCB060	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	440	55	-	0.3 1/4	1291	-	-	-	-	14.9	10.5	2.5	80	61	58.2	56.1	40	52	9	-	-	23.3	2.5	60	109	180	160	11	-	3.9	-	-	15	120	1	60	X	-	WALL MTD TSTAT	139	NOTE 2						
FC-3	TRANE	FCCB060	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	415	60	-	0.3 1/4	1261	-	-	-	-	14.3	10	2.4	80	61	51.9	55.9	40	52	8	-	-	22.5	2.4	60	110	180	160	16	-	3.9	-	-	15	120	1	60	X	-	WALL MTD TSTAT	139	NOTE 2						
FC-4	TRANE	FCCB100	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	810	55	-	0.3 (2) 1/4	1408	-	-	-	-	29.3	20.1	4.9	80	61	58.2	56.2	40	52	10	-	-	61.3	4.9	60	131	180	160	9	-	6.1	-	-	15	120	1	60	X	-	WALL MTD TSTAT	200	NOTE 2						
FC-5	TRANE	FCCB100	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	105	10	-	0.3 (2) 1/4	1339	-	-	-	-	21.3	19.1	4.5	80	61	51.1	55.8	40	52	9	-	-	62.3	4.5	60	133	180	160	8	-	6.1	-	-	15	120	1	60	X	-	WALL MTD TSTAT	200	NOTE 2						
FC-6	TRANE	FCCB100	HORIZONTAL CONCEALED DUCTED CHILLED/HOT WATER FAN COIL - 4 PIPE	535	90	-	0.3 (2) 1/4	1148	-	-	-	-	20.2	13.8	3.4	80	61	56.4	54.1	40	52	5	-	-	13.9	3.4	60	138	180	160	5	-	6.1	-	-	15	120	1	60	X	-	WALL MTD TSTAT	200	NOTE 2						
TEF-1	TWIN CITY	DCRD-070BE	ROOF MOUNTED TOILET EXHAUST FAN	115	-	-	0.4 1/6	1613	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/6	-	-	-	-	120	1	60	-	X	WALL SWITCH	30	NOTE 3							
TEF-2	TWIN CITY	DCRD-095BE	ROOF MOUNTED TOILET EXHAUST FAN	465	-	-	0.5 1/4	1382	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/4	-	-	-	-	120	1	60	-	X	WALL SWITCH	50	NOTE 3							
GEF-1	TWIN CITY	DCRD-120BE	ROOF MOUNTED GENERAL EXHAUST FAN (CLINIC A-104)	165	-	-	0.5 1/2	1215	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	1/2	-	-	-	-	120	1	60	-	X	WALL SWITCH	55	NOTE 3							
NOTES:																																																		
1. PROVIDE WITH: • PROVIDE WITH COMBUSTION AIR INTAKE DAMPER. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.																																																		
2. PROVIDE WITH: • DISCONNECT SWITCH • VIBRATION ISOLATION HANGERS • CONDENSATE PUMP • TERMINAL STRIPS FOR DDC READY • UNIT CONFIGURATION: - FRONT SUPPLY AIR DUCT COLLAR - REAR RETURN AIR DUCT COLLAR SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.																																																		
3. PROVIDE WITH: • DISCONNECT SWITCH • ECM MOTOR WITH POTENTIOMETER SPEED CONTROLLER • MOTORIZED DAMPER • BIRD SCREEN																																																		

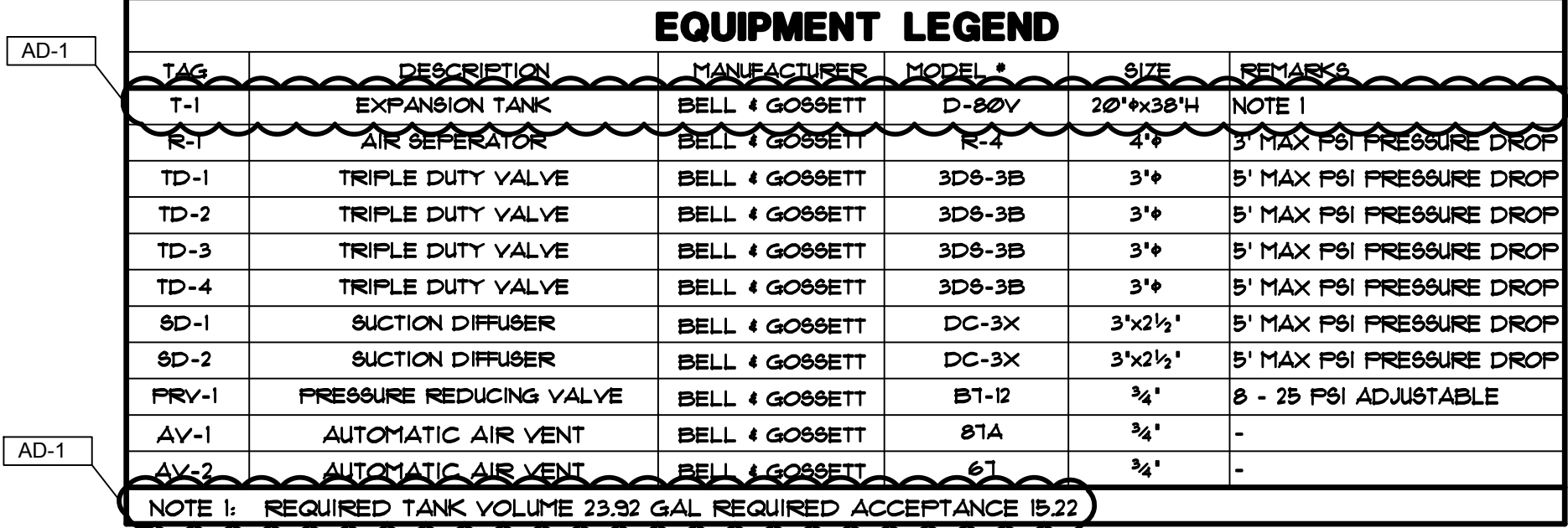
<div> <div></div> <div>LOUVER SCHEDULE</div> </div>					
TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	SIZE	REMARKS
LV-1	NAILOR	1606WD	OUTSIDE AIR INTAKE LOUVER	SEE DRAWINGS	ALUMINUM KYNAR 500 CUSTOM FINISH SUBMIT COLOR CHARTS FOR APPROVAL

INTAKE/RELIEF HOOD SCHEDULE						
TAG	MANUFACTURER	MODEL #	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS
RI-I	ACME	CLV	SEE PLANS	EXHAUST/RELIEF AIR HOOD	ROOF OF MECH. ROOM	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.
RI-I	ACME	#TIV	12x12	OUTSIDE AIR INTAKE HOOD FOR FC-123,45,46	ROOF	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.

PUMP SCHEDULE												
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	GPM	HEAD (FT.)	PUMP MOTOR DATA					DISCHARGE SIZE	REMARKS
						HP	RPM	VOLT	PHASE	HZ		
BP-1	BELL & GOSSETT	SERIES 80 3x3xTC	HOT WATER BOILER RECIRCULATING PUMP	114	20	1	1750	480	3	60	3'3/4"	-
BP-2	BELL & GOSSETT	SERIES 80 3x3xTC	HOT WATER BOILER RECIRCULATING PUMP	114	20	1	1750	480	3	60	3'3/4"	-
HWP-1	BELL & GOSSETT	SERIES 1510 2BD	HOT WATER DISTRIBUTION PUMP	119	60	5	1565	480	3	60	2 1/2"	HOT WATER PRIMARY PUMPS W/VPD OPERATING IN PARALLEL. 238 GPM AT 60 FT. HD. WITH DUAL POWER FEEDERS
HWP-2	BELL & GOSSETT	SERIES 1510 2BD	HOT WATER DISTRIBUTION PUMP	119	60	5	1565	480	3	60	2 1/2"	
CP-1	BELL & GOSSETT	SERIES 80 4x4xTB	CHILLED WATER RECIRCULATION PUMP	238	30	3	1750	480	3	60	4'4"	-
CWP-1	BELL & GOSSETT	SERIES 1510 2AD-E8	CHILLED WATER DISTRIBUTION PUMP	114	45	3	1721	480	3	60	2 1/2"	CHILLED WATER PRIMARY PUMPS W/VPD OPERATING IN PARALLEL. 228 GPM AT 45 FT. HD. WITH DUAL POWER FEEDERS
CWP-2	BELL & GOSSETT	SERIES 1510 2AD-E8	CHILLED WATER DISTRIBUTION PUMP	114	45	3	1721	480	3	60	2 1/2"	





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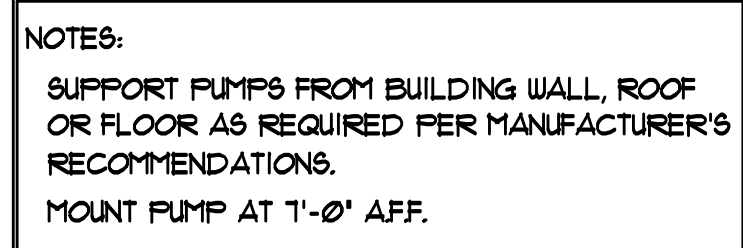
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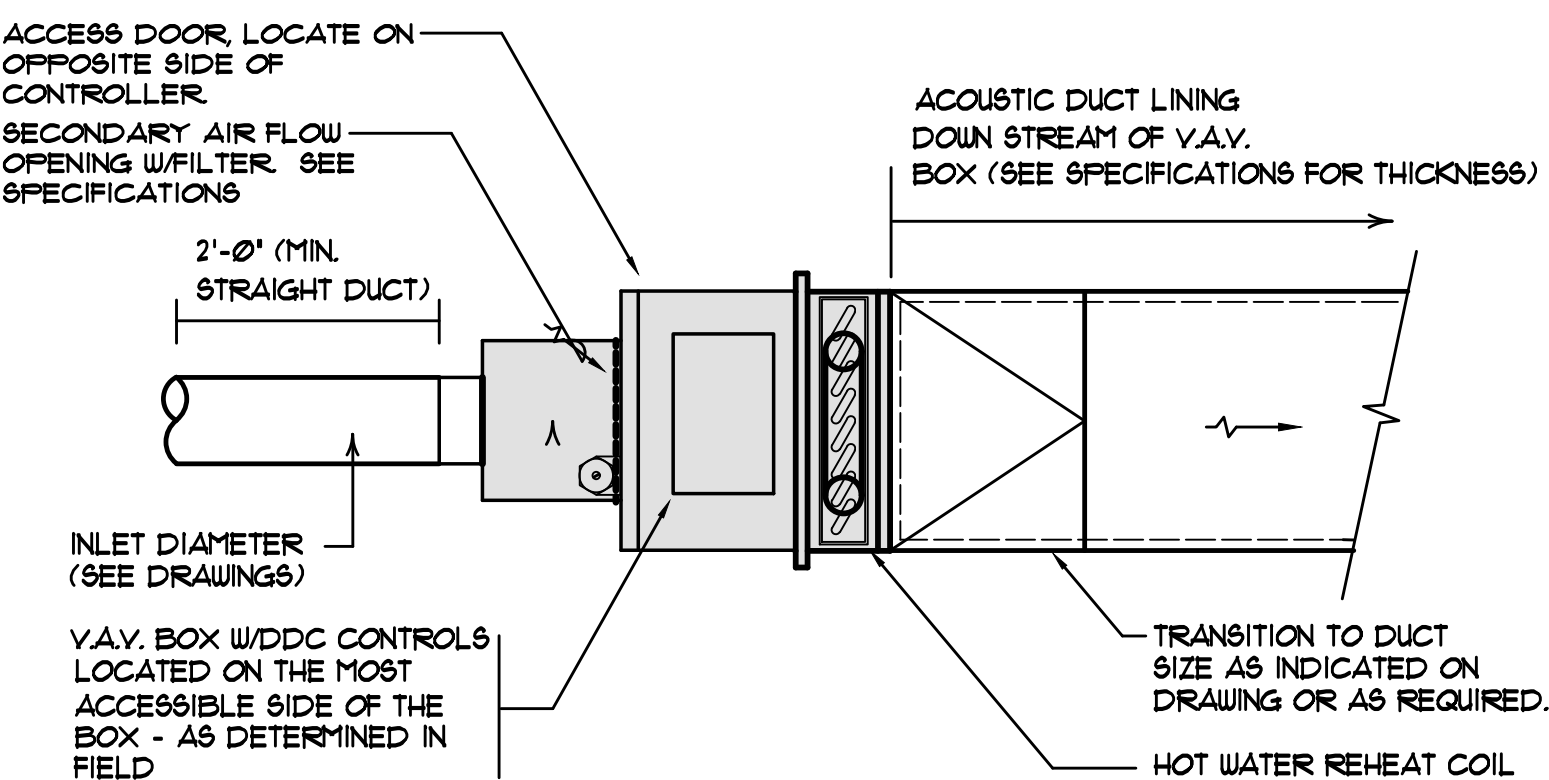
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## (NTS)



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## MECHANICAL DETAILS & DIAGRAMS

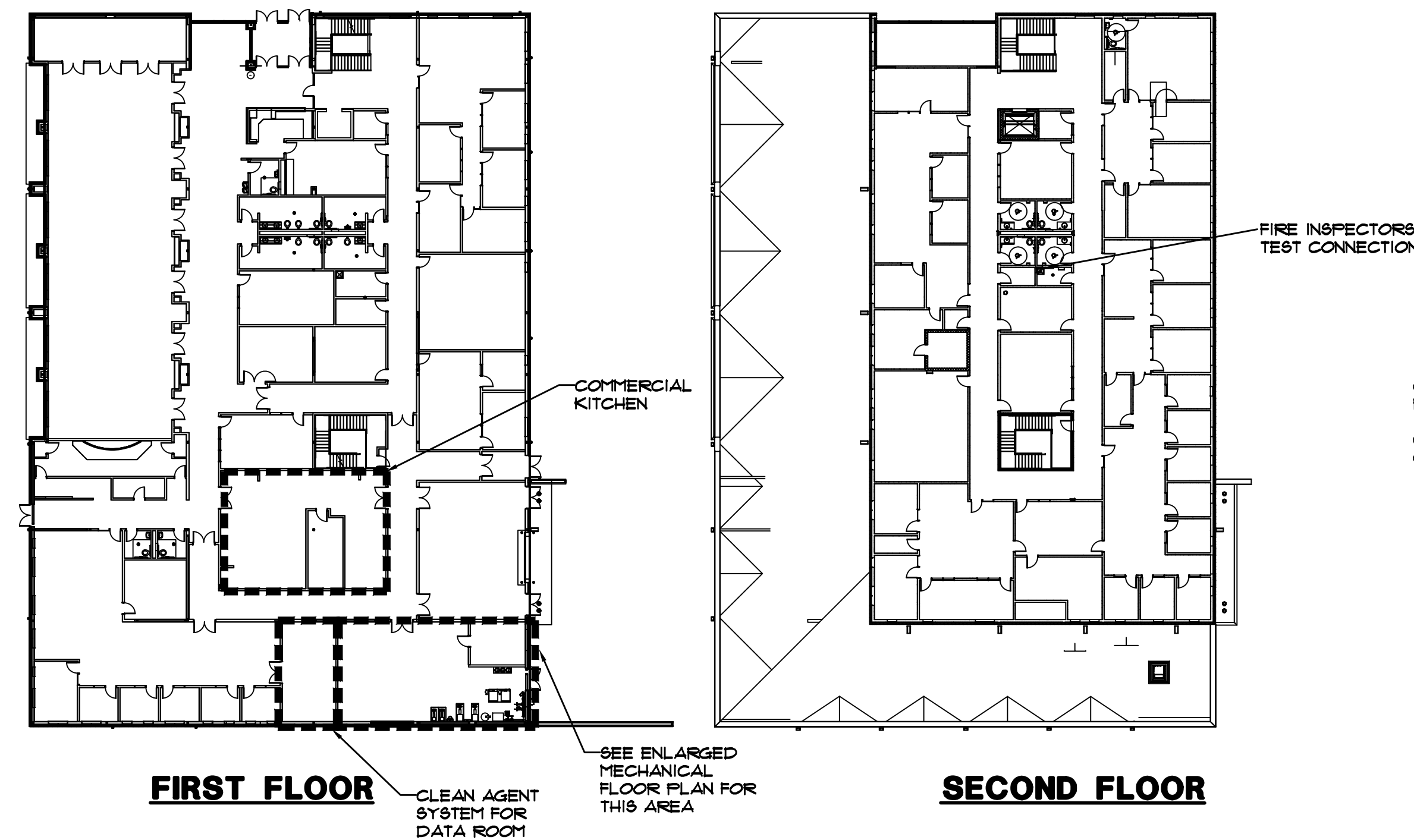
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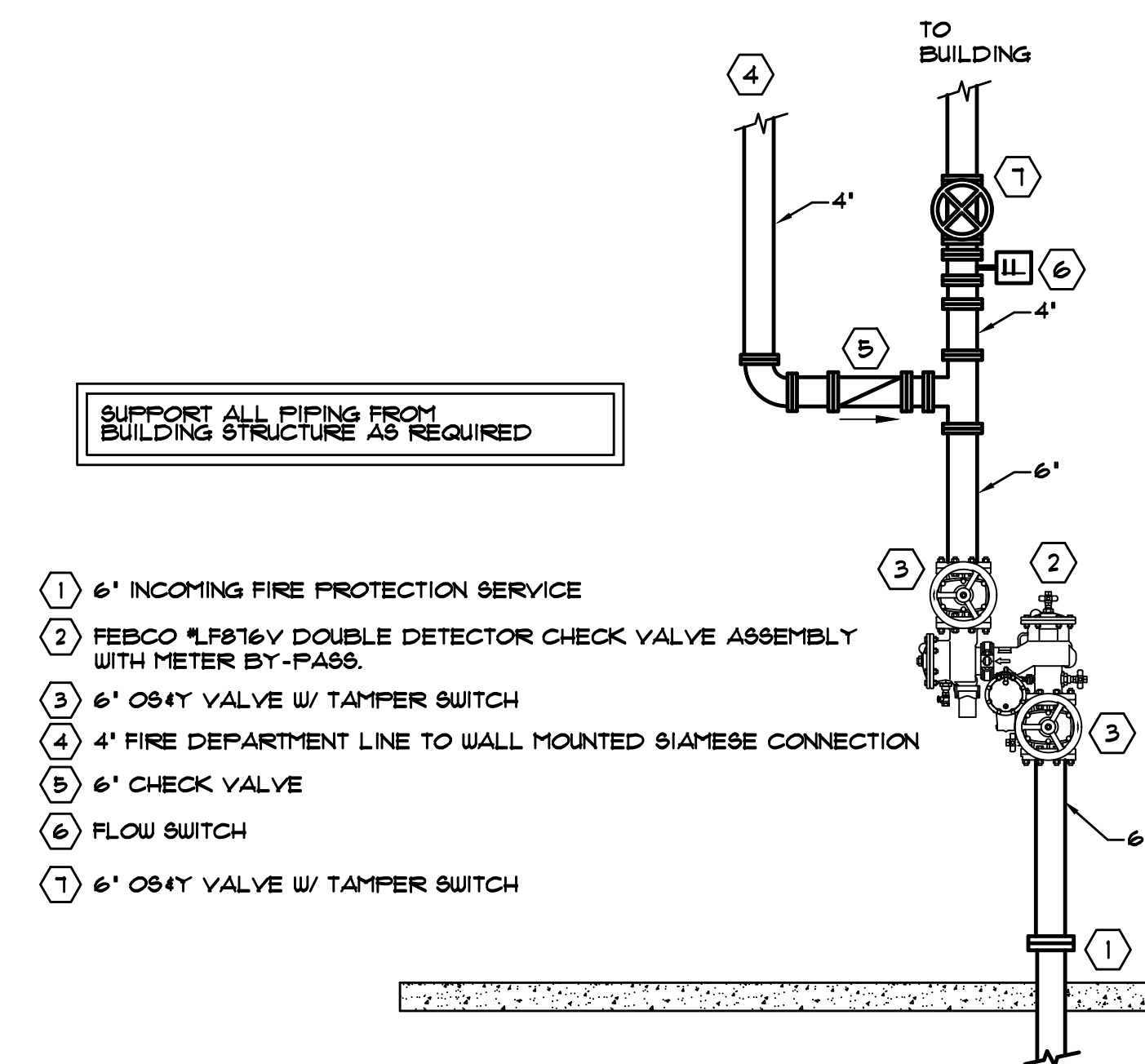
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**FIRE PROTECTION ZONING PLAN / FIRE INSPECTORS TEST CONNECTION**

## FIRE PROTECTION SERVICE DIAGRAM

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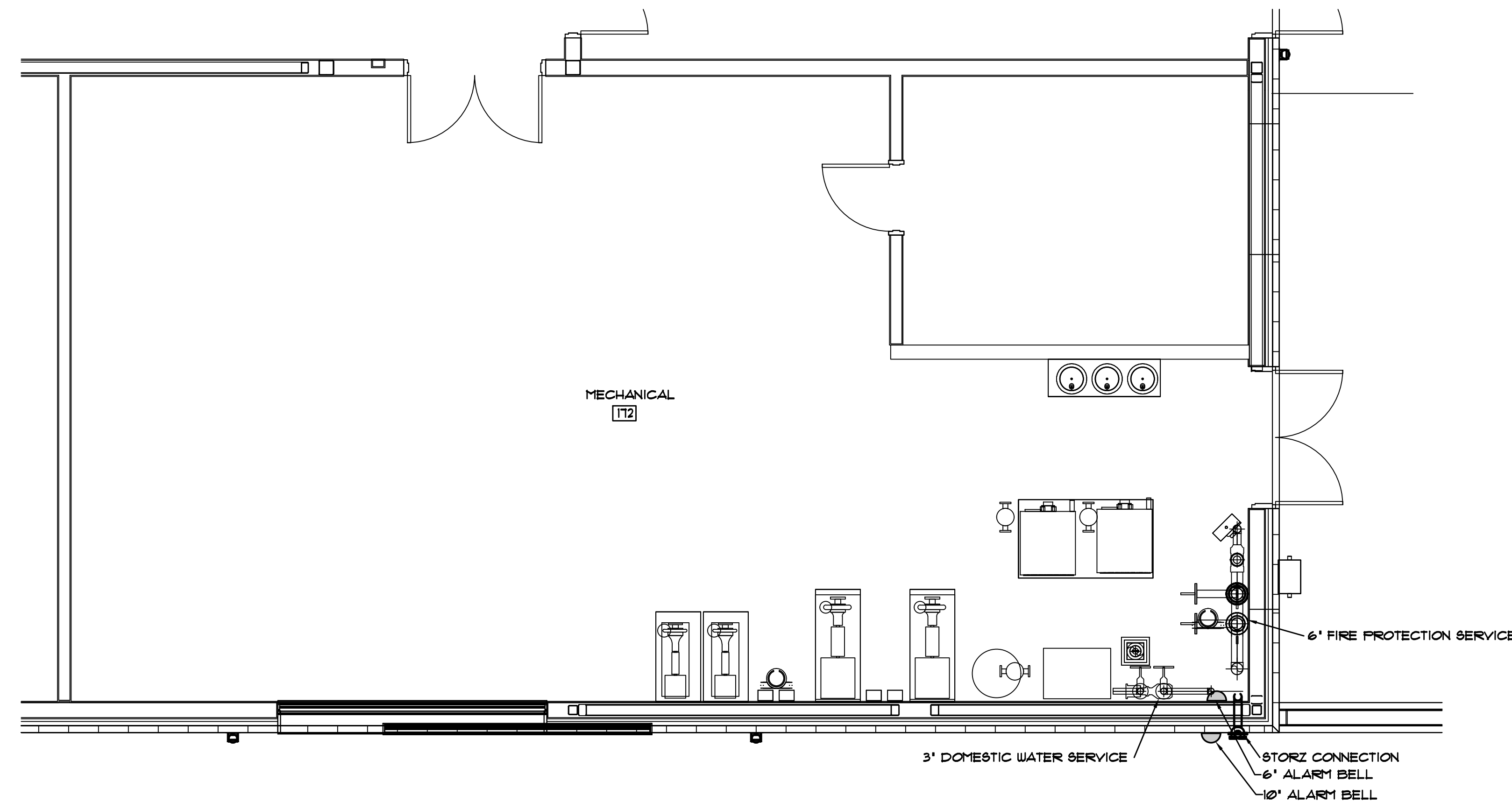
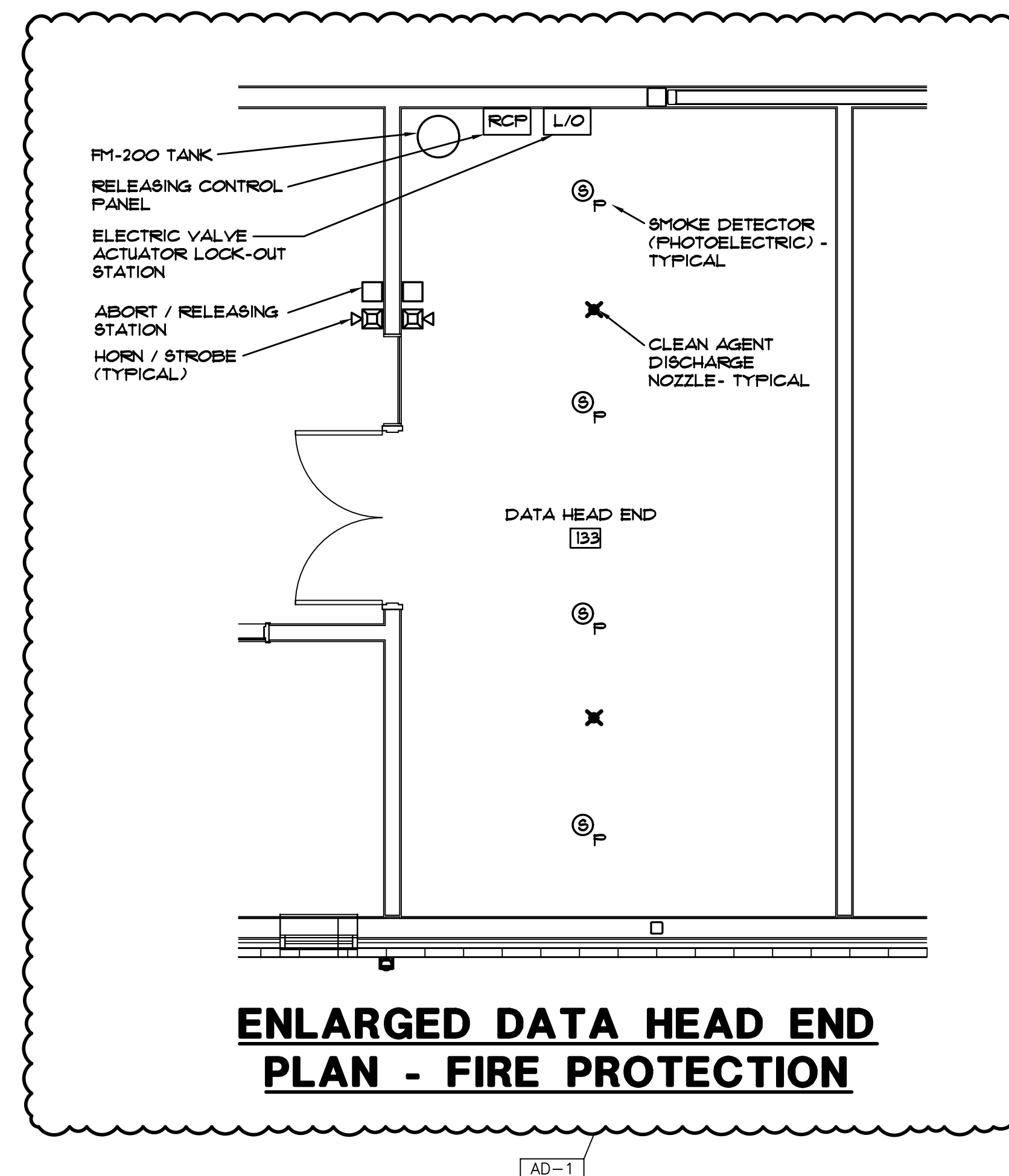
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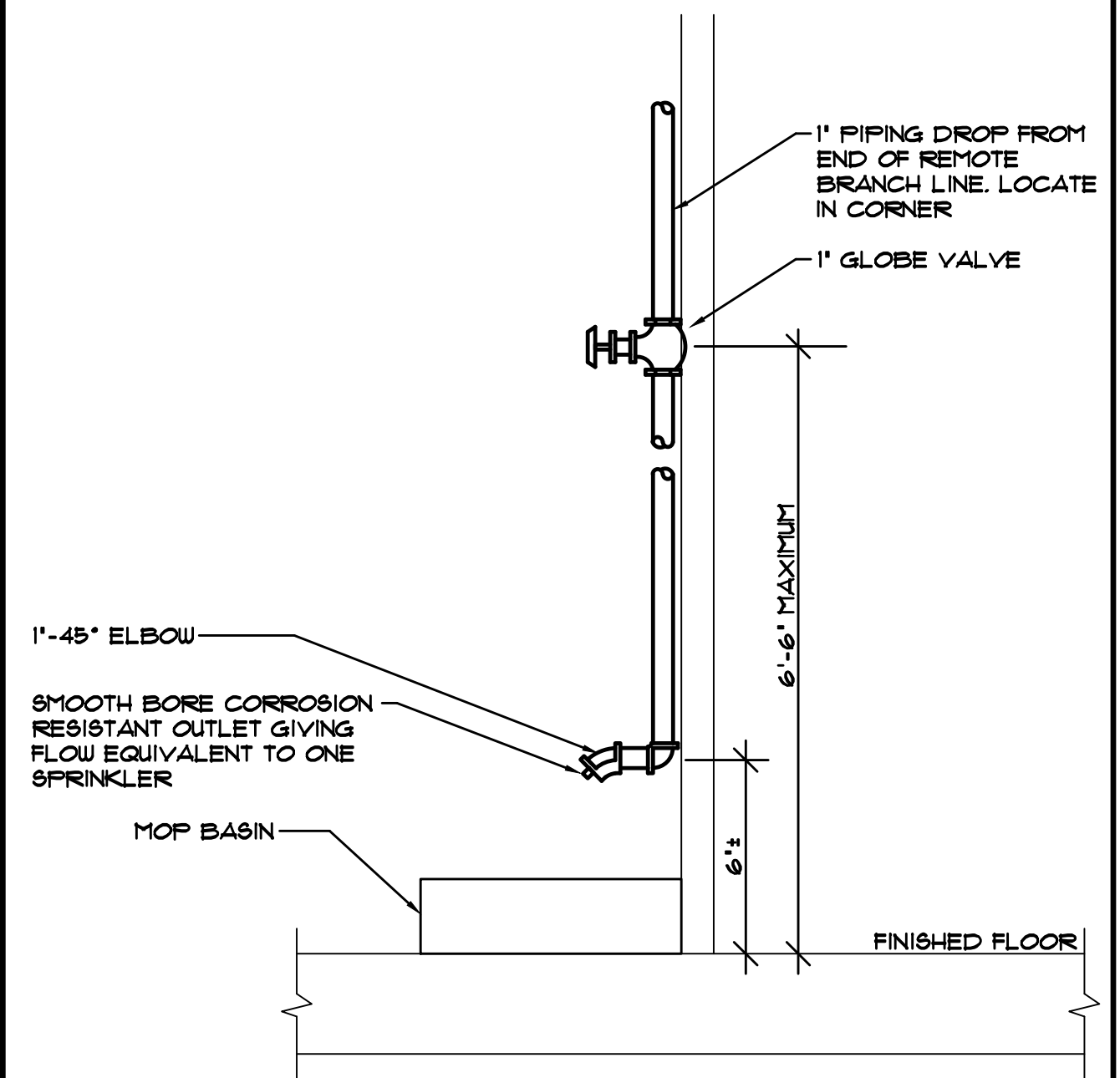
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CROWN POINT, INDIANA



### INSPECTOR'S TEST PIPE DETAIL

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**KEY PLAN** 

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SM  
DRAWN BY  
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FIRE PROTECTION NOTES,  
DETAILS, SYMBOLS &  
ABBREVIATIONS

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