

**ADDENDUM  
NO. 1**

**March 2, 2023**

**JERRY ROSS ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,  
AND RELATED WORK  
Crown Point, IN 46307**

**TO: ALL BIDDERS OF RECORD**

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications, and the Drawings dated February 9, 2023 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 March 1, 2023 and consisting of 5 pages, Specification Section 07 31 00 - Shingle Roofing, Specification Section 07 95 00 - Expansion Joint Systems and 27 drawings.

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

**1. Delete:**

Specification Section 06 20 00 - Finish Carpentry

**2. Add:**

Specification Section 07 31 00 - Shingle Roofing  
Specification Section 07 95 00 - Expansion Joint Systems

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

**A. BID CATEGORY NO. 1 - SITEWORK/GENERAL TRADES**

**1. Delete:**

Specification Section 06 20 00 - Finish Carpentry

**1. Add:**

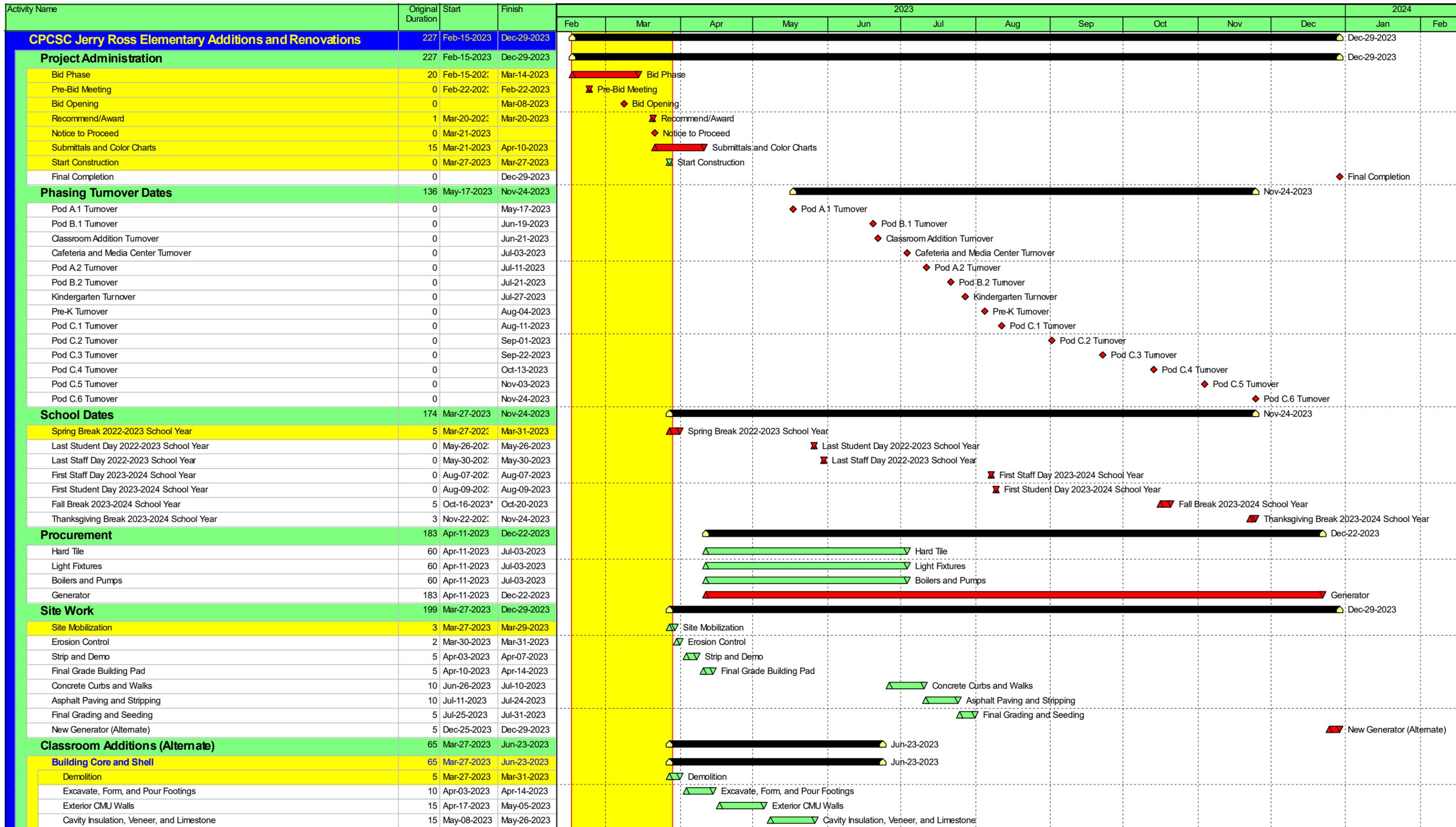
Specification Section 07 31 00 - Shingle Roofing

Specification Section 07 95 00 - Expansion Joint Systems

**C. SPECIFICATION SECTION 01 32 00 - SCHEDULES AND REPORTS**

**1. Replace:**

The original Guideline Schedule and Phasing Plan (PH-1) with the attached, revised Guideline Schedule and Phasing Plan (PH-1).



- Actual Work
- Remaining Work
- Critical Remaining Work
- Milestone
- Summary

**220210.11 - CPCSC Jerry Ross Elementary Additions and Renovations**

**Revised Guideline Schedule Addendum 1 Mar-02-2023**

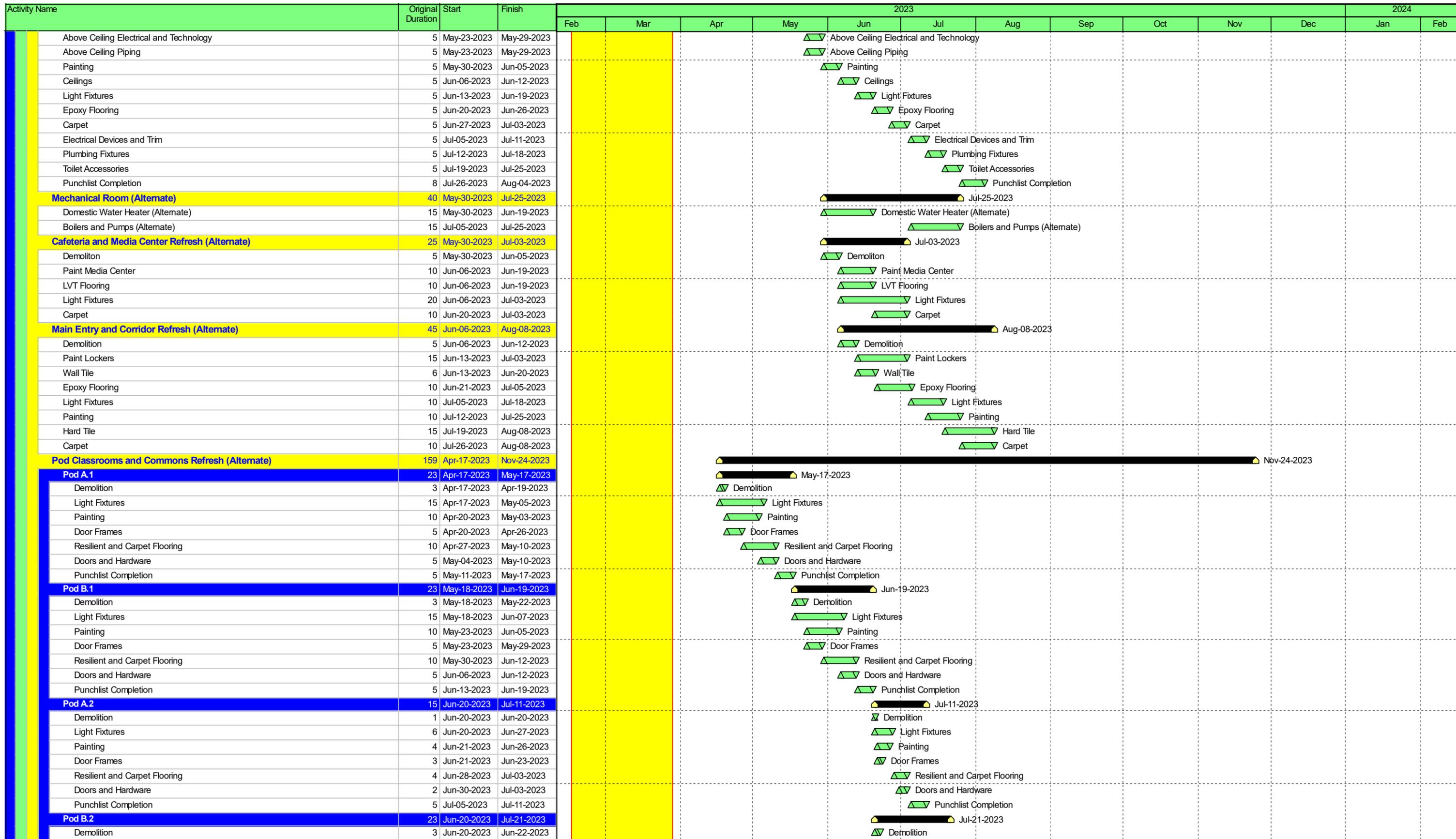


Activity Name	Original Duration	Start	Finish	2023												2024	
				Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	
EIFS	10	May-29-2023	Jun-09-2023						△▽ EIFS								
Roofing Details	5	Jun-12-2023	Jun-16-2023						△▽ Roofing Details								
Exterior Windows	5	Jun-19-2023	Jun-23-2023						△▽ Exterior Windows								
<b>Interior Buildout</b>	<b>58</b>	<b>Apr-03-2023</b>	<b>Jun-21-2023</b>						△▽ Jun-21-2023								
Underground Utilities	3	Apr-03-2023	Apr-05-2023						△▽ Underground Utilities								
Prep and Pour Slab-On-Grade	5	Apr-06-2023	Apr-12-2023						△▽ Prep and Pour Slab-On-Grade								
Interior CMU Walls	5	Apr-13-2023	Apr-19-2023						△▽ Interior CMU Walls								
In-Wall Electrical Rough-Ins	5	Apr-13-2023	Apr-19-2023						△▽ In-Wall Electrical Rough-Ins								
Ductwork	5	Apr-20-2023	Apr-26-2023						△▽ Ductwork								
Above Ceiling Piping	5	Apr-27-2023	May-03-2023						△▽ Above Ceiling Piping								
Above Ceiling Electrical and Technology	5	May-04-2023	May-10-2023						△▽ Above Ceiling Electrical and Technology								
Painting	5	May-11-2023	May-17-2023						△▽ Painting								
Ceilings	5	May-18-2023	May-24-2023						△▽ Ceilings								
Light Fixtures	5	May-18-2023	May-24-2023						△▽ Light Fixtures								
Casework	5	May-25-2023	May-31-2023						△▽ Casework								
Electrical Devices and Trim	5	May-25-2023	May-31-2023						△▽ Electrical Devices and Trim								
Markerboards and Tackboards	5	May-25-2023	May-31-2023						△▽ Markerboards and Tackboards								
Flooring	5	Jun-01-2023	Jun-07-2023						△▽ Flooring								
Doors and Hardware	5	Jun-08-2023	Jun-14-2023						△▽ Doors and Hardware								
Punchlist Completion	5	Jun-15-2023	Jun-21-2023						△▽ Punchlist Completion								
<b>Interior Renovations</b>	<b>169</b>	<b>Apr-03-2023</b>	<b>Nov-24-2023</b>						△▽ Nov-24-2023								
<b>Kindergarten Classrooms</b>	<b>83</b>	<b>Apr-03-2023</b>	<b>Jul-27-2023</b>						△▽ Jul-27-2023								
Demolition	5	Apr-03-2023	Apr-07-2023						△▽ Demolition								
Underground Utilities	5	Apr-10-2023	Apr-14-2023						△▽ Underground Utilities								
Concrete Patching	5	Apr-17-2023	Apr-21-2023						△▽ Concrete Patching								
In Wall Electrical Rough-Ins	10	Apr-24-2023	May-05-2023						△▽ In Wall Electrical Rough-Ins								
Interior CMU Walls	10	Apr-24-2023	May-05-2023						△▽ Interior CMU Walls								
Door Frames, Doors, and Hardware	5	Apr-24-2023	Apr-28-2023						△▽ Door Frames, Doors, and Hardware								
Plumbing Rough-Ins	5	Apr-24-2023	Apr-28-2023						△▽ Plumbing Rough-Ins								
Metal Stud Framing	5	May-08-2023	May-12-2023						△▽ Metal Stud Framing								
Ductwork	5	May-08-2023	May-12-2023						△▽ Ductwork								
Above Ceiling Electrical and Technology	5	May-15-2023	May-19-2023						△▽ Above Ceiling Electrical and Technology								
Above Ceiling Piping	5	May-15-2023	May-19-2023						△▽ Above Ceiling Piping								
Drywall and Tape	5	May-15-2023	May-19-2023						△▽ Drywall and Tape								
Painting	5	May-22-2023	May-26-2023						△▽ Painting								
Wall Tile	5	May-29-2023	Jun-02-2023						△▽ Wall Tile								
Ceilings	10	Jun-05-2023	Jun-16-2023						△▽ Ceilings								
Light Fixtures	10	Jun-05-2023	Jun-16-2023						△▽ Light Fixtures								
Mechanical Trim	5	Jun-05-2023	Jun-09-2023						△▽ Mechanical Trim								
Plumbing Fixtures	5	Jun-19-2023	Jun-23-2023						△▽ Plumbing Fixtures								
Casework	5	Jun-19-2023	Jun-23-2023						△▽ Casework								
Epoxy Floor	5	Jun-26-2023	Jun-30-2023						△▽ Epoxy Floor								
Electrical Devices and Trim	5	Jun-26-2023	Jun-30-2023						△▽ Electrical Devices and Trim								
Toilet Accessories	5	Jun-26-2023	Jun-30-2023						△▽ Toilet Accessories								
LVT Flooring	5	Jul-03-2023	Jul-10-2023						△▽ LVT Flooring								
Carpet Flooring	10	Jul-11-2023	Jul-24-2023						△▽ Carpet Flooring								
Punchlist Completion	3	Jul-25-2023	Jul-27-2023						△▽ Punchlist Completion								
<b>Pre-K Classrooms</b>	<b>84</b>	<b>Apr-10-2023</b>	<b>Aug-04-2023</b>						△▽ Aug-04-2023								
Demolition and Floor Infill	5	Apr-10-2023	Apr-14-2023						△▽ Demolition and Floor Infill								
Underground Utilities	5	Apr-17-2023	Apr-21-2023						△▽ Underground Utilities								
Prep and Pour Concrete Slab	5	Apr-24-2023	Apr-28-2023						△▽ Prep and Pour Concrete Slab								
Metal Stud Framing	3	May-01-2023	May-03-2023						△▽ Metal Stud Framing								
In Wall Electrical Rough-Ins	3	May-04-2023	May-08-2023						△▽ In Wall Electrical Rough-Ins								
Ductwork	5	May-09-2023	May-15-2023						△▽ Ductwork								
Drywall and Tape	5	May-16-2023	May-22-2023						△▽ Drywall and Tape								

-  Actual Work
-  Remaining Work
-  Critical Remaining Work
-  Milestone
-  Summary

**220210.11 - CPCSC Jerry Ross Elementary Additions and Renovations**  
**Revised Guideline Schedule Addendum 1 Mar-02-2023**

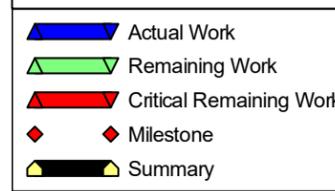




- ▲ Actual Work
- ▲ Remaining Work
- ▲ Critical Remaining Work
- ◆ Milestone
- ▲ Summary

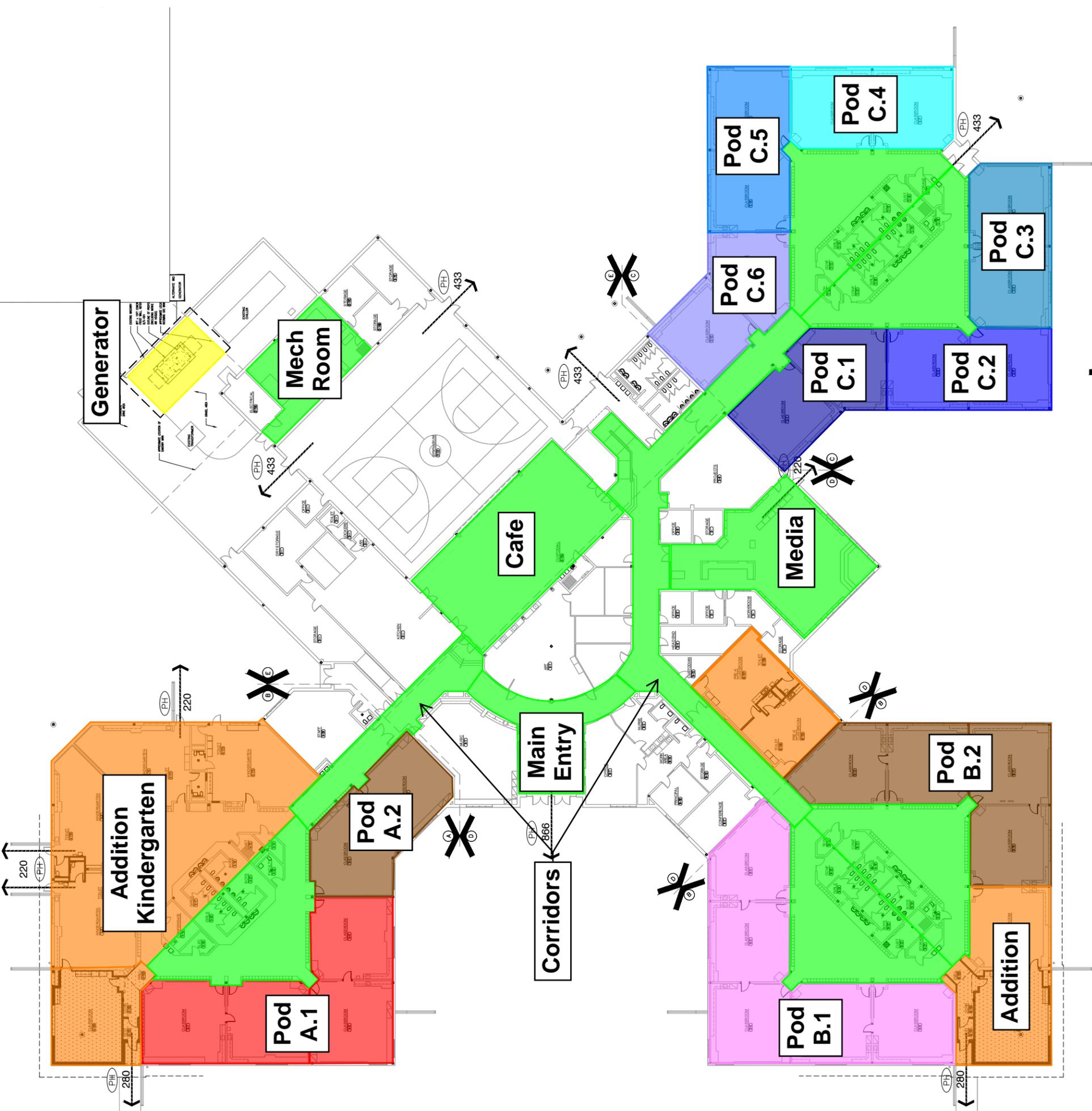
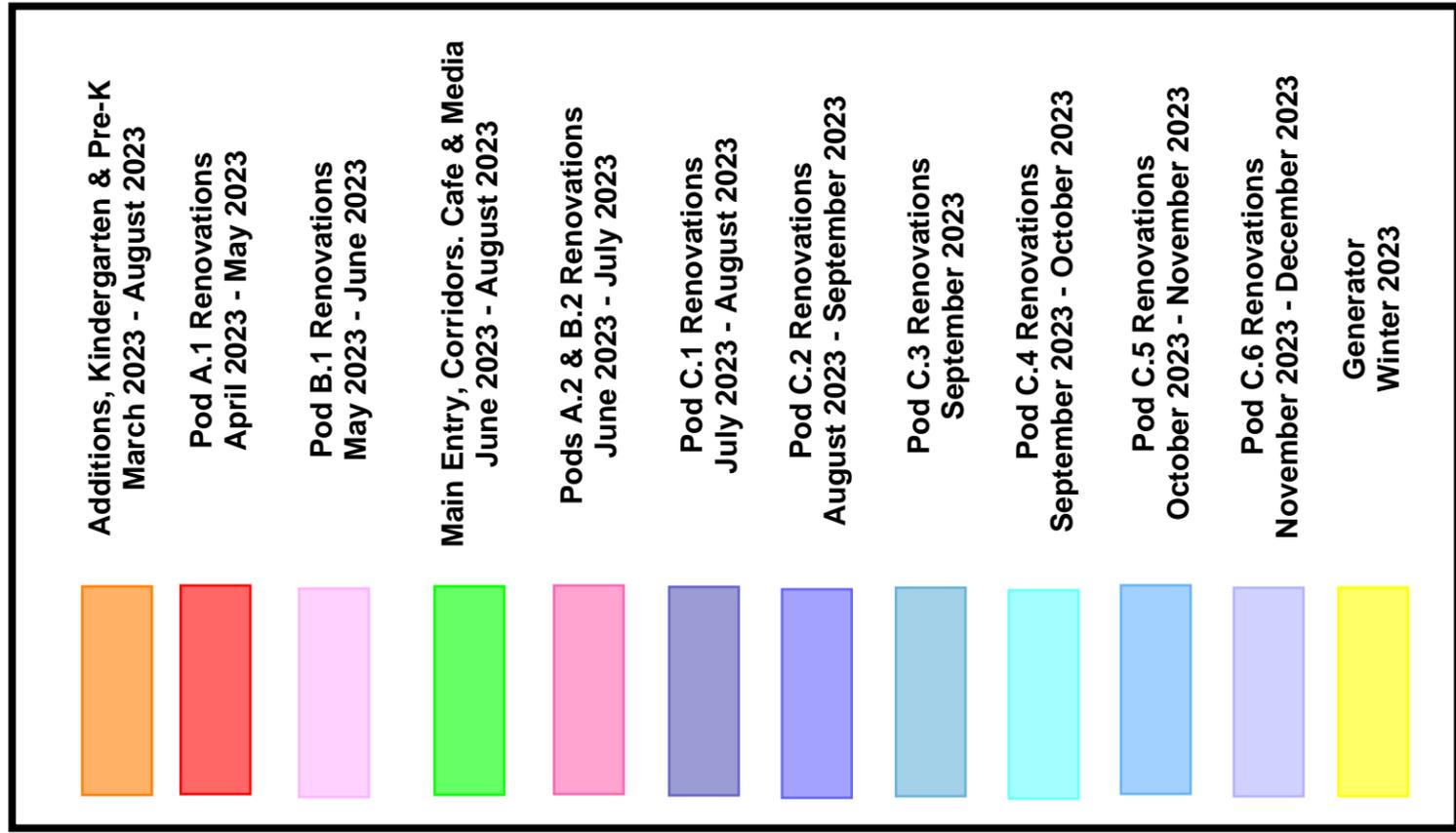


Activity Name	Original Duration	Start	Finish	2023												2024									
				Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb									
Light Fixtures	15	Jun-20-2023	Jul-11-2023							▲▲▲▲▲▲▲▲▲▲▲▲▲▲▲▲															
Painting	10	Jun-23-2023	Jul-07-2023							▲▲▲▲▲▲▲▲▲▲															
Door Frames	5	Jun-23-2023	Jun-29-2023							▲▲▲▲▲															
Resilient and Carpet Flooring	10	Jun-30-2023	Jul-14-2023							▲▲▲▲▲▲▲▲▲▲															
Doors and Hardware	5	Jul-10-2023	Jul-14-2023							▲▲▲▲▲															
Punchlist Completion	5	Jul-17-2023	Jul-21-2023							▲▲▲▲▲															
<b>Pod C.1</b>	<b>15</b>	<b>Jul-24-2023</b>	<b>Aug-11-2023</b>																						
Demolition	1	Jul-24-2023	Jul-24-2023																						
Light Fixtures	6	Jul-24-2023	Jul-31-2023																						
Painting	4	Jul-25-2023	Jul-28-2023																						
Door Frames	3	Jul-25-2023	Jul-27-2023																						
Resilient and Carpet Flooring	4	Aug-01-2023	Aug-04-2023																						
Doors and Hardware	2	Aug-03-2023	Aug-04-2023																						
Punchlist Completion	5	Aug-07-2023	Aug-11-2023																						
<b>Pod C.2</b>	<b>15</b>	<b>Aug-14-2023</b>	<b>Sep-01-2023</b>																						
Demolition	1	Aug-14-2023	Aug-14-2023																						
Light Fixtures	6	Aug-14-2023	Aug-21-2023																						
Painting	4	Aug-15-2023	Aug-18-2023																						
Door Frames	3	Aug-15-2023	Aug-17-2023																						
Resilient and Carpet Flooring	4	Aug-22-2023	Aug-25-2023																						
Doors and Hardware	2	Aug-24-2023	Aug-25-2023																						
Punchlist Completion	5	Aug-28-2023	Sep-01-2023																						
<b>Pod C.3</b>	<b>15</b>	<b>Sep-04-2023</b>	<b>Sep-22-2023</b>																						
Demolition	1	Sep-04-2023	Sep-04-2023																						
Light Fixtures	6	Sep-04-2023	Sep-11-2023																						
Painting	4	Sep-05-2023	Sep-08-2023																						
Door Frames	3	Sep-05-2023	Sep-07-2023																						
Resilient and Carpet Flooring	4	Sep-12-2023	Sep-15-2023																						
Doors and Hardware	2	Sep-14-2023	Sep-15-2023																						
Punchlist Completion	5	Sep-18-2023	Sep-22-2023																						
<b>Pod C.4</b>	<b>15</b>	<b>Sep-25-2023</b>	<b>Oct-13-2023</b>																						
Demolition	1	Sep-25-2023	Sep-25-2023																						
Light Fixtures	6	Sep-25-2023	Oct-02-2023																						
Painting	4	Sep-26-2023	Sep-29-2023																						
Door Frames	3	Sep-26-2023	Sep-28-2023																						
Resilient and Carpet Flooring	4	Oct-03-2023	Oct-06-2023																						
Doors and Hardware	2	Oct-05-2023	Oct-06-2023																						
Punchlist Completion	5	Oct-09-2023	Oct-13-2023																						
<b>Pod C.5</b>	<b>15</b>	<b>Oct-16-2023</b>	<b>Nov-03-2023</b>																						
Demolition	1	Oct-16-2023	Oct-16-2023																						
Light Fixtures	6	Oct-16-2023	Oct-23-2023																						
Painting	4	Oct-17-2023	Oct-20-2023																						
Door Frames	3	Oct-17-2023	Oct-19-2023																						
Resilient and Carpet Flooring	4	Oct-24-2023	Oct-27-2023																						
Doors and Hardware	2	Oct-26-2023	Oct-27-2023																						
Punchlist Completion	5	Oct-30-2023	Nov-03-2023																						
<b>Pod C.6</b>	<b>15</b>	<b>Nov-06-2023</b>	<b>Nov-24-2023</b>																						
Demolition	1	Nov-06-2023	Nov-06-2023																						
Light Fixtures	6	Nov-06-2023	Nov-13-2023																						
Painting	4	Nov-07-2023	Nov-10-2023																						
Door Frames	3	Nov-07-2023	Nov-09-2023																						
Resilient and Carpet Flooring	4	Nov-14-2023	Nov-17-2023																						
Doors and Hardware	2	Nov-16-2023	Nov-17-2023																						
Punchlist Completion	5	Nov-20-2023	Nov-24-2023																						



**220210.11 - CPCSC Jerry Ross Elementary Additions and Renovations**  
**Revised Guideline Schedule Addendum 1 Mar-02-2023**  
 Page 4 of 4





FIRST FLOOR LIFE SAFTEY PLAN  
 SCALE: 1/16" = 1'-0"

## ADDENDUM ONE

**Addendum One (AD.01)** to the drawings and specifications prepared by Gibraltar Design for **Jerry Ross Elementary School Addition, Renovations, and Related Work** for Crown Point Community School Corporation, Crown Point, Indiana.

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

## GENERAL SCOPE

Provide the following Exterior Site Work Playground:

- A. Provide and install a 2,000 square foot rectangular Playground, approximately 30' wide by 67' long, adjacent to the existing playground area. Provide for a 1% Slope from one side of playground to the other side of playground.
- B. Provide full excavation and to a depth of 1'-2 1/2".
- C. Provide full excavation and install a 6" wide by 18" deep concrete curb with 2 #4 bars in top and bottom of curb, with #4 bar wraps at 16" o.c., full perimeter of playground.
- D. Provide and install 8" of washed #53 Stone over entire playground area.
- E. Provide and install 3" light duty asphalt pavement over entire playground.
- F. Provide and install 3" diameter PVC pipe with filter fabric cover at ends, at 4' on center along long side of playground curb, that is on the lower sloped side. Tie these PVC pipes into a 4" perforated fabric wrapped PVC Pipe that is the full length of the curb and covered/set in 2' wide by 8" deep drainage stone.

## SPECIFICATIONS

### 1. Specification Section 00 01 10

#### Table of Contents

- A. Add to Division 07: Specification Section 07 31 00, Shingle Roofing, and Specification Section 07 95 00, Expansion Joint Systems.
- B. Delete from Division 06: Specification Section 06 20 00, Finish Carpentry.

### 2. Specification Section 03 30 00

#### Concrete

- A. Add Paragraph 2.5 F. to read:  
"F. Viper II, 15-Mil Vapor Barrier as manufactured by ISI Building Products, East Peoria, IL."

### 3. Specification Section 06 20 00

#### Finish Carpentry

- A. Delete Specification Section 06 20 00, Finish Carpentry, from the Project Manual.

- 4. Specification Section 07 24 00 Exterior Finish and Insulation System (EIFS)**
- A. Revise Paragraph 2.1.R. to read as follows: "R. Finish: Intent is to match existing color and finish."
- 5. Specification Section 07 31 00 Shingle Roofing**
- A. Add new Specification Section 07 31 00, Shingle Roofing, included in this Addendum, to the Project Manual.
- 6. Specification Section 07 95 00 Expansion Joint Systems**
- A. Add new Specification Section 07 95 00, Expansion Joint Systems, included in this Addendum, to the Project Manual.
- 7. Specification Section 08 51 13 Aluminum Windows**
- A. Paragraph 1.1. A.: Revise end of sentence to read: "...with both Casement and Fixed Windows."
- B. Delete Paragraph 1.6 B.4 in its entirety.
- C. Add Paragraph 2.1. E. to read:
- "E. Peerless Products, Inc., Fort Scott, KS."
- D. Revise Paragraph 2.3 A.1 to read:
- "1. Minimum 4-inch to 5 inch deep frame profile with approximate 3 9/16 – inch vent depth, with frame thickness per manufacturers standards."
- E. Revise Paragraph 2.3 D.1 to read:
- "1. Aluminum slats, 1-inch wide, with extruded aluminum head and bottom rail, plastic end caps."
- F. Add new Paragraph 2.4, Hardware, to read as follows (and adjust subsequent paragraph numbering accordingly):
- "2.4 Hardware
- A. Provide manufacturer's standard hardware fabricated from aluminum, stainless steel, or other corrosion-resistant material compatible with aluminum; designed to smoothly operate, tightly close, and securely lock aluminum windows, and sized to accommodate sash weight and dimensions.
- B. Projection Window Type: Casement, typical hardware.
- C. Typical Hardware:
1. Locking: Dual Handle Multi-Point Locks.  
2. Hinging: 4-Bar Hinges with Limit Stop.  
3. Roto Operator."
- G. Revise Paragraph 2.5 A.1 to read:
- "1. Color: Match existing aluminum clad wood window system."

**8. Specification Section 08 81 00 Glazing**

- A. Add new Paragraph 2.2. J. to read:
  - “M. Translucent Glazing: Standard Gray tint insulating glass units with internal translucent film core.
    - 1. Product: Advanced Glazings LTD.; Solera L.
      - a. External Veil: AGL-402.
      - b. Internal Veil: AGL-402.
      - c. Visible Light Transmittance: 27 percent.
      - d. U-Value: 0.47.
    - 2. Unit Thickness: 1-inch.
    - 3. Locations: Where indicated on Drawings.”

**9. Specification Section 09 29 00 Gypsum Board**

- A. Add new Paragraph 1.1.E. Accent Reveals.
- B. Add new Paragraph 2.3.D.5. as follows: “5. Shape Square Reveal: Fry Reglet Style TDM-625-50, 5/8-inch. Location, refer to plans and sections/details.”

**10. Specification Section 09 91 00 Painting**

- A. Add new Paragraph 3.12.F. to read as follows: Lockers are to be painted inside and outside.

“R.

	Electrostatic Paint Finish - Existing corridor lockers; existing metal enclosures.
	Clean and sand existing surfaces to be finished. Apply two component epoxy coating using Ransburg electrostatic catalyzed process, installed in strict accordance with the manufacturer's specifications. Do not refinish interior surfaces of corridor lockers.
S-W	Pro Industrial High Performance Epoxy, B67W00200/B67V00200 Series.

**11. Specification Section 10 11 00 Markerboards and Corkboards**

- A. Add Paragraph 2.1. D. to read:
  - “D. Platinum Visual Systems, Bloomfield Hills, MI.”

**DRAWINGS**

**12. Sheet AD-104**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Demo of floor slab for new toilet room sanitary connection.

**13. Sheet A-101**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Note clarifications, and slab repair at routing of new sanitary line to the north.

**14. Sheet A-104**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. .Repair of floor slab for new toilet room sanitary connection in corridor

**15. Sheet A-120**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Clarification of Plumbing chase and removal of detail 10.

**16. Sheet A-401**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. .Revised names of details 3 and 4, and updated said notes.

**17. Sheet A-410**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Clarified notes, and added detail 9.

**18. Sheets A-801 thru A-805**

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

**19. Sheet A-820**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Added Stamp and updated finishes

**20. Sheet A-901**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Show exhaust louver and EIFS patch outside new toilets..

**21. Sheet A-904**

- A. Refer to revised, full-size drawing, included in this Addendum, for the following revisions:
  - 1. Show exhaust louver and EIFS patch outside new toilets.
  - 2. Show glazing replacement in skylight in Media Center.

**22. Sheets E-101A, E-102A, E-103A, E-104A, E-105A,  
E-106, E-206, E-604 and E-701**

A. Refer to Nine (9) revised, full-size drawings, included in this Addendum, for revisions.

**23. Sheet E-103**

A. In Custodian C-16, change Panel "1XH5" to Panel "1XH6".

**24. Sheet E-201**

A. Classrooms A-3 and A-4: Change the power circuit for FPB-E5 and E-6 to Circuit 1H4-4.

**25. Sheet E-203**

A. Classroom C-6: Change the power circuit for FPB-C6 to Circuit 1XH6-5

**26. Sheet E-204**

A. Conference B-3: Change the power circuits for FPB-A3 to Circuit 1XH5-7.

B. Custodian B-15: Change the power circuit for CRU-1 to Circuit 1XH5-8.

C. Office B-1, Principal B-1B and Nurse B-2: Change the Plan Notes 1 to Plan Notes 3.

**27. Sheet M-002, M-101, M-102, and  
M-104**

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

Pages 1 through 5, inclusive, Specification Sections 07 31 00, 07 95 00, and twenty seven (27) Full-Size Drawings, constitute the total makeup of **Addendum One**.



# SECTION 07 31 00

## SHINGLE ROOFING

### 1 General

#### 1.1 Section Includes

- A. Shingle roofing, with moisture shedding underlayment, and flashing at roof penetrations.
- B. Use of Owner's stored glass fiber shingle.
- C. Use of new, matching, fiberglass-asphalt shingles if necessary, due to quantity required.

#### 1.2 Related Sections

- A. Section 06 10 00 – Rough Carpentry: Roof sheathing, wood curbs, and wood blocking.
- B. Section 07 62 00 - Sheet Metal Flashing.

#### 1.3 References

- A. ASTM D226 - Asphalt-Saturated Organic Felt Used in Roofing and Waterproofing.
- B. ASTM D2822 - Asphalt Roof Cement.
- C. ASTM D3018 - Class A Asphalt Shingles Surfaced with Mineral Granules.
- D. ASTM D3161 - Wind Resistance of Asphalt Shingles.
- E. ASTM D3462 - Asphalt Shingles Made from Glass Felt and Surfaced with Mineral Granules.
- F. AWPB LP2 - Standard for Softwood Lumber, Timber and Plywood Pressure Treated with Water Borne Preservatives for Above-Ground Use.

#### 1.4 Quality Assurance

- A. Do not subcontract shingle roofing without written approval from the Construction Manager.
- B. Use applicators with minimum three (3) years experience in this type work.

#### 1.5 Regulatory Requirements

- A. Underwriters' Laboratories, Inc. (UL): Class A Fire Rating; Wind Resistance Rating.

## 1.6 Submittals

- A. **For new purchased Asphalt Shingles:** Submit manufacturer's installation instructions under provisions of Division 1.
- B. **For new purchased Asphalt Shingles:** Submit samples for color selection under provisions of Division 1.

## 1.7 Delivery, Storage, And Handling

- A. Deliver products to site under provisions of Division 1.
- B. Under provisions of Division 1 store materials in weather protected and properly ventilated environment clear of ground and moisture.
- C. Do not exceed safe liveload carrying capacity in stacking procedure of roofing materials on the roof decks.

## 1.8 Environmental Requirements

- A. Do not install shingle roofing when temperature is below 40 degrees F.

## 1.9 Warranty

- A. Furnish two year (2) unconditional warranty for all work covered in this section.
- B. Provide manufacturer's standard twenty-five (25) or thirty (30) year warranty for shingle roofing. (Type B shingle)

# 2 Products

## 2.1 Roofing Materials

- A. Owner's stock shingles: Fiberglass asphalt laminated dimensional shingles: ASTM D3018, ASTM D3161, ASTM D3462; glass fiber matt base, mineral granule surfaced type; color selected by Architect, **intent is to match the existing shingles.**
  - 1. CertainTeed Corporation; Irving, Texas – Landmark 30.
  - 2. Owens-Corning Fiberglas Corporation; Toledo, Ohio – Oakridge PRO 30.
  - 3. Tamko Roofing Products; Joplin, Missouri – Heritage 30.
- B. Underlayment Membrane, Self-Adhering, High-Temperature Underlayment: Provide self-adhering, cold-applied, sheet underlayment, a minimum of 30 mils thick, consisting of slip-resistant, polyethylene-film top surface laminated to a layer of butyl or SBS-modified asphalt adhesive, with release-paper backing. Provide primer when recommended by underlayment manufacturer.
  - 1. Thermal Stability: Stable after testing at 240 deg. F; ASTM D 1970.
  - 2. Low-Temperature Flexibility: Passes after testing at minus 20 deg F; ASTM D 1970.

3. **To be utilized in replacing Felt Paper on existing roof installation – verify in field conditions to allow for new updated underlayment system.**
4. Products: Subject to compliance with requirements, provide one of the following.
  - a. Carlisle Residential, a division of Carlisle Construction Materials; WIP 300HT.
  - b. Grace Construction Products, a unit of W. R. Grace & Co.; Grace Ice and Water Shield HT.
  - c. Owens Corning; WeatherLock Metal High Temperature Underlayment.
- C. Nails: Ringed round wire shingle type of hot-dipped zinc-coated steel; minimum 7/16 inch head diameter and minimum 12 gage; minimum 7/8 inch long of sufficient length to penetrate through roof sheathing of sufficient length to penetrate 1/2 inch into roof sheathing.
- D. Plastic Cement: ASTM D2822; asphaltic type with mineral fiber components, or as required to be compatible with adjacent materials.
- E. Roof Edging (**if required**): Aluminum, prefinished, thickness as indicated.

### **3 Execution**

#### **3.1 Inspection**

- A. Complete construction of any bay or any section of roof before the roofing work is begun.
- B. Verify vents, skylights, and other projections through the roofs are properly flashed and secured in position.
- C. Examine and try all surfaces on which or against which this work is to be applied and notify the Architect Construction Manager in writing of any surfaces that are unsuitable to receive this work.
- D. Beginning of installation means acceptance of existing conditions.

#### **3.2 General Installation**

- A. Install Shingle in strict accordance with manufacturer's printed instructions. Install all flashing around roof penetration and install replacement shingles as recommended by the manufacturer for conditions of penetration.
- B. Install shingle roofing over dry surfaces, free of ridges, warps, and voids.
- C. Coordinate installation of roof mounted components or work projecting through roof.
- D. Verify roof openings are framed, sized, and located prior to installing work of this Section.

- E. Completed installation to provide weathertight service.

### **3.3 Installation Of Underlayment**

- A. Install underlayment perpendicular to slope of roof.
- B. Weather lap and seal items projecting through or mounted on roof with plastic cement.

### **3.4 Installation Of Flashing**

- A. Apply Ice and Water Shield in accordance with manufacturer's recommendations.
- B. Flash and seal work projecting through or mounted on roofing.

### **3.5 Installation Of Shingles**

- A. Place shingles in straight coursing pattern to match existing.
- B. Apply portions of shingles laid over metal flashings with plastic cement.
- C. Nail shingles in place in accordance with manufacturer's instructions.
- D. On hip roofs, strike vertical lines centered on cut-outs in first course of shingles to maintain vertical alignment.

### **3.6 Field Quality Control**

- A. At the completion of the roofing work, convene a joint meeting between the Owner, Construction Manager, and Roofing Contractor at the job site for a field inspection of all roof surfaces to determine the extent of any remedial work required prior to acceptance of the work by the Architect and Construction Manager and Owner.

**END OF SECTION**

# SECTION 07 95 00

## EXPANSION JOINT SYSTEMS

### 1 General

#### 1.1 Section Includes

- A. Exterior wall joints.
- B. Interior wall joints.

#### 1.2 Submittals

- A. Product Data: Include manufacturer's specifications, construction details, material descriptions, and dimensions of individual components and seals.
- B. Shop Drawings: Plans, elevations, sections, details, joints, splices, locations of joints and splices, and attachment to other work.

#### 1.3 Quality Assurance

- A. Source Limitations: Obtain expansion joint systems through one source from a single manufacturer. Coordinate compatibility with adjoining joint systems specified in Section 07 72 10 – Roof Specialties.

#### 1.4 Delivery, Storage, And Handling

- A. Deliver products to site under provisions of Division 1.
- B. Store and protect products under provisions of Division 1.

### 2 Products

#### 2.1 Expansion Joint Systems - Acceptable Manufacturers

- A. Balco Metalines Wichita, Kansas.
- B. Construction Specialties (CS Group) Muncy, Pennsylvania.
- C. MM Systems Corporation Tucker, Georgia.
- D. InPro Corporation/Jointmaster Muskego, Wisconsin.
- E. Watson Bowman Acme Corporation Amherst, New York.
- F. Basis-of-Design Products: The design for each expansion joint system specified in Part 2 "Expansion Joint Systems" Article below is based on the products named. Provide either the named products or comparable products by one of the other manufacturers listed.

## 2.2 Materials

- A. Seals: Extruded elastomeric seals formed to be installed in frames or with anchored flanges.
- B. Accessories: Manufacturer's standard anchors, clips, fasteners, set screws, spacers, filler materials, and other accessories required for a complete installation.

## 2.3 Expansion Joint Systems

- A. Interior and Exterior Wall Joints: Pre-Compressed Fire-Retardant Foam with Silicone on each facing side for interior and exterior joints.
  - 1. Basis-of-Design Product: Balco; VRF.
  - 2. Nominal Joint Width: 1 inch.
  - 3. Movement Capability: 50 percent.
  - 4. Finish: To be selected by Architect.

## 3 Execution

### 3.1 Preparation

- A. Fastening to In-Place Construction: Provide threaded fasteners with drilled-in expansion shields for masonry construction.

### 3.2 Installation

- A. Comply with manufacturer's written instructions for handling and installing expansion joint system assemblies.
- B. Install expansion joint assemblies in true alignment and proper relationship to joints and adjoining finished surfaces measured from established lines and levels.
  - 1. Allow adequate free movement for thermal expansion and contraction of metal to avoid buckling.
  - 2. Securely attach expansion assemblies in place with required accessories.

## END OF SECTION

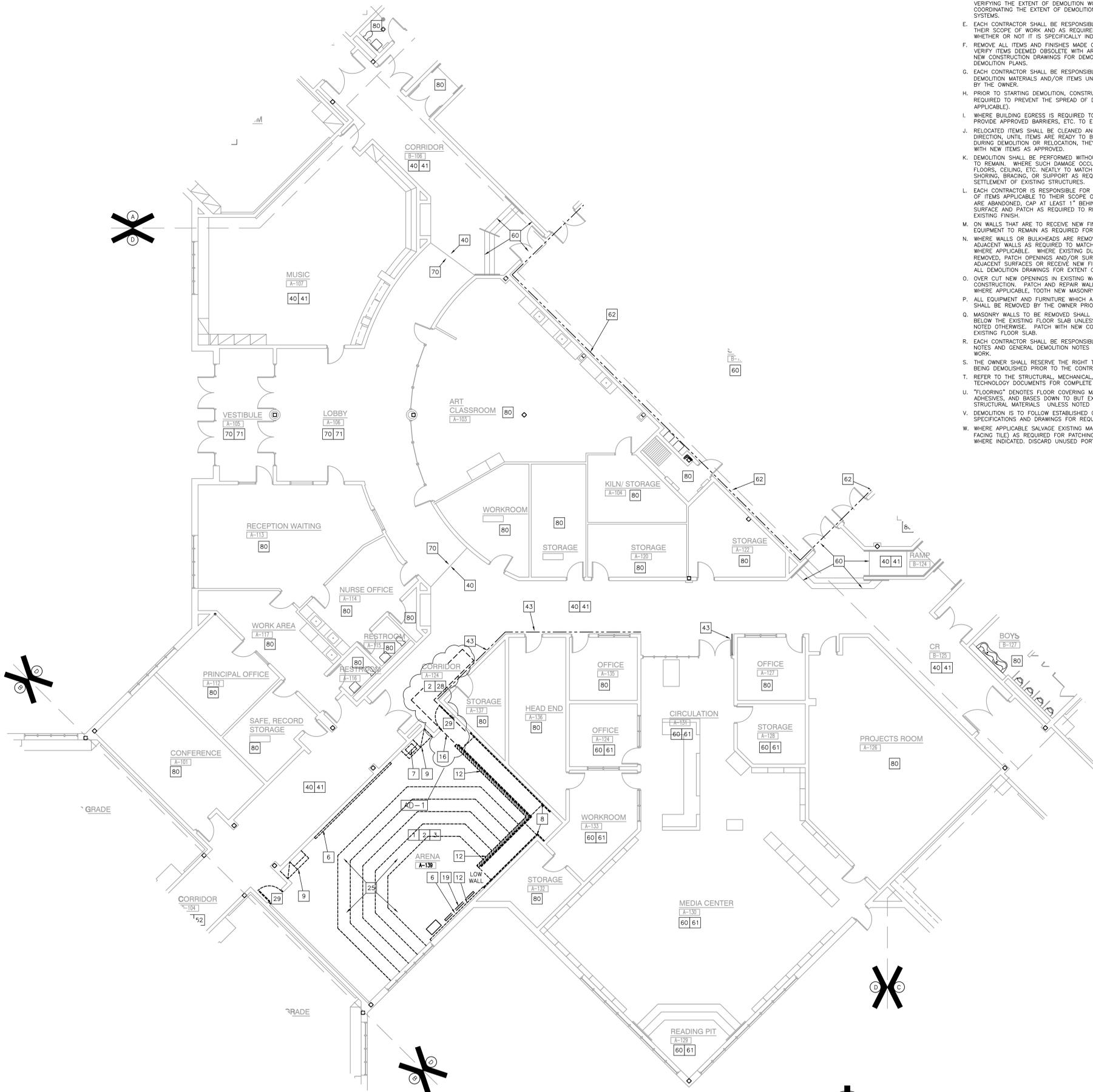
**GENERAL DEMOLITION NOTES:**

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO GI SERIES SHEETS.
- B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS SHEET.
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNER'S REPRESENTATIVE.
- D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW SYSTEMS.
- E. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR ALL DEMOLITION APPLICABLE TO THEIR SCOPE OF WORK AND AS REQUIRED FOR INSTALLATION OF NEW WORK WHETHER OR NOT IT IS SPECIFICALLY INDICATED OR NOTED IN THESE DOCUMENTS.
- F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER TO NEW CONSTRUCTION DRAWINGS FOR DEMOLITION REQUIRED NOT SHOWN ON DEMOLITION PLANS.
- G. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR DIRECTED BY THE OWNER.
- H. PRIOR TO STARTING DEMOLITION, CONSTRUCT DUST CONTROL BARRIERS AS REQUIRED TO PREVENT THE SPREAD OF DUST INTO SURROUNDING AREAS (WHERE APPLICABLE).
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE PUBLIC.
- J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS ARE DAMAGED DURING DEMOLITION OR RELOCATION, THEY SHALL BE REPAIRED OR REPLACED WITH NEW ITEMS AS APPROVED.
- K. DEMOLITION SHALL BE PERFORMED WITHOUT DAMAGE TO EXISTING CONSTRUCTION TO REMAIN. WHERE SUCH DAMAGE OCCURS, PATCH, REPAIR, OR RESTORE WALLS, FLOORS, CEILING, ETC. NEATLY TO MATCH EXISTING ADJACENT SURFACE. PROVIDE SHORING, BRACING, OR SUPPORT AS REQUIRED TO PREVENT MOVEMENT OR SETTLEMENT OF EXISTING STRUCTURES.
- L. EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE EXISTING SERVICES ARE ABANDONED, CAP AT LEAST 1" BEHIND NEW FINISHES AND/OR EXISTING SURFACE AND PATCH AS REQUIRED TO RECEIVE NEW FINISHES OR MATCH EXISTING FINISH.
- M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW FINISHES.
- N. WHERE WALLS OR BULKHEADS ARE REMOVED, PATCH FLOORS, CEILINGS, AND ADJACENT WALLS AS REQUIRED TO MATCH EXISTING OR RECEIVE NEW FINISHES WHERE APPLICABLE. WHERE EXISTING DUCTWORK, PIPING, OR EQUIPMENT IS REMOVED, PATCH OPENINGS AND/OR SURFACES AS REQUIRED TO MATCH ADJACENT SURFACES OR RECEIVE NEW FINISHES WHERE APPLICABLE. REFER TO ALL DEMOLITION DRAWINGS FOR EXTENT OF ITEMS TO BE REMOVED.
- O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY.
- P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING SHALL BE REMOVED BY THE OWNER PRIOR TO DEMOLITION.
- Q. MASONRY WALLS TO BE REMOVED SHALL BE REMOVED TO A POINT 2" MINIMUM BELOW THE EXISTING FLOOR SLAB UNLESS SETTING ON A SLAB OR SPECIFICALLY NOTED OTHERWISE. PATCH WITH NEW CONCRETE TO BE FLUSH WITH THE EXISTING FLOOR SLAB.
- R. EACH CONTRACTOR SHALL BE RESPONSIBLE FOR GENERAL REVIEW OF DEMOLITION NOTES AND GENERAL DEMOLITION NOTES AS THEY APPLY TO THEIR SCOPE OF WORK.
- S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF SITE.
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKINGS, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL CONDITIONS.
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK, GLAZED CMU, FACING TILE) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

**DEMOLITION PLAN NOTES:**

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

1. REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
2. REMOVE FLOORING FINISH AND BASE IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
3. REMOVE ALL WALL ACCESSORIES MADE OBSOLETE BY NEW CONSTRUCTION.
4. REMOVE EXISTING WOOD DOOR AND METAL FRAME AND DOOR HARDWARE, TURN HARDWARE OVER TO OWNER.
5. REMOVE ALUMINUM STOREFRONT FRAMING, DOORS, AND HARDWARE IN ITS ENTIRETY. TURN HARDWARE OVER TO OWNER.
6. REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY.
7. REMOVE PLUMBING FIXTURE IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
8. REMOVE RAILING. PATCH WALL TO MATCH ADJACENT SURFACES.
9. CAREFULLY REMOVE CASEWORK AS INDICATED. SALVAGE CABINETS. PROVIDE FINISHED ENDS ON CABINETS TO REMAIN. PATCH AND REPAIR WALLS AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
10. REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY AND TO EXTENT INDICATED.
11. MOVE EXISTING MIRROR DOWN SO THAT BOTTOM OF REFLECTIVE SURFACE IS 36" A.F.F. PATCH, REPAIR AND PREPARE WALL FOR PAINT.
12. REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
13. REMOVE CONCRETE SLAB IN ITS ENTIRETY. CUT AT THE NEAREST CONTROL JOINT.
14. EXISTING CONCRETE COLUMN TO REMAIN.
15. REMOVE VOID SLAB/STOOP AS REQUIRED FOR NEW CONSTRUCTION.
16. HATCH INDICATES APPROXIMATE AREA OF CEILING AND FLOOR FINISH TO BE REMOVED AS REQUIRED FOR NEW CONSTRUCTION.
17. REMOVE PORTION OF MASONRY WALL TO 8" BELOW FINISHED FLOOR FOR INSTALLATION OF NEW DOOR AND SLAB INFILL.
18. APPROXIMATE LOCATION OF SLAB DEMOLITION. REFER TO PLUMBING SHEETS.
19. REMOVE PROJECTION SCREEN.
20. REFER TO DETAILS 5/A-410 AND 6/A-410 FOR SELECT REMOVAL OF SOFFIT AND SUPPORTING SYSTEM. ROOF SYSTEM, JOISTS, AND STEEL STRUCTURE TO REMAIN.
21. REMOVE LOUVER IN ITS ENTIRETY.
22. EXISTING CABINETS TO REMAIN.
23. REMOVE EXISTING TACK DISPLAY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.
24. REMOVE PORTIONS OF MASONRY WALL AS REQUIRED FOR DOOR REMOVAL AND MASONRY INFILL. PATCH AND REPAIR WALL FOR NEW FINISHES.
25. REMOVE CONCRETE TIERED FLOOR SYSTEM. COORDINATE EXTENT WITH STRUCTURAL DRAWINGS. PREPARE SUB-FLOOR AS REQUIRED FOR NEW CONCRETE SLAB SYSTEM.
26. GRIND APPROX 48" OF EXISTING 4" CAST STONE BAND BACK TO FACE OF BRICK FOR INSTALLATION OF NEW WALL CABINET HEADER. REFER TO MECHANICAL DRAWINGS FOR LOCATION.
27. REMOVE COLOR ACCENT TILES. FIELD WALL TILES TO REMAIN. REFER TO FINISH SHEETS FOR FURTHER INFORMATION.
28. PREPARE / PATCH IMPERFECTIONS IN WALLS AND SOFFIT. PREPARE FOR PRIME AND PAINT
29. REMOVE DOOR. CAREFULLY CUT METAL FRAME OUT. PREPARE EXISTING MASONRY OPENING FOR NEW METAL FRAME.
30. EXCAVATE APPROXIMATELY 30FT TO EXISTING SANITARY STRUCTURE FOR NEW 4" SANITARY LINE.
40. ALTERNATE BID CLASSROOM AND CORRIDOR REFRESH - REMOVE FLOORING FINISH AND BASE IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
41. ALTERNATE BID CLASSROOM AND CORRIDOR REFRESH - REPAIR / PATCH IMPERFECTIONS IN WALLS AND SOFFITS. PREPARE FOR PRIME AND PAINT.
42. ALTERNATE BID CLASSROOM AND CORRIDOR REFRESH - REMOVE DOOR AND HARDWARE. CAREFULLY CUT METAL FRAME OUT OF MASONRY OPENING. MASONRY OPENING TO REMAIN. PREPARE OPENING FOR NEW METAL FRAME. PATCH AND PREPARE WALL FOR PAINT WHERE FRAME AND DOOR'S WALL STOP WAS REMOVED.
43. ALTERNATE BID CLASSROOM AND CORRIDOR REFRESH - EXISTING WALL MURAL TO REMAIN. PROTECT DURING CONSTRUCTION.
50. ALTERNATE BID POD COMMONS REFRESH - REMOVE FLOORING FINISH AND BASE IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
51. ALTERNATE BID POD COMMONS REFRESH - REPAIR / PATCH IMPERFECTIONS IN WALLS AND SOFFITS. PREPARE FOR PRIME AND PAINT.
52. ALTERNATE BID POD COMMONS REFRESH - PREPARE LOCKERS FOR ELECTROSTATIC PAINTING
60. ALTERNATE BID CAFETERIA AND MEDIA CENTER REFRESH - REMOVE FLOORING FINISH AND BASE IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
61. ALTERNATE BID CAFETERIA AND MEDIA CENTER REFRESH - REPAIR / PATCH IMPERFECTIONS IN WALLS AND SOFFITS. PREPARE FOR PRIME AND PAINT.
62. ALTERNATE BID CAFETERIA AND MEDIA CENTER REFRESH - EXISTING WALL MURAL TO REMAIN. PROTECT DURING CONSTRUCTION.
70. ALTERNATE BID MAIN ENTRY FLOOR REPLACEMENT - REMOVE FLOORING FINISH AND BASE IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES
80. NO WORK IN THIS AREA



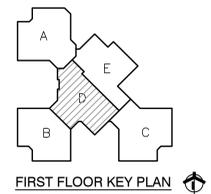
**UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN**  
SCALE: 1/8" = 1'-0"



**GIBRALTAR DESIGN**  
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PROJECT  
**JERRY ROSS ELEMENTARY SCHOOL ADDITIONS, RENOVATION, AND RELATED WORK**

FOR:  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA



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REVISIONS	MARK	DATE	ISSUED FOR
AD-1	03/01/23	ADDENDUM 1	

DRAWING  
**UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN**

PROJECT  
JERRY ROSS ELEMENTARY SCHOOL ADDITIONS, RENOVATION, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**D AD104**

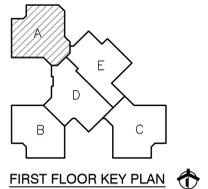
Wednesday, 3/1/2023 4:51:11 PM - LAST SAVED BY:EMCCALLEY  
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PROJECT  
**JERRY ROSS  
ELEMENTARY  
SCHOOL  
ADDITIONS,  
RENOVATION,  
AND RELATED  
WORK**

FOR:  
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PROJECT  
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EJM  
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EJM  
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REVISIONS	MARK	DATE	ISSUED FOR
	AD-1	03/01/23	ADDENDUM 1

DRAWING  
UNIT "A" ARCHITECTURAL  
FIRST FLOOR PLAN

PROJECT  
JERRY ROSS ELEMENTARY SCHOOL  
ADDITIONS, RENOVATION, AND  
RELATED WORK

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**A A-101**

**GENERAL PLAN NOTES:**

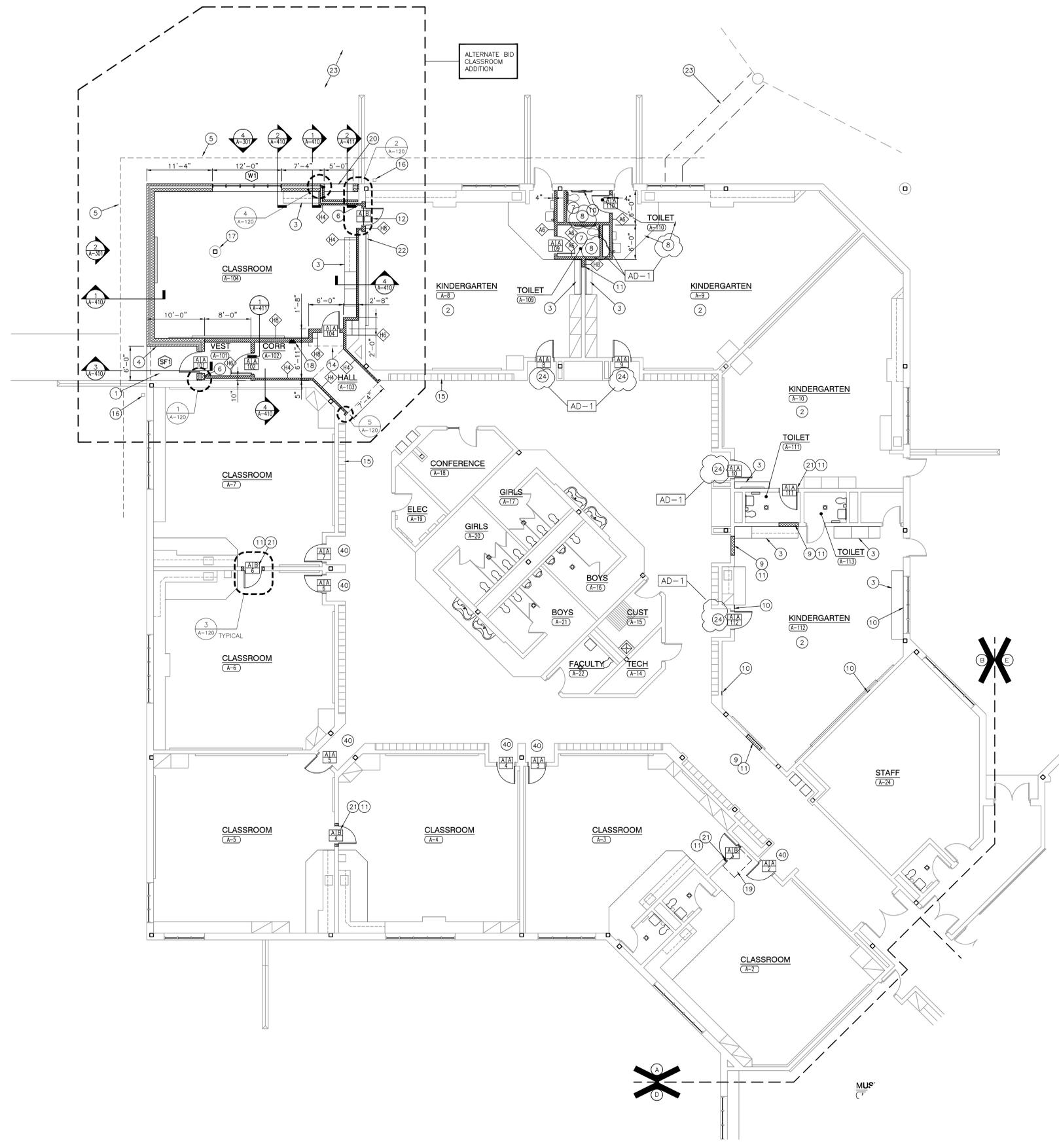
- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO C SERIES SHEETS.
- B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD.
- C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE EXPOSED TO VIEW.
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR LINE.
- E. THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- F. HINGE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTED OTHERWISE.
- G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS.
- H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- I. INTERIOR CMU WALLS ARE TO BE STACK BOND UNLESS NOTED OTHERWISE.
- J. ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS.
- K. WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.
- L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK.
- M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.
- N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.
- O. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.
- P. EXISTING INTERIOR CMU CONFIGURATION IS STACK BOND.

**PLAN LEGEND:**

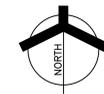
- ☐ INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.
- ◊ INDICATES WALL TYPES REFER TO G-301 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

**PLAN NOTES:**

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 1 CONCRETE STOOP/VOID SLAB.
  - 2 PATCH FLOOR, SKIM COAT ENTIRE AREA AND PREPARE FOR NEW FINISHES.
  - 3 CASEWORK / MILLWORK / AND OR LAMINATE TOP (TYPICAL), REFER TO EQUIPMENT PLANS.
  - 4 CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
  - 5 LINE OF CANOPY ABOVE, REFER TO SECTIONS.
  - 6 2" GAP IN WALL WITH EXPANSION JOINT COVER.
  - 7 FLOOR DRAIN, REFER TO PLUMBING DRAWING.
  - 8 BACKFILL AND REPAIR VAPOR BARRIER. POUR NEW CONCRETE SLAB AND SKIMCOAT LEVEL WITH ADJACENT SLAB SURFACES. REFER TO STRUCTURAL DRAWINGS FOR BACKFILL AND CONCRETE SLAB SYSTEM. PREPARE SLAB FOR NEW FLOOR FINISHES.
  - 9 WHERE DOOR FRAME HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
  - 10 WHERE CONNECTING WALL HAS BEEN REMOVED, PATCH WALL TO MATCH EXISTING ADJACENT WALL SURFACES (TYPICAL).
  - 11 TOOTH IN NEW CMU INTO EXISTING OPENING TO MATCH ADJACENT MASONRY SURFACES.
  - 12 PATCH WALL AND INFILL CONCRETE SLAB REFER TO DETAIL 2/ A-120.
  - 13 NEW CONCRETE FLOOR SLAB AND SUB-GRADE INFILL -- FOR EXTENT AND EDGE CONDITION REFER TO STRUCTURAL DRAWINGS. PREPARE SLAB FOR NEW FINISHES.
  - 14 DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS ARE NOT INDICATED ON THIS PLAN)
  - 15 EXISTING LOCKERS TO REMAIN. PROTECT DURING CONSTRUCTION.
  - 16 EXISTING DOWNSPOUT. PROTECT DURING CONSTRUCTION.
  - 17 RUB EXISTING COLUMN WITH A CONCRETE WASH, THEN PRIME AND PAINT.
  - 18 SEMI-RECESSED EXTINGUISHER CABINET. REFER TO SHEET A-120.
  - 19 PATCH GYPSUM WALL BOARD TO MATCH ADJACENT SURFACES
  - 20 MECHANICAL LOUVER. REFER TO MECHANICAL SHEETS AND SHEET A-120.
  - 21 PATCH FLOOR AT NEW DOOR OPENING. REFER TO DETAIL 3/ A-120
  - 22 REFER TO THE EQUIPMENT SHEETS FOR NEW BOARDS.
  - 23 TRENCH BACKFILL (AT SANITARY LINE), 4" TOPSOIL, AND SOD AREAS WHERE SIDEWALK OR TRENCHING OCCURRED.
  - 24 INSTALL NEW DOOR AND NEW FRAME IN EXISTING MASONRY OPENING
  - 40 ALTERNATE BID CLASSROOM AND CORRIDOR REFRESH - INSTALL NEW DOOR AND NEW FRAME IN EXISTING MASONRY OPENING. PAINT BOTH SIDES OF INSET CMU WALL (32SF). PAINT PORTION OF WALL AT REMOVED WALL STOP (24SF).
  - 80 NO WORK



**UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



Wednesday, 3/1/2023 4:01 PM - LAST SAVED BY:EMCCALLEY  
 Y:\21-118 CROWN POINT CSC - ROSS ES  
 IMPROVEMENTS\21-118 DRAWINGS\05 ARCH\A-101.DWG



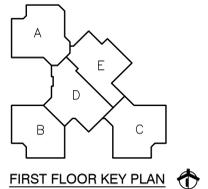






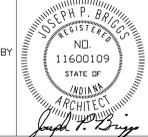
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PROJECT  
**JERRY ROSS  
ELEMENTARY  
SCHOOL  
ADDITIONS,  
RENOVATION,  
AND RELATED  
WORK**  
FOR:  
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA



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PROJECT  
21-118  
DATE  
2/9/23  
COORDINATED BY  
EJMJ  
DRAWN BY  
EJMJ  
CHECKED BY  
EJMJ



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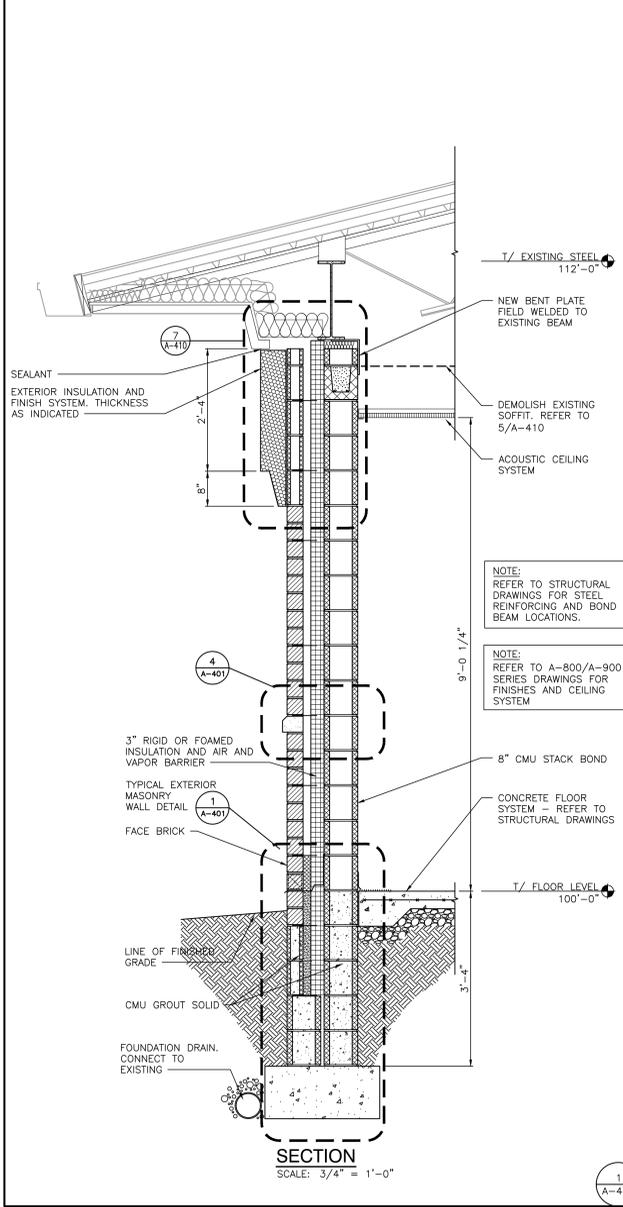
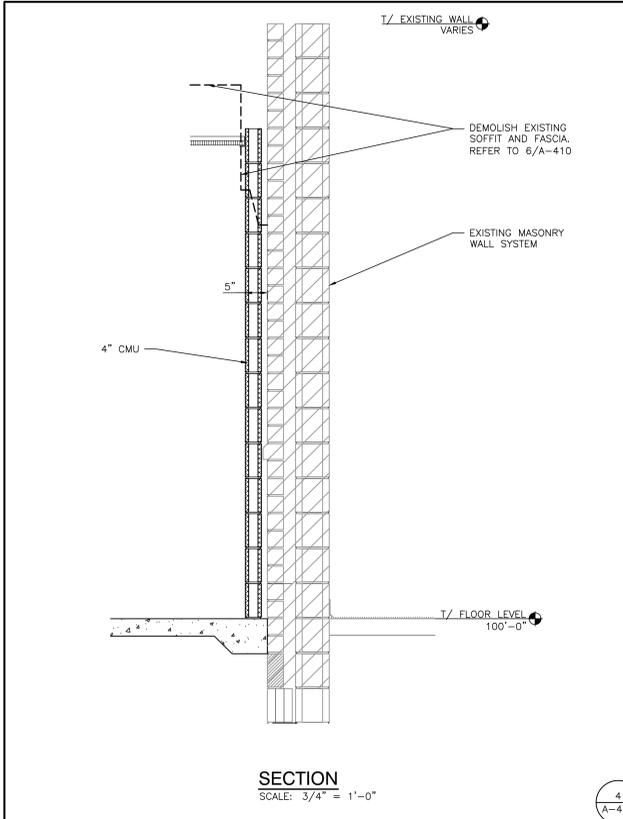
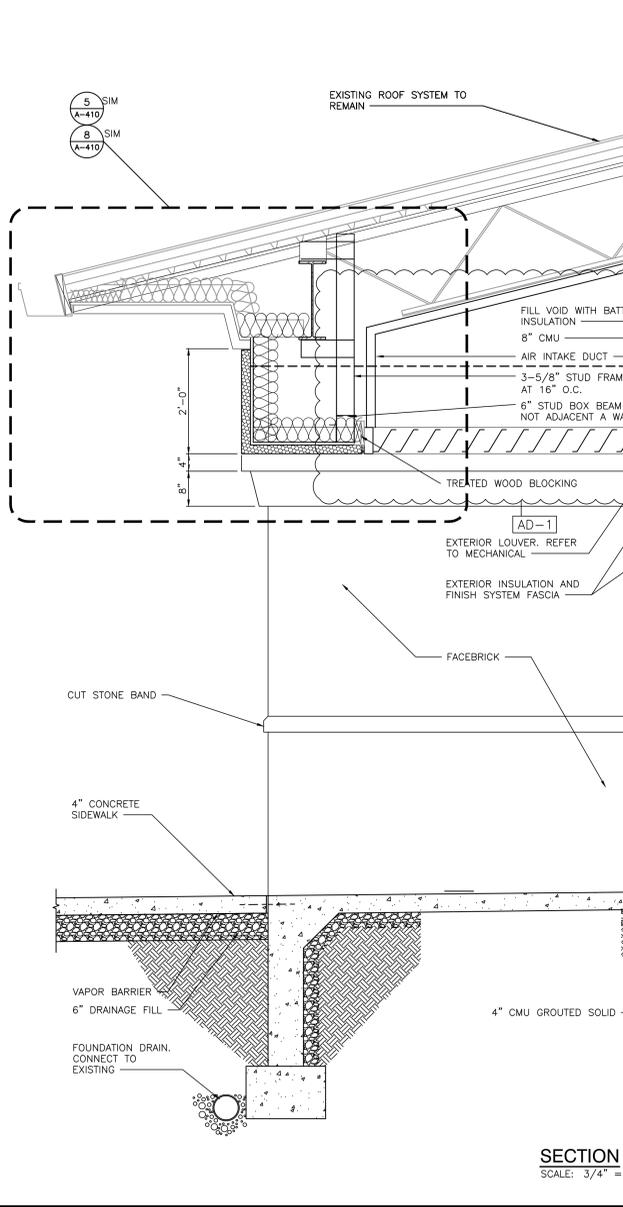
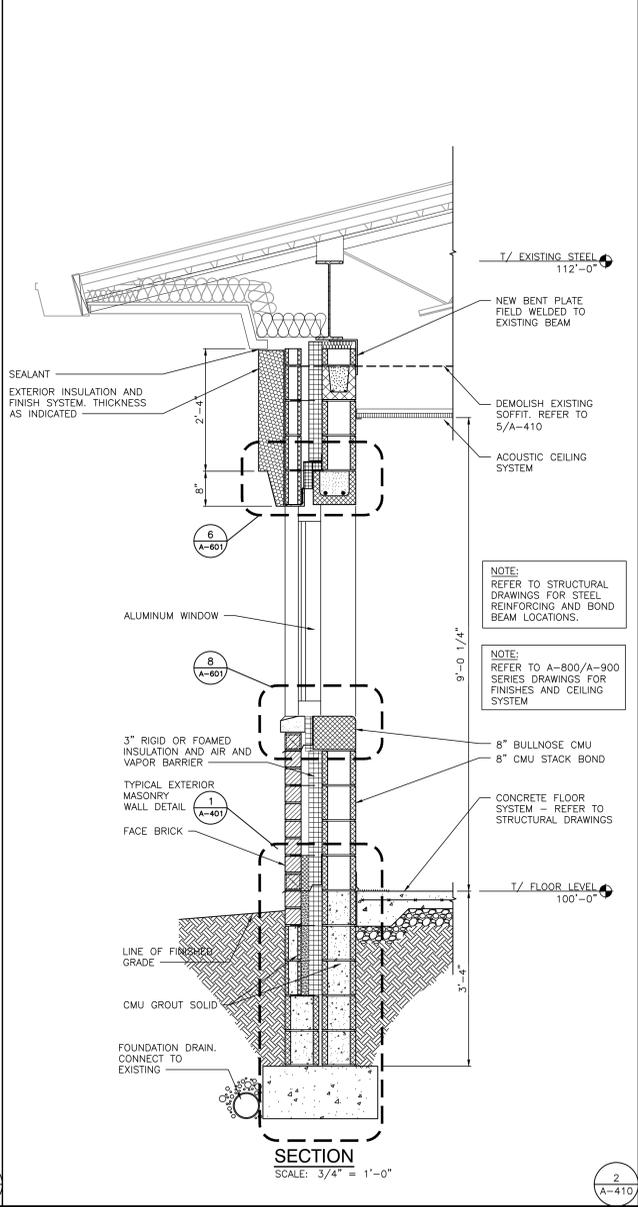
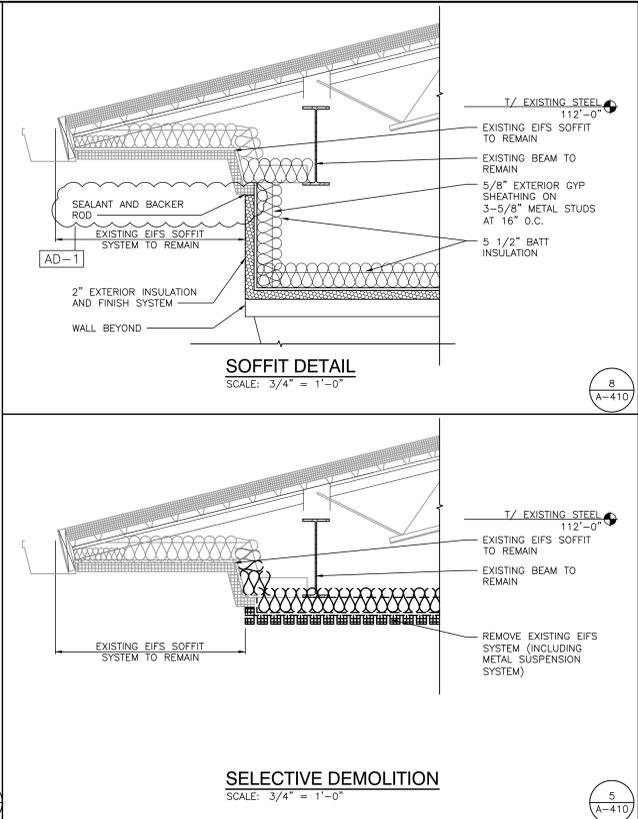
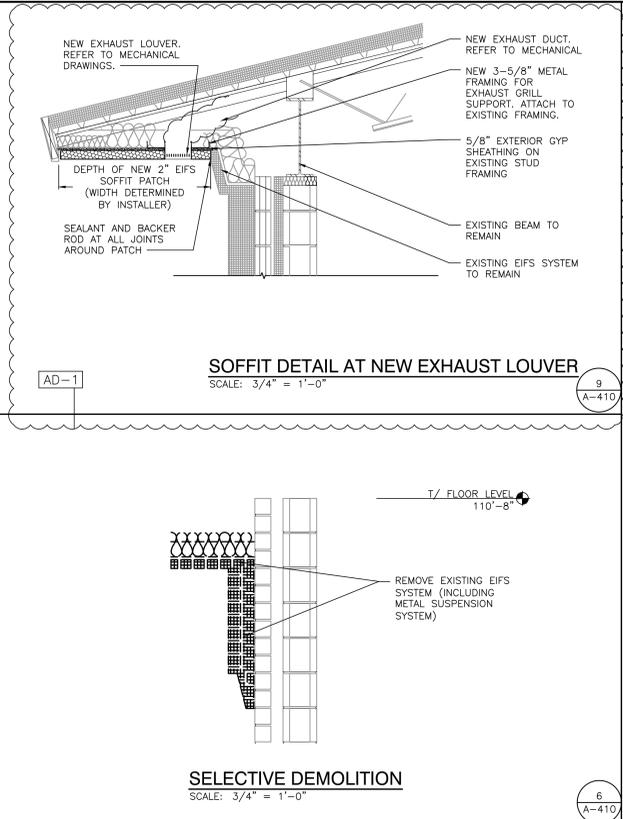
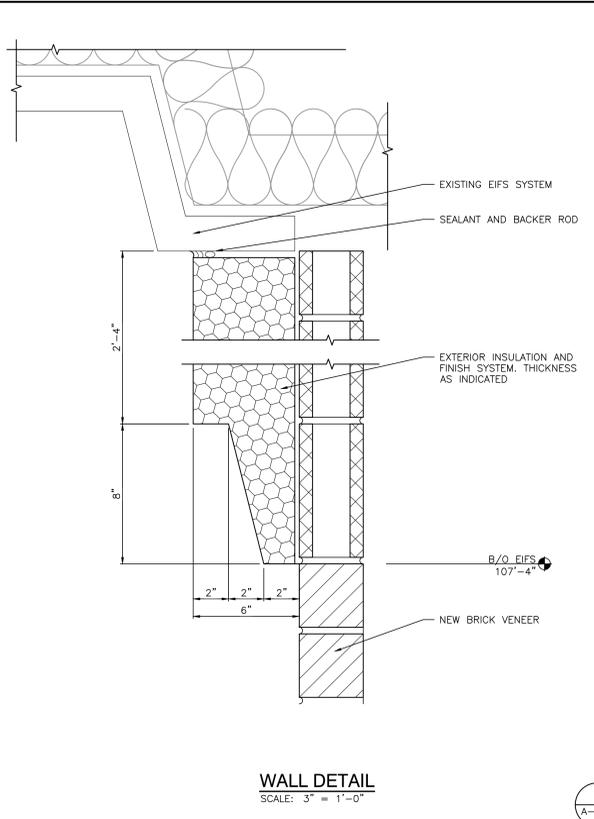
**REVISIONS**

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AD-1	03/01/23	ADDENDUM 1

DRAWING  
**WALL SECTIONS**

PROJECT  
**JERRY ROSS ELEMENTARY SCHOOL  
ADDITIONS, RENOVATION, AND  
RELATED WORK**

GIBRALTAR DESIGN SHEET  
**A-410**



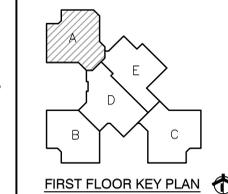
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Y:\21-118 CROWN POINT CSC - ROSS ES  
IMPROVEMENTS\21-118 DRAWINGS\05 ARCH\A-410.DWG



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PROJECT  
**JERRY ROSS  
ELEMENTARY  
SCHOOL  
ADDITIONS,  
RENOVATION,  
AND RELATED  
WORK**

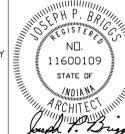
FOR:  
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT: 21-118  
DATE: 2/9/23  
COORDINATED BY: EJM  
DRAWN BY: EKM  
CHECKED BY: NAS



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REVISIONS	MARK	DATE	ISSUED FOR
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DRAWING  
**UNIT "A" FIRST FLOOR FINISH PLAN**

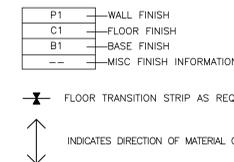
PROJECT  
JERRY ROSS ELEMENTARY SCHOOL  
ADDITIONS, RENOVATION, AND  
RELATED WORK

GIBRALTAR DESIGN SHEET  
**A A-801**

**GENERAL FINISH PLAN NOTES:**

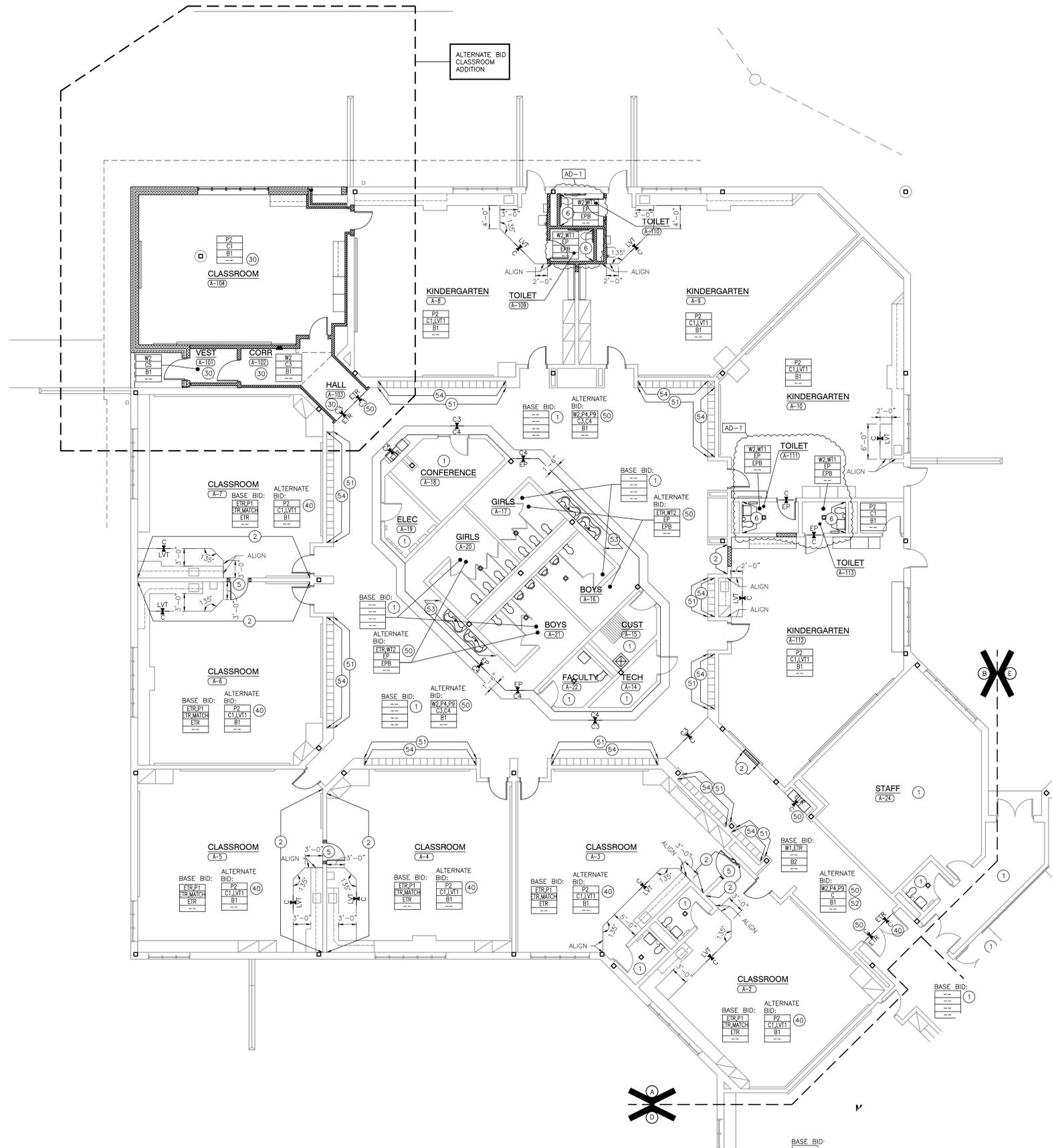
- REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
- PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND/OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURER'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.
- FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.
- ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.
- ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC. THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKID TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATED ON THE FLOOR PATTERN PLANS, WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.
- THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER 19C SECTION 803.
- IN ROOMS WHERE WALLS ARE INDICATED TO BE PAINTED, ALL DOORFRAMES AND WINDOWFRAMES ARE TO BE PAINTED, P5.

**FINISH SYMBOL LEGEND:**



**FINISH PLAN NOTES:**

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)
- NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
  - BASE BID: MATCH EXISTING WALL PAINT, EXISTING BASE TO REMAIN.
  - EXISTING WALL MURAL TO REMAIN.
  - EXISTING ACOUSTICAL WALL PANELS TO REMAIN.
  - BASE BID: INFILL CARPET WITH OWNER'S ATTIC STOCK.
  - BASE BID: WALL TILE, WT1.
- 30 ALTERNATE BID CLASSROOM ADDITION
- 40 ALTERNATE BID CLASSROOM & CORRIDOR REFRESH
- 41 ALTERNATE BID CLASSROOM & CORRIDOR REFRESH: PAINT MULLIONS P5
- 42 ALTERNATE BID CLASSROOM & CORRIDOR REFRESH:  
TARKETT: CARPET, C2g  
J&J: CARPET, C2b(70%) + C4b(30%)
- 50 ALTERNATE BID POD COMMONS REFRESH
- 51 ALTERNATE BID POD COMMONS REFRESH: PAINT EXISTING LOCKERS, P4
- 52 ALTERNATE BID POD COMMONS REFRESH:  
TARKETT: CARPET, C2g  
J&J: CARPET, C2b(70%) + C4b(30%)
- 53 ALTERNATE BID POD COMMONS REFRESH: WALL TILE WT2 AT REMOVED WALL TILE LOCATIONS, REFER TO DEMOLITION PLANS. ALL OTHER RESTROOM WALLS ETR
- 54 ALTERNATE BID POD COMMONS REFRESH: PAINT ABOVE LOCKERS, P9: PAINT BELOW LOCKERS P4
- AD-1 60 ALTERNATE BID CAFE & MEDIA CENTER REFRESH
- AD-1 61 ALTERNATE BID CAFE & MEDIA CENTER REFRESH: WALL BASE, B1
- 70 ALTERNATE BID MAIN ENTRY FLOORING REPLACEMENT



**UNIT "A" FIRST FLOOR FINISH PLAN**

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

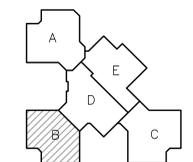




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PROJECT  
**JERRY ROSS  
ELEMENTARY  
SCHOOL  
ADDITIONS,  
RENOVATION,  
AND RELATED  
WORK**

FOR:  
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT: 21-118  
DATE: 2/9/23  
COORDINATED BY: EJM  
DRAWN BY: EKM  
CHECKED BY: NAS



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MARK	DATE	ISSUED FOR
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REVISIONS	DATE	ISSUED FOR
AD-1	03/01/23	ADDENDUM NO.1

DRAWING  
**UNIT "B" FIRST FLOOR FINISH PLAN**

PROJECT  
JERRY ROSS ELEMENTARY SCHOOL  
ADDITIONS, RENOVATION, AND  
RELATED WORK

GIBRALTAR DESIGN SHEET  
**B A-802**

**GENERAL FINISH PLAN NOTES:**

- REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
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- FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.
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- IN ROOMS WHERE WALLS ARE INDICATED TO BE PAINTED, ALL DOORFRAMES AND WINDOWFRAMES ARE TO BE PAINTED, P5.

**FINISH SYMBOL LEGEND:**

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

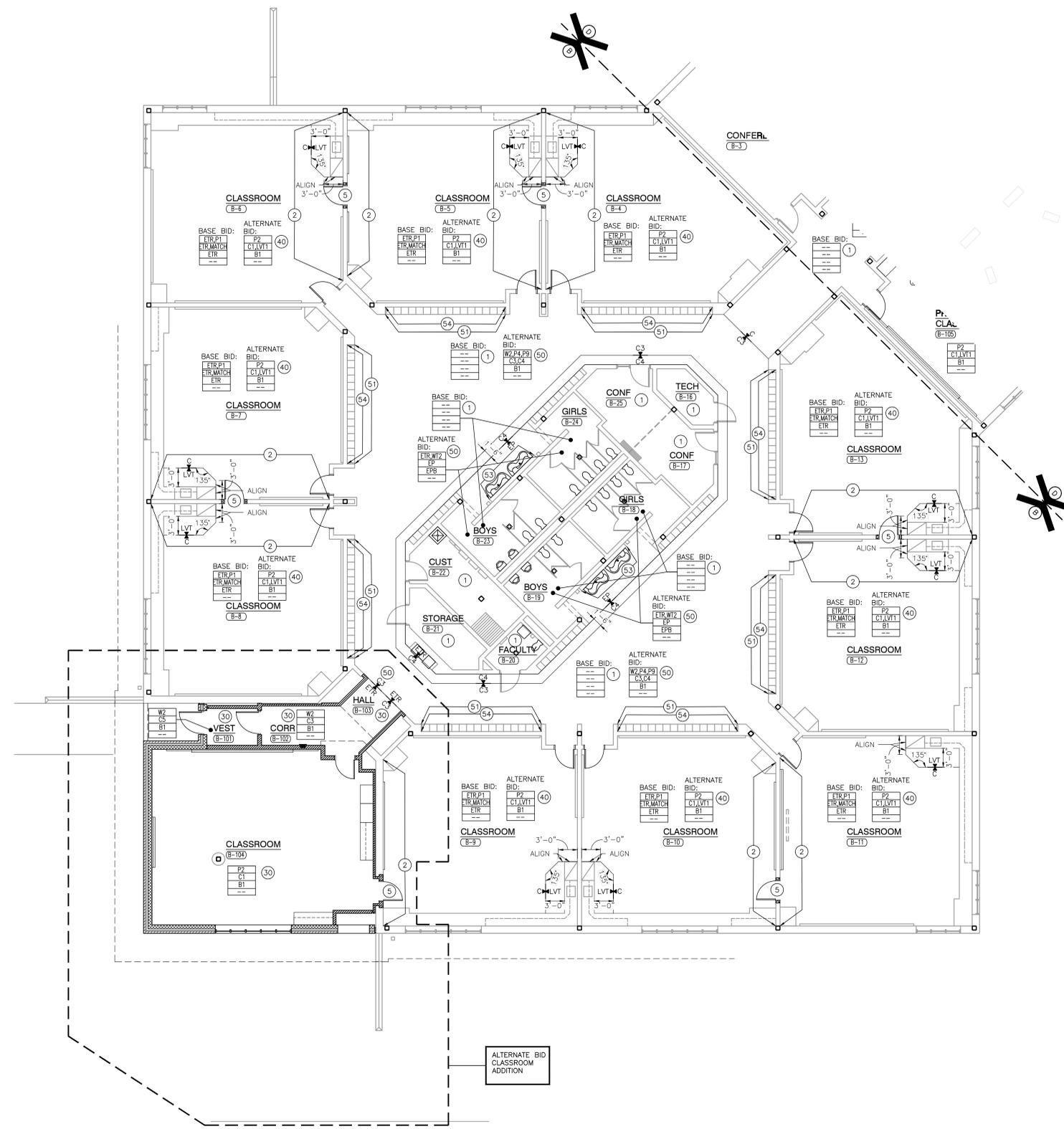
FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

**FINISH PLAN NOTES:**

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

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  - BASE BID: MATCH EXISTING WALL PAINT, EXISTING BASE TO REMAIN.
  - EXISTING WALL MURAL TO REMAIN.
  - EXISTING ACOUSTICAL WALL PANELS TO REMAIN.
  - BASE BID: INFILL CARPET WITH OWNER'S ATTIC STOCK.
  - BASE BID: WALL TILE, WT1.
- 
- ALTERNATE BID CLASSROOM ADDITION
  - ALTERNATE BID CLASSROOM & CORRIDOR REFRESH
  - ALTERNATE BID CLASSROOM & CORRIDOR REFRESH: PAINT MULLIONS P5
  - ALTERNATE BID CLASSROOM & CORRIDOR REFRESH:  
TARKETT: CARPET, C2g  
J&J: CARPET, C2b(70%) + C4b(30%)
  - ALTERNATE BID POD COMMONS REFRESH
  - ALTERNATE BID POD COMMONS REFRESH: PAINT EXISTING LOCKERS, P4
  - ALTERNATE BID POD COMMONS REFRESH:  
TARKETT: CARPET, C2g  
J&J: CARPET, C2b(70%) + C4b(30%)
  - ALTERNATE BID POD COMMONS REFRESH: WALL TILE WT2 AT REMOVED WALL TILE LOCATIONS, REFER TO DEMOLITION PLANS. ALL OTHER RESTROOM WALLS ETR
  - ALTERNATE BID POD COMMONS REFRESH: PAINT ABOVE LOCKERS, P9; PAINT BELOW LOCKERS P4
  - ALTERNATE BID CAFE & MEDIA CENTER REFRESH
  - ALTERNATE BID CAFE & MEDIA CENTER REFRESH: WALL BASE, B1
  - ALTERNATE BID MAIN ENTRY FLOORING REPLACEMENT



**UNIT "B" FIRST FLOOR FINISH PLAN**  
SCALE: 1/8" = 1'-0"



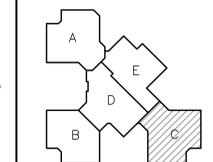
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PROJECT  
**JERRY ROSS  
ELEMENTARY  
SCHOOL  
ADDITIONS,  
RENOVATION,  
AND RELATED  
WORK**

FOR:  
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

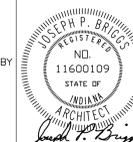


FIRST FLOOR KEY PLAN

**GIBRALTAR DESIGN**

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PROJECT  
21-118  
DATE  
2/9/23  
COORDINATED BY  
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DRAWN BY  
EKM  
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AD-1	03/01/23	ADDENDUM NO.1

DRAWING  
UNIT "C" FIRST FLOOR FINISH PLAN

PROJECT  
JERRY ROSS ELEMENTARY SCHOOL  
ADDITIONS, RENOVATION, AND  
RELATED WORK

GIBRALTAR DESIGN SHEET  
**C A-803**

**GENERAL FINISH PLAN NOTES:**

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- REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
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- THE CONTRACTOR SHALL BE RESPONSIBLE TO VERIFY THAT ALL NEW INTERIOR WALL AND CEILING FINISHES WILL BE CLASS B MINIMUM, WITH A FLAME SPREAD RATING OF 75 MAXIMUM, AND A SMOKE DEVELOPED INDEX OF 450 MAXIMUM, PER IBC SECTION 803.
- IN ROOMS WHERE WALLS ARE INDICATED TO BE PAINTED, ALL DOORFRAMES AND WINDOWFRAMES ARE TO BE PAINTED, P5.

**FINISH SYMBOL LEGEND:**

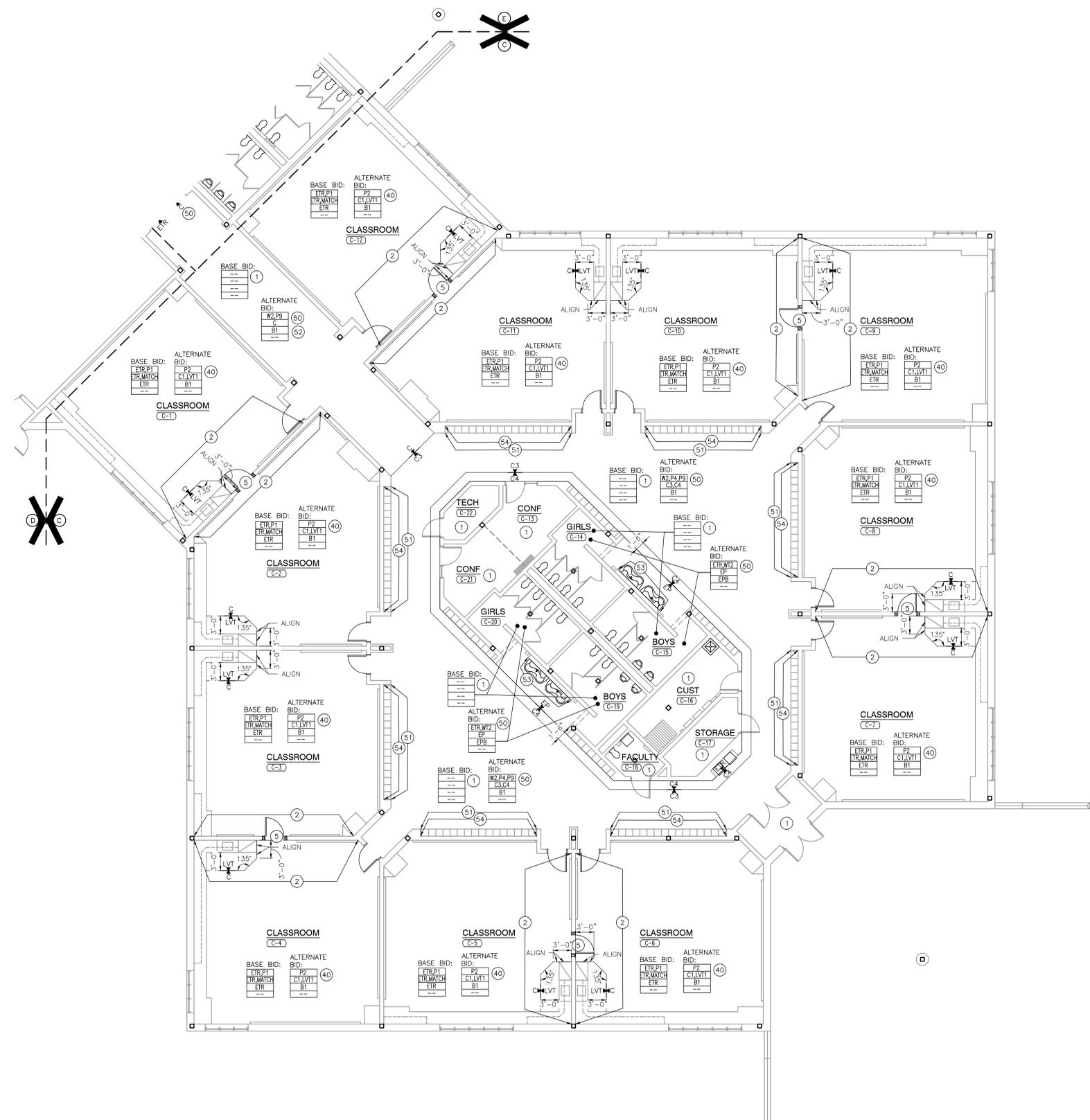
P1	WALL FINISH
C1	FLOOR FINISH
B1	BASE FINISH
---	MISC FINISH INFORMATION

— FLOOR TRANSITION STRIP AS REQUIRED

↑ INDICATES DIRECTION OF MATERIAL GRAIN

**FINISH PLAN NOTES:**

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)
- NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
  - BASE BID: MATCH EXISTING WALL PAINT, EXISTING BASE TO REMAIN.
  - EXISTING WALL MURAL TO REMAIN.
  - EXISTING ACOUSTICAL WALL PANELS TO REMAIN.
  - BASE BID: INFILL CARPET WITH OWNER'S ATTIC STOCK.
  - BASE BID: WALL TILE, WT1.
- 
- ALTERNATE BID CLASSROOM ADDITION
  - ALTERNATE BID CLASSROOM & CORRIDOR REFRESH
  - ALTERNATE BID CLASSROOM & CORRIDOR REFRESH: PAINT MULLIONS P5
  - ALTERNATE BID CLASSROOM & CORRIDOR REFRESH:  
TARKETT: CARPET, C2g  
J&J: CARPET, C2b(70%) + C4b(30%)
  - ALTERNATE BID POD COMMONS REFRESH
  - ALTERNATE BID POD COMMONS REFRESH: PAINT EXISTING LOCKERS, P4
  - ALTERNATE BID POD COMMONS REFRESH:  
TARKETT: CARPET, C2g  
J&J: CARPET, C2b(70%) + C4b(30%)
  - ALTERNATE BID POD COMMONS REFRESH: WALL TILE WT2 AT REMOVED WALL TILE LOCATIONS, REFER TO DEMOLITION PLANS. ALL OTHER RESTROOM WALLS ETR
  - ALTERNATE BID POD COMMONS REFRESH: PAINT ABOVE LOCKERS, P9; PAINT BELOW LOCKERS P4
  - ALTERNATE BID CAFE & MEDIA CENTER REFRESH
  - ALTERNATE BID CAFE & MEDIA CENTER REFRESH: WALL BASE, B1
  - ALTERNATE BID MAIN ENTRY FLOORING REPLACEMENT



**UNIT "C" FIRST FLOOR FINISH PLAN**  
SCALE: 1/8" = 1'-0"



Monday, 2/27/2023 - 3:24 PM - LAST SAVED BY: EJM  
Y:\21-118 CROWN POINT CSC - ROSS ES IMPROVEMENTS\21-118 DRAWINGS\05 ARCH\A-803.DWG





FINISH LEGEND

SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS
<b>CEILING MATERIALS</b>							
	ACT1	ACOUSTICAL CEILING	ARMSTRONG	FINE FISSURED	1728 WHITE	24"x24"	WITH HUMIGUARD PLUS
	ACT2	ACOUSTICAL CEILING	ARMSTRONG	FINE FISSURED	1728 WHITE	24"x48"	WITH HUMIGUARD PLUS
	P9	PAINT	SHERWIN WILLIAMS	---	CEILING BRIGHT WHITE SW7007	---	---
<b>WALL BASE</b>							
	B1	VINYL BASE	---	---	CHARCOAL 20	4" COVE	---
	B2	VINYL BASE	---	---	MATCH EXISTING	4" COVE	---
	EPB	POURED EPOXY BASE	SHERWIN WILLIAMS	DECO QUARTZ	METEOR SHOWER		PROVIDE TRIM EDGE
<b>FLOOR MATERIALS</b>							
C1	C1a	CARPET TILE	TARKETT	BLOCKADE 11471	BASE GREY 54605	24"x24"	INSTALL: VERTICAL ASHLAR
	C1b	CARPET TILE	J&J	ADAPT 7602	CARBON PATH 3274	18"x36"	INSTALL: VERTICAL ASHLAR
C2	C2a	CARPET TILE	TARKETT	SYLLABUS II 11647	NEW AGE 78508	24"x24"	INSTALL: VERTICAL ASHLAR
	C2b	CARPET TILE	J&J	ADJUST 7601	CARBON PATH 3274	18"x36"	INSTALL: VERTICAL ASHLAR
C3	C3a	CARPET TILE	TARKETT	FLIGHTPATH	STEALTH	18"x36"	INSTALL: VERTICAL ASHLAR
	C3b	CARPET TILE	J&J	ADVANCE 7800	CARBON PATH 3274	18"x36"	INSTALL: VERTICAL ASHLAR
C4	C4a	CARPET TILE	TARKETT	AIRSPACE	STEALTH RED	18"x36"	INSTALL: VERTICAL ASHLAR; 6" POWERBOND AT STEPS
	C4b	CARPET TILE	J&J	ADJUST 7601	BRICK PATH 3277	18"x36"	INSTALL: VERTICAL ASHLAR; 6" POWERBOND AT STEPS
C5	C5a	CARPET TILE	TARKETT	ABRASIVE ACTION II 02578	WINTER GRAY 19103	24"x24"	WALKOFF
	C5b	CARPET TILE	J&J	CATWALK 7010	SPOTLIGHT 1427	24"x24"	WALKOFF
	LVT1	LUXURY VINYL TILE	MOHAWK	TERRAZZO C0180	TEPHRA 727	12"x24"	---
	EP	POURED EPOXY	SHERWIN WILLIAMS	DECO QUARTZ	METEOR SHOWER	---	---
	FT1	FLOOR TILE	PLATFORM SURFACES	VENEZIANO	STORM	12"x24"	---
	STR	RUBBER STAIR	TARKETT	HAMMERED	CHARCOAL 20	---	STAIR TREAD AND RISER
<b>WALL MATERIALS</b>							
	P1	PAINT	SHERWIN WILLIAMS	---	JERSEY CREAM SW6379	---	TO MATCH EXISTING
	P2	PAINT	SHERWIN WILLIAMS	---	GOSSAMER VEIL SW9165	---	---
	P3	PAINT	SHERWIN WILLIAMS	---	GRAY CLOUDS SW7658	---	---
	P4	PAINT	SHERWIN WILLIAMS	---	CUSTOM COLOR	---	---
	P5	PAINT	SHERWIN WILLIAMS	---	GAUNTLET GRAY SW7019	---	DOORFRAMES
	P9	PAINT	SHERWIN WILLIAMS	---	CEILING BRIGHT WHITE SW7007	---	---
	W1	NOT USED	---	---	---	---	---
	W2	WALL COATING	SHERWIN WILLIAMS	---	GOSSAMER VEIL SW9165	---	---
	WT1	CERAMIC WALL TILE	DALTILE	GLOSSY	ARCTIC WHITE 0190	6"x6"	---
	WT2	CERAMIC WALL TILE	DALTILE	GLOSSY	CURRENT SH17	4"x4"	---
<b>CASEWORK AND MILLWORK</b>							
	PL1	PLASTIC LAMINATE	NEVAMAR	TEXTURED	TROPICAL ALLUSION ALB001-T	---	---
	PL2	PLASTIC LAMINATE	WILSONART	FINE VELVET FINISH	NATURAL COTTON 4946-38	---	---
<b>MISCELLANEOUS</b>							
		WOOD DOOR	---	---	MATCH EXISTING	---	---

ETR = EXISTING TO REMAIN



**GIBRALTAR**  
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

**JERRY ROSS  
ELEMENTARY  
SCHOOL  
ADDITIONS,  
RENOVATION,  
AND RELATED  
WORK**

FOR:  
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA

**GIBRALTAR DESIGN**

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PROJECT

21-118

DATE

2/9/23

COORDINATED BY

EJM

DRAWN BY

EKM

CHECKED BY

NAS



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**REVISIONS**

MARK	DATE	ISSUED FOR
AD-1	03/01/23	ADDENDUM NO.1

AD-1

ENTIRE SHEET  
SUBMITTED FOR  
ADDENDUM 1.

DRAWING  
**FINISH LEGEND**

PROJECT  
JERRY ROSS ELEMENTARY SCHOOL  
ADDITIONS, RENOVATION, AND  
RELATED WORK

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**A-820**

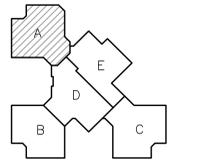
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Y:\21-118 CROWN POINT CSC - ROSS ES  
IMPROVEMENTS\21-118 DRAWINGS\05 ARCH\A-820.DWG



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PROJECT  
**JERRY ROSS  
ELEMENTARY  
SCHOOL  
ADDITIONS,  
RENOVATION,  
AND RELATED  
WORK**

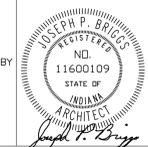
FOR:  
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT  
21-118  
DATE  
2/9/23  
COORDINATED BY  
EJM  
DRAWN BY  
EJM  
CHECKED BY  
EJM



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REVISIONS	MARK	DATE	ISSUED FOR
AD-1	03/01/23	ADDENDUM 1	

REVISIONS	MARK	DATE	ISSUED FOR
AD-1	03/01/23	ADDENDUM 1	

DRAWING  
**UNIT 'A' FIRST FLOOR  
REFLECTED CEILING PLAN**

PROJECT  
JERRY ROSS ELEMENTARY SCHOOL  
ADDITIONS, RENOVATION, AND  
RELATED WORK

GIBRALTAR DESIGN SHEET  
**A A-901**

**GENERAL REFLECTED CEILING PLAN NOTES:**

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS, LEGEND, SYMBOL, LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS.
- B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.
- C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.
- D. REFER TO FLOOR PLANS FOR WALL TYPES.
- E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.
- F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.
- G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.
- H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.
- I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

**REFLECTED CEILING PLAN LEGEND:**

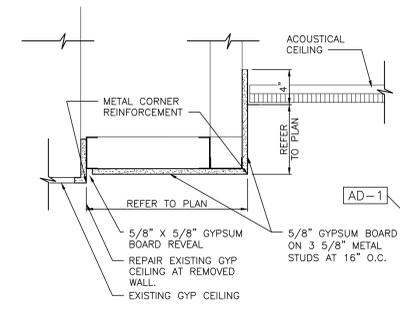
- (ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)
- GYPSUM CEILING OR BULKHEAD AND WALL SECTIONS
  - EXISTING GYPSUM BULKHEAD AND FASCIA PER NOTE, REPAIR MINOR IMPERFECTIONS AND PREPARE FOR PAINT.
  - EIFS SYSTEM
  - 2x2 / 2x4 ACOUSTICAL BOARD CEILING SEE PLANS AND FINISH LEGEND FOR TYPE
  - DOWN LIGHT
  - EXIT LIGHT
  - 1x4 LIGHT FIXTURE
  - 2x4 LIGHT FIXTURE
  - PENDANT LIGHT FIXTURE
  - PENDANT LIGHT FIXTURE
  - LINEAR LIGHT FIXTURE
  - WALL SCONCE LIGHT FIXTURE
  - SUPPLY AIR DIFFUSER
  - LINEAR SUPPLY AIR DIFFUSER
  - RETURN, EXHAUST, AND TRANSFER AIR GRILLE
  - CEILING SPEAKER
  - OCCUPANCY SENSOR

**GENERAL REFLECTED CEILING PLAN FINISH NOTES:**

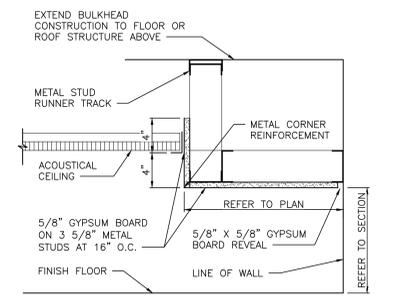
- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- A. UNLESS NOTED OTHERWISE, GYPSUM BOARD BULKHEADS ARE TO BE PAINTED.

**REFLECTED CEILING PLAN FINISH NOTES:**

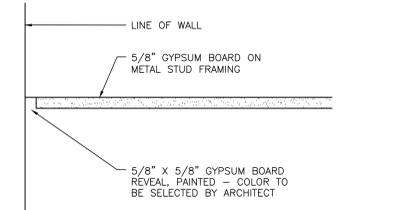
- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 1 GYPSUM BOARD BULKHEAD. REFER TO 1/A-901. AT BULKHEAD OUTSIDE CLASSROOM DOOR, PAINT P3. PAINT OTHER NEW SOFFITS P4 UNLESS NOTED OTHERWISE.
  - 2 LOUVER. REFER TO MECHANICAL DRAWINGS.
  - 3 EXISTING GYPSUM BOARD SOFFIT/BULKHEAD. PATCH AND PAINT P9.
  - 4 PATCH EXISTING GYPSUM BOARD SOFFIT
  - 5 MODIFY EXISTING ACT SYSTEM FOR NEW CONSTRUCTION. PATCH CEILING AT INTERFACE WITH NEW CMU WALLS.
  - 6 EXISTING CEILING SYSTEM TO REMAIN.
  - 7 PAINT BULKHEAD P4
  - 8 NEW EXHAUST LOUVER. REMOVE EXISTING EIFS SOFFIT FOR INSTALLATION OF DUCT AND LOUVER. REFER TO DETAIL 9/A-410. REFER TO MECHANICAL FOR DUCT AND LOUVER SIZE.
  - 9 REPLACE EXISTING 1" GLAZING IN EXISTING SKYLIGHT FRAMING SYSTEM WITH NEW 1" GLAZING. NEW GLAZING TO BE 1" INSULATED SOLERA BY ADVANCE GLAZING LTD (6MM TEMPERED STANDARD GRAY, (2) AGL VEILS, 6MM TEMPERED CLEAR, VLT 27%, SHGC 0.30, U-VALUE 0.47)
  - 40 ALTERNATE BID CLASSROOM REFRESH - PAINT EXISTING BULKHEAD P9
  - 41 ALTERNATE BID CLASSROOM REFRESH - PAINT EXISTING BULKHEAD P4
  - 42 ALTERNATE BID CLASSROOM REFRESH - PAINT EXISTING BULKHEAD P3
  - 50 ALTERNATE BID POD REFRESH - PAINT EXISTING BULKHEAD P3
  - 51 ALTERNATE BID POD REFRESH - PAINT EXISTING BULKHEAD P4
  - 52 ALTERNATE BID POD REFRESH - PAINT EXISTING BULKHEAD P9



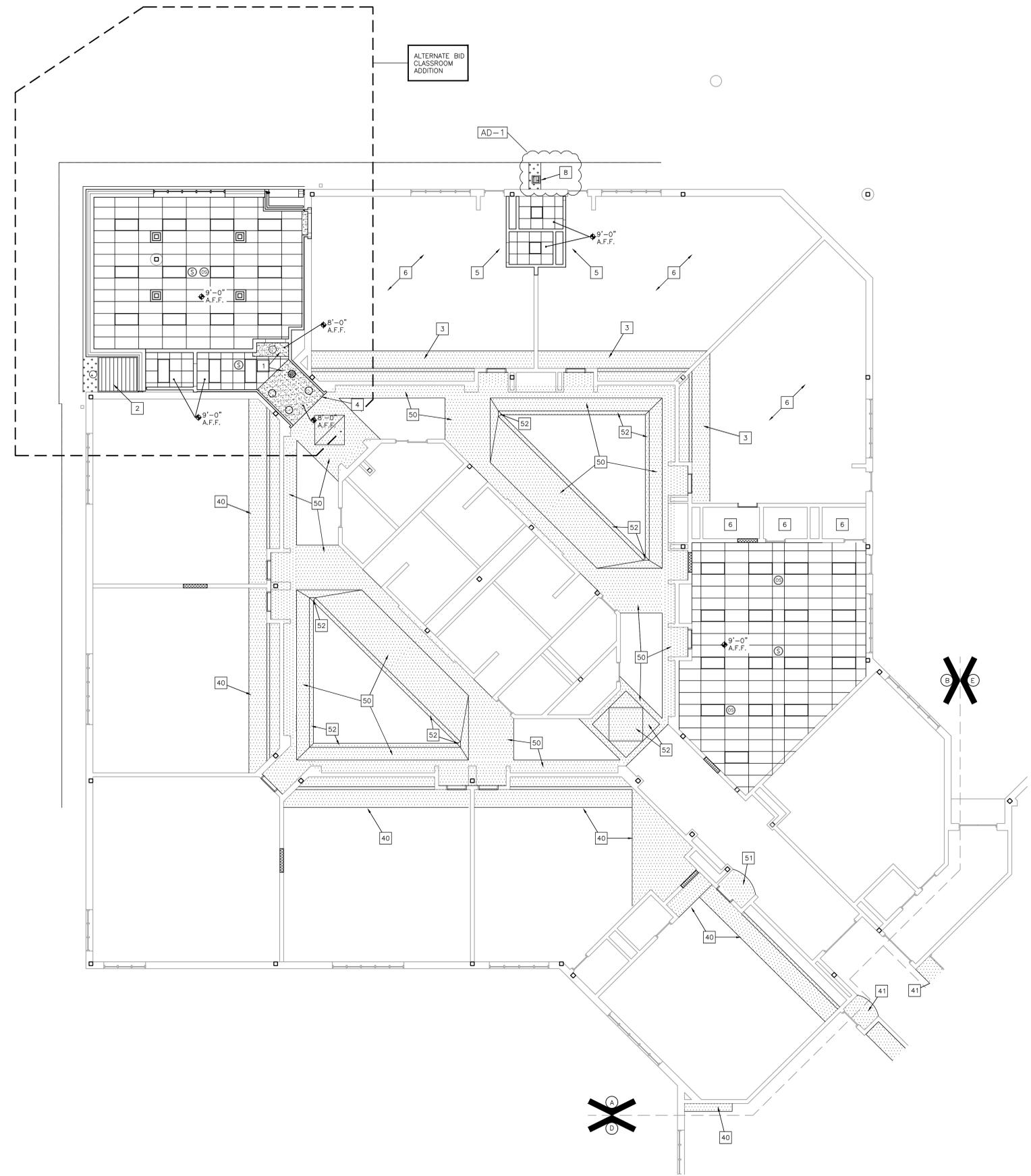
**GYPSUM BOARD BULKHEAD**  
SCALE: 1 1/2" = 1'-0"



**GYPSUM BOARD BULKHEAD**  
SCALE: 1 1/2" = 1'-0"



**GYPSUM BOARD REVEAL DETAIL**  
SCALE: 3" = 1'-0"



**UNIT 'A' ARCHITECTURAL FIRST FLOOR PLAN**  
SCALE: 1/8" = 1'-0"



Wednesday, 3/1/2023 4:50:01 PM - LAST SAVED BY: EJM  
Y:\21-118 CROWN POINT CSC - ROSS ES IMPROVEMENTS\21-118 DRAWINGS\05 ARCH\A-901.DWG



**GENERAL NOTES:**

- FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
- SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
- SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
- CONNECT NIGHT LIGHTS/EMERGENCY LIGHTS AND EXIT SIGNS TO CIRCUITS INDICATED AHEAD OF ANY CONTROLS.
- PROVIDE ALL LABOR AND MATERIAL TO MODIFY THE WIRING TO THE EXISTING EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES. NOT ALL EXIT SIGNS AND EMERGENCY LIGHTS ARE SHOWN. CONTRACTOR SHALL VISIT SITE AND DETERMINE THE LOCATION OF ALL EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES. (ALTERNATE BID).
- CONNECT ALL EXIT LIGHTS AND EMERGENCY LIGHTING ON THIS SHEET TO CIRCUITS INDICATED WITH #8 AWG CONDUCTORS. (GENERATOR ALTERNATE BID).

**ELECTRICAL PLAN NOTES:**  
(THESE NOTES APPLY TO THIS SHEET ONLY)

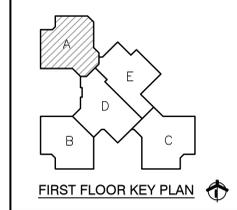
- REPLACE THE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND DIMMERS. PROVIDE THE NEW OCCUPANCY SENSORS AS SHOWN AND CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND WALL DIMMERS IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM. (LIGHTING UPGRADE ALTERNATE BID).
- REPLACE THE EXISTING EXIT LIGHT WITH A NEW EXIT SIGN AS SHOWN AND CONNECT TO THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- REPLACE THE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND LIGHT SWITCHES. PROVIDE THE NEW OCCUPANCY SENSORS AS SHOWN AND CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND LIGHT SWITCH IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM. CONNECT LIGHTING FIXTURE DESIGNATED AS NIGHT LIGHT (NL) TO EXISTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING FLUORESCENT LAMPS WITH NEW LED RETROFIT LAMPS. (PHILIPS XXX OR APPROVED EQUALS). (LIGHTING UPGRADE ALTERNATE BID).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING FLUORESCENT LAMPS AND BATTERY UNITS WITH NEW LED RETROFIT LAMPS AND THE APPROPRIATE BATTERY UNIT. (PHILIPS XXX OR APPROVED EQUALS). MODIFY WIRING TO CONNECT LIGHTING FIXTURE TO EXISTING LIGHTING CIRCUIT AHEAD OF ANY CONTROLS TO SERVE AS NIGHT LIGHT. (LIGHTING UPGRADE ALTERNATE BID).
- DELETE THE EMERGENCY BATTERY UNIT IN THIS FIXTURE AND CONNECT THE NEW LIGHTING FIXTURE TO THE NEW EMERGENCY CIRCUIT INDICATED AHEAD OF ANY CONTROLS. (GENERATOR ALTERNATE BID).
- DELETE THE EMERGENCY BATTERY UNIT IN THIS FIXTURE AND PROVIDE LIGHTING FIXTURE WITH A EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT THE NEW LIGHTING FIXTURE AND EMERGENCY GENERATOR TRANSFER DEVICE TO THE NEW EMERGENCY CIRCUIT SO THAT ON LOSS OF NORMAL POWER, IT TRANSFER TO THE EMERGENCY CIRCUIT. (GENERATOR ALTERNATE BID).
- REPLACE THE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS TO THE EXISTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED. CONNECT LIGHTING FIXTURE DESIGNATED AS NIGHT LIGHT (NL) TO EXISTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING COMPACT FLUORESCENT LAMPS IN THE EXISTING LIGHTING FIXTURE WITH NEW LED RETROFIT LAMPS. (PHILIPS XXX OR APPROVED EQUALS).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING METAL HALIDE LAMP IN THE EXISTING LIGHTING FIXTURE WITH NEW LED RETROFIT LAMPS. (PHILIPS XXX OR APPROVED EQUALS).
- REPLACE THE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS TO THE EXISTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED. CONNECT LIGHTING FIXTURE DESIGNATED AS NIGHT LIGHT (NL) TO EXISTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- DELETE THE BATTERY IN THE EMERGENCY LIGHTING FIXTURE. MODIFY WIRING AS NECESSARY TO CONNECT ALL OF THE NEW LIGHTING FIXTURES IN THIS ROOM AND NEW OCCUPANCY SENSORS/LIGHT SWITCH SHOWN TO THE EMERGENCY CIRCUIT INDICATED. (GENERATOR ALTERNATE BID).
- EXISTING UNDERCABINET LIGHTING FIXTURES AND ASSOCIATED CONTROLS IN THIS ROOM SHALL REMAIN.

ROOM LEGEND	
ROOM NO.	ROOM NAME
A-1	MUSIC
A-2	CLASSROOM
A-3	CLASSROOM
A-4	CLASSROOM
A-5	CLASSROOM
A-6	CLASSROOM
A-7	CLASSROOM
A-8	KINDERGARTEN
A-9	KINDERGARTEN
A-10	KINDERGARTEN
A-11	TOILET
A-12	STORAGE
A-13	-
A-14	TECHNOLOGY
A-15	CUSTODIAN
A-16	BOYS
A-17	GIRLS
A-18	CONFERENCE
A-19	ELECTRICAL
A-20	GIRLS
A-21	BOYS
A-22	FACULTY
A-23	-
A-24	STAFF
A-101	VESTIBULE
A-102	CORRIDOR
A-103	HALL
A-104	CLASSROOM
A-105	-
A-106	-
A-107	-
A-108	-
A-109	TOILET
A-110	TOILET
A-111	TOILET
A-112	KINDERGARTEN
A-112A	TOILET
A-113	TOILET



PROJECT  
**JERRY ROSS ELEMENTARY SCHOOL ADDITIONS, RENOVATION, AND RELATED WORK**

FOR:  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA



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PROJECT: 21-118  
DATE: 2/9/23  
COORDINATED BY: PCB  
DRAWN BY: PCB JVC  
CHECKED BY: JPB

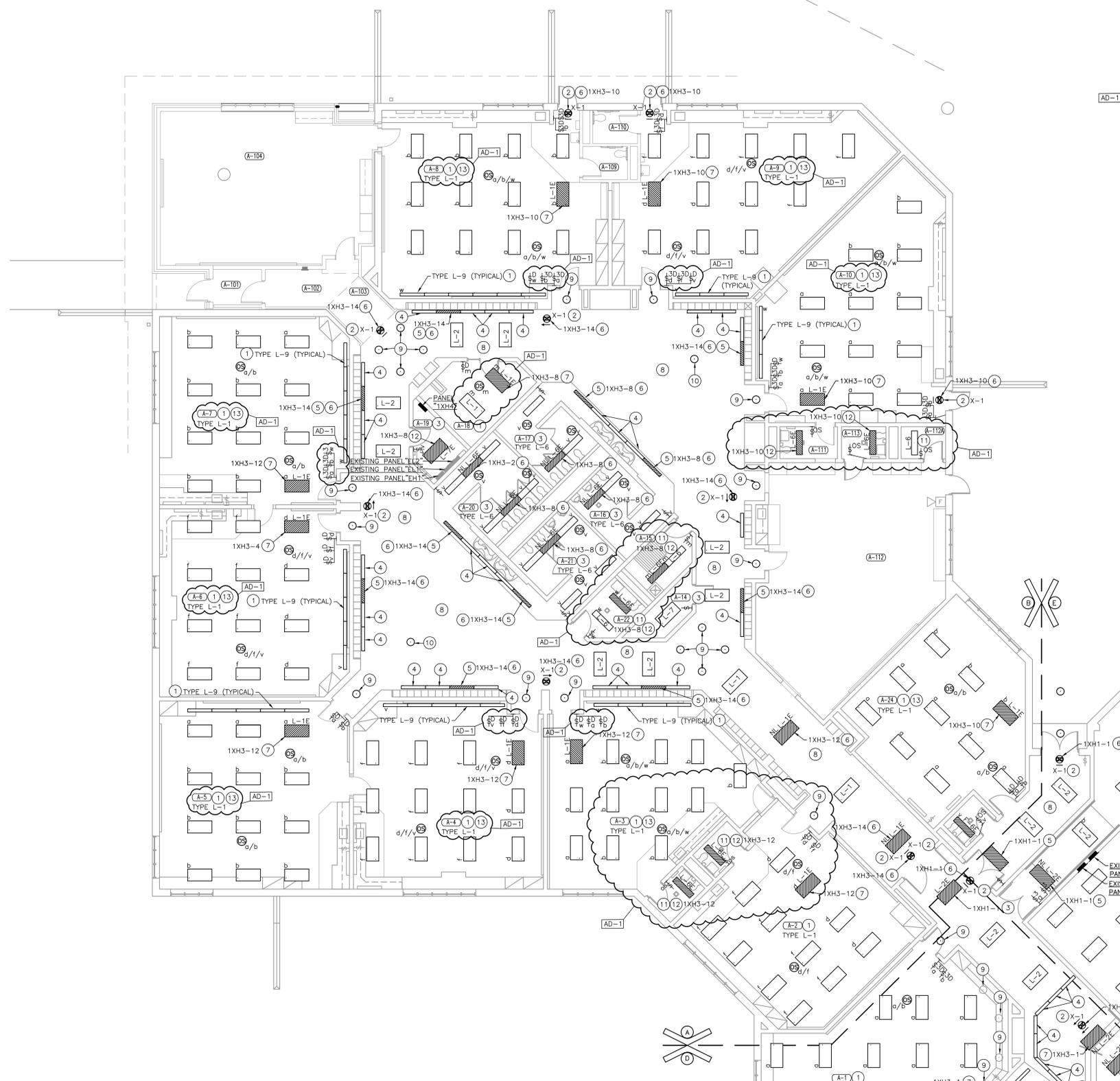
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REVISIONS		
MARK	DATE	ISSUED FOR
AD-1	03/01/23	ADDENDUM NO. 1

DRAWING  
**UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING PLAN**

PROJECT  
JERRY ROSS ELEMENTARY SCHOOL ADDITIONS, RENOVATION, AND RELATED WORK

GIBRALTAR DESIGN SHEET  
**E-101A**



**UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING PLAN**  
SCALE: 1/8" = 1'-0"



Monday, 2/27/2023 - 4:32 PM - LAST SAVED BY: CHAMBERS, Y. V. 21-118 CROWN POINT CSC - ROSS, ES IMPROVEMENTS\21-118 DRAWINGS\09 ELEC\1-E-101A.DWG

**ALTERNATE BID**



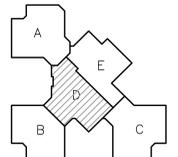




**GIBRALTAR**  
DESIGN  
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PROJECT  
**JERRY ROSS  
ELEMENTARY  
SCHOOL  
ADDITIONS,  
RENOVATION,  
AND RELATED  
WORK**

FOR:  
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT  
21-118  
DATE  
2/9/23  
COORDINATED BY  
PCB  
DRAWN BY  
PCB JVC  
CHECKED BY  
JPB

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REVISIONS	MARK	DATE	ISSUED FOR
AD-1	03/01/23	ADDENDUM NO. 1	

DRAWING	SHEET
UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN	E-104A

PROJECT  
JERRY ROSS ELEMENTARY SCHOOL  
ADDITIONS, RENOVATION, AND  
RELATED WORK

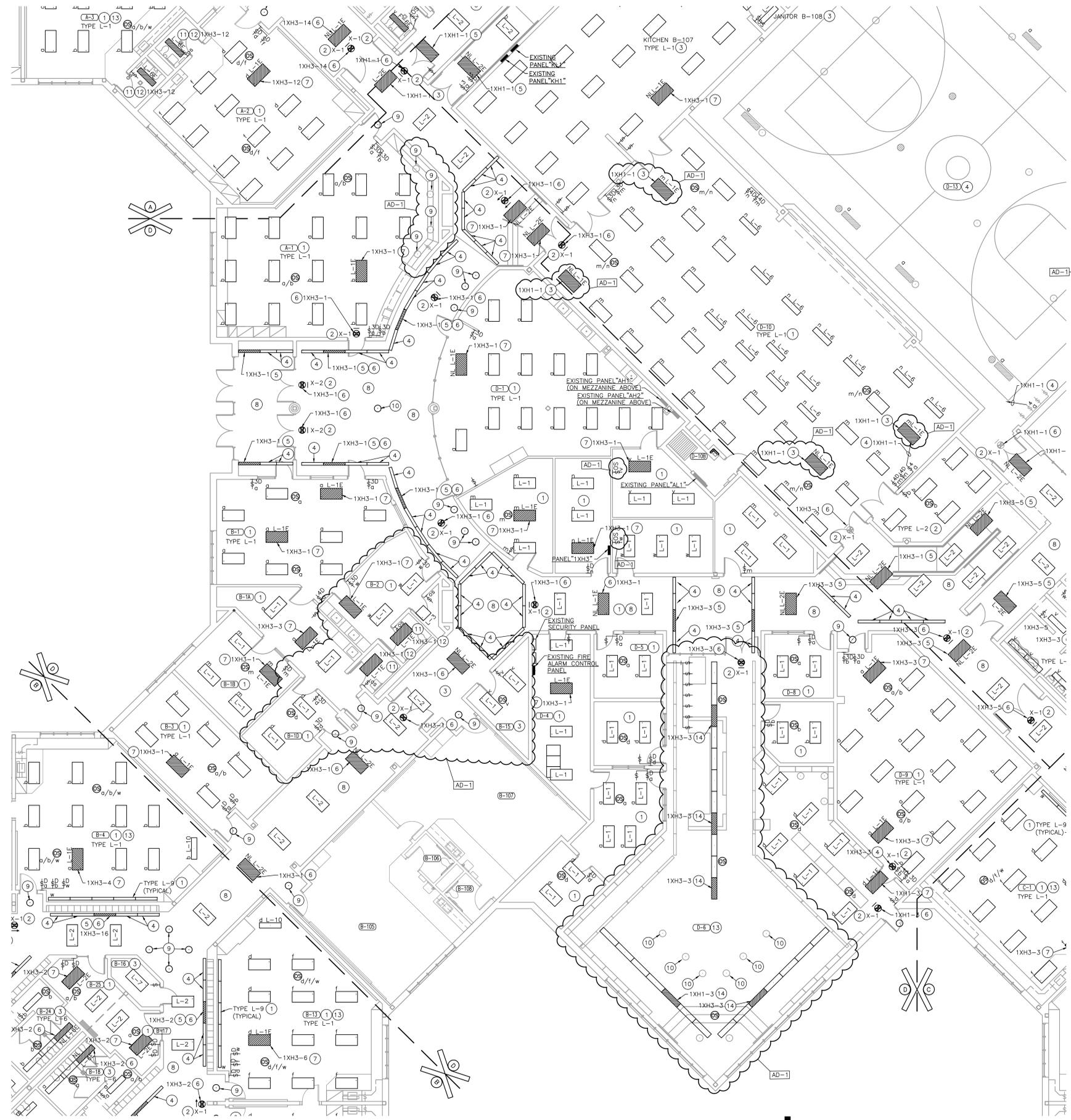
GIBRALTAR DESIGN SHEET  
**E-104A**

**GENERAL NOTES:**

- FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
- SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
- SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
- CONNECT NIGHT LIGHTS/EMERGENCY LIGHTS AND EXIT SIGNS TO CIRCUITS INDICATED AHEAD OF ANY CONTROLS.
- PROVIDE ALL LABOR AND MATERIAL TO MODIFY THE WIRING TO THE EXISTING EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES. NOT ALL EXIT SIGNS AND EMERGENCY LIGHTS ARE SHOWN. CONTRACTOR SHALL VISIT SITE AND DETERMINE THE LOCATION OF ALL EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES. (ALTERNATE BID).
- CONNECT ALL EXIT LIGHTS AND EMERGENCY LIGHTING ON THIS SHEET TO CIRCUITS INDICATED WITH #8 AWG CONDUCTORS. (GENERATOR ALTERNATE BID).
- REMOVE AND REINSTALL EXISTING CEILING IN THIS ROOM AS NECESSARY TO COMPLETE THE ELECTRICAL WORK.

**ELECTRICAL PLAN NOTES:**  
(THESE NOTES APPLY TO THIS SHEET ONLY)

- REPLACE THE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND DIMMERS. PROVIDE THE NEW OCCUPANCY SENSORS AS SHOWN AND CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND WALL DIMMERS IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM. (LIGHTING UPGRADE ALTERNATE BID).
- REPLACE THE EXISTING EXIT LIGHT WITH A NEW EXIT SIGN AS SHOWN AND CONNECT TO THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- REPLACE THE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND LIGHT SWITCH. PROVIDE THE NEW OCCUPANCY SENSORS AS SHOWN AND CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND LIGHT SWITCH IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM. (LIGHTING UPGRADE ALTERNATE BID).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING FLUORESCENT LAMPS WITH NEW LED RETROFIT LAMPS. PHILIPS XXX OR APPROVED EQUALS) (LIGHTING UPGRADE ALTERNATE BID).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING FLUORESCENT LAMPS AND BATTERY UNITS WITH NEW LED RETROFIT LAMPS AND THE APPROPRIATE EMERGENCY GENERATOR TRANSFER DEVICE. MODIFY WIRING TO CONNECT LIGHTING FIXTURE TO EXISTING LIGHTING CIRCUIT AHEAD OF ANY CONTROLS TO SERVE AS NIGHT LIGHT. (LIGHTING UPGRADE ALTERNATE BID)
- DELETE THE EMERGENCY BATTERY UNIT IN THIS FIXTURE AND CONNECT THE NEW LIGHTING FIXTURE TO THE NEW EMERGENCY CIRCUIT INDICATED AHEAD OF ANY CONTROLS. (GENERATOR ALTERNATE BID).
- DELETE THE EMERGENCY BATTERY UNIT IN THIS FIXTURE AND PROVIDE LIGHTING FIXTURE WITH A EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT THE NEW LIGHTING FIXTURE AND EMERGENCY GENERATOR TRANSFER DEVICE TO THE NEW EMERGENCY CIRCUIT SO THAT ON LOSS OF NORMAL POWER, IT TRANSFER TO THE EMERGENCY CIRCUIT. (GENERATOR ALTERNATE BID).
- REPLACE THE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS TO THE EXISTING CIRCUIT AND CONTROLS. UNLESS OTHERWISE NOTED, CONNECT LIGHTING FIXTURE DESIGNATED AS NIGHT LIGHT (NL) TO EXISTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING COMPACT FLUORESCENT LAMPS IN THE EXISTING LIGHTING FIXTURE WITH NEW LED RETROFIT LAMPS. PHILIPS XXX OR APPROVED EQUALS.
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING METAL HALIDE LAMP IN THE EXISTING LIGHTING FIXTURE WITH NEW LED RETROFIT LAMPS. PHILIPS XXX OR APPROVED EQUALS.
- REPLACE THE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS TO THE EXISTING CIRCUIT AND CONTROLS. UNLESS OTHERWISE NOTED, CONNECT LIGHTING FIXTURE DESIGNATED AS NIGHT LIGHT (NL) TO EXISTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- DELETE THE BATTERY IN THE EMERGENCY LIGHTING FIXTURE. MODIFY WIRING AS NECESSARY TO CONNECT ALL OF THE NEW LIGHTING FIXTURES IN THIS ROOM AND NEW OCCUPANCY SENSORS/LIGHT SWITCH SHOWN TO THE EMERGENCY CIRCUIT INDICATED. (GENERATOR ALTERNATE BID).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING FLUORESCENT LAMPS IN THE EXISTING PENDANT MOUNTED LIGHTING FIXTURE WITH NEW LED RETROFIT LAMPS. PHILIPS XXX OR APPROVED EQUALS. CONNECT ALL OF THE EXISTING LIGHTING FIXTURES IN THIS ROOM TO THE NEW OCCUPANCY SENSORS SHOWN.
- REPLACE THE EXISTING BATTERY UNIT IN THE EXISTING LIGHTING FIXTURE WITH A NEW EMERGENCY BATTERY UNIT. UNDER THE GENERATOR ALTERNATE BID, DELETE THE BATTERY UNIT AND PROVIDE THE APPROPRIATE EMERGENCY GENERATOR TRANSFER DEVICE AND CONNECT TO THE EMERGENCY CIRCUIT SHOWN SO THAT ON LOSS OF NORMAL POWER, IT TRANSFER TO THE EMERGENCY CIRCUIT.



**UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN**  
SCALE: 1/8" = 1'-0"



Tuesday, 2/28/2023 - 10:18 AM - LAST SAVED BY: JCHAMBERS  
Y:\21-118 CROWN POINT CSC - ROSS ES  
IMPROVEMENTS\21-118 DRAWINGS\09 ELEC\1-104A.DWG

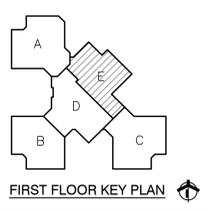
ROOM LEGEND	
ROOM NO.	ROOM NAME



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

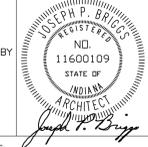
PROJECT  
**JERRY ROSS ELEMENTARY SCHOOL ADDITIONS, RENOVATION, AND RELATED WORK**

FOR:  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA



**GIBRALTAR DESIGN**  
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PROJECT: 21-118  
DATE: 2/9/23  
COORDINATED BY: PCB  
DRAWN BY: PCB JVC  
CHECKED BY: JPB



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REVISIONS	MARK	DATE	ISSUED FOR
AD-1	03/01/23	ADDENDUM NO. 1	

REVISIONS	MARK	DATE	ISSUED FOR

DRAWING  
**UNIT "E" ELECTRICAL FIRST FLOOR LIGHTING PLAN**

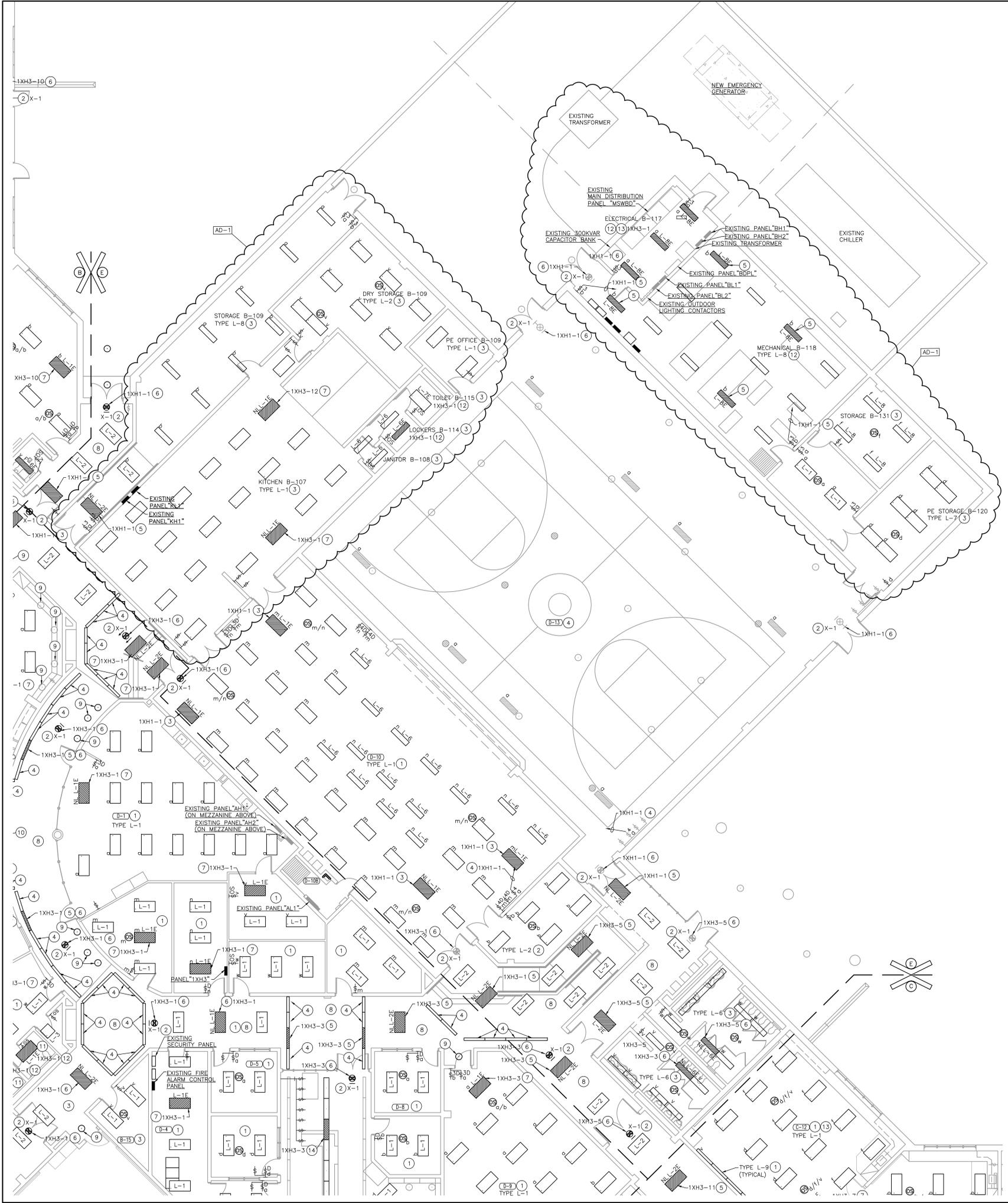
PROJECT  
JERRY ROSS ELEMENTARY SCHOOL ADDITIONS, RENOVATION, AND RELATED WORK  
SHEET  
**E-105A**

**GENERAL NOTES:**

- FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
- SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
- SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
- CONNECT NIGHT LIGHTS/EMERGENCY LIGHTS AND EXIT SIGNS TO CIRCUITS INDICATED AHEAD OF ANY CONTROLS.
- PROVIDE ALL LABOR AND MATERIAL TO MODIFY THE WIRING TO THE EXISTING EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES. NOT ALL EXIT SIGNS AND EMERGENCY LIGHTS ARE SHOWN. CONTRACTOR SHALL VISIT SITE AND DETERMINE THE LOCATION OF ALL EXIT SIGNS AND EMERGENCY LIGHTING FIXTURES. (ALTERNATE BID).
- CONNECT ALL EXIT LIGHTS AND EMERGENCY LIGHTING ON THIS SHEET TO CIRCUITS INDICATED WITH #8 AWG CONDUCTORS. (GENERATOR ALTERNATE BID).

**ELECTRICAL PLAN NOTES:**  
(THESE NOTES APPLY TO THIS SHEET ONLY)

- REPLACE THE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND DIMMERS. PROVIDE THE NEW OCCUPANCY SENSORS AS SHOWN AND CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND WALL DIMMERS IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM. (LIGHTING UPGRADE ALTERNATE BID).
- REPLACE THE EXISTING EXIT LIGHT WITH A NEW EXIT SIGN AS SHOWN AND CONNECT TO THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- REPLACE THE EXISTING LIGHTING FIXTURES AND LIGHT SWITCHES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND LIGHT SWITCH. PROVIDE THE NEW OCCUPANCY SENSORS AS SHOWN AND CONNECT THE NEW LIGHTING FIXTURES TO THE NEW OCCUPANCY SENSORS AND LIGHT SWITCH IN THIS ROOM TO THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM. CONNECT LIGHTING FIXTURE DESIGNATED AS NIGHT LIGHT (NL) TO EXISTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING FLUORESCENT LAMPS WITH NEW LED RETROFIT LAMPS. PHILIPS XXX OR APPROVED EQUALS) (LIGHTING UPGRADE ALTERNATE BID).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING FLUORESCENT LAMPS AND BATTERY UNITS WITH NEW LED RETROFIT LAMPS AND THE APPROPRIATE BATTERY UNIT. (PHILIPS XXX OR APPROVED EQUALS). MODIFY WIRING TO CONNECT LIGHTING FIXTURE TO EXISTING LIGHTING CIRCUIT AHEAD OF ANY CONTROLS TO SERVE AS NIGHT LIGHT. (LIGHTING UPGRADE ALTERNATE BID)
- DELETE THE EMERGENCY BATTERY UNIT IN THIS FIXTURE AND CONNECT THE NEW LIGHTING FIXTURE TO THE NEW EMERGENCY CIRCUIT INDICATED AHEAD OF ANY CONTROLS. (GENERATOR ALTERNATE BID).
- DELETE THE EMERGENCY BATTERY UNIT IN THIS FIXTURE AND PROVIDE LIGHTING FIXTURE WITH A EMERGENCY GENERATOR TRANSFER DEVICE. CONNECT THE NEW LIGHTING FIXTURE AND EMERGENCY GENERATOR TRANSFER DEVICE TO THE NEW EMERGENCY CIRCUIT SO THAT ON LOSS OF NORMAL POWER, IT TRANSFER TO THE EMERGENCY CIRCUIT. (GENERATOR ALTERNATE BID).
- REPLACE THE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS TO THE EXISTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED. CONNECT LIGHTING FIXTURE DESIGNATED AS NIGHT LIGHT (NL) TO EXISTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING COMPACT FLUORESCENT LAMPS IN THE EXISTING LIGHTING FIXTURE WITH NEW LED RETROFIT LAMPS. PHILIPS XXX OR APPROVED EQUALS.
- PROVIDE ALL LABOR AND MATERIAL TO PROPERLY REPLACE THE EXISTING METAL HALIDE LAMP IN THE EXISTING LIGHTING FIXTURE WITH NEW LED RETROFIT LAMPS. PHILIPS XXX OR APPROVED EQUALS.
- REPLACE THE EXISTING LIGHTING FIXTURES IN THIS ROOM WITH THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS AS SHOWN. MODIFY WIRING AS NECESSARY TO CONNECT THE NEW LIGHTING FIXTURES AND NEW OCCUPANCY SENSORS TO THE EXISTING CIRCUIT AND CONTROLS, UNLESS OTHERWISE NOTED. CONNECT LIGHTING FIXTURE DESIGNATED AS NIGHT LIGHT (NL) TO EXISTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS. (LIGHTING UPGRADE ALTERNATE BID).
- DELETE THE BATTERY IN THE EMERGENCY LIGHTING FIXTURE. MODIFY WIRING AS NECESSARY TO CONNECT ALL OF THE NEW LIGHTING FIXTURES IN THIS ROOM AND NEW OCCUPANCY SENSORS/LIGHT SWITCH SHOWN TO THE EMERGENCY CIRCUIT INDICATED. (GENERATOR ALTERNATE BID).
- EXISTING UNDERCABINET LIGHTING FIXTURES AND ASSOCIATED CONTROLS IN THIS ROOM SHALL REMAIN.



**UNIT "E" ELECTRICAL FIRST FLOOR LIGHTING PLAN**  
SCALE: 1/8" = 1'-0"



**ALTERNATE BID**

Tuesday, 2/28/2023 - 9:41 AM - LAST SAVED BY: CHAMBERS  
Y:\21-118 CROWN POINT CSC - ROSS ES IMPROVEMENTS\21-118 DRAWINGS\09 ELEC\E-105A.DWG





MARK & TYPE		REMARKS																
"1XH1" TYPE: SQ D NF OR APPROVED EQUAL 277/480V, 3 PH, 4W 200 AMP MAIN LUGS NEMA 1 SURFACE MOUNTED		BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS. CIRCUIT BREAKERS SHALL HAVE MINIMUM 35,000 AMP INTERRUPTING CAPACITY.																
DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION		
UNIT E EMERGENCY LIGHTS	1	1	20	1.32			1.32								1	20	2	SPARE
SPARE	3	1	20												1	20	4	SPARE
SPARE	5	1	20												1	20	6	SPARE
SPARE	7	1	20												1	20	8	SPARE
SPARE	9	1	20												1	20	10	SPARE
SPARE	11	1	20												1	20	12	SPARE
SPARE	13	1	20												1	20	14	SPARE
SPARE	15	1	20												1	20	16	SPARE
SPARE	17	1	20												1	20	18	SPARE
SPARE	19	1	20												3	100	20	PANEL "1XH3"
SPARE	21	1	20	5.31			5.31											
SPARE	23	1	20	2.46				2.46										
SPARE	25	1	20	2.87					2.87									
TOTAL CONNECTED LOAD (kVA)							11.98											
TOTAL DEMAND LOAD (kVA)							11.98			6.63	2.46	2.87						

MARK & TYPE		REMARKS																
"1XH2" TYPE: SQ D I-LINE OR APPROVED EQ 277/480V, 3 PH, 4W 400 AMP MAIN BREAKER NEMA 1 SURFACE MOUNTED		BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS. CIRCUIT BREAKERS SHALL HAVE MINIMUM 35,000 AMP INTERRUPTING CAPACITY.																
DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION		
HHWP-1 (15 HP)	1	3	30	5.82			5.82								3	20	2	BOILER B1
SPARE	3	1	20	3.96			3.96											
SPARE	5	1	20	5.82			5.82											
SPARE	7	3	30	3.96			3.96											
HHWP-2 (15 HP)	7	3	30	5.82			5.82								3	20	8	BOILER B2
SPARE	9	1	20	3.96			3.96											
SPARE	11	1	20	5.82			5.82											
SPARE	13	3	20	3.96			3.96											
SPARE	15	1	20	5.82			5.82								3	30	14	SPARE
SPARE	17	1	20	3.96			3.96											
SPARE	19	3	20	5.82			5.82											
SPARE	21	1	20	3.96			3.96								3	30	20	SPARE
SPARE	23	1	20	5.82			5.82											
SPARE	25	3	20	3.96			3.96											
SPARE	27	1	20	5.82			5.82											
SPARE	29	1	20	3.96			3.96											
PANEL "1XH4"	31	3	60	7.70			7.70											
SPARE	33	1	20	7.95			7.95								3	60	32	PANEL "1XH5"
SPARE	35	1	20	4.52			4.52											
SPARE	37	1	20	4.52			4.52											
75 KVA XFMR (PANEL "1XL1")	37	3	150	1.00	4.50	5.84	11.34								3	60	38	PANEL "1XH6"
SPARE	39	1	20	6.11			6.11											
SPARE	41	1	20	0.50	5.22	6.83	12.55											
SPARE	43	1	20	3.39			3.39											
SPARE	45	1	20	1.88			1.88											
SPARE	47	1	20	4.52			4.52											
TOTAL CONNECTED LOAD (kVA)							1.50	11.59	128.43	52.66	44.54	44.31						
TOTAL DEMAND LOAD (kVA)							1.50	10.79	128.43									

MARK & TYPE		REMARKS																
"1XH3" TYPE: SQ D NF OR APPROVED EQUAL 277/480V, 3 PH, 4W 100 AMP MAIN LUGS NEMA 1 SURFACE MOUNTED		BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS. CIRCUIT BREAKERS SHALL HAVE MINIMUM 35,000 AMP INTERRUPTING CAPACITY.																
DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION		
UNIT B EMERGENCY LIGHTS	1	1	20	2.14			2.14											
SPARE	3	1	20	0.79			0.79								1	20	2	UNIT B EMERGENCY LIGHTS
UNIT C EMERGENCY LIGHTS	5	1	20	0.55			0.55								1	20	4	UNIT C EMERGENCY LIGHTS
SPARE	7	1	20	0.68			0.68											
UNIT A EMERGENCY LIGHTS	7	1	20	0.66			0.66								1	20	6	UNIT A EMERGENCY LIGHTS
SPARE	9	1	20	0.80			0.80								1	20	8	UNIT A EMERGENCY LIGHTS
UNIT C EMERGENCY LIGHTS	9	1	20	0.66			0.66											
SPARE	11	1	20	0.63			0.63								1	20	10	UNIT C EMERGENCY LIGHTS
UNIT A EMERGENCY LIGHTS	11	1	20	0.66			0.66											
SPARE	13	1	20	0.92			0.92											
UNIT B EMERGENCY LIGHTS	15	1	20	0.92			0.92								1	20	14	UNIT B EMERGENCY LIGHTS
SPARE	17	1	20												1	20	16	UNIT B EMERGENCY LIGHTS
SPARE	19	1	20															
SPARE	21	1	20															
SPARE	23	1	20															
SPARE	25	1	20															
SPARE	27	1	20															
SPARE	29	1	20															
TOTAL CONNECTED LOAD (kVA)							10.84			3.31	2.46	2.87						
TOTAL DEMAND LOAD (kVA)							10.84											

EMERGENCY GENERATOR EQUIPMENT STANDBY POWER CONNECTION LIST									
EQUIPMENT	ROOM	HP	OLD CIRCUIT	NEW CIRCUIT	NOTES				
<b>UNIT A</b>									
FPB-E1	A-8	1/2	EH1-8	1XH4-2					
FPB-E2	A-9	1/2	EH1-8	1XH4-2					
FPB-E3	A-10	1/2	EH1-8	1XH4-2					
FPB-E4	A-112	1/2	EH1-10	1XH4-4					
FPB-E5	A-3	1/2	EH1-10	1XH4-4					
FPB-E6	A-4	1/2	EH1-10	1XH4-4					
FPB-E7	A-5	1/2	EH1-12	1XH4-3					
FPB-E8	A-6	1/2	EH1-12	1XH4-3					
FPB-E9	A-7	1/2	EH1-12	1XH4-3					
FPB-E10	MEZZ	1/2	EH1-25	1XH4-6					
FPB-E11	MEZZ	1/2	EH1-25	1XH4-6					
PUH-E1	MEZZ	1/8	EL2-6	2XL2-4					
PUH-E1	MEZZ	1/8	EL2-6	2XL1-4					
TCP	MEZZ			2XL1-2					
FPB-A1	A-104			1XH4-1					
<b>UNIT B</b>									
FPB-D1	B-13	1/2	DH1-8	1XH5-3					
FPB-D2	B-12	1/2	DH1-8	1XH5-3					
FPB-D3	B-11	1/2	DH1-8	1XH5-3					
FPB-D4	B-10	1/2	DH1-10	1XH5-1					
FPB-D5	B-9	1/2	DH1-10	1XH5-1					
FPB-D6	B-8	1/2	DH1-10	1XH5-1					
FPB-D7	B-7	1/2	DH1-12	1XH5-4					
FPB-D8	B-6	1/2	DH1-12	1XH5-4					
FPB-D9	B-5	1/2	DH1-14	1XH5-6					
FPB-D10	B-4	1/2	DH1-14	1XH5-6					
FPB-D11	MEZZ	1/2	DH1-29	1XH5-5					
FPB-D12	MEZZ	1/2	DH1-29	1XH5-5					
FPB-B1	B-104	1/2	DH1-29	1XH5-2					
FPB-B2	A-24	1/2	BL2-5	1XL1-2					
<b>PUH-D1</b>									
PUH-D1	MEZZ	1/8	DL2-9	1XL2-13					
TCP	MEZZ			1XL2-11					
<b>UNIT C</b>									
FPB-C1	C-11	1/2	CH1-23	1XH6-3					
FPB-C2	C-10	1/2	CH1-23	1XH6-3					
FPB-C3	C-9	1/2	CH1-23	1XH6-3					
FPB-C4	C-8	1/2	CH1-25	1XH6-5					
FPB-C5	C-7	1/2	CH1-25	1XH6-5					
FPB-C6	C-6	1/2	CH1-25	1XH6-5					
FPB-C7	C-5	1/2	CH1-27	1XH6-1					
FPB-C8	C-4	1/2	CH1-27	1XH6-1					
FPB-C9	C-3	1/2	CH1-29	1XH6-6					
FPB-C10	C-2	1/2	CH1-29	1XH6-6					
FPB-C11	MEZZ	1/2		1XH6-2					
FPB-C12	MEZZ	1/2		1XH6-2					
FPB-B1	C-12	1/2	BH1-31	1XH6-4					
PUH-C1	MEZZ	1/8	EL2-6	2XL2-4					
PUH-C1	MEZZ	1/8	EL2-6	2XL2-4					
TCP	MEZZ			2XL2-2					
FPB-B1	C-12	1/2	BH1-31	1XH6-4					
<b>UNIT D</b>									
FPB-A1	B105	1/2	AH1-6	1XH5-7					
FPB-A2	B107	1/2	AH1-6	1XH5-7					
FPB-A3	B-3	1/2	AH1-6	1XH5-7					
FPB-A4	B-1A	1/2	AH1-4	1XH5-9					
FPB-A5	A-1	1/2	AH1-4	1XH4-6					
FPB-A6	A-2	1/2	AH1-4	1XH4-6					
FPB-A7	D-8	1/2	AH1-2	1XH5-12					



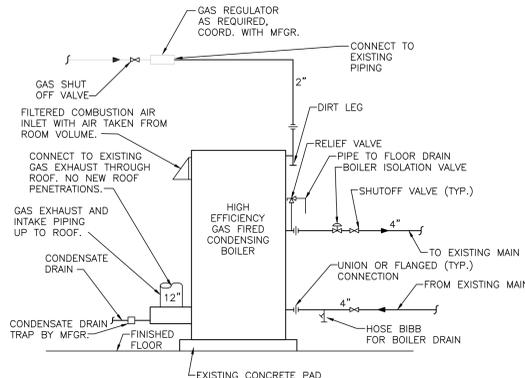
### CONDENSING BOILER SCHEDULE

BL NO.	TYPE	MANUFACTURER	MODEL NUMBER	BOILER DATA			BURNER DATA				SEE NOTE	
				INPUT MBH	OUTPUT MBH	GPM	GAS CFH	FLA	MOCP	VOLTS		PHASE
B1	CONDENSING	CAMUS	AR-3500	3500	3307	332	3500	20	30	460	3	ALL
B2	CONDENSING	CAMUS	AR-3500	3500	3307	332	3500	20	30	460	3	ALL

**NOTES:**

- CAPACITIES ARE BASED ON NATURAL GAS HEATING CONTENT OF 1000 BTU/CUBIC FT.
- GAS PRESSURE TO GAS TRAIN REGULATOR IS 14".
- PROVIDE BOILER ISOLATION VALVE CONTROLLED BY BOILER MANAGEMENT CONTROL PANEL AND MONITORED BY BMS, NEUTRALIZATION ASSEMBLY ON DRAIN.
- ENTERING WATER AT 160deg WITH LEAVING WATER AT 180deg.
- PROVIDE MANUFACTURER BOILER MANAGEMENT CONTROL PANEL WITH BMS INTERFACE.

AD#01



#### BOILER PIPING DETAIL

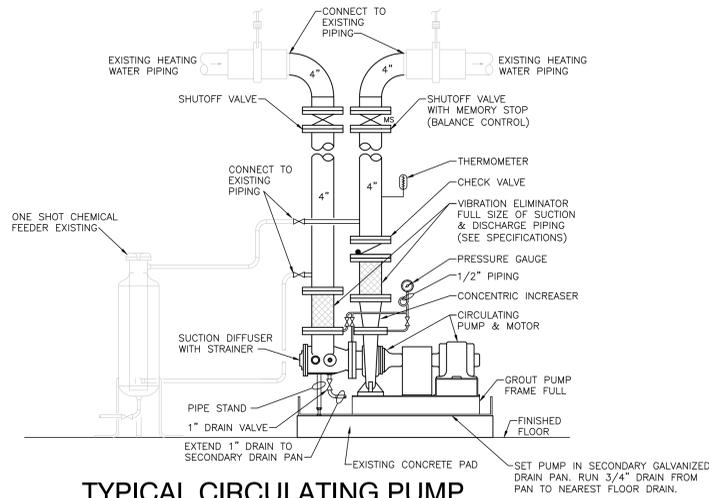
NOT TO SCALE

### SYSTEM CIRCULATING PUMP SCHEDULE

CP NO.	SYSTEM SERVED	BELL AND GOSSETT MODEL NUMBER		GPM	FEET HEAD	HP	SEE NOTE
		SERIES	SIZE				
CP-H1	HEATING WATER PRIMARY	E-1510	3BD	332	90	15	1,2,3,6
CP-H2	HEATING WATER PRIMARY	E-1510	3BD	332	90	15	1,2,3,6

**NOTES:**

- PUMP MOTOR: 460 VOLTS, 3 PHASE, 60 HERTZ, 1750 RPM.
- PUMP SHALL OPERATE ON CONSTANT SPEED, PARALLEL OPERATION.
- ALL PIPING TO PUMPS SHALL BE FULL SIZE INLET/OUTLET.
- PUMP OPERATION WITH VFD. PROVIDE INVERTER DUTY MOTOR WITH SHAFT GROUNDING.
- SYSTEM FLUID IS 30% GLYCOL SOLUTION.
- SYSTEM FLUID IS WATER.



#### TYPICAL CIRCULATING PUMP CONNECTION DIAGRAM

NOT TO SCALE

**GENERAL NOTES:**

- SEE SHEET M-001 FOR GENERAL MECHANICAL NOTES AND LEGEND.

**DEMOLITION PLAN NOTES:**

- REMOVE BOILER #1 COMPLETE. DISCONNECT GAS PIPING, HEATING WATER SUPPLY AND RETURN PIPING, BOILER FLUE, ETC. REMOVE ALL PIPING TO ALLOW FOR RECONNECTIONS AS NOTED. REMOVE FLUE TO UNDERSIDE OF ROOF TO ALLOW FOR RECONNECTION. REMOVE GAS PIPING TO ALLOW FOR RECONNECTION.
- REMOVE BOILER #2 COMPLETE. DISCONNECT GAS PIPING, HEATING WATER SUPPLY AND RETURN PIPING, BOILER FLUE, ETC. REMOVE ALL PIPING TO ALLOW FOR RECONNECTIONS AS NOTED. REMOVE FLUE TO UNDERSIDE OF ROOF TO ALLOW FOR RECONNECTION. REMOVE GAS PIPING TO ALLOW FOR RECONNECTION.
- REMOVE BOILER RETURN PIPING TO THIS LOCATION FROM BOILER INLET. PREPARE PIPING FOR RECONNECTION.
- REMOVE BOILER SUPPLY PIPING TO THIS LOCATION FROM BOILER DISCHARGE. PREPARE PIPING FOR RECONNECTION.
- REMOVE HEATING WATER PUMP #1 AND INLET AND DISCHARGE PIPING TO ALLOW FOR REPLACEMENT PUMP INSTALLATION.
- REMOVE HEATING WATER PUMP #2 AND INLET AND DISCHARGE PIPING TO ALLOW FOR REPLACEMENT PUMP INSTALLATION.
- 16" BOILER FLUE THROUGH ROOF. REMOVE FROM UNDERSIDE OF ROOF TO BOILER.
- HEATING WATER SYSTEM TEMPERATURE CONTROL PANEL ON WALL.

**PLAN NOTES:**

- PROPOSED BOILER #B1 SET ON EXISTING CONCRETE PAD. PROVIDE NEW CONNECTIONS TO EXISTING HEATING WATER SUPPLY AND RETURN, FLUE, NATURAL GAS PIPING. INSTALL FLUE DRAIN PIPING FROM NEUTRALIZATION KIT TO EXISTING FLOOR DRAIN.
- PROPOSED BOILER #B2 SET ON EXISTING CONCRETE PAD. PROVIDE NEW CONNECTIONS TO EXISTING HEATING WATER SUPPLY AND RETURN, FLUE, NATURAL GAS PIPING. INSTALL FLUE DRAIN PIPING FROM NEUTRALIZATION KIT TO EXISTING FLOOR DRAIN.
- 12" PVC FLUE FROM BOILER TO EXISTING 16" FLUE THROUGH ROOF. PROVIDE NEW CONNECTION TO EXISTING AT UNDERSIDE OF ROOF.
- 4" HEATING WATER SUPPLY AND RETURN PIPING DOWN TO BOILER FROM MAIN PIPING.
- CONNECT 6" HEATING WATER RETURN PIPING TO EXISTING AT THIS LOCATION.
- CONNECT 6" HEATING WATER SUPPLY PIPING TO EXISTING AT THIS LOCATION.
- SET HEATING WATER PUMP CP-H1 ON EXISTING CONCRETE PAD.
- SET HEATING WATER PUMP CP-H2 ON EXISTING CONCRETE PAD.
- CONNECT 4" HEATING WATER SUPPLY AND RETURN PIPING TO EXISTING AT THIS LOCATION.
- EXISTING HEATING WATER SYSTEM TEMPERATURE CONTROL PANEL ON WALL.
- SET BOILER MANAGEMENT PANEL ON WALL NEXT TO EXISTING TC PANEL. PROVIDE REQUIRED INTERFACE FOR BOILER CONTROL.

**GENERATOR ALTERNATE NOTES:**

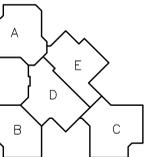
CONTRACTOR SHALL CONFIRM WITH THE EXISTING BUILDING BMS SYSTEM CONTRACTOR THE OPERATION OF THE FAN POWERED VAV BOXES INTO THE BUILDING EMERGENCY GENERATOR OPERATIONS. FAN POWERED BOXES SHALL OPERATE ON EMERGENCY GENERATOR INDEPENDENT OF THE AIR HANDLER SERVING THE BOXES. PROVIDE AN INTERLOCK SEQUENCE WHICH ALLOWS THE BOXES TO OPERATE. TEMPERATURE CONTROL PANELS, FAN POWERED BOXES AND ADMINISTRATION AIR HANDLER SHALL OPERATE DURING EMERGENCY GENERATOR OPERATION.



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PROJECT  
**JERRY ROSS ELEMENTARY SCHOOL ADDITIONS, RENOVATION, AND RELATED WORK**

FOR:  
CROWN POINT COMMUNITY SCHOOL CORPORATION  
CROWN POINT, INDIANA



**GIBRALTAR DESIGN**

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PROJECT  
21-118  
DATE  
2/9/23

COORDINATED BY  
AAW

DRAWN BY  
AAW

CHECKED BY  
JPB



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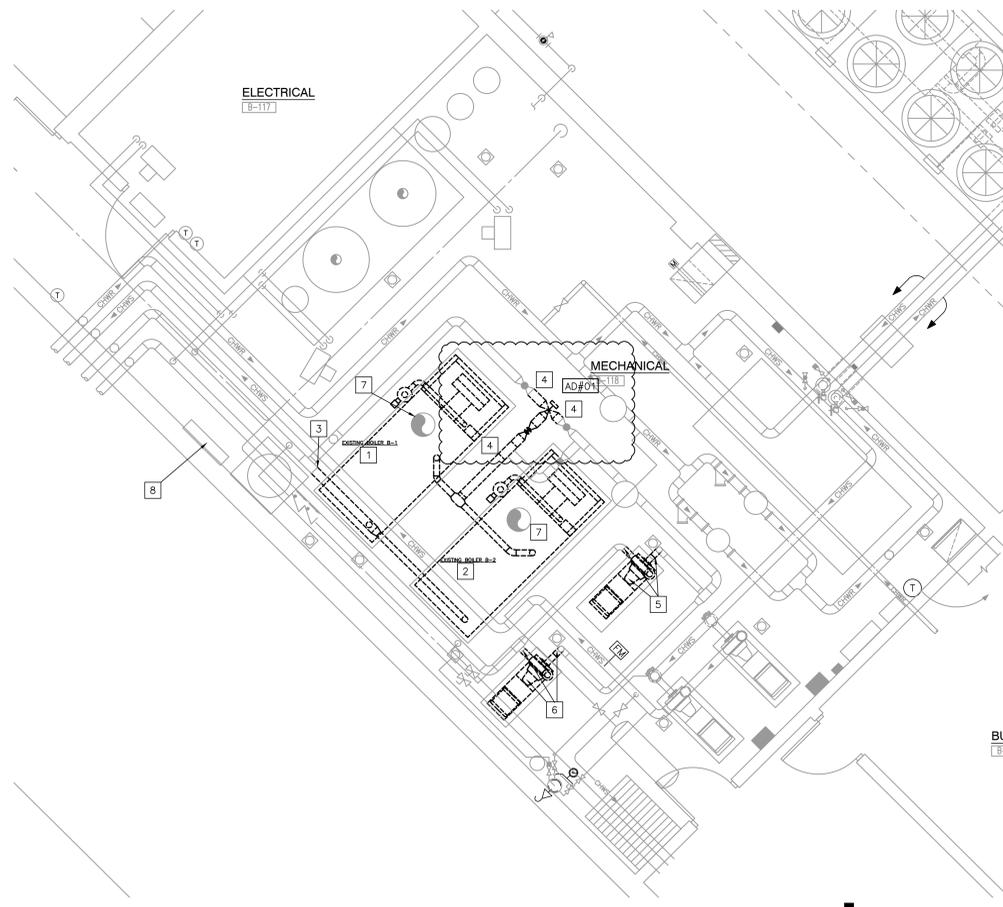
AD#01 03/01/23 ADDENDUM #1

DRAWING  
**MECHANICAL GENERAL NOTES & LEGEND**

PROJECT  
**JERRY ROSS ELEMENTARY SCHOOL ADDITIONS, RENOVATION, AND RELATED WORK**

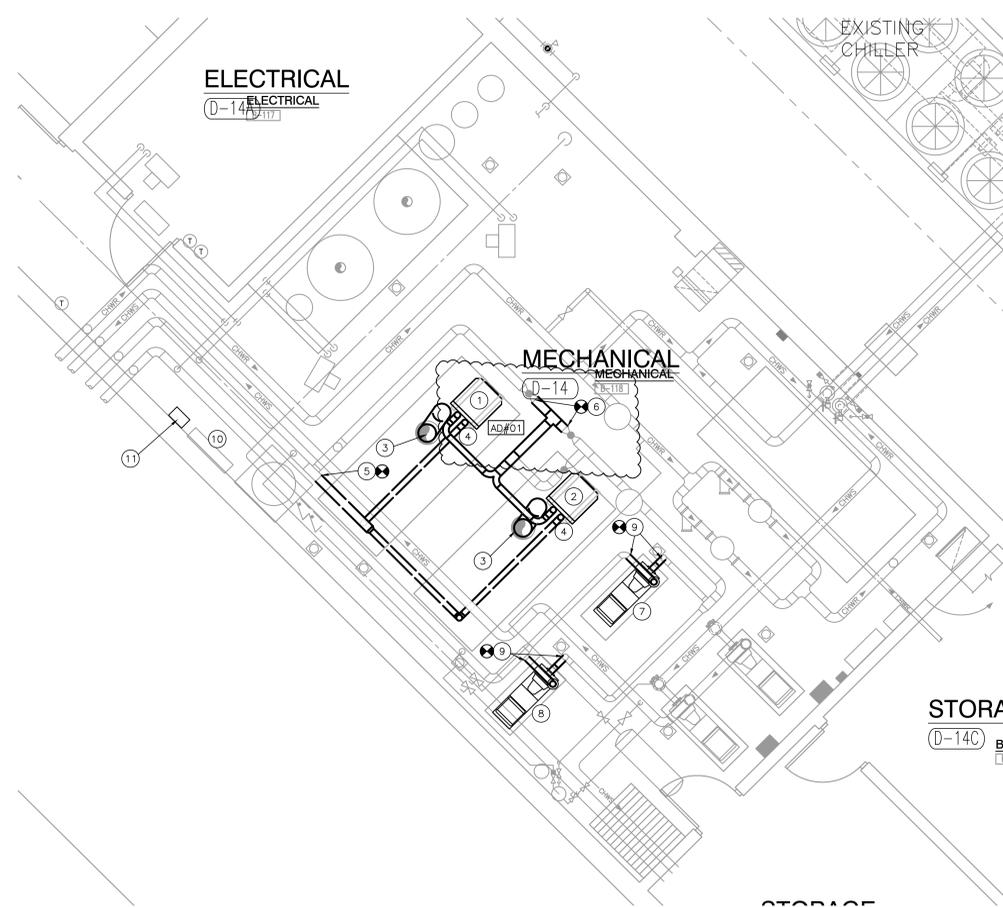
GIBRALTAR DESIGN SHEET

**M-002**



#### BOILER ROOM MECHANICAL DEMOLITION PLAN

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



#### BOILER ROOM MECHANICAL PLAN

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



**ALTERNATES**

GIBRALTAR DESIGN SHEET

**M-002**

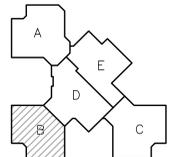




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PROJECT  
**JERRY ROSS  
ELEMENTARY  
SCHOOL  
ADDITIONS,  
RENOVATION,  
AND RELATED  
WORK**

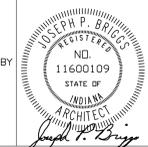
FOR:  
CROWN POINT COMMUNITY  
SCHOOL CORPORATION  
CROWN POINT, INDIANA



FIRST FLOOR KEY PLAN

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PROJECT: 21-118  
DATE: 2/9/23  
COORDINATED BY: AAW  
DRAWN BY: AAW  
CHECKED BY: JPB



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DRAWING  
**UNIT "B" FIRST FLOOR  
MECHANICAL PLAN**

PROJECT  
JERRY ROSS ELEMENTARY SCHOOL  
ADDITIONS, RENOVATION, AND  
RELATED WORK

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**M-102**

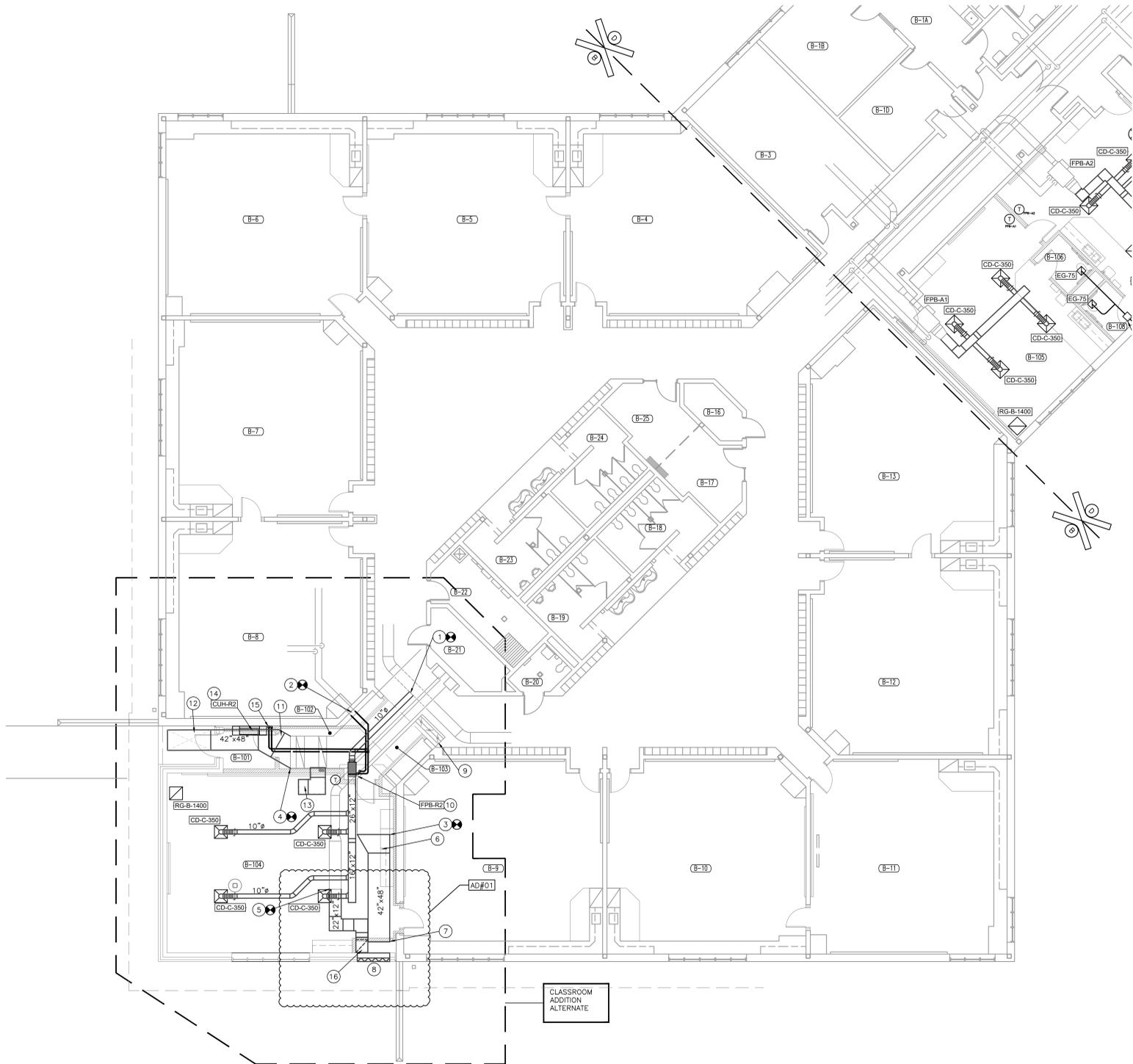
ROOM NO.	ROOM NAME
B-1	OFFICE
B-1A	WORK AREA
B-1B	PRINCIPAL
B-1D	STORAGE
B-2	NURSE
B-3	CONFERENCE
B-4	CLASSROOM
B-5	CLASSROOM
B-6	CLASSROOM
B-7	CLASSROOM
B-8	CLASSROOM
B-9	CLASSROOM
B-10	CLASSROOM
B-11	CLASSROOM
B-12	CLASSROOM
B-13	CLASSROOM
B-14	-
B-15	CUSTODIAN
B-16	TECHNOLOGY
B-17	CONFERENCE
B-18	GIRLS
B-19	BOYS
B-20	FACULTY
B-21	STORAGE
B-22	CUSTODIAN
B-23	BOYS
B-24	GIRLS
B-25	CONFERENCE
B-101	VESTIBULE
B-102	CORRIDOR
B-103	HALL
B-104	CLASSROOM
B-105	PRE-K CLASSROOM
B-106	TOILET
B-107	PRE-K CLASSROOM

**GENERAL NOTES:**

- SEE SHEET M-001 FOR GENERAL MECHANICAL NOTES AND LEGEND.
- SEE SHEET M-501 FOR MECHANICAL DETAILS.
- SEE SHEET M-601 FOR MECHANICAL EQUIPMENT SCHEDULES.

**PLAN NOTES:**

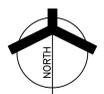
- CONNECT 10" MEDIUM PRESSURE DUCT TO EXISTING 20" DUCT ABOVE CORRIDOR CEILING. ROUTE 10" THROUGH EXISTING STRUCTURE TO FFB-R2 INLET. COORDINATE ELEVATION WITH EXISTING DUCTWORK AND PIPING.
- CONNECT 3/4" HEATING WATER PIPING TO EXISTING 3/4" PIPING AND EXTEND TO CABINET UNIT HEATER CUH-R2 AND FFB-R2.
- CONNECT TO EXISTING 60"x36" BUILDING PRESSURE RELIEF AIR DUCT. PROVIDE TRANSITION AT NEW CONNECTION FOR INSTALLATION OF 48"x48" DUCT EXTENDING TO EXTERIOR WALL CHASE AND DISCHARGE LOUVER IN WALL.
- CONNECT TO EXISTING 60"x30" OUTSIDE AIR DUCT SERVING AIR HANDLING UNIT IN MECHANICAL MEZZANINE. PROVIDE TRANSITION AND OFFSET AT NEW CONNECTION FOR INSTALLATION OF 48"x48" DUCT EXTENDING TO EXTERIOR INTAKE LOUVER IN SOFFIT AT EXTERIOR DOOR.
- CONNECT TO EXISTING 22"x12" EXHAUST AIR DUCT. PROVIDE TRANSITION AND OFFSET AS NEEDED AT NEW CONNECTION FOR INSTALLATION OF 22"x12" DUCT EXTENDING TO EXTERIOR DISCHARGE LOUVER IN SOFFIT AT EXTERIOR DOOR.
- TRANSITION AND OFFSET FITTING ON RELIEF AIR DUCT.
- EXTEND 42"x48" RELIEF AIR DUCT INTO CHASE. SEAL AIRTIGHT.
- 60"x84" RELIEF AIR LOUVER IN WALL. COORDINATE ROUGH OPENING SIZE. COLOR SHALL BE SELECTED BY ARCHITECT PRIOR TO ORDERING OF LOUVER.
- EXISTING RELIEF AIR DAMPER. INSPECT AND VERIFY OPERATION. PROVIDE REPORT OF ANY OPERATIONAL DISCREPANCIES.
- FPB TERMINAL UNIT ABOVE CEILING. COORDINATE ELEVATION WITH EXISTING DUCTWORK AND PIPING.
- TRANSITION AND OFFSET FITTING ON OUTSIDE AIR INTAKE DUCT.
- 80"x38" OUTSIDE AIR INTAKE LOUVER IN SOFFIT. COORDINATE DUCT RUN WITH EXISTING ROOF STRUCTURE AND PROVIDE REQUIRED OFFSETS FOR DUCT EXTENSION BETWEEN JOISTS.
- 24"x10" INTERNALLY LINED RETURN AIR TRANSFER DUCT ABOVE CEILING.
- CABINET UNIT HEATER CUH-R2 SEMI-RECESSED IN WALL.
- 3/4" HEATING WATER PIPING DOWN IN WALL TO CUH-B2.
- EXHAUST DUCT DOWN IN CHASE. DIRECT CONNECT EXHAUST DUCT TO TOP PART OF LOUVER.



CLASSROOM  
ADDITION  
ALTERNATE

**UNIT "B" FIRST FLOOR MECHANICAL PLAN**

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



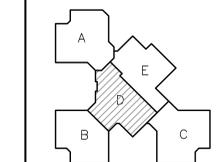
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ROOM LEGEND

ROOM NO.	ROOM NAME
B-1	OFFICE
B-1A	WORK AREA
B-1B	PRINCIPAL
B-1D	STORAGE
B-2	NURSE
B-3	CONFERENCE
B-4	CLASSROOM
B-5	CLASSROOM
B-6	CLASSROOM
B-7	CLASSROOM
B-8	CLASSROOM
B-9	CLASSROOM
B-10	CLASSROOM
B-11	CLASSROOM
B-12	CLASSROOM
B-13	CLASSROOM
B-14	-
B-15	CUSTODIAN
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B-103	HALL
B-104	CLASSROOM
B-105	PRE-K CLASSROOM
B-106	TOILET
B-107	PRE-K CLASSROOM

PROJECT  
**JERRY ROSS  
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FOR:  
 CROWN POINT COMMUNITY  
 SCHOOL CORPORATION  
 CROWN POINT, INDIANA

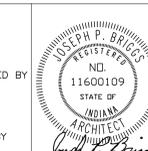


FIRST FLOOR KEY PLAN

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PROJECT  
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 COORDINATED BY  
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 AAW  
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DRAWING  
**UNIT "D" FIRST FLOOR  
 MECHANICAL PLAN**

PROJECT  
 JERRY ROSS ELEMENTARY SCHOOL  
 ADDITIONS, RENOVATION, AND  
 RELATED WORK

GIBRALTAR DESIGN SHEET  
**M-104**

GENERAL NOTES:

- SEE SHEET M-001 FOR GENERAL MECHANICAL NOTES AND LEGEND.

PLAN NOTES:

- CONNECT 26"x12" SUPPLY DUCT TO EXISTING FPB DISCHARGE.
- EXISTING FAN POWERED BOX. PROTECT DURING CONSTRUCTION AND DEMOLITION FOR REUSE.
- CONNECT TO EXISTING 6" SUPPLY AIR DUCT. PROVIDE 100 CFM AIRFLOW TO DIFFUSER.
- IN-LINE EXHAUST FAN ABOVE CEILING SUSPENDED FROM STRUCTURE ABOVE.
- 6"x6" EXHAUST LOUVER IN SOFFIT. RUN 6"x4" DUCT ABOVE BEAM.



**UNIT "D" FIRST FLOOR MECHANICAL PLAN**

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



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