ADDENDUM NO. 4

February 10, 2023

SOLON ROBINSON 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 January 11, 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 4-1 through ADD 4-3 and attached Addendum No. 4 from Gibraltar Design dated February 9, 2023 and consisting of 8 pages, New Specification Section 07 24 01 - Elastomeric Coating System, Revised Specification Section 08 14 16 - Wood Doors, Revised Specification Section 28 31 63 - Fire Alarm and Detection System, and 76 drawings.

A. SPECIFICATION SECTION 00 20 00 - TABLE OF CONTENTS

1. **Add:**

Specification Section 07 24 01 - Elastomeric Coating System

B. SPECIFICATION SECTION 00 31 00 - BID FORM

1. Replace:

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

C. SPECIFICATION SECTION 01 12 00 - MULTIPLE CONTRACT SUMMARY

A. BID CATEGORY NO. 1 - GENERAL TRADES

1. **Add:**

Clarification No. 24:

Reference AD - Architectural Demolition Drawings; The **Bid Category No. 1 Contractor** is to provide demo work associated with Note 3. **Bid Category No. 2 Contractor** is to provide demo work associated with Note 4.

Clarification No. 25:

The **Bid Category No. 1 Contractor** is to provide playsafer rubber mulch with two layers of geosynthetic filter fabric underneath shown on drawing C-2.0.

Clarification No. 26:

The **Bid Category No. 1 Contractor** is to provide demolition of all existing kitchen equipment and accessories located in rooms ED-101, ED-102, ED-105, ED-107, and ED-108.

B. BID CATEGORY NO. 2 - MASONRY

1. Add:

Clarification No. 7:

Reference AD - Architectural Demolition Drawings; The **Bid Category No. 1 Contractor** is to provide demo work associated with Note 3. **Bid Category No. 2 Contractor** is to provide demo work associated with Note 4.

C. BID CATEGORY NO. 3 - ROOFING

1. **Add:**

Specification Section 07 27 30 - Air Infiltration Barrier

D. BID CATEGORY NO. 5 - METAL STUDS/DRYWALL/ CEILINGS

1. Delete:

Specification Section 07 27 30 - Air Infiltration Barrier

E. BID CATEGORY NO. 6 - PAINTING

1. **Add:**

Specification Section 07 24 01 - Elastomeric Coating System

F. BID CATEGORY NO. 9 - CASEWORK

1. **Add:**

Clarification No. 4:

Reference A-700 Equipment Drawings; The **Bid Category No. 9 Contractor** is to provide work associated with Notes 10, 11, 12, 13, 17.

D. SPECIFICATION SECTION 01 23 00 - ALTERNATES

1. Delete:

P. <u>ALTERNATE NO. 16: State the cost to provide Fire Alarm System manufactured by Simplex/JCI to be installed as indicated on the Electrical Drawings and Specifications if not already included in your Base Bid.</u>

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013) (Amended for CPCSC)

Solon Robinson Elementary School Additions, Renovations, and Related Work

Crown Point Community School Corporation Crown Point, IN

PART I

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

	Date (month, day, year):
BIDDER (Firm)	
Address	P.O. Box
City/State/Zip	
Telephone Number:	Email Address:
Person to contact regarding this Bid	
Pursuant to notices given, the under complete the public works project of	signed offers to furnish labor and/or materials necessary to f:
Insert	t Category No. (s) and Name(s)
Related Work, in accordance with P	inson Elementary School Additions, Renovations, and Plans and Specifications prepared by Gibraltar Design, Inc., Indianapolis, IN 46260, as follows:
BASE BID	
For the sum of	
	(Sum in words)
	DOLLARS (\$)
The undersigned acknowledges rece	(Sum in figures)
Receipt of Addenda No. (s)	

TSC 220210.06

Bid Form Section 00 31 00-1

PROPOSAL TIME

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

Attended pre-bid conference	YES	_ NO	
Has visited the jobsite	YES	NO	
The Bidder has reviewed the Guid Of the schedule can be met.	deline Schedule i YES	n Section 01 32 00 and the intent NO	
	~ ~	an that covers all employees of the bidder w meets or exceeds the requirements set in ICNO	

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

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

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

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS (if applicable)

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

ALTERNATE BIDS

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

<u>MARK "ADD" OR "DEDUCT" FOR EACH ALTERNATE</u>

<u>Alternate Bid No. 1 – New Paved Car Drop-Off</u>	Drive on East & South S	Sides of Site.	<u>.</u>
Change the Base Bid the sum of			
	(sum in words)		
	DOLLARS (\$)	ADD DEDUCT
	DOLLARS (\$(sum in	figures)	DLDCCT
Alternate Bid No. 2 – Rotate Existing Chiller in	Mechanical Yard C-131	Along with	New Pad.
Change the Base Bid the sum of			
	(sum in words)		
	DOLLARS (\$)	ADD DEDUCT
	DOLLARS (\$	figures)	DEDUCT
Alternate Bid No. 3 – Remove and Install New	Chiller in Mechanical Ya	<u>rd C-131 wi</u>	th New Pad.
Change the Base Bid the sum of			
change the Base Bla the sam of	(sum in words)		
	DOLLARS (6	`	ADD
	DOLLARS (\$(sum in	figures)	DEDUCT
Alternate Bid No. 4 – New Paved Bus Drop-Off	f & Parking Area West Si	de of Site.	
Change the Base Bid the sum of	(sum in words)		
			ADD
	DOLLARS (\$(sum in	figures)	DEDUCT
Alternate Bid No. 5 – Tectum Acoustical Wall	Panels in Gymnasium C-	126.	
Change the Base Bid the sum of			
	(sum in words)		
	DOLLARS (\$,	ADD DEDUCT
	DOLLARS (\$ (sum in	figures)	DEDUCT
Alternate Bid No. 6 – Acoustic Wall Panels in C	Corridor A-102.		
Change the Base Bid the sum of			
change the Buse Big the built of	(sum in words)		
	DOLLARG (A	`	ADD
	DOLLARS (\$(sum in) figures)	DEDUCT

TSC 220210.06

Bid Form Section 00 31 00-3

Change the Base Bid the sum of (sum in words) ADD _DOLLARS (\$_____) (sum in figures) **DEDUCT** Alternate Bid No. 8 – Bleachers & Rubber Sports Flooring in Gymnasium C-126. Change the Base Bid the sum of ______ (sum in words) ADD _DOLLARS (\$_____) (sum in figures) **DEDUCT** Alternate Bid No. 9 – Composite Metal Panels Over Existing Overhang Fascias and Soffits & Composite Metal Panels Above Existing Windows. Change the Base Bid the sum of ______ (sum in words) ADD _DOLLARS (\$_____) (sum in figures) **DEDUCT** Alternate Bid No. 10 - Exposed painted Structure, Suspended Gymnasium Lighting, New Ductwork in Gymnasium C-126. (sum in words) Change the Base Bid the sum of_____ ADD _DOLLARS (\$_____) (sum in figures) **DEDUCT** Alternate Bid No. 11 – Carpet Manufactured by Tarkett. Change the Base Bid the sum of (sum in words) ADD _DOLLARS (\$_____ **DEDUCT** (sum in figures)

Alternate Bid No. 7 – Acoustic Wall Panels in Commons A-144.

Alternate Bid No. 12 – Schneider Electric Temperature Controls. Change the Base Bid the sum of (sum in words) ADD DOLLARS (\$_____ **DEDUCT** (sum in figures) Alternate Bid No. 13 – Chillers Manufactured by Trane. Change the Base Bid the sum of_____ (sum in words) ADD _DOLLARS (\$_____) (sum in figures) **DEDUCT** Alternate Bid No. 14 – Air Handling Units Manufactured by Trane. Change the Base Bid the sum of_____ (sum in words) ADD _DOLLARS (\$_____ **DEDUCT** (sum in figures) Alternate Bid No. 15 – Chemical Water Treatment Manufactured by Hydro Management Inc. Change the Base Bid the sum of (sum in words) ADD _DOLLARS (\$_____ DEDUCT (sum in figures) Alternate Bid No. 16 Fire Alarm System Manufactured by Simplex/JCI. Change the Base Bid the sum of_ (sum in words) **ADD DEDUCT** (sum in figures) Alternate Bid No. 17 – Asphalt at North End. Change the Base Bid the sum of____ (sum in words) ADD ______DOLLARS (\$______ **DEDUCT** (sum in figures)

Bid Form Section 00 31 00-5

TSC 220210.06

PART II

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

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

SECTION I EXPERIENCE QUESTIONNAIRE

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

_				
	Contract Amount	Class of Work	Completion Date	Name and Address of Owner
2	What public w	orks projects are no	ow in the process of	of construction by your organization?
	Contract Amount	Class of Work	Completion Date	Name and Address of Owner

3.	Have you ever failed to complete any work awarded to you?If so, where and why?
4.	List references from private firms for which you have performed work.

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

1.	Explain your plan or layout for performing proposed Work. (Examples could include a narrative of when you could begin, complete the project, number of workers, etc. and any other information which you believe would enable the governmental unit to consider your bid.)
2.	Please list the names and addresses of all subcontractors (i.e. persons or firms outside your own firm who have performed part of the work) that you have used on public works projects during the past five (5) years along with a brief description of the work done by each subcontractor.
3.	If you intend to sublet any portion of the work, state the name and addresses of each subcontractor, equipment to be used by the subcontractor, and whether you will require a bond. However, if you are unable to currently provide a listing, please understand a listing must be provided prior to contract approval. Until the completion of the proposed project, you are under a continuing obligation to immediately notify the governmental unit in the event that you subsequently determine that you will use a subcontractor on the proposed project.

4.	What equipment do you have available to use for the proposed Project? Any equipment used by subcontractors may also be required to be listed by the governmental unit.
5.	Have you into contracts or received offers for all materials which substantiate the prices used in preparing your proposal? If not, please explain the rationale used which corroborate the process listed.

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

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

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

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

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

SECTION V OATH AND AFFIRMATION

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

Dated at	this	day of	, 20
			(Name of Organization)
	Ву		
			(Title of Person Signing)
	ACKNO	WLEDGEM	ENT
STATE OF) gg.)	
COUNTY OF			
Before me, a Notary Pul	olic, personally appe	eared the above	ve-named
Swore that the statement	ts contained in the fo	oregoing docu	ument are true and correct.
Subscribed and sworn to	before me this		day of,
(Title)			
	Notary Public		
My Commission Expire	s: _		
County of Residence:			



ADDENDUM FOUR

Addendum Four (AD.04) to the drawings and specifications prepared by Gibraltar Design for **Solon Robinson Elementary School Additions, Renovations, and Related Work** for Crown Point Community School Corporation, Crown Point, Indiana.

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

SPECIFICATIONS

- 1. Specification Section 00 01 10 Table of Contents
 - A. Add New Specification Section to Division 7 in the Table of Contents:
 - 1. Section 07 24 01, Elastomeric Coating System.
- 2. Specification Section 05 40 00 Cold Formed Metal Framing
 - A. Clarification: Contractors are allowed to substitute 3 5/8 inch cold formed framing for 4 inch cold framing provided the design calculations utilized by the engineer account for the revised framing size and it complies with the design criteria.
- 3. Specification Section 05 50 00 Miscellaneous Metals
 - A. Add new Paragraph 3.3. G. as follows:
 - "G. Stamped Steel Grilles and Louvers: 3/16 inch thick stamped steel grilles with 13/16 inch square holes spaced at 1 inch on center in both directions, in a channel frame, to provide 65 percent free area and the unperforated grille borders not to decrease the total free area to less than 50 percent of the grille dimensions shown on Drawings, prime paint finish.
 - Louver: Minimum 1 1/2 inches thick, 0.063 inch aluminum frame, 0.125 inch extruded aluminum blades, all with a flat black enamel finish; Model 150 as manufactured by Industrial Louver Inc., Delano, Minnesota; Model EAG with Type B grille as manufactured by American Warming and Ventilating, Holland, Ohio; Model ELF200 as manufactured by Ruskin Manufacturing, Grandview, Missouri; or an approved equal, located behind each grille.
 - 2. Located In Gymnasium C-126."
- 4. Specification Section 07 24 00 Exterior Insulation and Finish System (EIFS)
 - A. Add Paragraph 2.1 A.4 to read:
 - "4. Master Wall, Inc."
- 5. Specification Section 07 24 01 Elastomeric Coating System
 - A. Add Specification Section 07 24 01, Elastomeric Coating System, included in this Addendum, to the Project Manual.



6. Specification Section 07 53 24 Roof Insulation and Membrane Roofing-TPO

A. Paragraph 1.11, B: Change "...Thirty (30) ..." to "...Twenty (20)...".

7. Specification Section 07 27 30 Air Infiltration Barrier

A. Paragraph 1.1 A, Line 1: After "weather resistive air infiltration barrier" insert "(Building wrap)..."

8. Specification Section 08 14 16 Wood Doors

A. Replace entire Specification Section 08 14 16, Wood Doors, with new Specification Section included in this addendum.

9. Specification Section 08 71 00 Door Hardware

- A. Paragraph 3.09, Door Hardware Schedule:
 - 1. Add Door D-126A to Hardware Group No. 08.
 - 2. Add Door D-122B to Hardware Group No. 20.

10. Specification Section 09 22 13 Metal Framing and Furring

- A. Revise Paragraph 2.2. C. as follows:
 - "C. Interior Studs and Tracks: ASTM C 645. Use either steel studs and runners or embossed steel studs and runners.
 - 1.Steel Studs and Runners:
 - a. Depth: As indicated on Drawings, 1-5/8 inches, 2-1/2-inch, 3-5/8 inches, 4-inches, or 6 inches.
 - 1) Minimum Base-Metal Thickness: 0.033 inch, 20 gauge.
 - 2. Embossed Steel Studs and Runners:
 - a. Depth: As indicated on Drawings, 1-5/8-inches or 2-1/2-inches.
 - 1) Minimum Base-Metal Thickness: 0.019 mils (70 ksi), EQ 20 gauge (up to 10 foot height requirement), 0.031 mils (33 ksi), EQ 20 gauge (up to 12 foot height requirement), 0.034 mils (33 ksi), EQ 18 gauge (up to 14 foot height requirement). For Heights greater than 14 foot, confirm with Architect.
 - b. Depth: As indicated on Drawings, 3-5/8-inches, 4-inches, or 6-inches.
 - 1) Minimum Base-Metal Thickness: 0.019 mils (70 ksi), EQ 20 gauge (up to 14 foot height requirement), 0.031 mils (33 ksi), EQ 20 gauge (up to 16 foot height requirement), and 0.034 mils (33 ksi), EQ 18 gauge (up to 18 foot height requirement). For Heights greater than 18 foot, confirm with Architect."

11. Specification Section 10 14 00 Signage

A. Revise Paragraph 2.1 A.1.c to read:

"c. Finish: Catalyzed polyurethane baked enamel finish."



12. Specification Section 11 40 00 Foodservice Equipment

- A. Revise Itemized Specifications as follows:
 - 1. ITEM #14 ISLAND WORK TABLE:
 - a. Island Work table to match elevations on Sheet Series K600.
 - b. Paragraph G: Replace "Two (2) only tiers...." with "Three (3) only tiers of three locking drawers...."
 - 2. ITEM #20 BUN PAN RACK: To be relocated from Taft in lieu of new purchase; KEC to coordinate relocation with Crown Point CSC.
 - 3. ITEM #22 SLICER: To be relocated from Solon Robinson in lieu of new purchase; KEC to coordinate relocation with Crown Point CSC.
 - 4. ITEM #22.1 SLICER STAND: To be relocated from Solon Robinson in lieu of new purchase: KEC to coordinate relocation with Crown Point CSC.
 - 5. ITEM #24 ICEMAKER WITH BIN: To be relocated from Solon Robinson; KEC to coordinate relocation with Crown Point CSC.
 - 6. ITEM #25 MOBILE WORK TABLE: Delete Paragraph "b." in its entirety. Mobile Work Table to match elevations on Sheet Series K600 with no drawers.
 - 7. ITEM #26 MICROWAVE: To be relocated from Solon Robinson in lieu of new purchase; KEC to coordinate relocation with Crown Point CSC.
 - 8. ITEM #54 DISH MACHINE EXHAUST FAN: Delete "Exhaust Hood" section in its entirety. Ductwork connection to exhaust system to be direct connect with vent cowls coordinated with Dish Machine specifications.
 - 9. ITEM #77 MOBILE TRAY DISPENSERS: To be relocated from Taft in lieu of new purchase; KEC to coordinate relocation with Crown Point CSC.
 - 10. ITEM #94 ELECTRIC CAN OPENER: To be relocated from Solon Robinson in lieu of new purchase; KEC to coordinate relocation with Crown Point CSC.

13. Specification Section 11 52 13 Power Operated Projection Screen

- A. Replace Paragraph 2.1 A.8 in its entirety with the following:
 - "8. Location: Stage C-128
 - 9. Screen Size:
 - a. Nominal Diagonal 159 inches
 - b. Display Height 78 inches
 - c. Display Width 139 inches
 - d. Black Drop 36 inches

14. Specification Section 12 66 00 Folding Bleachers

- A. Paragraph 2.2. B.a.1) add sub-paragraph a) as follows: "a) Limit Switches may be approved to be removed from scope by manufacturer request and approval of Architect."
- B. Delete Paragraph 2.2. B.4.f. in its entirety.
- C. Revise Paragraph 2.2 .B.5.c. Delete wording "'Auto-Rotate' or" from the first sentence, and add Sub-Paragraph 1) to read: "1) Manufacturers option, provide 'Auto-Rotate' function in lieu of manually operated 'Smart Rail' design."
- D. Revise last sentence in Paragraph 2.2. B.5.e. to read: "Front step shall be hinged to



bleacher and able to be locked in place when in use."

- E. Replace Paragraph 2.3. G. with the following: "G. Decking: Fabricate from 5/8 inch nominal plywood with exterior glue, five-ply; all plies Group 1 plugged crossband under face; produced in conformance with PS-1 of the National Bureau of Standards. Provide with Clear-Coat Finish. Plastic laminate decking is not acceptable."
- F. Clarification: Color of Railing is Black.

15. Specification Section 26 05 33

Raceways

A. Delete Paragraphs 2.01 K.3 and 2.01 L.4.

16. Specification Section 28 31 63

Fire Alarm and Detection System

A. Replace Specification Section 28 31 63, Fire Alarm and Detection System with Specification Section 28 31 63 included in this Addendum. The revised specification reflects extension of existing Simplex 4010 ES system as shown on the drawings, in lieu of a completely new system.

DRAWINGS

For each sheet listed in this Addendum, refer to attached full size drawing sheet(s) for revisions, unless noted otherwise.

1. Sheet G-201

A. First Floor Life Safety Plan: Delete entrance numbers in Courtyard.

2. Sheet G-301

A. General Partition Notes: Add Notes "X" AND "Y" regarding stud partitions adjacent to CMU walls.

3. Sheet C-2.0

- A. Add new courtyard layout with hard and soft play areas, sidewalks, and river rocks.
- B. Add paint striping for southeast hard play area.
- C. Revise southeast hard play area to be heavy duty asphalt pavement.

4. Sheet C-2.1A

- A. Add new Courtyard layout as existing.
- B. Add new paint striping for hard play area as existing.

5. Sheet C-3.0

- A. Add fire hydrant to 6" fire service line near Wells Street.
- B. Add 4" sanitary service line connecting to northwest area of school.
- C. Grading for new courtyard layout.

6. Sheet C-3.1A

- A. Add new fire hydrant as existing.
- B. Add new 4" sanitary service line as existing.
- C. Add new courtyard grading as existing.

7. Sheets S-201, S-202, S-204, S-205, S-206, S-207, S-208, S-210

A. Revise structural sheets as indicated.



8. Sheets AD101, AD102, AD103 and AD104

- A. Unit "A" Architectural First Floor Demolition Plan: Add Plan Note "46" to various rooms regarding removal of secondary ceiling. In Corridor EA-124 add Plan Note "3" regarding removal of masonry wall. In rooms EA-104, EA-106, EA-107, EA-108, EA-113, EA-115, and EA-118 add plan note regarding removal of gypsum board and metal furring.
- B. Unit "B" Architectural First Floor Demolition Plan: Add Plan Note "46" to various rooms regarding removal of secondary ceiling. In room EB-119 add note regarding removal of gypsum board and metal furring.
- C. Unit "C" & "D" Architectural First Floor Demolition Plan: Change Note "28" to read: "28. Remove basketball goal and support structure in its entirety."
- D. Unit "E" Architectural First Floor Demolition Plan: Add Plan Note "46" to various rooms regarding removal of secondary ceiling.

9. Sheets A-101, A-102, A-103, and A-105

- A. Unit "A" Architectural First Floor Plan: Revise and add wall type tags and add wall section tags at existing EIFS locations. Add plan note regarding installation of gypsum board and metal furring.
- B. Unit "B" Architectural First Floor Plan: Revise and add wall type tags and add wall section tags at existing EIFS locations. Add plan note regarding installation of gypsum board and metal furring.
- C. Unit "C" Architectural First Floor Plan: Remove existing basketball goal support structure.
- D. Unit "E" Architectural First Floor Plan: Revise and add wall type tags and add wall section tags at existing EIFS locations.

10. Sheet A-120

A. Revise Plan Detail 6.

11. Sheet A-201

A. Overall Architectural Roof Plan: Revise notes as indicated on plan.

12. Sheet A-210

A. Roof Detail 13: Add note regarding metal panel color.

13. Sheets A-310, A-311, A-312 and A-313

- A. Elevation Key Notes: Revise Note "12" regarding metal panel colors and joint profile.
- B. Brick & Stone Type notes: Add general note regarding interior face brick.

14. Sheet A-403

A. Add Wall Section 4 through existing wall with existing EIFS window infill.

15. Sheet A-407

A. Wall Section 3: Add gypsum board and acoustical insulation.

16. Sheet A-420

A. Wheelchair Lift Section: Revise lintel as indicated.

17. Sheet A-501

A. Locker Detail 1: Change Locker Type "D" from 6'-0" tall to 5'-0" tall.



18. Sheet A-502

A. Grill Detail 5: Revise CMU base.

19. Sheet A-602

A. Hollow Metal Frame Elevations (HM): Revise elevation HM5.

20. Sheet A-620

A. Window Details 2, 3, 4 and 5: Revise rigid insulation and wood blocking.

21. Sheet A-703

A. Equipment Plan Notes: Revise Note "3" regarding basketball backstops.

22. Sheet A-732

- A. Revise millwork plastic laminate colors.
- B. Add Keynote #8 in Media Center shelving elevations.
- C. Add G and H to Media Center shelving schedule.

23. Sheets A-801 through A-805

A. Revise restroom finish tags.

24. Sheet A-820

- A. Add P5 custom paint color formula see Note 2.
- B. Add wall tiles WT4, WT5 and WT6.
- C. Revise EB1 and EB2 See Note 1.
- D. Remove PL9.

25. Sheet A-840

A. Gymnasium Court Marking Plan: Remove existing basketball goal support structure.

26. Sheet A-860

A. Add Keynotes 84 through 87.

27. Sheet A-861

- A. Revise restroom tile elevations and legend.
- B. Add Keynote #88

28. Sheet A-904

A. Unit "D" First Floor Reflected Ceiling Plan: Add ceiling in Office D-126.

29. Sheets K-101 and K-200

A. Revise Equipment Schedule.

30. Sheet MD101

- A. Add demo unit ventilator.
- B. Add (2) demo rooftop units.
- C. Add sheet notes.



31. Sheet MD103

- A. Add demo kitchen exhaust hood.
- B. Add sheet note.

32. Sheet M-202

- A. Revise boiler piping.
- B. Revise location of hot water distribution pumps.
- C. Revise inline boiler pumps to base mounted boiler pumps.

33. Sheet M-501

A. Revise boiler data in Mechanical Equipment Schedule.

34. Sheet M-502

A. Revise Pump Schedule.

35. Sheet M-601

A. Revise boiler System Diagram.

36. Sheet ED101

A. Add note.

37. Sheet EL101

- A. Add general note.
 - 1. Revise circuitry.
 - 2. Add notes to Fixtures AA2 and AB.

38. Sheet EL102

A. Add note.

39. Sheet EL103

- A. Add general note.
- B. Revise Gymnasium control panel location.

40. Sheet EL104

- A. Add general note.
- B. Add light fixtures.
- C. Add switches.

41. Sheet EL105

A. Add general note.

42. Sheet EP101

- A. Add sheet note.
- B. Add door hardware circuitry.
- C. Revise circuitry.

43. Sheet EP102, EP104, EP105

- A. Add sheet note.
- B. Add door hardware circuitry.



44. Sheet EP103

A. Revise Gymnasium control panel location.

45. Sheet EP401

- A. Add receptacles and circuitry.
- B. Add data rough-in.
- C. Add fire alarm device.

46. Sheet E-503

- A. Add notes to Fixtures AA2 and AB.
- B. Add generator transfer devices.

47. Sheet E-504

A. Remove Note #8 from fire alarm riser.

48. Sheet E-601

A. Add circuitry in Panel A3.

49. Sheet E-602

A. Revise circuitry in EM-TECH Panels and EM-LA.

50. Sheet E-603

A. Revise circuitry for rooftop unit.

51. Sheet T-103

- A. Clarification: Projector outlet is shown in ceiling, speaker and clocks. The projection screen is dashed on the drawing and will be specified in Specification Section 11.52.13.
- B. Move microphone and data outlet to correct location in front of bleaches.
- C. Add Plan Note 2 to describe "traveling" cable requirements.

52. Sheet T-104

A. Add missing clock symbols. Note: these are shown on T-100.

53. Sheet T-105

A. Add missing clock, speaker, and TV symbols. Note: these are shown on T-100.

Pages 1 through 8, Specification Sections 07 24 01, 08 14 16, and 28 31 63, and Seventy-Five (76) Full-Size Drawings, constitute the total makeup of **Addendum Four**.



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SECTION 07 24 01 ELASTOMERIC COATING SYSTEM

1 General

1.1 Summary

A. This Section includes direct applied finish system over existing sub-strates at existing exterior soffits.

1.2 Performance Requirements

- A. Provide soffit system that complies with the following:
 - 1. Bond Integrity: Free from bond failure within system components or between system and supporting construction, resulting from exposure to fire, wind loads, weather, or other in-service conditions.
 - 2. Weathertightness: Resistant to water penetration from exterior into system and assemblies behind it or through them into interior of building that results in deterioration of degradation of system and assemblies behind it, including substrates, supporting construction, and interior finish.

1.3 Submittals

- A. Product Data: For each component of system specified.
- B. Samples: For type of finish coat indicated, showing full range of color and texture choices.

1.4 Quality Assurance

A. Installer Qualifications: Engage an installer with minimum 10 years experience, who has completed systems similar in material, design, and extent to those indicated for this Project and who has a record of successful in-service performance.

1.5 Environmental Requirements

- A. Temperature: Apply exterior finish system in ambient temperatures above 40 degrees F and rising and on unfrozen surfaces.
- B. Maintain a minimum ambient temperature of 40 degrees F for at least 24 hours after installation.

1.6 Warranty

A. Provide manufacturer's standard 5 year limited warranty against defective materials.

EXTERIOR FINISH SYSTEM 07 24 01-1



2 Products

2.1 Materials

- A. Acceptable Manufacturers:
 - 1. Master Wall Inc., Midland, Georgia; Basis of Design: Elasto-Flex.
 - 2. Dryvit System, Inc., West Warwick, Rhode Island.
 - 3. Senergy, Inc., Cranston, Rhode Island.
 - 4. Sto Industries, Atlanta, Georgia.
- B. Primer: A product of the manufacturer, Basis of Design, Master Wall Primecoat.
- C. Elastomeric Coating: Basis of Design, Elasto-Flex, 100% pure acrylic eleastomeric polymers. Do not utilize accelerators or restarders.
 - 1. Provide 2-coat System.
 - 2. Color: as selected by Architect and Owner.
- D. Water: Clean and potable. Do not exceed manufacturers recommended quantity of water.
- E. Sealants: Use sealants approved by the manufacturer.
- F. Finish: Equal to Dryvit Sandblast Finish, verify with Architect prior to installation.

3 Execution

3.1 Inspection

A. Beginning of installation means acceptance of substrate surfaces, confirm compliance with manufacturers acknowledgement and recommendations for existing conditions.

3.2 Installation

- A. General: Mix and install materials in accordance with the manufacturer's instructions.
- B. Clean existing substrate as recommended by the manufacturer.
- C. Primer: Install Primer over entire existing surface, to extent and thickness recommended by manufacturer.
- D. Coating and Finish: Apply by Brush or Roller, per manufactuers instructions. To a rubber-like film surface.
 - 1. Allow first coating surface to dry as per manufactuers recommendation before installing the second coat.

EXTERIOR FINISH SYSTEM 07 24 01-2



- 2. Thickness: two-coat thickness per manufacturers recommendation, approximately 20 mils.
- 3. Color: As selected from manufacturers standard colors.

3.3 Sealant

A. Fill all joints between elastomeric coating system and dissimilar materials, including the entire perimeter of all areas, with sealant and expandable foam sealant backer or backer rods as necessary.

END OF SECTION

EXTERIOR FINISH SYSTEM 07 24 01-3



SECTION 08 14 16 WOOD DOORS

1 General

1.1 Section Includes

A. Wood doors and panels, non-rated.

1.2 Related Sections

- A. Section 06 20 00 Finish Carpentry: Wood door frames.
- B. Section 08 11 13 Standard Steel Frames.
- C. Section 08 71 00 Door Hardware.
- D. Section 08 81 00 Glazing.
- E. Section 09 91 00 Painting: Site finishing doors.

1.3 References

- A. ANSI A135.4 Basic Hardboard.
- B. ASTM E90 Laboratory Measurement of Airborne Sound Transmission Loss of Building Partitions.
- C. ASTM E152 Fire Tests of Door Assemblies.
- D. AWI Quality Standards of Architectural Woodwork Institute.
- E. NFPA 80 Standards for Fire Doors and Windows.
- F. UL 10B Fire Tests of Door Assemblies.

1.4 Performance

A. Acoustic Rating for Sound Retardant Doors: ASTM E90, minimum STC 36.

1.5 Submittals

- A. Submit shop drawings and product data under provisions of Division 1.
 - 1. Indicate door elevations, stile and rail reinforcement, internal blocking for hardware attachment, and cutouts for glazing and louvers.
- B. Submit sample of finish as selected by the Architect.

1.6 Quality Assurance

A. Conform to requirements of AWI Quality Standard Section 1300 and 1400, Premium, Custom Grade, with door-to-door match in pairs or sets.



B. Installed Doors and Panels: Conform to NFPA 80 for fire rated class indicated.

1.7 Delivery, Storage, And Protection

- A. Protect products under provisions of Division 1.
- B. Individually wrap or carton doors at factory and mark per tag openings.
- C. Deliver and store doors in accordance with AWI requirements.

1.8 Warranty

A. Provide manufacturer's lifetime warranty under provisions of Division 1.

2 Products

2.1 Wood Doors - Acceptable Manufacturers

- A. Algoma Hardwoods, Inc., Algoma, Wisconsin.
- B. Eggers Industries, Neenah, Wisconsin.
- C. Marshfield Door Systems, Inc., Marshfield, Wisconsin.
- D. Oshkosh Architectural Door Company, Oshkosh, Wisconsin.
- E. V.T. Industries, Holstein, Iowa.

2.2 Door Types

A. Flush Interior Doors: 1 3/4 inches thick; solid core construction; wood veneer faces; AWI Custom Grade.

2.3 Door And Panel Construction (AWI Quality Standard)

- A. Solid, Non-Rated Core: AWI Section 1300, PC-5, Veneer Bonded Particle Core.
- B. Solid, Special Function Core: Special Function: AWI Section 1300, Type SR (Acoustical) – Sound Retardent.
 - 1. 1 3/4-inch thick, STC rating of 55.

2.4 Flush Door And Panel Facing

- A. Facing Quality: AWI or WDMA custom grade.
- B. Flush Interior Door Veneer: **Plain Sliced White Oak for transparent paint finish**, refer to Finish Legend for stain color.
- C. Face Panel: Medium High density overlay plywood face veneer. ANSI A135.4, Type S25 hardboard, tempered for exterior doors, untempered for interior doors; 1/8 inch thick.

2.5 Adhesives

A. Interior Doors: AWI, Type I.



2.6 Accessories

- A. Glass Stops:
 - 1. Non-Rated Doors: Wood type designed to match the doors.

2.7 Fabrication

- A. Fabricate non-rated solid core doors in accordance with AWI Custom Standards for 5-ply construction. Fabricate rated doors in accordance with AWI Custom Standards for 5-ply construction and UL requirements.
 - 1. Vertical stiles 1 3/8 inches minimum thickness.
 - 2. Top and bottom rails 1 1/8 inches minimum thickness.
 - 3. Stile and rail bonded to core.
 - 4. Provide flush doors with edge strips of close grained hardwood.
 - 5. Veneers hot pressed glued to cores with Type I glue.
 - 6. Cross banding 1/16 inch minimum thickness.
 - 7. Face veneers 1/50 inch minimum thickness (prior to sanding).
- B. Provide flush doors with edge strips of wood species and construction to match face veneer.
- C. Provide cutouts for windows, louvers, etc.
- D. Factory seal tops and bottoms of all doors with approved sealer.

2.8 Factory Prefinishing

- A. Transparent Finish: Prefinish all exposed surfaces of wood doors in accordance with AWI Division 1500 S-4 Finish System Standards.
 - Provide water-based stain and ultraviolet cured polyurethane to comply with EPA Title 5 guidelines for Volatile Organic Compound emissions limitations.
 - 2. Meet or exceed performance standards of TR-6 catalyzed polyurethane, Custom grade; stain as selected and indicated in Finish Legend.
- B. Factory seal tops and bottoms of all doors with approved sealer.

3 Execution

3.1 Inspection

- A. Verify wall openings are ready to receive work of this Section.
- B. Beginning of installation means acceptance of existing conditions.



3.2 Installation

- A. Install doors in accordance with manufacturer's instructions.
- B. Machine cut relief for hinges and closers and coring for handsets and cylinders.
- C. Trim door width by cutting equally on both jamb edges.
- D. Trim door height by cutting equally on top and bottom edges to a maximum of 3/4 inch.
- E. Pilot drill screw and bolt holes.
 - 1. Use threaded through bolts for half surface hinges.
- F. Prepare doors to receive finish hardware in accordance with AWI requirements.
- G. Coordinate installation of glass and glazing.

3.3 Installation Tolerances

- A. Maximum Diagonal Distortion: 1/16 inch measured with straight edge, corner to corner.
- B. Clearances for Door Installations:
 - 1. Bevel lock stiles or rails 1/8 inch in 2 inches.
 - 2. 1/8 inch at jamb and head.
 - 3. 3/16 inch bottom clearance over threshold.
 - 4. 3/8 inch bottom clearance at openings without threshold.
 - 5. 1/8 inch maximum between non-rated double doors.

3.4 Adjusting

A. Adjust for smooth and balanced door movement.

END OF SECTION



<u>DIVISION 26 – ELECTRICAL</u> <u>Section 28 31 63 – Fire Alarm and Detection System</u>

1.00 PART 1 - GENERAL

1.01 RELATED DOCUMENTS:

A. Drawings and general provisions of the Contract, including General and Supplementary Conditions and Division 1 Specification Sections, apply to this Section.

1.02 **SUMMARY**:

- A. Section Includes:
 - 1. Fire-alarm expansion modules
 - 2. Manual fire-alarm boxes.
 - 3. System smoke detectors.
 - 4. Heat detectors.
 - 5. Notification appliances.
 - 6. Magnetic door holders.
 - 7. Addressable interface device.

1.03 SCOPE DESCRIPTION:

A. Provide equipment and accessories for the extension of the existing Simplex 4010ES electrically supervised, non-coded, addressable fire alarm system as described herein, and as shown on the contract documents.

1.04 SUBMITTALS:

- A. The Contractor shall purchase no equipment for the system specified herein until the Owner has approved the project submittals in their entirety and has returned them to the contractor. It is the responsibility of the contractor to meet the entire intent and functional performance detailed in these specifications. Approved submittals shall only allow the contractor to proceed with the installation and shall not be construed to mean that the contractor has satisfied the requirements of these specifications. The Contractor shall submit three (3) complete sets of documentation within 30 calendar days after award of purchase order.
- B. Each submittal shall include a cover letter providing a list of each variation that the submittal may have from the requirements of the Contract Documents. In addition, the Contractor shall provide specific notation on each Shop Drawing, sample, catalog cut, data sheet, installation manual, etc. submitted for review and approval, of each such variation.

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- Submittals shall be approved by authorities having jurisdiction prior to submitting them to the Architect.
 - a. Shop Drawings shall be prepared by persons with the following qualifications:
 - 1) Trained and certified by manufacturer in fire-alarm system design.
 - 2) NICET-certified fire-alarm technician, Level III minimum.
- C. Product Data: Product Data sheets with the printed logo or trademark of the manufacturer of all equipment. Indicated in the documentation shall be the type, size, rating, style, and catalog number for all items proposed to meet the system performance detailed in this specification. The proposed equipment shall be subject to the approval of the Owner.
- D. Shop Drawings: Include plans, elevations, sections, details, and attachments to other work.
 - 1. Comply with recommendations in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter in NFPA72.
 - 2. Include voltage drop calculations for notification appliance circuits.
 - 3. Include battery-size calculations.
 - 4. Include performance parameters and installation details for each detector, verifying that each detector is listed for complete range of air velocity, temperature, and humidity possible when air-handling system is operating.
 - 5. Include plans, sections, and elevations of heating, ventilating, and air-conditioning ducts, drawn to scale and coordinating installation of duct smoke detectors and access to them. Show critical dimensions that relate to placement and support of sampling tubes, detector housing, and remote status and alarm indicators. Locate detectors according to manufacturer's written recommendations.
 - 6. Include floor plans to indicate final outlet locations showing address of each addressable device. Show size and route of cable and conduits.
- E. Operation and Maintenance Data: For fire-alarm systems and components to be included in emergency, operation, and maintenance manuals. In addition to items specified in Division 1 Section "Operation and Maintenance Data, include the following:
 - 1. Comply with the "Records" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72.
 - Provide "Record of Completion Documents" according to NFPA72 article "Permanent Records" in the "Records" Section of the "Inspection, Testing and Maintenance" Chapter.



- 3. Record copy of site-specific software database file, hardcopy print-out and CD, with password for delivery to the owner. Proprietary system/service companies will not be acceptable.
- 4. Provide "Maintenance, Inspection and Testing Records" according to NFPA72 article of the same name and include the following:
 - Frequency of testing of installed components.
 - Frequency of inspection of installed components.
 - Requirements and recommendations related to results of maintenance.
 - Manufacturer's user training manuals (hardcopy) and electronic on CD.
- 5. Manufacturer's required maintenance related to system warranty requirements.
- Abbreviated operating instructions for mounting at fire-alarm control unit.

1.05 QUALITY ASSURANCE:

- A. Installer Qualifications: Personnel shall be trained and certified by manufacturer for installation of units required for this Project.
- B. Installer Qualifications: Installation shall be by personnel certified by NICET as fire-alarm Level III technician.
- C. Source Limitations for Fire-Alarm System and Components: Obtain fire-alarm system from single source from single manufacturer.
- D. Electrical Components, Devices, and Accessories: Listed and labeled as defined in NFPA70, by a qualified testing agency, and marked for intended location and application.
- E. NFPA Certification: Obtain certification according to NFPA72 in the form of a placard by an approved alarm company.

1.06 WARRANTY SERVICE AGREEMENT:

- A. The contractor shall warranty all materials, installation, and workmanship for three (3) years from date of acceptance, unless otherwise specified. A copy of the manufacturers' warranty shall be provided with closeout documentation and included with the operation and installation manuals.
- B. The System Supplier shall maintain a service organization with adequate spare parts stocked within 75 miles of the installation. Any defects that render the system inoperative shall be repaired within 24 hours of the Owner notifying the contractor.
- C. Technical Support: Beginning with Substantial Completion, provide software support for three (3) five, shall be included in this project.



- D. Detector Sensitivity Testing: During the warranty period, each year the contractor is to perform detector sensitivity testing and provide report to the Owner. Unless the system is UL Listed to perform automatic sensitivity testing without any manual intervention and should detector fall outside of sensitivity window, the system will automatically indicate a device trouble. A copy of UL letter is to be provided as proof of system operation.
- E. Upgrade Service: Update software to latest version at Project completion. Install and program software upgrades that become available within three (3) years from date of Substantial Completion. Upgrading software shall include operating system. Upgrade shall include new or revised licenses for use of software.
 - 1. Provide 30 days' notice to Owner to allow scheduling and access to system and to allow Owner to upgrade computer equipment if necessary.

1.07 EXTRA MATERIALS:

- A. Furnish extra materials that match products installed and that are packaged with protective covering for storage and identified with labels describing contents.
 - Smoke Detectors, heat detectors, monitor modules and control modules: Quantity equal to 2% percent of amount of each type installed, but no fewer than 2 unit of each type.
 - 2. Keys: Ten extra set for access to lock and tamperproof components.
 - 3. Audible and Visual Notification Appliances: 2% of each type installed.

2.00 PRODUCTS

2.01 MANUFACTURERS:

- A. Equipment and accessories furnished under this specification the contract documents shall be manufactured by Simplex Company, and compatible with the existing fire alarm system. Equipment shall be listed by Underwriters' Laboratories, Inc.
- B. The Contractor shall provide, from the acceptable manufacturer's current product lines, equipment, and components, which comply, with the requirements of these Specifications. Equipment or components, which do not provide the performance and features, required by these specifications are not acceptable, regardless of manufacturer.
- C. Strict conformance to this specification is required to ensure that the installed and programmed system will function as designed and will accommodate the future requirements and operations of the building Owner. All specified operational features must be met without exception.
- D. All control panel assemblies and connected field appliances shall be provided by the same System Supplier and shall be designed and tested to ensure that the system operates as specified. All equipment and components shall be installed in strict compliance with the manufacturer's recommendations.



E. Upon completion of the project the Owner shall be provided with a hard copy printout of the system software database and an electronic version of the system program and database with all required passwords.

2.02 SYSTEMS OPERATIONAL DESCRIPTION:

- A. Fire-alarm signal initiation shall be as currently programmed, including but not limited to one or more of the following devices:
 - 1. Manual stations.
 - 2. Heat detectors.
 - 3. Smoke detectors.
 - 4. Duct smoke detectors.
 - 5. Verified automatic alarm operation of smoke detectors.
 - 6. Automatic sprinkler system water flow.
- B. Fire-alarm signal shall initiate the actions as currently programmed, including any of the following
 - 1. Activate the audible and visual notification appliances.
 - 2. Identify alarm at fire-alarm control unit and remote annunciators.
 - 3. Transmit an alarm signal to the remote alarm receiving station.
 - 4. Unlock electric door locks in designated egress paths.
 - 5. Release fire and smoke doors held open by magnetic door holders.
 - 6. Switch heating, ventilating, and air-conditioning equipment controls to fire-alarm mode.
 - 7. Activate emergency shutoffs for gas and fuel supplies.
 - 8. Record events in the system memory.
- C. Supervisory signal initiation shall be as currently programmed, including any of the following
 - 1. Valve supervisory switch.
- D. System trouble signal initiation shall be as currently programmed, including any of the following
 - 1. Open circuits, shorts, and grounds in designated circuits.

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- 2. Opening, tampering with, or removing alarm-initiating and supervisory signal initiating devices.
- 3. Loss of primary power at fire-alarm control unit.
- 4. Ground or a single break in fire-alarm control unit internal circuits.
- 5. Abnormal ac voltage at fire-alarm control unit.
- 6. Break in standby battery circuitry.
- 7. Failure of battery charging.
- 8. Abnormal position of any switch at fire-alarm control unit or annunciator.
- E. Provide additional programming as required for all new devices and components as required to accomplish the specified sequences.

2.03 FIRE-ALARM CONTROL UNIT:

- A. The existing Simplex 4010 ES main control panel is existing to remain.
- B. Provide all additional mapnet cards and transponder panels as required to accommodate the proposed building additions and expanded coverage.
- C. Circuits Requirements:
 - 1. Signaling Line Circuit and Notification Appliance Circuit wiring shall match existing class/style in the building.
 - 2. Activation of alarm notification appliances and other functions shall occur within 3 seconds after the activation of an initiating device.
- D. Door Controls: Door hold-open devices that are controlled by smoke detectors at doors in smoke barrier walls shall be connected to fire-alarm system.
- E. Primary Power for new panels: 24-V dc obtained from 120-V ac service and a power-supply module. Initiating devices, notification appliances, signaling lines, trouble signals,
- F. Secondary Power: Shall provide 60 hours supervisory and 10 minutes of alarm with batteries, automatic battery charger, and automatic transfer switch for entire system including NAC panels.



- G. AC Power Supply: The NAC power supply shall be independent unit that will provide power to visual strobe notification appliances. It shall be possible to configure the NAC's to follow the main panel's NAC or activate from intelligent synchronized modules. The booster NAC's must be configurable to operate independently at any one of the following rates: continuous synchronized, or 3-3-3 temporal. Fault conditions on the power supply shall not impede alarm activation of host NAC circuits or other power supplies. The NAC power supply must be able to provide concurrent power for notification devices, security devices, access control equipment and auxiliary devices such as door holders. All the NAC Power Supplies shall be synchronized. The power supply shall support up to 24 amp hour batteries.
 - 1. Power supply shall be minimum of 10 amps and UL 864 Listed.
 - 2. All circuits shall be synchronized.

2.04 MANUAL FIRE-ALARM BOXES:

- A. General Requirements for Manual Fire-Alarm Boxes: Comply with UL38. Boxes shall be finished in red with molded, raised-letter operating instructions in contrasting color; shall show visible indication of operation; and shall be mounted on recessed outlet box. If indicated as surface mounted, provide manufacturer's surface back box.
 - 1. Double-action mechanism requiring two actions to initiate an alarm, pull-lever type; with integral addressable module arranged to communicate manual-station status (normal, alarm, or trouble) to fire-alarm control unit.
 - The manual pull station will have an intelligent module integral of the unit.
 - 3. Station Reset: key operated switch shall match the control panel key.
 - 4. Manual pull stations that initiated an alarm condition by opening the unit are not acceptable.
- B. Indoor Protective Shield: Factory-fabricated clear plastic enclosure. Hinged at the top to permit lifting for access to initiate alarm. Lifting the cover actuates an integral battery powered audible horn intended to discourage false-alarm operation.

2.05 INTELLIGENT ANALOG SYSTEM SMOKE DETECTORS:

- A. General Requirements for Intelligent Analog Detectors:
 - 1. Integral Microprocessor: All decisions are made at the detector determining if the device is in the glarm or trouble condition.
 - Non-Volatile Memory: Permanently stores serial number, and type of device.
 Automatically updates historic information including hours of operation, last
 maintenance date, number of alarms and troubles, time of last alarm and analog
 signal patterns for each sensing element just before last alarm.

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- 3. Electronic Addressing: Permanently stores programmable system address. It shall be possible to address each intelligent module without the use of DIP or rotary switches. Devices using switches for addressing shall not be acceptable.
- 4. Automatic Device Mapping: Each detector transmits wiring information regarding its location with respect to other devices on the circuit, creating an As-Built wiring diagram. This will also provide enhanced supervision of the device physical location and the device message shall reside with the location and not the device address. Devices installed in the wrong location will always report the correct message of the physical location.
- 5. Sensitivity Range: Each analog addressable smoke detectors sensitivity shall be capable of being programmed individually as: most sensitive, more sensitive, normal, less sensitive, or least sensitive. It shall be possible to automatically change the sensitivity of individual analog/addressable detectors for the day and night periods. It shall be possible to program control panel activity to each level.
- 6. Pre-Alarm: Detector stores 8 pre-alarm sensitivity values to alert local personnel prior to the sensor reaching a full evacuation sensitivity. Sensitivity values can be set in 5-10% increments.
- 7. Environmental Compensation: The detector's sensing element reference point shall automatically adjust, compensating for background environmental conditions such as dust, temperature, and pressure. Periodically, the sensing element real-time analog value shall be compared against its reference value. The detector shall provide a maintenance alert signal when the detector reaches 80% compensation has been used. The detector shall provide a dirty fault signal and illuminate Service Detector LED on control panel.
- 8. Twin Status LEDs: Flashing Green LED shows normal; flashing RED shows alarm state; steady RED and steady GREEN show alarm state in stand-alone mode, visible from any direction.
- 9. UL Sensitivity Testing: The detector shall utilize a supervised microprocessor that is capable of monitoring the sensitivity of the detector. If the detector sensitivity shifts outside of the UL limits, a trouble signal is sent to the panel.
- 10. Device Replacement: The system shall allow for changing of detector types for service replacement purposes without the need to reprogram the system. The replacement detector type shall automatically continue to operate with the same programmed sensitivity levels and functions as the detector it replaced. System shall display an off-normal condition until the proper detector type has been installed or change in the application program profile has been made.



- B. Intelligent 135 Degree Fixed Temperature / Rate of Rise Heat Detector:
 - 1. Provide intelligent combination fixed temperature/rate-of-rise heat detectors at the locations shown on the drawings. The heat detector shall have a low mass thermistor heat sensor and operate at a fixed temperature and at a temperature rate-of-rise. It shall continually monitor the temperature of the air in its surroundings to minimize thermal lag to the time required to process an alarm. The integral microprocessor shall determine if an alarm condition exists and initiate an alarm based on the analysis of the data. Systems using central intelligence for alarm decisions shall not be acceptable. The intelligent heat detector shall have a nominal fixed temperature alarm point rating of 135oF (57oC) and a rate-of-rise alarm point of 15oF (9oC) per minute. The heat detector shall be rated for ceiling installation at a minimum of 70 ft (21.3m) centers and be suitable for wall mount applications.

C. Fixed Temperature Heat Detector:

1. Provide intelligent fixed temperature heat detectors at the locations shown on the drawings. The heat detector shall have a low mass thermistor heat sensor and operate at a fixed temperature. It shall continually monitor the temperature of the air in its surroundings to minimize thermal lag to the time required to process an alarm. The integral microprocessor shall determine if an alarm condition exists and initiate an alarm based on the analysis of the data. Systems using central intelligence for alarm decisions shall not be acceptable. The heat detector shall have a nominal alarm point rating of 135oF (57oC). The heat detector shall be rated for ceiling installation at a minimum of 70 ft (21.3m) centers and be suitable for wall mount applications.

D. Detector Base Types:

- Provide standard detector mounting bases suitable for mounting on 1-gang, or 4inch octagon box and 4 inch square box. The base shall, contain no electronics and support all series detector types. Bases with electronics or dip-switches are not acceptable.
- E. Intelligent Duct Smoke Detector Photoelectric:
 - 1. Provide intelligent photoelectric duct smoke detector at the locations shown on the drawings.
 - a. One form C auxiliary alarm relay rated at 2amps @ 30Vdc.
 - b. The operating range shall be 100ft/min to 4,000ft/min air velocity and temperature range of -20 to 158F.
 - c. Sample tube can be installed with or without the cover place and be rotated in 45- degree increments to ensure proper alignment with duct airflow.
 - d. Local magnet-activated test switch.
 - 2. Provide remote test station with Alarm LED and Key Switch.



3. Relay Fan Shutdown: Rated to interrupt fan motor control circuit. Furnish and install separate device for each motor start. Connect to motor start as required for fan shutdown during alarm condition.

2.06 INTELLIGENT MODULES:

- A. It shall be possible to address each intelligent module without the use of DIP or rotary switches. Devices using switches for addressing shall not be acceptable. The personality of multifunction modules shall be programmable at site to suit conditions and may be changed at any time using a personality code downloaded from the Analog Loop Controller.
 - 1. Integral Microprocessor: All decisions are made at the module determining if the device is alarm or trouble condition. Each module provides its own ground fault detection.
 - 2. Non-Volatile Memory: Permanently stores serial number, and type of device. Automatically updates historic information including hours of operation, number of alarms and troubles, time of last alarm.
 - 3. Automatic Device Mapping: Each detector transmits wiring information regarding its location with respect to other devices on the circuit, creating an As-Built wiring diagram. This will also provide enhanced supervision of the device physical location. The device message shall reside with the location and not the device address. Devices installed in the wrong location will always report the correct message of the physical location.
 - 4. Twin Status LEDs: The modules shall have a minimum of 2 diagnostic LEDs mounted behind a finished cover plate. A green LED shall flash to confirm communication with the loop controller. A red LED shall flash to display alarm status.
 - 5. Input and output circuit wiring shall be supervised for open and ground faults.
 - 6. Two styles of modules shall be available, those designed for gang box mounting, and where multiple modules are required in a single location, plug in modules shall be provided with a Universal Input/Output motherboard.
- B. Intelligent Input Module. The Input Module shall provide one or two supervised Class B input circuit capable of a minimum of 4 personalities, each with a distinct operation. The module shall be suitable for mounting on North American 2 ½" (64mm) deep 1-gang boxes and 1 ½" (38mm) deep 4" square boxes with 1-gang covers. The single input module shall support the following circuit types:
 - Normally-Open Alarm Latching (Manual Stations, Heat Detectors, etc.).
 - Normally-Open Alarm Delayed Latching (Waterflow Switches).
 - Normally-Open Active Non-Latching (Monitor, Fans, Dampers, Doors, etc.).
 - Normally-Open Active Latching (Supervisory, Tamper Switches).



- C. Intelligent Relay Module. Provide addressable control relay circuit modules shall provide one (1) form C dry relay contacts rated at 24Vdc @ 2 amps (pilot duty) to control external appliances or equipment. The position of the relay contact shall be confirmed by the system firmware. The module shall be suitable for mounting on North American 2 ½" (64mm) deep 1-gang boxes and 1 ½" (38mm) deep 4" square boxes with 1-gang covers.
- D. NAC Control Module: Provide intelligent NAC control module shall provide one (1) supervised Class B output circuit capable of a minimum of 2 personalities, each with a distinct operation. The gang box -mounted version shall be suitable for mounting in North American 2 ½" (64mm) deep 2-gang boxes and 1 ½" (38mm) deep 4" square boxes with 2-gang covers. The plug-In version shall plug into a universal multi-module motherboard. The NAC control module shall support the following operations.
 - 24 volt NAC circuit.
 - Audio notification circuit 25v or 70v.
 - Telephone Power Selector with Ring Tone (Firefighter's Telephone).
 - Visual Synchronized Output to Genesis appliances or to NAC Power Supply.

2.07 NOTIFICATION APPLIANCES:

- A. All appliances shall be of the same manufacturer as the Fire Alarm Control Panel specified to ensure absolute compatibility between the appliances and the control panels, and to ensure that the application of the appliances is done in accordance with the single manufacturers' instructions.
- B. Any appliances, which do not meet the above requirements, and are submitted, for use must show written proof of their compatibility for the purpose intended. Such proof shall be in the form of documentation from all manufacturers which clearly states that their equipment (as submitted) are 100% compatible with each other for the purposes intended. All appliances shall be UL listed Fire Protective Service and shall be UL 1971.
- C. Notification Appliances Visual:
 - 1. Provide wall or ceiling mounted <white> strobes with 'Alert' wording and in-out screw terminals shall be provided for wiring. Color and wording to be verified with AHJ prior to ordering. Strobes shall provide a smooth light distribution pattern field selectable candela 15 cd, 30 cd, 75 cd, and 110 cd flash output rating. The strobe (15, 30, 75, 110) candela rating shall be view from the side window to verify the setting. All strobes shall be synchronization to within 10 milliseconds for an indefinite period shall not require the use of separately installed remote synch modules. The strobes shall mount to one-gang electrical box.
 - 2. The device shall have plastic protective cover for during installation.
 - 3. The actual candela setting on the visual shall be marked on the appliance.
- D. Notification Appliance Audio/Visual:
 - 1. Combination devices shall meet requirements of both visual devices and horn devices.



2. The device shall have plastic protective cover during installation.

2.08 MAGNETIC DOOR HOLDERS:

- A. Description: Units are equipped for wall mounting as indicated and are complete with matching doorplate.
 - 1. Electromagnet: Requires no more than 3 W to develop 25-lbf holding force.
 - 2. Wall-Mounted Units: Flush mounted unless otherwise indicated.
 - 3. Rating: 120-V ac, 24-V ac, or dc.

2.09 INSPECTION BAR CODES:

- A. Inspection bar codes shall be installed on all initiating devices, annunciators, control panels and power supplies.
- B. Inspection bar codes used by the system must utilize Code 3 of 9 or other approved format and contain a minimum of eight (8) digits that comprise a unique serial identifier within the Web-based Reporting System. There shall be no duplication of serial numbers. Serial number shall be printed below the bar code for identification purposes.
- C. Inspection bar codes shall be limited in size to no more than 2" (5cm) in width, and 3/8" (2 cm), in height and shall include a Mylar® or other protective coating to protect the bar code from fading due to sunlight or exposure.
- D. Inspection bar codes shall be installed on each device in such a manner as to require that scanning of the bar code take place no further than 12" from the device during inspection.

2.10 WIRE AND CABLE:

- A. All Fire Alarm wiring shall be installed in conduit. In all areas, no exceptions.
- B. Signaling Line Circuits Annunciator Data: Twisted pair, not less than No. 18Awg or as recommended by the manufacturer.
- C. Signaling Line Circuits Intelligent Loop: Twisted pair, not less than No. 18Awg or as recommended by the manufacturer.
- D. Notification Appliance Circuits:
 - 1. Audio and Visual. 12AWG THHN or FPLP or as recommended by the manufacturer.

3.00 EXECUTION

3.01 EQUIPMENT INSTALLATION:

A. Comply with NFPA72 for installation of fire-alarm equipment.



- B. Equipment Mounting: Install fire-alarm control unit on finished floor with tops of cabinets not more than 72 inches above the finished floor.
- C. Smoke- or Heat-Detector Spacing:
 - 1. Comply with NFPA72, "Smoke-Sensing Fire Detectors" Section in the "Initiating Devices" Chapter, for smoke-detector spacing.
 - 2. Comply with NFPA72, "Heat-Sensing Fire Detectors" Section in the "Initiating Devices" Chapter, for heat-detector spacing.
 - 3. Smooth ceiling spacing shall not exceed 30 feet.
 - 4. Spacing of detectors for irregular areas, for irregular ceiling construction, and for high ceiling areas shall be determined according to Appendix A in NFPA 72.
 - 5. Lighting Fixtures: Locate detectors not closer than 12 inches from any part of a lighting fixture.
- D. Duct Smoke Detectors: Comply with NFPA72 and NFPA90A. Install sampling tubes so they extend the full width of duct.
- E. Notification Appliance Devices: Install at 80 A.F.F. inches on the wall.

3.02 CONNECTIONS:

- A. Make addressable connections with a supervised interface device to the following devices and systems. Install the interface device less than 3 feet from the device controlled. Make an addressable confirmation connection when such feedback is available at the device or system being controlled.
 - 1. Smoke dampers in air ducts of designated air-conditioning duct systems.
 - 2. Alarm-initiating connection to activate emergency shutoffs for gas and fuel supplies.
 - 3. Supervisory connections at valve supervisory switches.
 - 4. Supervisory connections at fire-pump power failure including a dead-phase or phase-reversal condition.

3.03 IDENTIFICATION:

- A. Identify system components, wiring, cabling, and terminals. Comply with requirements for identification specified in Division 26 Section "Electrical Identification."
- B. Install framed instructions in a location visible from fire-alarm control unit.
- C. All initiating devices shall have bar code label installed visibly on the device. This bar code shall be used for digital inspection of the fire alarm system using Building Reports.Com.



3.04 GROUNDING:

A. Ground fire-alarm control unit and associated circuits; comply with IEEE 1100. Install a ground wire from main service ground to fire-alarm control unit.

3.05 FIELD QUALITY CONTROL:

- A. Field tests shall be witnessed by The Owner and authorities having jurisdiction and documentation shall be provided.
- B. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect, test, and adjust components, assemblies, and equipment installations, including connections.
- C. Perform tests and inspections.
 - 1. Manufacturer's Field Service: Engage a factory-authorized service representative to inspect components, assemblies, and equipment installations, including connections, and to assist in testing.

D. Tests and Inspections:

- 1. Visual Inspection: Conduct visual inspection prior to testing.
 - a. Inspection shall be based on completed Record Drawings and system documentation that is required by NFPA72 in its "Completion Documents, Preparation" Table in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter.
 - b. Comply with "Visual Inspection Frequencies" Table in the "Inspection" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72; retain the "Initial/Reacceptance" column and list only the installed components.
- 2. System Testing: Comply with "Test Methods" Table in the "Testing" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72.
- 3. Test audible appliances for the public operating mode according to manufacturer's written instructions. Perform the test using a portable sound-level meter complying with Type 2 requirements in ANSI \$1.4.
- 4. Test audible appliances for the private operating mode according to manufacturer's written instructions.
- 5. Test visible appliances for the public operating mode according to manufacturer's written instructions.

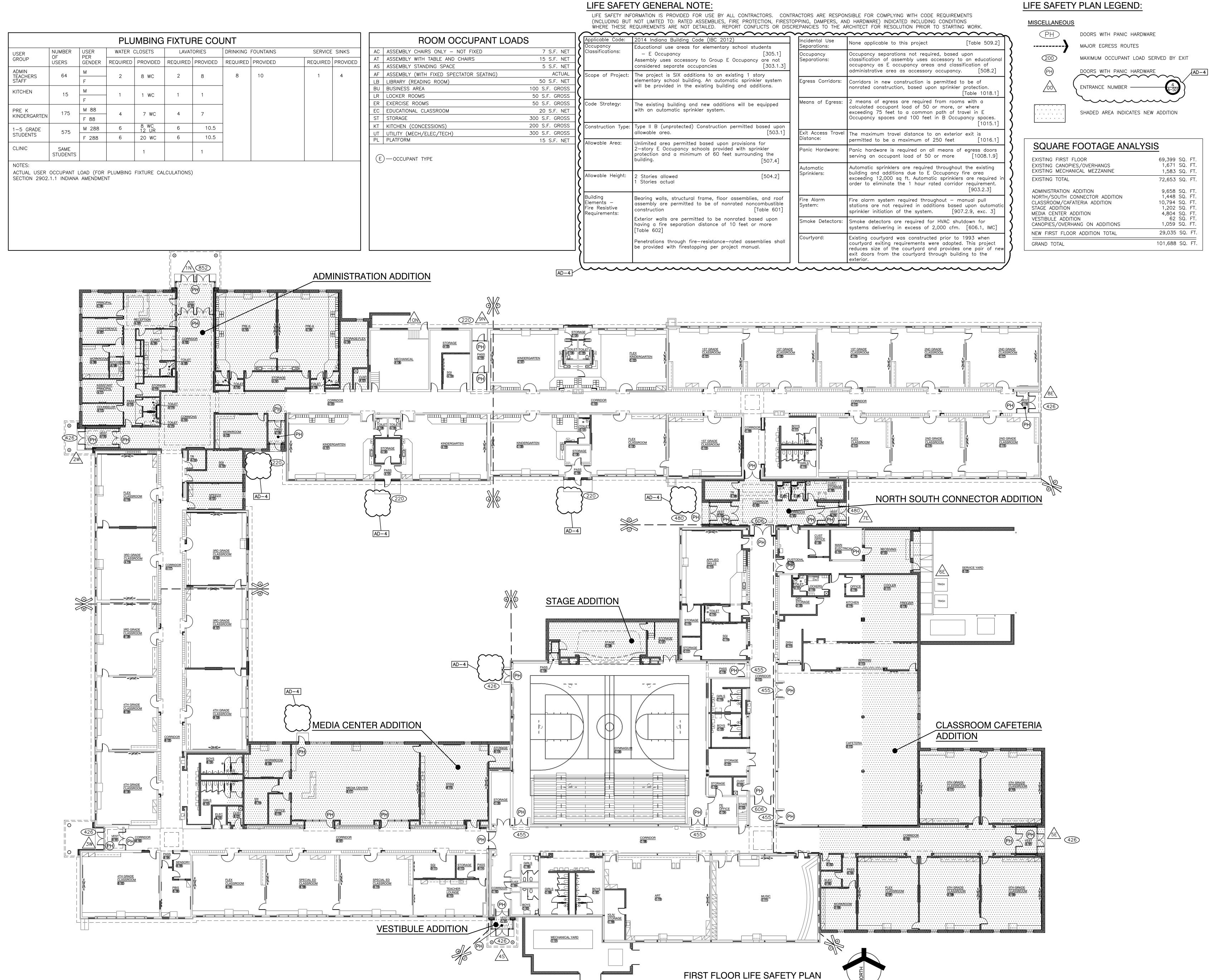


- 6. Factory-authorized service representative shall prepare the "Fire Alarm System Record of Completion" in the "Documentation" Section of the "Fundamentals of Fire Alarm Systems" Chapter in NFPA72 and the "Inspection and Testing Form" in the "Records" Section of the "Inspection, Testing and Maintenance" Chapter in NFPA72.
- E. Reacceptance Testing: Perform reacceptance testing to verify the proper operation of added or replaced devices and appliances.
- F. Fire-alarm system will be considered defective if it does not pass tests and inspections.
- G. Prepare test and inspection reports.
- H. Maintenance Test and Inspection: Perform tests and inspections listed for weekly, monthly, quarterly, and semiannual periods. Use forms developed for initial tests and inspections.
- I. Annual Test and Inspection: During the warranty period, each year test fire-alarm system complying with visual and testing inspection requirements in NFPA72. Use forms developed for initial tests and inspections.
- J. Detector Sensitivity Testing: During the warranty period, each year the contractor is to perform detector sensitivity testing and provide report to the Owner. Unless the system is UL Listed to perform automatic sensitivity testing without any manual intervention and should detector fall outside of sensitivity window, the system will automatically indicate a devices trouble. A copy of UL letter is to be provided as proof of system operation.

3.06 DEMONSTRATION:

A. Engage a factory-authorized service representative to train Owner's maintenance personnel to adjust, operate, and maintain fire-alarm system.

END OF SECTION 28 31 63



GIBRALTAR DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

SOLON **ROBINSON** ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

SCHOOL CORPORATION CROWN POINT, INDIANA

CROWN POINT COMMUNITY

KEY PLAN

GIBRALTAR DESIGN Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778

COORDINATED 1600109

GWT PCD CHECKED BY

FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH TH

MARK DATE ISSUED FOR

AD-4	02/09/23	ADDENDUM	NO. 4

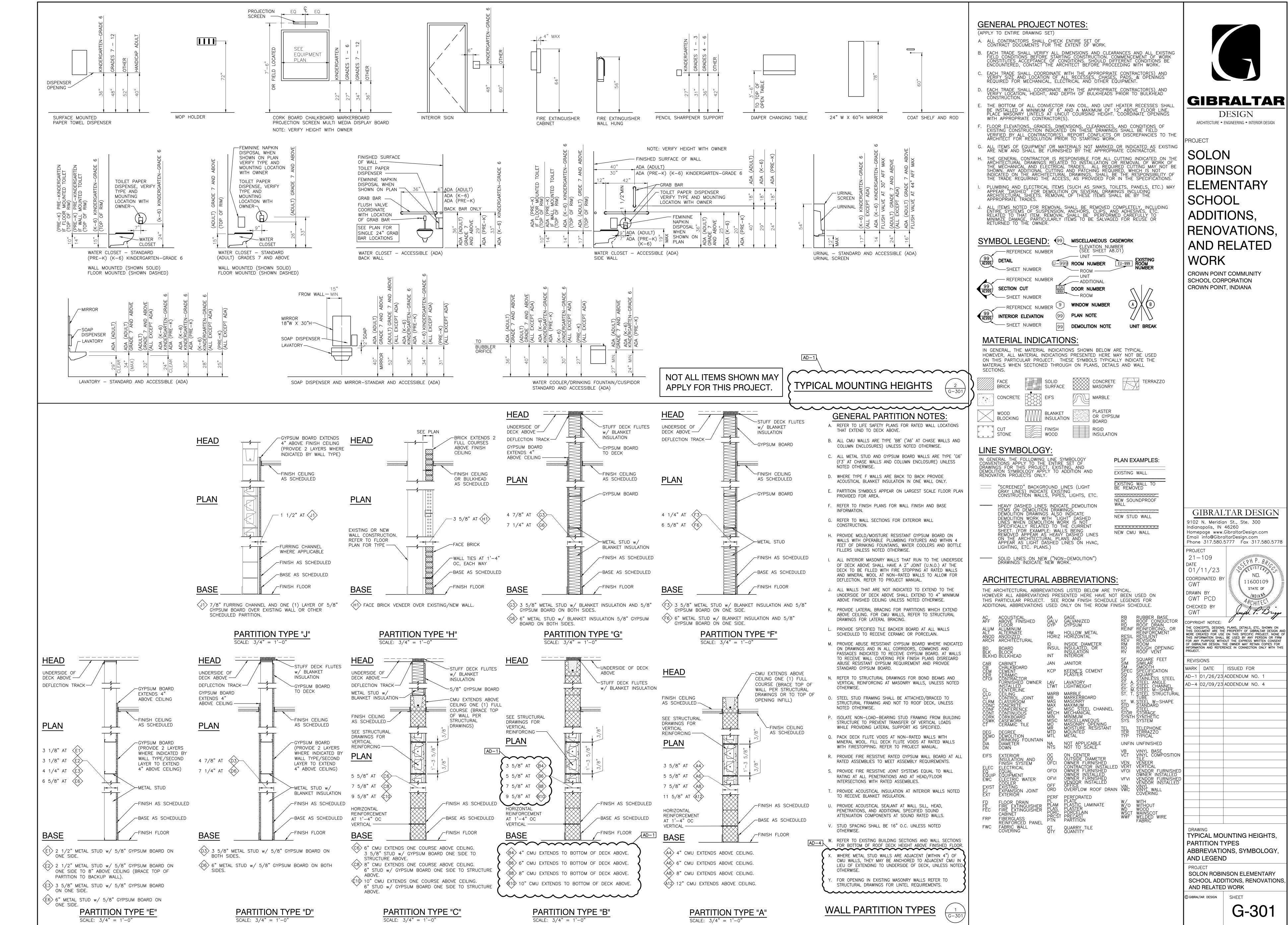
DRAWING

FIRST FLOOR LIFE SAFETY PLAN

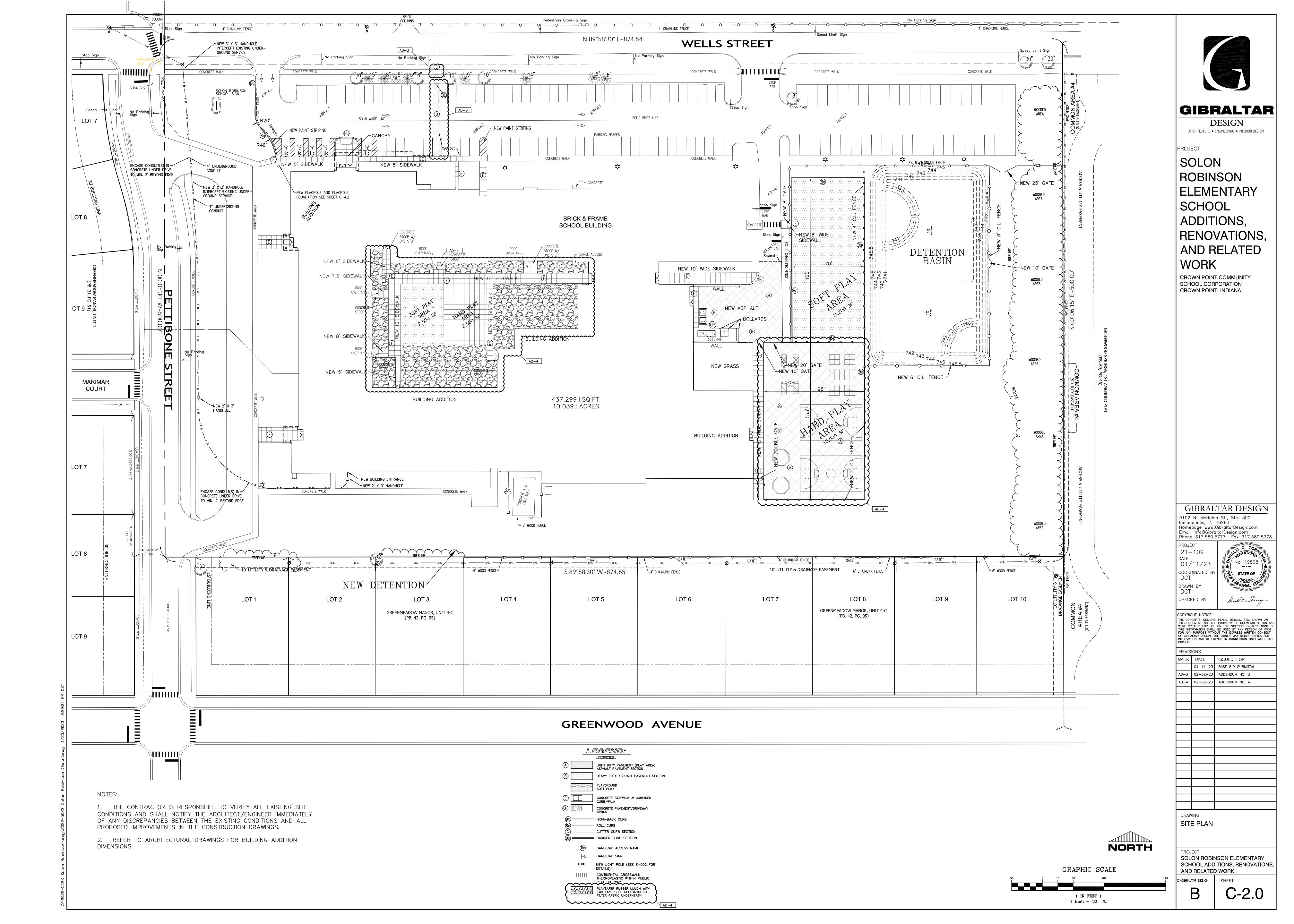
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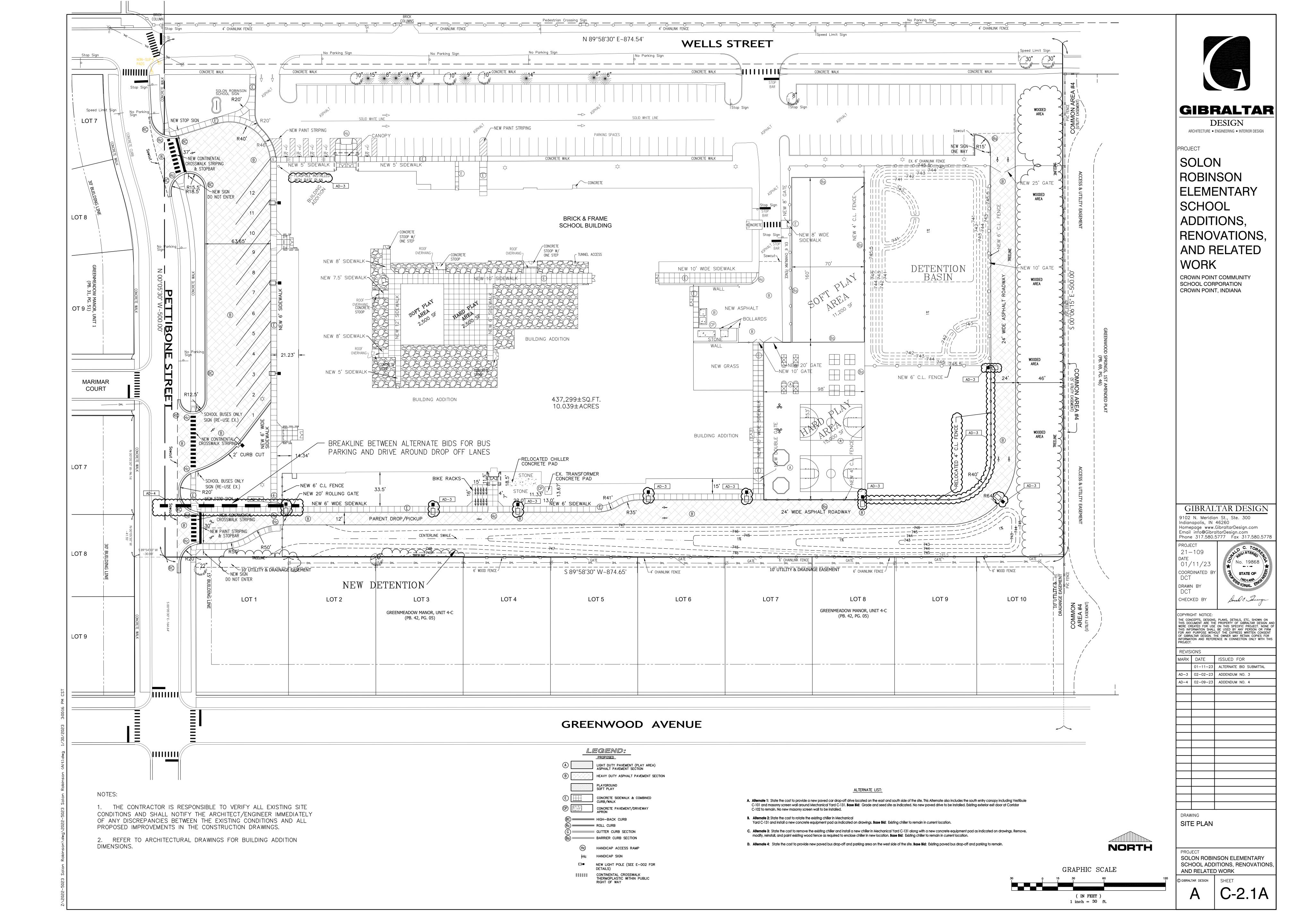
GIBRALTAR DESIGN SHEET

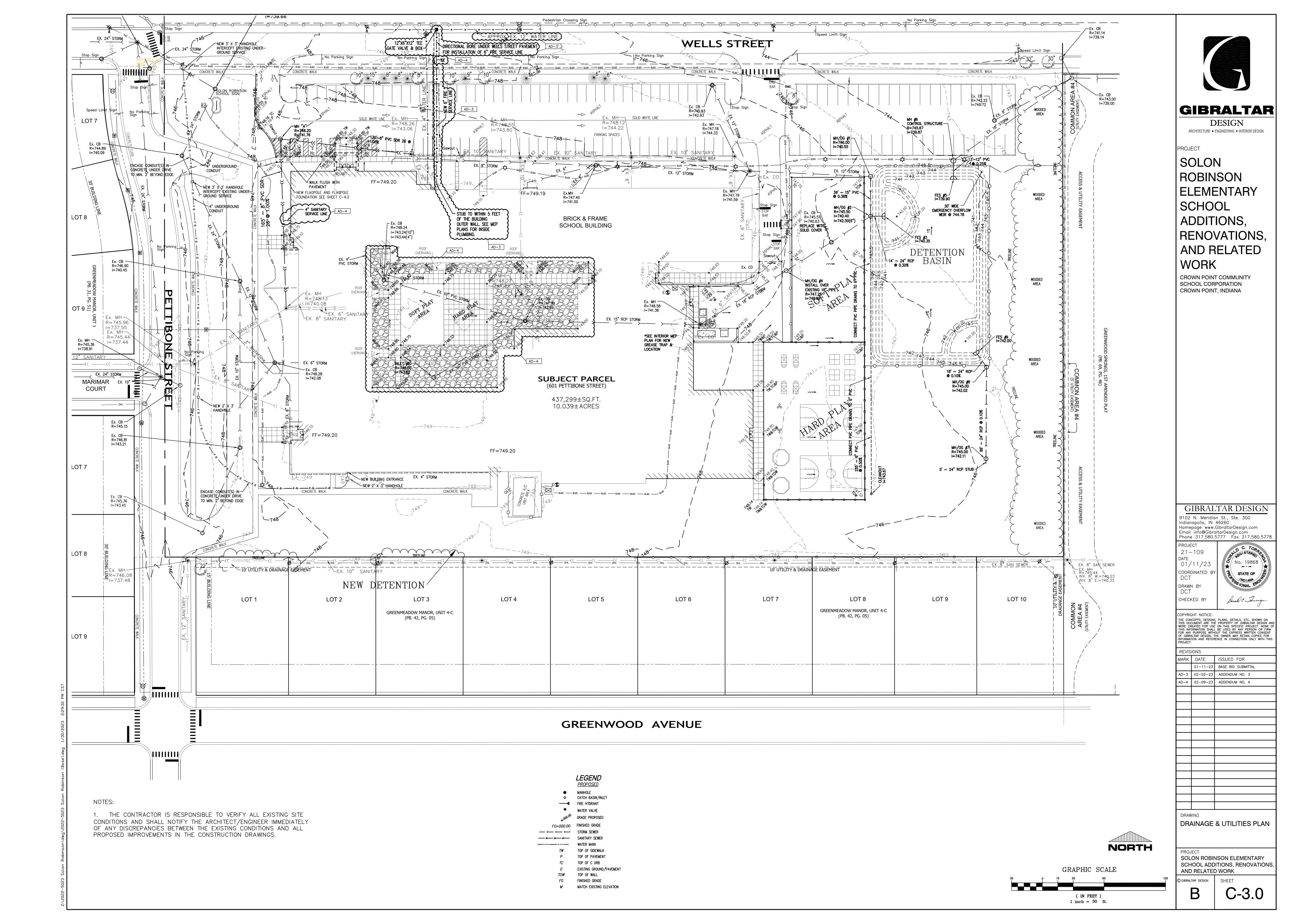
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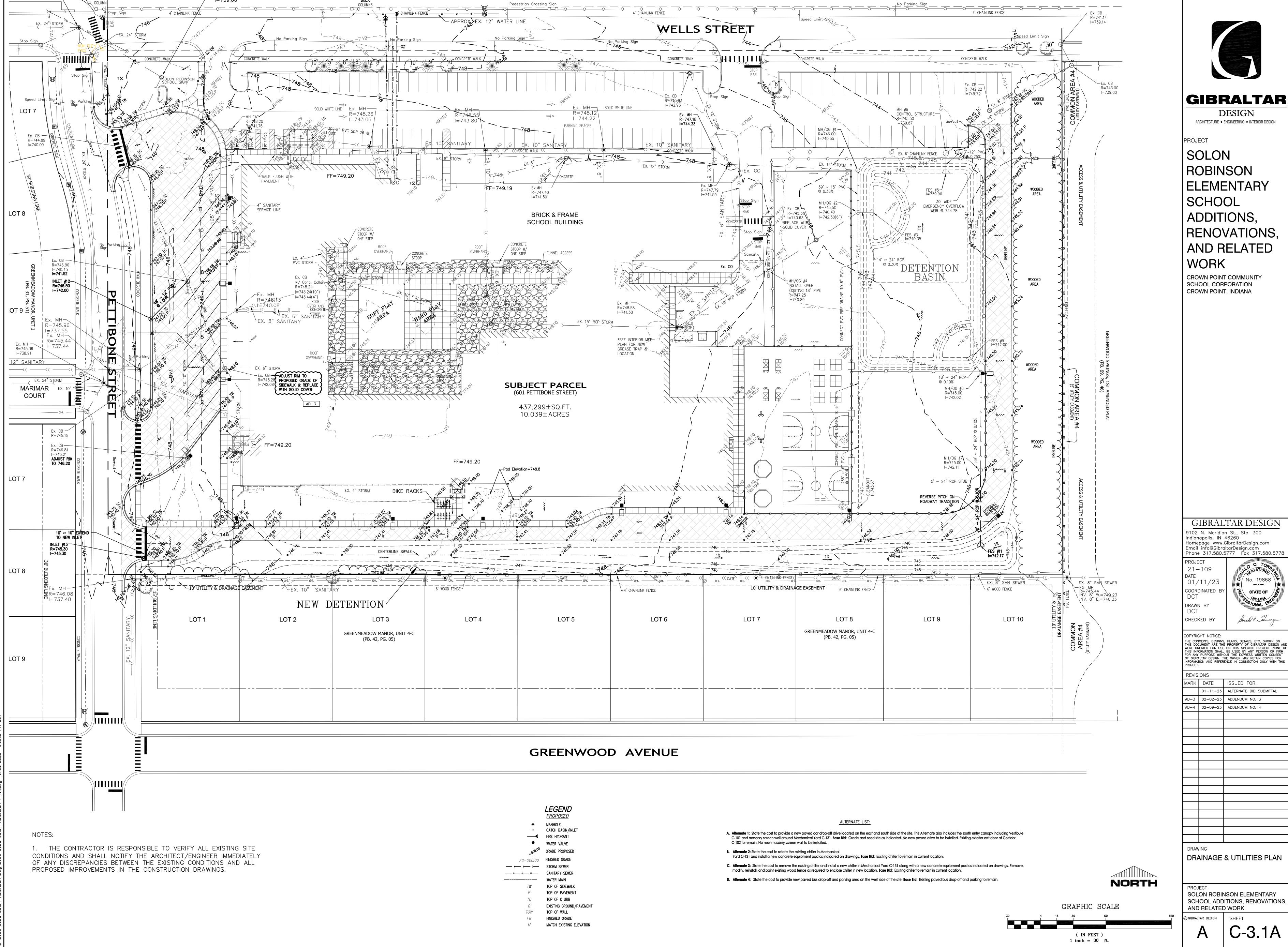


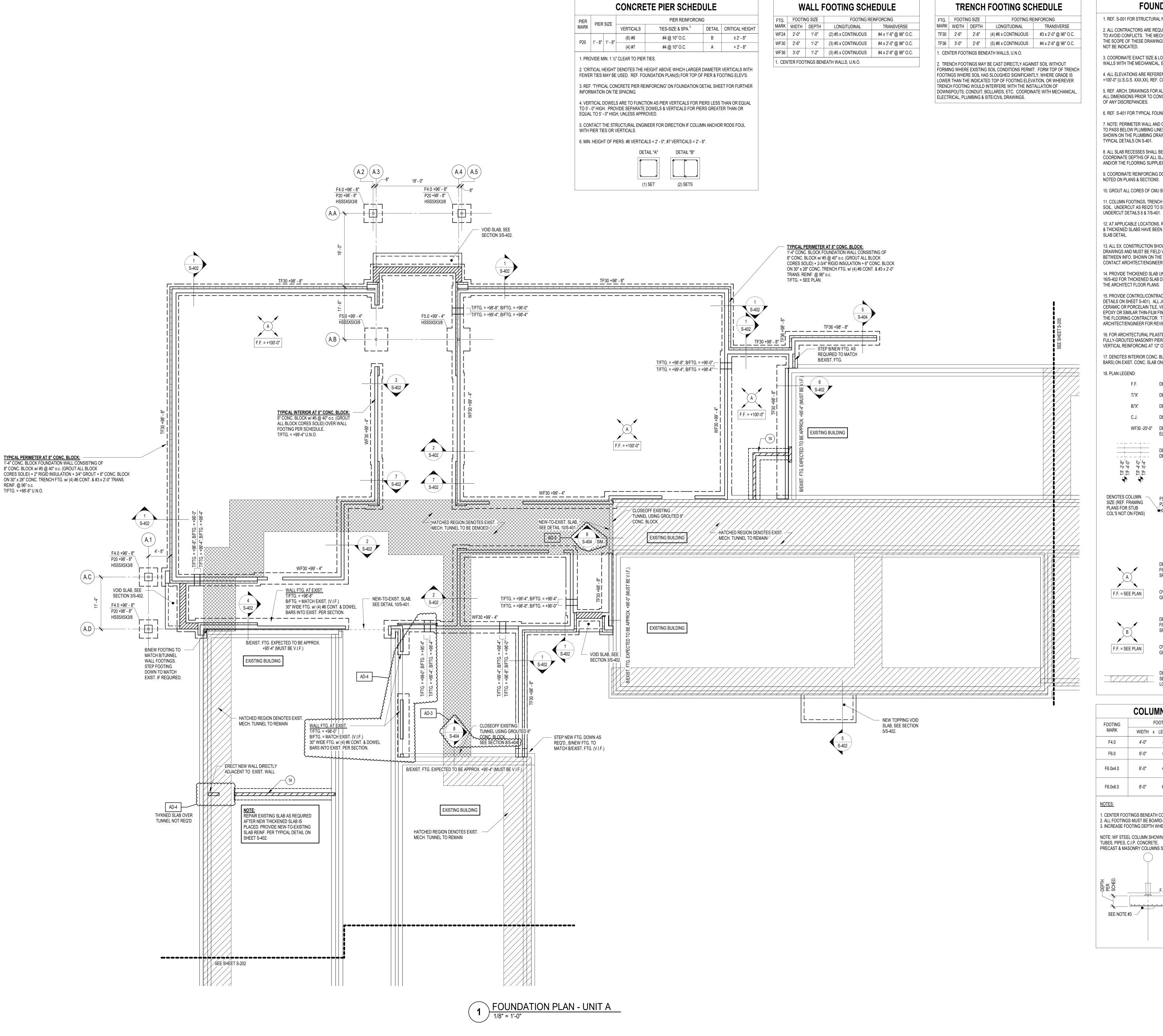
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FOUNDATION PLAN NOTES

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.

2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED.

3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.

4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION +100'-0" (U.S.G.S. XXX.XX). REF. CIVIL DWGS.

5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER

6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.

7. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.

8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.

9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.

10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.

11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL. REF. TYPICAL FOOTING

12. AT APPLICABLE LOCATIONS, REPAIR EXISTING SLAB AS REQUIRED AFTER NEW FOOTINGS & THICKENED SLABS HAVE BEEN INSTALLED. REFER TO SHEET S-401 FOR NEW-TO-EXISTING

13. ALL EX. CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE 16/S-402 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.

15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO. CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

16. FOR ARCHITECTURAL PILASTERS NOT SUPPORTING STEEL COLUMNS, CONSTRUCT AS FULLY-GROUTED MASONRY PIERS OR CAST-IN-PLACE CONCRETE PIERS REINF'D W/ #5 VERTICAL REINFORCING AT 12" O.C. ALL FACES, AT CONTRACTOR'S OPTION.

17. DENOTES INTERIOR CONC. BLOCK PARTITION WALL w/ #4 @ 48" o.c. (GROUT SOLID AT BARS) ON EXIST. CONC. SLAB ON GRADE PER DETAIL 17/S-402.

DENOTES FINISH FLOOR

DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.

B/'X'	DENOTES BOTTOM OF FTG., GRADE BEAM, ETC.
C.J.	DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT
WF30 -20'-0"	DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)
7 7 8 7 7 7 8 7 8 7 8 9 9 9 9 9 9 9 9 9	DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S-401
ENOTES COLUMN ZE (REF. FRAMING ANS FOR STUB DL'S NOT ON FDNS)	DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.) DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.) COLUMN FOOTING CONCRETE PIER STEEL COLUMN

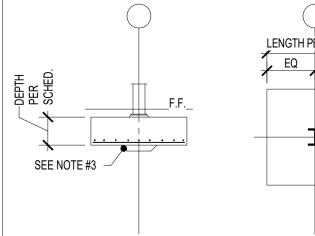
DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.)

DENOTES 5" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED F.F. = SEE PLAN GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.)

DENOTES INTERIOR NON-LOAD BEARING WALLS, SEE NOTES 16 & . COORDINATE EXACT EXTENTS AND LOCATIONS w/ ARCHITECTURAL DRAWINGS.

		COLU	MN FC	OTING	SCHEDULE
	FOOTING	ı	FOOTING SIZ	ZE	REINFORCING
	MARK	WIDTH x	LENGTH	x DEPTH	(EACH WAY - U.N.O.)
	F4.0	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"
	F6.0	6'-0"	6'-0"	1'-2"	(6) #5 x 5'-6"
	F6.0x4.0	6'-0"	4'-0"	SEE PLAN	(6) #5 x 3'-6" (SW) 2 x (4) #5 x 2'-2" (LW)
	F8.0x6.0	8'-0"	6'-0"	SEE PLAN	(8) #6 x 5'-6" (SW) 2 x (6) #5 x 3'-2" (LW)

NOTES:
CENTER FOOTINGS BENEATH COLUMNS, U.N.O. ALL FOOTINGS MUST BE BOARD-FORMED, UNLESS APPROVED. INCREASE FOOTING DEPTH WHERE REQ'D TO ENCASE COLUMN ANCHOR RODS
NOTE: WF STEEL COLUMN SHOWN, TUBES, PIPES, C.I.P. CONCRETE, PRECAST & MASONRY COLUMNS SIM.



EQ EQ EQ SEE NOTE	#2



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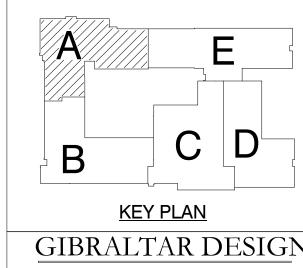
DESIGN

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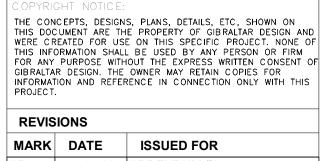
SOLON **ROBINSON ELEMENTARY** SCHOOL ADDITIONS, RENOVATIONS, **AND RELATED** WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CEDAR LAKE, INDIANA



9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 21-109

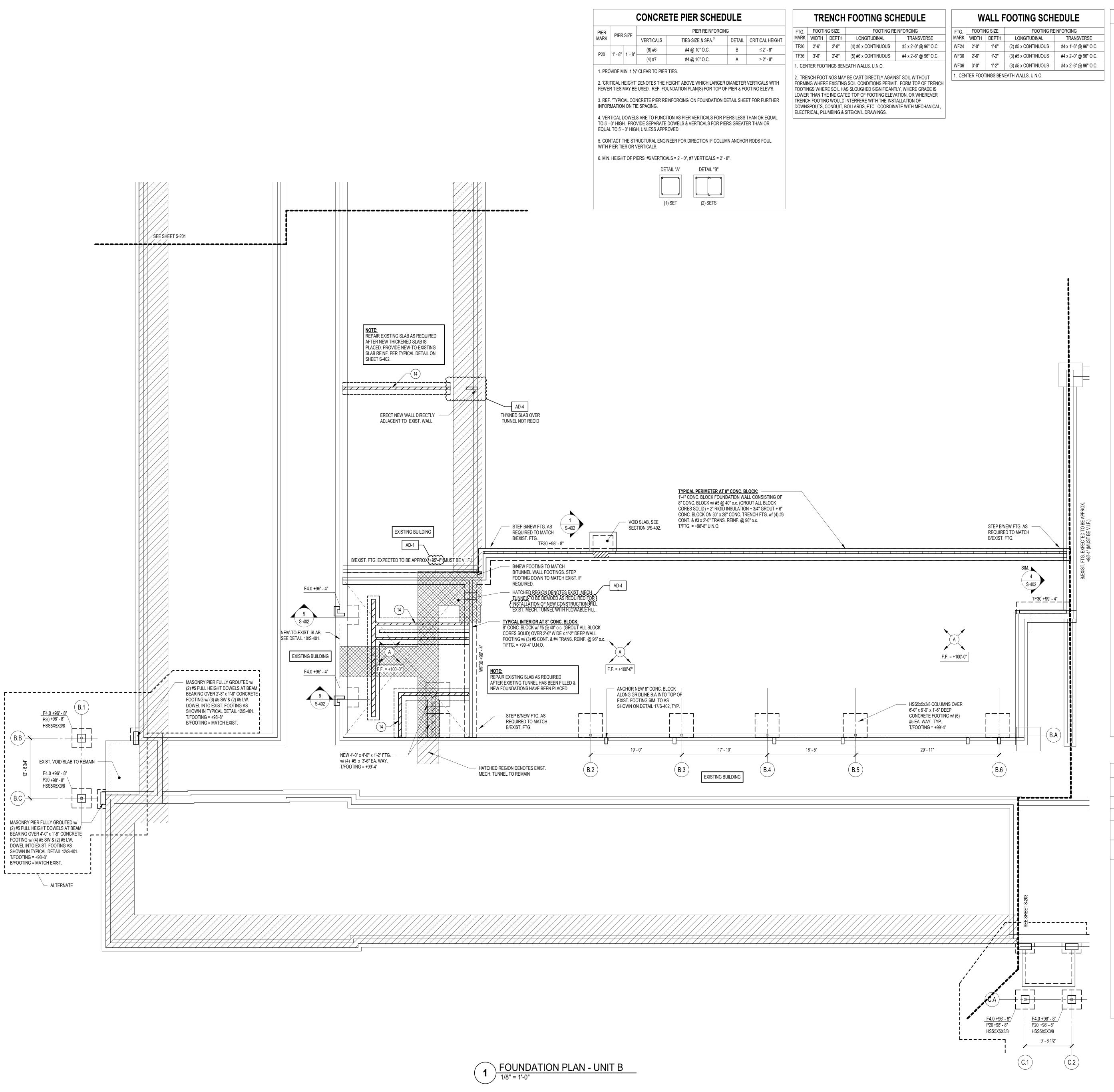
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FOUNDATION PLAN -

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK



FOUNDATION PLAN NOTES

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES.

TRANSVERSE

S #4 x 1'-6" @ 96" O.C.

S #4 x 2'-0" @ 96" O.C.

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DENOTES FINISH FLOOR
DENOTES TOP OF FTG., GF

T/'X' DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.

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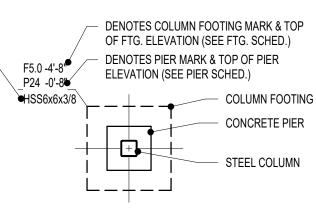
C.J. DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT

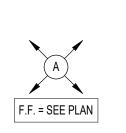
WF30 -20'-0" DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)

DENOTES COLUMN
SIZE (REF. FRAMING
PLANS FOR STUB
COL'S NOT ON FDNS)

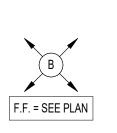
F5.0 -4'-8'
P24 -0'-8'
HSS6x6x3/8

18. PLAN LEGEND:





DENOTES 4" CONC. SLAB ON GRADE w/ "FIBERFORCE 300"
FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY
SPECIFICATION PRODUCTS, INC. CONSISTING OF:
E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT &
E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL
OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED
GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.)

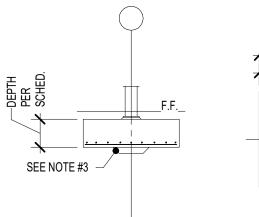


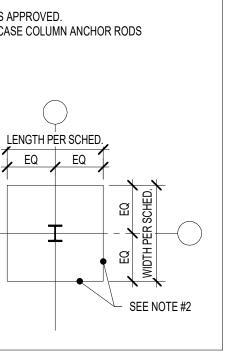
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FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY
SPECIFICATION PRODUCTS, INC. CONSISTING OF:
E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT &
E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL
OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED
GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.)

DENOTES INTERIOR NON-LOAD BEARING WALLS,
SEE NOTES 16 & . COORDINATE EXACT EXTENTS AND
LOCATIONS w/ ARCHITECTURAL DRAWINGS.

FOOTING	F	OOTING SIZ	ΖE	REINFORCING
MARK	WIDTH x	LENGTH	x DEPTH	(EACH WAY - U.N.O.)
F4.0	4'-0"	4'-0"	1'-2"	(4) #5 x 3'-6"
F6.0	6'-0"	6'-0"	1'-2"	(6) #5 x 5'-6"
F6.0x4.0	6'-0"	4'-0"	SEE PLAN	(6) #5 x 3'-6" (SW) 2 x (4) #5 x 2'-2" (LW)
F8.0x6.0	8'-0"	6'-0"	SEE PLAN	(8) #6 x 5'-6" (SW) 2 x (6) #5 x 3'-2" (LW)
OTES:				

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







GIBRALTAR DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK
CROWN POINT COMMUNITY

SCHOOL CORPORATION

CEDAR LAKE, INDIANA

A E C D KEY PLAN

GIBRALTAR DESIGN
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Indianapolis, IN 46260
Homepage www.GibraltarDesign.com
Email info@GibraltarDesign.com

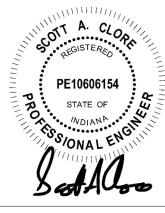
Phone 317.580.5777 Fax 317.580.5778

PROJECT
21-109

DATE
01/11/23

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DRAWING
FOUNDATION PLAN -

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS
AND RELATED WORK

SHEET
S-20

FOUNDATION PLAN NOTES

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES. 2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY

3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS.

4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION

+100'-0" (U.S.G.S. XXX.XX). REF. CIVIL DWGS. 5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER

6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.

NOT BE INDICATED.

OF ANY DISCREPANCIES.

7. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.

8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.

9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.

10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.

11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL. REF. TYPICAL FOOTING UNDERCUT DETAILS 6 & 7/S-401.

12. AT APPLICABLE LOCATIONS, REPAIR EXISTING SLAB AS REQUIRED AFTER NEW FOOTINGS & THICKENED SLABS HAVE BEEN INSTALLED. REFER TO SHEET S-401 FOR NEW-TO-EXISTING

13. ALL EX. CONSTRUCTION SHOWN IN PLAN AND/OR SECTION WAS DERIVED FROM EXISTING DRAWINGS AND MUST BE FIELD VERIFIED. IF ANY DISCREPANCIES ARE DISCOVERED BETWEEN INFO. SHOWN ON THE DRAWINGS AND ACTUAL CONDITIONS IMMEDIATELY

CONTACT ARCHITECT/ENGINEER FOR DIRECTION BEFORE PROCEEDING WITH THE WORK.

14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE 16/S-402 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.

15. PROVIDE CONTROL/CONTRACTION JOINTS IN SLABS ON GRADE (REF. THE TYPICAL DETAILS ON SHEET S-401). ALL JOINTS IN SLABS TO RECEIVE THIN OR THICK-SET TERRAZZO. CERAMIC OR PORCELAIN TILE, VINYL-COMPOSITION TILE (VCT) OR VINYL SHEET GOODS, EPOXY OR SIMILAR THIN-FILM FINISH FLOORING SHALL BE CAREFULLY COORDINATED WITH THE FLOORING CONTRACTOR. THE CONTRACTOR SHALL SUBMIT SLAB JOINT LAYOUT TO ARCHITECT/ENGINEER FOR REVIEW PRIOR TO PLACING SLABS.

16. FOR ARCHITECTURAL PILASTERS NOT SUPPORTING STEEL COLUMNS, CONSTRUCT AS FULLY-GROUTED MASONRY PIERS OR CAST-IN-PLACE CONCRETE PIERS REINF'D W/ #5

VERTICAL REINFORCING AT 12" O.C. ALL FACES, AT CONTRACTOR'S OPTION.

17. DENOTES INTERIOR CONC. BLOCK PARTITION WALL w/ #4 @ 48" o.c. (GROUT SOLID AT BARS) ON EXIST. CONC. SLAB ON GRADE PER DETAIL 17/S-402.

18. PLAN LEGEND: DENOTES FINISH FLOOR

DENOTES TOP OF FTG., GRADE BEAM, SLAB, PIER, ETC.

DENOTES BOTTOM OF FTG., GRADE BEAM, ETC. DENOTES SLAB ON GRADE CONTROL/CONTRACTION JOINT

WF30 -20'-0" DENOTES WALL FOOTING MARK & TOP OF FOOTING ELEVATION (SEE WALL FOOTING SCHEDULE)

____ -2'8" -4'0" -4'0" -5'4"

DENOTES WALL FOOTING WITH STEPS, REF. TYP. DETAIL ON S-401

DENOTES COLUMN —

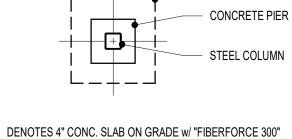
SIZE (REF. FRAMING

COL'S NOT ON FDNS)

PLANS FOR STUB

DENOTES COLUMN FOOTING MARK & TOP OF FTG. ELEVATION (SEE FTG. SCHED.) - DENOTES PIER MARK & TOP OF PIER ELEVATION (SEE PIER SCHED.) P24 -0'-8⊌ --+- COLUMN FOOTING CONCRETE PIER

HSS6x6x3/8



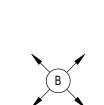
FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF:

OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED

GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.)

E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT &

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



F.F. = SEE PLAN

DENOTES 5" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF: E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT & E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL

F.F. = SEE PLAN

DENOTES INTERIOR NON-LOAD BEARING WALLS, SEE NOTES 16 & COORDINATE EXACT EXTENTS AND LOCATIONS w/ ARCHITECTURAL DRAWINGS.

OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED

GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.)

WALL FOOTING SCHEDULE

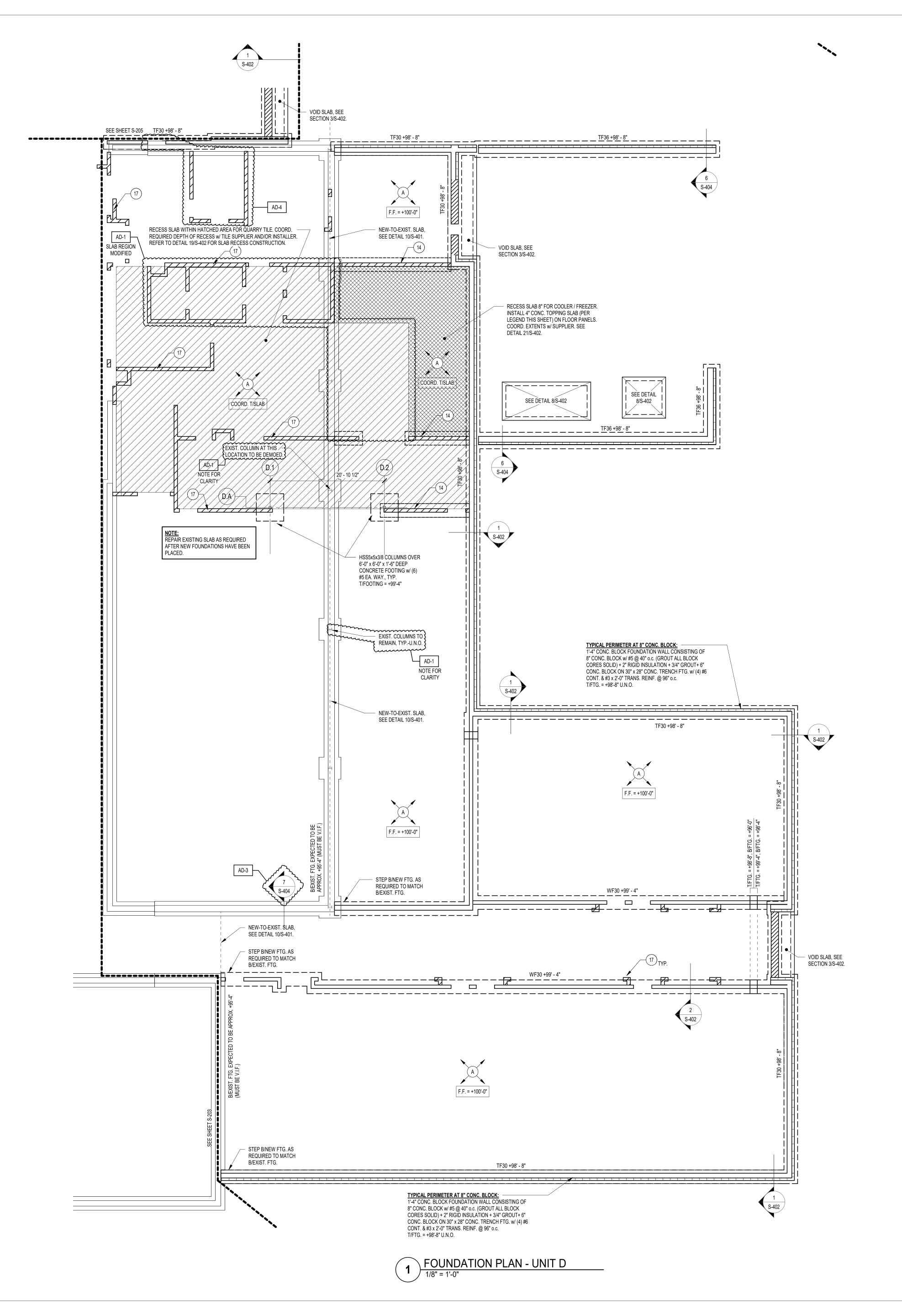
FTG.	FOOTING SIZE		FOOTING REINFORCING		
MARK	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE	
NF24	2'-0"	1'-0"	(2) #5 x CONTINUOUS	#4 x 1'-6" @ 96" O.C.	
NF30	2'-6"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-0" @ 96" O.C.	
NF36	3'-0"	1'-2"	(3) #5 x CONTINUOUS	#4 x 2'-6" @ 96" O.C.	

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

TRENCH FOOTING SCHEDULE

FTG.	FOOTING SIZE	FOOTING REINFORCING			
MARK	WIDTH	DEPTH	LONGITUDINAL	TRANSVERSE	
TF30	2'-6"	2'-8"	(4) #6 x CONTINUOUS	#3 x 2'-0" @ 96" O.C	
TF36	3'-0"	2'-8"	(5) #6 x CONTINUOUS	#4 x 2'-6" @ 96" O.C	
1 CENTER FOOTINGS BENEATH WALLS II NO					

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





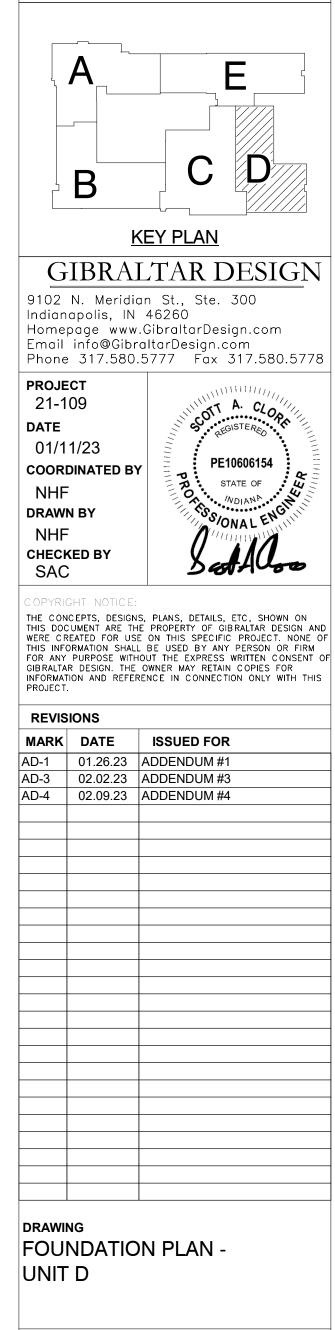
GIBRALTAR DESIGN

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PROJECT

SOLON **ROBINSON ELEMENTARY SCHOOL** ADDITIONS, RENOVATIONS, **AND RELATED WORK CROWN POINT COMMUNITY**

SCHOOL CORPORATION CEDAR LAKE, INDIANA



SOLON ROBINSON ELEMENTARY

AND RELATED WORK

SCHOOL ADDITIONS, RENOVATIONS

B/EXIST. FTG. EXPECTED TO BE APPROX (+95'-4") MUST BE V.I.F.) STEP B/NEW FTG. AS REQUIRED TO MATCH 1 B/EXIST. FTG. STEP B/NEW FTG. AS REQUIRED TO MATCH NEW TOPPING VOID B/EXIST. FTG. SLAB, SEE SECTION لطا VOID SLAB, SEE -SECTION 3/S-402. VOID SLAB, SEE SECTION 3/S-402. TF30 +98' - 8" TF30 +98' - 8" TF30 +98' - 8" SEE SHEET S-203 B/EXIST. FTG. EXPECTED TO BE APPROX. +95'-4" (MUST BE V.I.F. EXISTING BUILDING

TRENCH FOOTING SCHEDULE

FTG.	FOOTIN	IG SIZE	FOOTING RE	INFORCING
MARK	WIDTH	DEPTH	LONGITUDINAL	TRANSVERS
TF30	2'-6"	2'-8"	(4) #6 x CONTINUOUS	#3 x 2'-0" @ 96" (
TF36	3'-0"	2'-8"	(5) #6 x CONTINUOUS	#4 x 2'-6" @ 96" (

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

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

1. REF. S-001 FOR STRUCTURAL NOTES, DESIGN DATA & SCHEDULES. 2. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT IN

1F36 3'-0" 2'-8" (5) #6 x CONTINUOUS #4 x 2'-6" @ 96" O.C.

WALLS WITH THE MECHANICAL, ELECTRICAL & PLUMBING CONTRACTORS. 4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FINISH FLOOR ELEVATION

+100'-0" (U.S.G.S. XXX.XX). REF. CIVIL DWGS. 5. REF. ARCH. DRAWINGS FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY

NOT BE INDICATED.

ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY ARCHITECT/ENGINEER OF ANY DISCREPANCIES.

FOUNDATION PLAN NOTES

THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY

3. COORDINATE EXACT SIZE & LOCATION OF ALL MECHANICAL OPENINGS IN FOUNDATION

6. REF. S-401 FOR TYPICAL FOUNDATION DETAILS.

7. NOTE: PERIMETER WALL AND COLUMN FOOTINGS SHALL BE LOWERED AND/OR SLEEVED TO PASS BELOW PLUMBING LINES (I.E. SANITARY & STORM SEWERS, WATER LINES, ETC.) SHOWN ON THE PLUMBING DRAWINGS. PROVIDE FOOTING STEPS AS REQUIRED PER THE TYPICAL DETAILS ON S-401.

8. ALL SLAB RECESSES SHALL BE LOCATED PER THE ARCHITECTURAL DRAWINGS. COORDINATE DEPTHS OF ALL SLAB RECESSES WITH THE ARCHITECTURAL DRAWINGS AND/OR THE FLOORING SUPPLIER.

9. COORDINATE REINFORCING DOWELS FOR CMU VERTICAL REINFORCING WITH REINF. NOTED ON PLANS & SECTIONS.

10. GROUT ALL CORES OF CMU BELOW FINISH FLOOR SOLID.

11. COLUMN FOOTINGS, TRENCH FOOTINGS AND WALL FOOTINGS SHALL BEAR ON APPROVED SOIL. UNDERCUT AS REQ'D TO SUITABLE BEARING MATERIAL. REF. TYPICAL FOOTING UNDERCUT DETAILS 6 & 7/S-401.

12. AT APPLICABLE LOCATIONS. REPAIR EXISTING SLAB AS REQUIRED AFTER NEW FOOTINGS & THICKENED SLABS HAVE BEEN INSTALLED. REFER TO SHEET S-401 FOR NEW-TO-EXISTING SLAB DETAIL.

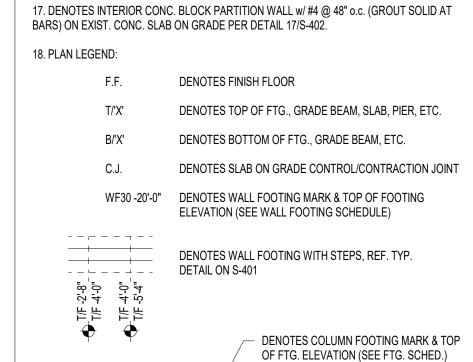
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14. PROVIDE THICKENED SLAB UNDER ALL INTERIOR CMU WALLS WITHOUT FOOTINGS. SEE 16/S-402 FOR THICKENED SLAB DETAIL. LAYOUT THICKENED SLABS FROM DIMENSIONS ON THE ARCHITECT FLOOR PLANS.

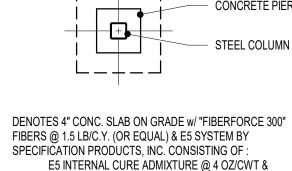
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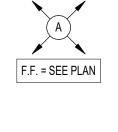
16. FOR ARCHITECTURAL PILASTERS NOT SUPPORTING STEEL COLUMNS, CONSTRUCT AS FULLY-GROUTED MASONRY PIERS OR CAST-IN-PLACE CONCRETE PIERS REINF'D W/ #5

VERTICAL REINFORCING AT 12" O.C. ALL FACES, AT CONTRACTOR'S OPTION.



DENOTES COLUMN — SIZE (REF. FRAMING P24 -0'-8⊌ PLANS FOR STUB COL'S NOT ON FDNS)





E5 CATALYST SPRAYED ON BETWEEN 800-1,000 SF/GAL OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.) DENOTES 5" CONC. SLAB ON GRADE w/ "FIBERFORCE 300" FIBERS @ 1.5 LB/C.Y. (OR EQUAL) & E5 SYSTEM BY SPECIFICATION PRODUCTS, INC. CONSISTING OF:

E5 INTERNAL CURE ADMIXTURE @ 4 OZ/CWT &

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

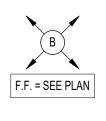
- DENOTES PIER MARK & TOP OF PIER

COLUMN FOOTING

- CONCRETE PIER

- STEEL COLUMN

ELEVATION (SEE PIER SCHED.)



DENOTES INTERIOR NON-LOAD BEARING WALLS, SEE NOTES 16 & . COORDINATE EXACT EXTENTS AND

LOCATIONS w/ ARCHITECTURAL DRAWINGS.

OVER 15 MIL VAPOR BARRIER, ON 6" COMPACTED

GRANULAR FILL (INDOT No. 53 OR APPROVED EQUIV.)



GIBRALTAR

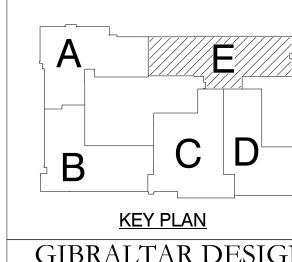
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

SOLON **ROBINSON ELEMENTARY SCHOOL** ADDITIONS, RENOVATIONS, **AND RELATED** WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CEDAR LAKE, INDIANA



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

Phone 317.580.5777 Fax 317.580.5778 21-109 DATE 01/11/23

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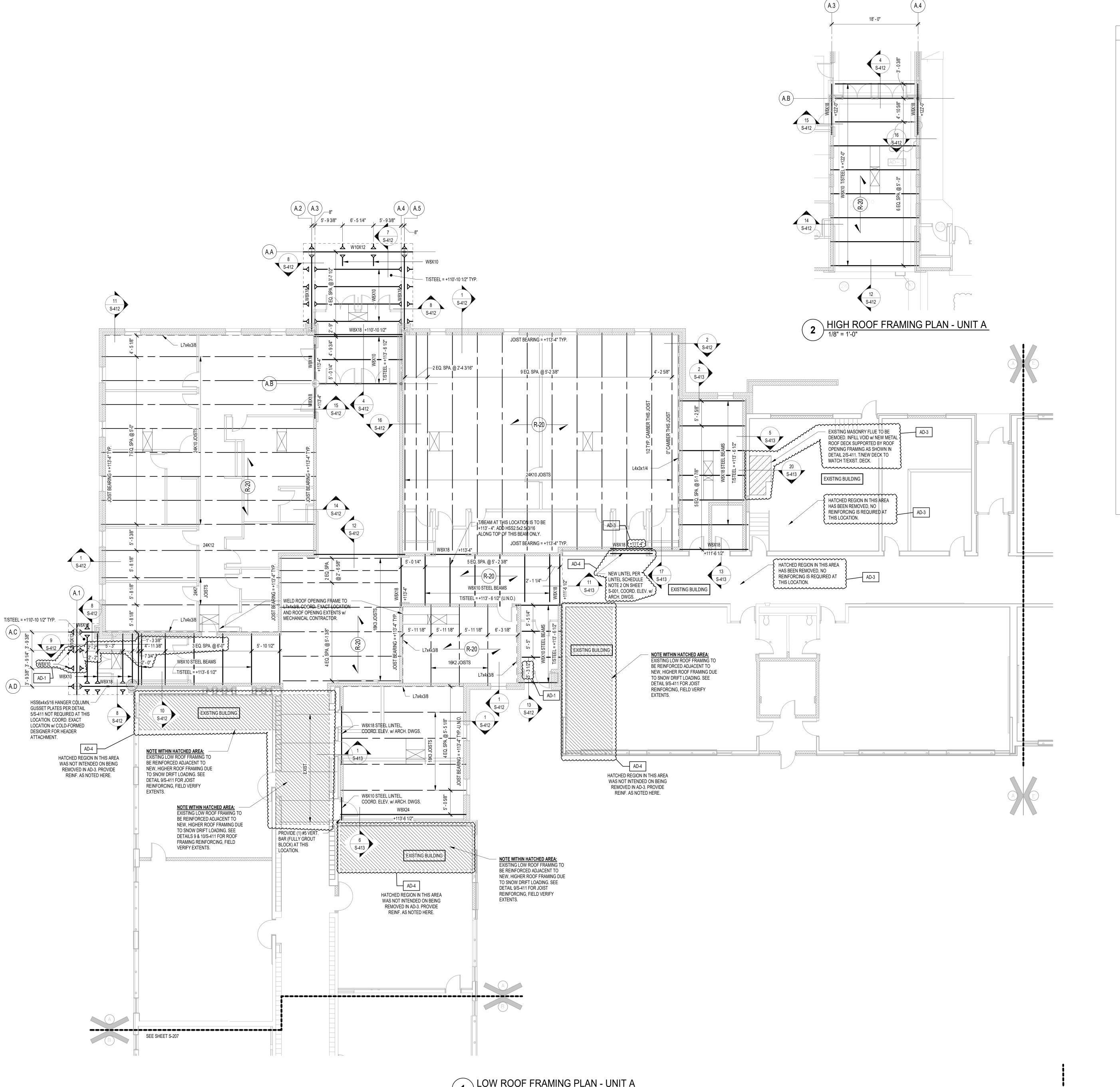


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REVISIONS					
MARK	DATE	ISSUED FOR			
AD-1	01.26.23	ADDENDUM #1			
AD-4	02.09.23	ADDENDUM #4			
		1			

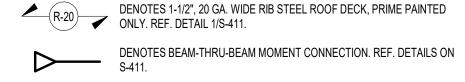
SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

UNIT E



FRAMING PLAN NOTES

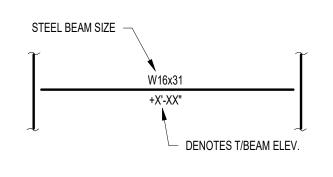
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- 2. REF. THE S-400 SERIES FOR TYPICAL FRAMING AND MASONRY DETAILS. 3. ALL CONTRACTORS ARE REQUIRED TO COORDINATE THEIR WORK WITH ALL DISCIPLINES TO AVOID CONFLICTS. THE MECHANICAL, ELECTRICAL, AND PLUMBING ASPECTS ARE NOT
- IN THE SCOPE OF THESE DRAWINGS. THEREFORE, ALL REQUIRED MATERIALS AND WORK MAY NOT BE INDICATED. 4. ALL ELEVATIONS ARE REFERENCED FROM THE FIRST FLOOR FIN. FLOOR ELEVATION
- +100'-0". COORD. USGS ELEVATION WITH CIVIL DWGS. 5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS. 6. REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS.
- 7. REF. S-403 FOR TYPICAL MASONRY DETAILS 8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL 11/S-411 FOR ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN
- FRAMING SECTIONS. 9. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS. 10. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY ALL DIMENSIONS PRIOR TO CONSTRUCTION AND IMMEDIATELY NOTIFY
- ARCHITECT/ENGINEER OF ANY DISCREPANCIES. 11. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT
- OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION. 12. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED OTHERWISE. 3. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH
- THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS. 14. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE BOND BEAMS AT TOPS OF WALLS, AT CHANGES IN CMU THICKNESS, AND WHERE INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT
- ENDS OF WALLS. 15. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL BE "OPEN-CORE" BOND BEAMS TO ALLOW VERTICAL REINFORCING TO PASS THROUGH, UNLESS NOTED OTHERWISE.
- 16. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS. 17. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED. LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS. 18. PLAN LEGEND:
- DENOTES FIN. FLOOR
- DENOTES TOP OF STEEL, SLAB, ETC.
- DENOTES BOTTOM OF LINTEL, ETC.
- DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED



DENOTES APPROX. LOCATION OF FRAMED OPENING FOR ROOF DRAIN OR ROOF HATCH. REFER TO DETAIL 2/S-411. ROUF DRAIN UK KOUF HATOR. REFER TO BE TAIL 270
COORD. EXACT LOCATION & EXTENTS W/ MECH. CONTRACTOR.

19. WIDE-FLANGE BEAM & GIRDER NOTATION:

REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS FOR PURLINS AND 25 KIPS FOR GIRDERS.



TYPICAL BEAM DIAGRAM



GIBRALTAR DESIGN

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PROJECT

SOLON **ROBINSON ELEMENTARY** SCHOOL ADDITIONS, RENOVATIONS, **AND RELATED WORK** CROWN POINT COMMUNITY

SCHOOL CORPORATION

CEDAR LAKE, INDIANA

KEY PLAN GIBRALTAR DESIGN

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

PROJECT 21-109 DATE 01/11/23 **COORDINATED BY** DRAWN BY

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REVISIONS MARK DATE ISSUED FOR

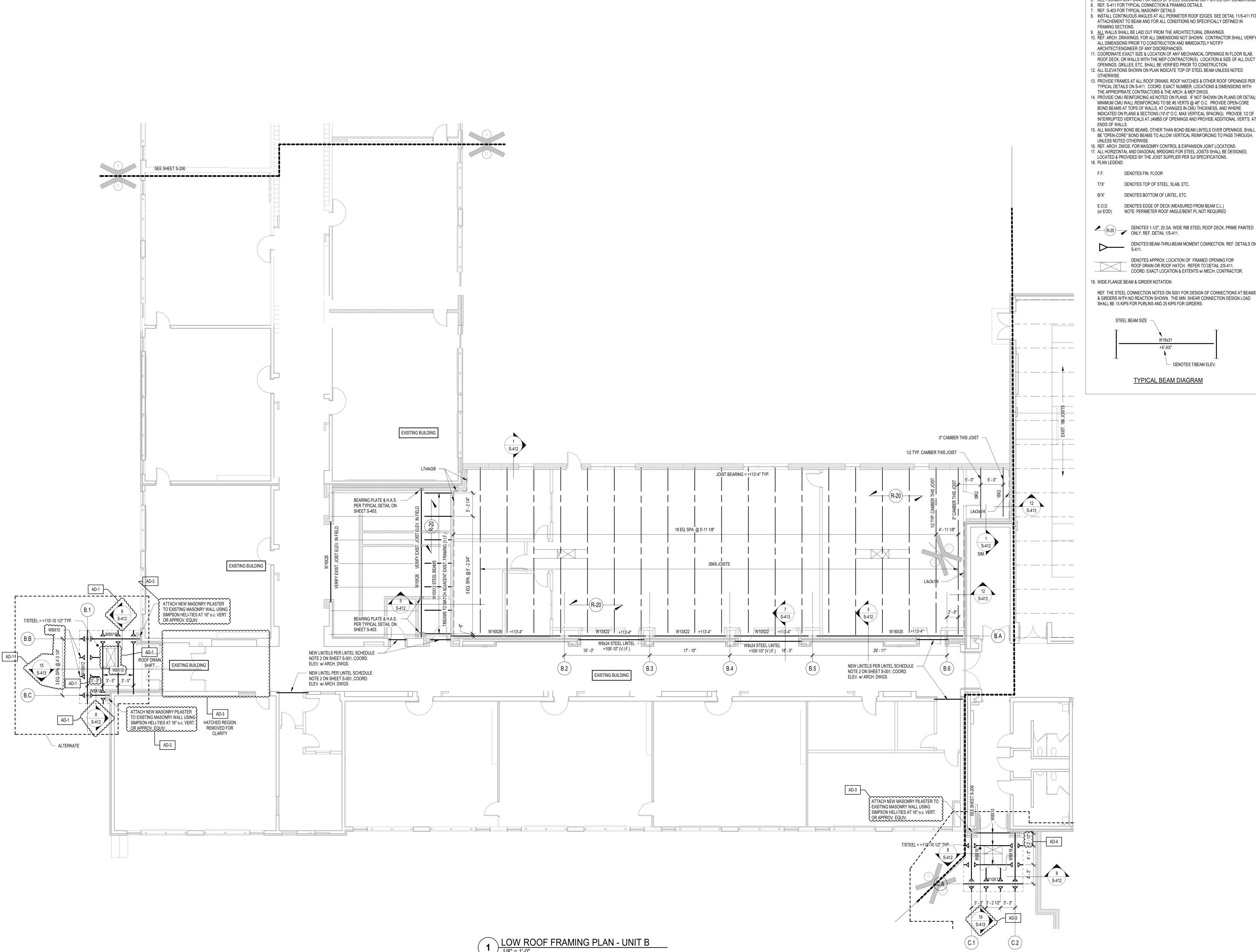
AD-1 01.26.23 ADDENDUM #1 AD-3 02.02.23 ADDENDUM #3 AD-4 02.09.23 ADDENDUM #4

ROOF FRAMING PLANS - UNIT A

SOLON ROBINSON ELEMENTARY

SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

1 LOW ROOF FRAMING PLAN - UNIT A



FRAMING PLAN NOTES

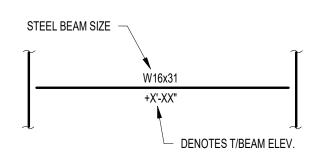
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- 5. SEE FOUNDATION PLANS FOR SIZES OF STEEL COLUMNS SUPPORTED ON FOUNDATIONS. 6. REF. S-411 FOR TYPICAL CONNECTION & FRAMING DETAILS.
- 7. REF. S-403 FOR TYPICAL MASONRY DETAILS 8. INSTALL CONTINUOUS ANGLES AT ALL PERIMETER ROOF EDGES. SEE DETAIL 11/S-411 FOR ATTACHEMENT TO BEAM AND FOR ALL CONDITIONS NO SPECIFICALLY DEFINED IN
- FRAMING SECTIONS. 9. ALL WALLS SHALL BE LAID OUT FROM THE ARCHITECTURAL DRAWINGS. 10. REF. ARCH. DRAWINGS. FOR ALL DIMENSIONS NOT SHOWN. CONTRACTOR SHALL VERIFY
- ARCHITECT/ENGINEER OF ANY DISCREPANCIES. 11. COORDINATE EXACT SIZE & LOCATION OF ANY MECHANICAL OPENINGS IN FLOOR SLAB, ROOF DECK, OR WALLS WITH THE MEP CONTRACTOR(S). LOCATION & SIZE OF ALL DUCT OPENINGS, GRILLES, ETC. SHALL BE VERIFIED PRIOR TO CONSTRUCTION. 12. ALL ELEVATIONS SHOWN ON PLAN INDICATE TOP OF STEEL BEAM UNLESS NOTED
- 13. PROVIDE FRAMES AT ALL ROOF DRAINS, ROOF HATCHES & OTHER ROOF OPENINGS PER TYPICAL DETAILS ON S-411. COORD. EXACT NUMBER, LOCATIONS & DIMENSIONS WITH THE APPROPRIATE CONTRACTORS & THE ARCH. & MEP DWGS. 14. PROVIDE CMU REINFORCING AS NOTED ON PLANS. IF NOT SHOWN ON PLANS OR DETAILS, MINIMUM CMU WALL REINFORCING TO BE #5 VERTS @ 48" O.C. PROVIDE OPEN-CORE
- INDICATED ON PLANS & SECTIONS (10'-0" O.C. MAX VERTICAL SPACING). PROVIDE 1/2 OF INTERRUPTED VERTICALS AT JAMBS OF OPENINGS AND PROVIDE ADDITIONAL VERT'S. AT ENDS OF WALLS. 15. ALL MASONRY BOND BEAMS, OTHER THAN BOND BEAM LINTELS OVER OPENINGS, SHALL
- 16. REF. ARCH. DWGS. FOR MASONRY CONTROL & EXPANSION JOINT LOCATIONS. 17. ALL HORIZONTAL AND DIAGONAL BRIDGING FOR STEEL JOISTS SHALL BE DESIGNED. LOCATED & PROVIDED BY THE JOIST SUPPLIER PER SJI SPECIFICATIONS.
- DENOTES FIN. FLOOR
- DENOTES TOP OF STEEL, SLAB, ETC.
- DENOTES BOTTOM OF LINTEL, ETC.
- DENOTES EDGE OF DECK (MEASURED FROM BEAM C.L.) NOTE: PERIMETER ROOF ANGLE/BENT PL NOT REQUIRED

R-20 DENOTES 1-1/2", 20 GA. WIDE FOR ONLY. REF. DETAIL 1/S-411. DENOTES 1-1/2", 20 GA. WIDE RIB STEEL ROOF DECK, PRIME PAINTED



19. WIDE-FLANGE BEAM & GIRDER NOTATION:

REF. THE STEEL CONNECTION NOTES ON S001 FOR DESIGN OF CONNECTIONS AT BEAMS & GIRDERS WITH NO REACTION SHOWN. THE MIN. SHEAR CONNECTION DESIGN LOAD SHALL BE 15 KIPS FOR PURLINS AND 25 KIPS FOR GIRDERS.



TYPICAL BEAM DIAGRAM



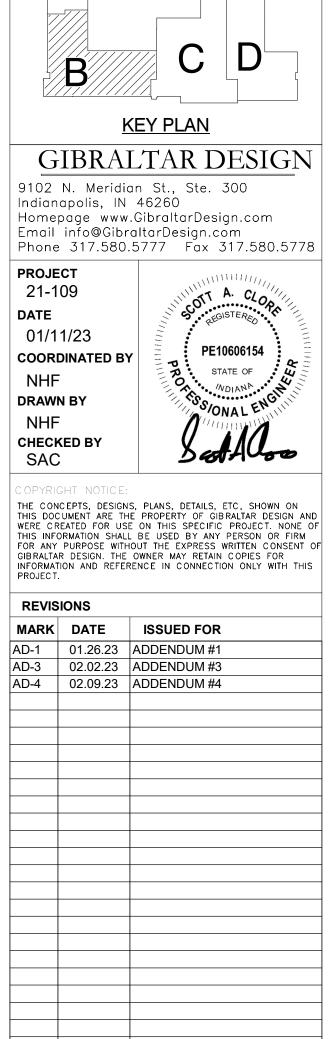
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PROJECT

SOLON **ROBINSON ELEMENTARY** SCHOOL ADDITIONS, RENOVATIONS, **AND RELATED WORK**

CROWN POINT COMMUNITY SCHOOL CORPORATION CEDAR LAKE, INDIANA

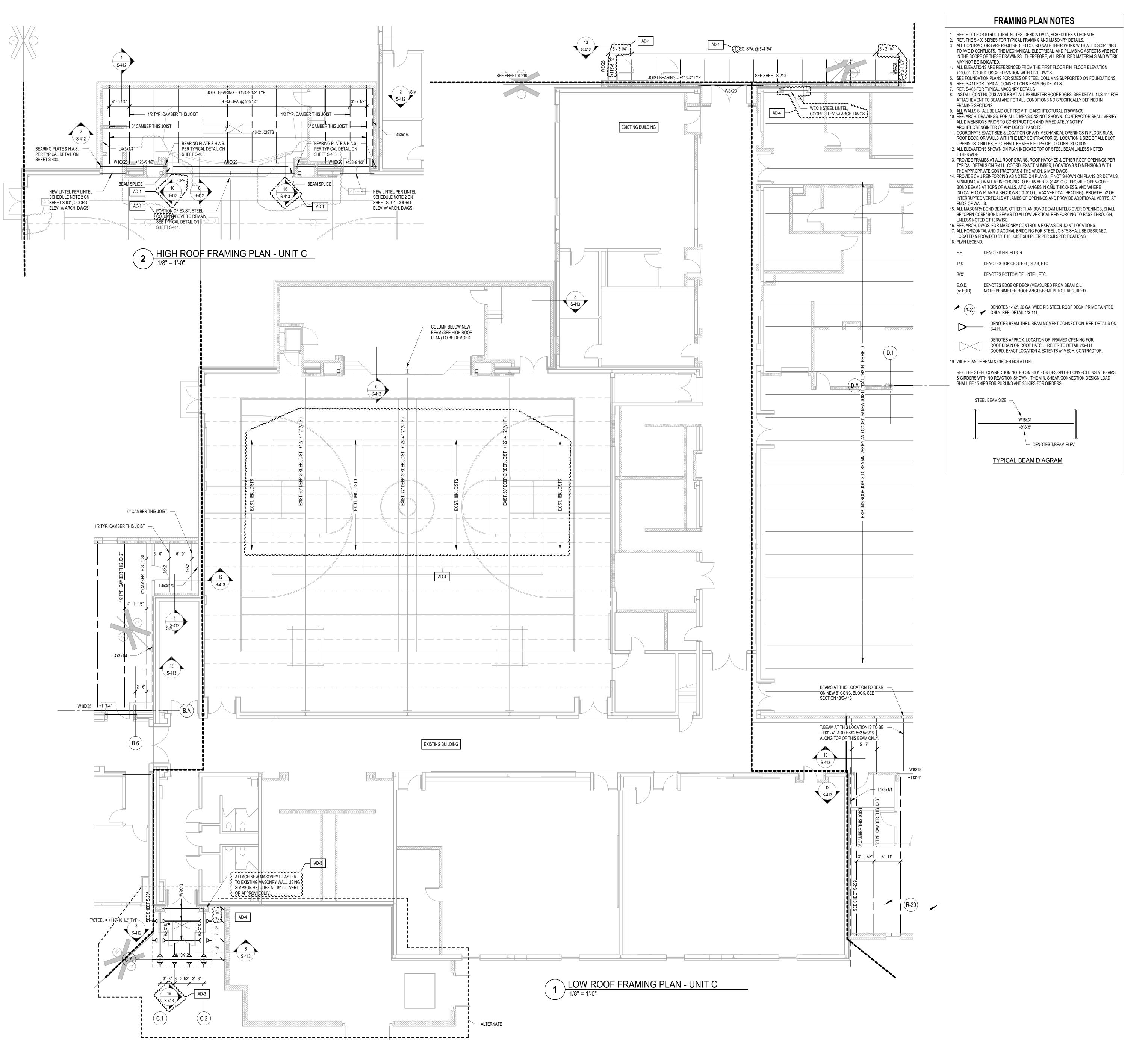


ROOF FRAMING PLAN

AND RELATED WORK

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS

- UNIT B





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SOLON
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SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK
CROWN POINT COMMUNITY

SCHOOL CORPORATION CEDAR LAKE, INDIANA

A E C D

KEY PLAN

GIBRALTAR DESIGN

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 ADDENDUM #1

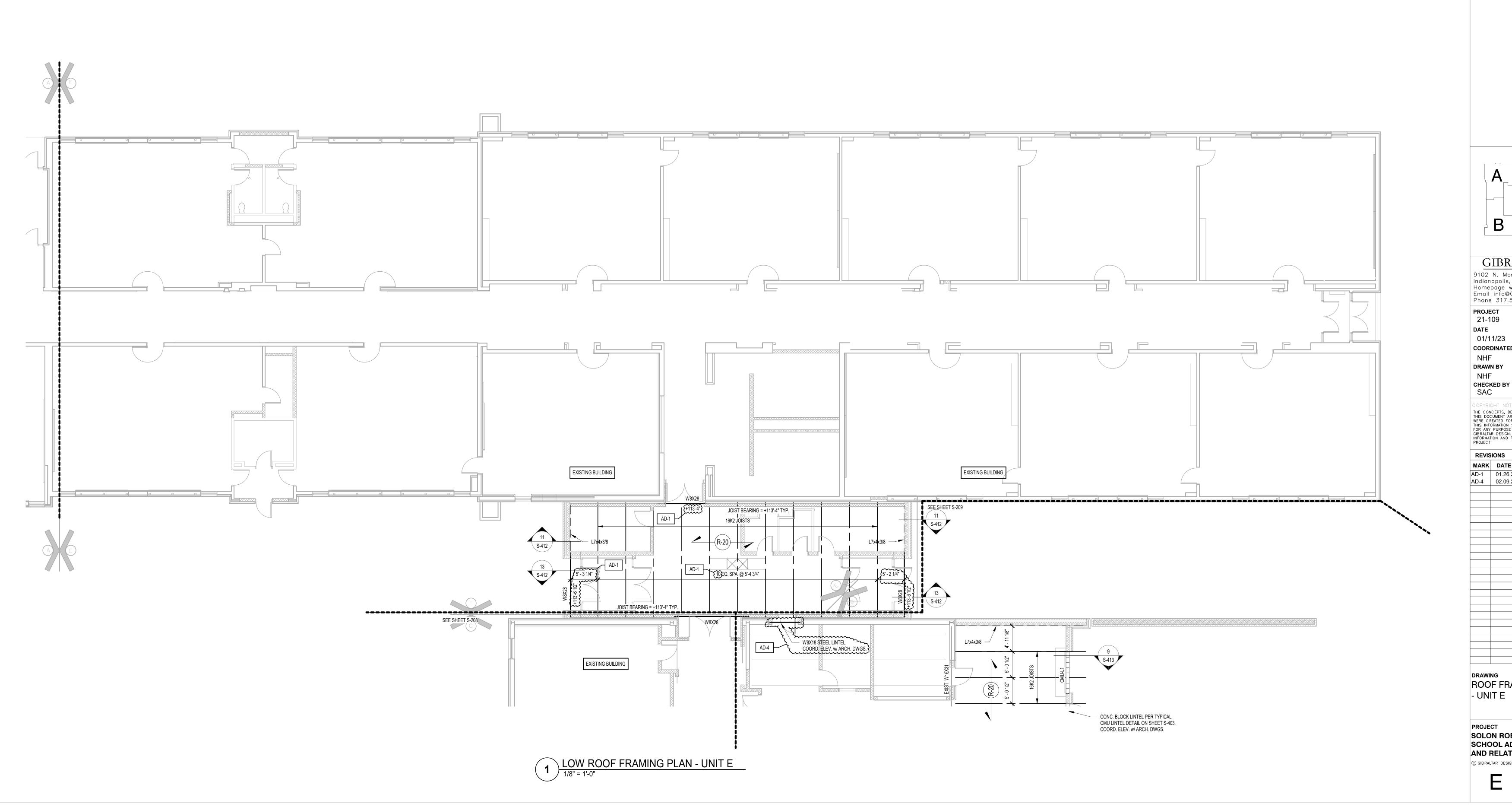
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 02.02.23
 ADDENDUM #3

 AD-4
 02.09.23
 ADDENDUM #4

DRAWING ROOF FRAMING PLANS - UNIT C

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS
AND RELATED WORK

CS





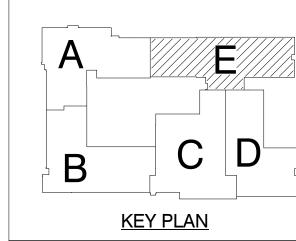
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SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, **AND RELATED** WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CEDAR LAKE, INDIANA



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21-109 DATE 01/11/23 COORDINATED BY **DRAWN BY**



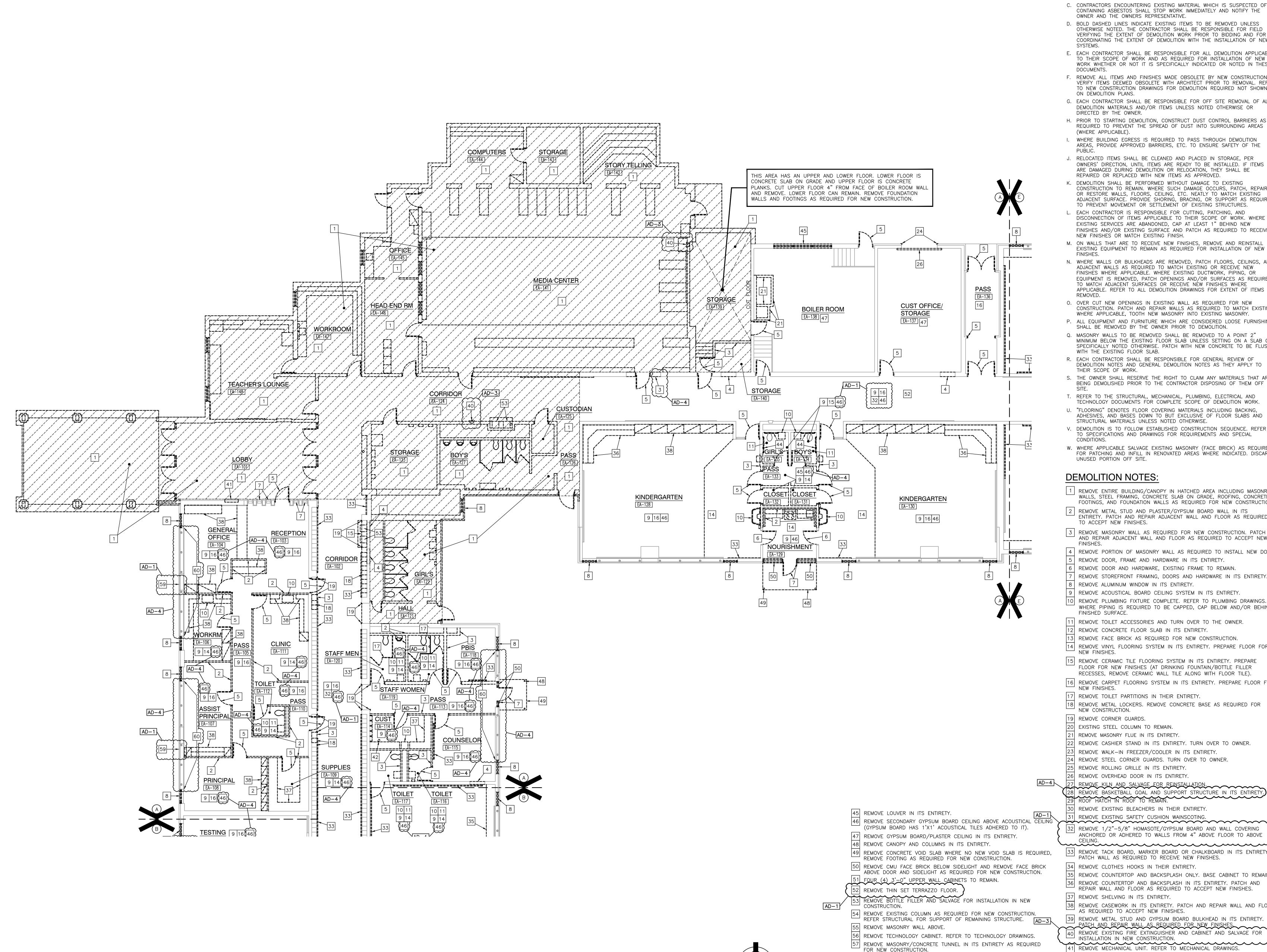
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REVISIONS

MARK DATE ISSUED FOR AD-1 01.26.23 ADDENDUM #1 AD-4 02.09.23 ADDENDUM #4

ROOF FRAMING PLAN - UNIT E

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK



GENERAL DEMOLITION NOTES

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS. B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE
- OWNER AND THE OWNERS REPRESENTATIVE. D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW
- 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
- 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.
- 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 J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS
- 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. 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
- M. ON WALLS THAT ARE TO RECEIVE NEW FINISHES, REMOVE AND REINSTALL EXISTING EQUIPMENT TO REMAIN AS REQUIRED FOR INSTALLATION OF NEW
- 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
- 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
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION NOTES

- 1 REMOVE ENTIRE BUILDING/CANOPY IN HATCHED AREA INCLUDING MASONRY WALLS, STEEL FRAMING, CONCRETE SLAB ON GRADE, ROOFING, CONCRETE FOOTINGS, AND FOUNDATION WALLS AS REQUIRED FOR NEW CONSTRUCTION. 2 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED
- 3 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW
- 4 REMOVE PORTION OF MASONRY WALL AS REQUIRED TO INSTALL NEW DOOR.
- 5 REMOVE DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. 6 REMOVE DOOR AND HARDWARE, EXISTING FRAME TO REMAIN.
- REMOVE STOREFRONT FRAMING, DOORS AND HARDWARE IN ITS ENTIRETY. 8 REMOVE ALUMINUM WINDOW IN ITS ENTIRETY. 9 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
- 10 REMOVE PLUMBING FIXTURE COMPLETE. REFER TO PLUMBING DRAWINGS. WHERE PIPING IS REQUIRED TO BE CAPPED, CAP BELOW AND/OR BEHIND FINISHED SURFACE.
- 11 REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER.
- REMOVE CONCRETE FLOOR SLAB IN ITS ENTIRETY. 13 REMOVE FACE BRICK AS REQUIRED FOR NEW CONSTRUCTION.
- 14 REMOVE VINYL FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR ── NEW FINISHES. 15 REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE
- FLOOR FOR NEW FINISHES (AT DRINKING FOUNTAIN/BOTTLE FILLER RECESSES, REMOVE CERAMIC WALL TILE ALONG WITH FLOOR TILE). RECESSES, REMOVE CERAMIC WALL TILE ALONG WITH FLOOR TILE).

 16 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS
- NEW FINISHES. 17 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
- 18 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION. 19 REMOVE CORNER GUARDS.
- 20 EXISTING STEEL COLUMN TO REMAIN.
- 1 REMOVE MASONRY FLUE IN ITS ENTIRETY.
- REMOVE CASHIER STAND IN ITS ENTIRETY. TURN OVER TO OWNER.
- 24 REMOVE STEEL CORNER GUARDS. TURN OVER TO OWNER.

58 REMOVE WALLPAPER FRIEZE. PREPARE WALL FOR NEW FINISHES.

60 REMOVE GYPSUM BOARD AND FURRING CHANNELS FROM FLOOR TO 4" ABOVE CEILING.

59 REMOVE EXISTING LOUVER.

- 25 REMOVE ROLLING GRILLE IN ITS ENTIRETY. REMOVE OVERHEAD DOOR IN ITS ENTIRETY.
- PT REMOVE KILN AND SALVAGE FOR REINSTALLATION. 28 REMOVE BASKETBALL GOAL AND SUPPORT STRUCTURE IN ITS ENTIRET 29 ROOF HATCH IN ROOF TO REMAIN.
- $|\mathsf{30}|$ REMOVE EXISTING BLEACHERS IN THEIR ENTIRETY. 1 REMOVE EXISTING SAFETY CUSHION WAINSCOTING
- ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE 33 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN ITS ENTIRETY.
- PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES. 34 REMOVE CLOTHES HOOKS IN THEIR ENTIRETY.

WALL AS REQUIRED TO RECEIVE NEW FINISHES.

- 35 REMOVE COUNTERTOP AND BACKSPLASH ONLY. BASE CABINET TO REMAIN. 36 REMOVE COUNTERTOP AND BACKSPLASH IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES. 37 REMOVE SHELVING IN ITS ENTIRETY.
- 38 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOO AS REQUIRED TO ACCEPT NEW FINISHES. 39 REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY.
- PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.

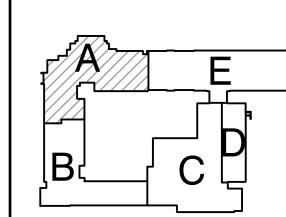
 40 REMOVE EXISTING FIRE EXTINGUISHER AND CABINET AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION.
- 41 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS. 42 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
- 43 REMOVE ELECTRICAL PANELS/ITEMS. REFER TO ELECTRICAL DRAWINGS. 44 REMOVE EXISTING GRAB BARS IN THEIR ENTIRETY. PATCH AND REPAIR



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ROBINSON SCHOOL AND RELATED

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN GIBRALTAR DESIGN

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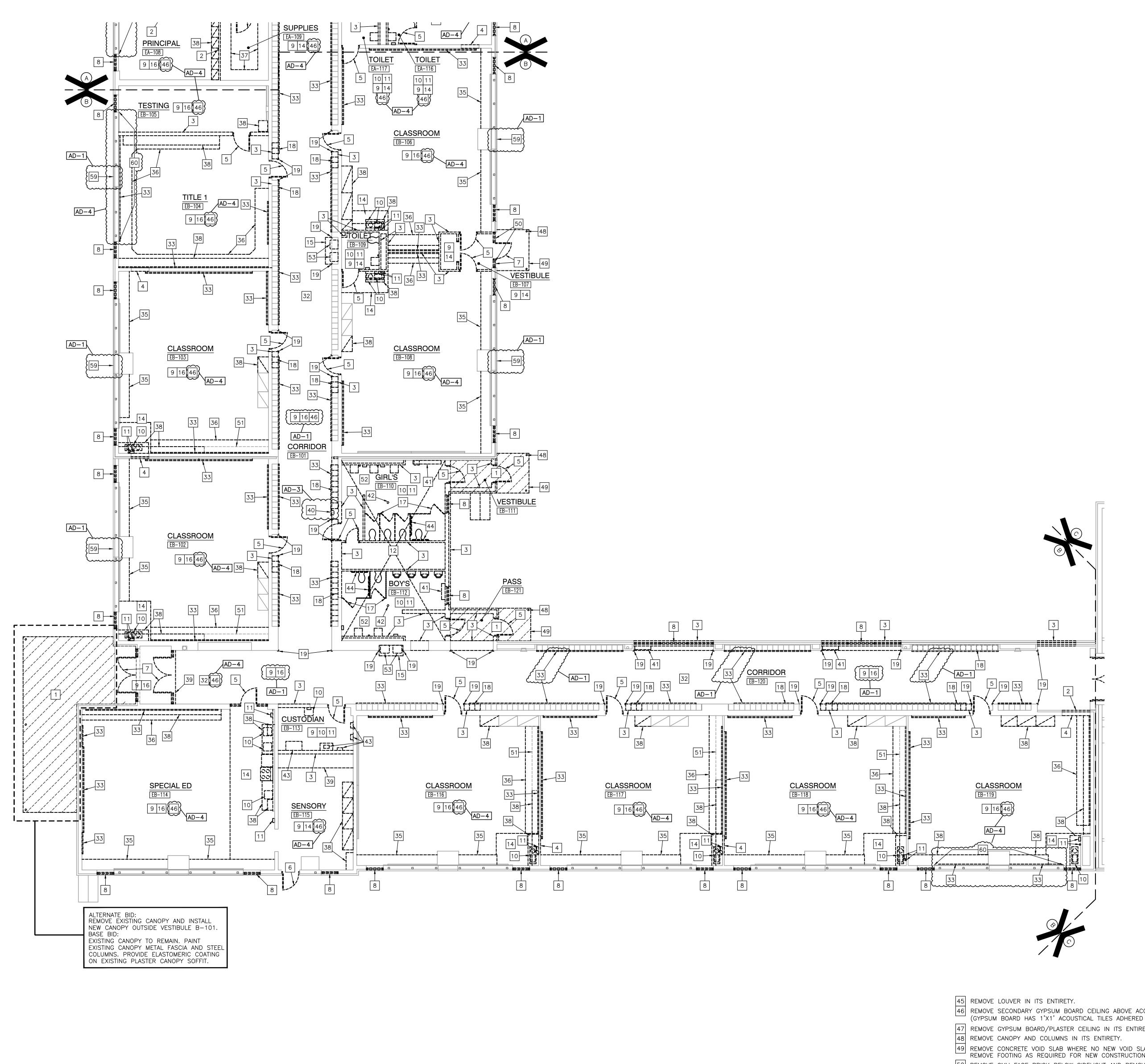
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AD-3	02/02/23	ADDENDUM	NO.	3
AD-4	02/09/23	ADDENDUM	NO.	4
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UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

> GIBRALTAR DESIGN SHEET A

AD101



46 REMOVE SECONDARY GYPSUM BOARD CEILING ABOVE ACOUSTICAL CEILING (GYPSUM BOARD HAS 1'X1' ACOUSTICAL TILES ADHERED TO IT). 47 REMOVE GYPSUM BOARD/PLASTER CEILING IN ITS ENTIRETY. 49 REMOVE CONCRETE VOID SLAB WHERE NO NEW VOID SLAB IS REQUIRED, REMOVE FOOTING AS REQUIRED FOR NEW CONSTRUCTION. 50 REMOVE CMU FACE BRICK BELOW SIDELIGHT AND REMOVE FACE BRICK

ABOVE DOOR AND SIDELIGHT AS REQUIRED FOR NEW CONSTRUCTION. 51 FOUR (4) 3'-0" UPPER WALL CABINETS TO REMAIN.

52 REMOVE THIN SET TERRAZZO FLOOR. 53 REMOVE BOTTLE FILLER AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION. 54 REMOVE EXISTING COLUMN AS REQUIRED FOR NEW CONSTRUCTION.

REFER STRUCTURAL FOR SUPPORT OF REMAINING STRUCTURE.

AD-3 55 REMOVE MASONRY WALL ABOVE. 56 REMOVE TECHNOLOGY CABINET. REFER TO TECHNOLOGY DRAWINGS.

57 REMOVE MASONRY/CONCRETE TUNNEL IN ITS ENTIRETY AS REQUIRED for NEW CONSTRUCTION. 58 REMOVE WALLPAPER FRIEZE. PREPARE WALL FOR NEW FINISHES.

59 REMOVE EXISTING LOUVER. 60 REMOVE GYPSUM BOARD AND FURRING CHANNELS FROM FLOOR TO 4" ABOVE CEILING.

GENERAL DEMOLITION NOTES

(WHERE APPLICABLE).

OWNER AND THE OWNERS REPRESENTATIVE.

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS. B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED O CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE
- 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
- 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
- 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
- I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE
- 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
- 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 T
- 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
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND
- STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE. V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION NOTES

- 1 REMOVE ENTIRE BUILDING/CANOPY IN HATCHED AREA INCLUDING MASONRY WALLS, STEEL FRAMING, CONCRETE SLAB ON GRADE, ROOFING, CONCRETE FOOTINGS, AND FOUNDATION WALLS AS REQUIRED FOR NEW CONSTRUCTION. 2 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS
- ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES. 3 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH
- AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW
- 4 REMOVE PORTION OF MASONRY WALL AS REQUIRED TO INSTALL NEW DOOR. 5 REMOVE DOOR, FRAME AND HARDWARE IN ITS ENTIRETY.
- 6 REMOVE DOOR AND HARDWARE, EXISTING FRAME TO REMAIN. REMOVE STOREFRONT FRAMING, DOORS AND HARDWARE IN ITS ENTIRETY.
- 8 REMOVE ALUMINUM WINDOW IN ITS ENTIRETY. 9 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY. 10 REMOVE PLUMBING FIXTURE COMPLETE. REFER TO PLUMBING DRAWINGS. WHERE PIPING IS REQUIRED TO BE CAPPED, CAP BELOW AND/OR BEHIND
- FINISHED SURFACE. 11 REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER.
- REMOVE CONCRETE FLOOR SLAB IN ITS ENTIRETY. 13 REMOVE FACE BRICK AS REQUIRED FOR NEW CONSTRUCTION.
- 14 REMOVE VINYL FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES. 15 REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE
- FLOOR FOR NEW FINISHES (AT DRINKING FOUNTAIN/BOTTLE FILLER RECESSES, REMOVE CERAMIC WALL TILE ALONG WITH FLOOR TILE). 16 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR
- → NEW FINISHES. 17 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
- 18 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR NEW CONSTRUCTION.
- 19 REMOVE CORNER GUARDS. 20 EXISTING STEEL COLUMN TO REMAIN.
- 1 REMOVE MASONRY FLUE IN ITS ENTIRETY. REMOVE CASHIER STAND IN ITS ENTIRETY. TURN OVER TO OWNER.
- REMOVE WALK-IN FREEZER/COOLER IN ITS ENTIRETY. 24 REMOVE STEEL CORNER GUARDS. TURN OVER TO OWNER. 25 REMOVE ROLLING GRILLE IN ITS ENTIRETY.
- REMOVE OVERHEAD DOOR IN ITS ENTIRETY. REMOVE KILN AND SALVAGE FOR REINSTALLATION. 28 REMOVE BASKETBALL GOAL AND SUPPORT STRUCTURE IN ITS ENTIRET
- 29 ROOF HATCH IN ROOF TO REMAIN. 30 REMOVE EXISTING BLEACHERS IN THEIR ENTIRETY.
- 1 REMOVE EXISTING SAFETY CUSHION WAINSCOTING \_ 32 REMOVE 1/2"-5/8" HOMASOTE/GYPSUM BOARD AND WALL COVERING ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE
- ~~~``````` 33 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN ITS ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
- 34 REMOVE CLOTHES HOOKS IN THEIR ENTIRETY. 35 REMOVE COUNTERTOP AND BACKSPLASH ONLY. BASE CABINET TO REMAIN.
- 36 REMOVE COUNTERTOP AND BACKSPLASH IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES. 37 REMOVE SHELVING IN ITS ENTIRETY.
- 38 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLO AS REQUIRED TO ACCEPT NEW FINISHES. 39 REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY.
- PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.

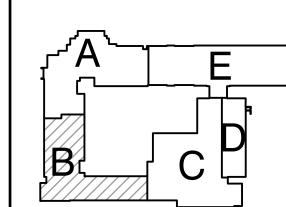
 40 REMOVE EXISTING FIRE EXTINGUISHER AND CABINET AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION. 41 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS.
- 42 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS. 43 REMOVE ELECTRICAL PANELS/ITEMS. REFER TO ELECTRICAL DRAWINGS.
- 44 REMOVE EXISTING GRAB BARS IN THEIR ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES.



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ROBINSON SCHOOL AND RELATED

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

GIBRALTAR DESIGN

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

COORDINATED E 1600109 GWT PCD

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REVISIONS				
MARK	DATE	ISSUED FOR		
AD-1	01/26/23	ADDENDUM NO. 1		

AD-1	01/26/23	ADDENDUM	NO.	1
AD-3	02/02/23	ADDENDUM	NO.	3
AD-4	02/09/23	ADDENDUM	NO.	4

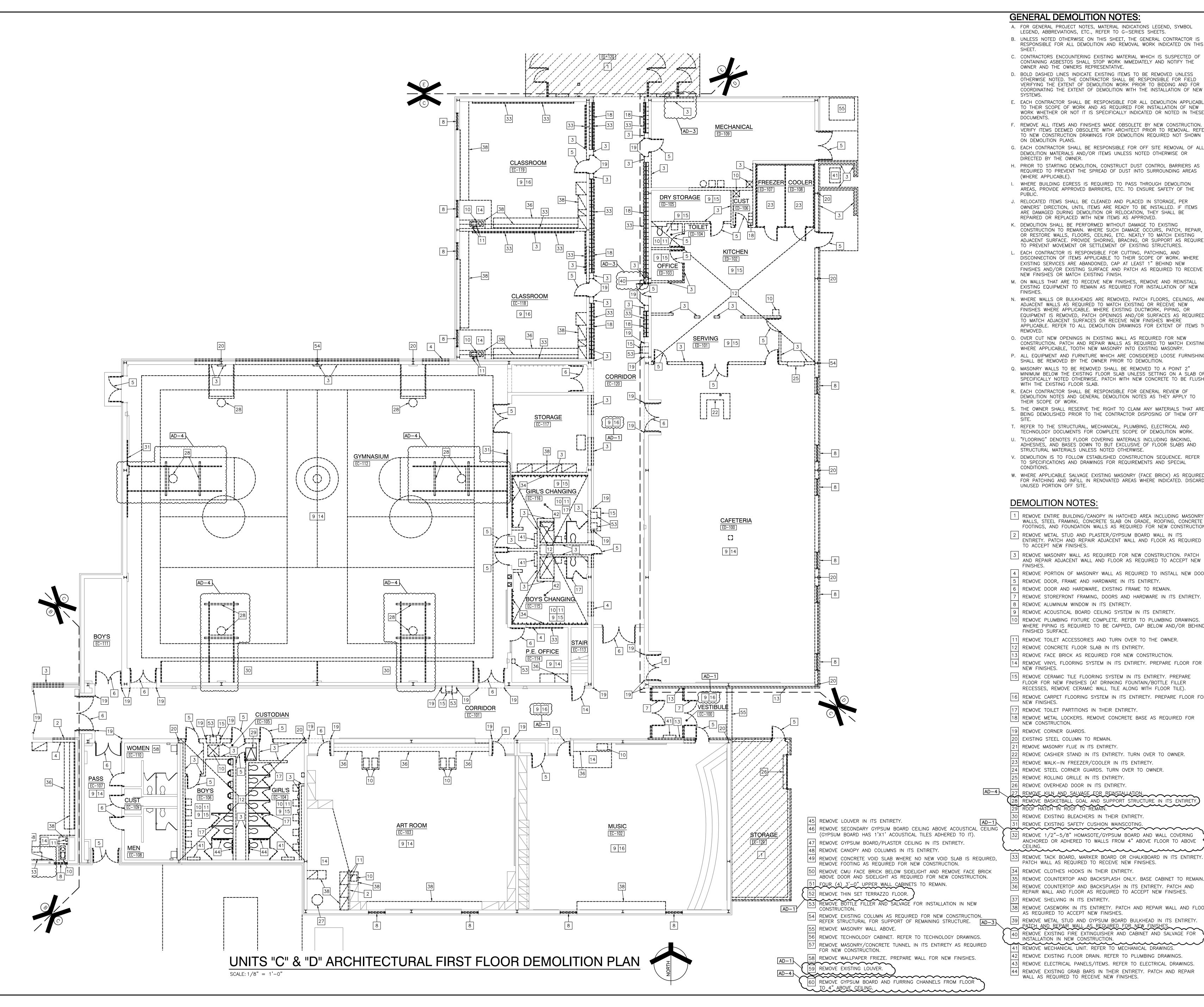
UNIT "B" ARCHITECTURAL

SOLON ROBINSON ELEMENTARY

FIRST FLOOR DEMOLITION

SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK GIBRALTAR DESIGN SHEET

AD102 B



GENERAL DEMOLITION NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS. B. UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS
- RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS
- C. CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED O CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE. D. BOLD DASHED LINES INDICATE EXISTING ITEMS TO BE REMOVED UNLESS
- OTHERWISE NOTED. THE CONTRACTOR SHALL BE RESPONSIBLE FOR FIELD VERIFYING THE EXTENT OF DEMOLITION WORK PRIOR TO BIDDING AND FOR COORDINATING THE EXTENT OF DEMOLITION WITH THE INSTALLATION OF NEW 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 F. REMOVE ALL ITEMS AND FINISHES MADE OBSOLETE BY NEW CONSTRUCTION. VERIFY ITEMS DEEMED OBSOLETE WITH ARCHITECT PRIOR TO REMOVAL. REFER
- 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
- (WHERE APPLICABLE). I. WHERE BUILDING EGRESS IS REQUIRED TO PASS THROUGH DEMOLITION AREAS, PROVIDE APPROVED BARRIERS, ETC. TO ENSURE SAFETY OF THE
- J. RELOCATED ITEMS SHALL BE CLEANED AND PLACED IN STORAGE, PER OWNERS' DIRECTION, UNTIL ITEMS ARE READY TO BE INSTALLED. IF ITEMS
- 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 EACH CONTRACTOR IS RESPONSIBLE FOR CUTTING, PATCHING, AND DISCONNECTION OF ITEMS APPLICABLE TO THEIR SCOPE OF WORK. WHERE
- 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
- 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 T
- 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
- T. REFER TO THE STRUCTURAL, MECHANICAL, PLUMBING, ELECTRICAL AND TECHNOLOGY DOCUMENTS FOR COMPLETE SCOPE OF DEMOLITION WORK.
- U. "FLOORING" DENOTES FLOOR COVERING MATERIALS INCLUDING BACKING, ADHESIVES, AND BASES DOWN TO BUT EXCLUSIVE OF FLOOR SLABS AND STRUCTURAL MATERIALS UNLESS NOTED OTHERWISE.
- V. DEMOLITION IS TO FOLLOW ESTABLISHED CONSTRUCTION SEQUENCE. REFER TO SPECIFICATIONS AND DRAWINGS FOR REQUIREMENTS AND SPECIAL
- W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD UNUSED PORTION OFF SITE.

DEMOLITION NOTES

- 1 REMOVE ENTIRE BUILDING/CANOPY IN HATCHED AREA INCLUDING MASONRY WALLS, STEEL FRAMING, CONCRETE SLAB ON GRADE, ROOFING, CONCRETE FOOTINGS, AND FOUNDATION WALLS AS REQUIRED FOR NEW CONSTRUCTION. 2 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS
- ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES. 3 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH
- AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW
- 4 REMOVE PORTION OF MASONRY WALL AS REQUIRED TO INSTALL NEW DOOR.
- 6 REMOVE DOOR AND HARDWARE, EXISTING FRAME TO REMAIN.
- REMOVE STOREFRONT FRAMING, DOORS AND HARDWARE IN ITS ENTIRETY.
- 8 REMOVE ALUMINUM WINDOW IN ITS ENTIRETY. 9 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
- 10 REMOVE PLUMBING FIXTURE COMPLETE. REFER TO PLUMBING DRAWINGS. WHERE PIPING IS REQUIRED TO BE CAPPED, CAP BELOW AND/OR BEHIND FINISHED SURFACE.
- 11 REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER.
- REMOVE CONCRETE FLOOR SLAB IN ITS ENTIRETY.
- 13 REMOVE FACE BRICK AS REQUIRED FOR NEW CONSTRUCTION.
- 14 REMOVE VINYL FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR ── NEW FINISHES. 15 REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE
- FLOOR FOR NEW FINISHES (AT DRINKING FOUNTAIN/BOTTLE FILLER RECESSES, REMOVE CERAMIC WALL TILE ALONG WITH FLOOR TILE). RECESSES, REMOVE CERAMIC WALL TILE ALONG WITH FLOOR TILE).

 16 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS
- ─ NEW FINISHES.
- 17 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY. 18 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR
- 19 REMOVE CORNER GUARDS.
- 20 EXISTING STEEL COLUMN TO REMAIN. 1 REMOVE MASONRY FLUE IN ITS ENTIRETY.
- REMOVE CASHIER STAND IN ITS ENTIRETY. TURN OVER TO OWNER.
- REMOVE WALK-IN FREEZER/COOLER IN ITS ENTIRETY.
- 24 REMOVE STEEL CORNER GUARDS. TURN OVER TO OWNER. 25 REMOVE ROLLING GRILLE IN ITS ENTIRETY.
- REMOVE OVERHEAD DOOR IN ITS ENTIRETY.
- PT REMOVE KILN AND SALVAGE FOR REINSTALLATION. 28 REMOVE BASKETBALL GOAL AND SUPPORT STRUCTURE IN ITS ENTIRET
- 29 ROOF HATCH IN ROOF TO REMAIN. 30 REMOVE EXISTING BLEACHERS IN THEIR ENTIRETY
- 1 REMOVE EXISTING SAFETY CUSHION WAINSCOTING 32 REMOVE 1/2"-5/8" HOMASOTE/GYPSUM BOARD AND WALL COVERING ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE
- ~~~``````` 33 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN ITS ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
- 34 REMOVE CLOTHES HOOKS IN THEIR ENTIRETY.
- 35 REMOVE COUNTERTOP AND BACKSPLASH ONLY. BASE CABINET TO REMAIN. 36 REMOVE COUNTERTOP AND BACKSPLASH IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
- 37 REMOVE SHELVING IN ITS ENTIRETY.
- 38 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLO AS REQUIRED TO ACCEPT NEW FINISHES. [39] REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY.
- PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES.

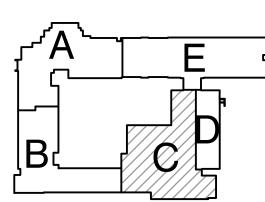
 40 REMOVE EXISTING FIRE EXTINGUISHER AND CABINET AND SALVAGE FOR INSTALLATION IN NEW CONSTRUCTION.
- ,_,____ 41 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS. 42 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
- 43 REMOVE ELECTRICAL PANELS/ITEMS. REFER TO ELECTRICAL DRAWINGS 44 REMOVE EXISTING GRAB BARS IN THEIR ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES.



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ROBINSON SCHOOL ADDITIONS, AND RELATED

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

GIBRALTAR DESIGN

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

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THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON

MARK	DATE	SSUED FO	DR	
AD-1	01/26/23	ADDENDUM	NO.	1
		ADDENDUM		
AD-4	02/09/23	ADDENDUM	NO.	4

DRAWING

UNITS "C" & "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET AD103

33 REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN ITS ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES. 34 REMOVE CLOTHES HOOKS IN THEIR ENTIRETY. 35 REMOVE COUNTERTOP AND BACKSPLASH ONLY. BASE CABINET TO REMAIN [36] REMOVE COUNTERTOP AND BACKSPLASH IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES. 37 REMOVE SHELVING IN ITS ENTIRETY. 38 REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR UNUSED PORTION OFF SITE. AS REQUIRED TO ACCEPT NEW FINISHES. 39 REMOVE METAL STUD AND GYPSUM BOARD BULKHEAD IN ITS ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED FOR NEW FINISHES. 40 REMOVE EXISTING FIRE EXTINGUISHER AND CABINET AND SALVAGE FOR $^{ ightharpoonup}$ installation in New Construction. 41 REMOVE MECHANICAL UNIT. REFER TO MECHANICAL DRAWINGS. 42 REMOVE EXISTING FLOOR DRAIN. REFER TO PLUMBING DRAWINGS. 43 REMOVE ELECTRICAL PANELS/ITEMS. REFER TO ELECTRICAL DRAWINGS. ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED 44 REMOVE EXISTING GRAB BARS IN THEIR ENTIRETY. PATCH AND REPAIR WALL AS REQUIRED TO RECEIVE NEW FINISHES. 45 REMOVE LOUVER IN ITS ENTIRETY. 46 REMOVE SECONDARY GYPSUM BOARD CEILING ABOVE ACOUSTICAL CEILING (GYPSUM BOARD HAS 1'X1' ACOUSTICAL TILES ADHERED TO IT). 47 REMOVE GYPSUM BOARD/PLASTER CEILING IN ITS ENTIRETY. 5 | REMOVE DOOR, FRAME AND HARDWARE IN ITS ENTIRETY. 48 REMOVE CANOPY AND COLUMNS IN ITS ENTIRETY. 49 REMOVE CONCRETE VOID SLAB WHERE NO NEW VOID SLAB IS REQUIRED, REMOVE FOOTING AS REQUIRED FOR NEW CONSTRUCTION. 50 REMOVE CMU FACE BRICK BELOW SIDELIGHT AND REMOVE FACE BRICK ABOVE DOOR AND SIDELIGHT AS REQUIRED FOR NEW CONSTRUCTION. 51 FOUR (4) 3'-0" UPPER WALL CABINETS TO REMAIN. 52 REMOVE THIN SET TERRAZZO FLOOR. 53 REMOVE BOTTLE FILLER AND SALVAGE FOR INSTALLATION IN NEW ' CONSTRUCTION. 54 REMOVE EXISTING COLUMN AS REQUIRED FOR NEW CONSTRUCTION. ─ REFER STRUCTURAL FOR SUPPORT OF REMAINING STRUCTURE. 55 REMOVE MASONRY WALL ABOVE. |56| REMOVE TECHNOLOGY CABINET. REFER TO TECHNOLOGY DRAWINGS. 57 REMOVE MASONRY/CONCRETE TUNNEL IN ITS ENTIRETY AS REQUIRED FOR NEW CONSTRUCTION. |58| REMOVE WALLPAPER FRIEZE. PREPARE WALL FOR NEW FINISHES. 59 REMOVE EXISTING LOUVER. 60 REMOVE GYPSUM BOARD AND FURRING CHANNELS FROM FLOOR TO 4" ABOVE CEILING. 31 REMOVE EXISTING SAFETY CUSHION WAINSCOTING

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

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

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

W. WHERE APPLICABLE SALVAGE EXISTING MASONRY (FACE BRICK) AS REQUIRED FOR PATCHING AND INFILL IN RENOVATED AREAS WHERE INDICATED. DISCARD

DEMOLITION NOTES:

WALLS, STEEL FRAMING, CONCRETE SLAB ON GRADE, ROOFING, CONCRETE FOOTINGS, AND FOUNDATION WALLS AS REQUIRED FOR NEW CONSTRUCTION. 2 REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS

TO ACCEPT NEW FINISHES. 3 REMOVE MASONRY WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH

AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW \mid 4 \mid REMOVE PORTION OF MASONRY WALL AS REQUIRED TO INSTALL NEW DOOR.

6 REMOVE DOOR AND HARDWARE, EXISTING FRAME TO REMAIN. REMOVE STOREFRONT FRAMING, DOORS AND HARDWARE IN ITS ENTIRETY. B | REMOVE ALUMINUM WINDOW IN ITS ENTIRETY.

9 REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY. 10 REMOVE PLUMBING FIXTURE COMPLETE. REFER TO PLUMBING DRAWINGS. WHERE PIPING IS REQUIRED TO BE CAPPED, CAP BELOW AND/OR BEHIND

FINISHED SURFACE. 111 REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER. 12 REMOVE CONCRETE FLOOR SLAB IN ITS ENTIRETY.

13 REMOVE FACE BRICK AS REQUIRED FOR NEW CONSTRUCTION. 14 REMOVE VINYL FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.

15 REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES (AT DRINKING FOUNTAIN/BOTTLE FILLER RECESSES, REMOVE CERAMIC WALL TILE ALONG WITH FLOOR TILE).

16 REMOVE CARPET FLOORING SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR ☐ NEW FINISHES.

17 REMOVE TOILET PARTITIONS IN THEIR ENTIRETY. 18 REMOVE METAL LOCKERS. REMOVE CONCRETE BASE AS REQUIRED FOR $^{\mathsf{T}}$ NEW CONSTRUCTION.

19 REMOVE CORNER GUARDS. 20 EXISTING STEEL COLUMN TO REMAIN.

21 REMOVE MASONRY FLUE IN ITS ENTIRETY. 2 REMOVE CASHIER STAND IN ITS ENTIRETY. TURN OVER TO OWNER.

REMOVE WALK-IN FREEZER/COOLER IN ITS ENTIRETY. 24 REMOVE STEEL CORNER GUARDS. TURN OVER TO OWNER. 5 REMOVE ROLLING GRILLE IN ITS ENTIRETY.

6 REMOVE OVERHEAD DOOR IN ITS ENTIRETY. 27 REMOVE KILN AND SALVAGE FOR REINSTALLATION.

28 REMOVE BASKETBALL GOAL AND SUPPORT STRUCTURE IN ITS ENTIRET 29 ROOF HATCH IN ROOF TO REMAIN. 30 REMOVE EXISTING BLEACHERS IN THEIR ENTIRETY.

32 REMOVE 1/2"-5/8" HOMASOTE/GYPSUM BOARD AND WALL COVERING ANCHORED OR ADHERED TO WALLS FROM 4" ABOVE FLOOR TO ABOVE

CLASSROOM

GENERAL DEMOLITION NOTES

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G-SERIES SHEETS. . UNLESS NOTED OTHERWISE ON THIS SHEET, THE GENERAL CONTRACTOR IS RESPONSIBLE FOR ALL DEMOLITION AND REMOVAL WORK INDICATED ON THIS
- . CONTRACTORS ENCOUNTERING EXISTING MATERIAL WHICH IS SUSPECTED OF
- CONTAINING ASBESTOS SHALL STOP WORK IMMEDIATELY AND NOTIFY THE OWNER AND THE OWNERS REPRESENTATIVE. 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.
- 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.
- . EACH CONTRACTOR SHALL BE RESPONSIBLE FOR OFF SITE REMOVAL OF ALL DEMOLITION MATERIALS AND/OR ITEMS UNLESS NOTED OTHERWISE OR
- DIRECTED BY THE OWNER. . 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 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. 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. 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

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

O. OVER CUT NEW OPENINGS IN EXISTING WALL AS REQUIRED FOR NEW CONSTRUCTION. PATCH AND REPAIR WALLS AS REQUIRED TO MATCH EXISTING. WHERE APPLICABLE, TOOTH NEW MASONRY INTO EXISTING MASONRY. P. ALL EQUIPMENT AND FURNITURE WHICH ARE CONSIDERED LOOSE FURNISHING

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

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

9 16

CLASSROOM

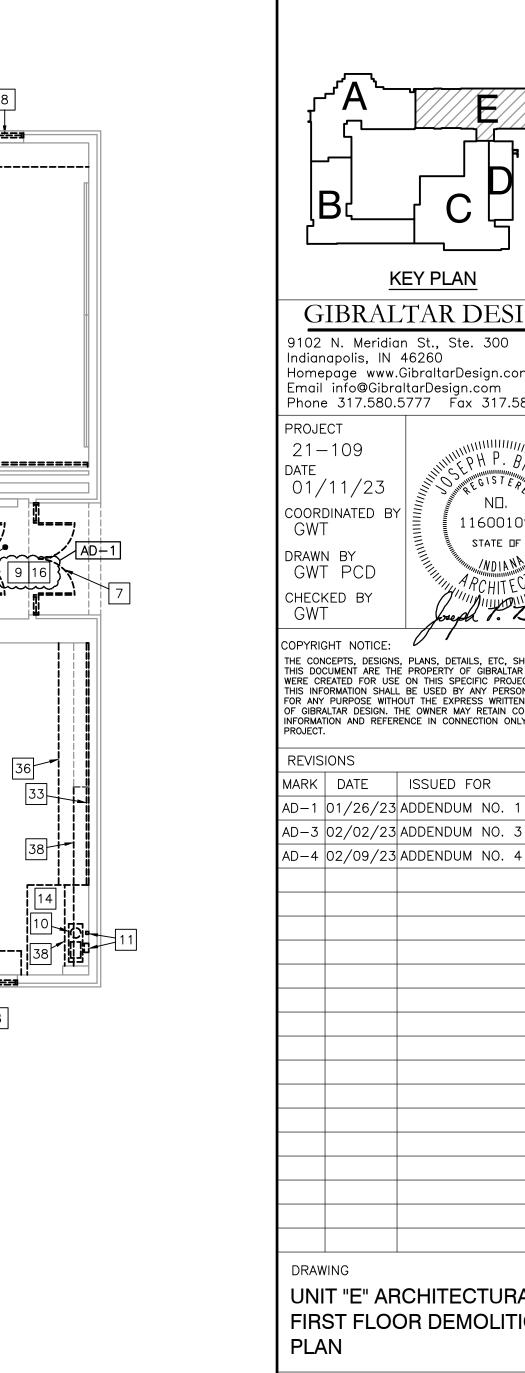
S. THE OWNER SHALL RESERVE THE RIGHT TO CLAIM ANY MATERIALS THAT ARE BEING DEMOLISHED PRIOR TO THE CONTRACTOR DISPOSING OF THEM OFF

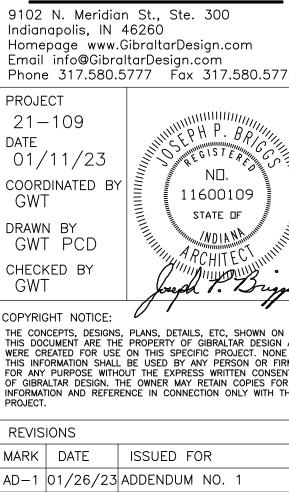


DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

ROBINSON SCHOOL ADDITIONS, AND RELATED

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA





KEY PLAN

GIBRALTAR DESIGN

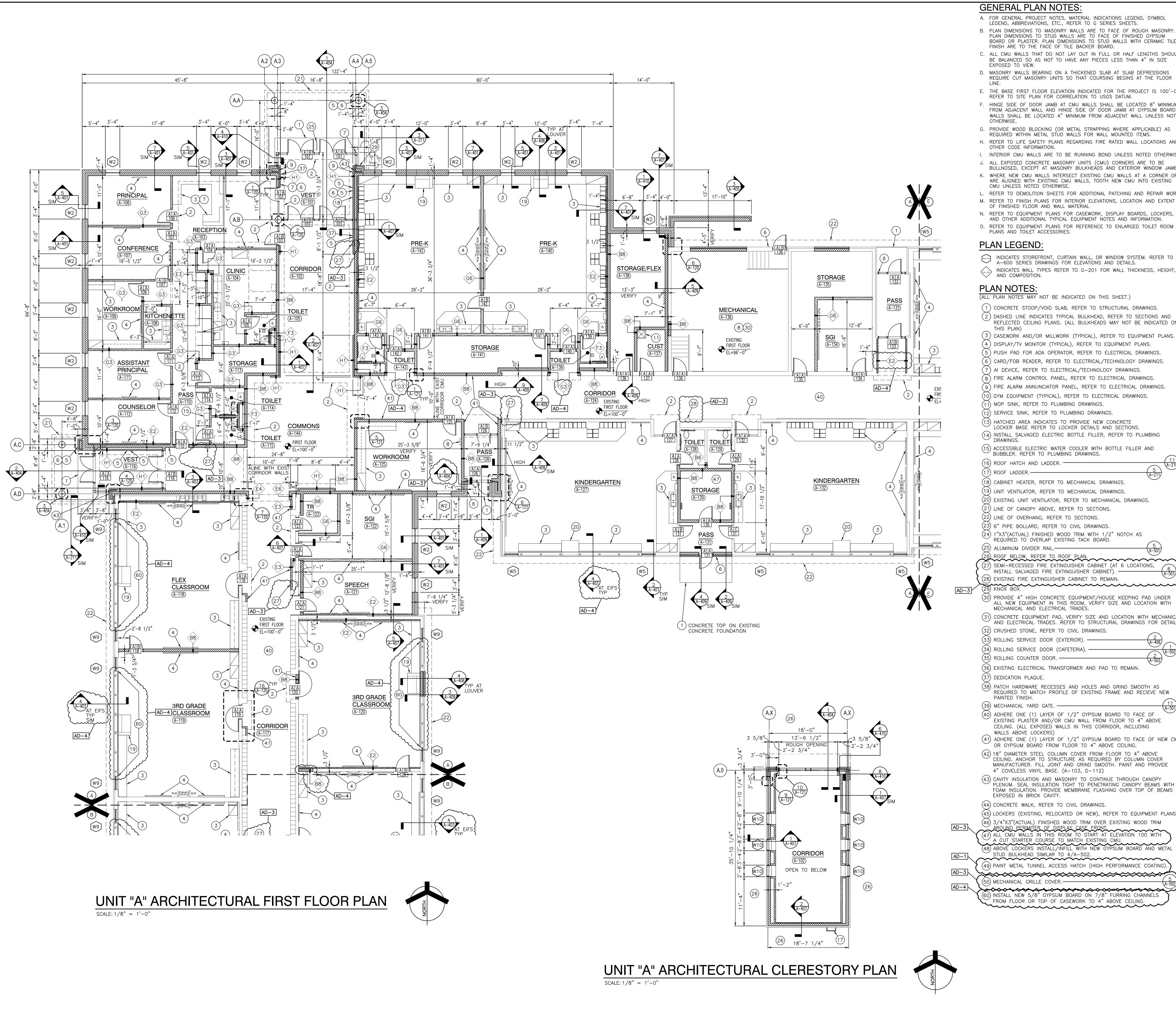
SCHOOL ADDITIONS, RENOVATIONS

AD104

AND RELATED WORK

CLASSROOM





GENERAL PLAN NOTES:

- A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS. B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY. PLAN DIMENSIONS TO STUD WALLS ARE TO FACE OF FINISHED GYPSUM
- BOARD OR PLASTER. PLAN DIMENSIONS TO STUD WALLS WITH CERAMIC TILE FINISH ARE TO THE FACE OF TILE BACKER BOARD. C. ALL CMU WALLS THAT DO NOT LAY OUT IN FULL OR HALF LENGTHS SHOULD BE BALANCED SO AS NOT TO HAVE ANY PIECES LESS THAN 4" IN SIZE
- D. MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR
- 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 NOT
- G. PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS. H. REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND
- OTHER CODE INFORMATION. I. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE. PROJECT 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 OF ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING CMU UNLESS NOTED OTHERWISE.
- OF FINISHED FLOOR AND WALL MATERIAL N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER 1 A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS. INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION. AND COMPOSITION.

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

2) DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS. (ALL BULKHEADS MAY NOT BE INDICATED ON (3) CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS.

(4) DISPLAY/TV MONITOR (TYPICAL), REFER TO EQUIPMENT PLANS. 5) PUSH PAD FOR ADA OPERATOR, REFER TO ELECTRICAL DRAWINGS. 6) CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.

8) FIRE ALARM CONTROL PANEL, REFER TO ELECTRICAL DRAWINGS. 9) FIRE ALARM ANNUNCIATOR PANEL, REFER TO ELECTRICAL DRAWINGS. (10) GYM EQUIPMENT (TYPICAL), REFER TO ELECTRICAL DRAWINGS.

12) SERVICE SINK, REFER TO PLUMBING DRAWINGS. (13) HATCHED AREA INDICATES TO PROVIDE NEW CONCRETE LOCKER BASE REFER TO LOCKER DETAILS AND SECTIONS.

(15) ACCESSIBLE ELECTRIC WATER COOLER WITH BOTTLE FILLER AND BUBBLER. REFER TO PLUMBING DRAWINGS.

(16) roof hatch and ladder. $-\!-\!-$ 7) ROOF LADDER. —— (18) CABINET HEATER, REFER TO MECHANICAL DRAWINGS.

19) UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS. (20) EXISTING UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS. 21) LINE OF CANOPY ABOVE, REFER TO SECTIONS. (22) LINE OF OVERHANG, REFER TO SECTIONS.

(23) 6" PIPE BOLLARD, REFER TO CIVIL DRAWINGS. (24) 1"X3"(ACTUAL) FINISHED WOOD TRIM WITH 1/2" NOTCH AS REQUIRED TO OVERLAP EXISTING TACK BOARD.

26) ROOF BELOW, REFER TO ROOF PLAN. 27) SEMI-RECESSED FIRE EXTINGUISHER CABINET (AT 6 LOCATIONS, INSTALL SALVAGED FIRE EXTINGUISHER CABINET). — 28) EXISTING FIRE EXTINGUISHER CABINET TO REMAIN Email info@GibraltarDesign.com

0) PROVIDE 4" HIGH CONCRETE EQUIPMENT/HOUSE KEEPING PAD UNDER ALL NEW EQUIPMENT IN THIS ROOM, VERIFY SIZE AND LOCATION WITH

MECHANICAL AND ELECTRICAL TRADES. (31) CONCRETE EQUIPMENT PAD, VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS. (32) CRUSHED STONE, REFER TO CIVIL DRAWINGS.

34) ROLLING SERVICE DOOR (CAFETERIA). —— (35) ROLLING COUNTER DOOR. ————

(36) EXISTING ELECTRICAL TRANSFORMER AND PAD TO REMAIN. (37) DEDICATION PLAQUE.

(38) PATCH HARDWARE RECESSES AND HOLES AND GRIND SMOOTH AS REQUIRED TO MATCH PROFILE OF EXISTING FRAME AND RECIEVE NEW 39) MECHANICAL YARD GATE. ————

EXISTING PLASTER AND/OR CMU WALL FROM FLOOR TO 4" ABOVE CEILING. (ALL EXPOSED WALLS IN THIS CORRIDOR, INCLUDING WALLS ABOVE LOCKERS) (41) ADHERE ONE (1) LAYER OF 1/2" GYPSUM BOARD TO FACE OF NEW CMU OR GYPSUM BOARD FROM FLOOR TO 4" ABOVE CEILING.

CEILING. ANCHOR TO STRUCTURE AS REQUIRED BY COLUMN COVER MANUFACTURER. FILL JOINT AND GRIND SMOOTH. PAINT AND PROVIDE 4" COVELESS VINYL BASE. (A-103, D-112) (43) CAVITY INSULATION AND MASONRY TO CONTINUE THROUGH CANOPY PLENUM. SEAL INSULATION TIGHT TO PENETRATING CANOPY BEAMS WITH

FOAM INSULATION. PROVIDE MEMBRANE FLASHING OVER TOP OF BEAMS EXPOSED IN BRICK CAVITY. (44) CONCRETE WALK, REFER TO CIVIL DRAWINGS.

45) LOCKERS (EXISTING, RELOCATED OR NEW), REFER TO EQUIPMENT PLANS 6) 3/4"X3"(ACTUAL) FINISHED WOOD TRIM OVER EXISTING WOOD TRIM AROUND PERIMITER OF DISPLAY CASE FRONT.

A CUT STARTER COURSE TO MATCH EXISTING CMU.

(48) ABOVE LOCKERS INSTALL/INFILL WITH NEW GYPSUM BOARD AND METAL STUD BULKHEAD SIMILAR TO 4/A-502 AD-1 SIUU BULKHEAU SIMILAN IU T/A-302. (49) PAINT METAL TUNNEL ACCESS HATCH (HIGH PERFORMANCE COATING

> ~</u>^ FROM FLOOR OR TOP OF CASEWORK TO 4" ABOVE CEILING.

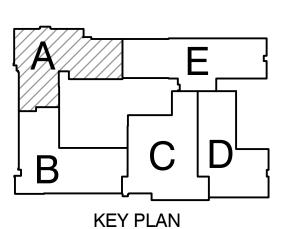
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CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

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hone 317.580.5	777 Fax 317.580.57
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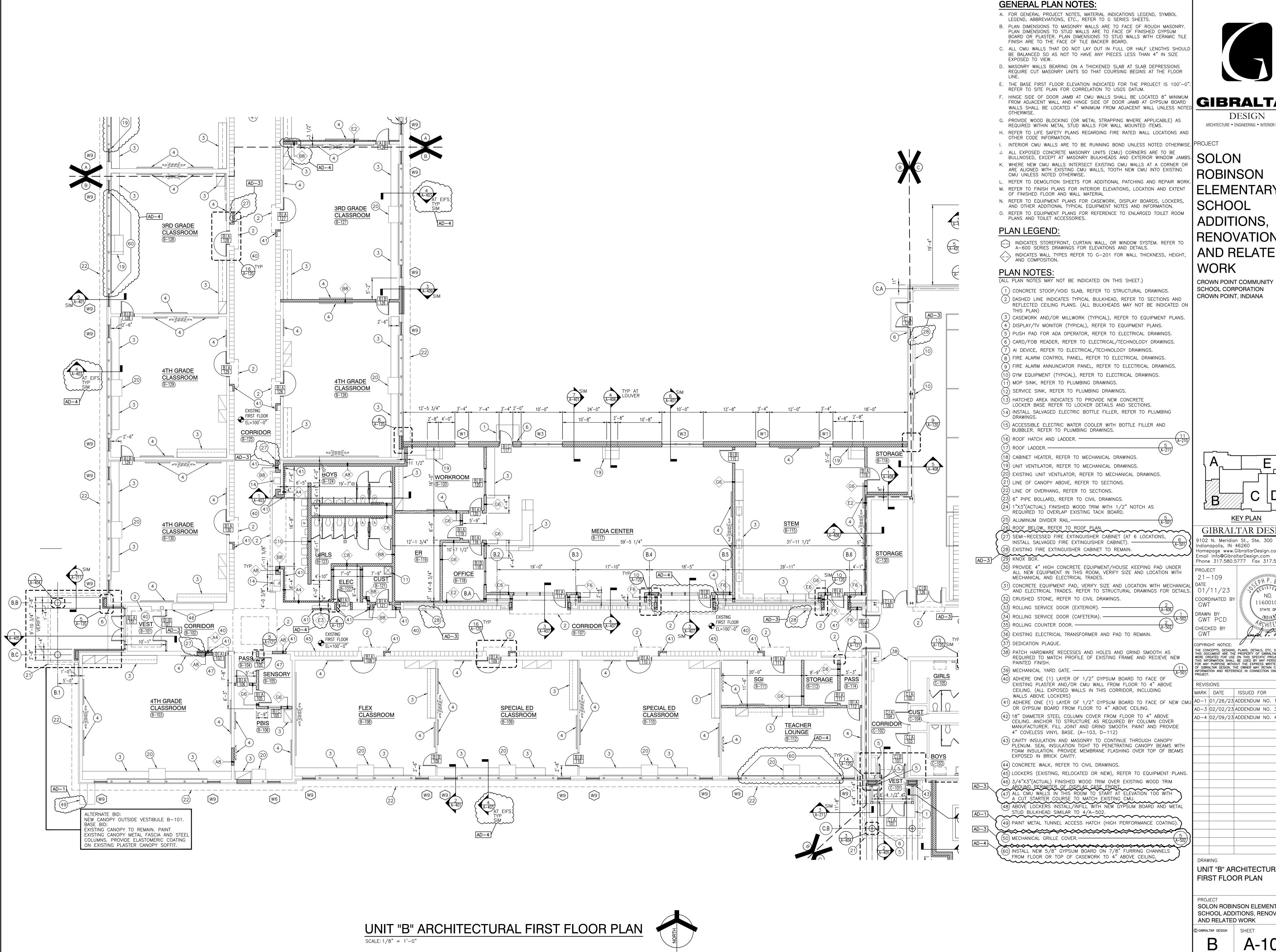
DRAWING UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN AND

CLERESTORY PLAN SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,

GIBRALTAR DESIGN SHEET

AND RELATED WORK

A-101



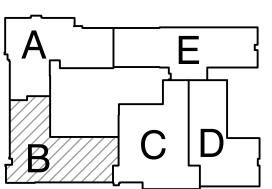
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KEY PLAN GIBRALTAR DESIGN

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45) LOCKERS (EXISTING, RELOCATED OR NEW), REFER TO EQUIPMENT PLANS. 46) 3/4"X3"(ACTUAL) FINISHED WOOD TRIM OVER EXISTING WOOD TRIM AROUND PERIMITER OF DISPLAY CASE FRONT. 47) ALL CMU WALLS IN THIS ROOM TO START AT ELEVATION 100 WITH

AD-1 SIUD BULKHEAD SIMILAN 10 T/A 302. (49) PAINT METAL TUNNEL ACCESS HATCH (HIGH PERFORMANCE COATING

)) INSTALL NEW 5/8" GYPSUM BOARD ON 7/8" FURRING CHANNELS FROM FLOOR OR TOP OF CASEWORK TO 4" ABOVE CEILING.

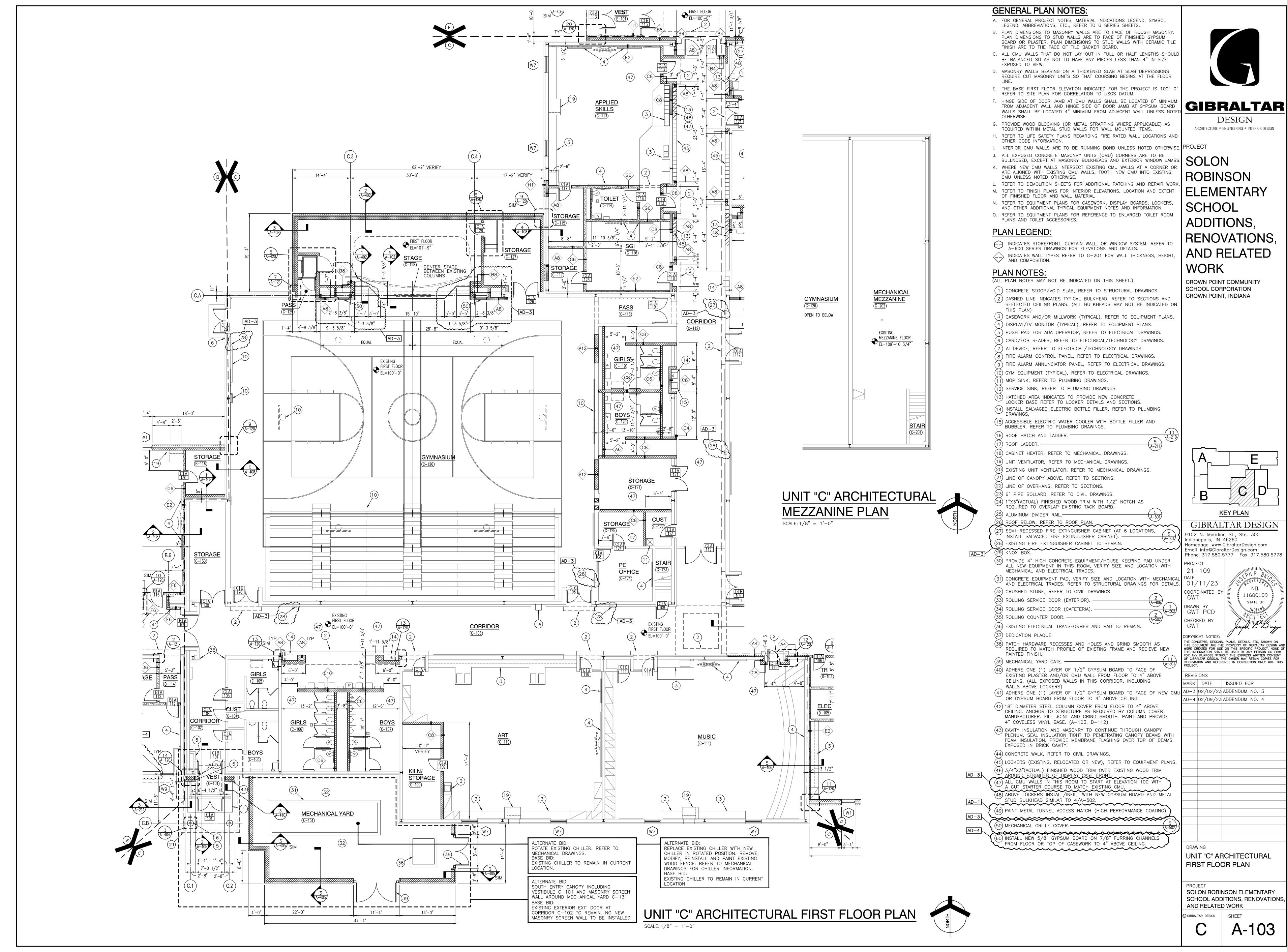
DRAWING

UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

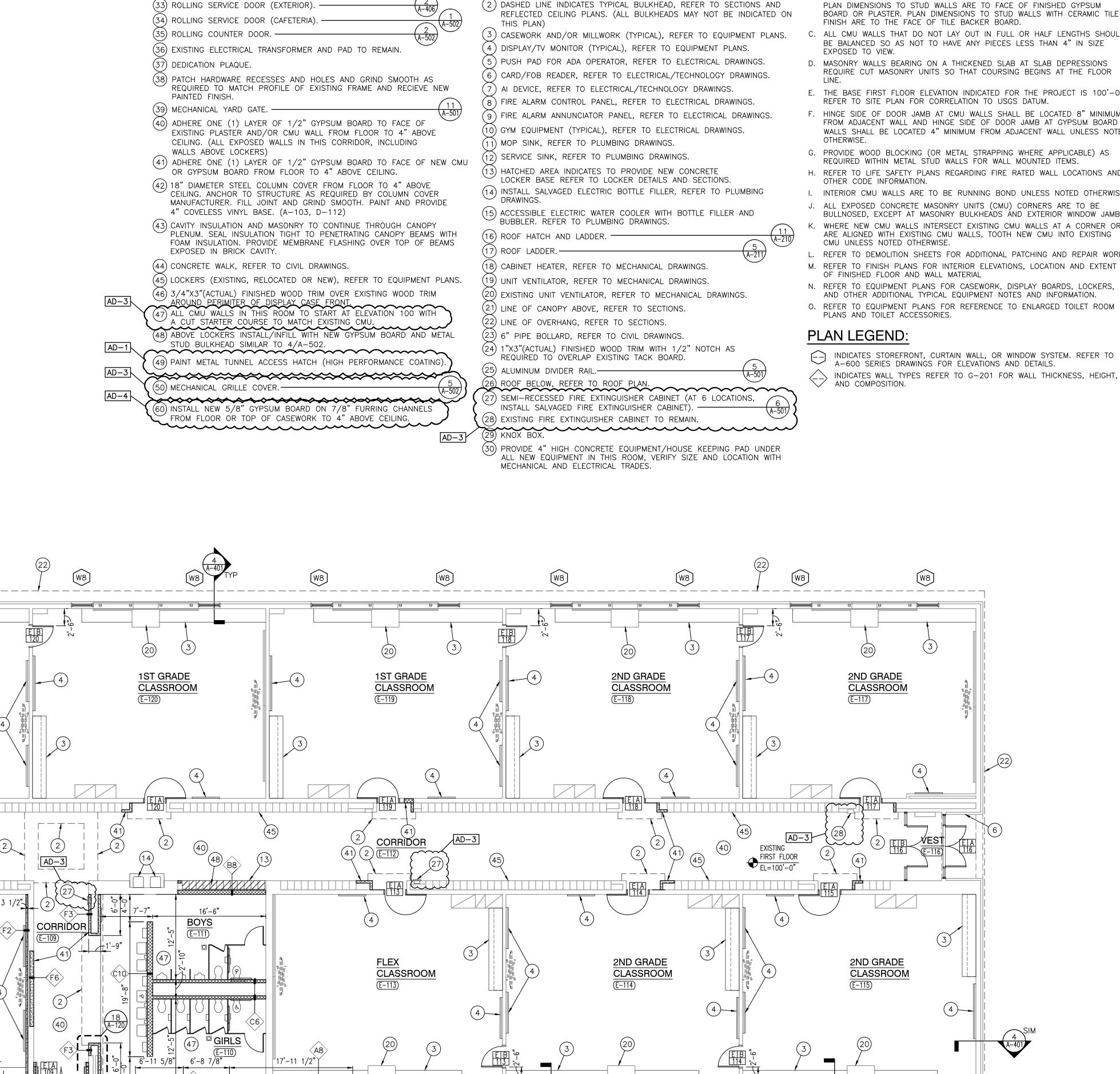
GIBRALTAR DESIGN SHEET В

A-102



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SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,



PLAN NOTES:

(1) CONCRETE STOOP/VOID SLAB, REFER TO STRUCTURAL DRAWINGS.

(31) CONCRETE EQUIPMENT PAD, VERIFY SIZE AND LOCATION WITH MECHANICAL

(32) CRUSHED STONE, REFER TO CIVIL DRAWINGS.

AND ELECTRICAL TRADES. REFER TO STRUCTURAL DRAWINGS FOR DETAILS.

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

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC., REFER TO G SERIES SHEETS. B. PLAN DIMENSIONS TO MASONRY WALLS ARE TO FACE OF ROUGH MASONRY.

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

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

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

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

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

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

L. REFER TO DEMOLITION SHEETS FOR ADDITIONAL PATCHING AND REPAIR WORK M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT 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

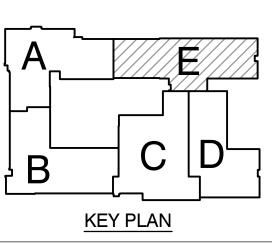
indicates storefront, curtain wall, or window system. Refer 1 A-600 series drawings for elevations and details. , INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGH

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ELEMENTARY ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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AD-1 | 01/26/23 | ADDENDUM NO. 1AD-3 |02/02/23| ADDENDUM NO. 3AD-4 02/09/23 ADDENDUM NO. 4

UNIT "E" ARCHITECTURAL FIRST FLOOR PLAN

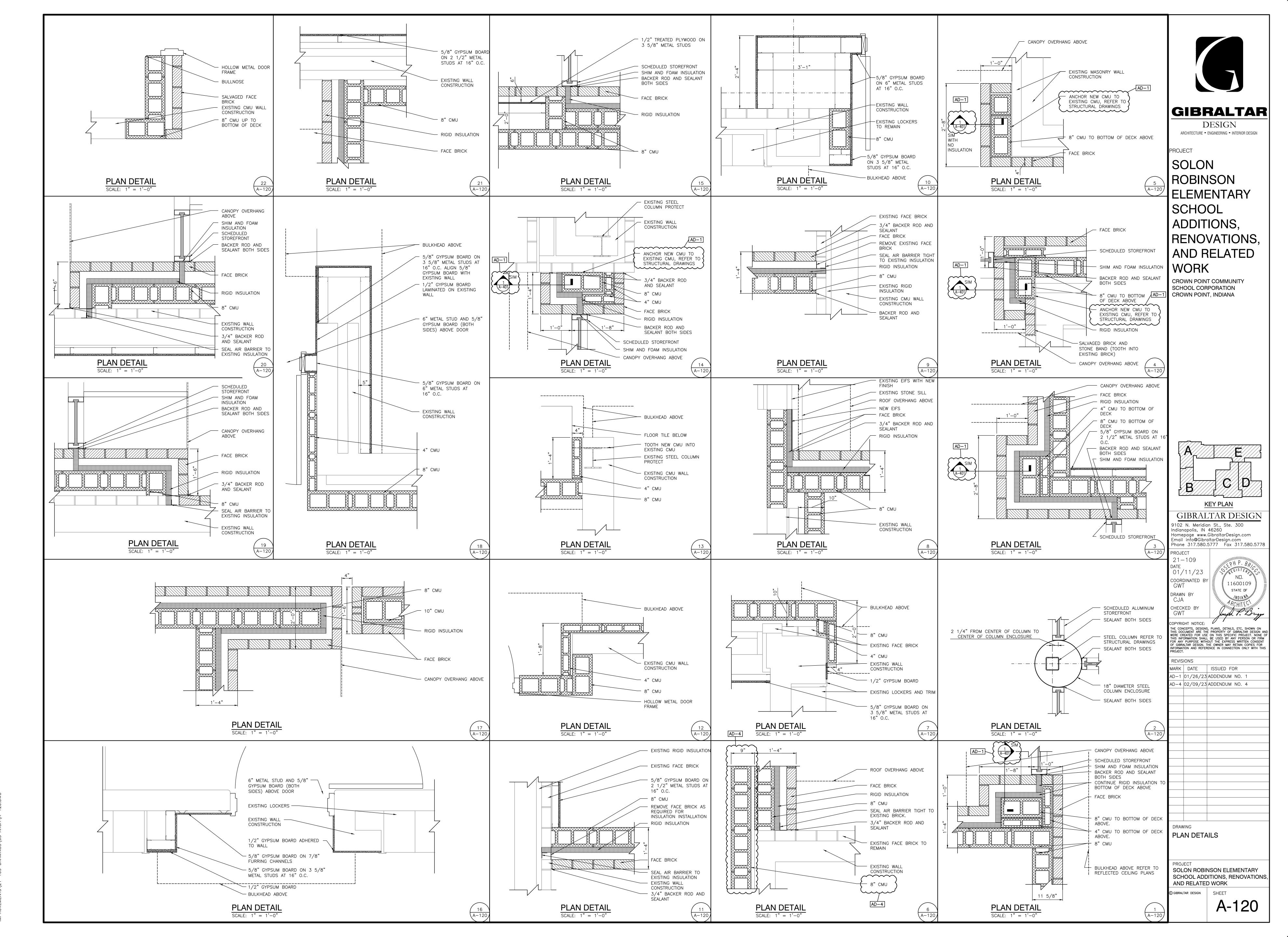
SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

A-105

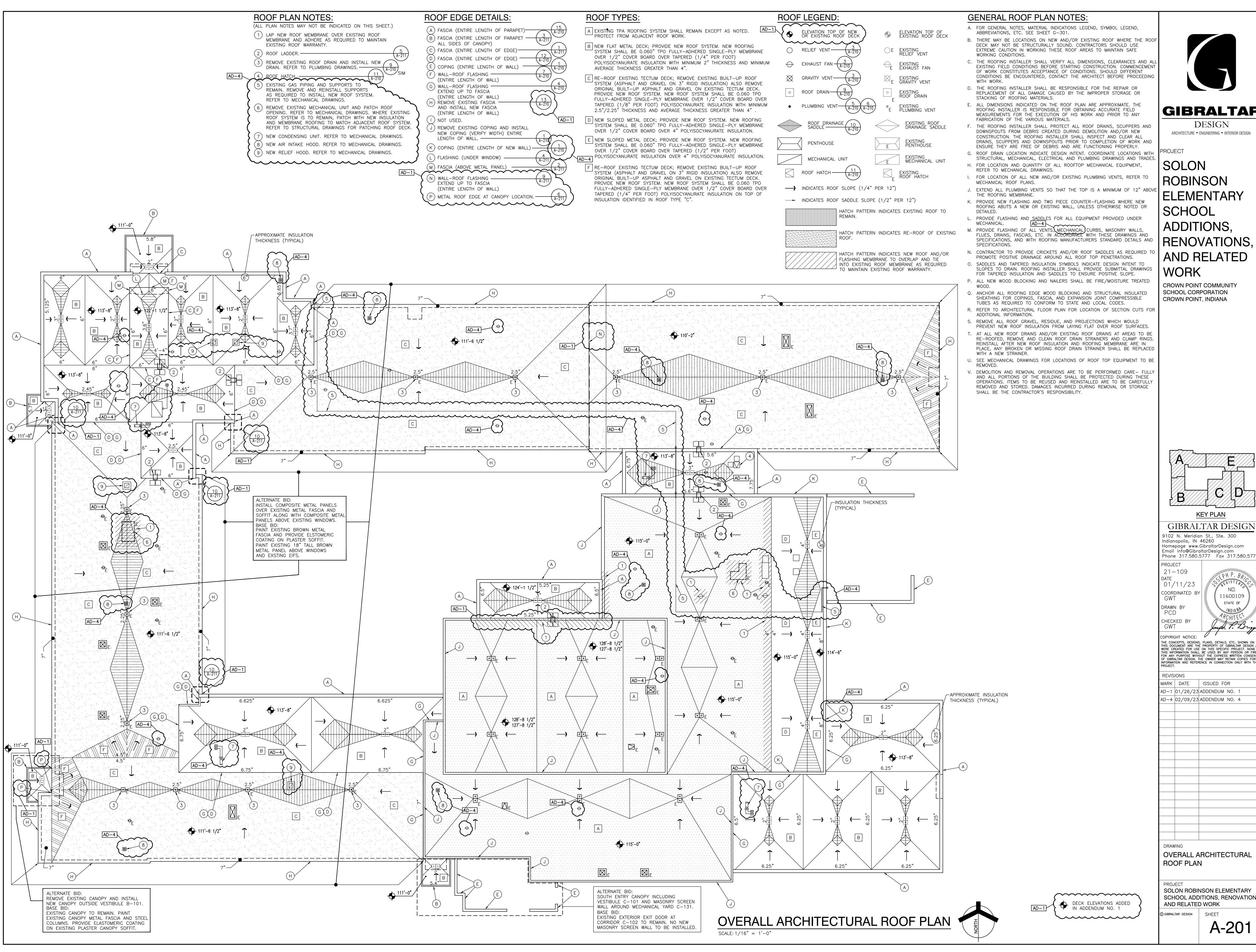
CLASSROOM

KINDERGARTEN

1) CONCRETE TOP ON EXISTING CONCRETE FOUNDATION



Thursday, 2/9/2023 — 11:56 AM — LAST SAVED BY:PDEGROTH Y:\21—109 CROWN POINT CSC — ROBINSON ES IMPROVEMENTS\21—109 DRAWINGS\05 ARCH\A—120.DWG



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SCHOOL RENOVATIONS. AND RELATED

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KEY PLAN

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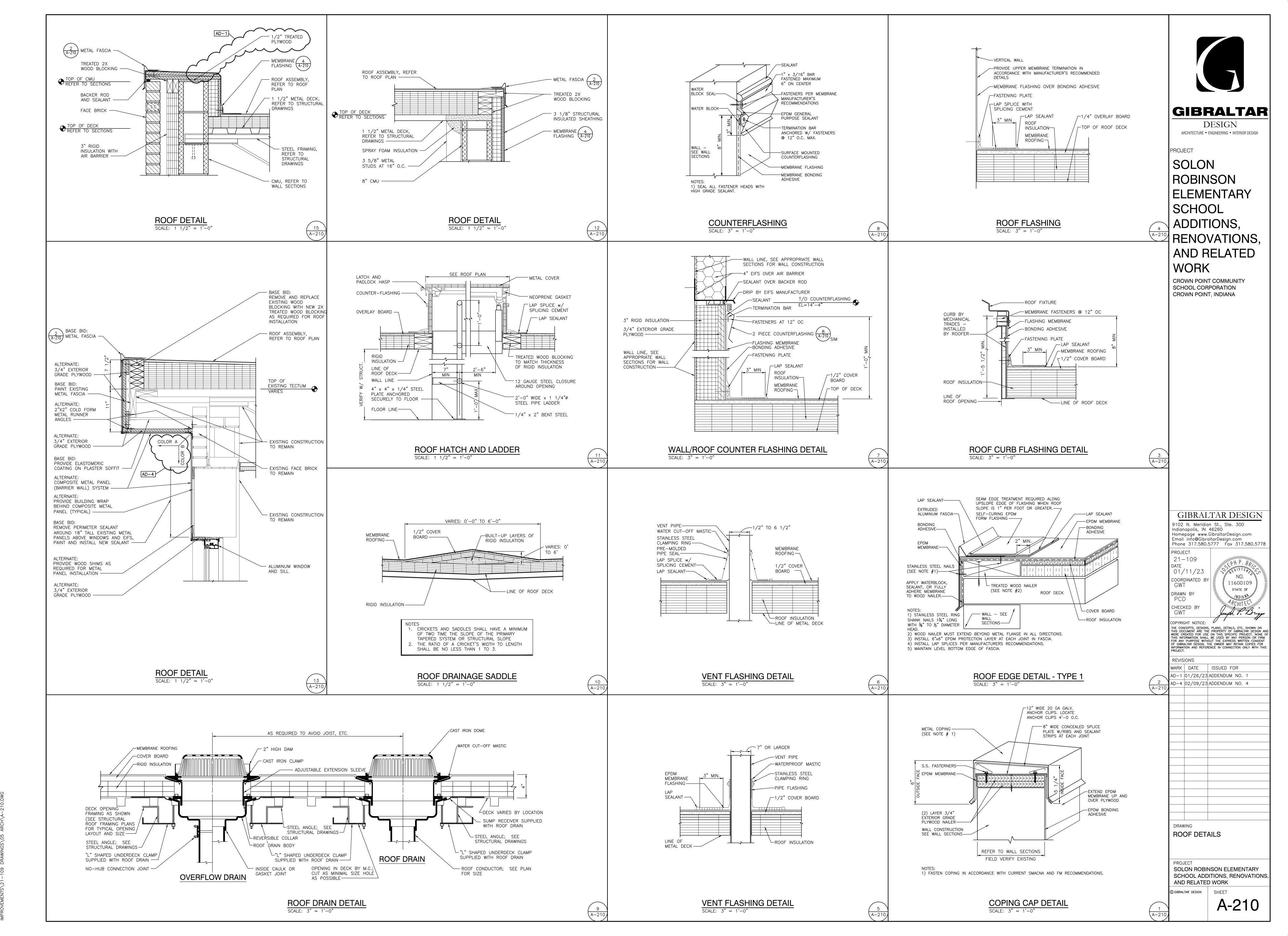
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OVERALL ARCHITECTURAL **ROOF PLAN**

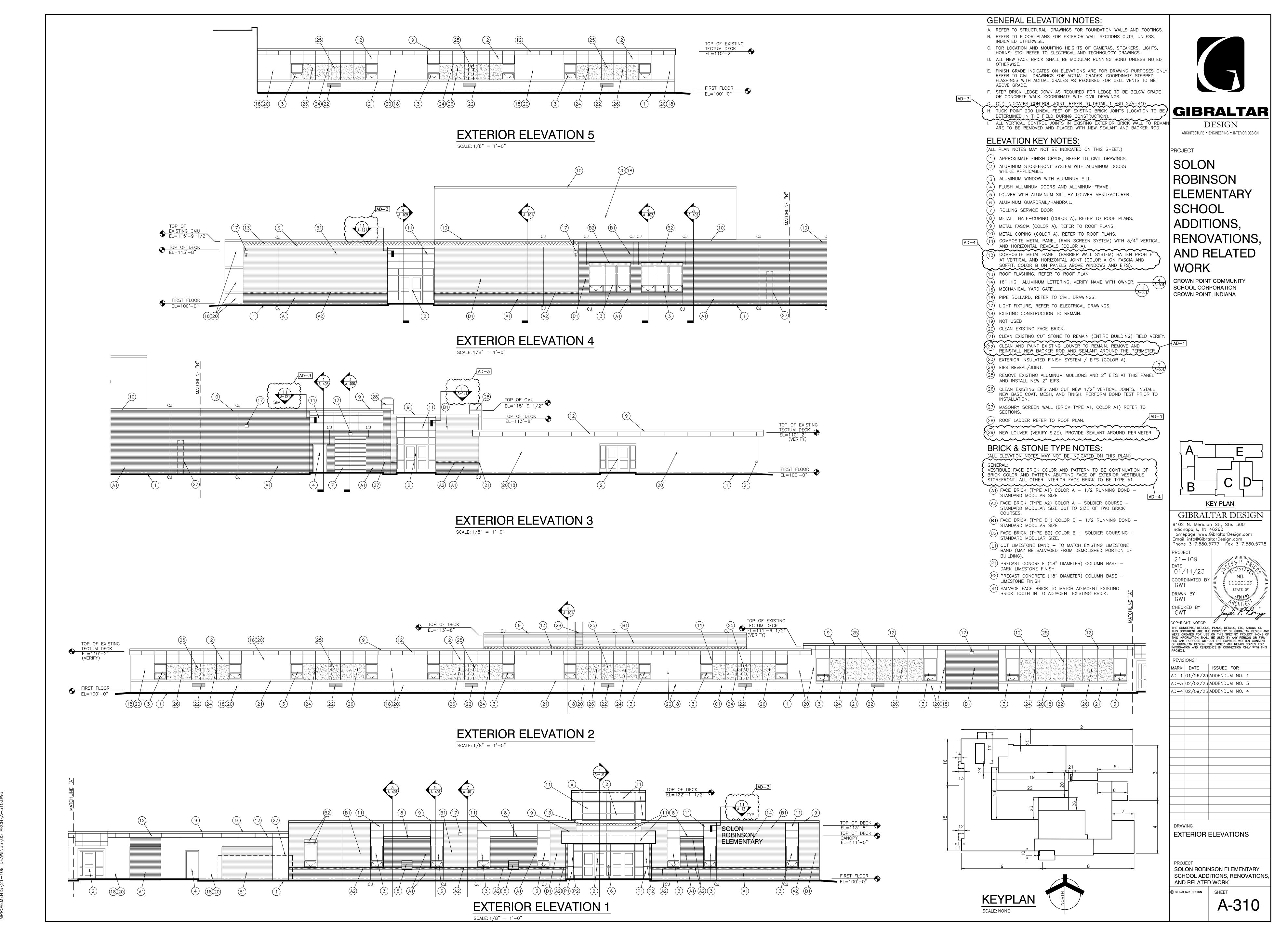
SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,

GIBRALTAR DESIGN SHEET

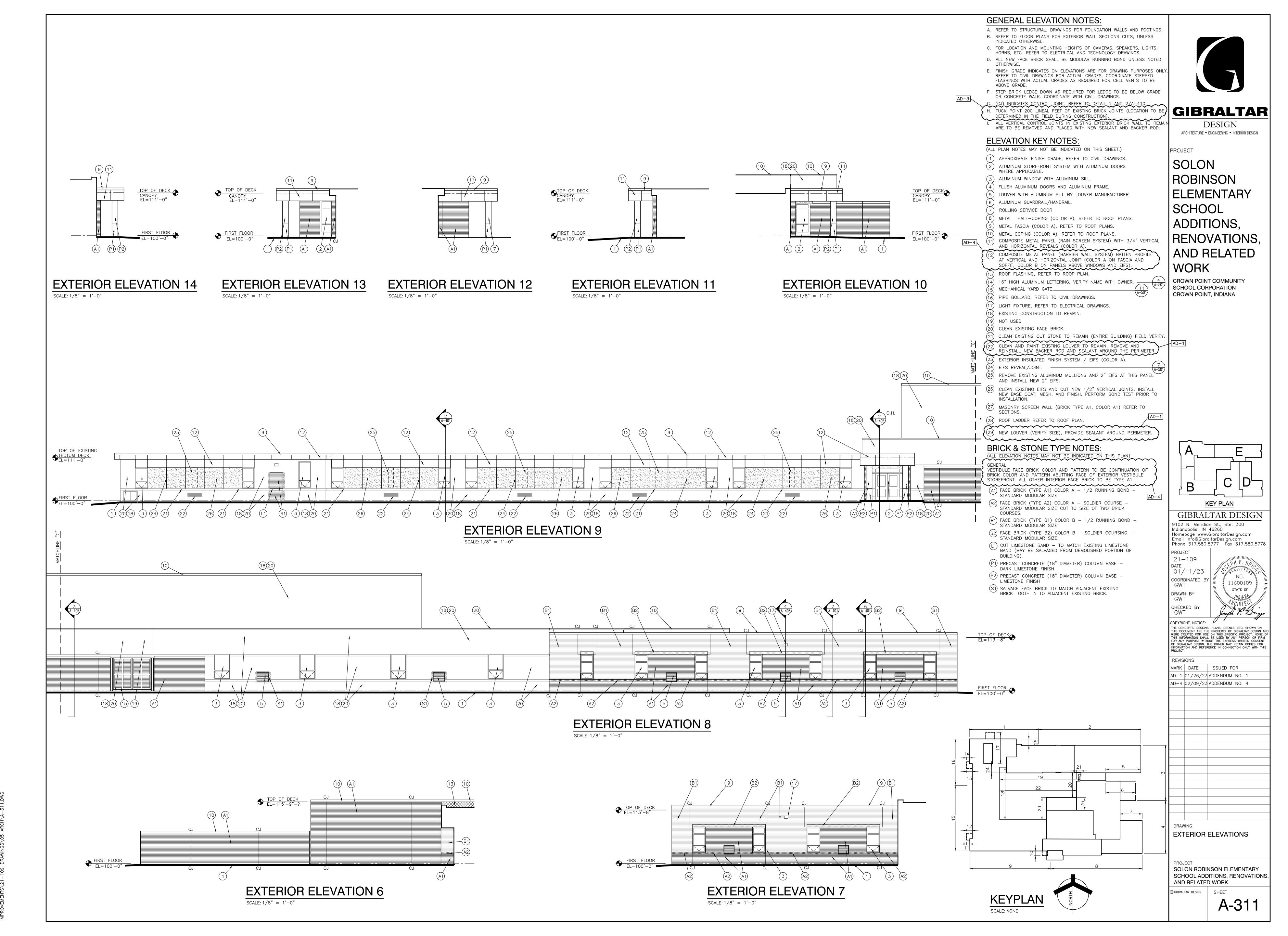
A-201

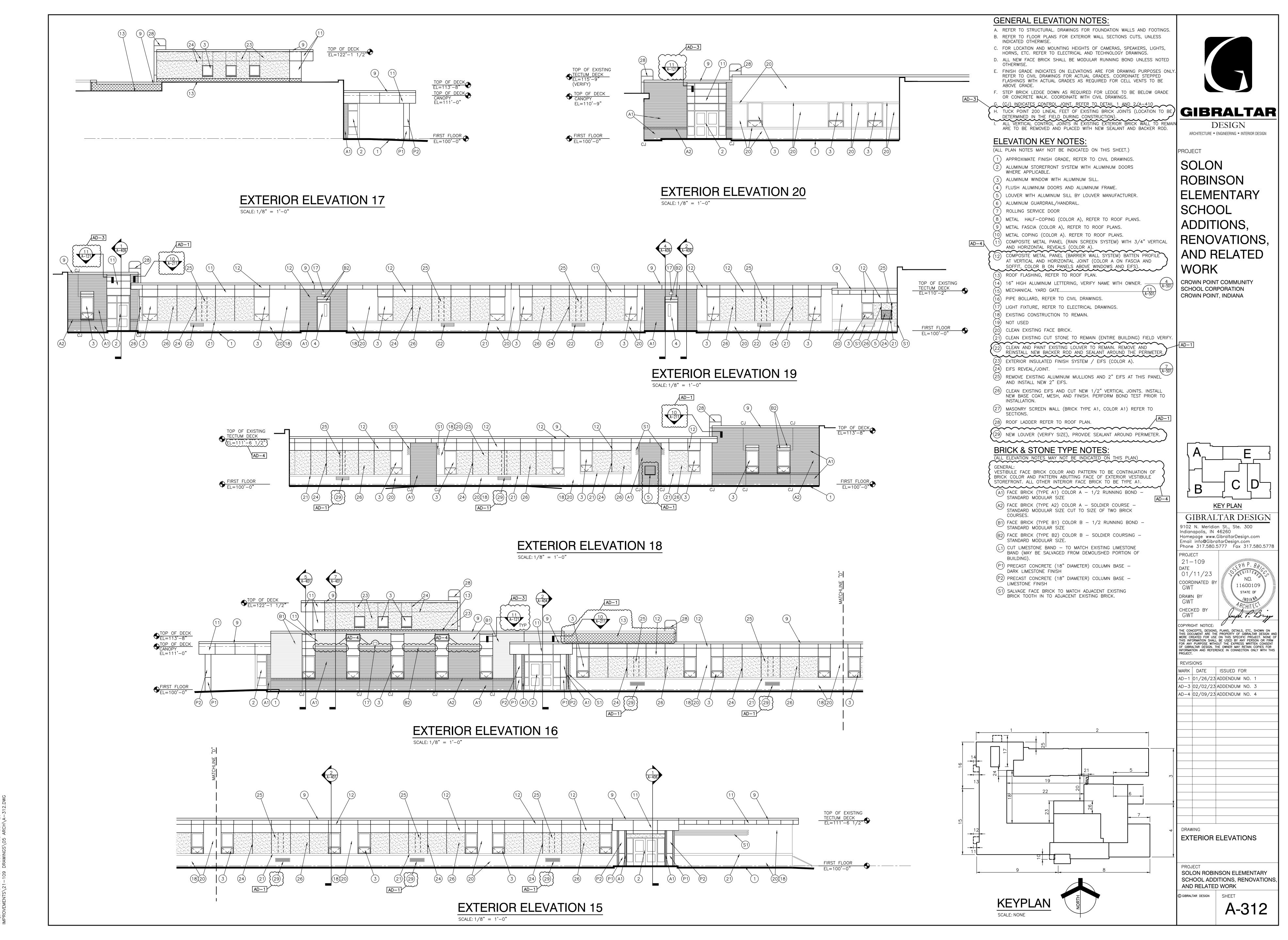


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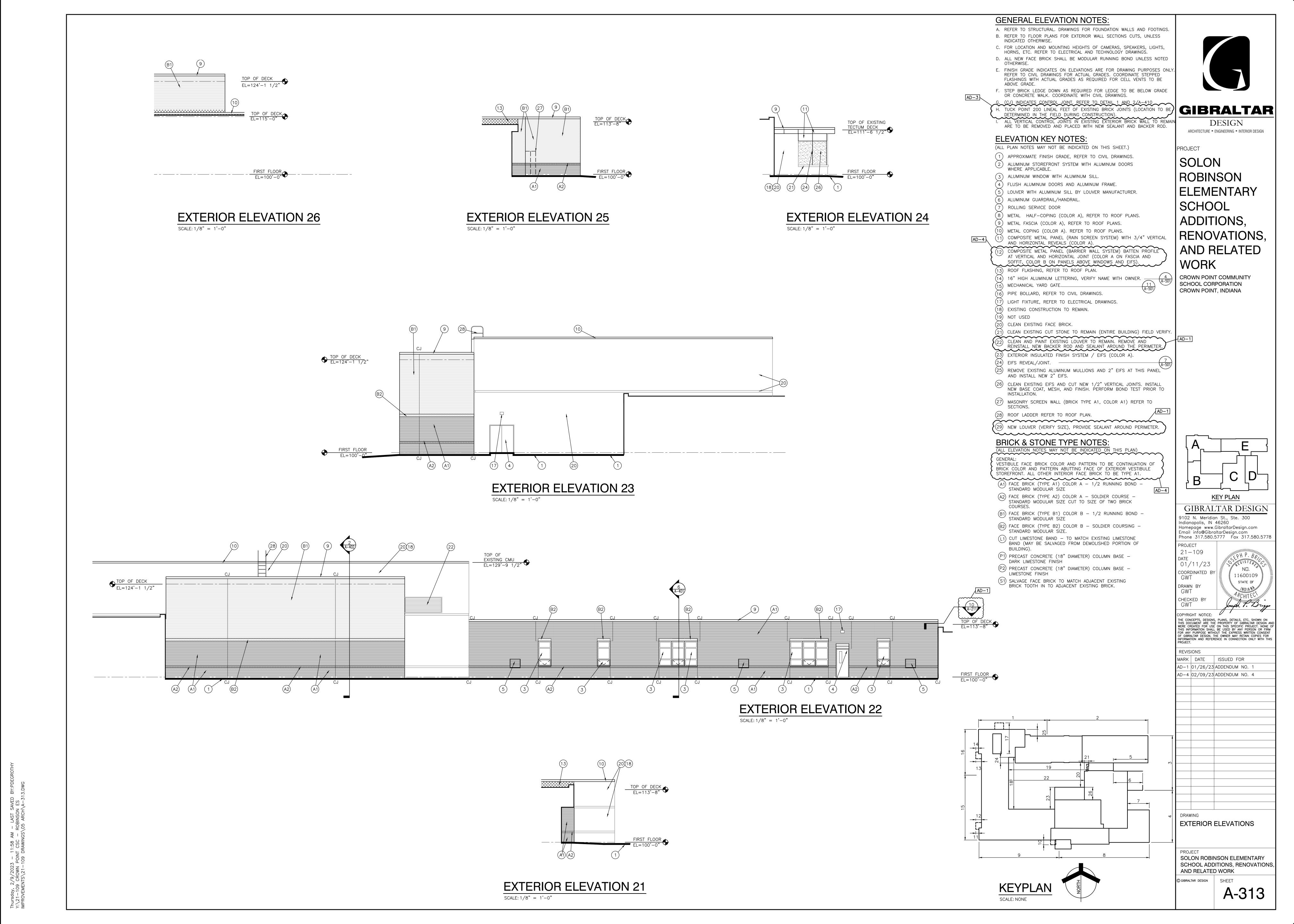


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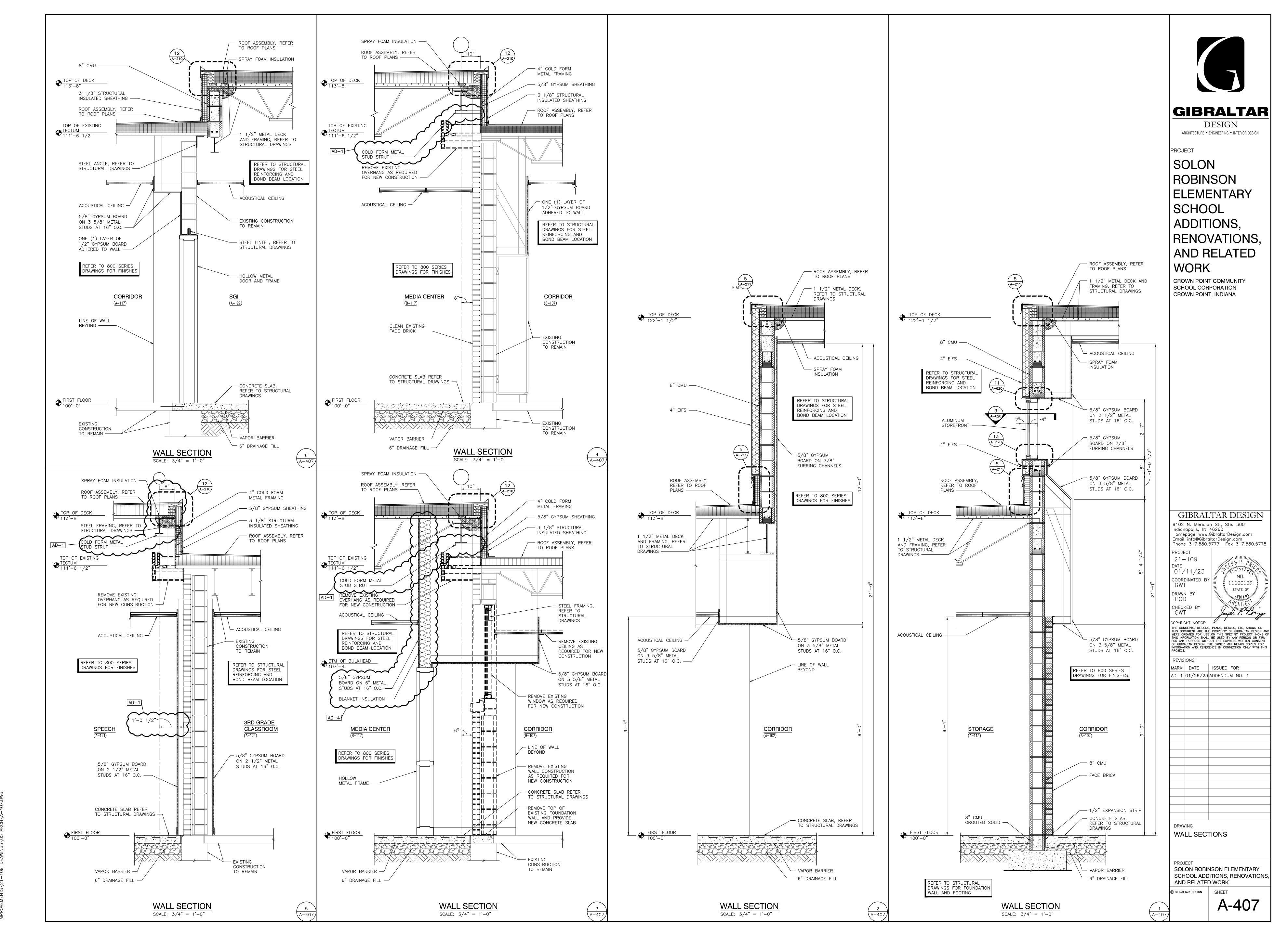




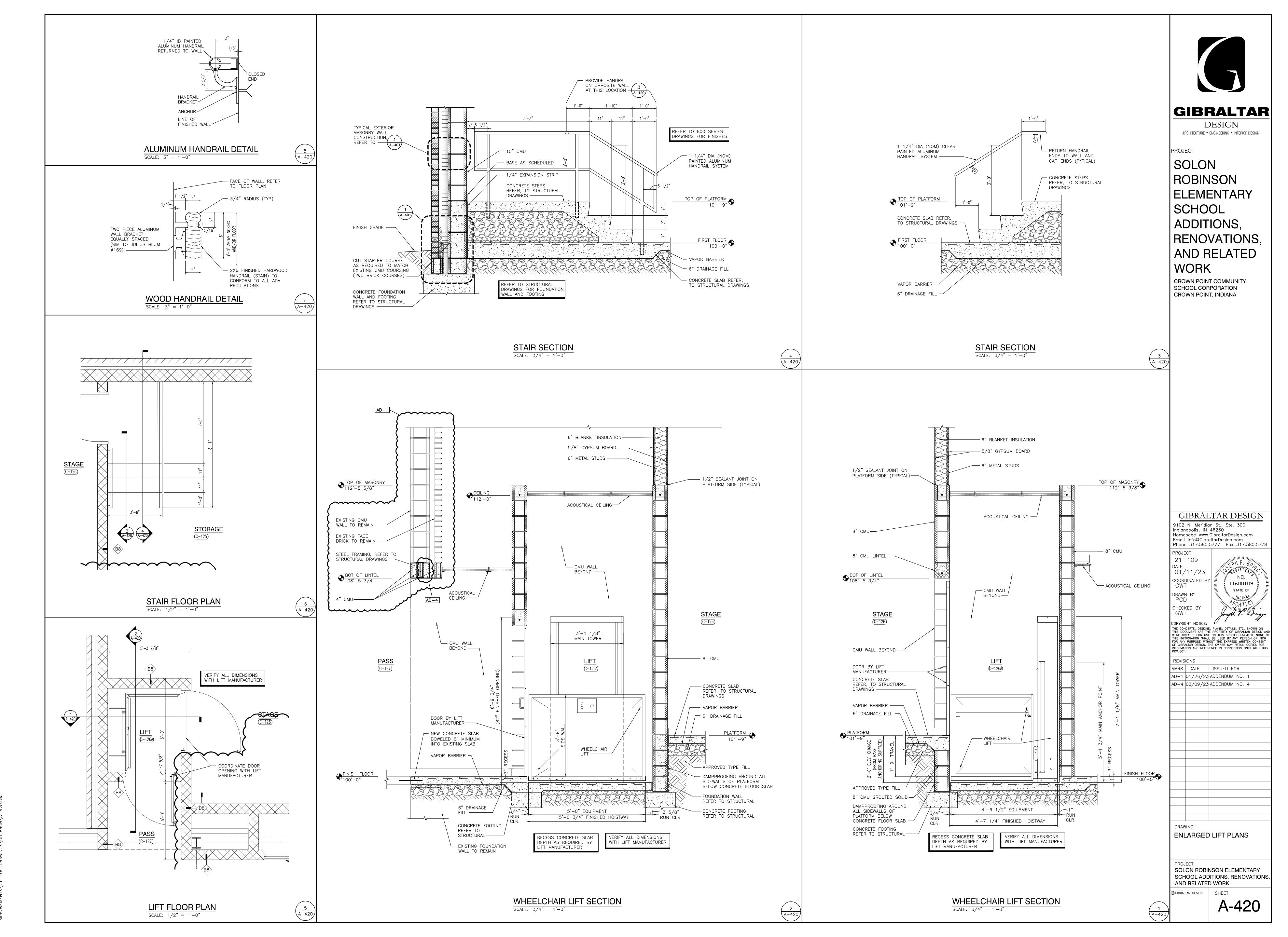
Thursday, 2/9/2023 — 11:58 AM — LAST SAVED BY:PDEGROTHY Y:\21—109 CROWN POINT CSC — ROBINSON ES



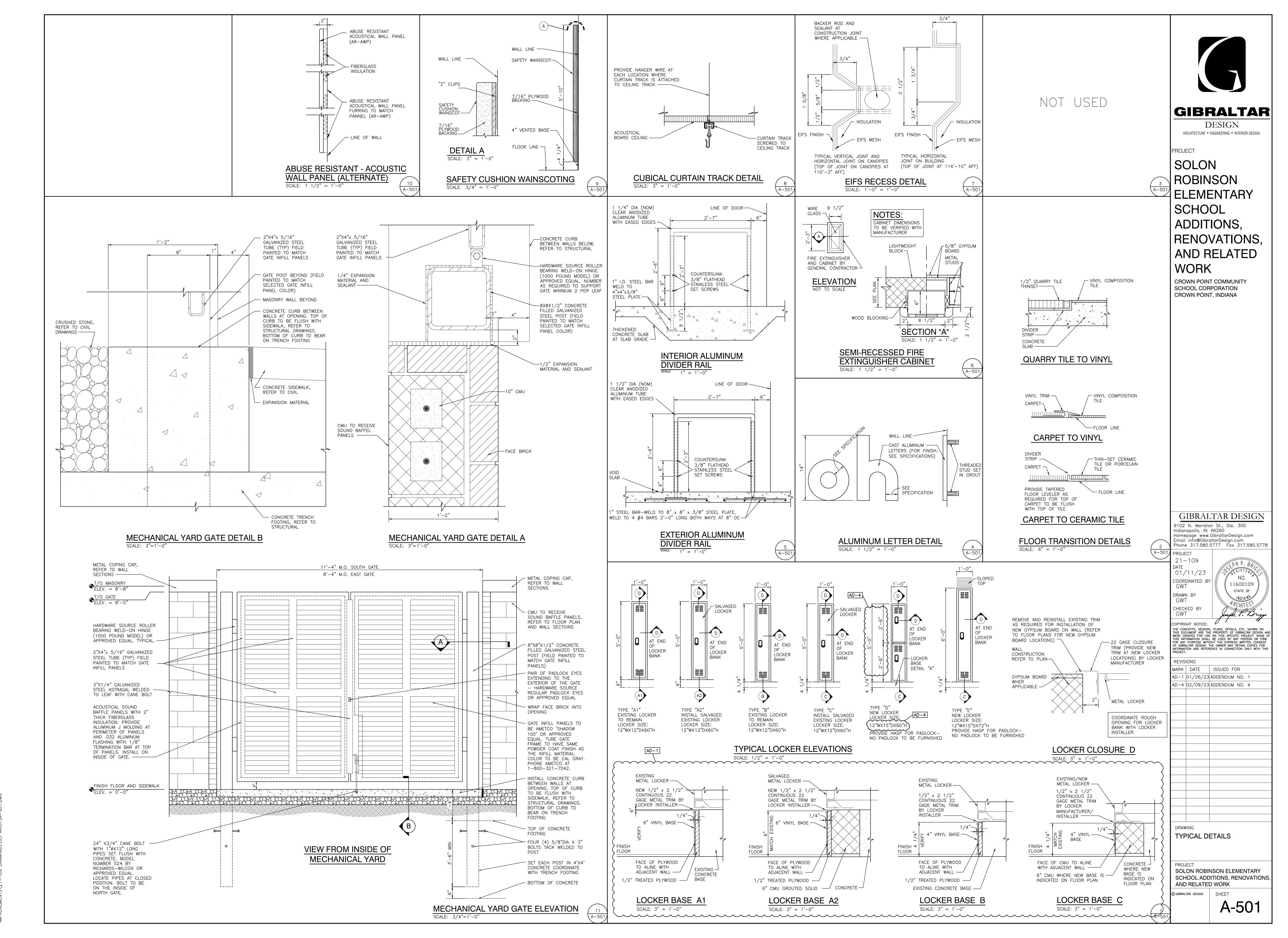
Thursday, 2/9/2023 — 11:58 AM — LAST SAVED BY:PDEGY:\21-109 CROWN POINT CSC — ROBINSON ES



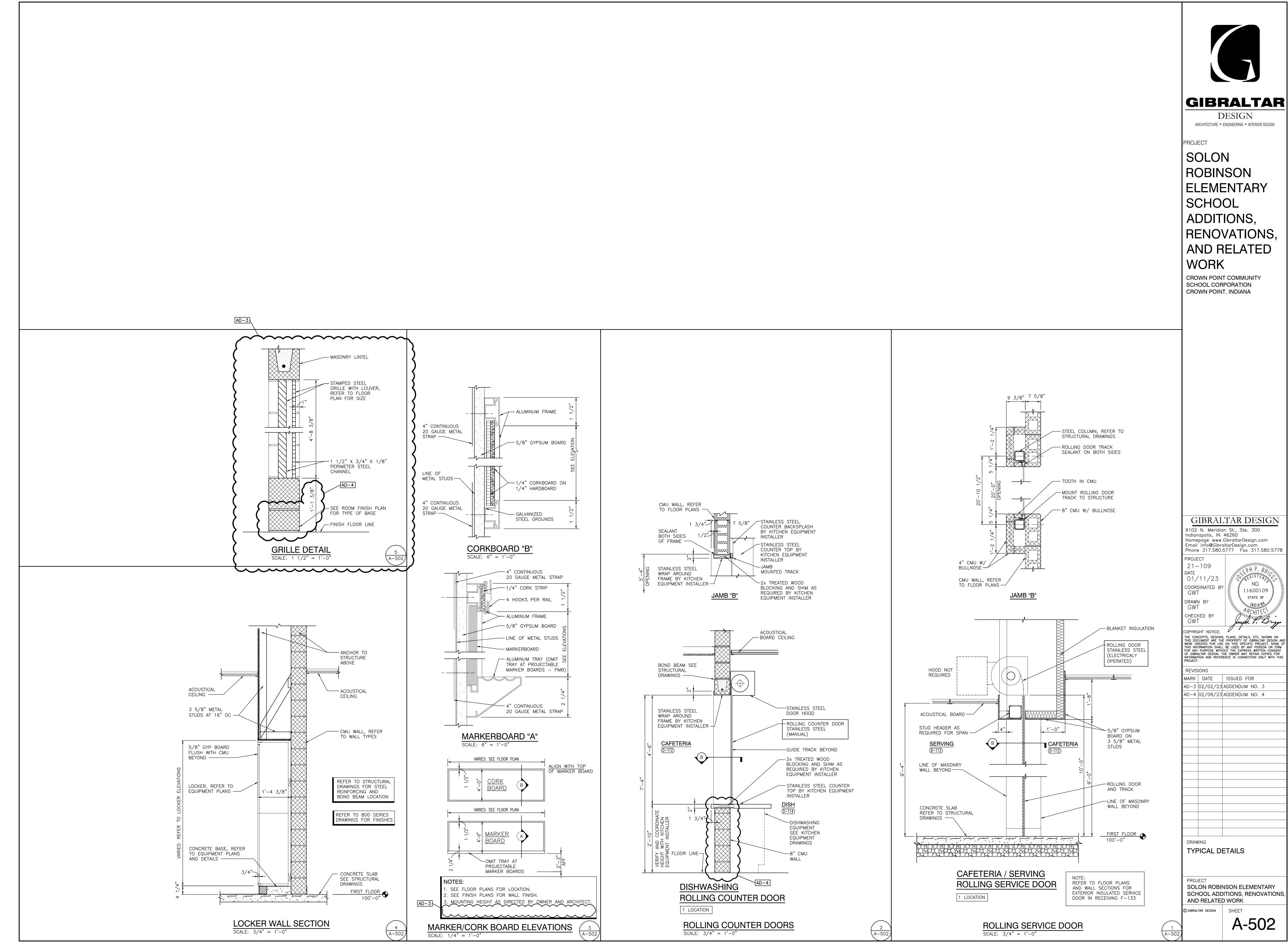
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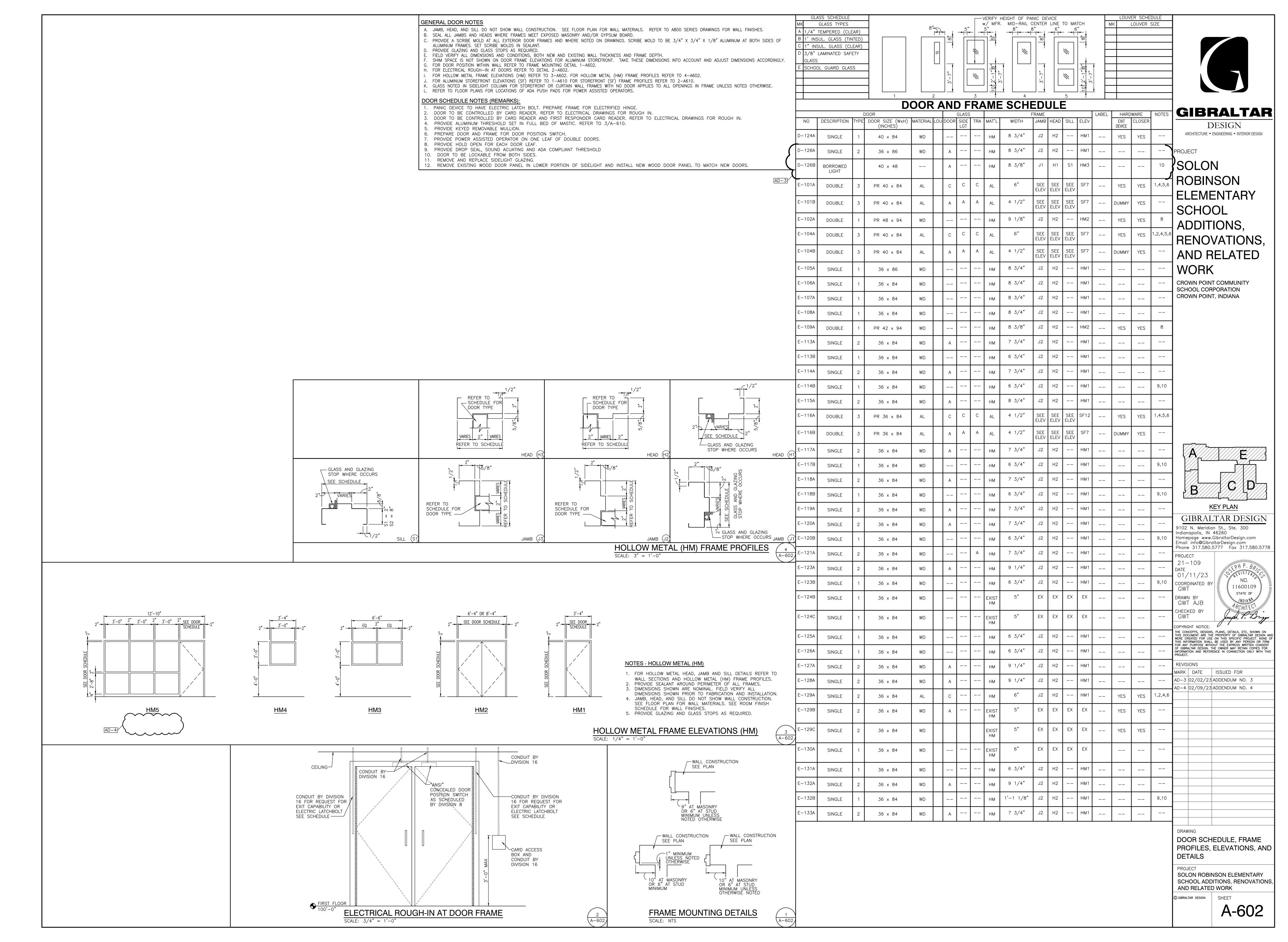


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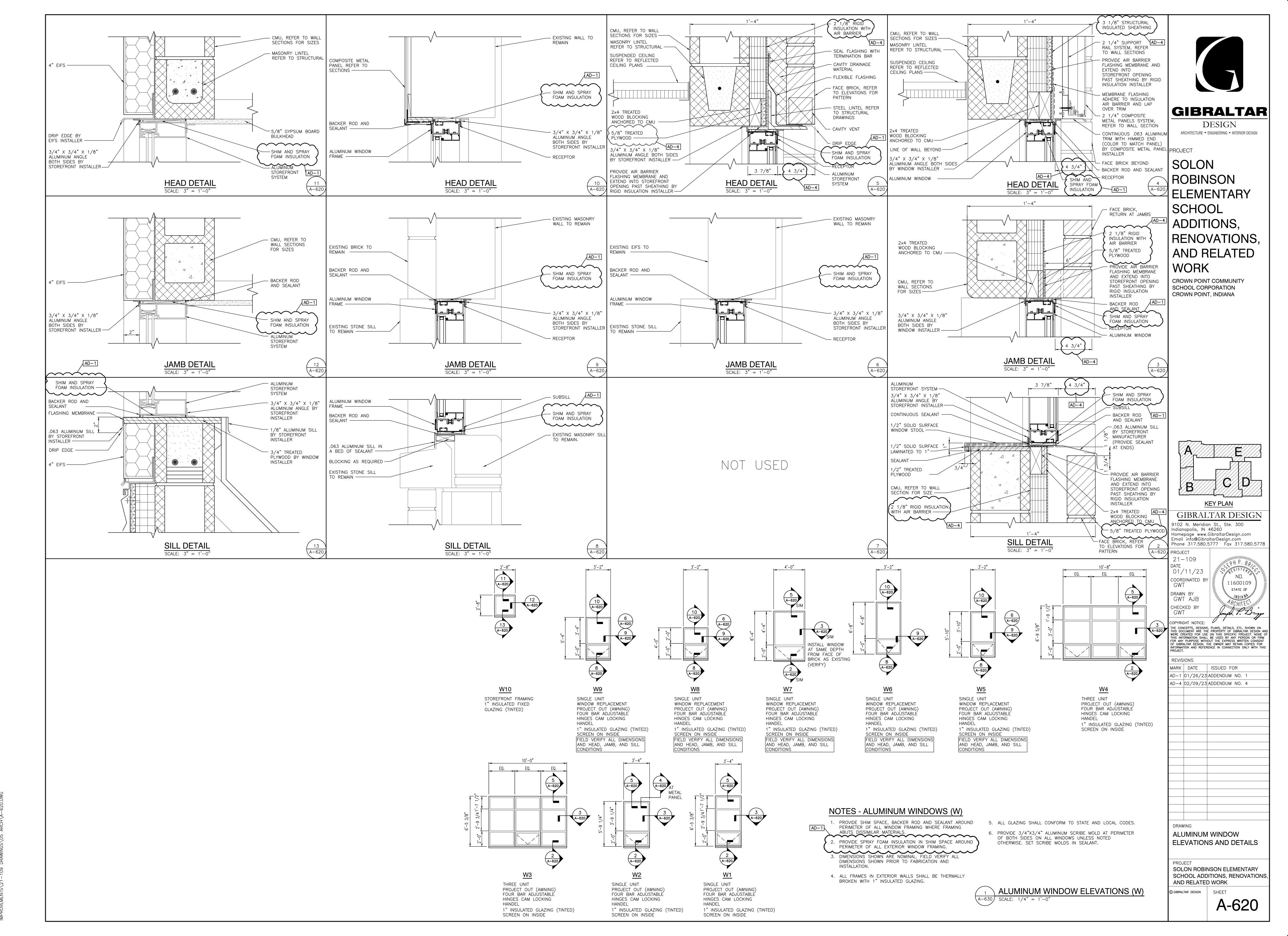


Thursday, 2/9/2023 — 11:59 AM — LAST SAVED BY:PDEGRC Y:\21—109 CROWN POINT CSC — ROBINSON ES

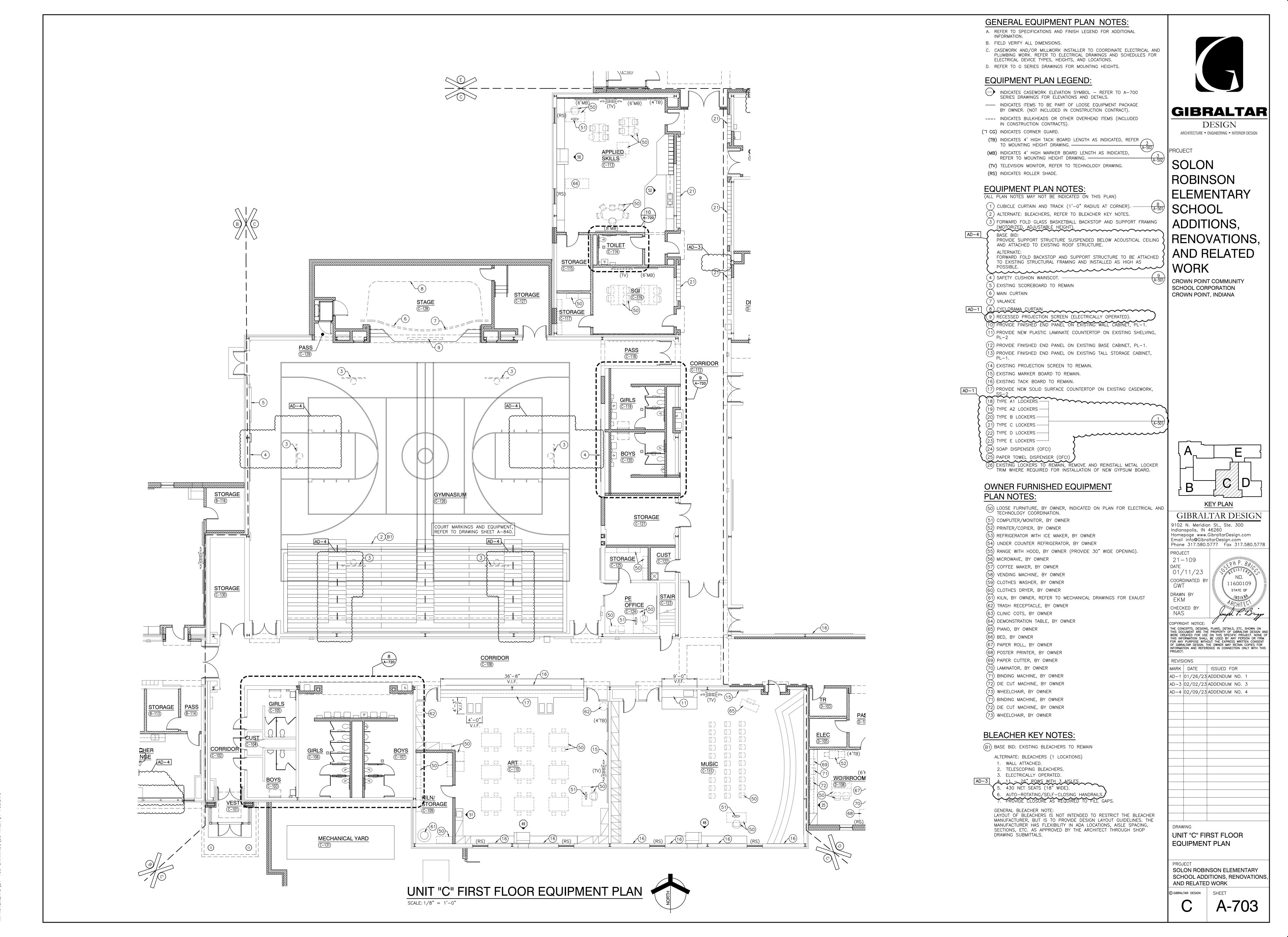




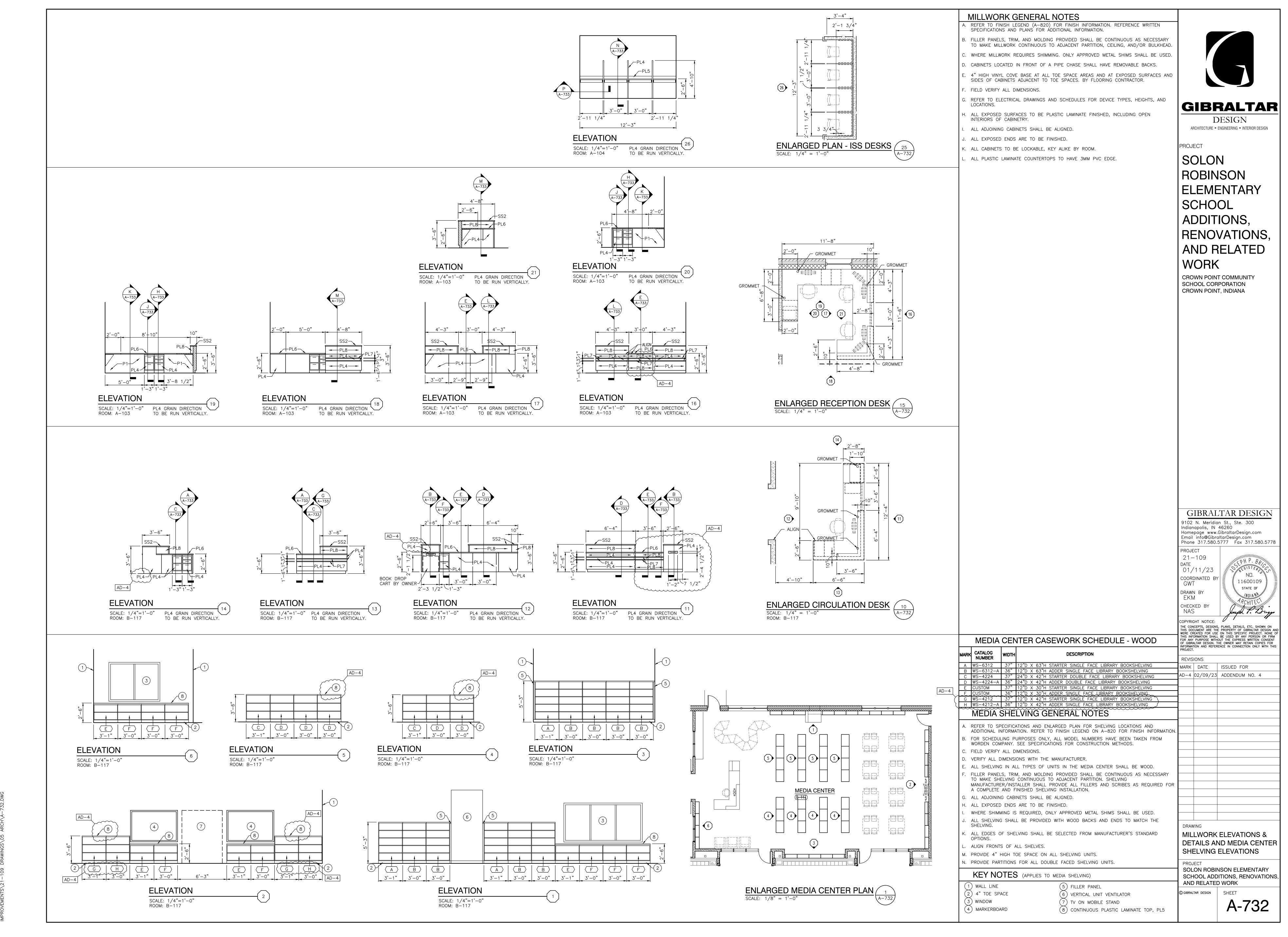
Thursday, 2/9/2023 — 1:33 PM — LAST SAVED BY:PDEGR Y:\21—109 CROWN POINT CSC — ROBINSON ES IMPROVEMENTS\21—109 DRAWINGS\05 ARCH\A—602.DWG



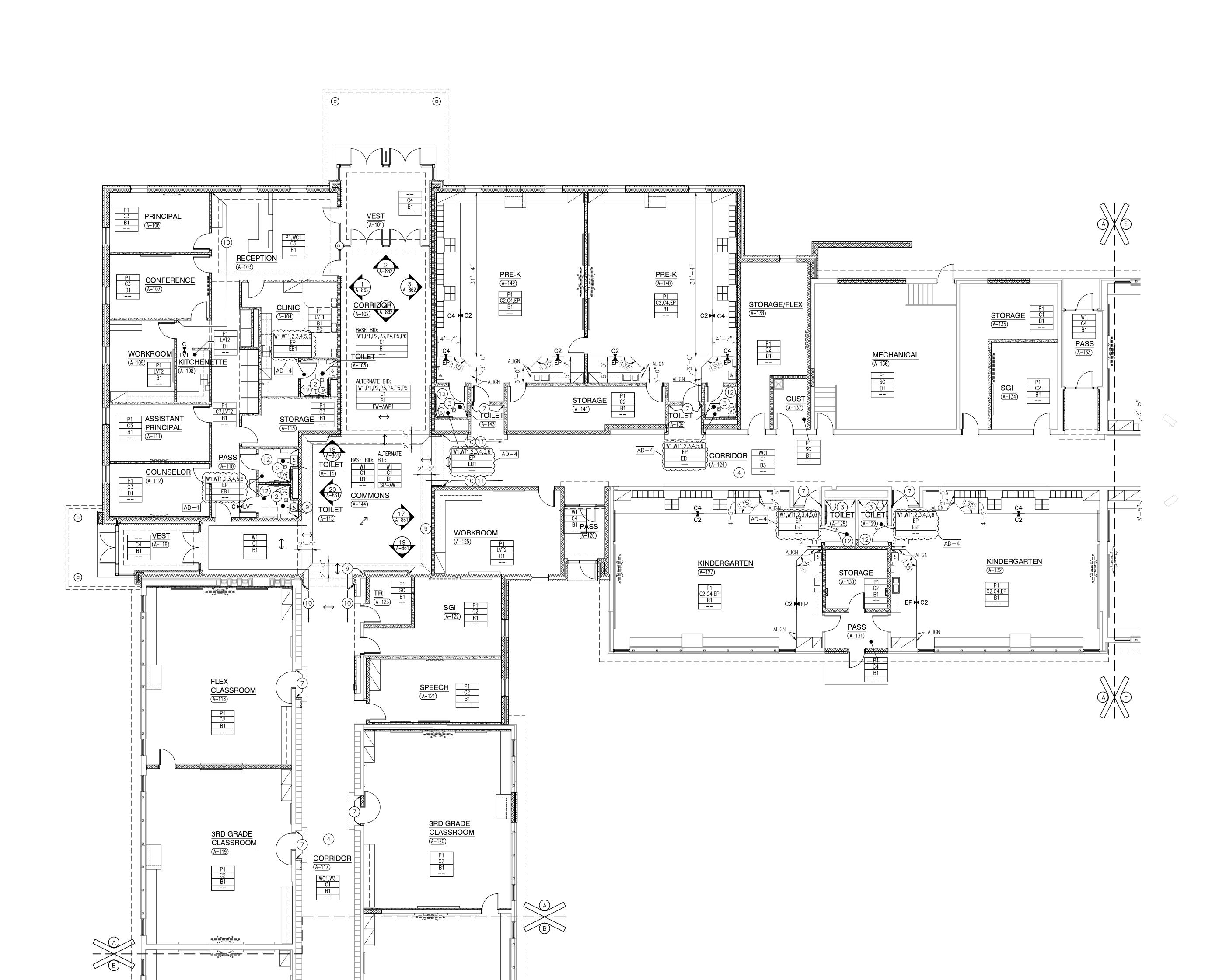
Thursday, 2/9/2023 — 11:59 AM — LAST SAVED BY:PDEGRYY:\21—109 CROWN POINT CSC — ROBINSON ES



Inursday, Z/9/2023 — II:39 AM — LASI SAVED BY:PDEGROIP Y:\21—109 CROWN POINT CSC — ROBINSON ES MPROVFMFNTS\21—109 DRAWINGS\05 ARCH\A—703 DWG



Wednesday, 2/8/2023 — 3:17 PM — LAST SAVED BY:EMCQUEEN Y:\21-109 CROWN POINT CSC — ROBINSON ES



GENERAL FINISH PLAN NOTES:

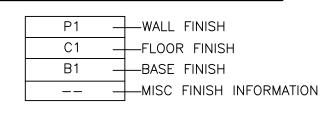
- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR
- ADDITIONAL FINISH INFORMATION.

 C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND /OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- E. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.
- F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.
- H. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC, THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- I. 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.
- SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.

 J. ALL FLOOR FINISH TRANSITIONS AT DOORS SHALL BE CENTERED UNDER
- DOOR UNLESS NOTED OTHERWISE.

 K. FOR FLOOR FINISH TRANSITION DETAILS REFER TO 2/A-501.
- L. 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.
- M. PAINT ALL SIDES OF NEW AND EXISTING DOOR FRAMES P7 UNLESS NOTED OTHERWISE.
- N. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.

FINISH SYMBOL LEGEND:



FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

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

- 1) NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
- 2) WALL TILE REFER TO ELEVATION 12/A-861 AND 13/A-861 3) WALL TILE - REFER TO ELEVATION 14/A-861
- (4) WALLCOVERING, WC1 AT ALL LOCATIONS UNLESS NOTED OTHERWISE.
- 5) TUCK WALLCOVERING 90 DEGREES INTO REVEAL/JOINT.
 6) WALL TILE REFER TO INTERIOR ELEVATIONS.
- WALLCOATING, W3
- 8 PAINT, P1 9) WALLCOATING, W1
- WALLCOVERING, WC1
- 11) VINYL WALL BASE, B3
- 2) SCHULTER TRIM, ON TOP OF EPOXY BASE WHERE WALL TILE IS ABOVE.
- WALL BASE TRANSITION AT THIS LOCATION.
- ALTERNATE: PAINT, P1, ALL EXPOSED ROOF DECK, JOIST, MECHANICAL, AND ELECTRICAL PIPING, CONDUIT, AND DUCTWORK.

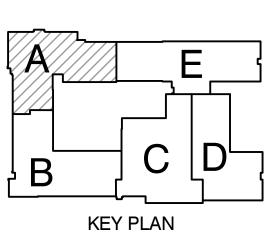


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PROJECT

SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY
SCHOOL CORPORATION
CROWN POINT, INDIANA



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PROJECT

21-109

DATE

01/11/23

COORDINATED BY

PROJECT

21-109

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AD-4	02/09/23	ADDENDUM NO. 4

DRAWING
UNIT "A" FIRST FLOOR FINISH

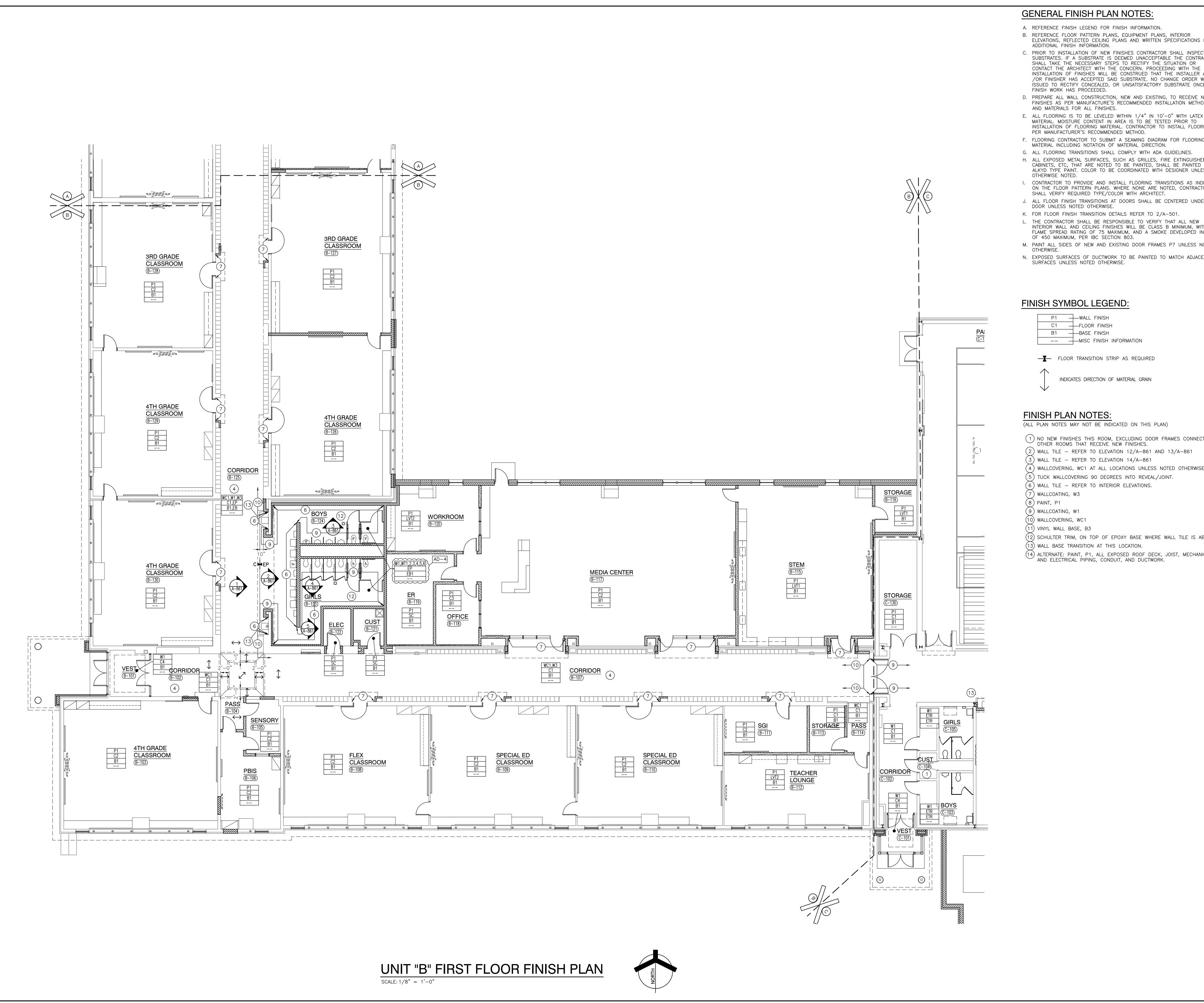
PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

SHEET

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A-801

day, 2/8/2023 — 3:17 PM — 109 CROWN POINT CSC — ROB :MENTS\21—109 DRAWINGS\05

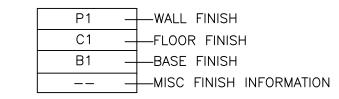


day, 2/8/2023 — 3:17 PM — 109 CROWN POINT CSC — ROB EMENTS\21—109 DRAWINGS\05

GENERAL FINISH PLAN NOTES:

- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR
- ADDITIONAL FINISH INFORMATION. C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- E. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.
- F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION. G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.
- H. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC, THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.
- I. CONTRACTOR TO PROVIDE AND INSTALL FLOORING TRANSITIONS AS INDICATE ON THE FLOOR PATTERN PLANS. WHERE NONE ARE NOTED, CONTRACTOR SHALL VERIFY REQUIRED TYPE/COLOR WITH ARCHITECT.
- J. ALL FLOOR FINISH TRANSITIONS AT DOORS SHALL BE CENTERED UNDER
- DOOR UNLESS NOTED OTHERWISE. K. FOR FLOOR FINISH TRANSITION DETAILS REFER TO 2/A-501.
- 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.
- M. PAINT ALL SIDES OF NEW AND EXISTING DOOR FRAMES P7 UNLESS NOTED
- N. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.

FINISH SYMBOL LEGEND:



FLOOR TRANSITION STRIP AS REQUIRED

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

- (1) NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
- WALL TILE REFER TO ELEVATION 12/A-861 AND 13/A-861) WALL TILE - REFER TO ELEVATION 14/A-861
-) WALLCOVERING, WC1 AT ALL LOCATIONS UNLESS NOTED OTHERWISE.
- 5) TUCK WALLCOVERING 90 DEGREES INTO REVEAL/JOINT. 6) wall tile - refer to interior elevations.
-) WALLCOATING, W3
-) WALLCOVERING, WC1
- 1) VINYL WALL BASE, B3
- 2) SCHULTER TRIM, ON TOP OF EPOXY BASE WHERE WALL TILE IS ABOVE.
- 3) WALL BASE TRANSITION AT THIS LOCATION.
- (14) ALTERNATE: PAINT, P1, ALL EXPOSED ROOF DECK, JOIST, MECHANICAL, AND ELECTRICAL PIPING, CONDUIT, AND DUCTWORK.

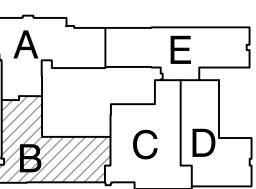


ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

SOLON ROBINSON ELEMENTARY **SCHOOL** ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

11600109

GIBRALTAR DESIGN

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

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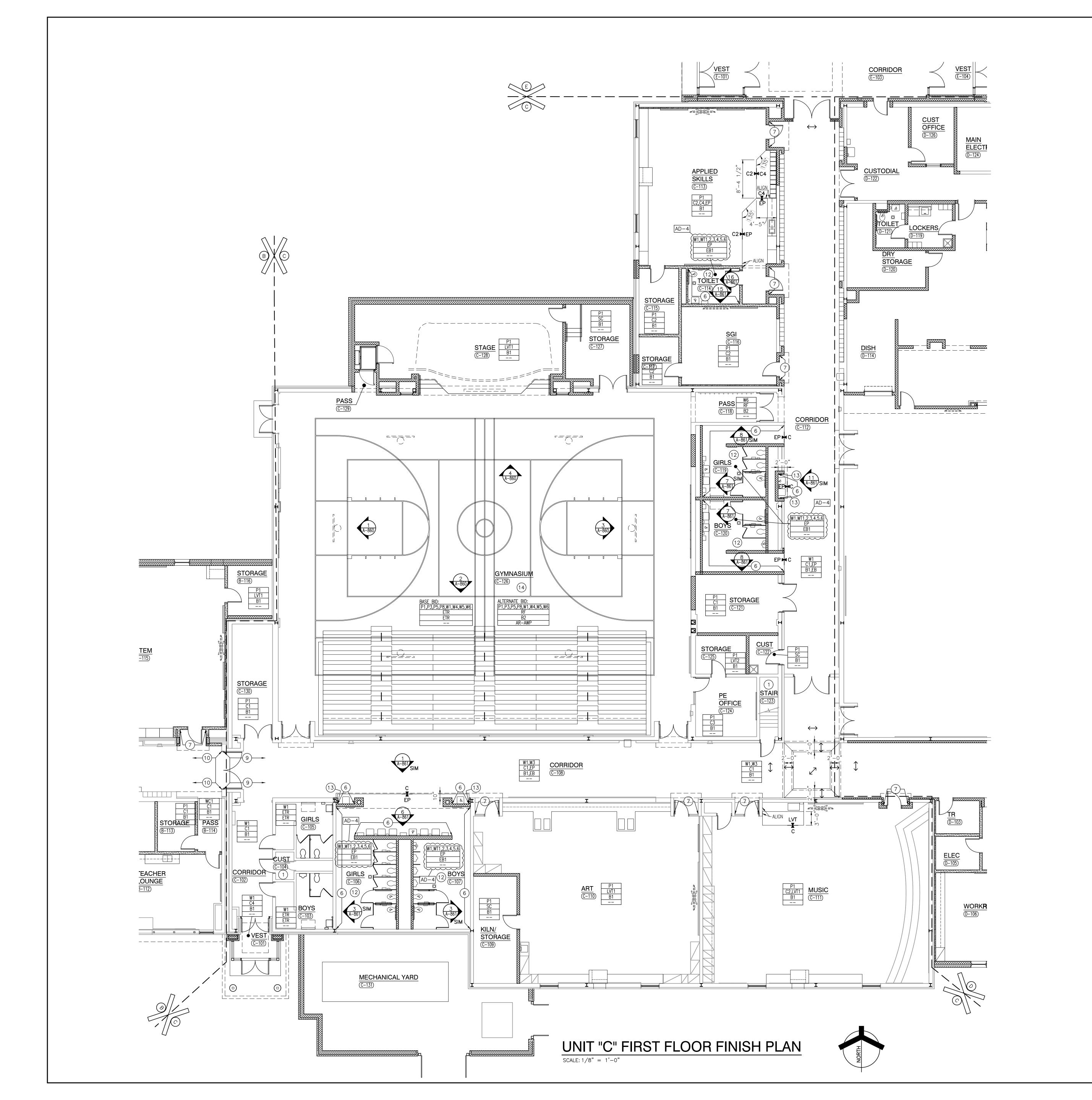
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MARK DATE ISSUED FOR AD-4 02/09/23 ADDENDUM NO. 4

UNIT "B" FIRST FLOOR FINISH

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

B



GENERAL FINISH PLAN NOTES:

- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR
- ADDITIONAL FINISH INFORMATION.

 C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND /OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURE'S RECOMMENDED INSTALLATION METHODS AND MATERIALS FOR ALL FINISHES.
- E. ALL FLOORING IS TO BE LEVELED WITHIN 1/4" IN 10'-0" WITH LATEX MATERIAL. MOISTURE CONTENT IN AREA IS TO BE TESTED PRIOR TO INSTALLATION OF FLOORING MATERIAL. CONTRACTOR TO INSTALL FLOORING PER MANUFACTURER'S RECOMMENDED METHOD.
- F. FLOORING CONTRACTOR TO SUBMIT A SEAMING DIAGRAM FOR FLOORING MATERIAL INCLUDING NOTATION OF MATERIAL DIRECTION.
- G. ALL FLOORING TRANSITIONS SHALL COMPLY WITH ADA GUIDELINES.

 H. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC, THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS
- I. 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.
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 J. ALL FLOOR FINISH TRANSITIONS AT DOORS SHALL BE CENTERED UNDER
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 K. FOR FLOOR FINISH TRANSITION DETAILS REFER TO 2/A-501.
- L. 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.

 M. PAINT ALL SIDES OF NEW AND EXISTING DOOR FRAMES P7 UNLESS NOTED
- OTHERWISE.

 N. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT

FINISH SYMBOL LEGEND:

SURFACES UNLESS NOTED OTHERWISE.

OTHERWISE NOTED.

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)

- 1) NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
- 2) WALL TILE REFER TO ELEVATION 12/A-861 AND 13/A-861
- (3) WALL TILE REFER TO ELEVATION 14/A—861
 (4) WALLCOVERING, WC1 AT ALL LOCATIONS UNLESS NOTED OTHERWISE.
- (5) TUCK WALLCOVERING 90 DEGREES INTO REVEAL/JOINT.
- 6) WALL TILE REFER TO INTERIOR ELEVATIONS.
- (7) WALLCOATING, W3
- 8 PAINT, P1
-) WALLCOATING, W1

 0) WALLCOVERING, WC1.
- 10) WALLCOVERING, WC1 11) VINYL WALL BASE, B3
- 12) SCHULTER TRIM, ON TOP OF EPOXY BASE WHERE WALL TILE IS ABOVE.
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- ALTERNATE: PAINT, P1, ALL EXPOSED ROOF DECK, JOIST, MECHANICAL, AND ELECTRICAL PIPING, CONDUIT, AND DUCTWORK.

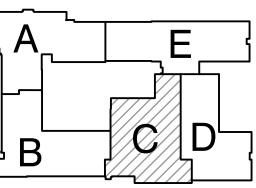


DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

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

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

PROJECT

21-109

DATE

01/11/23

COORDINATED BY

GWT

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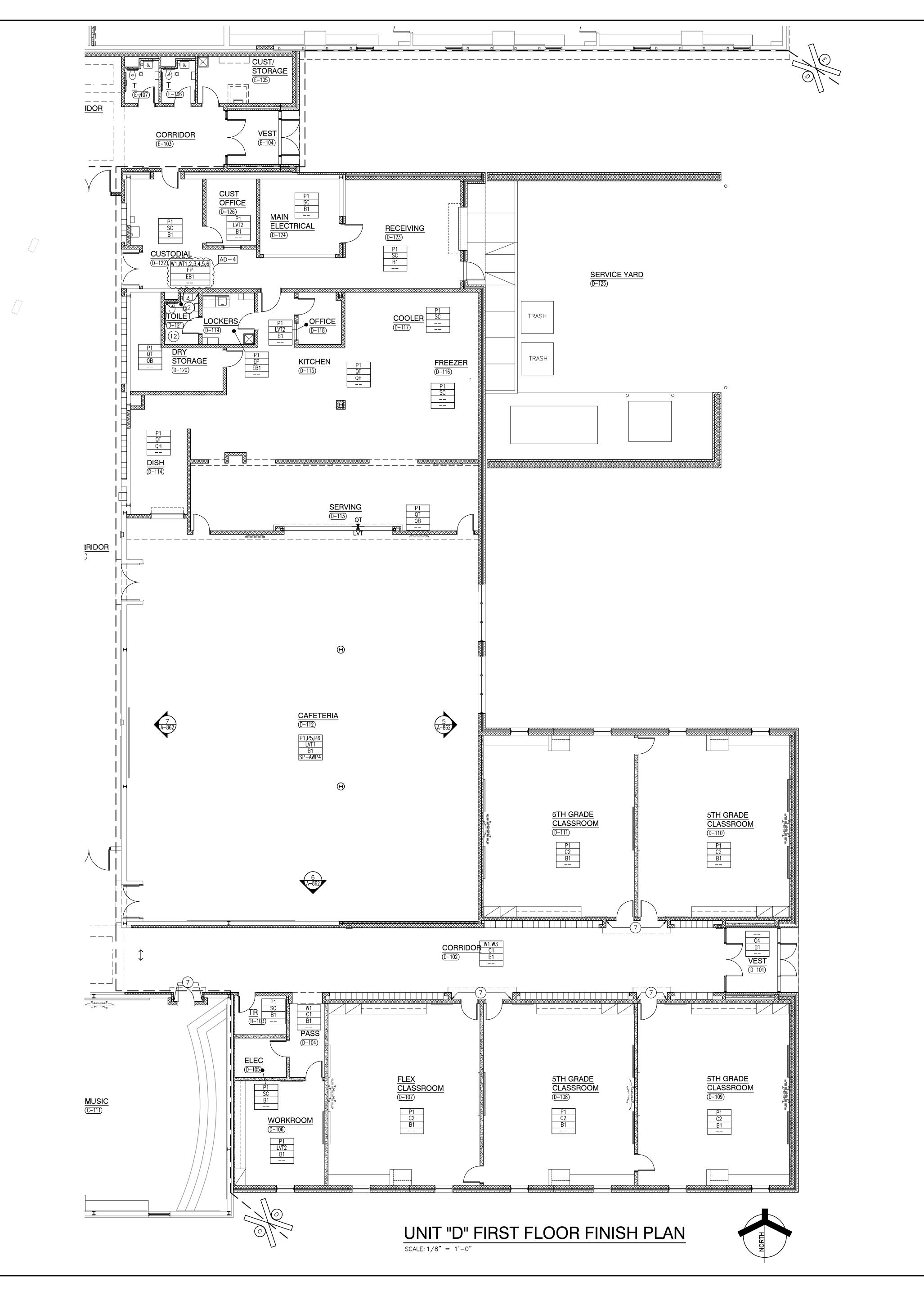
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DRAWING

UNIT "C" FIRST FLOOR FINISH
PLAN

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

C SIBRALIAR DESIGN



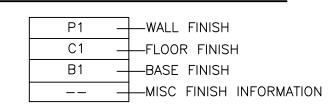
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FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

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- 7) WALLCOATING, W3
- 8) PAINT, P1 9) WALLCOATING, W1
-) WALLCOVERING, WC1
- 11) VINYL WALL BASE, B3
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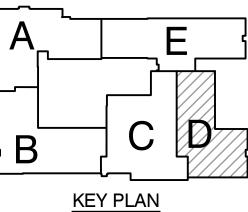


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PROJECT

ROBINSON | ELEMENTARY **SCHOOL** ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300 ndianapolis, IN 46260 Homepage www.GibraltarDesign.com

Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 PROJECT 21-109 01/11/23 COORDINATED B' 11600109 STATE OF DRAWN BY

EKM

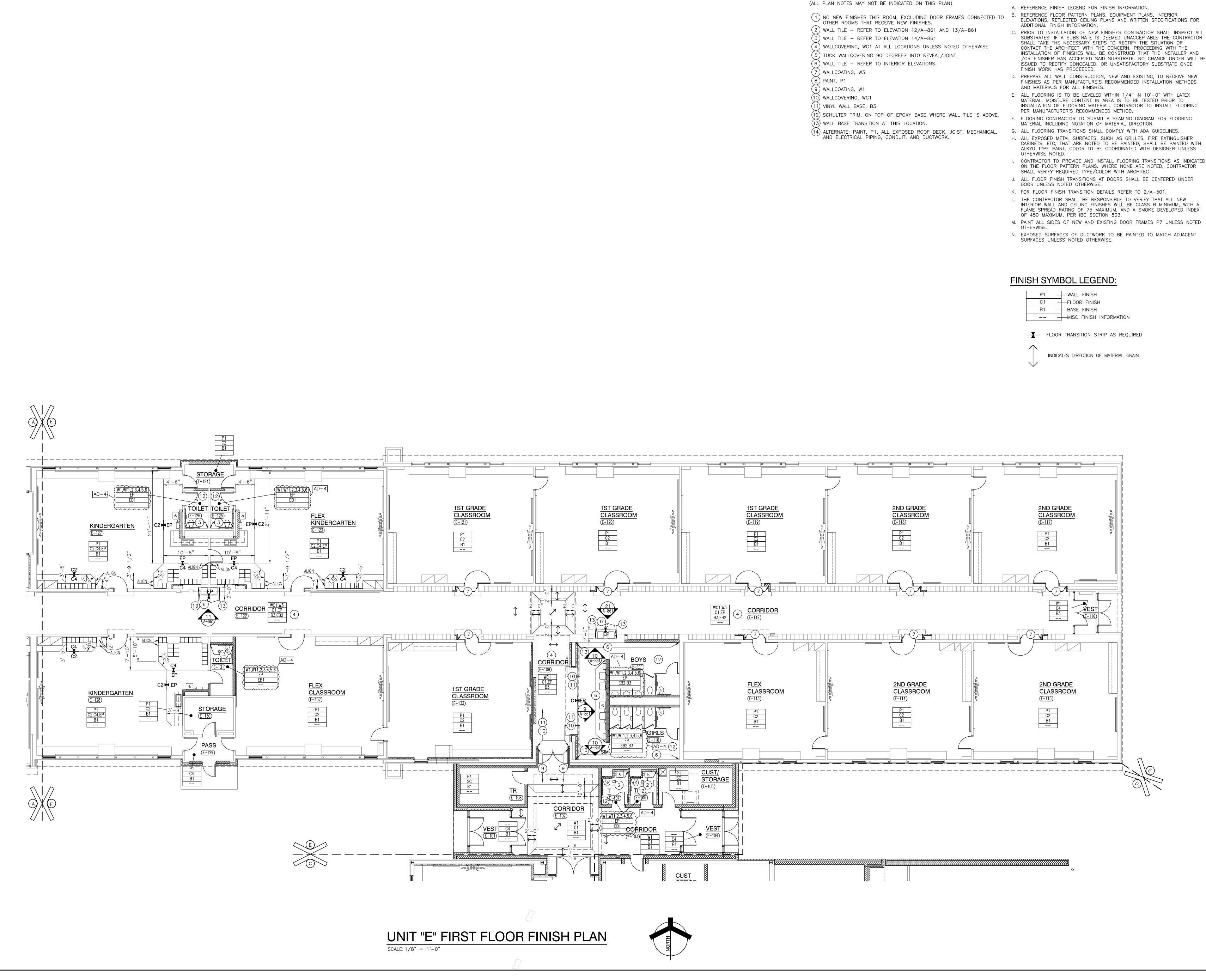
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MARK DATE ISSUED FOR AD-4 02/09/23 ADDENDUM NO. 4

UNIT "D" FIRST FLOOR FINISH

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

GIBRALTAR DESIGN SHEET



ALL OR DESIGN

DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

GENERAL FINISH PLAN NOTES:

FINISH PLAN NOTES:

SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

A C D KEY PLAN

KEY PLAN

GIBRALTAR DESIGN

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ne 317.580.5777 Fax 317.580

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REVISIONS

MARK DATE ISSUED FOR

AD-4 02/09/23 ADDENDUM NO. 4

DRAWING
UNIT "E" FIRST FLOOR FINISH

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

RALTAR DESIGN

SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS	
CEILING MATERIAL				T				
	ACT1 ACT2	ACOUSTICAL CEILING ACOUSTICAL CEILING	ARMSTRONG ARMSTRONG	FINE FISSURED CLEAN ROOM LV	1728 WHITE 868 WHITE	24" X 24" 24" X 24"	WITH HUMIGUARD PLUS VINYL FACED WITH HUMIGUARD PLUS	
		ACOUSTICAL CEILING	ARMSTRONG	CLEAN ROOM LV	868 WHITE	24" X 24"	VINYL FACED WITH HUMIGUARD PLUS/ALUMINUM GRID	
	P10	PAINT	SHERWIN WILLIAMS		CEILING BRIGHT WHITE / 7007			
WALL BASE	B1	VINYL BASE	TARKETT	Ī	CHARCOAL	4" COVE		
		VINYL BASE	TARKETT		BLACK	4" COVE		
		VINYL BASE	TARKETT		CHARCOAL	6" COVE	AD-4	
			SHERWIN WILLIAMS	DECO QUARTZ	METEOR SHOWER BC23		SEE NOTE 1	┥
			SHERWIN WILLIAMS DALTILE	DECO QUARTZ QUARRY TEXTURES	METEOR SHOWER BC23 ASHEN FLASH 0T04	6" COVE 6" BULLNOSE	SEE NOTE 1 }	- GIBRALT <i> </i>
FLOOR MATERIALS						10 0000,000		DESIGN
		CARPET TILE	TARKETT	SYLLABUS II 11647	POWER GRID 76504	24"x24"	INSTALL: VERTICAL ASHLAR	ARCHITECTURE • ENGINEERING • INTERIOR DI
	C1b C2a	CARPET TILE CARPET TILE	J&J TARKETT	ADAPT 7602 ELECTRIC EDIT 11611	WARM BEAM 3270 LIGHTNING 22407	18"x36" 24"x24"	INSTALL: VERTICAL ASHLAR INSTALL: VERTICAL ASHLAR	\dashv
		CARPET TILE	J&J	ADAPT 7602	GOLD BEAM 3271	18"x36"	INSTALL: VERTICAL ASHLAR	PROJECT
	C3a	CARPET TILE	TARKETT	LIGHT SHIFT 11524	SHADOW ZONE 45406	18"x36"	INSTALL: VERTICAL ASHLAR	
	C3b C4a	CARPET TILE CARPET TILE	J&J TARKETT	SCHEMATIC MODULAR 7901 ABRASIVE ACTION II 02578	OFFSET 2113 WINTER GRAY 19103	24"x24" 24"x24"	INSTALL: VERTICAL ASHLAR WALKOFF	- SOLON
		CARPET TILE	J&J	CATWALK II	STRIKE A POSE 1428	24"x24"	WALKOFF	ROBINSON
		POURED EPOXY	SHERWIN WILLIAMS	DECO QUARTZ	METEOR SHOWER BC23			
	LVT1 LVT2	LUXURY VINYL TILE LUXURY VINYL TILE	MOHAWK MOHAWK	TERRAZZO C0180 OPTIC HUES C0178	TEPHRA 727 TEA TAN 810	12"x24" 12"x24"		\exists $ELEMENTARY$
	QT	QUARRY TILE	DALTILE	QUARRY TEXTURES	ASHEN FLASH 0T04	6"x6"		1
		SEALED CONCRETE			<u> </u>			
	RF	ROLLED RUBBER FLOOR	MONDO		<u> </u>			
WALL MATERIALS								\exists ADDITIONS,
			SHERWIN WILLIAMS		AGREEABLE GRAY SW7029			RENOVATION
	P2 P3	PAINT PAINT	SHERWIN WILLIAMS SHERWIN WILLIAMS	 	MINDFUL GRAY SW7016 DORIAN GRAY SW7017		 	
	P4		SHERWIN WILLIAMS SHERWIN WILLIAMS		DOVETAIL SW7018			∃ AND RELATEI
	P5		SHERWIN WILLIAMS		CUSTOM		SEE NOTE 2	
	P6 P7		SHERWIN WILLIAMS SHERWIN WILLIAMS		SPARE WHITE SW6203 GAUNTLET GRAY SW7019		DOORFRAMES	∃ WORK
	P8	PAINT	SHERWIN WILLIAMS		TRICORN BLACK SW6258			CROWN POINT COMMUNITY
	W1		SHERWIN WILLIAMS	<u></u>	AGREEABLE GRAY SW7029			SCHOOL CORPORATION
	W2 W3	NOT USED PAINT	 SHERWIN WILLIAMS		DORIAN GRAY SW7017			CROWN POINT, INDIANA
	W4		SHERWIN WILLIAMS		DOVETAIL SW7018			
	W5	PAINT	SHERWIN WILLIAMS		CUSTOM			4
	W6 WC1		SHERWIN WILLIAMS MDC	PINSTRIPE HYPE	SPARE WHITE SW6203 SOFT CASHMERE			\dashv
	WT1	WALL TILE	AMERICAN OLEAN	GLOSS	ICE WHITE 0025	6"×6"		
	WT2	WALL TILE	AMERICAN OLEAN	GLOSS	STORM GRAY 0040	3"x6"		4
	WT3 WT4	WALL TILE WALL TILE	AMERICAN OLEAN AMERICAN OLEAN	GLOSS GLOSS	LEMON ZEST 0075 BALANCE 0014	3"x6" \\ 3"x6" \\		\dashv
	WT5	WALL TILE	AMERICAN OLEAN	GLOSS	BLACK 0049	3"x6"		
\	WT6 FW-AWP1	WALL TILE ACOUSTICAL PANEL	AMERICAN OLEAN GILFORD OF MAINE	GLOSS FR701 2100	ICE WHITE 0025 GREY MIX 238	3"x6"		4
		<u> </u>	TECTUM		PAINT P1			┪
		ACOUSTICAL PANEL	TECTUM		PAINT P3			
		ACOUSTICAL PANEL ACOUSTICAL PANEL	TECTUM TECTUM	 	PAINT P5 PAINT P6			_
			MDC	ZINTRA WALL TILE	SUNSHINE	9.8"Wx9.8"Hx0.5"D	WITH STAINGUARD	7
			MDC	ZINTRA WALL TILE	SUNSHINE	9.8"Wx9.8"Hx1"D	WITH STAINGUARD	
			MDC MDC	ZINTRA WALL TILE ZINTRA WALL TILE	SUNSHINE GREIGE	9.8"Wx9.8"Hx1.8"D 9.8"Wx9.8"Hx0.5"D	WITH STAINGUARD WITH STAINGUARD	\dashv
			MDC	ZINTRA WALL TILE	GREIGE	9.8"Wx9.8"Hx1.8"D	WITH STAINGUARD	
		1	MDC	ZINTRA WALL TILE	GREIGE		WITH STAINGUARD	_
			MDC MDC	ZINTRA WALL TILE ZINTRA WALL TILE	GREIGE SLATE	19.5"Wx19.5"Hx1"D 9.8"Wx9.8"Hx1.8"D	WITH STAINGUARD WITH STAINGUARD	-
			MDC	ZINTRA WALL TILE	SLATE	19.5"Wx19.5"Hx0.5"D		
		ACOUSTICAL PANEL	MDC	ZINTRA DIVEL	SLATE	19.5"Wx19.5"Hx1"D 2'x3'	WITH STAINGUARD	
	SP-AWP4	ACOUSTICAL PANEL	MDC	ZINTRA PIXEL	FOSSIL	∠ ∧∪ 	WITH STAINGUARD	
CASEWORK AND M								
		PLASTIC LAMINATE	PIONITE	SUEDE FINE VELVET	INGOT GRAY SG211			4
		PLASTIC LAMINATE PLASTIC LAMINATE	WILSONART WILSONART	FINE VELVET MATTE	PEARL SOAPSTONE 4886-38 NATURAL ALMOND D30-60			\dashv
	PL4	PLASTIC LAMINATE	WILSONART	FINE VELVET	NATURAL RECON 7996-38			
	PL5	PLASTIC LAMINATE	NEVAMAR WILSONART	TEXTURED	WALL STREET ALLUSION ALTOOST			GIBRALTAR DESI
	PL6 PL7	PLASTIC LAMINATE PLASTIC LAMINATE	BELLA LAMINATI	FINE VELVET SOLIDS	RAW COTTON 4947-38 SUNRISE S-194 ESSE		 	9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260
		PLASTIC LAMINATE	WILSONART	FINE VELVET	STEEL MESH 4879-38			Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com
	``	AD-4 SOLID SURFACE	CORIAN	 	NEUTRAL AGGREGATE			Phone 317.580.5777 Fax 317.58
	SS1	SOLID SURFACE	CORIAN		SILVER BIRCH			PROJECT
								21-109 DATE 21-109
MISCELLANEOUS	DC4	WINDOW DOLLER COLLE	MEGUO	1	1	1		- 01/11/23 Signification of the contraction of th
	RS1 CG1	WINDOW ROLLER SHADE CORNER GUARD	MECHO		 			COORDINATED BY
	L1	LOCKERS	LYON		PUTTY			OVVI = STATE OF
		TOILET PARTITION	HINDY HIDERS	 Rx 2015	CHARCOAL GRAY SILVER LINING			DRAWN BY EKM
		PRIVACY CURTAIN WOOD TRIM	ARCHITEX	MATCH WOOD DOOR	SILVER LINING		 	CHECKED BY
	TRIM1	METAL TRIM	SCHLUTER					NAS Joseph 7. Z
		SAFETY CUSHION	TARKETT		GREY			COPYRIGHT NOTICE:
		RUBBER STAIR TREAD BLEACHER SEAT	TARKETT HUSSEY	HAMMERED ——	CHARCOAL GREY		 	THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHITHIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR WERE CREATED FOR USE ON THIS SPECIFIC PROJECT
		WOOD DOOR	MASONITE	RED OAK (PLAIN SLICE)	CANE			THIS INFORMATION SHALL BE USED BY ANY PERSON FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COI
		ALL TRAVELERS, BOARDERS, KM FABRICS	KM FABRICS		BLACK			OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COI INFORMATION AND REFERENCE IN CONNECTION ONLY PROJECT.
		LEGS & CYCLORAMA CURTAINS						REVISIONS
		MAIN VALENCE	KM FABRICS		PUSSYWILLOW			MARK DATE ISSUED FOR
		. OT . OF		_	PUSSYWILLOW		_	
ETR = EXISTING TO		STAGE CURTAIN (MAIN)	KM FABRICS		FUSSTWILLOW			AD-4 02/09/23 ADDENDUM NO.

NOTE 2: SHERWIN WILLIAMS — CUSTOM MANUAL MATCH
INTERIOR SUPER PAINT SEMI GLOSS LATEX IFC 8012NP CCE*COLORANT 0Z 32 64 128 R4 NEW RED - 20 1 -W1 WHITE - 32 1 1

Y1 YELLOW 10 12 1 1

day, 2/8/2023 — 3:18 PM — LAST SAVED BY 109 CROWN POINT CSC — ROBINSON ES EMENTS\21—109 DRAWINGS\05 ARCH\A—820.D'

FINISH LEGEND

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

© GIBRALTAR DESIGN SHEET

A-820

GENERAL COURT MARKING PLAN NOTES:

- A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION.
- B. REFERENCE FLOOR PATTER PLANS, EQUIPMENT PLANS, INTERIOR ELEVATIONS, REFLECTED CEILING PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION.
- C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND /OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ISSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE FINISH WORK HAS PROCEEDED.
- D. 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.
- E. VERIFY DIMENSIONS AND LINE THICKNESS SHOWN WITH CURRENT INDIANA HIGH SCHOOL ATHLETIC ASSOCIATION (IHSAA) STANDARDS.
- F. VERIFY FINAL LAYOUT AND FINISH COLOR WITH OWNER PRIOR TO INSTALLATION.

COURT MARKING PLAN NOTES: (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

- 1) BASKETBALL BACKSTOP REFER TO EQUIPMENT PLANS.
- 2 FLOORPLATE/SLEEVE FOR VOLLEYBALL OR TENNIS NET UPRIGHTS. (3) BLEACHERS, REFER TO EQUIPMENT PLANS.

COURT MARKING FINISH NOTES: (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS PLAN)

- (10) 2" MAIN BASKETBALL COURT LINES, BLACK.
- (11) 2" VOLLEYBALL COURT LINES, WHITE.
- (12) 2" CROSS BASKETBALL COURT LINES, TAN.



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

GIBRALTAR DESIGN

11600109

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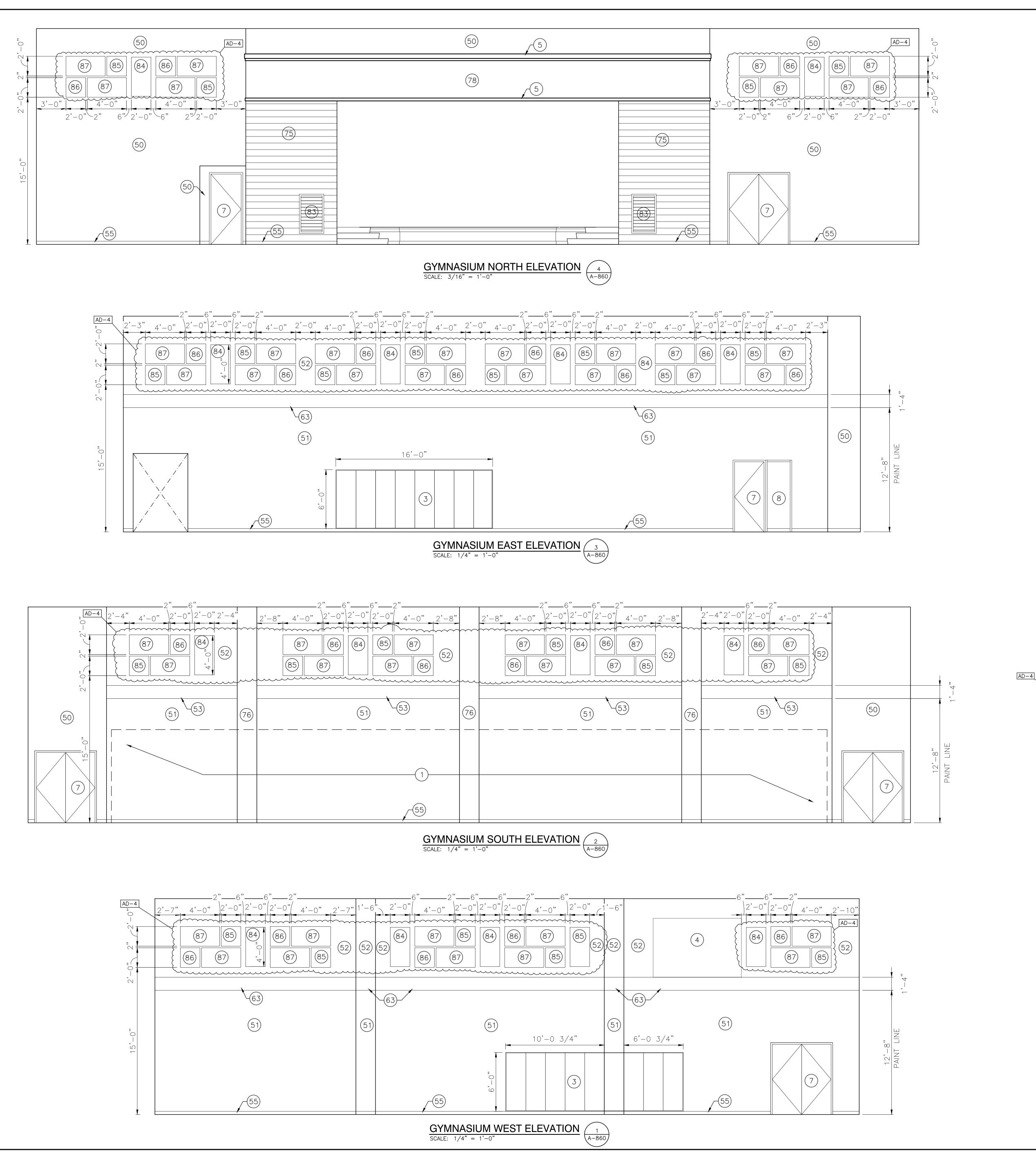
1,2,10		
MARK	DATE	ISSUED FOR

GYMNASIUM COURT

MARKING PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,

AND RELATED WORK © GIBRALTAR DESIGN SHEET



GENERAL INTERIOR ELEVATION NOTES:

A. REFERENCE FINISH LEGEND FOR FINISH INFORMATION. B. REFERENCE FLOOR PATTERN PLANS, EQUIPMENT PLANS, REFLECTED CEILING

PLANS AND WRITTEN SPECIFICATIONS FOR ADDITIONAL FINISH INFORMATION. C. PRIOR TO INSTALLATION OF NEW FINISHES CONTRACTOR SHALL INSPECT ALL SUBSTRATES. IF A SUBSTRATE IS DEEMED UNACCEPTABLE THE CONTRACTOR SHALL TAKE THE NECESSARY STEPS TO RECTIFY THE SITUATION OR CONTACT THE ARCHITECT WITH THE CONCERN. PROCEEDING WITH THE INSTALLATION OF FINISHES WILL BE CONSTRUED THAT THE INSTALLER AND OR FINISHER HAS ACCEPTED SAID SUBSTRATE. NO CHANGE ORDER WILL BE ÍSSUED TO RECTIFY CONCEALED, OR UNSATISFACTORY SUBSTRATE ONCE

FINISH WORK HAS PROCEEDED. D. PREPARE ALL WALL CONSTRUCTION, NEW AND EXISTING, TO RECEIVE NEW FINISHES AS PER MANUFACTURE'S RECOMMENDED INSTALLATION METHODS

AND MATERIALS FOR ALL FINISHES. E. ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER ALL EXPOSED METAL SURFACES, SUCH AS GRILLES, FIRE EXTINGUISHER CABINETS, ETC, THAT ARE NOTED TO BE PAINTED, SHALL BE PAINTED WITH ALKYD TYPE PAINT. COLOR TO BE COORDINATED WITH DESIGNER UNLESS OTHERWISE NOTED.

F. 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.

INTERIOR ELEVATION NOTES:

(ALL ELEVATION NOTES MAY NOT BE INDICATED ON THIS PLAN) (1) BLEACHERS, REFER TO EQUIPMENT PLANS.

(2) NOT USED.

(3) SAFETY CUSHION WAINSCOT, REFER TO EQUIPMENT PLANS. (4) EXISTING SCOREBOARD TO REMAIN.

(5) FINISHED WOOD TRIM. (6) EXISTING TACKBOARD TO REMAIN. (7) DOOR

(8) TRANSLUCENT WALL PANEL.

INTERIOR ELEVATION FINISH NOTES:

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

(50) WALLCOATING, W1 (51) WALLCOATING, W6

(52) PAINT, P1 (53) PAINT, P3

(54) WALL BASE, B1 (55) WALL BASE, B2 (56) EPOXY BASE, EB1

(57) WALL COVERING, WC1 (58) PAINT, P2

(59) SCHLUTER TRIM, OUTSIDE CORNER OR END OF TILE RUN 60) ACOUSTICAL PANEL, SP-AWP4, PAINT P5 BEHIND PANEL.

(61) PAINT, P4

(62) ALTERNATE: ACOUSTICAL PANEL, FW-AWP1 (63) PAINT, P5

(64) PAINT, P6

65) ALTERNATE: ACOUSTICAL PANEL, SP-AWP1A 66) ALTERNATE: ACOUSTICAL PANEL, SP—AWP1B

67) ALTERNATE: ACOUSTICAL PANEL, SP-AWP1C (68) ALTERNATE: ACOUSTICAL PANEL, SP—AWP2A

(69) ALTERNATE: ACOUSTICAL PANEL, SP-AWP2B 70) ALTERNATE: ACOUSTICAL PANEL, SP—AWP2C

71) ALTERNATE: ACOUSTICAL PANEL, SP-AWP3A (72) ALTERNATE: ACOUSTICAL PANEL, SP—AWP3B

(73) ALTERNATE: ACOUSTICAL PANEL, SP—AWP3C (74) ALTERNATE: ACOUSTICAL PANEL, SP—AWP2D

(75) WALLCOATING, W4 76) WALLCOATING, W5

(77) WALL TILE, WT1 (78) PAINT, P8

(79) SCHLUTER TRIM, ON TOP OF WALL BASE.

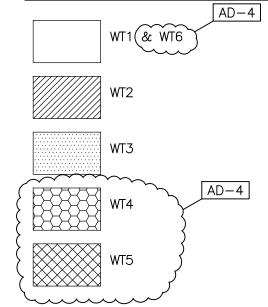
(80) 1" REVEAL MOLD (81) V JOINT

(82) EPOXY BASE, EB2

(83) RETURN AIR GRILL (84) ALTERNATE: ACOUSTICAL PANEL, AR-AWP1 (85) ALTERNATE: ACOUSTICAL PANEL, AR-AWP2

(86) ALTERNATE: ACOUSTICAL PANEL, AR-AWP3 (87) ALTERNATE: ACOUSTICAL PANEL, AR-AWP4

INTERIOR ELEVATION FINISH LEGEND:



BRICK & STONE TYPE NOTES:

A1) FACE BRICK (TYPE A1) COLOR A - 1/2 RUNNING BOND - STANDARD MODULAR SIZE



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

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Phone 317.580.5777 Fax 317.580.5778 PROJECT

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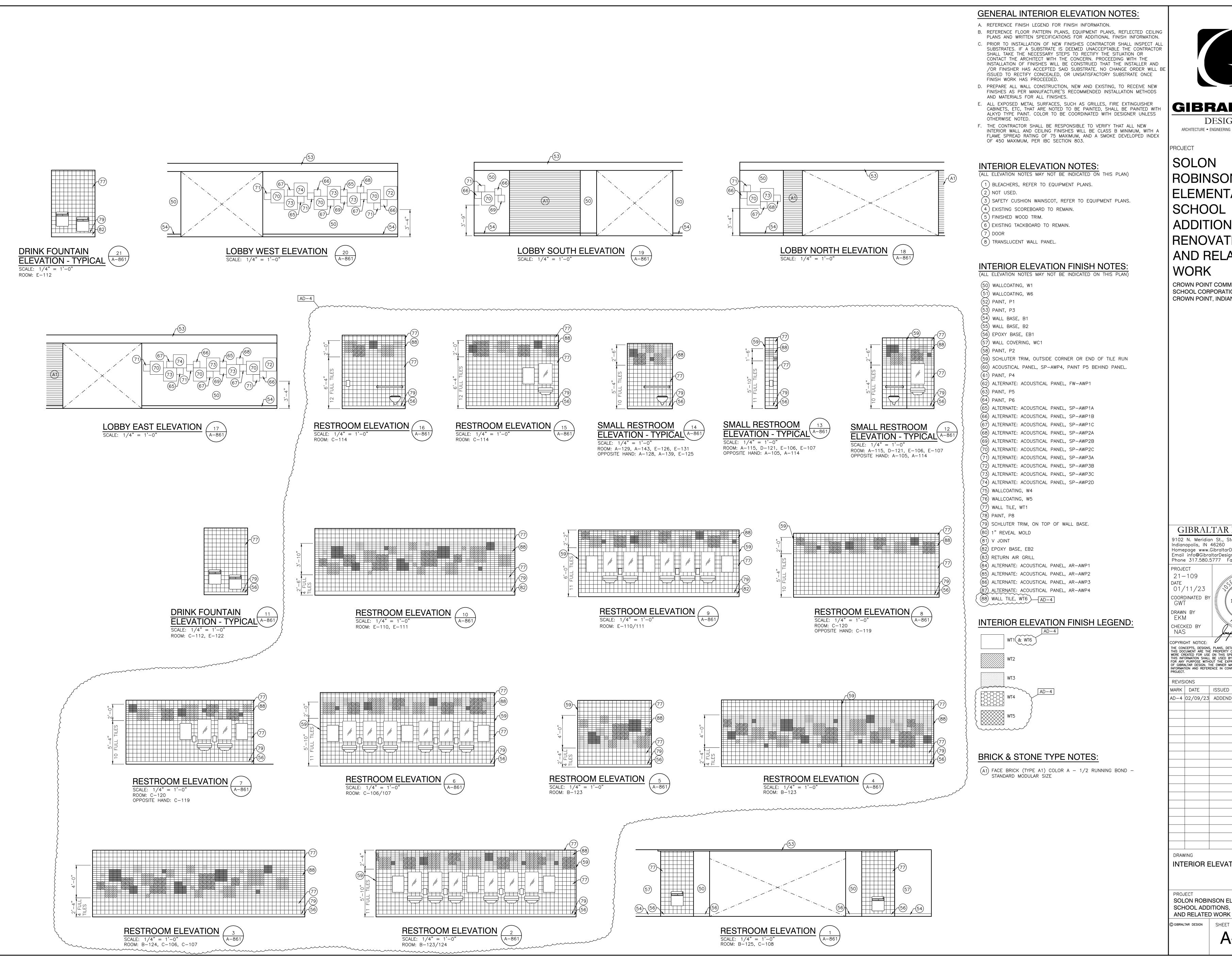
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INTERIOR ELEVATIONS

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

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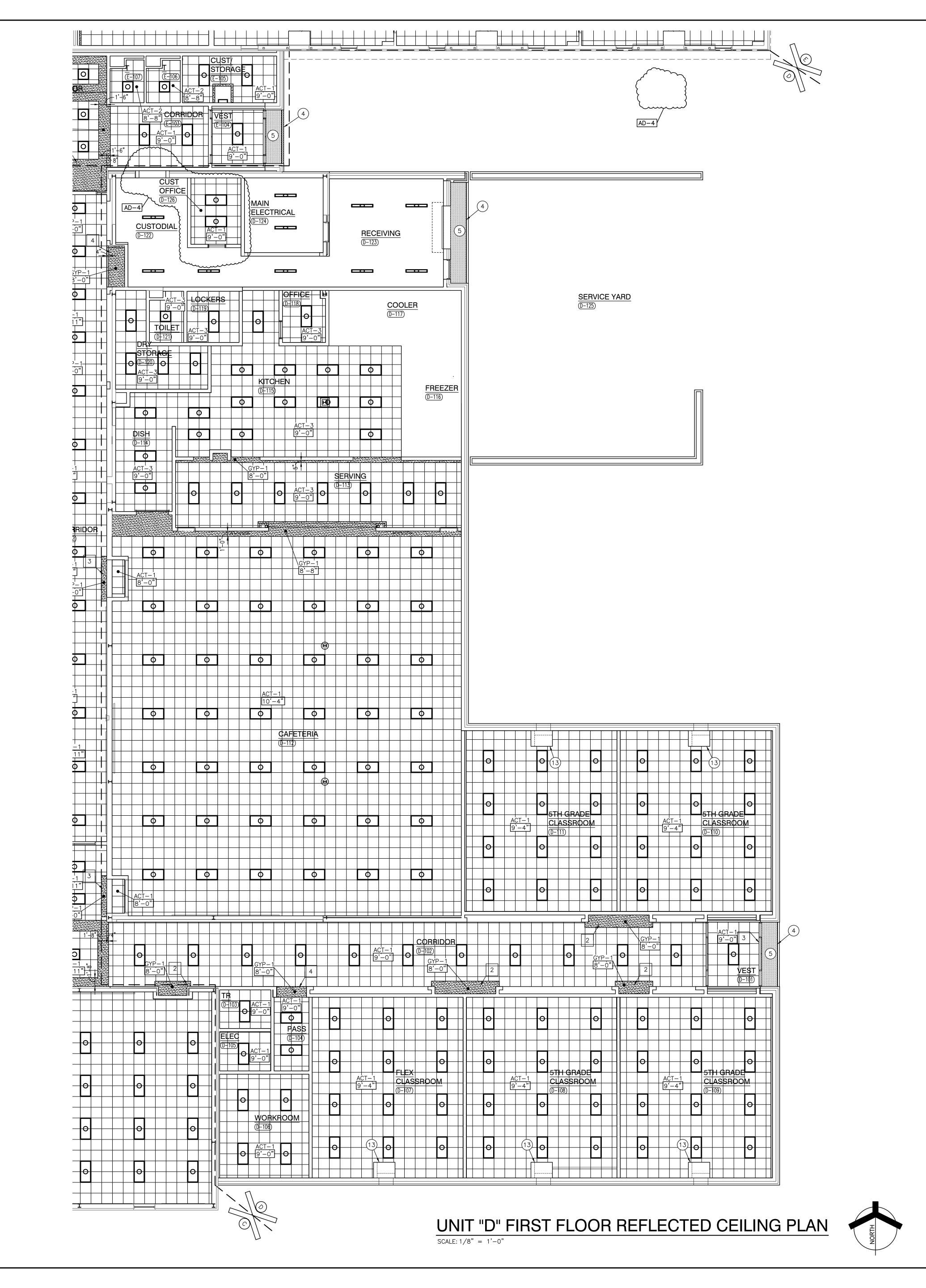
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INTERIOR ELEVATIONS

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,

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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 AND SECTION CUTS THROUGH
- 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
- MATCH ADJACENT BULKHEAD. F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.
- G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED

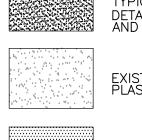
LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO

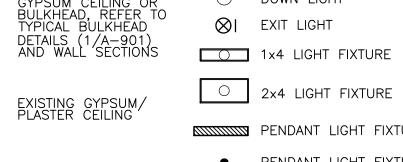
- TECHNOLOGY ITEMS. H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS,
- RETURN AIR GRILLS, AND CEILING CABINET HEATERS. I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.) O DOWN LIGHT ⊗| EXIT LIGHT

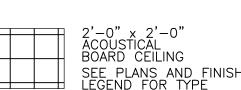
HEAD TYPES AND QUANTITIES.





PENDANT LIGHT FIXTURE PENDANT LIGHT FIXTURE ON 5/8" GYPSUM
SHEATHING AND METAL
FRAMING/SUSPENSION
SYSTEM, REFER TO WALL
SECTIONS FOR
INSULATION THICKNESS LINEAR LIGHT FIXTURE

WALL SCONCE LIGHT FIXTURE SUPPLY AIR DIFFUSER LINEAR SUPPLY AIR DIFFUS



(OS) OCCUPANCY SENSOR

(S) CEILING SPEAKER

GIBRALTAR

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PROJECT

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



- 1) EXISTING CEILING SYSTEM TO REMAIN.
- (2) open to structure above, no ceiling required.
- 3) 2" WIDE LINEAR SOFFIT VENT. LENGTH AS INDICATED.
- (4) SOFFIT "V" JOINT.
- (5) EXTERIOR INSULATION FINISH SYSTEM (EIFS) SOFFIT.
- (6) MODIFY EXISTING GRID AND ACOUSTICAL CEILING PADS AS REQUIRED FOR REMOVAL OF EXISTING STOREFRONT SYSTEM AND INSTALLATION OF NEW WALL.
- (7) CMU LINTEL, BOTTOM AT 10X'-X".
- (8) STEEL LINTEL, BOTTOM AT 10X'-X''. (9) PROJECTION SCREEN, REFER TO EQUIPMENT PLANS AND
- TECHNOLOGY DRAWINGS. (10) GYM EQUIPMENT, REFER TO EQUIPMENT PLANS.
- 11) APPROXIMATE POSITION OF RETRACTED BASKETBALL GOAL.
- (12) METAL CLOSURE PANEL BETWEEN TOP OF COOLER/FREEZER AND CEILING, REFER TO KITCHEN DRAWINGS.
- (13) METAL CLOSURE PANEL FROM TOP OF UNIT VENTILATOR TO
- ABOVE CEILING, REFER TO MECHANICAL DRAWINGS.
- (14) RECESSED PROJECTION SCREEN, REFER TO EQUIPMENT PLANS.

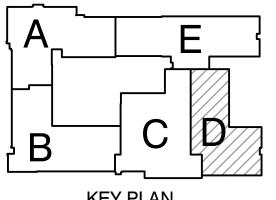
GENERAL REFLECTED CEILING PLAN FINISH NOTES:

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

- A. UNLESS NOTED OTHERWISE, GYPSUM BOARD BULKHEADS ARE TO BE B. UNLESS NOTED OTHERWISE, ALL EXPOSE STEEL STRUCTURE, METAL DECK,
- REFLECTED CEILING PLAN FINISH NOTES:

MECHANICAL AND ELECTRICAL ITEMS TO BE PAINTED PX.

- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 1 PAINT EXPOSED STRUCTURE AND DECK P1. PAINT BULKHEAD P5 ON ALL EXPOSED SIDES.
- 3 PAINT BULKHEAD P3 ON ALL EXPOSED SIDES.
- 4 BULKHEAD TO RECEIVE SAME PAINT AS ADJACENT WALLS, REFER TO FINISH PLANS AND INTERIOR ELEVATIONS.
- 5 BULKHEAD TO RECEIVE SAME WALL COVERING AS ADJACENT WALLS, REFER TO FINISH PLANS AND INTERIOR ELEVATIONS.
- 6 PAINT BULKHEAD P8 ON ALL EXPOSED SIDES.



KEY PLAN GIBRALTAR DESIGN

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

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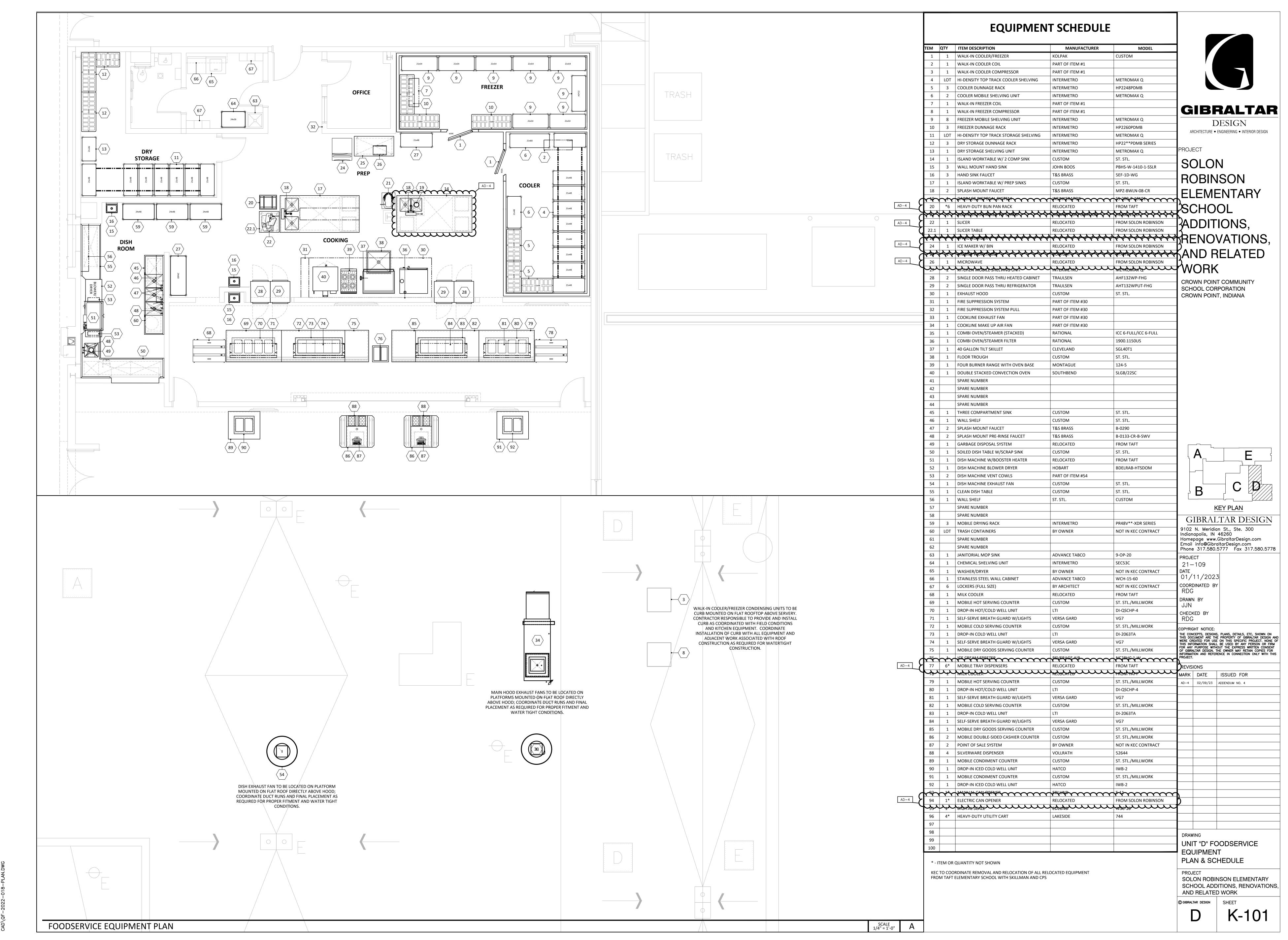
PROJECT.			
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AD-4	02/09/23	ADDENDUM	NO. 4
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UNIT "D" FIRST FLOOR

REFLECTED CEILING PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

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Thursday, 2/9/2023 — 10:44 AM — LAST SAVED BY:MARCOG:\SHARED DRIVES\RDG PROJECT DATA\RDG PROJECT FOLDER (2022)\2022—018 — GIBRALTAR _ SOLON ROBINSON ES\3. DRAWINGS\A. CAD\QF—2022—018—PLAN.DWG

ELECTRICAL EQUIPMENT MECHANICAL EQUIPMENT MECHANICAL ELECTRICAL REMARKS SOURCE SOURCE REMARKS DESCRIPTION REMARKS **REMARKS** AFF
CONN.
SIZE
M BTU
AFF
WASTE (NIKEC= NOT IN KITCHEN (NIKEC= NOT IN KITCHEN EQUIPMENT CONTRACT) EQUIPMENT CONTRACT) 1 D DFA CIRCUIT REQUIRED AT EACH DOOR WALK-IN COOLER/FREEZER SOILED DISH TABLE ARCHITECTURE • ENGINEERING • INTERIOR DESIGN ST. STL. W/ SCRAP SINK PART OF ITEM #1 DRAIN TO FLOOR DRAIN RELOCATED 120° MINIMUM HOT WATER REQ. W/ 70° 150 AMP BREAKER REQUIRED WALK-IN COOLER DISH MACHINE 5.0 1 D DFA 0.50 0.50 14 133 RISE BOOSTER. DRAIN TO FLOOR SINK PROJECT FROM TAFT W/BOOSTER HEATER 10.9 1.50 3 D ROOF REFER TO COOLER/FREEZER DWG. K400 WALK-IN COOLER PART OF ITEM #1 DISH MACHINE 45 AMP BREAKER REQUIRED COMPRESSOR BLOWER DRYER BDELRAB-HTSDOM DISH MACHINE VENT COWL PART OF HI-DENSITY TOP TRACK INTERMETRO METROMAX Q ITEM #54 COOLER SHELVING UNIT INTERMETRO DISH MACHINE SEE SHEET K500 FOR ADDITIONAL INFO SEE SHEET K500 FOR ADDITIONAL INFO EXHAUST FAN ST. STL. HP2248PDMB COOLER MOBILE **CLEAN DISH TABLE** CUSTOM INTERMETRO 55 SHELVING UNIT METROMAX Q ST. STL. 1 D DFA REFER TO COOLER/FREEZER DWG. K400 WALK-IN FREEZER PART OF ITEM #1 WALL SHELF DRAIN TO FLOOR DRAIN 1 P 96 FOR DRAIN LINE HEAT TAPE. NEMA 5-15P 19.5 3.50 1 D ROOF REFER TO COOLER/FREEZER DWG. K400 WALK-IN FREEZER PART OF ITEM #1 SPARE NUMBER COMPRESSOR FREEZER MOBILE INTERMETRO 58 SHELVING UNIT METROMAX Q FREEZER DUNNAGE INTERMETRO MOBILE DRYING INTERMETRO HP2260PDMB PR48V**-XDR SERIES HI-DENSITY TOP TRACK DRY INTERMETRO TRASH CONTAINERS METROMAX Q DRY STORAGE DUNNAGE INTERMETRO SPARE NUMBER HP22**PDMB SERIES DRY STORAGE MOBILE INTERMETRO SPARE NUMBER METROMAX Q SHELVING UNIT ADVANCE TABCO 0.50 0.50 42 ISLAND WORKTABLE W/ CUSTOM DRAIN TO FLOOR SINK FIXTURE MOUNTED DCO - 4 LOCATIONS JANITORIAL MOP SINK 3.00 0 ST.STL. 2 COMP PREP SINK JOHN BOOS INTERMETRO WALL MOUNT CHEMICAL SHELVING 1.50 18 HAND SINK PBHS-W-1410-SSLR SEC53C BY OWNER VERIFY REQUIREMENTS WITH SUPPLIER HAND SINK WASHER & DRYER 1 P 16 VERIFY REQUIREMENTS WITH SUPPLIER 0.50 0.50 18 0.50 0.50 48 5EF-1D-WG 1 P 16 VERIFY REQUIREMENTS WITH SUPPLIER FAUCET 2.00 FS DRAIN TO FLOOR SINK CUSTOM FIXTURE MOUNTED DCO - 4 LOCATIONS STAINLESS STEEL ADVANCE TABCO ISLAND WORKTABLE W/ WALL CABINET PREP SINKS WCH-15-60 SPLASH MOUNT T&S BRASS LOCKERS (FULL SIZE) BY ARCHITECT 0.50 0.50 DFA FAUCET MPZ-8WLN-08-CR 1 P SU NEMA 5-15P POVIDE FLUSH MOUNTED 2.00 SU BRANCH CW FROM FAUCET ITEM #18 3 D SU EXTEND SERVICE TO K.E.C. FURNISHED MILK COOLER RELOCATED FROM TAFT MOBILE HOT SERVING CUSTOM |HEAVY-DUTY BUN RELOCATED FROM TAFT ST. STL./ MILLWORK COUNTER DRAIN TO FLOOR DRAIN DROP-IN HOT/COLD UNIT NEMA 14-20P DI-QSCHP-4 *PLUG INTO ISLAND WORKTABLE SELF-SERVE BREATH VERSA-GARD 120 SOLON ROBINSON **GUARD W/LIGHTS** RELOCATED FROM MOBILE COLD SERVING COUNTER ST. STL./ MILLWORK DROP-IN COLD WELL UNIT DRAIN TO FLOOR DRAIN NEMA 5-15P DI-2063TA MARIO DE PARTO DE LA PERSONA D ICE MAKER W/ BIN RELOCATED FROM DRAIN TO FLOOR DRAIN SELF-SERVE BREATH VERSA-GARD 120 GUARD W/LIGHTS DRY GOODS SERVING ST. STL./ MILLWORI monomental properties and the company of the compan COUNTER BEVERAGE AIR ICE CREAM FREEZER NEMA 5-15P PROVIDE FLUSH MOUNTED ZÜNTEN MOZSERE-IMMANAN MANANAN SOLON ROBINSON **RELOCATED** MOBILE TRAY FROM TAFT **METROMAX Q** DISPENSERS LA LA MILLE COLOR DE LA CALLEGA DE LA CALLEG SINGLE DOOR PASS-THRU TRAULSEN NEMA L14-20P MOUNTED IN SOFFIT ABOVE HEATED CABINET AHF132P-FHS FROM TAFT SINGLE DOOR PASS-THRU TRAULSEN NEMA 5-15P MOUNTED IN SOFFIT ABOVE MOBILE HOT SERVING 16.0 REFRIGERATOR AHT132WUT-FHS COUNTER ST. STL./ MILLWORK 120/ 280 DROP-IN HOT/COLD UNIT EXHAUST HOOD SEE SHEET K500 FOR ADDITIONAL INFO SEE SHEET K500 FOR ADDITIONAL INFO DRAIN TO FLOOR DRAIN ST. STL. DI-QSCHP-4 FIRE SUPPRESSION SYSTEM PART OF SEE SHEET K500 FOR ADDITIONAL INFO SELF-SERVE BREATH VERSA-GARD SEE SHEET K500 FOR ADDITIONAL INFO 120 ITEM #30 GUARD W/LIGHTS FIRE PULL BOX SEE SHEET K500 FOR ADDITIONAL INFO MOBILE COLD SERVING SEE SHEET K500 FOR ADDITIONAL INFO ITEM #30 COUNTER T. STL./ MILLWORK COOKLINE EXHAUST FAN PART OF SEE SHEET K500 FOR ADDITIONAL INFO SEE SHEET K500 FOR ADDITIONAL INFO DROP-IN COLD WELL UNIT DRAIN TO FLOOR DRAIN 120 ITEM #30 DI-2063TA JJN PART OF COOKLINE MAKE UP SEE SHEET K500 FOR ADDITIONAL INFO SEE SHEET K500 FOR ADDITIONAL INFO SELF-SERVE BREATH VERSA-GARD 120 AIR FAN ITEM #30 GUARD W/LIGHTS RDG RATIONAL | 0.75 | 107 | 48 | COMBI OVEN/STEAMER DIVIDE C.W. USING MANIFOLD AND EXTEND DRY GOODS SERVING (2)0.75 36 0.75 107 48 2.00 F 120 ONE LINE THRU KEC FURNISHED FILTER. ICC 6-FULL/ICC 6-FULL ST. STL./ MILLWORK DBL STACK COUNTER COMBI OVEN/STEAMER PART OF *INTERCONNECT CW CONNECTION WITH MOBILE DOUBLE-SIDED FILTER ITEM #35 COMBI UNIT ITEM #35 **CASHIER COUNTER** ST. STL./ MILLWORK 40 GALLON TILT CLEVELAND POINT OF SALE BY OWNER DRAIN TO FLOOR TROUGH DCO. DATA LINE REQUIRED. 0.50 | 0.50 | 14 | 0.75 | 200 | 24 | 2.00 | SGL40T1 FLOOR TROUGH **CUSTOM** TRAP BELOW FLOOR FOR FLOOR TROUGH VOLLRATH SILVERWARE DISPENSER REVISIONS ST. STL. DRAIN FURNISHED BY KEC MONTAGUE MOBILE CONDIMENT FOUR BURNER RANGE 1.25 | 140 | 24 124-5 COUNTER ST. STL./ MILLWORK WITH OVEN BASE SOUTHBEND DOUBLE STACKED NEMA 5-15P (1) REQUIRED PER OVEN DROP-IN ICED COLD 0.75 | 144 | 24 IWB-2 SLGB/22SC CONVECTION OVEN SPARE NUMBER MOBILE CONDIMENT COUNTER ST. STL./ MILLWORK DROP-IN ICED COLD SPARE NUMBER IWB-2 EDLUND SPARE NUMBER MANUAL CAN OPENER THE TOTAL PROPERTY OF THE PROP ELECTRIC CAN OPENER RELOCATED FROM LI LINGUE LE LINGUE LINGUE LE LINGUE THREE COMPARTMENT 2.00 | FS | VERIFY WITH LOCAL CODE 2.00 12 **CUSTOM** |WALL SHELF HEAVY-DUTY UTILITY CART LAKESIDE SPLASH MOUNT T&S BRASS 0.75 0.75 14 FAUCET B-0290 SPLASH MOUNT T&S BRASS 0.50 0.50 14 B-0133-CR-B-SWV PRE-RINSE FAUCET EXTEND SERVICE TO K.E.C. FURNISHED GARBAGE DISPOSAL RELOCATED BRANCH CW FROM FAUCET ITEM #24 SYSTEM FROM TAFT CONTROL PANEL. THRU SOLENOIDS & VACUUM BREAKER DUPLEX CONVENIENCE * - ITEM OR QUANTITY NOT SHOWN RECEPTACLE

KEC TO COORDINATE REMOVAL AND RELOCATION OF ALL RELOCATED EQUIPMENT

FROM TAFT ELEMENTARY SCHOOL WITH SKILLMAN AND CPS

FURNISH HORIZONTAL RECEPTACLE WHEN MOUNTED

ABOVE COUNTERTOP

AD-4

Thursday, 2/9/2023 — 10:47 AM — LAST SAVED BY: G:\SHARED DRIVES\RDG PROJECT DATA\RDG PROJECT FOLDER (2022)\2022—018 — GIBRALTAR _ SOLON ROBINSON ES\3. DRAWINGS\A. CAD\QF—2022—018—SPOT.DWG

DUPLEX CONVENIENCE

RECEPTACLE

GIBRALTAR DESIGN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

GIBRALTAR DESIGN Indianapolis, IN 46260 Homepage www.GibraltarDesign.com Email info@GibraltarDesign.com

Phone 317.580.5777 Fax 317.580.5778 PROJECT 21-109 01/11/2023

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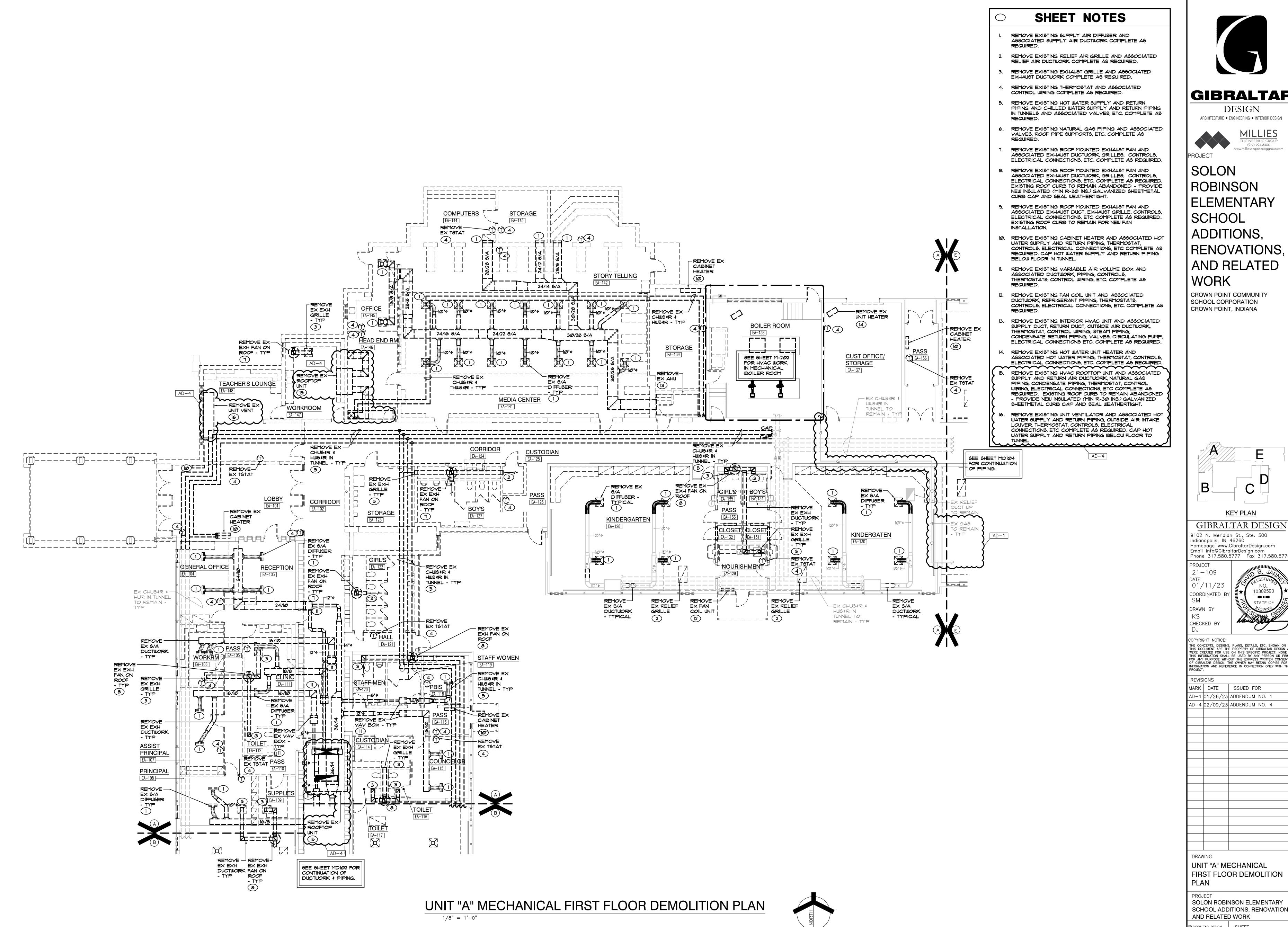
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DRAWING UNIT "D" FOODSERVICE **EQUIPMENT** SPOT LOCATION SCHEDULES

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS. RENOVATIONS.

AND RELATED WORK GIBRALTAR DESIGN SHEET

K-200



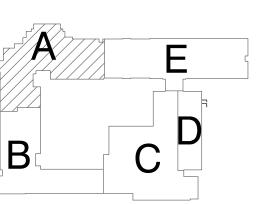
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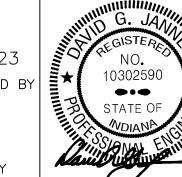
CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

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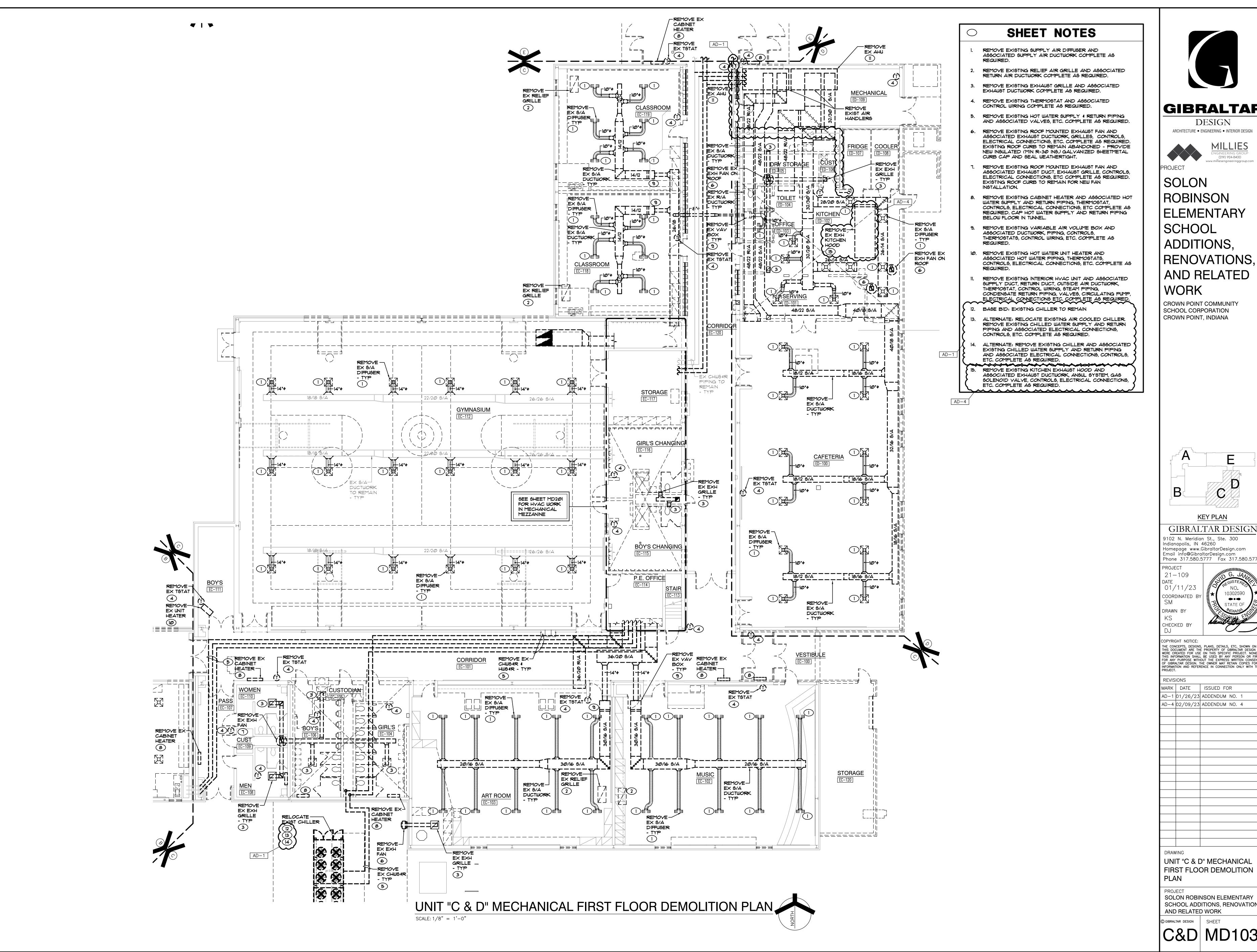
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UNIT "A" MECHANICAL FIRST FLOOR DEMOLITION PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

GIBRALTAR DESIGN SHEET

MD101





GIBRALTAR

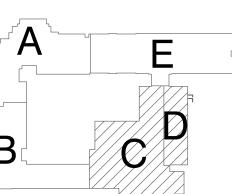
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SOLON **ROBINSON** | ELEMENTARY SCHOOL RENOVATIONS, AND RELATED WORK

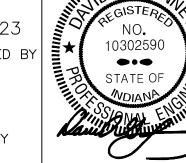
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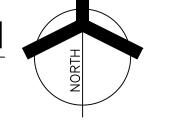
UNIT "C & D" MECHANICAL FIRST FLOOR DEMOLITION

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

|C&D| MD103

BOILER ROOM ----BOILER BOILER - TYP / HW BOILER PUMP-TYP -REMOVE EX EXPANSION BOILER VENT-TYP-- REMOVE EX EXPANSION - REMOVE EX TANK T==== H.W. PIPING 3 EX H.W. PIPING -TYP -REMOVE EX ---EXPANSION - - -EX H.W. PIPING -TYP -GLYCOL SYSTEM 5 EX H.W. PIPING TO REMAIN REMOVE EX — HW PUMP-TYP

PARTIAL UNIT "A" MECHANICAL DEMO FIRST FLOOR PLAN SCALE: 1/4" = 1'-0"



SHEET NOTES

- REMOVE EXISTING BOILERS AND ALL ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, GAS PIPING, MAKE-UP WATER, EXPANSION TANK, SPECIALTIES, FLUES, CONTROLS, ELECTRICAL POWER CONNECTIONS, ETC COMPLETE AS REQUIRED.
- 2. REMOVE EXISTING COMBUSTION AIR INTAKE AND VENT FLUES AND ASSOCIATED DAMPERS, HOOD, LOUVER, CONTROLS, ELECTRICAL CONNECTIONS, ETC COMPLETE AS REQUIRED. CAP INTAKE OPENING WITH R-22 INSULATED SHEETMETAL PANEL COMPLETE AS

REQUIRED.

- 3. REMOVE EXISTING EXPANSION TANK AND ASSOCIATED PIPING COMPLETE AS REQUIRED.
- 4. REMOVE EXISTING HOT WATER PUMP AND ALL ASSOCIATED HOT WATER SUPPLY AND RETURN PIPING, VALVES, CONTROLS, ELECTRICAL POWER CONNECTIONS, ETC COMPLETE AS REQUIRED.
- 5. REMOVE EXISTING GLYCOL SYSTEM AND ASSOCIATED PIPING, ETC. COMPLETE AS REQUIRED.
- 6. REMOVE EXISTING AIR SEPARATOR AND ASSOCIATED PIPING, SUPPORTS, ETC. COMPLETE AS REQUIRED.

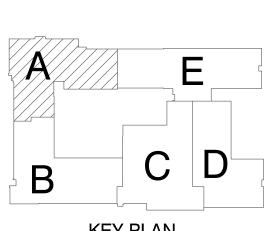


DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

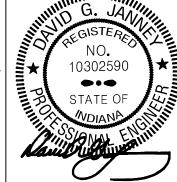


KEY PLAN GIBRALTAR DESIGN

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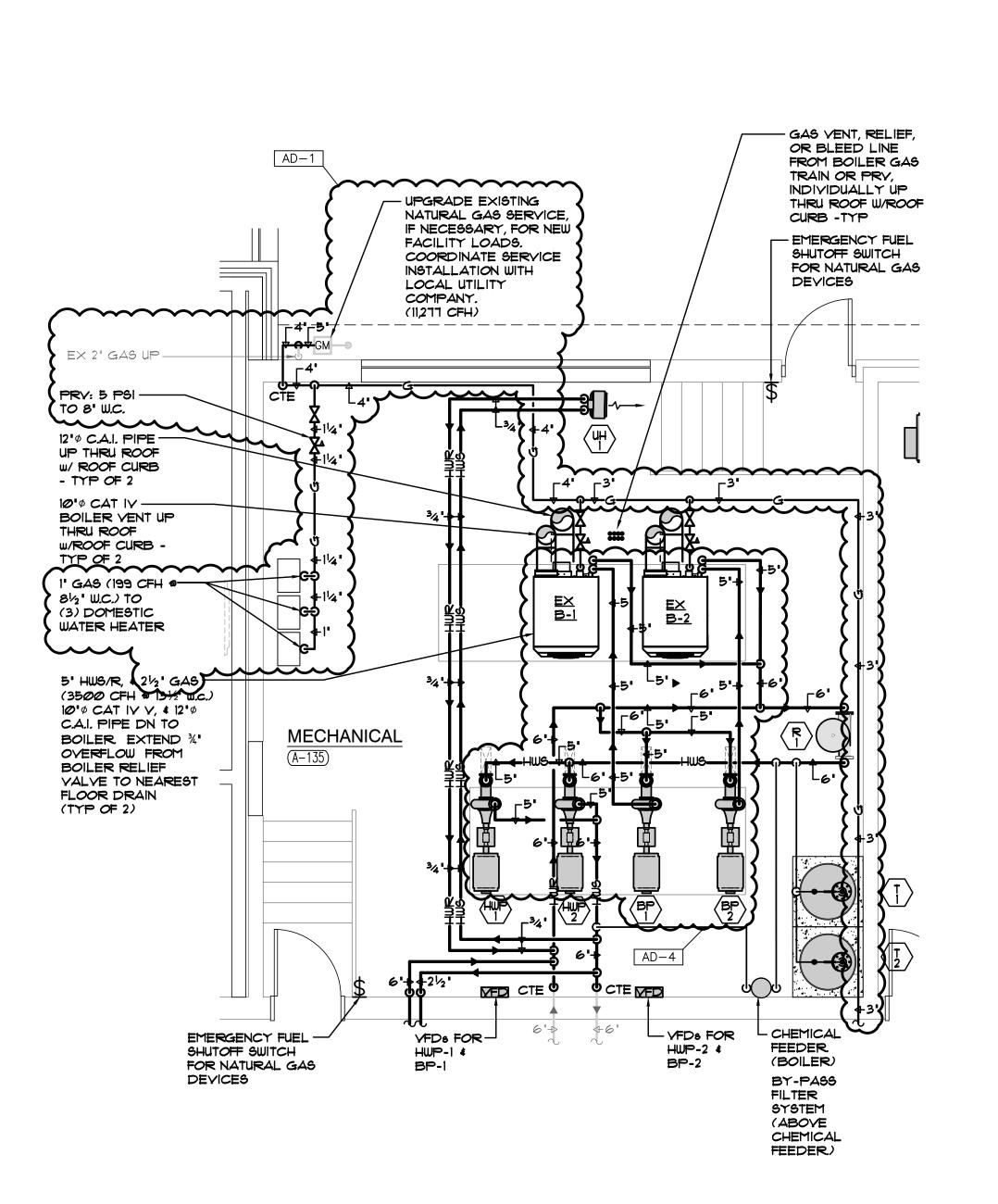
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PARTIAL UNIT "A" MECHANICAL FIRST FLOOR PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

A



							MEC	HAN	ICAL E	EQU	IPMENT	SC	HEDUI	LE															
				FAN MOTOR I	DATA		EXHAUST F	ANS	DX COO	LING EQ	UIPMENT/COIL DAT	ΓΑ	GAS HEAT'C	S EQUIP DATA	CHILLED WAT	ER COOLING E	QUIPMENT/C	COIL DATA	HOT WATER H	EATING EQUIP/C	COIL DATA HOT	WATER PRI	EHEAT COIL DA	ATA .		ELECTRIC	AL DATA	UNITS E	EQUIP
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	MIN. C	OAI CFM								MBH MBH						AX MBH MBH		MAX MBI			MAXLOAD					WEIGHT REMARKS
C-1	TRANE	RTAC25Ø	GRADE MOUNTED AIR COOLED CHILLER (ALTERNATE)	CFM HIGH	H LOW ESP	BHP HP	RPM CFM ESF	BHP HP			EWB LDB LWB										EWT LWT WPD KOUT	-							15191 NOTE 12.
EX B-I	-	-	BOILER FURNISHED BY OWNER													- - -					160 180					30 208 1		EX FMS	N
EX B-2	-	•	BOILER FURNISHED BY OWNER													- - -		- -			160 180				20 -	30 208 1	60 × -	EX FMS	1840 -
AH-1	TRANE	C\$AA@21		9700 4695	5 - 2.7	- 20		-		- -					605 365 8	0 83.8 70.0	49.7 49.6	42 54 2	0 - 485 4	48.5 45.Ø 91.1	180 160 20 -			14		125 208 3	3 60 × -	EX FMS	5177 NOTE 2.
			INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - VAV				- 9700 1.4	- 10								- - -								35		60 208 3	3 60 × -	-	
	TRANE	CSAAØ21		10600 7175	5 1060 1.4	- 20				. .					691 425 9	32 85.8 70.6	49.5 49.4	42 54 2	Ø - 311 S	31.0 50.0 77.1	180 160 20 517	52.0 45.0	90 180 160	20 - 74		125 208 3	3 60 × -	EX FMS	5503 NOTE 2.
			INTERIOR CENTRAL STATION AIR HANDLING UNIT HOT WATER HEATING / CHILLED WATER COOLING - SZYAY				- 10600 1.1	- 10		_ _						_								53		90 208 3	3 60 × -	_	
RT-1	TRANE	YSJ15@A3S@H	ROOF MOUNTED GAS FIRED / DX COOLING ROOFTOP UNIT-VAY	4425 725	- 17	- 3.1			- 139 116	6 766	62.5 52 51.1	95 MOD	250 203	65 107 MOI										64		90 208 3		EX FMS	1898 NOTE 3.
u∨-1	ENGINEERED AIR	RUY800	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	800 65		- 1/2									24.4 18.6 4	0 777 649	562 550	42 54	2 - 196	2.0 64.8 87.5	180 160 12 -	+		10		15 120 1			535 NOTE 4.
	ENGINEERED AIR	RUV1200	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	1200 460		- 3/4									48.8 33.2 8					6.0 39.0 82.6				12		20 120 1			590 NOTE 4.
UV-2										- -		- -												15					
U ∨-3	ENGINEERED AIR	RUV1600	VERTICAL UNIT VENTILATOR - 4 PIPE HOT/CHILLED WATER	1600 705											70.9 46.3 11					8.4 33.9 79.3				13		20 120 1			100 NOTE 4.
FC-1	TRANE	FCCBØ2Ø	HORIZONTAL CONCEALED FAN COIL UNIT	325 25						- -					8.4 5.9 1					1.3 65.6 106				2.8		15 120 1	60 × -	EX FMS	81 NOTE 5.
FC-2	TRANE	FCCBØ4Ø	HORIZONTAL CONCEALED FAN COIL UNIT	310 115	- 0.5	- Ø.13	1619	- -		- -					12.1 8.9 2	Ø 82.1 67.3	55.7 54.6	42 54	2 - 18.3	1.8 42.9 97.3	180 160 12 -			28		15 120 1	60 × -		NOTE 5.
FC-3	TRANE	FCCBØ6Ø	HORIZONTAL CONCEALED FAN COIL UNIT	675 120	- 0.5	. 0.25	1835			- -		- -			18.2 12.7 3	Ø 19.1 6T.7	61.9 59.4	42 54	2 - 48.2	4.9 57.3 125	180 160 12 -			3.9		15 120 1	60 × -	EX FMS	140 NOTE 5.
FC-4	TRANE	FCCBIØØ	HORIZONTAL CONCEALED FAN COIL UNIT	900 50	- 05	- 0.25	1600	- -		- -					21.0 18.5 3	.5 77.1 63.8	58.3 56.0	42 54	2 - 67.3	6.7 66.9 136	180 160 12 -			6.1		15 120 1	60 × -	EX FMS	200 NOTE 5.
FC-5	TRANE	FCEBØ8Ø	HORIZONTALRECESSED FAN COIL UNIT	945 130	- 0.5	- 0.25	1622			- -					28.5 24.1 4	18.3 64.1	54.9 53.8	42 54	2 - 35.8	2.4 61.0 96	180 160 12 -			6.1		15 120 1	60 × -	EX FMS	200 NOTE 6.
CH-1	TRANE	FFNBØ4Ø	VERTICAL RECESSED HOT WATER CABINET HEATER	400 0	- 0.1	- Ø.1	1163			- -									29.4	2.9 60.0 128	180 160 5 -			2.8		15 120 1	60 × -	EX FMS	88 NOTE 7.
CH-2	TRANE	FFNB120	VERTICAL RECESSED HOT WATER CABINET HEATER	1200 0	- 0.1	- 03	1211			- -						- - -		- -	87.8	8.8 60.0 127	180 160 5 -			6.1		15 120 1	60 × -	EX FMS	253 NOTE 7.
CH-3	TRANE	FFEBØ4Ø	HORIZONTAL CEILING RECESSED HOT WATER CABINET HEATER	400 0	- 0.1	- 0.1	1153	- -		- -		- -				- - -	- -	- -	- 29.4	2.9 60.0 128	180 160 5 -		- - -	2.8	- -	15 120 1	60 × -	EX FMS	88 NOTE 8.
UH-1	VULCAN	H ∨-36	HOT WATER SUSPENDED UNIT HEATER	480 -		- 0.02	1350		- - -	- -		- -				- - -	- -	- -	- 23.5	2.7 60 100	180 160 5 -			1.1	- -	15 120 1	60 × -	EX FMS	30 NOTE 9.
AC-1/CU-1	мітэцвізні т	PKA-A12/TRUY-Ø1	2 WALL MTD AC/ROOF MTD AIR COOLED CONDENSING UNIT	320 -					- 12 -	- -		95 1					- -							11		28 208 1	60 × -	EX FMS	29/92 NOTE 10.
AC-2/CU-2	MITSUBISHI TE	KA-A36/TRUY-0:	36 WALL MTD AC/ROOF MTD AIR COOLED CONDENSING UNIT	705 -					- 36 -	- -		95 1				- - -		- -						25		30 208 1	60 × -	EX FMS	46/215 NOTE 10.
TEF-1	TWIN CITY	YC-Ø85	TOLIET EXHAUST FAN				- 180 0.4	0.03 1/6	1569	- -						- - -								- 1/6 -		- 120 1	60 - ×	EX FMS	50 NOTE 11.
TEF-2	TWIN CITY	VC-089	TOLIET EXHAUST FAN				- 390 0.5	0.06 1/6	1687	- -						- - -		- -						- 1/6 -		- 120 1	60 - ×	EX FMS	50 NOTE 11.
TEF-3	TWIN CITY	∨C-Ø17	TOLIET EXHAUST FAN				- 325 Ø.4	0.02 1/6	1515							- - -		- -						- 1/6 -	- -	- 120 1	60 - ×	EX FMS	50 NOTE 11.
TEF-4	TWIN CITY	VC-Ø85	TOLIET EXHAUST FAN				- 220 0.4	0.03 1/6	1624	- -														- 1/6 -		- 120 1	60 - ×	EX FMS	50 NOTE 11.
TEF-5	TWIN CITY	YC-Ø85	TOLIET EXHAUST FAN				- 220 0.4	0.03 1/6	1624	- -														- 1/6 -		- 120	60 - ×	EX FMS	50 NOTE 11.
TEF-6	TWIN CITY	VC-085	TOLIET EXHAUST FAN				- 220 0.4	0.03 1/6	1624	- -						- - -		- -						- 1/6 -		- 120 1	60 - X	EX FMS	50 NOTE 11.
T <u>E</u> F-7	TWIN CITY	VC-Ø11	TOLIET EXHAUST FAN				- 120 0.4	0.02 1/6	1515	- -														- 1/6 -		- 120 1	60 - ×	EX FMS	50 NOTE 11.
TEF-8	TWIN CITY	DCRD-120	TOLIET EXHAUST FAN				- 1040 0.6	0.22 1/2	15@5															- 1/2 -		- 120 1	1 60 - X	EX FMS	65 NOTE 11.
TEF-9	TWIN CITY	VC-12Ø	TOLIET EXHAUST FAN					0.11 1/6		_ _						_ _			_ _					- 1/6 -		- 120 1			50 NOTE 11.
TEF-10	TWIN CITY	VC-089	TOLIET EXHAUST FAN					0.03 1/6		_ _						_ _	_ _		_ _	_ _				- 1/6 -		- 120 1	+ + + -		50 NOTE 11.
TEF-11	TWIN CITY	VC-085	TOLIET EXHAUST FAN					0.03 1/6								_ _	_		_ _					- 1/6 -	+ + -		1 60 - X		50 NOTE 11.
TEF-12			TOLIET EXHAUST FAN			- -				_			_ -			_ - -	_ •	_ -		_ - •				2/4			+ + + -		
	TWIN CITY	DCRD-130						0.21 3/4				- -	- -		- -		- -	- -	- - -	- - -	- - - -		+ +	- 2/4 -	+	- 120 1			80 NOTE II.
TEF-13	TWIN CITY	DCRD-160	TOLIET EXHAUST FAN				- 2090 0.7	0.64 1	1232											- - -				- 1 -	- -	- 120 1	1 60 - X	EX FMS	100 NOTE 11.

NOTE 1: PROVIDE WITH:

AD-4

· COMBUSTION AIR INTAKE DAMPER • NEUTRALIZATION BASIN SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

DCRD-150

DCRD-140

TWIN CITY

TWIN CITY

SEE PLANS AND SECTIONS FOR LAYOUT OF AIR HANDLING UNIT. SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PROVIDE WITH: •INTEGRATED ECONOMIZER WITH DIFFERENTIAL ENTHALPY SENSORS

• DISCONNECT SWITCH HINGED ACCESS PANELS • YIBRATION ISOLATION ROOF CURB W/ HUSHCORE

• LOW LEAK ECONOMIZER DAMPERS • POWERED EXHAUST FAN • ENERGY RECOVERY

DECK DS-52 ACOUSTICAL TREATMENT

• DOUBLE WALL CONSTRUCTION • YARIABLE SPEED COMPRESSOR SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. NOTE 4: PROVIDE WITH: •INTEGRATED ENTHALPY ECONOMIZER • DISCONNECT SWITCH

TOLIET EXHAUST FAN

TOLIET EXHAUST FAN

·FACE/BYPASS DAMPER • CONDENSATE PUMP (WHERE INDICATED ON PLANS) • 10' WIDE SIDE MOUNTED PIPE CHASE W/ ACCESS • 10" DEEP FASLEBACK FOR UNITS W/ DUCTED

OUTSIDE AIR CONNECTIONS (WHERE INDICATED ON SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. NOTE 5:

PROVIDE WITH: • DISCONNECT SWITCH VIBRATION ISOLATION HANGERS • TERMINAL STRIPS FOR DDC READY SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PROVIDE WITH: • DISCONNECT SWITCH VIBRATION ISOLATION HANGERS
TERMINAL STRIPS FOR DDC READY
HORIZONTAL RECESSED PANEL SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. PROVIDE WITH:

1160 | 0.6 | 0.26 | 1 | 1073 |

1740 06 037 3/4 1409

 INTEGRAL THERMOSTAT • DISCONNECT SWITCH SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS. NOTE 8:

PROVIDE WITH: • DISCONNECT SWITCH VIBRATION ISOLATION HANGERSTERMINAL STRIPS FOR DDC READY SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

PROVIDE WITH: • WALL MOUNTED THERMOSTAT DISCONNECT • VIBRATION ISOLATION HANGERS SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS PROVIDE CONDENSING UNIT WITH: · LOW AMBIENT CONTROLS FOR 100% COOLING DOWN TO -10°F. · EQUIPMENT SUPPORT RAILS PROVIDE AC INDOOR UNIT WITH: · WALL MOUNTED WIRED THERMOSTAT CONDENSATE PUMP • WALL MOUNTING HARDWARE SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS NOTE II: PROVIDE WITH: • ECM MOTOR WITH POTENTIOMETER SPEED CONTROLLER

• MOTORIZED DAMPER

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS

• BIRD SCREEN

• ROOF CURB

	NATURAL GAS CONNECTION SCI		<u> </u>	
TAG	DESCRIPTION	LOCATION	CAPACITY CFH	REMARKS
RT-1	ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - YAY	ROOF	250	-
B-1	ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - YAY	A-135 MECHANICAL	3500	-
B-2	ROOF MOUNTED GAS FIRED / DX COOLING PACKAGED UNIT - YAY	A-135 MECHANICAL	3500	-
-	TANKLESS WATER HEATER	A-135 MECHANICAL	199	-
-	TANKLESS WATER HEATER	A-135 MECHANICAL	199	-
-	TANKLESS WATER HEATER	A-135 MECHANICAL	199	-
-	EMERGENCY GENERATOR	ROOF	2460	-
-	ROOF MOUNTED GAS FIRED PACKAGED UNIT - KITCHEN MAKE-UP AIR UNIT	ROOF	272	-
-	COMBIOVEN / STEAMER DOUBLE STACK	D-115 KITCHEN	214	-
-	40 GALLON TILT SKILLET	D-115 KITCHEN	200	-
-	FOUR BURNER RANGE WITH OVEN BASE	D-115 KITCHEN	140	-
-	DOUBLE STACK CONVECTION OVEN	D-115 KITCHEN	144	-

	R	RT-1 VAV	TEI	RMIN	AL S	CHE	DUL	_E				
TAG	MANUFACTURER MODEL		INLET CFM SETTING			HW REHEAT COIL DATA				CONTROL SEQU	ENCE	REMARKS
			DIA.	MAX CFM	MIN CFM	MBH	GPM	WPD	EWT	OPEN/ CLOSED	OPEN/CLOSED/	
14	NAILOR	D30RW-06	6'	365	50	11.9	1.2	5'	180	-	×	-
B	NAILOR	D30RW-06	6'	390	55	12.7	1.3	5'	180	-	×	-
10	NAILOR	D30RW-06	6'	335	45	10.9	1.1	5'	180	-	×	-
ID	NAILOR	D3ØRW-12	12"	1,350	185	43.9	4.4	5'	180	-	×	-
ΙE	NAILOR	D30RW-07	7'	410	55	13.3	1.3	5'	180	-	×	-
1=	NAILOR	D30RW-07	7'	550	75	14.9	1.5	5'	180	×	-	-
IG	NAILOR	D3ØRW-Ø5	5'	195	25	6.3	0.6	5'	180	-	×	-
1H	NAILOR	D30RW-07	7'	430	60	14.0	1.4	5'	180	-	×	-
11	NAILOR	D30RW-08	8'	685	95	22.3	2.2	5'	180	-	×	-
IJ	NAILOR	D30RW-06	6'	290	40	9.4	Ø.9	5'	180	-	×	-
1K	NAILOR	D30RW-05	5'	265	35	8.6	<i>0.</i> 9	5'	180	-	×	-

\bigcirc	A	AH-1 VAV	TEI	RMIN	AL S	CHE	DUI	LE				
TAG	MANUFACTURER	MODEL INLET CFM SETTING HW REHEAT COIL DATA CONTROL SEQUENCE		ENCE	REMARKS							
			DIA.	MAX.	MIN.	MBH	GPM	WPD	EWT	OPEN/	OPEN/CLOSED/	
				CFM	CFM					CL0SED	OPEN	
2.4	NAILOR	D30RW-14	14"	2,440	פרוו	T9.4	T.9	5	180	-	×	-
2B	NAILOR	D3ØRW-14	14"	2,440	פרוו	19.4	T.9	5	180	-	×	-
2C	NAILOR	D30RW-10	9	1,155	555	37.6	3.8	5	180	-	×	-
2D	NAILOR	D30RW-08	8'	740	355	2@.1	2.0	5'	180	×	-	•
2Έ	NAILOR	D30RW-07	Ť	550	265	14.9	1.5	5	180	×	-	-
2⊨	NAILOR	D30RW-14	14"	2,430	שרוו	1.er	7.9	5'	180	-	×	•

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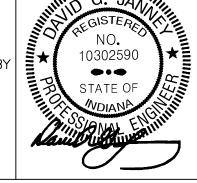
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AD-4	02/09/23	ADDENDUM	NO.	4

MECHANICAL SCHEDULES

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

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\bigcirc			PUMP SCHEDULE									
							PUMP	MOTOR	DATA	I	SUCTION/	
TAG	MANUFACTURER	MODEL NUMBER	DESCRIPTION	GPM	HEAD	₽	RPM	VOLT	PHASE	HZ.	DISCHARGE	REMARKS
		~~~~~			LET L	~				$\sim$	SIZE	
BP-I	BELL & GOSSETT	SERIES 1510: 3BD	BASE MOUNTED BOILER RECIRCULATION PUMP	332	45	7,5	1750	208	3	60	4' / 3'	}-
BP-2	BELL & GOSSETT	SERIES 1510: 3BD	BASE MOUNTED BOILER RECIRCULATION PUMP	332	45	7,5	1750	208	3	60	4' /3'	<b>}</b>
			<del>~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~</del>	<del></del>	~~	$\overline{}$	1	1	~~	<del></del>		
CP-I	BELL & GOSSETT	SERIES 1510: 4BD	BASE MOUNTED CHILLER RECIRCULATION PUMP (C-1)	520	50	10	1750	208	3	60	5" / 4"	-
HWP-1	BELL & GOSSETT	SERIES ISIØ: 2EB	BASE MOUNTED HOT WATER DISTRIBUTION PUMP	119	120	10	1750	208	3	60	3" / 2"	-
HWP-2	BELL 4 GOSSETT	SERIES 1510: 2EB	BASE MOUNTED HOT WATER DISTRIBUTION PUMP	119	120	10	1750	208	3	60	3' / 2'	
CHWP-1	BELL 4 GOSSETT	SERIES 1510: 2GB	BASE MOUNTED CHILLED WATER DISTRIBUTION PUMP	260	115	Ð	1750	208	3	60	3' / 2'	-
CHWP-2	BELL & GOSSETT	SERIES 1510: 2GB	BASE MOUNTED CHILLED WATER DISTRIBUTION PUMP	260	115	15	1750	208	3	60	3' / 2'	

AD-4

	GRILLE, REGISTER & DIFFUSER SCHEDULE											
TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	AIR PATTERN	MOUNTING	SIZE	TYPE OF CONTROL	REMARKS				
A2	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	2-WAY	2' × 2' LAY-IN PANEL	SEE Plans	OBD.	* ALL DIFFUSERS AND REGISTERS SHALL HAVE A WHITE FINISH UNLESS OTHERWISE NOTED				
<b>A</b> 3	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	3-WAY	2' × 2' LAY-IN PANEL	SEE Plans	O.B.D.	* ALL DIFFUSERS AND REGISTERS SHALL HAVE A WHITE FINISH UNLESS OTHERWISE NOTED				
Δ4	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	4-WAY	2' × 2' LAY-IN PANEL	SEE Plans	O.B.D.	* ALL DIFFUSERS AND REGISTERS SHALL HAVE A WHITE FINISH UNLESS OTHERWISE NOTED				
AB	NAILOR	6500-0	SUPPLY CEILING DIFFUSER	3-WAY	2' X 1' LAY-IN PANEL	SEE Plans	O.B.D.	* ALL DIFFUSERS AND REGISTERS SHALL HAVE A WHITE FINISH UNLESS OTHERWISE NOTED				
RI	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE Plans	OBD.	* ALL DIFFUSERS AND REGISTERS SHALL HAVE A WHITE FINISH UNLESS OTHERWISE NOTED				
TI	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	LAY-IN PANEL	SEE Plans	-	* ALL DIFFUSERS AND REGISTERS SHALL HAVE A WHITE FINISH UNLESS OTHERWISE NOTED				

$\bigcirc$	INTAKE/RELIEF HOOD SCHEDULE										
TAG	MANUFACTURER	MODEL *	THROAT SIZE	DESCRIPTION	HOOD LOCATION	REMARKS					
IH-1	ACME	#TIY	SEE PLANS	OUTSIDE AIR INTAKE HOOD FOR AH-1\$2	ROOF	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.					
RH-1	ACME	#TEY	SEE PLANS	EXHAUST/RELIEF AIR HOOD FOR AH-142 AND UNIT VENTS	ROOF	PROVIDE W/ BIRDSCREEN, AND 18" HIGH ROOF CURB.					

$\bigcirc$			LOUVER SCH	EDULE	
TAG	MANUFACTURER	MODEL NO.	DESCRIPTION	SIZE	REMARKS
LV-1	NAILOR	1605WD	OUTSIDE AIR INTAKE LOUVER	SEE DRAWINGS	ALUMINUM KYNAR 500 CUSTOM FINISH SUBMIT COLOR CHARTS FOR APPROVAL.



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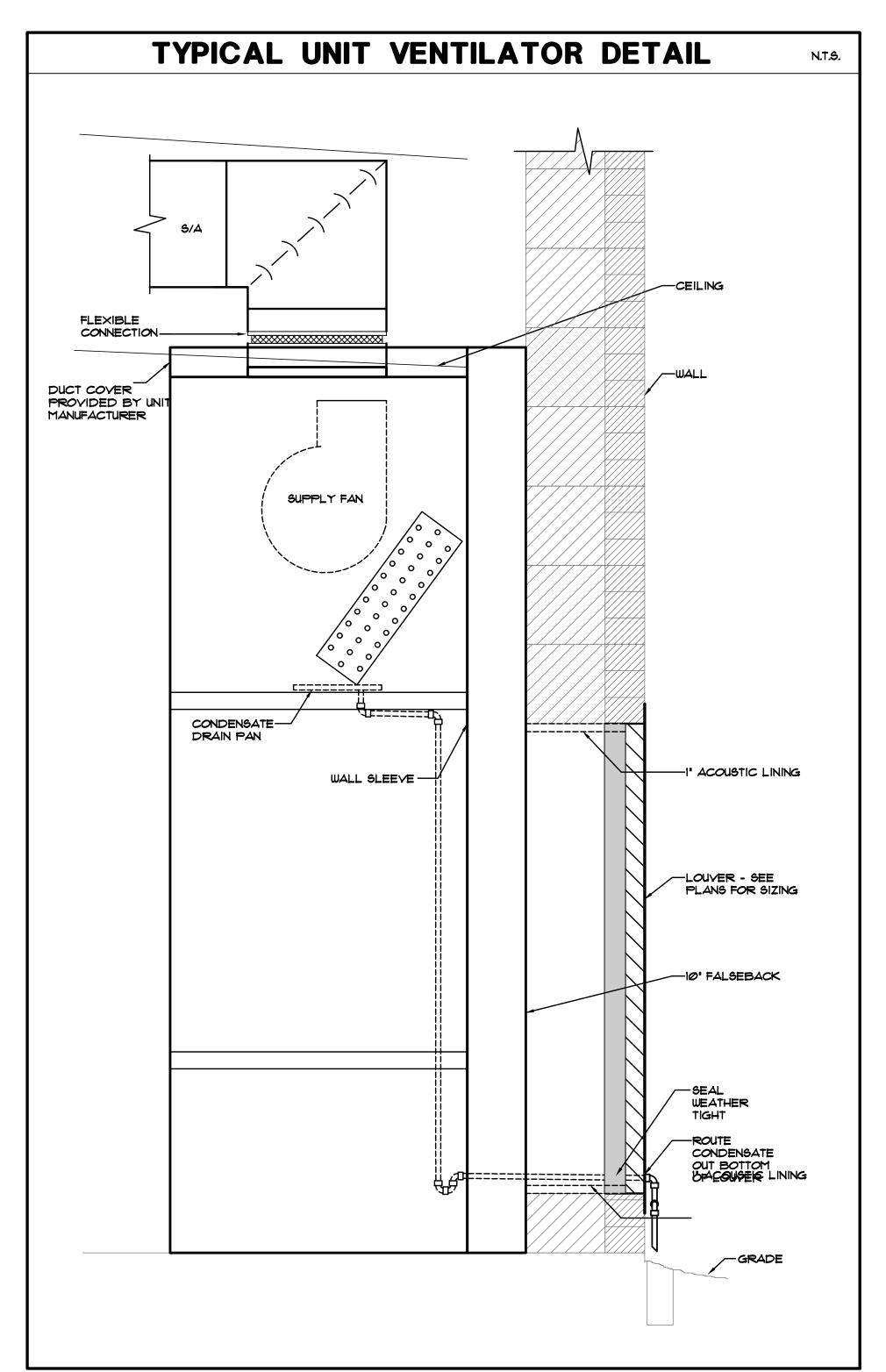
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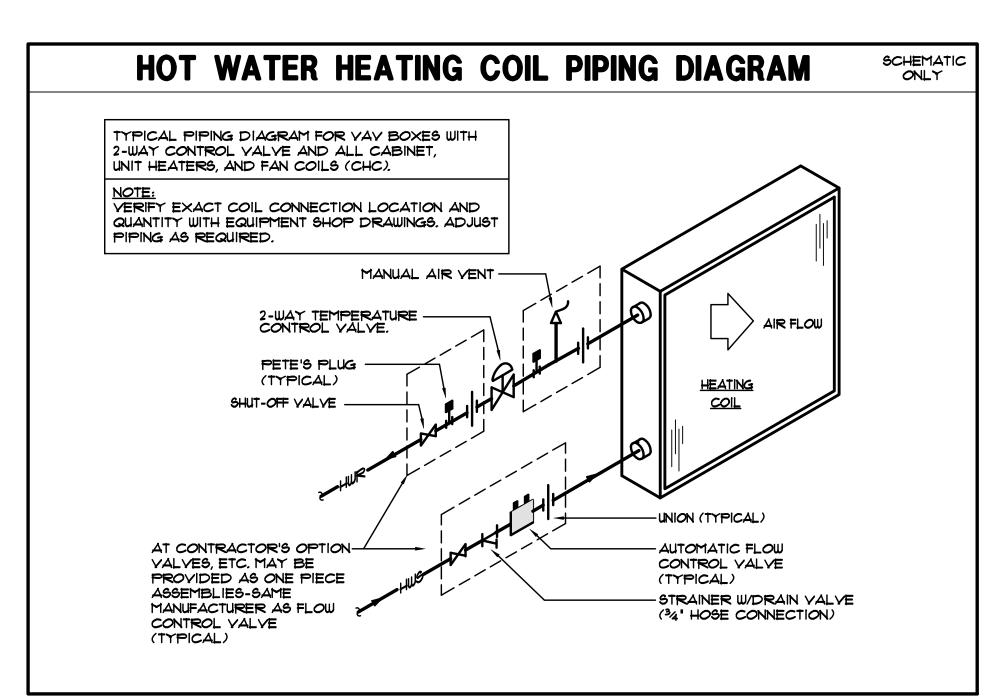
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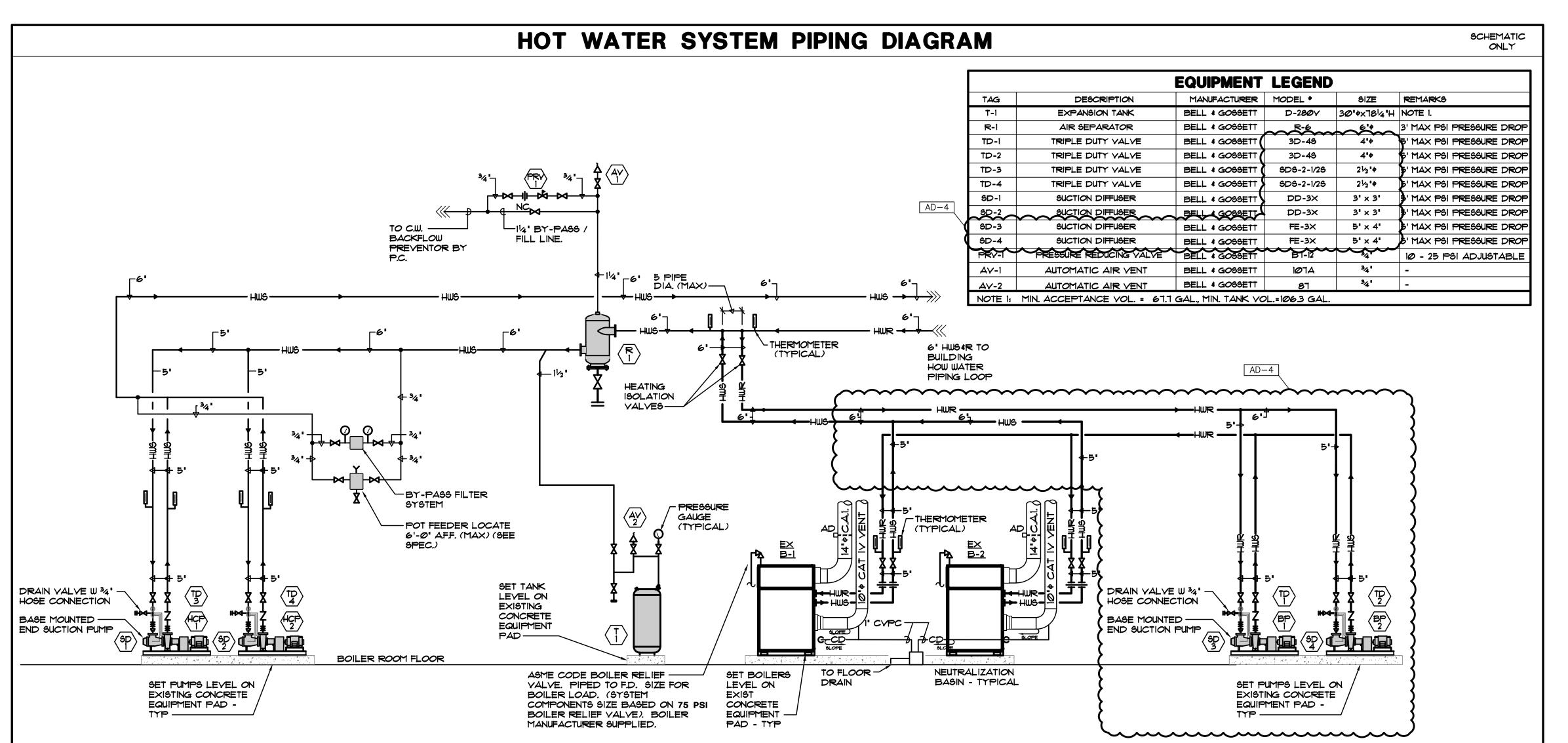
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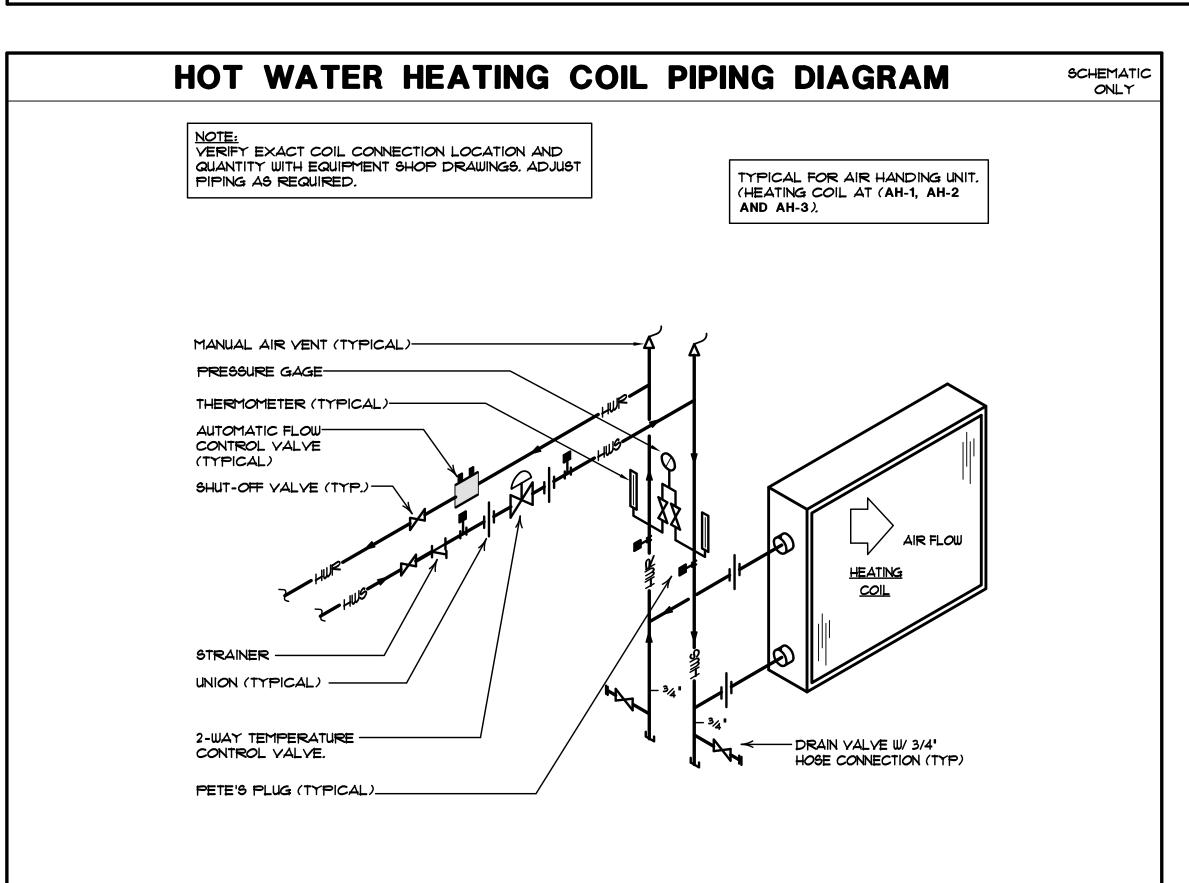
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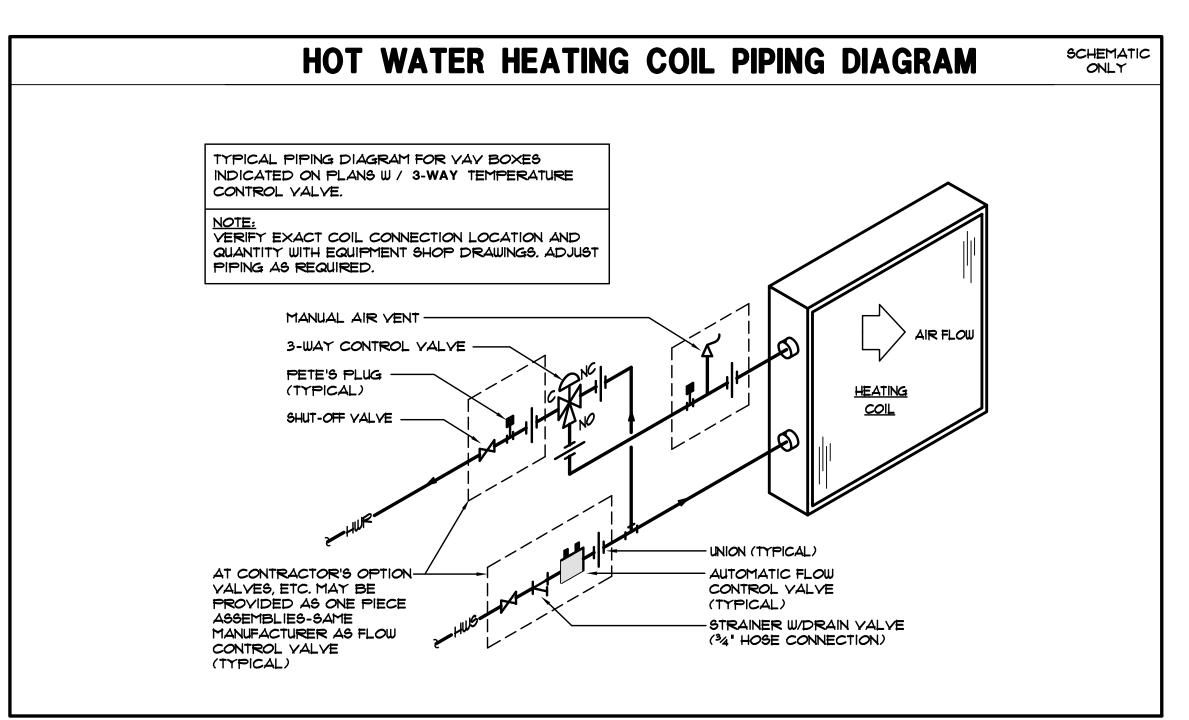
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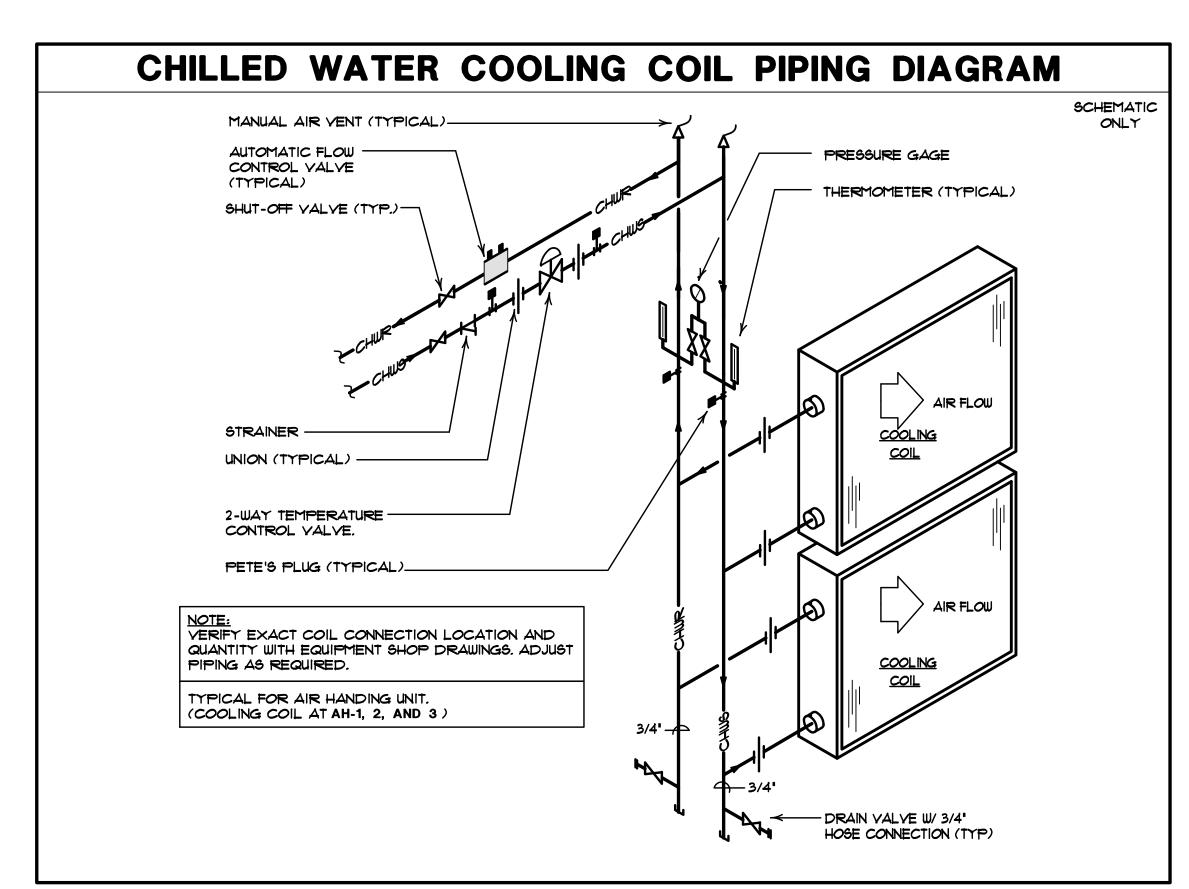


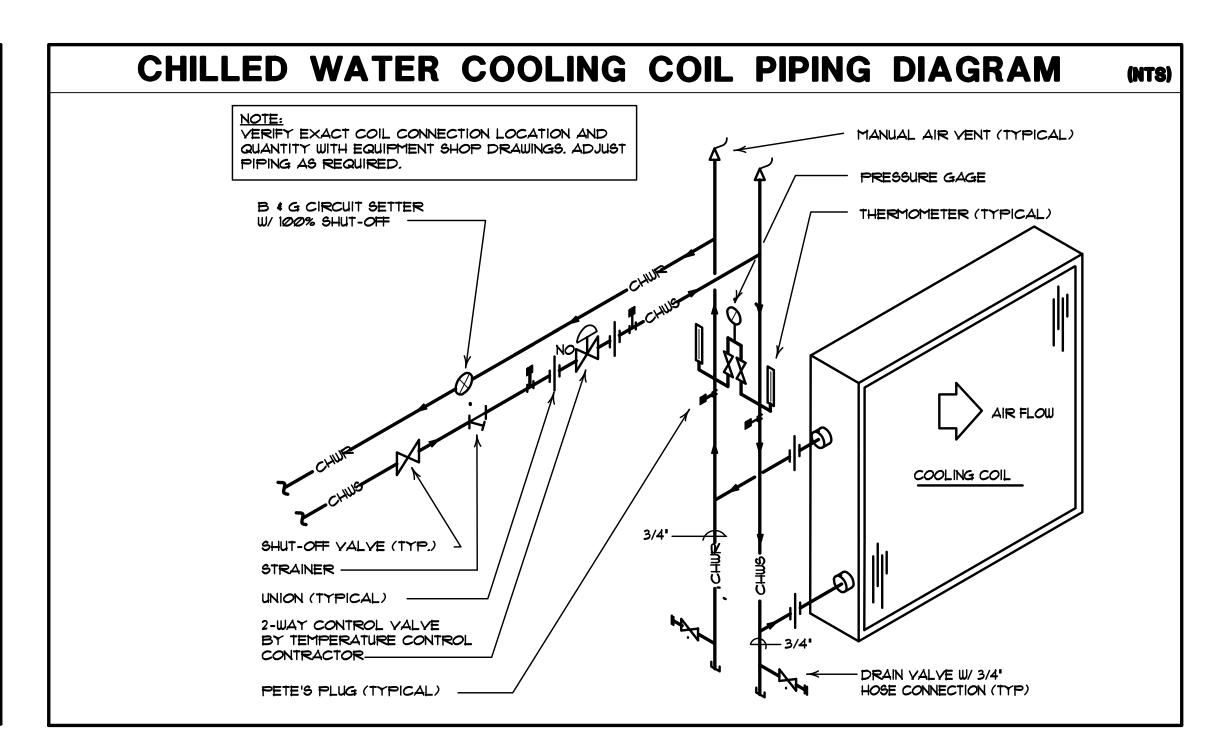














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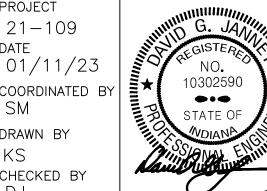


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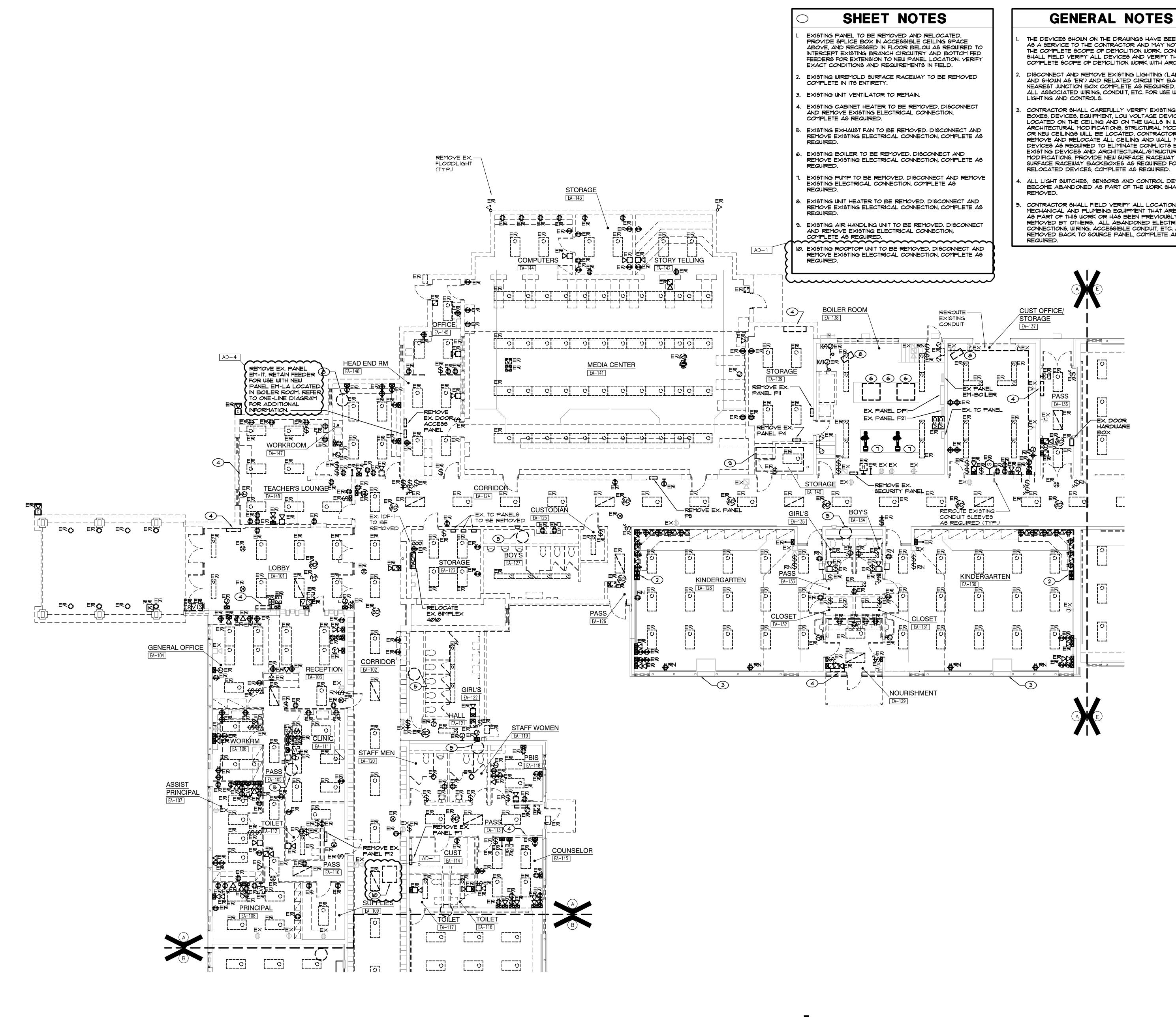
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MECHANICAL DETAILS & DIAGRAMS

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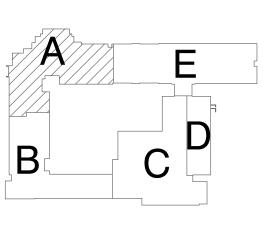
- THE DEVICES SHOWN ON THE DRAWINGS HAVE BEEN LOCATED AS A SERVICE TO THE CONTRACTOR AND MAY NOT INDICATE THE COMPLETE SCOPE OF DEMOLITION WORK, CONTRACTOR SHALL FIELD VERIFY ALL DEVICES AND VERIFY THE COMPLETE SCOPE OF DEMOLITION WORK WITH ARCHITECT.
- DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW
- CONTRACTOR SHALL CAREFULLY VERIFY EXISTING CONDUITS, BOXES, DEVICES, EQUIPMENT, LOW YOLTAGE DEVICES, ETC. LOCATED ON THE CEILING AND ON THE WALLS IN WHICH ARCHITECTURAL MODIFICATIONS, STRUCTURAL MODIFICATION OR NEW CEILINGS WILL BE LOCATED. CONTRACTOR SHALL REMOVE AND RELOCATE ALL CEILING AND WALL MOUNTED DEVICES AS REQUIRED TO ELIMINATE CONFLICTS BETWEEN EXISTING DEVICES AND ARCHITECTURAL/STRUCTURAL MODIFICATIONS. PROVIDE NEW SURFACE RACEWAY AND SURFACE RACEWAY BACKBOXES AS REQUIRED FOR ALL
- ALL LIGHT SWITCHES, SENSORS AND CONTROL DEVICES THAT BECOME ABANDONED AS PART OF THE WORK SHALL BE
- CONTRACTOR SHALL FIELD VERIFY ALL LOCATIONS OF MECHANICAL AND PLUMBING EQUIPMENT THAT ARE REMOVED AS PART OF THIS WORK OR HAS BEEN PREVIOUSLY REMOVED BY OTHERS. ALL ABANDONED ELECTRICAL CONNECTIONS, WIRING, ACCESSIBLE CONDUIT, ETC. ARE TO BE REMOVED BACK TO SOURCE PANEL, COMPLETE AS



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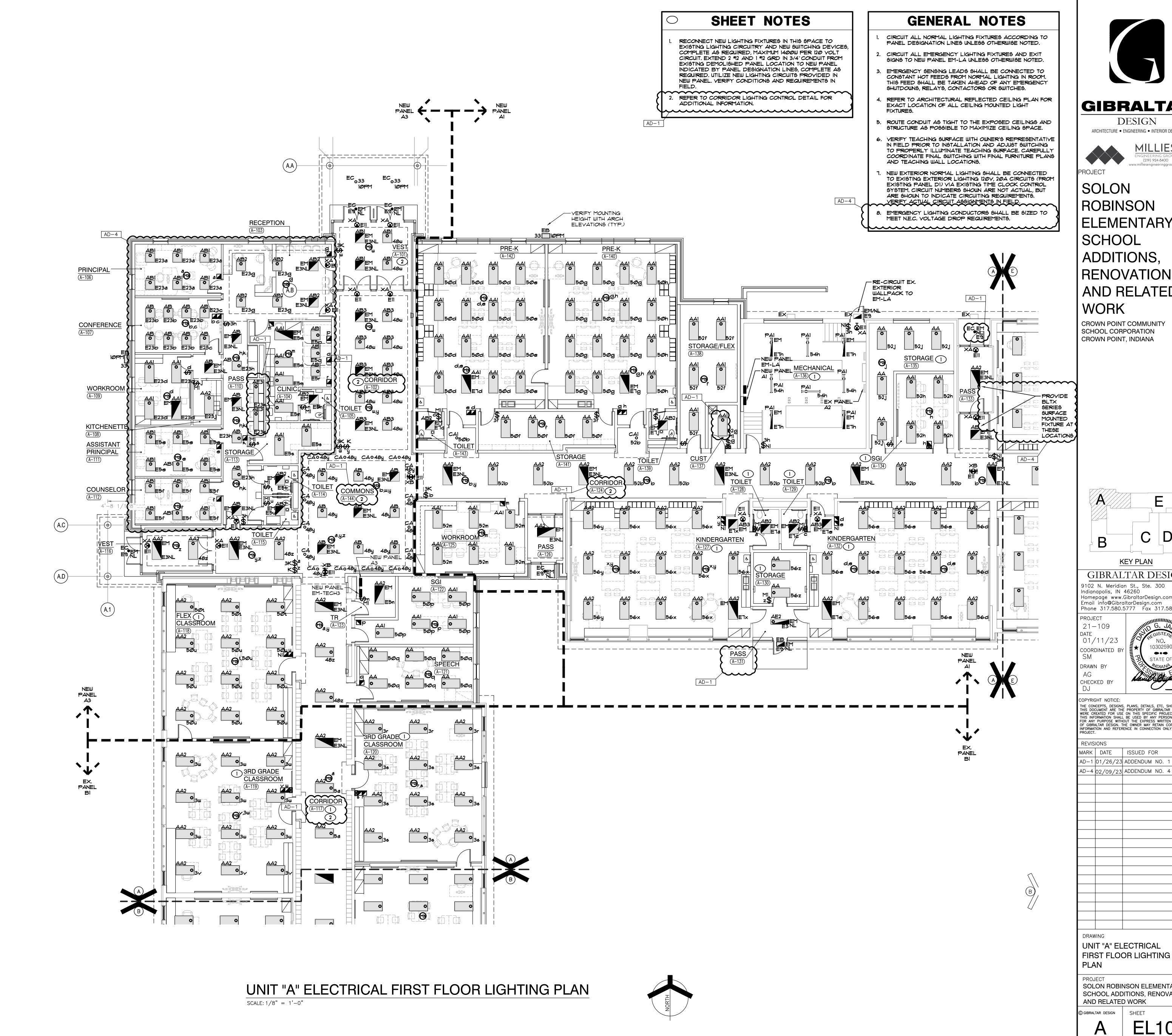
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UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

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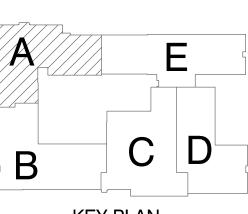


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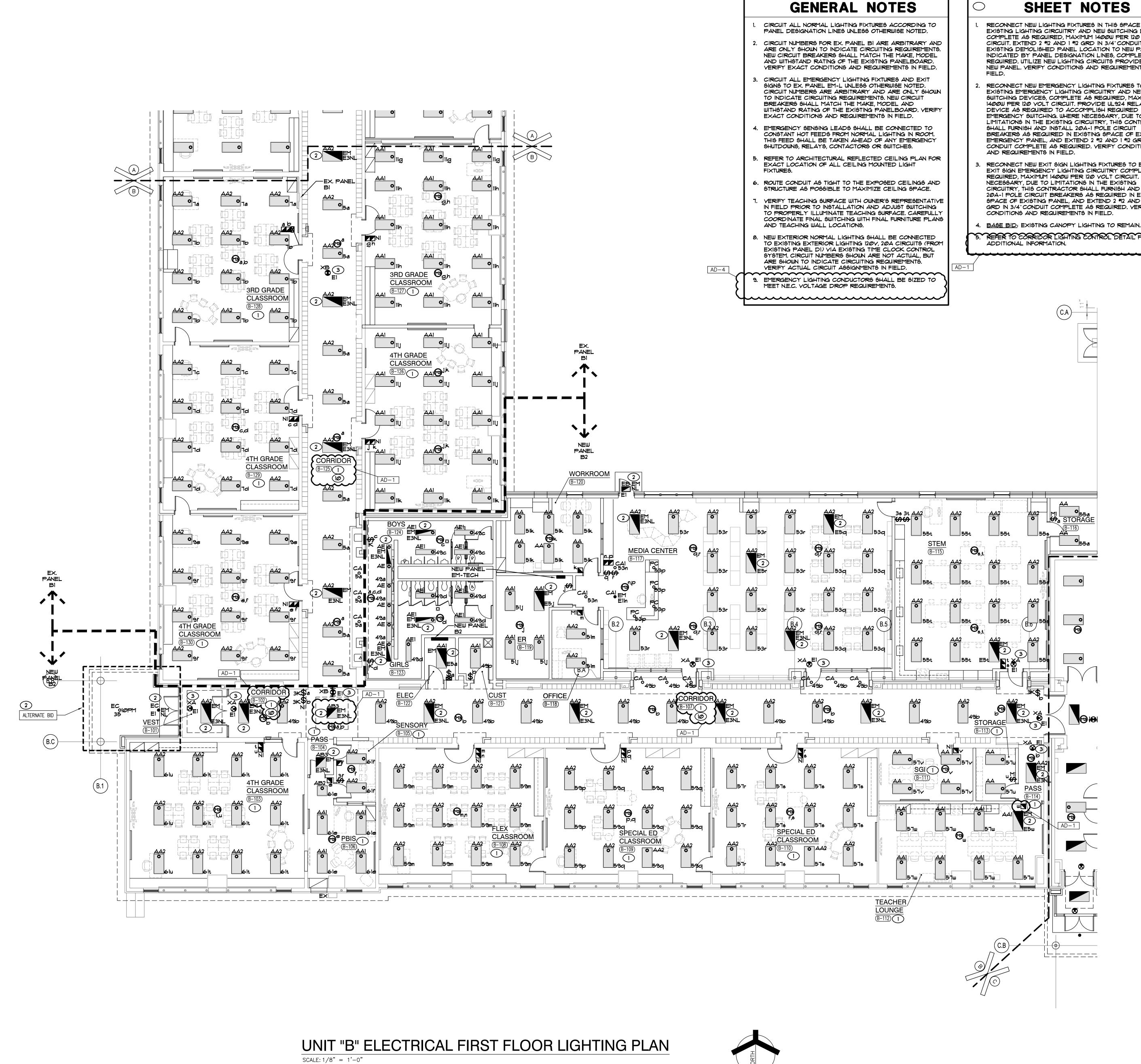
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UNIT "A" ELECTRICAL FIRST FLOOR LIGHTING

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,





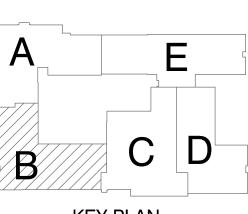
- RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. EXTEND 2 *12 AND 1 *12 GRD IN 3/4" CONDUIT FROM EXISTING DEMOLISHED PANEL LOCATION TO NEW PANEL INDICATED BY PANEL DESIGNATION LINES, COMPLETE AS REQUIRED. UTILIZE NEW LIGHTING CIRCUITS PROVIDED IN NEW PANEL. VERIFY CONDITIONS AND REQUIREMENTS IN
- RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. PROYIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS
- . RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 *12 AND 1 *12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY
- 5. REFER TO CORRIDOR LIGHTING CONTROL DETAIL FOR

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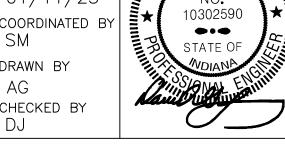


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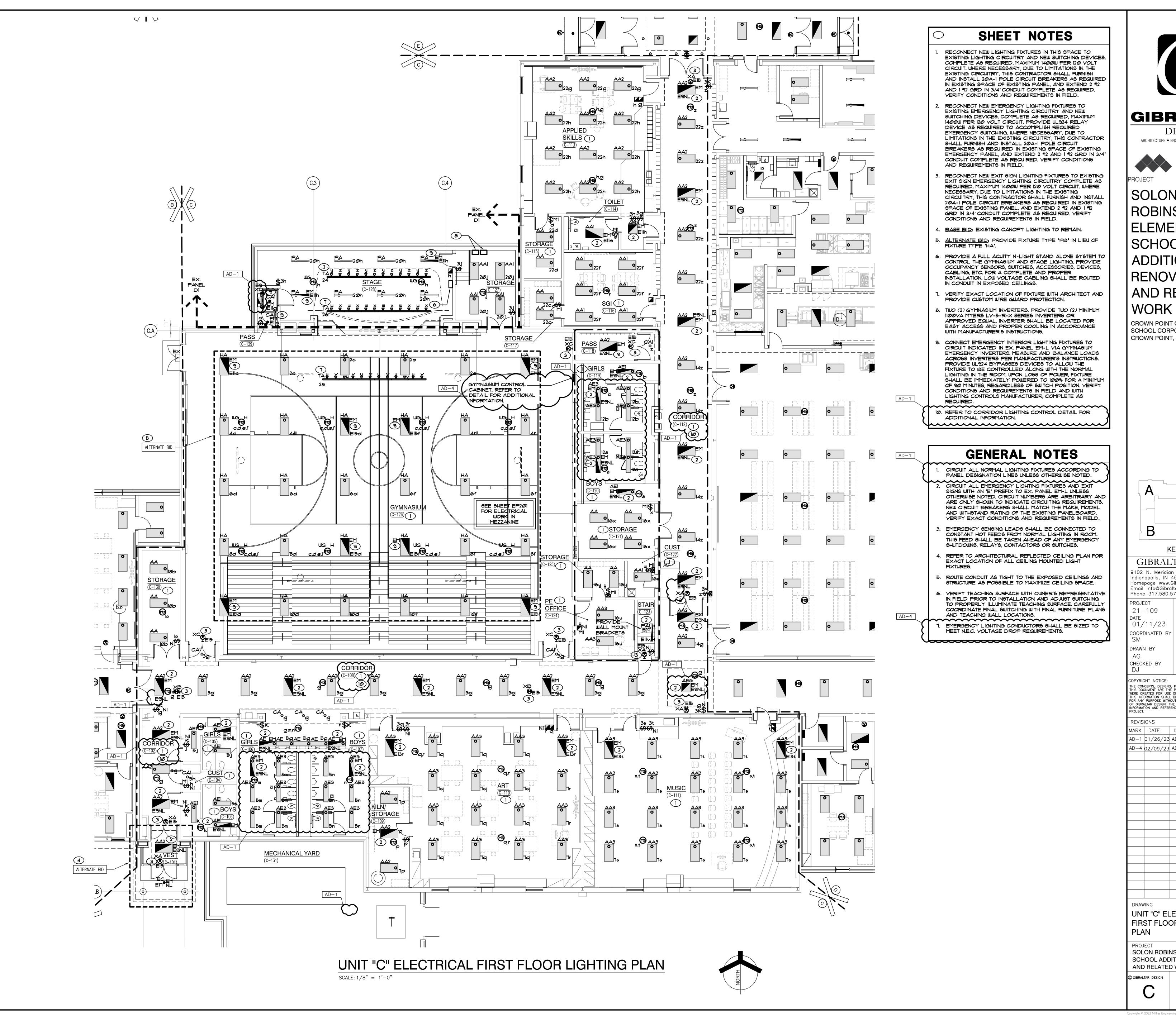


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UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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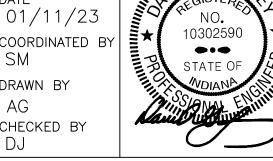
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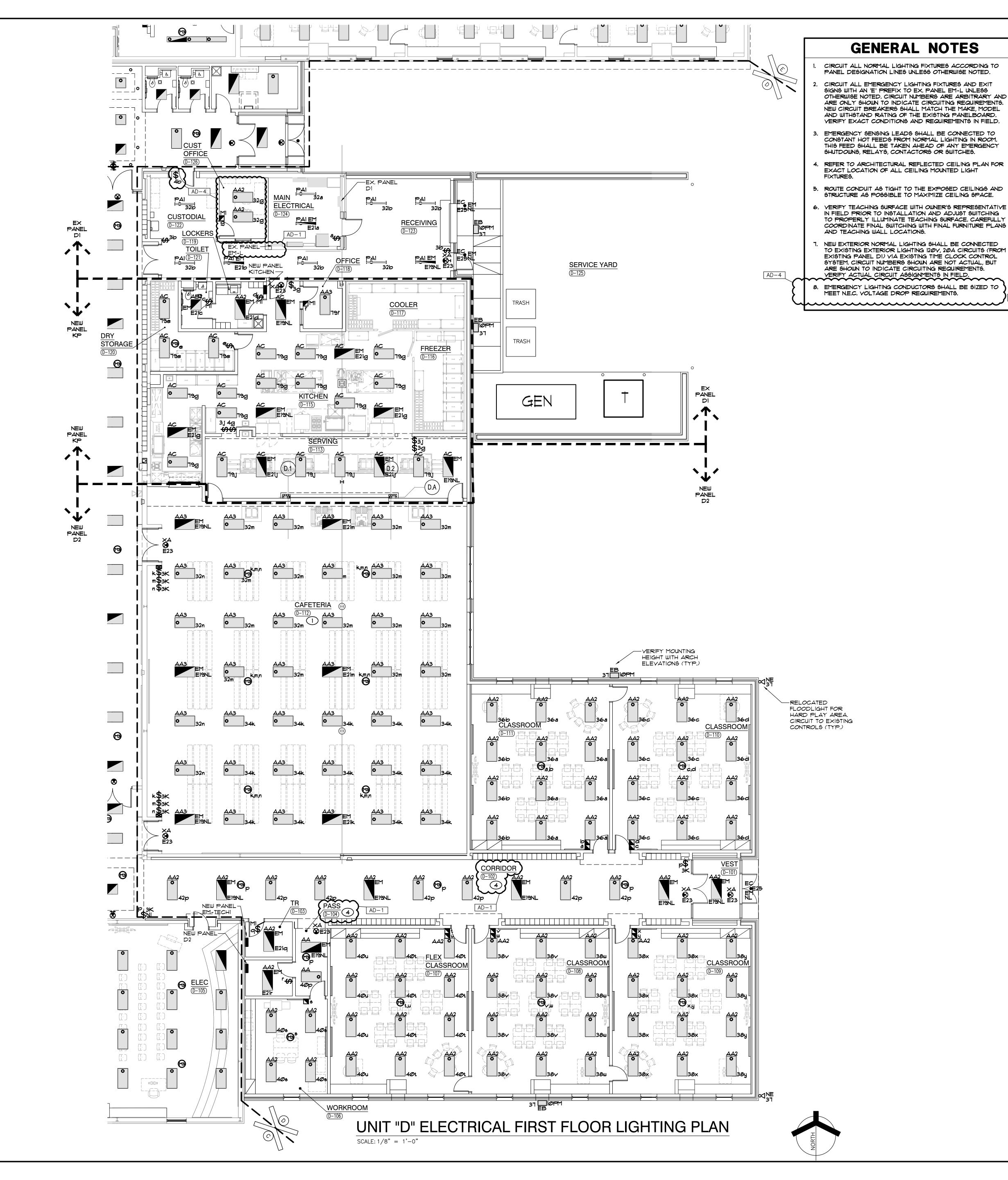
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UNIT "C" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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# SHEET NOTES

- RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
  - RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
  - RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
  - REFER TO CORRIDOR LIGHTING CONTROL DETAIL FOR ADDITIONAL INFORMATION.



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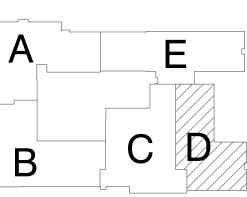
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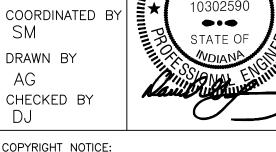


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AD-4 | 02/09/23 | ADDENDUM NO. 4

UNIT "D" ELECTRICAL FIRST FLOOR LIGHTING PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

- 1. CIRCUIT ALL NORMAL LIGHTING FIXTURES ACCORDING TO PANEL DESIGNATION LINES UNLESS OTHERWISE NOTED.
- 2. CIRCUIT ALL EMERGENCY LIGHTING FIXTURES AND EXIT SIGNS WITH AN 'E' PREFIX TO EX. PANEL EM-L UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. YERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
- 3. EMERGENCY SENSING LEADS SHALL BE CONNECTED TO CONSTANT HOT FEEDS FROM NORMAL LIGHTING IN ROOM. THIS FEED SHALL BE TAKEN AHEAD OF ANY EMERGENCY SHUTDOWNS, RELAYS, CONTACTORS OR SWITCHES.
- 4. REFER TO ARCHITECTURAL REFLECTED CEILING PLAN FOR EXACT LOCATION OF ALL CEILING MOUNTED LIGHT FIXTURES.
- 5. ROUTE CONDUIT AS TIGHT TO THE EXPOSED CEILINGS AND STRUCTURE AS POSSIBLE TO MAXIMIZE CEILING SPACE.
- 6. YERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATE TEACHING SURFACE. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.
- 1. NEW EXTERIOR NORMAL LIGHTING SHALL BE CONNECTED TO EXISTING EXTERIOR LIGHTING 120V, 20A CIRCUITS (FROM EXISTING PANEL DI) VIA EXISTING TIME CLOCK CONTROL SYSTEM. CIRCUIT NUMBERS SHOWN ARE NOT ACTUAL, BUT ARE SHOWN TO INDICATE CIRCUITING REQUIREMENTS. VERIFY ACTUAL CIRCUIT ASSIGNMENTS IN FIELD.
- 8. EMERGENCY LIGHTING CONDUCTORS SHALL BE SIZED TO MEET N.E.C. VOLTAGE DROP REQUIREMENTS.

# SHEET NOTES

- 1. RECONNECT NEW LIGHTING FIXTURES IN THIS SPACE TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 YOLT CIRCUIT. EXTEND 2 *12 AND 1 *12 GRD IN 3/4" CONDUIT FROM EXISTING DEMOLISHED PANEL LOCATION TO NEW PANEL INDICATED BY PANEL DESIGNATION LINES, COMPLETE AS REQUIRED. UTILIZE NEW LIGHTING CIRCUITS PROVIDED IN NEW PANEL. YERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- 2. RECONNECT NEW EMERGENCY LIGHTING FIXTURES TO EXISTING EMERGENCY LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT. PROVIDE UL924 RELAY DEVICE AS REQUIRED TO ACCOMPLISH REQUIRED EMERGENCY SWITCHING. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING EMERGENCY PANEL, AND EXTEND 2 *12 AND 1 *12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- 3. RECONNECT NEW EXIT SIGN LIGHTING FIXTURES TO EXISTING EXIT SIGN EMERGENCY LIGHTING CIRCUITRY COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL, AND EXTEND 2 *12 AND 1 *12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.
- 4. REFER TO CORRIDOR LIGHTING CONTROL DETAIL FOR ADDITIONAL INFORMATION.



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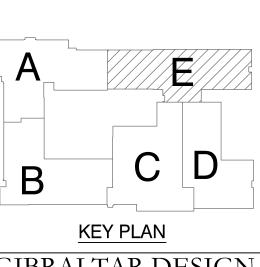
DESIGN

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SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



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21-109
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REVISIONS

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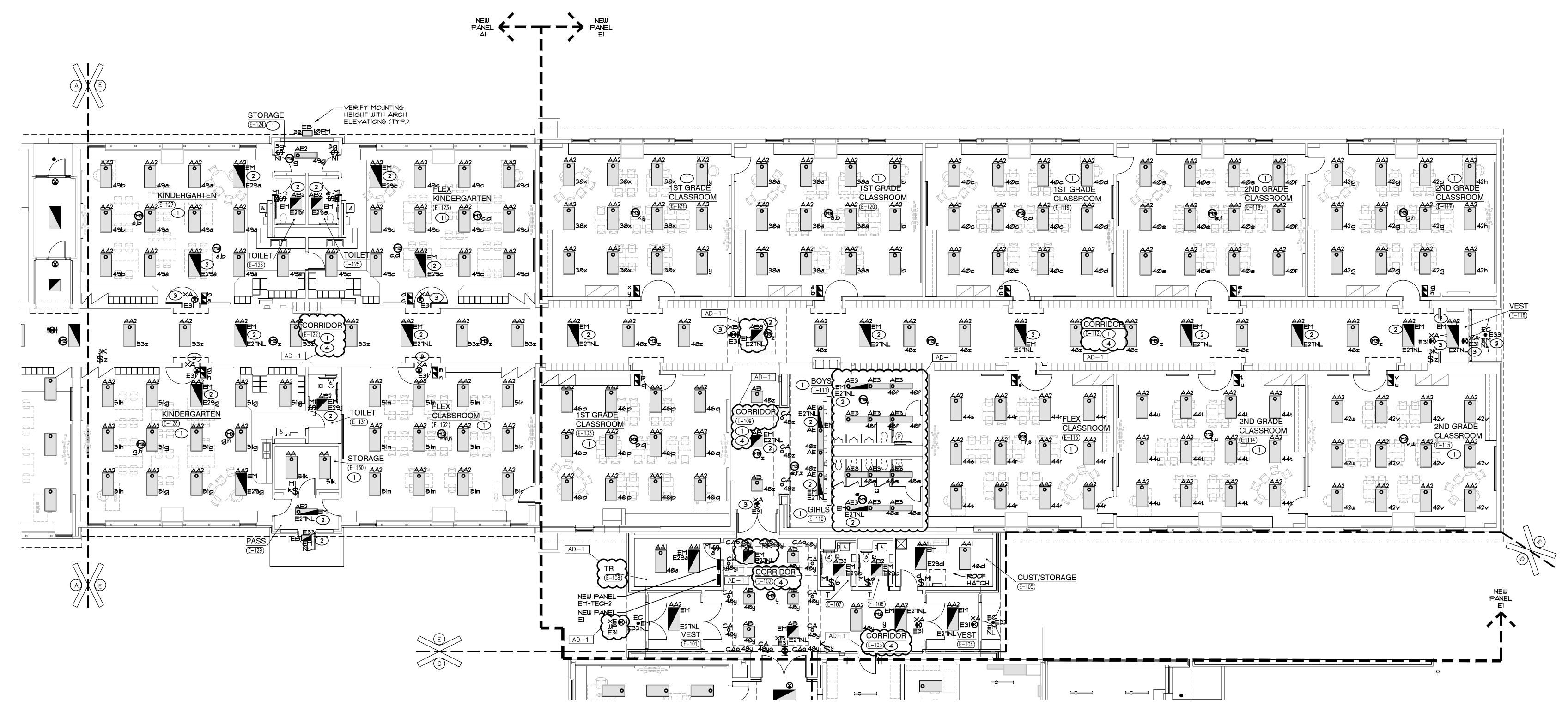
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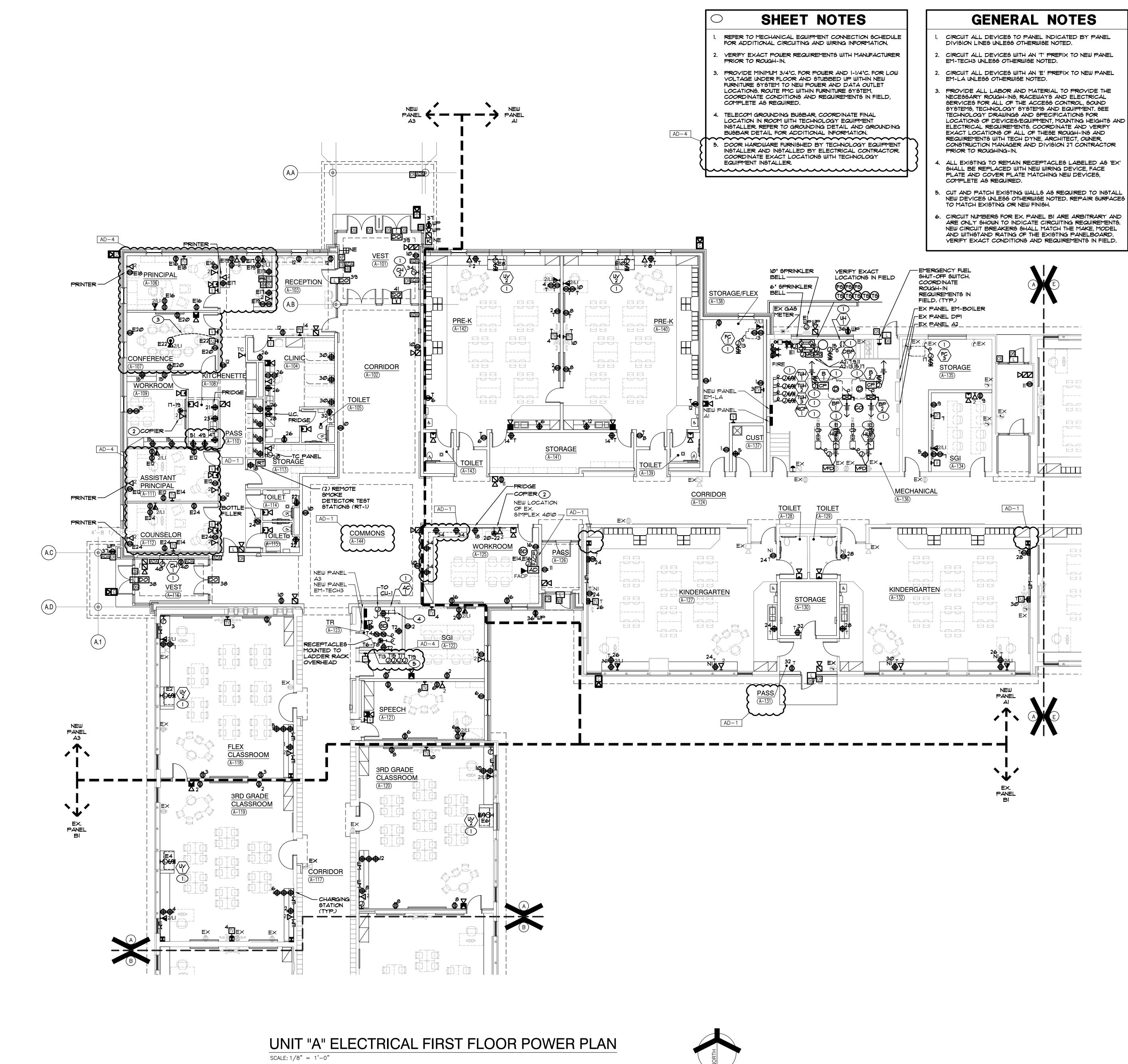
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UNIT "E" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

SHEET EL105





- ALL EXISTING TO REMAIN RECEPTACLES LABELED AS 'EX'
- CUT AND PATCH EXISTING WALLS AS REQUIRED TO INSTALL NEW DEVICES UNLESS OTHERWISE NOTED. REPAIR SURFACES

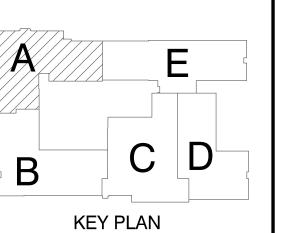


PROJECT SOLON **ROBINSON** ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED

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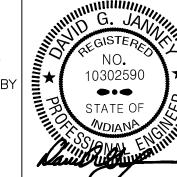
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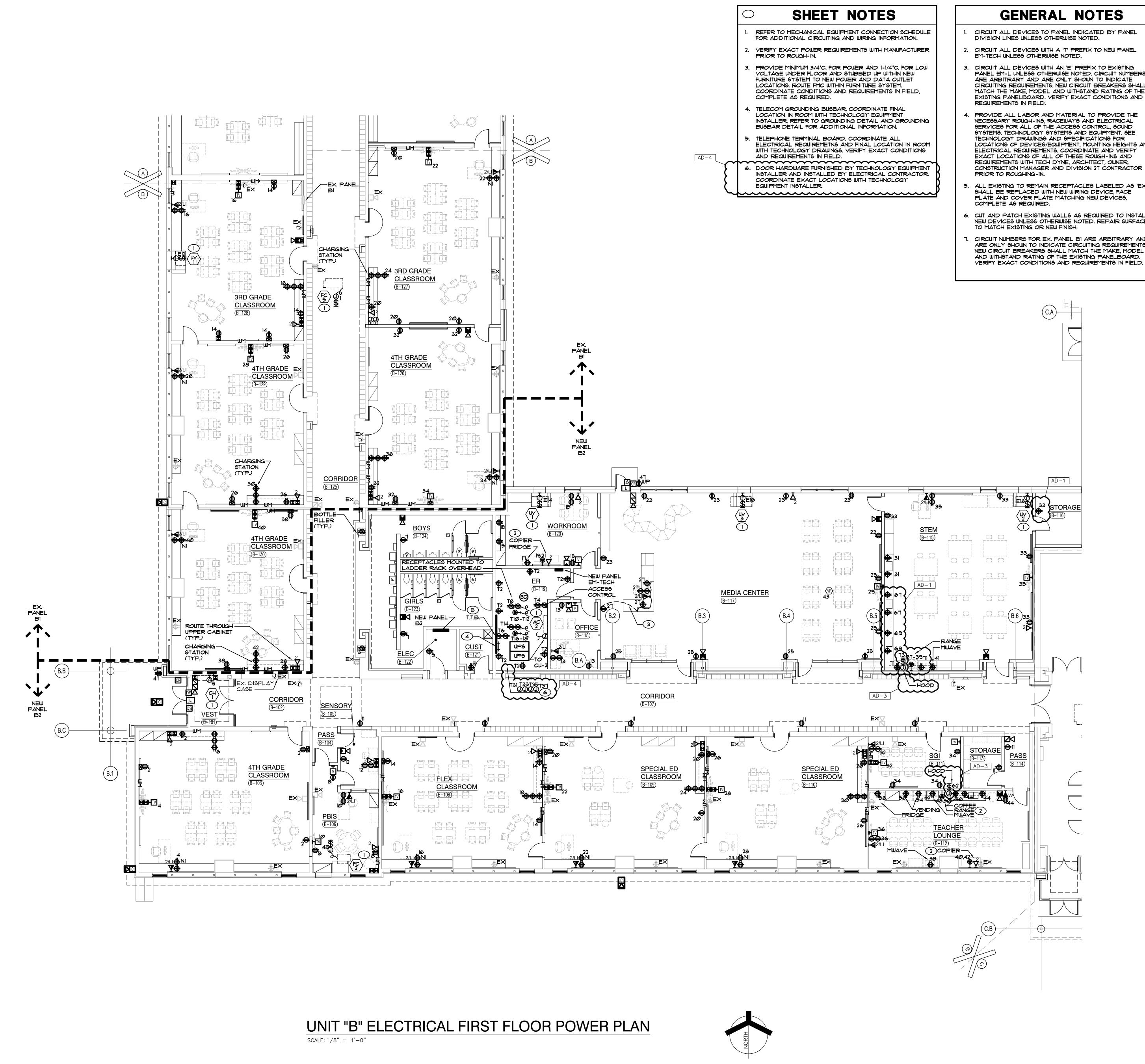
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UNIT "A" ELECTRICAL FIRST FLOOR POWER PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK



- CIRCUIT ALL DEVICES WITH A 'T' PREFIX TO NEW PANEL
- CIRCUIT ALL DEVICES WITH AN 'E' PREFIX TO EXISTING
- PANEL EM-L UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND
- NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR
- ALL EXISTING TO REMAIN RECEPTACLES LABELED AS 'EX' SHALL BE REPLACED WITH NEW WIRING DEVICE, FACE PLATE AND COVER PLATE MATCHING NEW DEVICES,
- 6. CUT AND PATCH EXISTING WALLS AS REQUIRED TO INSTALL NEW DEVICES UNLESS OTHERWISE NOTED. REPAIR SURFACES
- CIRCUIT NUMBERS FOR EX. PANEL BI ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD.

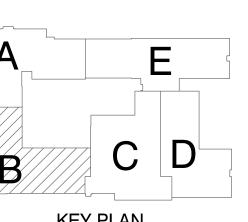
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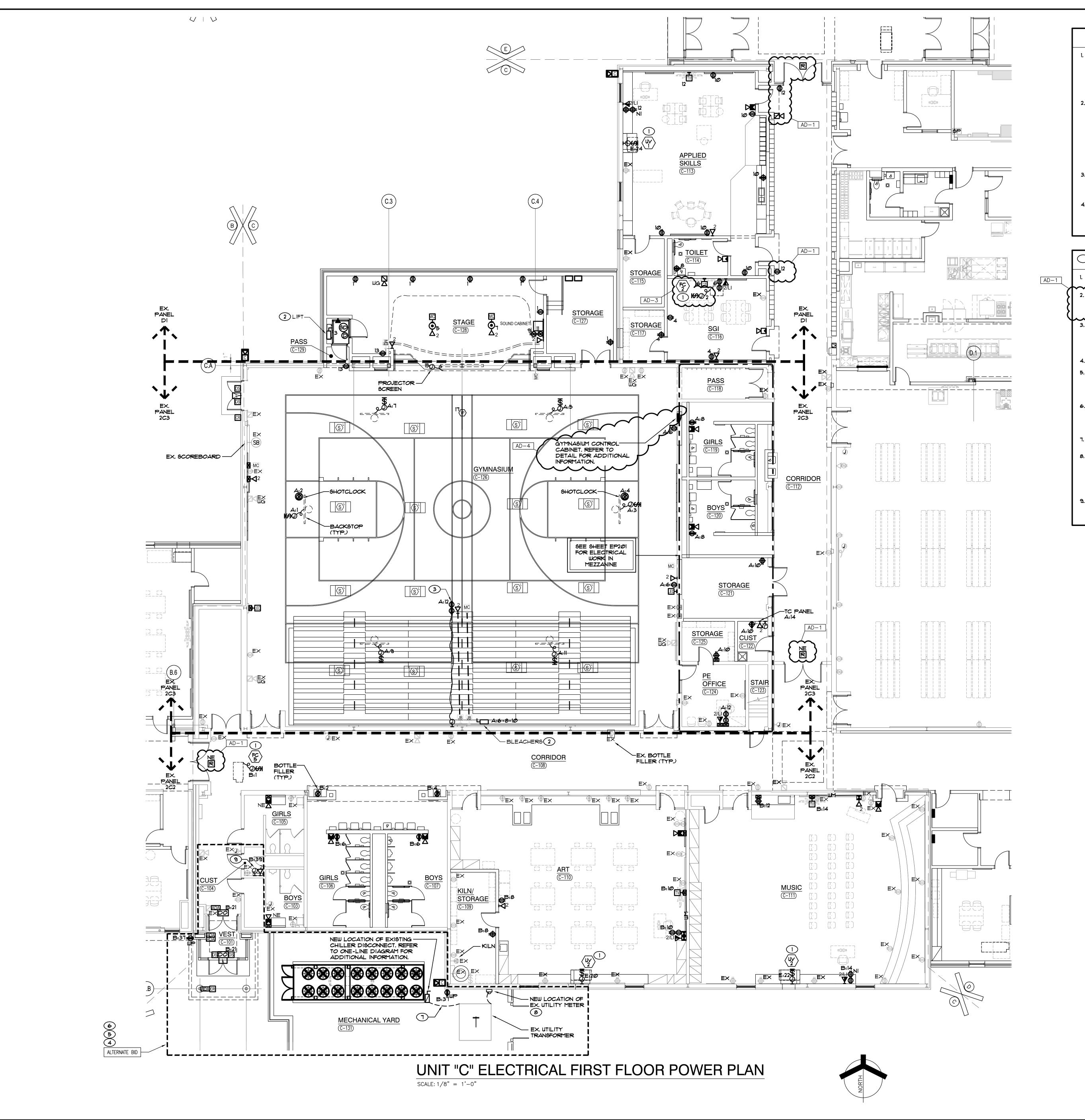
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AD-3 |02/02/23| ADDENDUM NO. 3AD-4 02/09/23 ADDENDUM NO. 4

UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

В



- CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
- PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.
- ALL EXISTING TO REMAIN RECEPTACLES LABELED AS 'EX' SHALL BE REPLACED WITH NEW WIRING DEVICE, FACE PLATE AND COVER PLATE MATCHING NEW DEVICES, COMPLETE AS REQUIRED.
- CUT AND PATCH EXISTING WALLS AS REQUIRED TO INSTALL NEW DEVICES UNLESS OTHERWISE NOTED. REPAIR SURFACES TO MATCH EXISTING OR NEW FINISH.

# SHEET NOTES

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION. PROVIDE 30A/IP CIRCUIT BREAKER WITH 2 #0'5 \$ 1 #0 GRD. IN EXISTING SPACE OF EXISTING PANEL DI. VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER PRIOR TO
- 3. PROVIDE FLEXIBLE RETRACTING CABLE CONNECTION FROM FRONT OF BLEACHER TO JUNCTION BOXES IN WALL. PROVIDE MINIMUM 2" CONDUIT CONNECTION FOR LOW YOLTAGE BOXES. PROVIDE 3/4°C. FOR POWER POWER AND LOW YOLTAGE TO BE SEPARATED.
- 4. BASE BID: EXISTING CHILLER TO REMAIN.

ROUGH-IN.

- ALTERNATE: EXISTING CHILLER TO BE RELOCATED TO NEW LOCATION AS INDICATED ON PLANS. DISCONNECT AND REMOVE EXISTING CHILLER REINSTALL CHILLER DISCONNECT IN NEW LOCATION. EXTEND FEEDER TO NEW LOCATION AS SHOWN AND
- 3. <u>ALTERNATE:</u> EXISTING CHILLER TO BE REPLACED. DISCONNECT AND REMOVE EXISTING CHILLER INSTALL NEW CHILLER DISCONNECT AND CHILLER CONNECTION IN NEW LCATION AS INDICATED ON PLANS. EXTEND NEW CHILLER FEEDER FROM EXISTING UTILITY TRANSFORMER AND CONNECT.
- CHILLER SERVICE SECONDARY FEEDER REFER TO ONE-LINE DIAGRAM FOR ADDITIONAL INFORMATION.
- 8. EXTERIOR MOUNTED UTILITY METER FOR CHILLER ELECTRICAL SERVICE. PROVIDE UTILITY METER PER UTILITY COMPANY REQUIREMENTS. COORDINATE PROPER CLEARANCES, GROUNDING, MOUNTING, MOUNTING HEIGHT, LOCATION AND ANY ADDITIONAL REQUIREMENTS WITH UTILITY COMPANY STANDARDS PRIOR TO PROVIDING BID. VERIFY EXACT LOCATION IN FIELD WITH UTILITY COMPANY.
- 9. HEAT TRACE CONTROL PANEL. REFER TO MECHANICAL SPECIFICATIONS.



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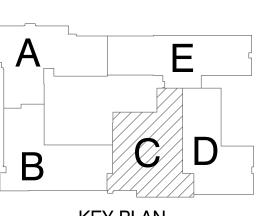


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SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



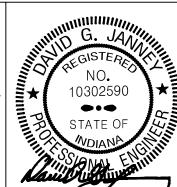
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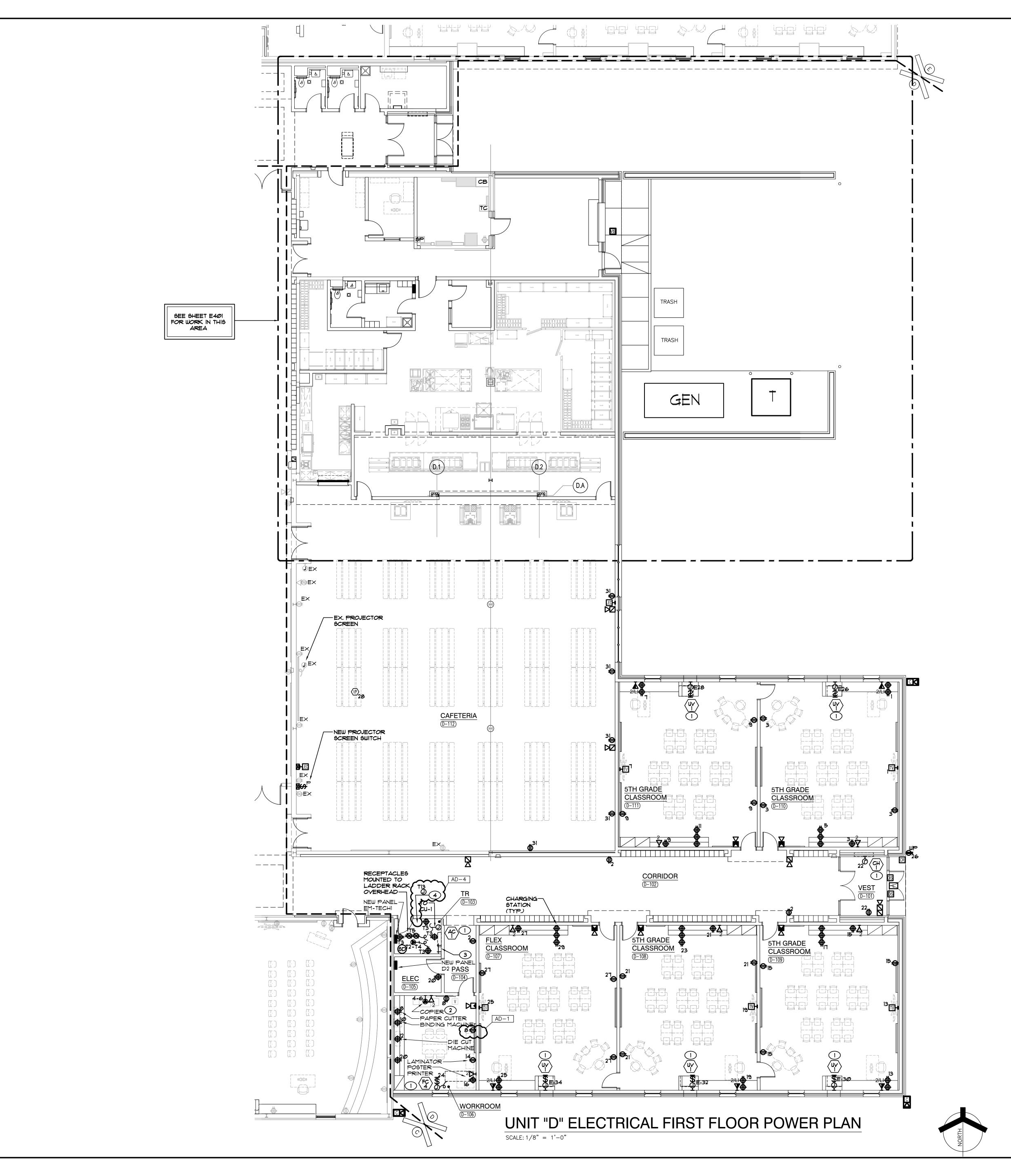


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AD-1	01/26/23	ADDENDUM NO. 1
AD-3	02/02/23	ADDENDUM NO. 3
AD-4	02/09/23	ADDENDUM NO. 4

UNIT "C" ELECTRICAL FIRST FLOOR POWER PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK



- CIRCUIT ALL DEVICES TO NEW PANEL D2 UNLESS OTHERWISE
- 2. CIRCUIT ALL DEVICES WITH A 'T' PREFIX TO PANEL EM-TECHI UNLESS OTHERWISE NOTED.
- 3. CIRCUIT ALL DEVICES WITH AN 'E' PREFIX TO EXISTING PANEL EM-L UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
- PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.
- ALL EXISTING TO REMAIN RECEPTACLES LABELED AS 'EX' SHALL BE REPLACED WITH NEW WIRING DEVICE, FACE PLATE AND COVER PLATE MATCHING NEW DEVICES, COMPLETE AS REQUIRED.
- 6. CUT AND PATCH EXISTING WALLS AS REQUIRED TO INSTALL NEW DEVICES UNLESS OTHERWISE NOTED. REPAIR SURFACES TO MATCH EXISTING OR NEW FINISH.

# SHEET NOTES

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
- VERIFY EXACT POWER REQUIREMENTS WITH MANUFACTURER
- PRIOR TO ROUGH-IN.
- 3. TELECOM GROUNDING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.
- 4. DOOR HARDWARE FURNISHED BY TECHNOLOGY EQUIPMENT INSTALLER AND INSTALLED BY ELECTRICAL CONTRACTOR. COORDINATE EXACT LOCATIONS WITH TECHNOLOGY EQUIPMENT INSTALLER.



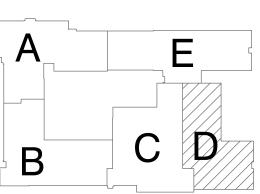
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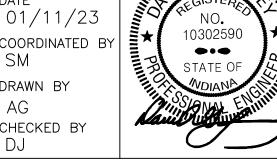


KEY PLAN

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UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

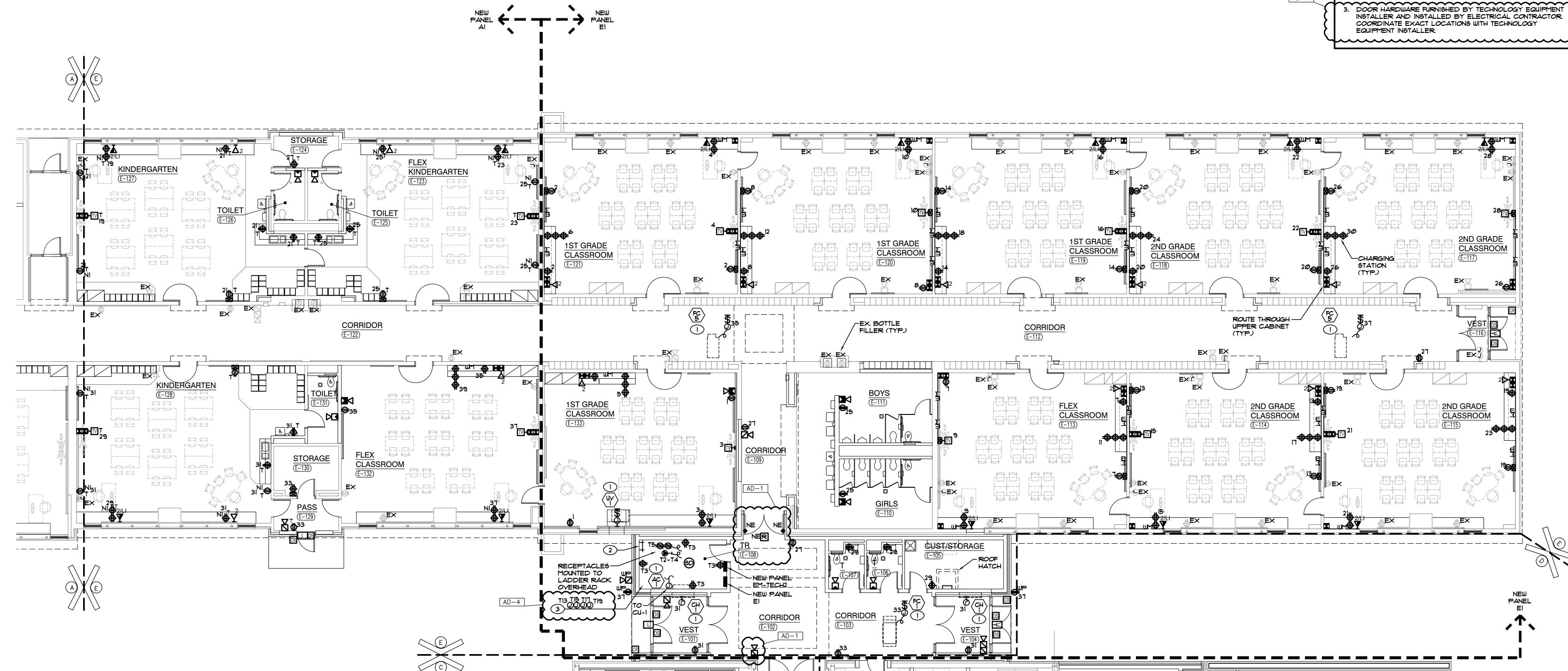
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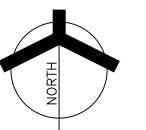
- CIRCUIT ALL DEVICES TO PANEL INDICATED BY PANEL DIVISION LINES UNLESS OTHERWISE NOTED.
- 2. CIRCUIT ALL DEVICES WITH A 'T' PREFIX TO PANEL EM-TECH2 UNLESS OTHERWISE NOTED.
- 3. CIRCUIT ALL DEVICES WITH AN 'E' PREFIX TO EXISTING PANEL EM-L UNLESS OTHERWISE NOTED. CIRCUIT NUMBERS ARE ARBITRARY AND ARE ONLY SHOWN TO INDICATE CIRCUITING REQUIREMENTS. NEW CIRCUIT BREAKERS SHALL MATCH THE MAKE, MODEL AND WITHSTAND RATING OF THE EXISTING PANELBOARD. VERIFY EXACT CONDITIONS AND REQUIREMENTS IN FIELD.
  - PROVIDE ALL LABOR AND MATERIAL TO PROVIDE THE NECESSARY ROUGH-INS, RACEWAYS AND ELECTRICAL SERVICES FOR ALL OF THE ACCESS CONTROL, SOUND SYSTEMS, TECHNOLOGY SYSTEMS AND EQUIPMENT. SEE TECHNOLOGY DRAWINGS AND SPECIFICATIONS FOR LOCATIONS OF DEVICES/EQUIPMENT, MOUNTING HEIGHTS AND ELECTRICAL REQUIREMENTS. COORDINATE AND VERIFY EXACT LOCATIONS OF ALL OF THESE ROUGH-INS AND REQUIREMENTS WITH TECH DYNE, ARCHITECT, OWNER, CONSTRUCTION MANAGER AND DIVISION 27 CONTRACTOR PRIOR TO ROUGHING-IN.
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- 6. CUT AND PATCH EXISTING WALLS AS REQUIRED TO INSTALL NEW DEVICES UNLESS OTHERWISE NOTED. REPAIR SURFACES TO MATCH EXISTING OR NEW FINISH.

- REFER TO MECHANICAL EQUIPMENT CONNECTION SCHEDULE
- TELECOM GROUNDING BUSBAR, COORDINATE FINAL LOCATION IN ROOM WITH TECHNOLOGY EQUIPMENT INSTALLER REFER TO GROUNDING DETAIL AND GROUNDING BUSBAR DETAIL FOR ADDITIONAL INFORMATION.

# SHEET NOTES

- FOR ADDITIONAL CIRCUITING AND WIRING INFORMATION.
- COORDINATE EXACT LOCATIONS WITH TECHNOLOGY





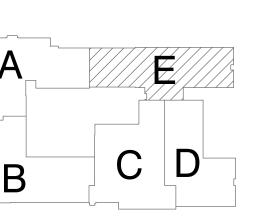


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**ROBINSON** | ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

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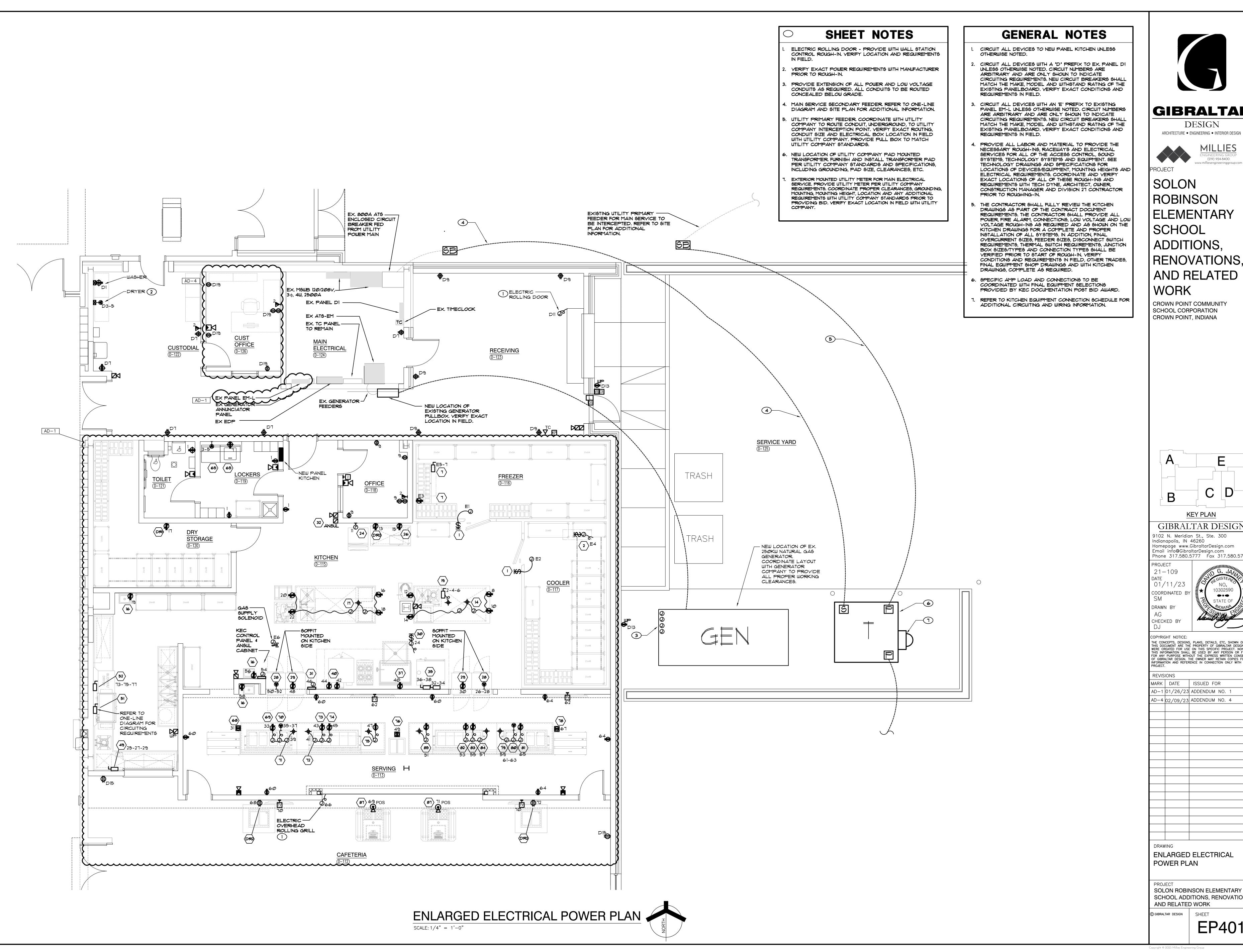
UNIT "E" ELECTRICAL FIRST FLOOR POWER

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

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EP105

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





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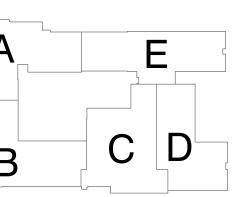


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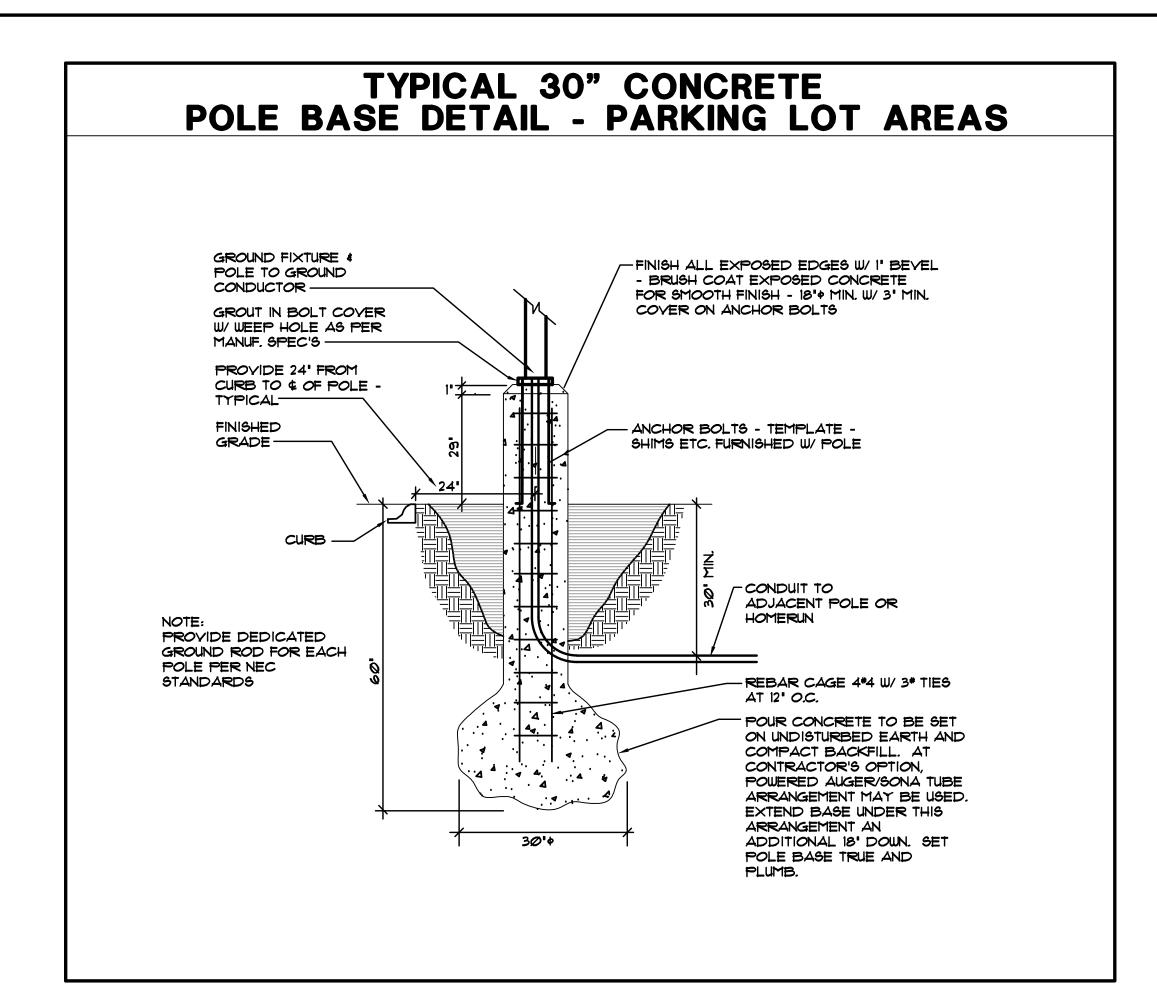
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SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK



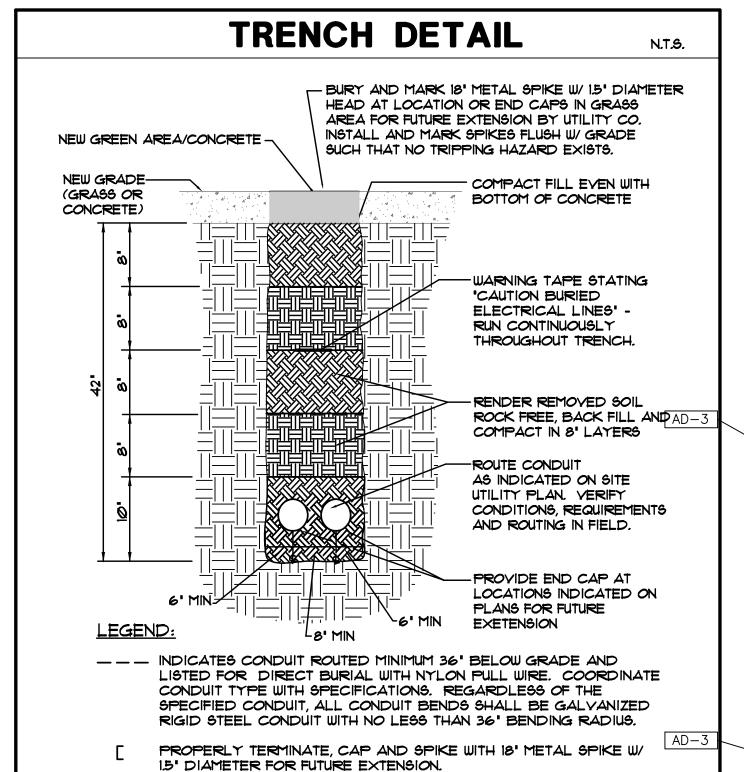
# FIXTURE GENERAL NOTES

- INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL CHARGE.
- PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE. PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, FEEDS, SINGLE AND DUAL CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS. PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL PROCESS.
- LED FIXTURES (LESS THAN 10000 LUMENS) SHALL BE PROVIDED WITH FACTORY INSTALLED INTEGRAL EMERGENCY BATTERY UNITS BATTERY UNITS SHALL PROVIDE A MINIMUM OF 1400 LUMENS.
- FIXTURES THAT CANNOT BE PROVIDED WITH EMERGENCY BALLASTS OR FIXTURES WITH GREATER THAN 10000 LUMENS SHALL BE PROVIDED WITH EMERGENCY INVERTER (MYERS *LY SERIES OR APPROVED EQUAL) WITH SUITABLE CAPACITY TO POWER FIXTURE FOR A MINIMUM OF 90 MINUTES PER CODE, VERIFY SIZING AND REQUIREMENTS WITH CONTRACT DOCUMENTS PRIOR TO ORDERING.
- SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
- EXTERIOR LIGHTING POLES SHALL BE PROVIDED WITH STRAIGHT SQUARE ALUMINUM POLES WITH CAST BASE COVERS AND VIBRATION DAMPENERS. THE POLES SHALL BE SIZED PROPERLY TO SUPPORT FIXTURE WEIGHT AT 100 MPH WIND WITH A 1.3 GUST FACTOR, MINIMUM POLE SIZE TO BE 5" SQUARE, PROVIDE ADDITIONAL MOUNTING ACCESSORIES AS REQUIRED FOR A COMPLETE AND PROPER INSTALLATION.
- FOR EXTERIOR POLE MOUNTED LIGHTING, PROVIDE FACTORY MOUNTED HOUSE SIDE SHIELDS INTEGRAL TO THE FIXTURE AS SPECIFIED. ADDITIONALLY, PROVIDE CUSTOM FABRICATED POLE MOUNTED HOUSE SIDE SHIELDING AS REQUIRED TO CONTROL LIGHT TRESPASS AND COMPLY WITH LOCAL REQUIREMENTS.
- FIXTURES WITH EMERGENCY BATTERIES SHALL BE PROVIDED WITH CONSTANT HOT SENSING WIRE SO THAT FIXTURE CAN BE SWITCHED ON AND OFF WITHOUT ACTIVATING EMERGENCY BALLAST, UPON LOSS OF POWER, THE FIXTURE SHALL BE ILLUMINATED FOR A MINIMUM OF 90 MINUTES REGARDLESS OF THE LIGHT SWITCH POSITION. PROVIDE TEST SWITCH AND CHARGING INDICATOR FOR EMERGENCY BATTERY AS SPECIFIED.
- ALL INTEGRAL EMERGENCY BATTERIES USED IN EXTERIOR APPLICATIONS SHALL HAVE A MINIMUM STARTING TEMPERATURE OF -20 DEGREES F UNLESS OTHERWISE SPECIFIED.
- 10. CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYPSUM CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
- COMPLETE PHOTOMETRICS OF THE INTERIOR AND EXTERIOR LIGHTING SHALL BE SUBMITTED ALONG WITH THE LIGHTING SHOP DRAWINGS FOR REVIEW. FOR FINISHED SPACES, 80/50/20 REFLECTANCES SHALL BE UTILIZED. FOR UNFINISHED SPACES 50/50/20 REFLECTANCE SHALL BE UTILIZED. THE LLD VALUE THAT SHALL BE UTILIZED FOR LED IS SI. EXTERIOR CALCULATIONS SHALL ACCOUNT FOR HOUSE SIDE SHIELDING AND SHALL CONFORM TO LOCAL REQUIREMENTS.
- 12. VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO ROUGH-IN.
- 13. VERIFY YOLTAGES OF EXISTING LIGHTING CIRCUITRY PRIOR TO ORDERING FIXTURES.
- 4. PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL CAUSES.
- 15. COORDINATE LOCATIONS OF INTERIOR AND EXTERIOR LIGHTING FIXTURES WITH FINAL ARCHITECTURAL DRAWINGS, FIXTURES THAT ARE NOT INSTALLED IN THE CORRECT LOCATION SHALL BE RELOCATED AND REINSTALLED IN THE CORRECT LOCATION AT NO ADDITIONAL CHARGE.
- 6. FIXTURES SHALL BE PROVIDED WITH ESCUTCHEON PLATES AS REQUIRED TO COVER EXISTING HOLES FROM REMOVED FIXTURES, CANOPY CEILING AROUND NEW FIXTURES SHALL BE REFINISHED TO MATCH EXISTING SURROUNDING CANOPY CEILING SURFACES.
- . FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES, EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANUFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.
- | ALTERNATE BID | 8. EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER IF THE PRODUCT SUBMITTED DURING THE REVIEW PROCESS IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
- 19. LIGHT FIXTURE TRANSFORMERS SHALL BE INTEGRAL STEP DOWN TRANSFORMERS PER NEC 210.6C. IF AN INTEGRAL STEP DOWN TRANSFORMER IS NOT AVAILABLE, PROVIDE A 120Y CONNECTION FOR LIGHT FIXTURES AND ADDITIONAL CONTROL DEVICES AS REQUIRED TO PROPERLY CONTROL FIXTURES ALONG WITH OTHER 277 YOLT LIGHTING IN ROOM. VERIFY CONDITIONS AND REQUIREMENTS, COMPLETE AS REQUIRED.
- 20. CAREFULLY COORDINATE YOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
- . APPROVED EQUALS WILL BE CONSIDERED FROM THE FOLLOWING VENDORS: KSA LIGHTING (630.307.6955), FORCE CHICAGO (312.986.1515), PG ENLIGHTEN (847.228.1199) OR ARCHIBALD AND MEEK (630.833.7377).
- 22. CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH ARCHITECT PRIOR TO ORDERING.

AD-1

			INILAN	on Ligitime Lowins	VIIVE O	OHLD			
	TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES  OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MDUNTING	REMARKS	
	ДД	0	2' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-40L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 32W MIN 4000LM	RECESSED LAY-IN	-	
	ДДІ	0	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-48L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 38W MIN 4800LM	RECESSED LAY-IN	-	
	<b>ДД</b> 2	0	2' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-60L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 48W MIN 6000LM	RECESSED LAY-IN	-PROVIDE BLTX SERIES SURFACE MOUNTED AT LOCATIONS INDICATED O DRAWINGS	\ \ \
	ДДЗ	0	2' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT4-T2L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 61W MIN 7200LM	RECESSED LAY-IN	-	7
	AB	0	2' × 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-33L-ADP-GZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 27W MIN 3300LM	RECESSED LAY-IN	-PROVIDE BLTX SERIES SURFACE MOUNTED AT LOCATIONS INDICATED O DRAWINGS	N /
	ABI	0	2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-40L-ADP-GZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 32W MIN 4000LM	RECESSED LAY-IN	AD-4	7
	AB2		2' X 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-48L-ADP-GZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 44W MIN 4800LM	RECESSED LAY-IN	-	
	AB3	•	2' × 2' LED DIRECT/INDIRECT FIXTURE	LITHONIA *2BLT2-60L-ADP-GZI-LP840 COLUMBIA *LCAT22 SERIES METALUX *22CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 68W MIN 6000LM	RECESSED LAY-IN	-	
	AC	•	2' X 4' LED LENSED KITCHEN TROFFER FIXTURE WITH INVERTED LENS AND TRIPLE GASKETING	LITHONIA *2GTL4-88L-RW-A19INV-MVOLT-GZI- LP840-ABC COLUMBIA *LJT24 SERIES METALUX *GR LED SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 65W MIN 8800 LM	RECESSED LAY-IN	-INVERTED LENS AND TRIPLE GASKETING	
	Æ	•	I' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-20L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 16W MIN 2000LM	RECESSED LAY-IN/	-	_{ }
	<i>A</i> E1	0	I' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-40L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 33W MIN 4000LM	RECESSED LAY-IN/	-	_{
	AE2	0	1' × 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-48L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 40W MIN 4800LM	RECESSED LAY-IN/	-	$\mathbb{X}$
<b>\</b>	AE3	•	I' X 4' LED DIRECT/INDIRECT FIXTURE	LITHONIA *BLT4-30L-ADP-GZI-LP840 COLUMBIA *LCAT24 SERIES METALUX *24CZ2 SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 24W MAX 3000LM	RECESSED LAY-IN/ GYPSUM	-PROVIDE WITH DRYWALL GRID ADAPTER (*DGA14)	
	) c₄	0	6' DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, 4 WHITE FLANGE	LITHONIA *LDN6-40-10-LOG-AR-LSS-PIVOLT -GZIØ-XX PRESCOLITE *LTR SERIES PORTFOLIO *LD6B SERIES	120 VOLT 0-10V DIM	LED 4000K MAX IIW MIN 1000LM	RECESSED LAY-IN/ GYPSUM	-VERIFY TRIM FINISH WITH ARCHITECT	
	CAI	0	6' DIAMETER LED DOWNLIGHT WITH SEMI-SPECULAR ALZAK REFLECTOR, IRIDESCENT FREE FINISH, & WHITE FLANGE	LITHONIA *LDN6-40-15-L06-AR-LSS-MVOLT -GZ10-XX PRESCOLITE *LTR SERIES PORTFOLIO *LD6B SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 18W MIN 1500LM	RECESSED LAY-IN/ GYPSUM	-VERIFY TRIM FINISH WITH ARCHITECT	
	PA	₩	4' LED INDUSTRIAL STRIP FIXTURE	LITHONIA *CLX-L48-5000LM-SEF-RDL-MYOLT -GZI0-40K-80CRI-XX-XX METALUX *SNLED SERIES COLUMBIA *MPS SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 42W MIN 5000LM		-COORD LOCATIONS WITH DUCTWORK & PIPING: -PROVIDE WIREGUARD AND SAFETY CHAINS IN UTILITY RMS.	
	PAI	⊨	4' LED INDUSTRIAL STRIP FIXTURE	LITHONIA *CLX-L48-7000LM-SEF-RDL-MVOLT -GZ10-40K-80CRI-XX-XX METALUX *SNLED SERIES COLUMBIA *MPS SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 49W MIN 7000LM	'Y' CHAIN SUSPEND	-COORD LOCATIONS WITH DUCTWORK & PIPING -PROVIDE WIREGUARD AND CATEDY SHAINS IN UTILITY RMS.	HAD
-	±4  -	0	LED HIGH ABUSE GYMNASIUM FIXTURE	KENALL *HASEDI-24-180L-DIMI-120-2F-2H-6-XX OR APPROVED EQUAL	120 VOLT 0-10V DIM	LED 4000K MAX 192W 24,000LM	RECESSED LAY-IN/		$\mathbb{R}$
\    -  -	PB	0	LED HIGH BAY FIXTURE WITH WIREGUARD AND SAFETY CABLE	LITHONIA *1BG-24L-SEF-AFL-GND-MYOLT-GZIØ- 40K-80CRI-WGX-XX-XX COLUMBIA *PEL4 SERIES METALUX *OHB SERIES	120 VOLT 0-10V DIM	LED 4000K MAX 192W 24,000LM	6' ABOVE BOTTOM OF STRUCTURE	AND SAFETY CABLE	
	PC	0	SUSPENDED LED CYLINDER PENDANT	VISA *CPI542-L40-H-MVOLT-XX-XX OR APPROVED EQUAL	120 VOLT 0-10V DIM	LED 4000K MAX 16W MIN 1700LM	SUSPENDED VERIFY W/ ARCHITECT	-VERIFY FINISH WITH ARCHITECT	
	TA	ΔΔ		PROVIDE WITH NTEK-X-B TRACK JUNO *TEK SERIES OR APPROVED EQUAL	120 VOLT 0-10V DIM	ONE (1) LED 15W EQUIV PAR 30 PER HEAD	36" STEM MOUNTED TO UNISTRUT	-PROVIDE ALL MOUNTING ACCESSORIES -VERIFY FINISH WITH ARCHITECT.	:
	×Α	⊗ 🌣	SINGLE FACE EXIT WITH NICKEL-CADMIUM BATTERY BACKUP	LITHONIA *LE-S-X-1-R-X-EL N-X DUAL-LITE *SE-S-R-X SURE-LITES *CX SERIES	12Ø VOLT	LED MAX 3W	CEILING/ WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED	
	XB	•	DUAL FACE EXIT WITH NICKEL-CADMIUM BATTERY BACKUP	LITHONIA *LE-S-X-2-R-X-EL N-X DUAL-LITE *SE-D-R-X SURE-LITES *CX SERIES	12Ø VOLT	LED MAX 3W	CEILING/ WALL	-VERIFY FINISH WITH ARCHITECT -PROVIDE WITH ARROWS AS REQUIRED	
	хc	⊗ 🌣	SINGLE FACE HIGH ABUSE EXIT WITH NICKEL-CADMIUM BATTERY BACKUP	LITHONIA *LV-5-AW-1-R-120/277-EL N-XX OR APPROVED EQUAL	120 YOLT	LED MAX 3W	CEILING/ WALL	-YERIFY FINISH WITH ARCHITECT -PROYIDE WITH ARROWS AS REQUIRED	
	XD		BATTERY EMERGENCY LIGHT WITH 4 HOUR CAPACITY	LITHONIA *INDL-SP640L-UVOLT-LTP-SDRT-HO OR APPROVED EQUAL	MVOLT	LED MAX 3W PER HEAD	CEILING/ WALL	-VERIFY FINISH WITH ARCHITECT -4 HOUR RATED	
	XE	<b>\$</b>	WEATHER PROOF SINGLE FACE EXIT	HOLOPHANE *DLTL-W-1-R-EL-X OR APPROVED EQUAL	120 VOLT	LED MAX 3W	WALL	-VERIFY FINISH WITH ARCHITECT	
	E		FIXTURE ON EMERGENCY CIRCUIT WITH 90 MINUTE, 1400 LUMEN OUTPUT BATTERY UNIT OR INVERTER	BODINE FACTORY INSTALLED DRIVER OR MYERS LY SERIES INVERTER	120 VOLT		IN FIXTURE/ REMOTE	-PROVIDE TEST SWITCH AND CHARGING INDICATO -PROVIDE GENERATOR TRANSFER DEVICES	R
	NL		CONSTANT HOT, UNSWITCHED NIGHT LIGHT FIXTURE						
[	ALTERN	ATE BID						AC	)-4
			EXTER	IOR LIGHTING LUMIN	IAIRE	SCHE	DULE		
	J.	AG/SYMBOL	DESCRIPTION	MANUFACTURER SERIES	VOLTAGE.	/ LAMPS/CRD		REMARKS	

INTERIOR LIGHTING LUMINAIRE SCHEDULE



	•						
ERNATE E	BID						AD
		EXTERIO	OR LIGHTING LUMINA	AIRE S	CHED	ULE	
TAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES  OR CATALOG NUMBER	VOLTAGE/	LAMPS/CROSS	MOUNTING	REMARKS
EΑ	•-	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE WITH EXTERNAL GLARE SHIELD	LITHONIA *DSXI LED-P6-50K-T4M-MVOLT-SPA-EGS-XX-G NO SUBSTITUTIONS	MVOLT	LED 5000K MIN 21,251LM MAX 165W	POLE MTD 30'-0" AFG	-PROVIDE 95A-27-6-X POLE OR APPROVED EQUAL -VERIFY AND MATCH EXISTING POLE HEIGHT
EAI	•	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE	LITHONIA *D\$XI LED-P2-5@K-T2M-MVOLT-\$PA-XX NO SUBSTITUTIONS	MVOLT	LED 5000K MIN 9,839LM MAX 68W	POLE MTD 15'-0" AFG	-PROVIDE \$\$A-12-6-X POLE OR APPROVED EQUAL
EA2	•-	EXTERIOR LED FIXTURE MOUNTED ON A STRAIGHT, SQUARE ALUMINUM POLE WITH EXTERNAL GLARE SHIELD	LITHONIA *DSXI LED-P6-50K-T2M-MVOLT-SPA-EGS-XX-GI NO SUBSTITUTIONS	MYOLT	LED 5000K MIN 20699LM MAX 165W	POLE MTD 30'-0" AFG	-PROVIDE SSA-27-6-X POLE OR APPROVED EQUAL -VERIFY AND MATCH EXISTING POLE HEIGHT
EB		EXTERIOR LED WALL MOUNTED LIGHT FIXTURE	HUBBELL *LNC3 SERIES OR APPROVED EQUAL		5000K MIN 3000LM MAX 25W	AS NOTED	ARCHITECTPROVIDE COLD EM BATTERY OPTION AS INDICATED ON PLANS
EC	0	LED 8' DOWNLIGHT WITH TRIM FINISH TO BE SELECTED BY ARCHITECT	INDY #LRT8-28LM-50K-MVOLT-G4-80CRI-ZT-P-C99- WET HALO #HC815DO10 SERIES SRECTRUTT *SOICESLEDOS SERIES	MVOLT	LED 5000K MAX 29W MIN 2800LM	RECESSED CANOPY MOUNTED	-VERIFY TRIM FINISH WITH ARCHITECT -IC RATED
ED	0	LED IN-GRADE SITE FIXTURE FOR FLAGPOLE WITH FINISH TO BE SELECTED BY ARCHITECT	HYDREL #M9120C-X-LED-P2-50K-MVOLT- NSP-X-X-X-X-LDIM-X OR APPROVED EQUAL	MVOLT	LED 5000K MIN 4220LM MAX 35W	RECESSED IN-GRADE	-VERIFY TRIM FINISH WITH ARCHITECT -SETBACK FIXTURE 1/5 OF POLE HEIGHT 9180



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



SOLON ROBINSON | ELEMENTARY SCHOOL ADDITIONS, **RENOVATIONS** AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

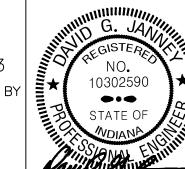
GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 ndianapolis, IN 46260 Homepage www.GibraltarDesign.com

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REVISIONS MARK DATE ISSUED FOR AD-1 | 01/26/23 | ADDENDUM NO. 1

AD-3 | 02/02/23 | ADDENDUM NO. 3AD-4 | 02/09/23 | ADDENDUM NO. 4

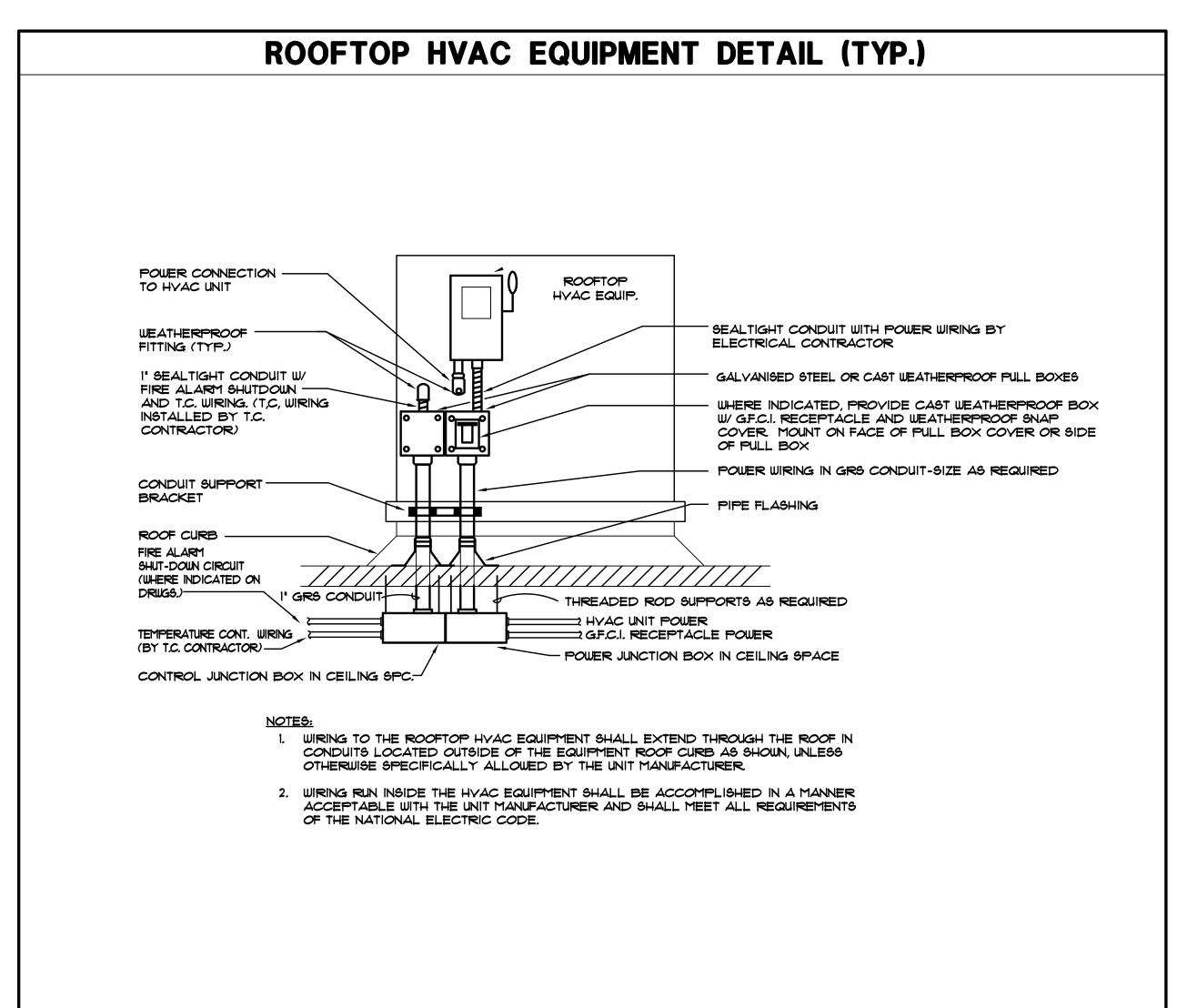
DRAWING

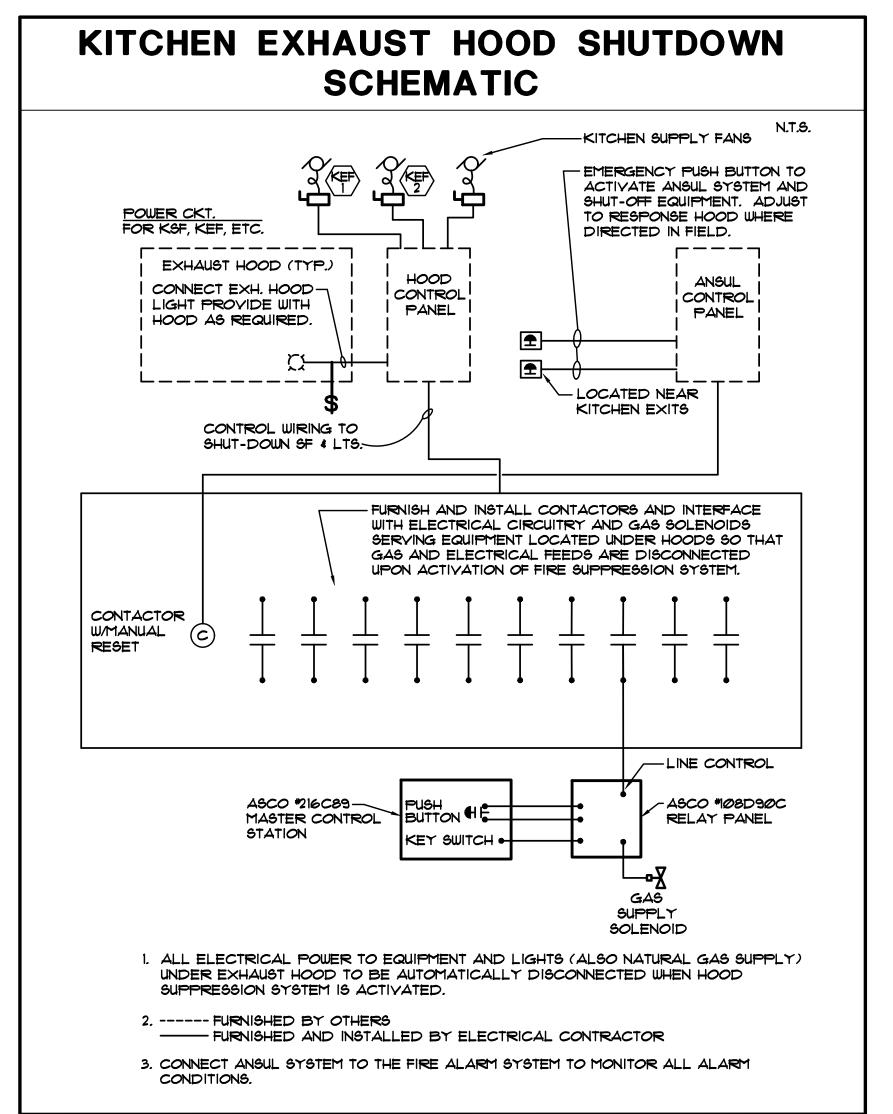
ELECTRICAL SCHEDULES, NOTES, DETAILS & DIAGRAMS

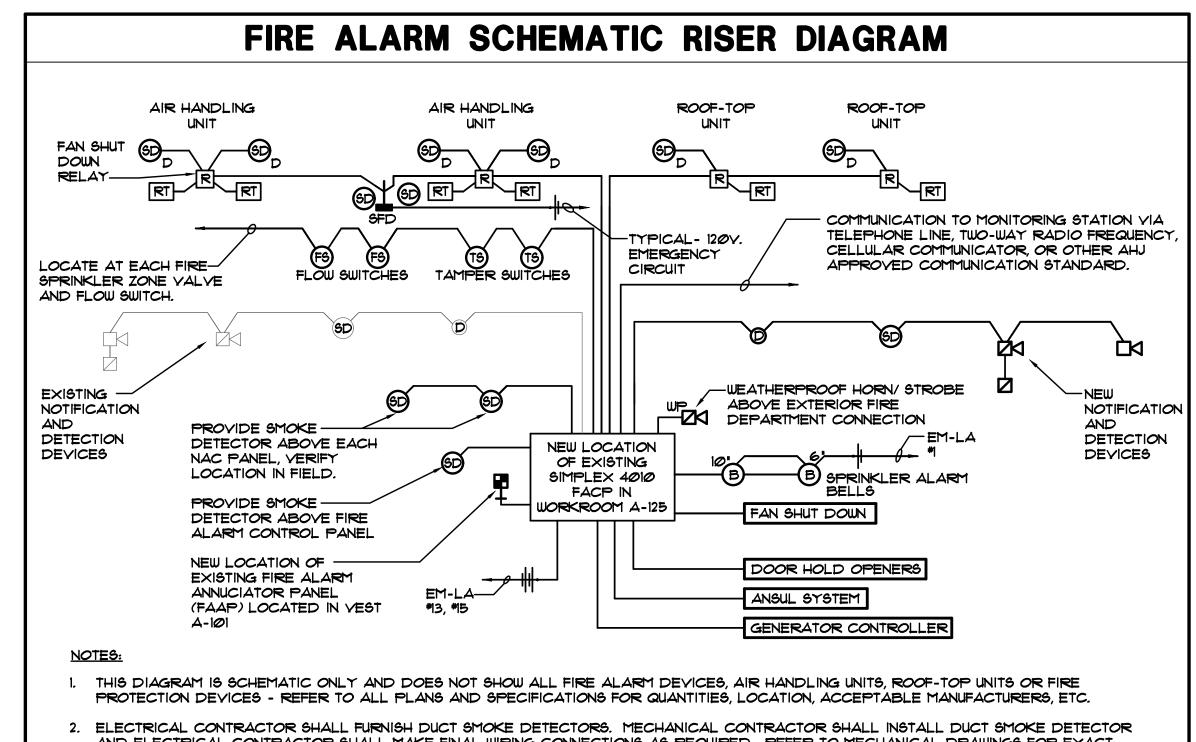
SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS AND RELATED WORK

GIBRALTAR DESIGN SHEET E-503

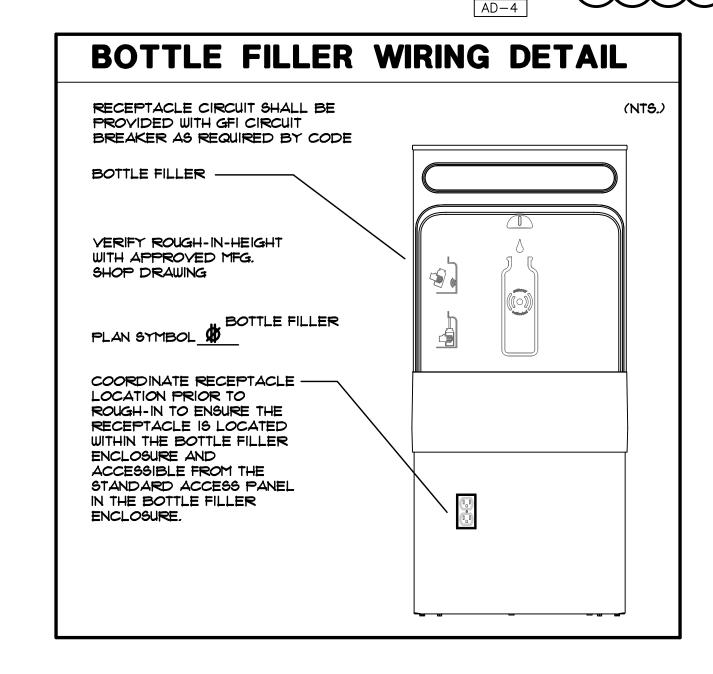
-SETBACK FIXTURE 1/5 OF POLE HEIGHT @180

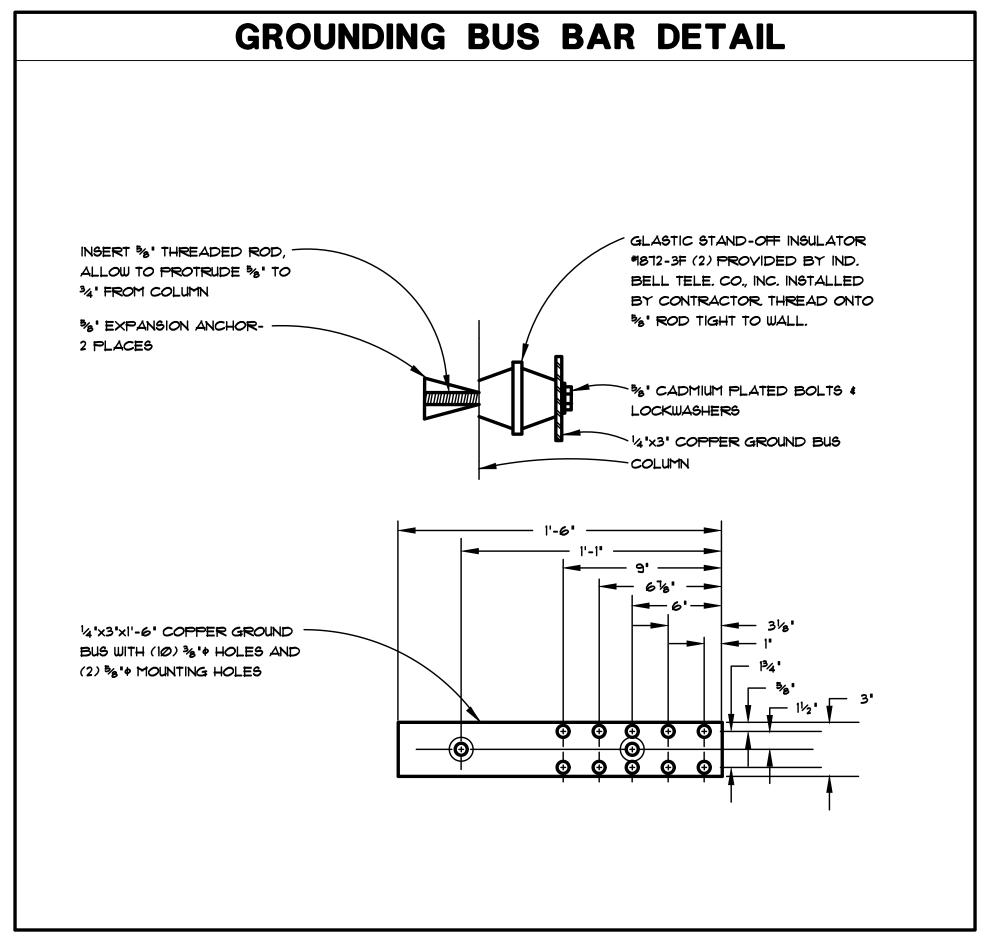






- AND ELECTRICAL CONTRACTOR SHALL MAKE FINAL WIRING CONNECTIONS AS REQUIRED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND QUANTITIES OF DUCT SMOKE DETECTORS.
- . ELECTRICAL CONTRACTOR SHALL PROVIDE INTERLOCKING BETWEEN DUCT SMOKE DETECTORS, FIRE ALARM CONTROL PANEL, AIR HANDLING UNITS, ROOF-TOP UNITS, ANSUL SYSTEM AND FAN SHUT DOWN RELAYS SO THAT UPON ACTIVATION OF FIRE ALARM SYSTEM, ALL AIR HANDLING EQUIPMENT AND SMOKE/FIRE DAMPER SHALL SHUT DOWN. ALL AIR HANDLING EQUIPMENT SHALL START AUTOMATICALLY (AND SEQUENTIALLY) UPON RESETTING OF THE FIRE ALARM SYSTEM.
- 4. ELECTRICAL CONTRACTOR SHALL CONNECT SMOKE/FIRE DAMPERS THROUGHOUT FACILITY TO CLOSE DAMPERS UPON ACTIVATION/ALARM OF SMOKE DUCT DETECTOR MOUNTED IN DUCT AHEAD OF RESPECTIVE DAMPER OR LOCAL SMOKE DETECTORS, COMPLETE AS REQUIRED. VERIFY LOCATION AND QUANTITIES ON MECHANICAL AND ARCHITECTURAL PLANS AND IN FIELD. INTERLOCK SMOKE DUCT DETECTORS AND DAMPERS WITH FIRE ALARM CONTROL PANEL, COMPLETE AS REQUIRED.
- 5. PROVIDE ADDITIONAL PARTS, ACCESSORIES, CARDS, ETC. AS REQUIRED TO COMPLETE THE WORK, FIRE ALARM DEVICES SHALL BE CONNECTED TO THE FIRE ALARM POWER SUPPLY AND BATTERIES OF THE SYSTEM AND SHALL NOT BE CONNECTED TO NORMAL POWER.
- 6. PROVIDE ALL RELAYS AND DEVICES AS REQUIRED TO MONITOR GENERATOR STATUS INCLUDING GENERATOR RUNNING AND GENERATOR
- CONTRACTOR SHALL HAVE OPTION TO REUSE AND REINSTALL EXISTING NAC PANELS, SMOKE DETECTORS, HEAT DETECTORS, DUCT DETECTORS, PULL STATIONS, STROBE DEVICES AND HORN STROBES (IN LIEU OF PROVIDING NEW) THAT ARE SHOWN TO BE DEMOLISHED IF THE EXISTING DETECTORS ARE STILL IN PROPER OPERATING CONDITION.







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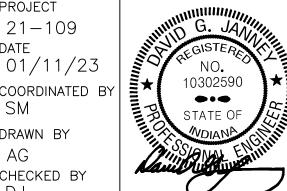
SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

**CROWN POINT COMMUNITY** SCHOOL CORPORATION CROWN POINT, INDIANA

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PROJECT 01/11/23 COORDINATED DRAWN BY



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MARK DATE ISSUED FOR AD-4 02/09/23 ADDENDUM NO. 4

ELECTRICAL DETAILS AND **DIAGRAMS** 

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

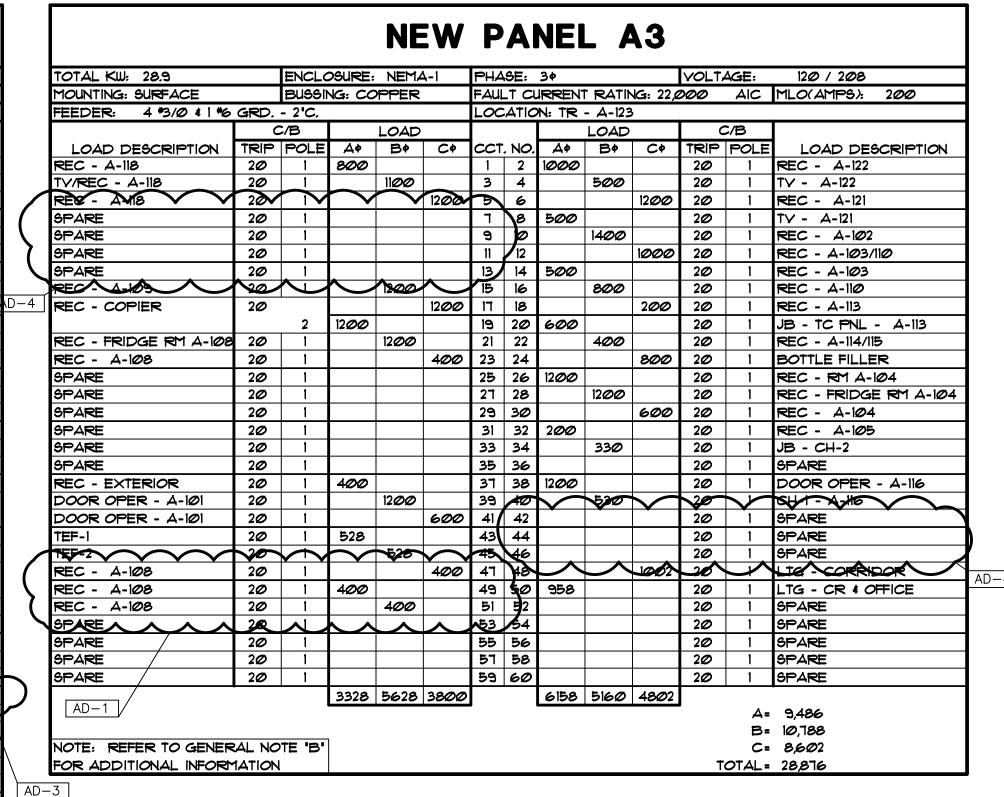
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10TAL KW: 38.1		ENCL	OSURE:	NEMA	7-1	PHA	SE:	3¢			YOLT!	4GE:	120 / 208
MOUNTING: SURFACE				PPER		_		JRREN1	RATIN				MLO(AMPS): 200
EEDER: 4 *3/Ø 4   *6	GRD.					LOC	ATIC	N: MEC	CHANIC	AL A-1	36		
	_	C/B		LOAD					LOAD			/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B♦	C¢	CCT	. NO.		B¢	Сф	TRIP	POLE	LOAD DESCRIPTION
REC - AI38	20	1	800			1	2	1000			20	1	REC - A-142
TY - A-138	20	1		500		3	4		800		20	1	TV/REC - A -142
REC - A-135/137	20	1			400	5	6			400	20	1	REC - A-142
V/REC - A-134	20	1	800			٦	8	1000			20	1	REC - A-140
REC - A-134	20	1		400		9	10		800		20	1	TV/REC - A -140
REC - CORR A-124	20	1			600	11	12			400	2Ø	1	REC - A-140
-C-1	15	1	33Ø			13	14	400			2Ø	1	REC - 4141
JH-1	15	1		1236		15	16		1200		20	1	REC - A-125
-C-3	15	1			465	17	18			1000	20	1	REC - FRIDGE A-125
TV/REC - E-127	20	1	800			19	20	1200			20		REC - COPIER A-125
REC - E-127	20	1		1200		21	22		1200			2	
TV/REC - E-123	20	1			900	23	24			1000	20	1	REC - A-127
REC - E-123	20	1	1200			25	26	800			2Ø	1	TV/REC - A-127
REC - E-124	20	1		200		27	28		800		20	1	REC - A-132
TV/REC - E-128	20	1			800	29	30			800	20	1	TV/REC - A-132 AD-
REC - E-128	20	1	1200			31/	32	400			201		REC-VA-136
REC - E-129/130	20	1		200		33	34		800		2Ø	1	REC - A-125
REC - E-132	20	1			400	35	X	)		400	M	<b>Û</b>	REAL-EXTERIOR
TV/REC - E-132	20	1	800			37	38	528			20	1	TEF-3
REC - E-132	20	1		1200		39	40		528		20	1	TEF-4
SPARE	20	1				41	42			528	20	1	TEF-5
SPARE	20	1				43	44	528			20	1	TEF-6
SPARE	20	1				45	46		528		2Ø	1	TEF-7
SPARE	20	1				47	48				20	1	SPARE
LTG - E-127/123	20	1	1096			49	50	1362			2Ø	1	LTG - A-140/142
LTG - E-128/132	20	1		1168		51	52		1060		20	1	LTG - CORR.
LTG - E-122	20	1			288	53	54			196	20	1	LTG - MECH ROOM
SPARE	20	1				55	56	1440			2Ø	1	LTG - A-127/132
SPARE	2Ø	1				57	58				20	1	SPARE
SPARE	20	1				59	60				20	1	SPARE
	•			6104	2272			0450	7716	4724			

TOTAL= 38,081

FOR ADDITIONAL INFORMATION

	TOTAL KW: 66.6		ENCL	OSURE:	: NEMA	<u>4-1</u>	PHA	SE:	3¢			YOLT,	AGE:	120 / 208
	MOUNTING: SURFACE				PPER		FAU	LT CI	JRREN1	RATIN	IG: 22,0	000	AIC	MLO(AMPS): 22
	FEEDER: 4 *4/Ø 4 1 *4	GRD.	- 2-1/2"	C.			LOC	ATIC	N: ELE	C B-12	2			•
		C	:/B		LOAD					LOAD			C/B	
	LOAD DESCRIPTION	TRIP	POLE	Дф	B¢	Cø	CCT	. NO.	Дф	B¢	Cþ	TRIP	POLE	LOAD DESCRI
	REC - BOTTLE FILLER	20	1	800			1	2	800			20	1	REC - B-103
	REC - BOTTLE FILLER	20	1		800		3	4		800		20	1	TV/REC - B-103
	REC - B-122/121	20	1			400	5	6			1200	20	1	REC - B-103
	REC - B-123/124	20	1	400			٦	8	600			20	1	REC - B-106
	CH-1 - BIØI	20	1		330		9	10		800		20	1	TV/REC - B-106
	REC - B-101	20	1			1400	11	12			600	20	1	REC - B-105
	REC - B-118	20	1	1000			13	14	600			20	1	REC - B-108
	REC - B120	20	1		1000		15	16		800		20	1	TY/REC - B-108
	REC - FRIDGE B-120	20	1			1000	17	18			1200	20	1	REC - B-108
	REC - COPIER - B-120	20		1200			19	20	600			20	1	REC - B-109
			2		1200		21	22		800		20	1	TY/REC - B-109
	REC - B-117		-			1200	23	24			1200	20	1	REC - B-109
	REC - B-117	20	1	1200			25	26	600			20	1	REC - B-110
	REC - B-117	20	1	1.2.2	1000		27	28		800		20	i	TY/REC - B-110
	TV - B-115	20	1		1.2.2.2	500	29	30		0.0.0	1200	20	1	REC - B-110
$\dashv$	REC - B-115	20	1	1200		300	31	32	800		1200	20	<u> </u>	TY/REC - B-111
$\checkmark$	REC - B-115	20	1	1200	800		33	34	000	600		20	1	REC - B-111
1	TY/REC - B-115	20	1		000	800	35	36		000	900	20	<u>'</u>	TY/REC - B-112
	REC - RANGE B-115	40	'	3328		000	37	38	1600		300	20	1	REC - MWAVE
	REC - RANGE B-119	+2	2	3526	3328		39	40	صعفا	1200		20	'	REC - COPIER
	REC - MWAYE B-115	20	1		3320	1600	41	42		1200	1200	20	2	REC - COI-IER
			1	600		1000	43	44	600		12:00	20	1	REC - B-112
	PROJECTOR - B-117	20	1	600	220		45 45	46	600	1000		20	1	
	FC-2 - B-106	20	1		330	100		_		1000	2226			REC - COFFEE B-
	REC - EXTERIOR	20	1	0:=		400	47	48	2222		3328	40	•	REC - RANGE B-1
	LTG - RR/CORR	20	!	917	110		49 51	50	3328	14.00			2	
	LTG - B-118/119/120	20	1		440	1.010		52		1600				REC - MWAVE B-1
	LTG - B-117	20	1			1012	53	54			1000	20	1	REC - VENDING E
	LTG - B-115/116	20	1	784			55	_	1000			20	1	REC - VENDING E
	LTG - UNIT B	20	1		1034		57	58		1000		20	1	REC - FRIDGE B-
	LTG - UNIT B	20	1			1152	59	60			1 <del>38</del> 0/	_		
	LTG - UNIT B	20	1	848			61	66	500			20	1	HOOD - B112
_	SPARE	20					63	64			<u> </u>	20	<u> </u>	SPARE
	SPARE	200	V				<b>6</b> 5	66				20	1	SPARE
	REC - B-115	20	1	400	<u> </u>		61	68				20	1	SPARE
	REC - B-115	20	1		400		69	710				20	1	SPARE
/7		Sec				400						20	1	SPARE
J	HOOD - B115	20		500			73	<b>)</b> 74				20	1	SPARE
	SPARE	1801	<b>→</b>	$\sim$			75	76				20	1	SPARE
	SPARE	20	1				דד	78				20	1	SPARE
	SPACE						79	80						SPACE
	SPACE						81	82						SPACE
	SPACE						83	84						SPACE
		•	•	11929	10662	9864			11028	9400	13748		•	-
					,		•			,		]	<b>A</b> =	22,957
	*PROVIDE 2 TUB PANEL													20,062
													_	·- r



TOTAL KW: 98.9		ENCL	DSURE:	NEMA	<b>1</b> -1	₽  }	SE:	3¢			YOLT,	4GE:	120 / 208
10UNTING: SURFACE		BUSSI	NG: CC	PPER		FAUL	_T Cl	IRREN	RATIN	NG: 22,0	000	AIC	MLO(AMPS): 400
EEDER: 4* 500 4 1 *3	GRD	- 3-1/2	'C			0 1	ATIC	N: MEZ	ZANIN				
		C/B		LOAD					LOAD			C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B¢	C¢	CCT	. NO.	Дф	B¢	C¢	TRIP	POLE	LOAD DESCRIPTION
	125		8906			1	2	8906			125		
<del>4H</del> −1				8906		3	4		8906				AH-2
		3			8906	5	6			8906		3	
	60		4198			٦	8	6297			90		
4H-1(2)				4198		9	10		6297				AH-2(2)
		3			4198	11	12			6297		3	
	60		3866			13	14	500			20	1	AH-2 LTG
CP-1				3866		15	16		500		20	1	AH-2 PWR
		3			3866	17	18				20	1	SPARE
AH-1 LTG	20	1	500			19	20				20	1	SPARE
AH-1 PWR	20	1		500		21	22				20	1	SPARE
JH-1	20	1			364	23	24				20	1	SPARE
SPARE	20	1				25	26				20	1	SPARE
SPARE	20	1				27	28				20	1	SPARE
SPARE	20	1				29	30				20	1	SPARE
BPACE						31	32						SPACE
SPACE						33	34						SPACE
SPACE						35	36						SPACE
SPACE						37	38						SPACE
BPACE						39	40						SPACE
BPACE	<u> </u>					41	42						SPACE
BPACE	<u> </u>		17470	17470	17334	41	42	15703	157Ø3	15203			SPACE

TOTAL= 98,883

FOR ADDITIONAL INFORMATION



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

**KEY PLAN** 

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

Phone 317.580.5777 Fax 317.580.5778

Email info@GibraltarDesign.com

PROJECT COORDINATED E

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REVIS	SIONS			
MARK	DATE	ISSUED FO	)R	
AD-1	01/26/23	ADDENDUM	NO.	1
AD-3	02/02/23	ADDENDUM	NO.	3
AD-4	02/09/23	ADDENDUM	NO.	4

DRAWING ELECTRICAL SCHEDULES

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS,

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AND RELATED WORK

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E-601

TOTAL KW: 40.2		ENCL	OSURE:	NEMA	4-1	PHA	SE:	3♦			VOLT	AGE:	120 / 208
MOUNTING: SURFACE		Bussi	NG: CC	PPER		FAU	LT C	JRREN	T RATIN	NG: 22,6	000	AIC	MCB(AMPS): 200
FEEDER: 4 *3/Ø 4 1 *6	GRD.	- 2'C.				LOC	ATIC	N: ER	B-219				•
	C	C/B		LOAD					LOAD		,	C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B♦	Cø	CCT	. NO.	Дφ	B¢	Cø	TRIP	POLE	LOAD DESCRIPTION
SPARE	20	1				1	2	1200			20	1	REC- B-119
SPARE	20	1				3	4		1200		20	1	REC- ACCESS CONTRO
SPARE	20	1				5	6			1200	20	1	REC - TTB - B-119
	60		2,644			٦	8	1200			20	1	DATA RACK A - BII9
EM-TECHI				2,300		9	10		1500		30		MDF A - B119
		3			2,344	11	12			1500		2	
	60		2,644			13	14	1200			20	1	DATA RACK B - BII9
EM-TECH2				2,300		15	16		1500		30		MDF B - B119
		3			2,344	lΠ	18			1500		2	
	60		3,644			19	20				20	1	SPARE
EM-TECH3				2,800		21	22		1144		30		AC/CU-2
		3			2,844		24			1144		2	
SPARE	20	1				25	26				20	1	SPARE
SPARE	20	1				27	28				20	1 1	SPARE
SPAREV V	30		$\sim$			29	30				20	1	SPARE
DOOR HARDWARE	20	1	500			<b>)</b> 31	32						SPACE
DOOR HARDWARE	20	1		500		33	34						SPACE
DOOR HARDWARE	20	1			500	35	36					ļ	SPACE
DOOR HARDWARE	20	1	500			<i>[</i> 37	38					ļ	SPACE
SPACE			$\vdash \sim$			39	40					<u> </u>	SPACE
SPACE						41	42						SPACE
			9932	79 <i>0</i> 0	8032	J		3600	5344	5344			

TOTAL KW: 29.4		ENCL	OSURE:	NEMA	4-1	PHA	SE:	3¢			YOLT,	AGE:	120 / 208
MOUNTING: SURFACE		BUSSI	NG: CC	PPER		FAU	LT Cl	IRREN	T RATIN	VG: 22,0	000	AIC	MLO(AMPS): 100
EEDER: 4*2 4 1 * GR	D - 1-1	/2 <b>'</b> C	-			LOC	ATIC	N: ELE	C D-16	<b>0</b> 5	-		
		C/B		LOAD					LOAD			B/S	
LOAD DESCRIPTION	TRIP	POLE	Дф	B♦	C¢	CCT	. NO.	Дф	B¢	C¢	TRIP	POLE	LOAD DESCRIPTION
TV/REC - D-110	20	1	800			1	2	600			2Ø	1	REC - D-102
REC - D-110	20	1		800		3	4		1200		20		REC - COPIER - D-106
REC - D-110	20	1			1200	5	6			1200		2	
TY/REC - D-III	20	1	800			٦	8	600			20	1	REC - PAPER CUT - D-16
REC - D-111	20	1		800		တ	0		600		20	1	REC - BIND MACH - D-1
REC - D-III	20	1			1200	11	12			600	20	1	REC - CUT MACH - D-10
TV/REC - D-109	20	1	800			13	14	600			20	1	REC - POSTER - D-106
REC - D-109	20	1		800		15	9		1000		20	1	REC - PRINT - D-106
REC - D-109	20	1			1200	П	18				20	1	SPARE
TV/REC - D-108	20	1	800			19	20	400			20	1	REC - D-105/D-106
REC - D-108	20	1		800		21	22		330		20	1	CH-1 - DIØ1
REC - D-108	20	1			1200	23	24			728	20	1	FC-4 - D-106
TV/REC - D-107	20	1	800			25	26	200			20	1	REC - EXTERIOR
REC - D-107	20	1		800		27	28		600		20	1	PROJECTOR - D-112
REC - D-107	20	1			1200	29	30				20	1	SPARE
REC - D-112	20	1	600			31	32	1159			20	1	LTG - D-112
EXTERIOR LTG UNIT A	20	1		108		33	34		976		20	1	LTG - D-112
EXTERIOR LTG UNIT B	20	1			29	35	36			1152	20	1	LTG - D-110/111
EXTERIOR LTG UNIT D	20	1	420			37	38	1152			20	1	LTG - D-108/109
EXTERIOR LTG UNIT E	20	1		30		39	40		800		20	1	LTG - D-106/107
SPARE	20	1				41	42			336	20	1	LTG - D-102
			5020	4138	6029			4711	5506	4016			
						_					-	Δ=	18T, <del>0</del>

TOTAL KW: 20.0		ENCL	OSURE:	NEMA	4-1	₽H₄	4SE:	3ቀ			YOLT	AGE:	120 / 208
MOUNTING: SURFACE		BUSSI	NG: CC	PPER		FAU	ILT CI	JRREN	T RATIN	NG: 22,0	000	AIC	MLO(AMPS):
FEEDER: 4 *6 4 1 *10 0	FRD	1'C.				LO	CATIC	N: ME	CHANIC	AL A-	136		
		C/B		LOAD					LOAD			C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B♦	CÞ	CC.	T. NO.	Дф	B¢	CÞ	TRIP	POLE	LOAD DESC
SPRINKER BELLS	20	1	200			1	2	1512			20	1	UY-2 - RM A-118
EPHICAT - WIT A	20			1140		3	4		1236		20	1	UY-1 - RM A-119
EM LGT - UNIT A	20	1			744	5	6			1512	20	1	UY-2 - RM A-12
EPLGT-UNITA	20	$\setminus$	_5/ <u>\$</u> _			٦	8	1512			20	1	UY-2 - RM A-142
EM EXTER LGT UNIT A	20	1		176		9	10		15/2		30		WZ-RYA-W
EXIT SIGNS UNIT A	20	1			50	11/	12	-		1200	20	1	REC - A-111
FACP	2Ø	1	500			1\$	14	800			20	1	TV - A-111/A-112
FAPFO	20			500		15	16		800		20	1	REC - A-106
REC - A-103	20	1			800	77	18			600	20	1	TY/REC - A-106
REC - A-103	20	1	1200			रिष	20	800			20	1	REC - A-107
SPARE	20	1				21	22		600		20	1	TY/REC - A-101
LTG - UNIT A OFFICE	20	1			865	23	24			1200	20	1	REC - A-112
		ス	2412	YELE?	2459		7	4624	41/8	45/2			
						•						<b>A</b> =	7,036
				AD	-4			AD-	-4				5,964

TOTAL KW: 7.8		ENCL	OSURE:	NEM	<b>4-1</b>	PHA	SE:	34			YOLT.	AGE:	120 / 208
MOUNTING: SURFACE		BUSSI	NG: CC	PPER		FAU	_T Cl	JRREN1	RATIN	NG: 22,0	000	AIC	MCB(AMPS): 60
FEEDER: 4 *6 4 1 *10 0	#RD	1 <b>'</b> C.				LOC	ATIC	N: TR	D-1Ø3				
		C/B		LOAD	ı				LOAD			C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B¢	C¢	CCT	. NO.	Дф	B¢	Cø	TRIP	POLE	LOAD DESCRIPT
SPARE	20	1				1	2	1500			3Ø	•	D1Ø3 - IDF
DIØ3 - RECEPS	20	1		800		3	4		1500			2	
DIØ3 - DATA RACK	20	1			1200	5	6			1144	3Ø		AC-CU-1
SPARE	20	1				7	8	1144				2	
SPARE	20	1				9	10				20	1	SPARE
SPARE V	20				$\sim$	11	12				20	1	SPARE
DOOR HARDWARE	20	1	500		)	13	14						SPACE
		$\overline{}$				15	16						SPACE
SPACE						17	18						SPACE
SPACE						19	20						SPACE
SPACE						21	22						SPACE
SPACE						23	24						SPACE
			500	800	1200			2644	1500	1144		•	•
				•	•	•					•	<b>A</b> =	3,144
													2,300

TOTAL KW: 9.3		ENCL	OSURE:	NEMA	<del>4</del> -1	PHA	SE:	3¢			VOLT	AGE:	120 / 208
MOUNTING: SURFACE		BUSSI	NG: CC	PPER		FAUL	_T Cl	JRREN	T RATIN	NG: 22,0	000	AIC	MCB(AMPS): 60
FEEDER: 4 *6 4 1 *10	GRD	1 <b>'</b> C.				LOC	ATIC	N: TEC	HNOLO	GY E-	108		
		C/B		LOAD	1				LOAD			C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B∮	C¢	CCT	. NO.	Дф	B¢	Cø	TRIP	POLE	LOAD DESCRIPTION
SPARE	20	1				1	2	1500			3Ø	•	E-108 - IDF
E-108 - RECEPS	20	1		800		3	4		1500			2	
E-108 - DATA RACK	20	1			1200	5	0			1144	3Ø		AC-CU-1
SPARE	20	1				7	8	1144				2	
SPARE	20	1				9	10				20	1	SPARE
SRARE/	700					11	12				20	1	SPARE
DOOR HARDWARE	20	1	500			)13	14						SPACE
DOOR HARDWARE	20	1		500		<b>4</b> 5	16						SPACE
DOOR HARDWARE	20	1			500	<b>)</b> †	8						SPACE
DOOR HARDWARE	20	1	500			19	20						SPACE
( <u> </u>	<b>人</b> ノ				)	21	22						SPACE
SPLACE TO THE SP						23	24						SPACE
<b></b>						25	24						

OTAL KW: 36.2		ENCL	OSURE:	NEMA	4-1	PHA	SE:	3¢			YOLT.	AGE:	120 / 208
10UNTING: SURFACE		BUSSII	NG: CC	PPER		FAUL	_T Cl	JRREN1	RATIN	NG: 22,6	000	AIC	MLO(AMPS): 225
EEDER: 4 *4/0 4 1 *4	GRD.	- 2-1/2"	C.			LOC	ATIC	N: TEC	HNOLO	ZGY E-	108		
		)/B		LOAD					LOAD			C/B	Ì
LOAD DESCRIPTION	TRIP	POLE	Дф	Bø	C¢	CCT	. NO.	Дф	Bø	C¢	TRIP	POLE	LOAD DESCRIPTION
REC - E-133	20	1	600			1	2	600			20	1	REC - E-121
V/REC - El33	20	1		800		3	4		800		20	1	TY/REC - E121
EC - E-133	20	1			1200	5	6			1200	20	1	REC - E-121
EC - E-113	20	1	600			٦	8	600			20	1	REC - E-120
V/REC - E-113	20	1		800		9	10		800		20	1	TY/REC - E120
REC - E-113	20	1			1200	11	12			1200	20	1	REC - E-120
EC - E-114	20	1	600			13	14	600			20	1	REC - E-119
V/REC - E-114	20	1		800		15	16		800		20	1	TY/REC - EII9
REC - E-114	20	1			1200	ΙT	18			1200	20	1	REC - E-119
EC - E-115	20	1	600			19	20	600			20	1	REC - E-118
V/REC - E-115	20	1		800		21	22		800		20	1	TY/REC - EIIS
REC - E-115	20	1			1200	23	24			1200	20	1	REC - E-118
EC - E-110/111	20	1	400			25	26	600			20	1	REC - E-117
REC - E-1002/109/112	20	1		600		27	28		800		20	1	TY/REC - EIIT
REC - E-105/106/107	20	1			600	29	30			1200	20	1	REC - E-IIT
H-1	20	1	1060			31	32	1176			20	1	TEF-8
C -1	20	1		530		33	34		528		20	1	TEF-9
C-5	20	1			728	35	36				20	1	SPARE
C-5	20	1	728			37	38	1152			20	1	LGT - E-120/121
PARE	20	1				39	40		1152		20	1	LGT - E-118/119
PARE	20	1				41	42			1152	20	1	LGT - E-117/115
PARE	20	1				43	44	1152			20	1	LGT - E-113/114
PARE	20	1				45	46		576		20	1	LGT - E-133
PARE	20	1				47	48			1229	20	1	LGT - CORR,RR, OFFIC
PARE	20	1				49	50				20	1	SPARE
PARE	20	1				51	52				20	1	SPARE
PARE	20	1				53	54				20	1	SPARE
PARE	20	1				55	56				20	1	SPARE
PARE	20	1				57	58				20	1	SPARE
PARE	20	1				59	60				20	1	SPARE
•		-	4588	4330	6128			6480	6256	8381			-
		1	4588	4330	6128			6480	6256	8381		1	•

AD-4

			NE	W	P	AN	E	_ K		CH	EN		
FOTAL KW: 110.7		ENCL	OSURE:	NEMA	<del>\</del> -1	PHA	SE:	3¢			VOLT4		120 / 208
MOUNTING: RECESSED		BUSSII	NG: CC	PPER		FAU	_T Cl	IRREN1	RATIN	G: 22,6	000	AIC	MLO(AMPS): 400
FEEDER: 4* 500 4 1 *3	GRD	- 3-1/2	<u>'C</u>			LOC	ATIC	N: KITO	SHEN D	-115			
	C	C/B		LOAD					LOAD		C	:/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B♦	Cø	CCT	. NO.	Дф	B♦	Сф	TRIP	POLE	LOAD DESCRIPTION
REC - LOCKER AREA	20	1	800			1	2	385			20		
65 - DRYER	30			2496		3	4		385				#19 - GARBAGE DISP.
		2			2496	5	6			385		3	
65 - WASHER	20	1	1920			Т	8	1920			20	1	#14 - ISLAND WORKTABLE
REC - OFFICE D-118	20	1		1000		9	10		1920		20	1	#14 - ISLAND WORKTABLE
24 - ICE MAKER	20	1			1380	11	12			1920	20	1	#14 - ISLAND WORKTABLE
DR2 - CONV.	20	1	1920			13	14	1920			20	1	#14 - ISLAND WORKTABLE
26 - MICROWAVE	20	1		1608		15	16		1920		20	1	*17 - ISLAND WORKTABLE
DRI - DRY STORAGE	20	1			1920	17	18			1920	20	1	#17 - ISLAND WORKTABLE
M6 - HAND SINK	20	1	720			19	20	1920			20	1	#17 - ISLAND WORKTABLE
54 - DISH EF	20	1		768		21	22		1920	· ·	20	1	*17 - ISLAND WORKTABLE
SPARE	20	1				23	24			1200	20	1	*30 - EXHAUST HOOD
	20		385			25	26	812			20		*28 - HEATED CABINET
49 - GARBAGE DISP.				385		27	28		812			2	
		3			385	29	30			840	20	1	*29 - FRIDGE
68 - MILK COOLER	20	1	324			31	32	1560			20		*35 - COMBIOYEN
169 - HOT SERY, CTR.	20	1		1920		33	34		1560			2	
"TØ - DROP-IN HOT/COL	20				1498	35	36			1560	20		*35 - COMBIOYEN
		2	1498			37	38	1560				2	
TI - SELF SERVE	20	1		720		39	40		1200		20	1	*37 - TILT SKILLET
12 - COLD SERVE CTR.	20	1			1920	41	42			948	20	1	*40 - CONVECTION OVEN
73 - DROP-IN COLD	20	1	1020			43	44	948			20	1	*40 - CONVECTION OVEN
174 - DROP-IN HOT/COLI	20	1		720		45	46		600		20	1	*31 - FIRE SUPP SYS.
75 - DRY GOODS CTR	20	1			1920	47	48			840	20	1	*29 - FRIDGE
MG - ICE CREAM FRZ.	20	1	240			49	50	812			20		*28 - HEATED CABINET
165 - DRY GOODS CTR	20	1		1920		51	52		812			2	
*82 - COLD SERVE CTR.	20	1			1920	53	54			600	20	1	KEC CONTROL PANEL
183 - DROP-IN COLD	2Ø	1	1020			55	56	720			2Ø	1	#16 - HAND SINK
*84 - SELF SERVE	20	1		720		57	58		720		20	1	#16 - HAND SINK
19 - HOT SERY, CTR.	20	1			1920	59	60			600	20	1	REC - SERVING AREA
180 - DROP-IN HOT/COL	D 20		1498			61	62	800			20	1	TV'S - SERVING AREA
		2		1498		63	64		800		20	1	REC - SERVING AREA
181 - DROP-IN COLD	20	1			720	65	66			1200	20	1	O.H. ROLLING GRILL
178 - MILK COOLER	20	1	324			67	68	1920			20	1	*DR2 - CAFE
167 - POS	20	1		1920		69	70		800		20	1	TV'S - CAFE
167 - 1706	2Ø	1			1920	71	72		$\langle$	1820	200	<u> </u>	*ORZYCZKY
	45		4107			73	74(	21Ø1			35		
52 - DISH DRYER				4107		75	79		21Ø1				*34 - MAKEUP AIR UNIT
		3			4107	דד	78			2101		3	
LTG - KITCHEN	20	1	1233			79	80	936			20	_	
SPARE	2Ø	1				81	81		936				*33 - COOKING EF
6PARE	20	1				83	84			936		3	
			PODTI	19782	22106	]		18914	16486	16818			
						_						<b>A=</b>	35,323
			-							/	-	B=	36,268
NOTE: REFER TO GENER	AL NO	TE 'S'	1						AD-	7 ]		<b>C</b> -	3 <b>9,0</b> 76

TOTAL KW: 9.3		ENCL	OSURE:	NEMA	<b>\</b> -1	PHA	SE:	3 <b>¢</b>			YOLT,	4GE:	120 / 208
MOUNTING: SURFACE		BUSSII	YG: CC	PPER		FAUL	_T Cl	IRREN1	RATIN	G: 22,0	000	AIC	MCB(AMPS): 60
EEDER: 4 % 4 1 40 0	GRD	1'C.				LOC	ATIC	N: TR	4-123				
		C/B		LOAD					LOAD		C	C/B	
LOAD DESCRIPTION	TRIP	POLE	Дф	B∳	C¢	CCT	. NO.	Дф	B∳	Cþ	†RIP	POLE	LOAD DESCRIPTION
SPARE	20	1				1	2	1500			30		A-123 - IDF
A-123 - RECEPS	20	1		800		3	4		1500			2	
A-123 - DATA RACK	20	1			1200	5	6			1144	3Ø		AC-CU-1
SPARE	20	1				7	8	1144				2	
SPARE	20	1				9	10				20	1	SPARE
SRARE V	20					- 11	12				20	1	SPARE
DOOR HARDWARE	20	1	500			13	14						SPACE
DOOR HARDWARE	20	1		500		45	16						SPACE
DOOR HARDWARE	20	1			500	1)1	18						SPACE
DOOR HARDWARE	20	1	500			1/9	20						SPACE
SRACE -						21	22						SPACE
SPACE						23	24						SPACE
	-		1000	1300	17ØØ			2644	1500	1144			•
		'				•					•	<b>A</b> =	3,644
												B=	2 <i>,800</i>
NOTE: REFER TO GENER	RAL NO	TE 'B'											2,844
FOR ADDITIONAL INFORM	MATION	l									т	OTAL=	9288



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

KEY PLAN

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

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MARK DATE ISSUED FOR AD-1 | 01/26/23 | ADDENDUM | NO. 1AD-3 02/02/23 ADDENDUM NO. 3 AD-4 02/09/23 ADDENDUM NO. 4

DRAWING ELECTRICAL SCHEDULES

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

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					N	MEC	HAN	IICA	L E	QUIP	MENT	г со	NNECTIO	N S	СН	EDI	JLE	
TAG	DESCRIPTION			LOAD			MOCP	VOLT	PHASE	E PANEL	CKT. NO.	FUSED	FEEDER		START		LOCATION	REMARKS
C-1	CHILLER	WATTS 407378		MCA 490	FLA -	AMPS	600	480	3	-	-	C/B 600A/3P	CABLE (2)4 *350 & 1 *1 GRD.	(2)3'	MC.	EC.	-	ALTERNATE BID
B-1	BOILER	4160	-	-	20	-	30	208	1	EM-BOIL	1-3-5	30A/2P	3 40 4 1 40 GRD.	3/4'	×	-	BOILER RM	-
B-2	BOILER	4160	-	-	20	_	30	208	1	EM-BOIL	2-4-6	30A/2P	3 40 4 1 40 GRD.	3/4'	×	_	BOILER RM	-
<u>А</u> Н-1	AIR HANDLING UNIT	26718	_	74		_	125	208	3	2C4	1-3-5	125A/3P	4 #1/0 \$ 1 *6 GRD.	2"	×	_	MEZZ	_
	-	12594	_	35	_	_	60	208	3	2C4	7-9-11	60A/3P	4 *4 \$ 1 *10 GRD.	1-1/4"	×	_	-	
									+									
AH-2	AIR HANDLING UNIT	26718	-	74	-	-	125	208	3	2C4	2-4-6	125A/3P	4 4/0 \$ 1 6 GRD.	2"	×	-	MEZZ	-
-	•	18892	-	53	-	-	90	208	3	2C4	18-10-12	90A/3P	4 *2 \$ 1 *8 GRD.	1-1/4"	×	-	-	-
RT-I	ROOFTOP UNIT	23Ø3Ø	-	64	-	-	90	208	3	EM-BOIL	25-27-29	0A/3P	4 *2 \$ 1 *8 GRD.	1-1/4"	×	-	UNIT A ROOF	PROVIDE NEW BREAKER IN EXISTING PANEL
u∨-1	UNIT VENTILATOR	1236	-	10	-	-	15	120		EM-L	VARIES	20A/IP	2 #12 4 1 #12 GRD.	3/4"	×	-	-	-
U <b>∨</b> -2	UNIT VENTILATOR	1512	-	13	-	-	20	120	1	EM-L	VARIES	20A/IP	2 #12 \$ 1 #12 GRD.	3/4'	×	-	-	-
U√-3	UNIT VENTILATOR	1512	-	13	-	-	20	120	1	EM-L	VARIES	20A/IP	2 41 41 GRD.	3/4'	×	-	-	-
FC-I	FAN COIL UNIT	33Ø	-	3	-	-	15	120	1	VARIES	VARIES	20A/IP	2 #12 & 1 #12 GRD.	3/4'	×	-	-	-
FC-2	FAN COIL UNIT	33Ø	-	3	-	-	15	120	1	VARIES	VARIES	20A/IP	2 41 41 GRD.	3/4'	×	-	-	-
FC-3	FAN COIL UNIT	466	-	4	-	-	15	120	1	VARIES	VARIES	20A/IP	2 #12 4 1 #12 GRD.	3/4'	×	-	-	-
FC-4	FAN COIL UNIT	728	-	6	-	-	15	120	1	VARIES	VARIES	20A/IP	2 #12 & 1 #12 GRD.	3/4'	×	-	-	-
FC-5	FAN COIL UNIT	728	-	6	-	-	15	120	1	VARIES	VARIES	20A/IP	2 #12 4 1 #12 GRD.	3/4"	×	_	-	-
CH-1	CABINET HEATER	330	_	3	_	_	15	120	1	VARIES	VARIES	20A/IP	2 #12 \$ 1 #12 GRD.	3/4'	×	_	-	-
CH-2	CABINET HEATER	728	_	6	_	_	15	120	1	VARIES	VARIES	20A/IP	2 #12 & 1 #12 GRD.	3/4'	×	_	-	_
CH-3	CABINET HEATER	33@	_	3	_	_	15	120	· ·	VARIES	VARIES	20A/IP	2 #12 \$ 1 #12 GRD.	3/4'	×		-	
				,					<u> </u>			+				-		
UH-1	UNIT HEATER	132	-	<b>'</b>	-	-	15	120	<u> </u>	VARIES	VARIES	20A/IP	2 41 41 GRD.	3/4'	×	-	-	-
AC-1/CU-1	AC/CONDENSING UNIT	2288	-	11	-	-	28	208	1	VARIES	VARIES	3ØA/2P	3 40 4 1 40 GRD.	3/4'	×	-	-	-
4C-2/CU-2	AC/CONDENSING UNIT	5200	-	25	-	-	30	208	1	EM-TECH	22-24	30A/2P	3 40 4 1 40 GRD.	3/4'	×	-	UNIT B ROOF	-
TEF-1	TOLIET EXHAUST FAN	528	1/6	-	-	-	-	120	1	A3	43	20A/IP	2 #12 4 1 #12 GRD.	3/4'	-	×	UNIT A ROOF	-
TEF-2	TOLIET EXHAUST FAN	528	1/6	-	-	-	-	120	1	АЗ	45	20A/IP	2 4 4 1 4 GRD.	3/4'	-	×	UNIT A ROOF	-
TEF-3	TOLIET EXHAUST FAN	528	1/6	-	-	-	-	120	1	Al	38	20A/IP	2 #12 4 1 #12 GRD.	3/4'	-	×	UNIT A ROOF	-
TEF-4	TOLIET EXHAUST FAN	528	1/6	-	-	-	-	120	1	Al	40	20A/IP	2 #12 # 1 #12 GRD.	3/4'	-	×	UNIT A ROOF	-
TEF-5	TOLIET EXHAUST FAN	528	1/6	-	-	-	-	120	1	A1	42	20A/IP	2 #12 4 1 #12 GRD.	3/4'	-	×	UNIT A ROOF	-
TEF-6	TOLIET EXHAUST FAN	528	1/6	-	-	-	-	120	1	Al	44	20A/IP	2 #12 \$ 1 #12 GRD.	3/4"	-	×	UNIT E ROOF	-
TEF-7	TOLIET EXHAUST FAN	528	1/6	-	-	-	_	120	1	Al	46	20A/IP	2 41 41 GRD.	3/4'	_	×	UNIT E ROOF	-
TEF-8	TOLIET EXHAUST FAN	1176	1/2	-	-	_	_	120	1	<b>E</b> I	32	20A/IP	2 #12 4 1 #12 GRD.	3/4'	_	×	UNIT E ROOF	-
TEF-9	TOLIET EXHAUST FAN	528	1/6	_	_	_	_	120	1	EI	34	20A/IP	2 4 1 4 GRD.	3/4'	_	×	UNIT E ROOF	_
TEF-10	TOLIET EXHAUST FAN	528	1/6	_	_	_	_	120	1	DI	19	20A/IP	2 #12 \$ 1 #12 GRD.	3/4'	_	×		PROVIDE NEW BREAKER IN EXISTING PANEL
									· ·			+						
TEF-II	TOLIET EXHAUST FAN	528	1/6	-	-	-	-	120	<u>'</u>	DI 263	21	20A/IP	2 #2 4 1 #2 GRD.	3/4"	-	×		PROVIDE NEW BREAKER IN EXISTING PANEL
TEF-12	TOLIET EXHAUST FAN	1656	3/4	-	-	-	-	120	1	2C3	ARB	25A/IP	2 40 4 1 40 GRD.	3/4"	-	×		PROVIDE NEW BREAKER IN EXISTING PANEL
TEF-13	TOLIET EXHAUST FAN	1920	1	-	-	-	-	120	1	2C2	ARB	30A/IP	2 40 4 1 40 GRD.	3/4'	-	×		PROVIDE NEW BREAKER IN EXISTING PANEL
TEF-14	TOLIET EXHAUST FAN	1920	1	-	-	-	-	120	1	B2	60	30A/IP	2 40 4 1 40 GRD.	3/4'	-	×	UNIT B ROOF	-
TEF-15	TOLIET EXHAUST FAN	1656	3/4	-	-	-	-	120	1	2C2	ARB	25A/IP	2 40 4 1 40 GRD.	3/4'	-	×	UNIT C ROOF	PROVIDE NEW BREAKER IN EXISTING PANEL
TWH-1	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	EM-BOIL	13	20A/IP	2 #2 \$ 1 #2 GRD.	3/4'	-	-	BOILER RM	PROVIDE NEW BREAKER IN EXISTING PANEL
TWH-2	TANKLESS WATER HEATER	24Ø	-	-	-	2	-	120	1	EM-BOIL	15	20A/IP	2 #12 & 1 #12 GRD.	3/4'	-	-	BOILER RM	PROVIDE NEW BREAKER IN EXISTING PANEL
TWH-3	TANKLESS WATER HEATER	240	-	-	-	2	-	120	1	EM-BOIL	П	20A/IP	2 #12 & 1 #12 GRD.	3/4'	-	-	BOILER RM	PROVIDE NEW BREAKER IN EXISTING PANEL
DBP-1	DOMESTIC BOOSTER PUMP	9115	(2) 7.5	-	-	-	-	208	3	A2	T-9-II	50A/3P	4 *6 \$ 1 *10 GRD.	1"	-	-	BOILER RM	PROVIDE NEW BREAKERS IN EXISTING PANEL
-	-	9115	-	-	-	-	-	208	3	A2	13-15-17	50A/3P	4 *6 \$ 1 *10 GRD.	1"	-	-	-	-
RCP-1	RECIRCULATING PUMP	200	1/6	-	-	-	-	120	1	EM-BOIL	19	20A/IP	2 #12 & 1 #12 GRD.	3/4'	-	-	BOILER RM	PROVIDE NEW BREAKER IN EXISTING PANEL
		1		ı	1								I				İ	

AD-4

				PUN	AP I	EQU	IPME	NT C	ONN	ECTION	SC	HED	ULE	<b>E</b>	
TAG	DESCRIPTION	LOAD	±₽.	MOCP	VOLT	PHASE	PANEL	CKT. NO.	FUSED SWITCH	FEEDER		STARTED BY:		LOCATION	REMARKS
		WATTS							C/B	CABLE	c	MC.	EC.		
BP-1	BOILER PUMP	9115	7.5	-	208	3	EM-BOIL	-	50A/3P	4 16 4 1 18 GRD.	1"	-	-	BOILER RM	PROVIDE NEW BREAKER IN EXISTING PANEL
BP-1	BOILER PUMP	9115	7,5	-	208	3	EM-BOIL	T-9-11	50A/3P	4 *6 4 1 *8 GRD.	1"	-	-	BOILER RM	PROVIDE NEW BREAKER IN EXISTING PANEL
BP-2	BOILER PUMP	9115	7 1/2	-	208	3	EM-BOIL	8-10-12	50A/3P	4 *6 \$ 1 *8 GRD.	1"	-	-	BOILER RM	PROVIDE NEW BREAKER IN EXISTING PANEL
CP-1	CHILLER PUMP	11601	10	-	208	3	2C4	ARB	60A/3P	4 *4 \$ 1 *10 GRD.	1-1/4"	-	-	MEZZ	PROVIDE NEW BREAKER IN EXISTING PANEL
HWP-1	HOT WATER PUMP	11601	10	-	208	3	A2	1-3-5	60A/3P	4 *4 \$ 1 *10 GRD.	1-1/4"	-	-	BOILER RM	PROVIDE NEW BREAKER IN EXISTING PANEL
HWP-2	HOT WATER PUMP	11601	10	-	208	3	A2	2-4-6	60A/3P	4 *4 \$ 1 *10 GRD.	1-1/4"	-	-	BOILER RM	PROVIDE NEW BREAKER IN EXISTING PANEL
CHWP-1	CHILLED WATER PUMP	17400	15	-	208	3	2C1	ARB	90A/3P	4 *2 4 1 *8 GRD.	1-1/4"	-	-	MEZZ	PROVIDE NEW BREAKER IN EXISTING PANEL
CHWP-2	CHILLED WATER PUMP	17400	15	-	208	3	2C1	ARB	90A/3P	4 *2 4 1 *8 GRD.	1-1/4"	-	-	MEZZ	PROVIDE NEW BREAKER IN EXISTING PANEL



DESIGN ARCHITECTURE ● ENGINEERING ● INTERIOR DESIGN



SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA

KEY PLAN

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MARK	DATE	ISSUED FOR
AD-4	02/09/23	ADDENDUM NO. 4
	1	

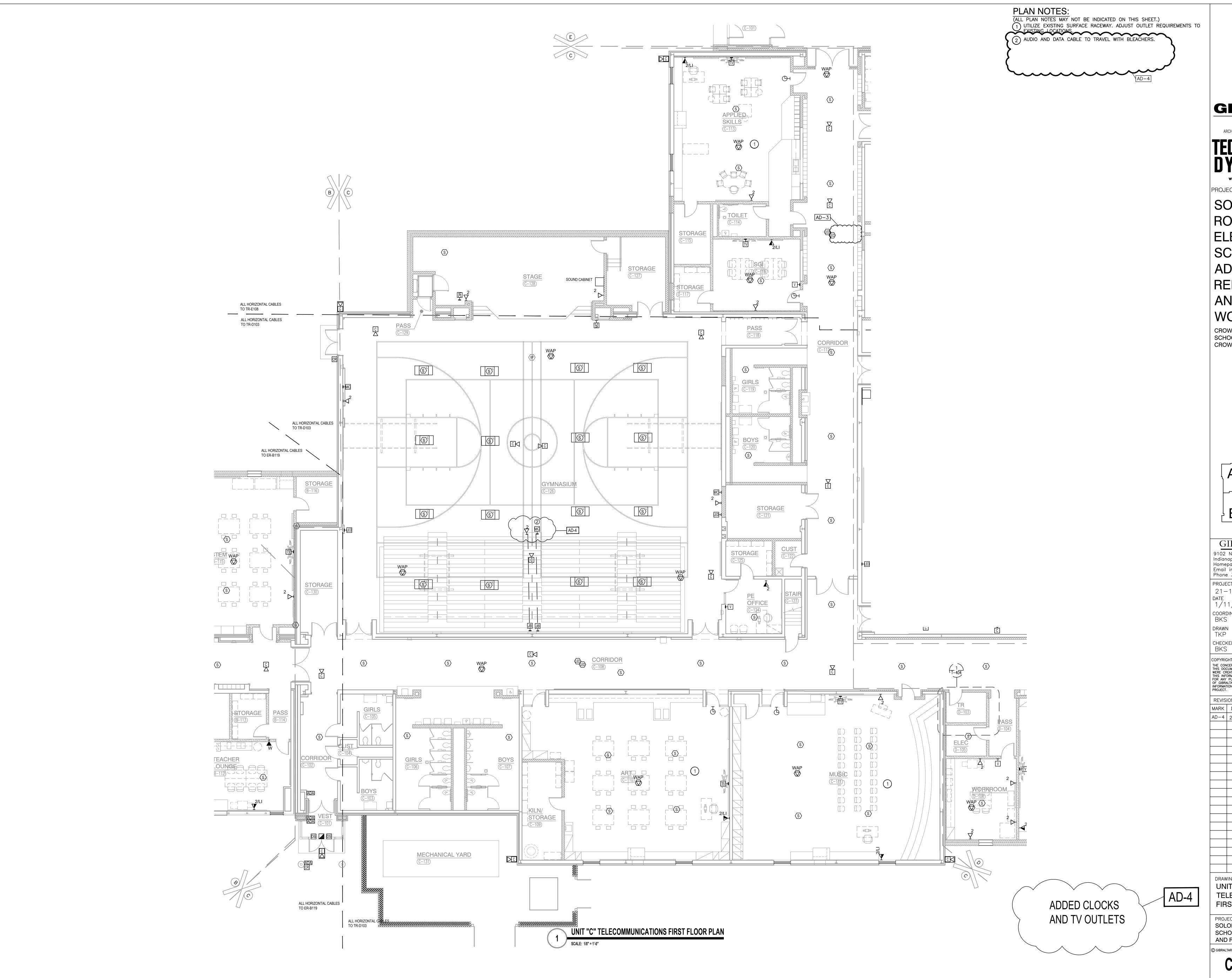
ELECTRICAL SCHEDULES

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

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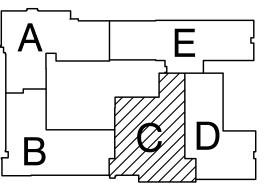


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SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



**KEY PLAN** 

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Bicsi

**Brian K Scott** 

21-109 1/11/23 COORDINATED 6

BICSI ID # 114038 **EXPIRES 12-31-24** DRAWN BY CHECKED BY

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REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-4	2/08/23	ADDENDUM 4

DRAWING
UNIT "C" **TELECOMMUNICATIONS** FIRST FLOOR PLAN

PROJECT
SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

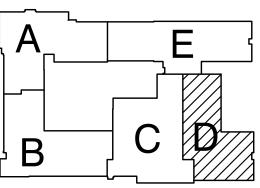
T-103

GIBRALTAR DESIGN

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SOLON
ROBINSON
ELEMENTARY
SCHOOL
ADDITIONS,
RENOVATIONS,
AND RELATED
WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



KEY PLAN

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PROJECT
21-109
DATE
1/11/23
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BKS
DRAWN BY

COORDINATED BY BRIANK Scott
BICSI ID # 114038
EXPIRES 12-51-24

CHECKED BY
BKS

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REVIS	IONS	
MARK	DATE	ISSUED FOR
AD-4	2/08/23	ADDENDUM 4

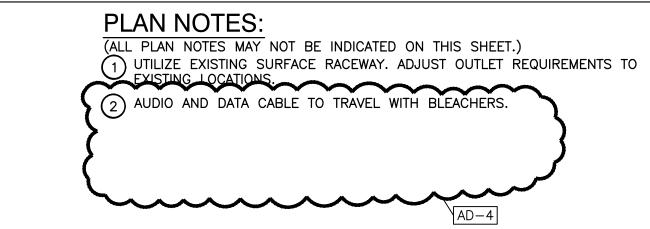
DRAWING

UNIT "D"
TELECOMMUNICATIONS
FIRST FLOOR PLAN

PROJECT
SOLON ROBINSON ELEMENTARY
SCHOOL ADDITIONS, RENOVATIONS,
AND RELATED WORK

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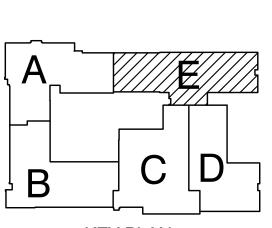


DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

**GIBRALTAR** 

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

CROWN POINT COMMUNITY SCHOOL CORPORATION CROWN POINT, INDIANA



**KEY PLAN** GIBRALTAR DESIGN

BICSI ID#114038

**EXPIRES 12-31-24** 

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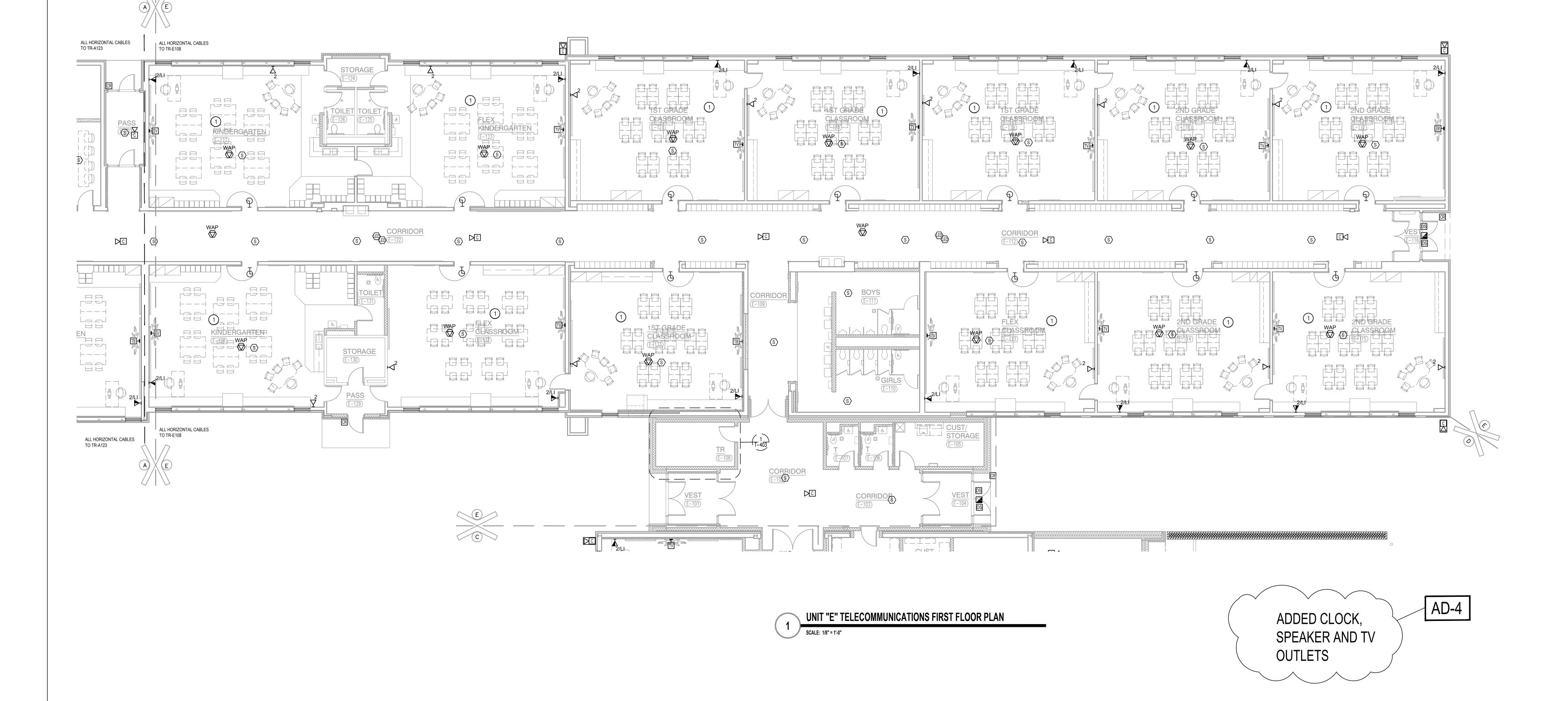
UNIT "E"

**TELECOMMUNICATIONS** FIRST FLOOR PLAN

SOLON ROBINSON ELEMENTARY SCHOOL ADDITIONS, RENOVATIONS, AND RELATED WORK

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