ADDENDUM NO. 3

May 1, 2024

Blue River Valley Schools Renovations to:

Elementary School
4713 Viking Trail
New Castle, IN 47362

Jr. Sr. High School
4741 Viking Trail
New Castle, IN 47362

TO: ALL BIDDERS OF RECORD

This Addendum forms a part of and modifies the Bidding Requirements, Contract Forms, Contract Conditions, the Specifications and the Drawings dated March 15, 2024, 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 3-1 through ADD 3-4 and attached Gibraltar Design's Addendum No. 03, dated April 30, 2024, consisting of 3 Pages and, Specification Section 09 66 23 Thin-Set Epoxy Grouting. **Elementary School** Revised Addendum Drawings AD104, A-101, A-102, A-103, A-104, A-410, A-801, A-802, A-803, A-804, A-820, A-901, A-902, A-903, A-904, ED101, ED102, ED103, ED104, E-201, E-202, E-203, E-204, E-401, E-601, E-602, and E-701. **Jr. Sr. High School** Revised Addendum Drawings C-001, CL101, A-203, A-410, A-601, A-803, ES-101, E-102, E-203, E-601, and E-701.

BID OPENING DATE AND TIME - REMINDER

The Bid Opening on Tuesday, May 07, 2024, **at 2:00 PM Eastern Time,** will **ONLY** be available to watch via Microsoft Teams Meeting; see meeting link below:

Microsoft Teams

Join the meeting now

Meeting ID: 232 666 667 600
Passcode: vwqE5V

Dial-in by phone

+1 317-762-3960,,621812916# United States, Indianapolis
Find a local number
Phone conference ID: 621 812 916#

1. **GENERAL INFORMATION**

Pre-Award Meeting schedule is attached herein. Pre-Award Meetings will be conducted virtually on dates and times noted.

2. **SPECIFICATION SECTION 00 10 00 INSTRUCTIONS TO BIDDERS**

See eBID Electronic Bid Submission Instructions Below. All bids are to be submitted online through the Skillman Plan Room (skillmanplanroom.com) via the eBID Electronic Bid Submission System.

Go to www.skillmanplanroom.com - Do not wait until 2:00 pm eastern time to submit your bid; When the countdown clock expires, even if you are in the middle of the bid submission process, your bid will not be accepted by the ebid system.

1. Sign In or Register.
2. Click Blue River Valley Schools – Blue River Elementary School & JR/SR High School.
3. Click submit bid and follow instructions.

- Save your bid form and all required attachments in pdf format. (ONE FILE PER BC)
- Name your pdf bid file:
  - BC 01 General Trades_Contractor Name
  - BC 02 Masonry_Contractor Name
  - BC 01_02 General Trades_Masonry_Contractor Name
- Upload pdf bid file where indicated with **"Drag Files Here, or Browse"**.
- Click "Submit Bid"

3. **SPECIFICATION SECTION 00 31 00 BID FORM**

1. Reissued Specification Section is attached herein.

4. **SPECIFICATION SECTION 00 43 50 SUBCONTRACTORS AND PRODUCTS LISTS**

Reissued Specification Section is attached herein.

5. **SPECIFICATION SECTION 01 12 00 MULTIPLE CONTRACT SUMMARY**

1. Paragraph 3.03 Bid Categories

A. Bid Category No. 1 – General Trades

Add the following specification section:
09 66 23 Thin-Set Epoxy Grouting

Add the following clarification:
17. Include removal and reinstallation of existing doors to remain during construction of each phase. Store onsite at a location designated by Owner.
18. Rigid insulation and air barrier behind face brick provided by Bid Category No. 02.
19. Sawcut, remove, and patch concrete building slab where indicated in Architectural Demo and Floor Plans for MEP scope.
20. CMU and brick patching/infills where indicated in Architectural Demo and Architectural Floor Plans provided by Bid Category No. 02.
21. Provide patching of existing roof required for MEP penetrations.
22. Provide depressed floor slab infill at the Elementary School per Architectural Floor Plan Note 4.
23. Provide releveling of sunken floor slab infill at the Elementary School per Architectural Floor Plan Note 12.
24. Provide removal and reinstallation of all items indicated in Architectural Demo and Architectural Floor Plans
25. Provide chain link fencing and bollards at Jr. Sr. High School dumpster pad.
26. Provide relocation of existing shed at the Jr. Sr. High School.

B. Bid Category No. 2 – Masonry

Add the following specification section:
07 21 27 Enclosed Cavity Foamed Insulation

Add the following clarification:
5. Provide all CMU and brick patching/infills where indicated in Architectural Demo and Architectural Floor Plans.

C. Bid Category No. 3 – Metal Framing Drywall & Ceilings

Add the following clarification:
4. Provide framed openings for ductwork penetrations through existing to remain metal stud walls.
5. Removal and reinstallation of existing to remain acoustical ceilings required for completion of MEP scope provided by Bid Category No. 05 and Bid Category No. 06.
6. Include an additional $10,000 allowance for skim coating existing to remain gypsum boards walls when directed by the Construction Manager.

E. Bid Category No. 5 – Fire Protection, Plumbing & HVAC

Add the following clarification:

6. Sawcut, removal, and patching of concrete building slab where indicated in Architectural Demo and Architectural Floor Plans for MEP scope provided by Bid Category No. 01. Provide cut/patch of all other concrete building slab work required for completion of your own work.
7. CMU and brick patching/infills where indicated in Architectural Demo and Architectural Floor Plans provided by Bid Category No. 02. Provide cut/patch of all other CMU and brick work required for completion of your own work.
8. Provide removal and reinstallation of existing to remain acoustical ceilings required for completion of your own work.
9. Patching of existing roof required for MEP penetrations provided by Bid Category No. 01.

F. Bid Category No. 6 – Electrical & Technology

Add the following clarification:

5. Sawcut, removal, and patching of concrete building slab where indicated in Architectural Demo and Architectural Floor Plans for MEP scope provided by Bid Category No. 01. Provide cut/patch of all other concrete building slab work required for completion of your own work.
6. CMU and brick patching/infills where indicated in Architectural Demo and Architectural Floor Plans provided by Bid Category No. 02. Provide cut/patch of all other CMU and brick work required for completion of your own work.
7. Provide removal and reinstallation of existing to remain acoustical ceilings required for completion of your own work.
8. Patching of existing roof required for MEP penetrations provided by Bid Category No. 01.

6. **SPECIFICATION SECTION 01 23 00 – BID ALTERNATES**

1. Reissued Specification Section is attached herein.

7. **SPECIFICATION SECTION 01 32 00 SCHEDULES AND REPORTS**

1. Project Guideline Schedule is attached herein.
2. Phasing Plan is attached herein.

PRE-AWARD MEETING SCHEDULE

Eastern Time

- Bid Category No. 01 – 05/08/2024 @ 09:00 AM
- Bid Category No. 02 – 05/08/2024 @ 10:00 AM
- Bid Category No. 03 – 05/08/2024 @ 11:00 AM
- Bid Category No. 04 – 05/08/2024 @ 12:30 PM
- Bid Category No. 05 – 05/08/2024 @ 01:00 PM
- Bid Category No. 06 – 05/08/2024 @ 02:00 PM

CONTRACTOR'S BID FOR PUBLIC WORKS FORM NO. 96

Format (Revised 2013)
(Amended for BRVS)

Blue River Valley Elementary School and Jr./Sr. High School Renovations

Blue River Valley School's
(Henry County, Indiana)

PART I

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

Date (month, day, year):_____

BIDDER (Firm) _____

Address _____ P.O. Box _____

City/State/Zip _____

Telephone Number: _____ Email Address: _____

Person to contact regarding this Bid_____

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

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

Of public works project, Blue River Valley Elementary School & Blue River Valley Jr./Sr. High School Renovations, in accordance with Plans and Specifications prepared by Gibraltar Design, 9102 N. Meridian St., Suite 300, Indianapolis, IN 46260, as follows:

BASE BID

For the sum of _____
(Sum in words)

_____DOLLARS ($_____)
(Sum in figures)

The undersigned acknowledges receipt of the following Addenda:
Receipt of Addenda No. (s) _____

PROPOSAL TIME

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

Attended pre-bid conference YES _____ NO_____

Has visited the jobsite YES _____ NO_____

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

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

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

Bidder has included:
DBE: YES _____% NO _____
MBE: YES _____% NO _____
WBE: YES _____% NO _____
VBE: YES _____% NO _____

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

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

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

CERTIFICATION OF USE OF UNITED STATES STEEL PRODUCTS
(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".

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

Alternate Bid No. 1 – Extend Interior Walls to Roof Deck (Elementary)

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

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

Alternate Bid No. 2 – Insulate Existing Interior Walls (Elementary)

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

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

Alternate Bid No. 3 – Replace Gymnasium Roof Coping (Elementary)

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

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

Alternate Bid No. 4 – Provide Thru-Wall Flashing (Elementary)

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

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

Alternate Bid No. 5 – Replace Electric Boiler (Elementary)

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

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

Alternate Bid No. 6 – New Canopy at Vestibule C-116 (Jr. Sr. High)

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

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

Alternate Bid No. 7 – Provide Pre-Engineered Storage Building (Jr. Sr. High)

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

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

Alternate Bid No. 8 – Parking Lot Expansion (Jr. Sr. High)

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

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

PART II

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

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

SECTION I EXPERIENCE QUESTIONNAIRE

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

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

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

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

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

_____

_____

_____

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

_____

_____

_____

SECTION II PLAN AND EQUIPMENT QUESTIONNAIRE

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

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

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

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

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

SECTION III CONTRACTOR'S FINANCIAL STATEMENT

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

SECTION IV CONTRACTOR NON-COLLUSION AFFIDAVIT

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

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

SECTION V OATH AND AFFIRMATION

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

Dated at _____this _____ day of _____, 20

_____
(Name of Organization)

By
_____

_____
(Title of Person Signing)

ACKNOWLEDGEMENT

STATE OF _____)
) SS:
COUNTY OF _____)

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

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

Subscribed and sworn to before me this _____ day of _____,
_____
(Title)

_____
Notary Public

My Commission Expires: _____

County of Residence: _____

END OF SECTION 00 31 00

SECTION 00 43 50 - SUBCONTRACTORS AND PRODUCTS LIST

PART 1 - GENERAL

1.01 DESCRIPTION

A. The two (2) low responsive Bidders in each Bid Category shall furnish electronically, the following Subcontractors and Products List to the Construction Manager within **two (2) working days (48 hrs.)** of bid opening, unless submitted with Bid. . The blanks appropriate to the Bid Category(ies) on which they bid shall be completed.

1. The Owner and Architect shall have the right to select any material or equipment named in the Specifications for any particular item where the Bidder either fails to list same or lists more than one name for the item in question.
2. It is intended that this list will show the manufacturer and supplier of major items of work that will be subcontracted and to whom.

1.02 INSTRUCTIONS FOR SUBCONTRACTORS AND PRODUCTS LISTS

A. Each Bidder shall submit a copy of his list of subcontractors and manufacturers of products and equipment proposed for work indicated as required above.

B. The list shall be submitted on forms provided and shall be completely executed. "As Specified" or "With Equipment" type of terminology will not be accepted.

C. Under "Subcontractor", insert the name of the firm which the Bidder proposes to have perform the respective work. If work will be done by the Prime Bidder and no subcontract will be awarded, state "By Own Forces".

D. Submission does not constitute acceptance for use of listed manufacturers' products. Materials and subcontractors are subject to the provisions of the General Conditions and "Standard of Product Acceptability" and must be formally reviewed and adjudged acceptable by the Architect/Engineer.

E. Engineer, Architect and Owner reserve the right to reject submissions of materials, work, or subcontractors that do not, in their opinion, meet the requirements of Drawings, Specifications or job conditions.

F. Materials and subcontractors used for work on the Project shall be in accordance with accepted material list.

1. The list is intended to assure use of materials and vendors acceptably equivalent to those specified and is not a substitution sheet or complete listing of required materials or services.

2. Substitutions for listed items will not be allowed, except when termed acceptable, in writing by the Architect/Engineer, provided that substitution will result in a cost savings to the Owner , determined by the Owner to be a better product,or is made necessary due to unavailability of listed item. Unavailability shall be confirmed in writing by manufacturer named on accepted list.

1.03 CIVIL AND ARCHITECTURAL WORK SUBCONTRACTORS AND PRODUCTS LIST

BID CATEGORY NO._____

(Insert Category No. and Name)

NAME OF BIDDER_____

The undersigned hereby submits the following Subcontractors and Products List which becomes a part of the undersigned Contract proposal. Subcontractor purchased material, equipment, and labor shall be under the direct management and control of the Prime Contractor. If a dual listing of manufacturers and subcontractors is herein made, it is understood the Architect/Engineer (not the Contractor) will select the manufacturer or subcontractor of his choice. State the XBE Designation.

CIVIL AND ARCHITECTURAL WORK

Section	Description	XBE	Subcontractor	Manufacturer
02 41 30	Minor Demolition for Remodeling			
03 30 00	Concrete			
04 20 00	Unit Masonry			
05 12 00	Structural Steel			
05 31 23	Steel Roof Deck			
05 40 00	Cold Formed Metal Framing			
05 50 00	Miscellaneous Metals			
06 10 00	Rough Carpentry			
06 20 00	Finish Carpentry			
07 11 00	Bituminous Dampproofing			
07 21 13	Board Insulation			
07 21 16	Batt and Blanket Insulation			
07 21 19	Foamed-In-Place Insulation			

Section	Description	XBE	Subcontractor	Manufacturer
07 21 27	Enclosed Cavity Foamed Insulation			
07 24 00	Exterior Insulation and Finish System (EIFS)			
07 27 31	Air Infiltration Barrier			
07 42 63	Metal Panel Siding – Field Assembled			
07 53 23	Roof Patching			
07 62 00	Sheet Metal Flashing			
07 71 19	Aluminum Fascias, Copings, Gutters, and Downspouts			
07 84 00	Firestopping			
07 90 00	Joint Sealants			
08 11 13	Standard Steel Frames			
08 14 16	Wood Doors			
08 31 13	Access Doors			
08 36 13	Overhead Sectional Doors			
08 41 00	Aluminum Entrances and Storefronts			
08 51 13	Aluminum Windows			
08 71 00	Door Hardware			
08 81 00	Glazing			
09 22 13	Metal Framing and Furring			
09 29 00	Gypsum Board			
09 31 00	Ceramic Tile			
09 51 00	Acoustical Ceilings			
09 65 13	Resilient Flooring			
09 66 23	Thin-Set Epoxy Grouting			
09 67 22	Resinous Flooring			
09 68 00	Carpet			
09 84 00	Acoustical Wall Panels			
09 91 00	Painting			

Section	Description	XBE	Subcontractor	Manufacturer
09 96 00	High Performance Coatings			
10 11 00	Markerboards and Corkboards			
10 21 14	Solid Plastic Toilet Partitions			
10 26 00	Wall Protection			
10 28 13	Toilet Accessories			
12 32 16	Plastic Laminate Casework			
13 34 19	Pre-Engineered Buildings			
31 10 00	Site Clearing			
31 20 00	Earthwork			
31 25 13	Soil Erosion Control			
32 11 16	Granular Base Course			
32 12 16	Asphaltic Concrete Paving			
32 13 80	Exterior Concrete and Site Equipment			
32 17 23	Roadway and Paving Marking			
32 91 13	Soil Preparation			
32 92 19	Seeding			
33 40 00	Storm Sewage Systems			

Name of Bidder:	Date:
Address:	
City/State/Zip:	
Telephone:	
By:	

1.04 MECHANICAL WORK SUBCONTRACTORS AND PRODUCTS LIST

BID CATEGORY NO._____
(Insert Category No. and Name)

NAME OF BIDDER_____

The undersigned hereby submits the following Subcontractors and Products List which becomes a part of the undersigned Contract proposal. Subcontractor purchased material, equipment, and labor shall be under the direct management and control of the Prime Contractor. If dual listing of manufacturers or subcontractors is herein made, it is understood the Architect/Engineer (not the Contractor) will select the manufacturer or subcontractor of his choice.

MECHANICAL WORK

Section	Description	XBE	Subcontractor	Manufacturer
22 05 00	General Plumbing Requirements			
22 05 01	Plumbing Demolition for Remodeling			
22 05 13	Motors			
22 05 16	Expansion Compensation			
22 05 19	Meters and Gages			
22 05 23	Valves			
22 05 29	Supports and Anchors			
22 05 53	Plumbing Identification			
22 07 00	Piping Insulation			
22 10 00	Plumbing Piping			
22 11 00	Plumbing Specialties			
22 11 16	Pipe and Pipe Fittings			
22 11 19	Piping Specialties			
22 30 00	Plumbing Equipment			
22 40 00	Plumbing Fixtures			
23 05 00	General HVAC Requirements			
23 05 01	Mechanical Demolition for Remodeling			
23 05 13	Motors			
23 05 19	Meters and Gages			
23 05 23	Valves			
23 05 29	Supports and Anchors			
23 05 49	Vibration Isolation			
23 05 53	Mechanical Identification			
23 05 93	Testing, Adjusting and Balancing			

Section	Description	XBE	Subcontractor	Manufacturer
23 07 01	Ductwork Insulation			
23 07 02	Piping Insulation			
23 09 13	Automatic Temperature Control System			
23 09 93	Sequence of Operation			
23 11 19	Piping Specialties			
23 21 13	Hydronic Piping			
23 21 23	Hydronic Specialties			
23 21 33	Water Source Heat Pumps			
23 31 00	Ductwork			
23 33 00	Ductwork Accessories			
23 33 53	Duct Liner			
23 34 23	Power Ventilators			
23 37 01	Air Outlets and Inlets			
23 41 15	Disposable Air Filters			
23 52 13	Electric Boilers			

Plumbing Fixtures: Manufacturer:

a) _____ _____

b) _____ _____

c) _____ _____

d) _____ _____

e) _____ _____

f) _____ _____

Name of Bidder:	Date:
Address:	
City/State/Zip:	
Telephone:	
By:	

1.05 ELECTRICAL WORK SUBCONTRACTORS AND PRODUCTS LIST

BID CATEGORY NO._____
(Insert Category No. and Name)

NAME OF BIDDER_____

The undersigned hereby submits the following Subcontractors and Products List which becomes a part of the undersigned Contract proposal. Subcontractor purchased material, equipment, and labor shall be under the direct management and control of the Prime Contractor. If dual listing of manufacturers or subcontractors is herein made, it is understood the Architect/Engineer (not the Contractor) will select the manufacturer or subcontractor of his choice.

ELECTRICAL WORK

Section	Description	XBE	Subcontractor	Manufacturer
26 05 00	Basic Electrical Requirements			
26 05 01	Electrical Demolition for Remodeling			
26 05 02	Equipment Wiring Systems			
26 05 19	Wires and Cables – 600 Volts and Less			
26 05 26	Grounding and Bonding			
26 05 29	Supporting Devices			
26 05 30	Conduit			
26 05 34	Boxes			
26 05 43	Handholes			
26 05 44	Ductbanks			
26 05 53	Electrical Identification for Electrical Systems			
26 05 73	Electrical System Study			
26 09 23	Lighting Controls - Timeclocks			
26 09 24	Room Occupancy Sensors			
26 09 27	Lighting Relays			
26 09 36	Dimmers			

Section	Description	XBE	Subcontractor	Manufacturer
26 22 13	Transformers			
26 24 13	Switchboards			
26 24 16	Panelboards			
26 24 17	Existing Switchboards and Panelboards			
26 27 13	Electricity Metering and Incoming Electrical service			
26 27 25	Floor Outlets			
26 27 26	Wiring Devices			
26 28 13	Low Voltage Cartridge Fuses – 600 Volts and Less			
26 29 13	Disconnect and Safety Switches			
26 29 15	Motor Starters			
26 51 00	LED Lighting Fixtures and Accessories			
26 56 29	Site Lighting			
27 00 01	General Requirements for Communications			
27 00 02	Quality Assurance for Communications			
27 00 04	Existing Conditions and Demolitions			
27 05 01	Operations and Maintenance of Communications Systems			
27 05 02	Basic Materials & Methods for Communications			
27 05 26	Grounding and Bonding for Communications			
27 05 28	Pathways for Communications Systems			
27 05 50	Firestopping for Communications Systems			
27 05 53	Identification for Communications Systems			
27 11 16	Communications Cabinets, Racks, Frames, and Enclosures			
27 11 23	Communications Cable Management and Ladder Rack			
27 11 26	Communications Rack Mounted Power Protection and Power Strips			
27 15 13	Communications Copper Horizontal Cabling			

Section	Description	XBE	Subcontractor	Manufacturer
27 16 00	Communications Connecting Cords, Devices, and Adapters			
27 41 26	Audio / Video Systems			
28 05 00	Fire Alarm System			
28 13 00	Access Control			
28 13 53	Access Control Guest Entry			

Name of Bidder:	Date:
Address:	
City/State/Zip:	
Telephone:	
By:	

END OF SECTION 00 43 50

SECTION 01 23 00 - ALTERNATES

PART 1 - GENERAL

1.01 RELATED DOCUMENTS

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

1.02 PURPOSE

A. The Bids for the Alternates described herein are required in order for the Owner to obtain information necessary for the proper consideration of the Project in its entirety.

1.03 ALTERNATES

A. Definitions: Alternates are defined as alternate products, materials, equipment, installations or systems for the Work, which may, at Owner's option and under terms established by Instructions to Bidders, be selected and recorded in the Owner-Contractor Agreement to either supplement or displace corresponding basic requirements of Contract Documents. Alternates may or may not substantially change scope and general character of the Work; and must not be confused with "allowances", "unit prices", "change orders", "substitutions", and other similar provisions.

1.04 SCHEDULE OF ALTERNATES

A. ALTERNATE NO. 1: Extend Interior Walls to Roof Deck (Elementary)

Base Bid: Replace Acoustical ceiling tiles. Existing ceiling mounted equipment and devices to be reinstalled.

Alternate Bid: Extend existing interior walls to roof deck and provide new acoustical ceiling grid & tile where indicated with Alternate Plan Note “A”. in the Architectural Floor Plans. Existing ceiling mounted equipment and devices to be supported and protected in place or removed, stored, and reinstalled. Acoustical ceilings in the corridors to remain to be supported and provide new wall angle as required.

B. ALTERNATE NO. 2: Insulate Existing Interior Walls (Elementary)

Base Bid: Laminate existing interior walls with ¼” drywall indicated with wall type E1 and Alternate Plan Note “B”. Existing wall mounted equipment and devices to be removed, stored, and reinstalled. Wall blocking added for new equipment.

Alternate Bid: Remove one layer of gypsum board, insulate existing wall cavity, and install new gypsum board where indicated with Alternate Plan Note “B” in the Architectural Floor Plans. Existing wall mounted equipment and devices to be removed, stored, and reinstalled. Wall blocking added for new equipment.

C. ALTERNATE NO. 3: Replace Gymnasium Roof Coping (Elementary)

Base Bid: No Work.
Alternate Bid: Remove existing metal coping at Gymnasium D-104 Roof and provide new coping and wood blocking (as needed) as indicated on the Drawings.

D. ALTERNATE NO. 4: Provide Thru-Wall Flashing (Elementary)

Base Bid: No Work.
Alternate Bid: Provide thru-wall flashing at building perimeter at locations indicated on the Drawings.

E. ALTERNATE NO. 5: Replace Electric Boiler (Elementary)

Base Bid: No Work.
Alternate Bid: Replace existing electric boiler and all connections in Mechanical Equipment Room D-110 as indicated on the Drawings.

F. ALTERNATE NO. 6: New Canopy at Vestibule C-116 (Jr. Sr. High)

Base Bid: Concrete stoop provided per sheet CL101.
Alternate Bid: Provide a new canopy on the West side of entrance to Vestibule C-116 as indicated on the Drawings. Concrete stoop provided per Architectural and Structural.

G. ALTERNATE NO. 7: Provide Pre-Engineered Storage Building (Jr. Sr. High)

Base Bid: No Work.
Alternate Bid: Provide a new Pre-engineered storage building including electrical on the existing tennis courts as indicated on the Drawings.

H. ALTERNATE NO. 8: Parking Lot Expansion (Jr. Sr. High)

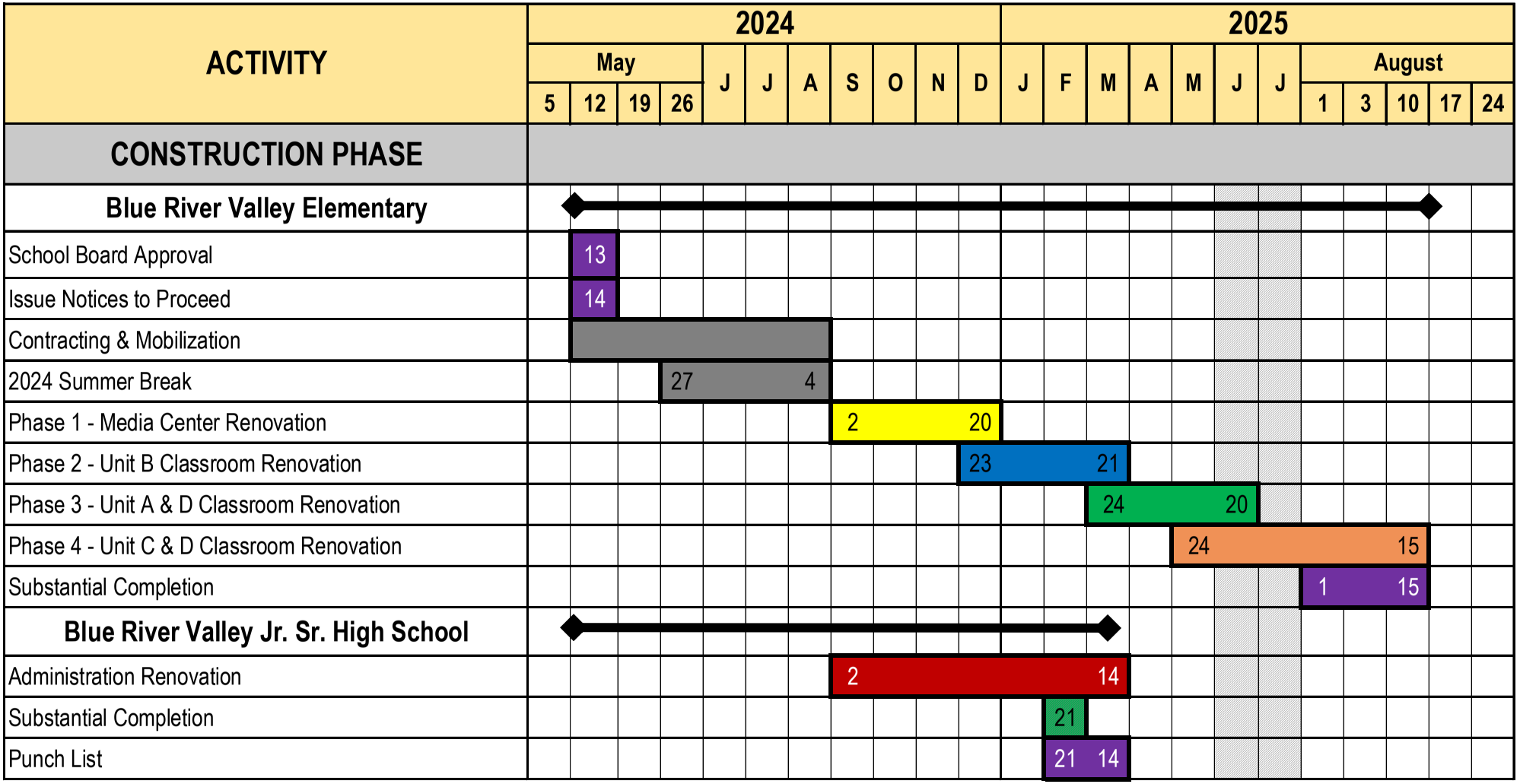
Base Bid: Provide dumpster enclosure and 6" storm drainage.
Alternate Bid: Remove existing gravel/asphalt parking lot and provide new asphalt paving for parking and drive on the Northwest side.

PART 2 – PRODUCTS (Not Used)

PART 3 - EXECUTION (Not Used)

END OF SECTION 01 23 00

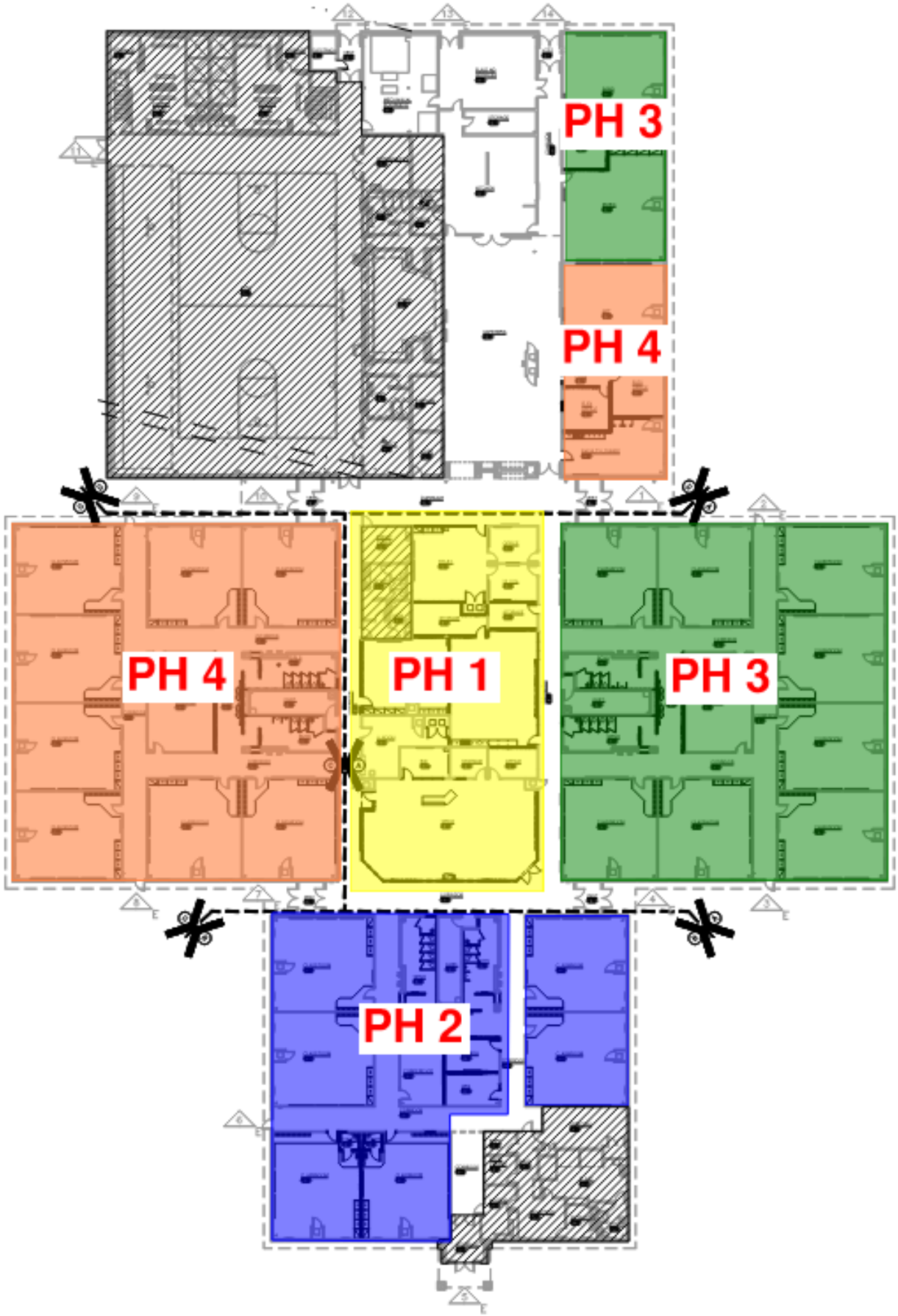
BLUE RIVER VALLEY SCHOOLS



THE SKILLMAN CORPORATION

Revision Date: 5/1/2024

Phasing Plan



ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design for **Blue River Valley Elementary School and Jr/Sr High School Facility Improvements** for Blue River Valley Schools, New Castle, Indiana.

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

SPECIFICATIONS

1. **Specification Section 04 20 00 Unit Masonry**
   A. Delete Paragraph 2.7 A. in its entirety.
2. **Specification Section 09 51 00 Acoustical Ceilings**
   A. Revise Paragraph 2.2 D. 6. to read: "NRC Range: Minimum 0.70."
   B. Revise Paragraph 2.2 D. 11. a. to include, "Product Name: School Zone Fine Fissured…".
3. **Specification Section 09 66 23 Thin-Set Epoxy Terrazzo**
   A. Add Specification Section 09 66 22, Thin-Set Epoxy Terrazzo, included in this Addendum, to the Project Manual.
4. **Specification Section 22 10 00 Plumbing Piping**
   A. Delete Paragraph 2.3 B. in its entirety. All waste and vent piping shall be cast iron as noted in Paragraph 2.3 A.
5. **Specification Section 23 34 23 Power Ventilators**
   A. ACME is hereby approved to bid exhaust fans for this project. All requirements of the Drawings and specifications shall be met, including the color selections.

DRAWINGS – ELEMENTARY SCHOOL

1. **Sheet AD104**
   A. Refer to revised full size drawing included in this addendum for revisions.
2. **Sheets A-101, A-102, A-103, A-104**
   A. Refer to four (4) revised full size drawings included in this addendum for revisions.
3. **Sheet A-410**
   A. Refer to revised full size drawing included in this addendum for revisions.
4. **Sheets A-801, A-802, A-803, A-804, A-820**
   A. Refer to five (5) revised full size drawings included in this addendum for revisions.

5. Sheets A-901, A-902, A-903, A-904

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

6. Sheet M-001

A. Neptronic is hereby approved to bid electric duct heaters for this project. All requirements of the Drawings and Specifications shall be met, including the color selections. (No drawing attached)

7. Sheets ED101, ED102, ED103, ED104

A. Refer to four (4) revised full size drawings included in this Addendum for modifications to some demo and addition of notes.

8. Sheets E-201, E-202, E-203, E-204

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

9. Sheet E-401

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

10. Sheet E-601

A. Refer to revised full size drawings included in this Addendum for revisions, which includes changing the part numbers for the Metalux Flat Panel Lighting Fixtures.

11. Sheet E-602

A. Refer to revised full size drawings included in this Addendum for revisions.

12. Sheet E-701

A. Refer to revised full size drawings included in this Addendum for revisions.

DRAWINGS – JR/SR HIGH SCHOOL

13. Sheet CL101

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

1. "SITE PLAN NOTES" 4 ; Which refers to newly added fencing detail and bollard post indicators – see plan.
2. Remove alternate tag label from "SITE PLAN NOTES" 8 – see plan.
3. Add note 11 to "SITE PLAN NOTES" – see plan.
4. Add note 11 tag to new dumpster pad entry area and show proposed gate layout.
5. See revised Parking Lot layout.

14. Sheet C-001

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

1. Add Detail 7/C001 showing chain link fence detail for dumpster pad area.

15. Sheets A-203

A. Refer to revised full size drawing included in this addendum for revisions.

16. Sheet A-410

A. Refer to revised full size drawing included in this addendum for revisions.

17. Sheets A-601

A. Refer to revised full size drawing included in this addendum for revisions.

18. Sheet A-803

A. Refer to revised full size drawing included in this addendum for revisions.

19. Sheet ES-101

A. Refer to revised full size drawing included in this Addendum, which includes as a minimum the following revisions:
   1. Correcting Fixture Type for the Site Lighting Fixture.
   2. Modifying the routing of the feeders to the Maintenance Building.
   3. Clarifying the routing of the feeders/circuits to the Fuel Island.

20. Sheet E-102

A. Refer to revised full size drawings included in this Addendum for revisions, which includes as a minimum, the following revisions:
   1. Adding Occupancy Sensors to Maintenance B-101.
   2. Adding Exit sign to Maintenance B-101.

21. Sheet E-203

A. Refer to revised full size drawings included in this Addendum for revisions, which includes as a minimum, the following revisions:
   1. Identifying the front of Panel "1L1".

22. Sheets E-601

A. Refer to revised full size sheet included in the Addendum for revisions, which includes correcting the remarks for Panel "A" from a 2P-30 Amp Circuit Breaker to a 2P-15 Amp circuit Breaker to match circuit breaker layout.

23. Sheet E-701

A. Refer to revised full size sheet included in the Addendum for revisions, which includes as a minimum the following:
   1. Correcting a few plan notes on the drawings.
   2. Adding a ground rod at the New Storage Building.

Pages 1 through 3, inclusive, Specification Section 09 66 23 and Thirty-Eight (38) Full-Size Drawings, constitute the total makeup of **Addendum Three**.

GIBRALTAR DESIGN

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SECTION 09 66 23
THIN-SET EPOXY TERRAZZO

1 General

1.1 Section Includes

A. Thin-set epoxy matrix terrazzo floor.

B. Divider strips.

C. Curing, grinding, and sealing.

D. Vitrification of all terrazzo surfaces.

1.2 Products Installed But Not Furnished Under This Section

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

1.3 Related Sections

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

B. Section 07 90 00 – Joint Sealants.

1.4 References

A. ASTM C150 - Portland Cement.

B. ASTM F1869: Standard Test Method for Measuring Moisture Vapor Emission Rate of Concrete Subfloor Using Anhydrous Calcium Chloride.

C. NTMA - National Terrazzo and Mosaic Association, Inc.

1.5 Qualifications

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

1.6 Submittals

A. Submit shop drawings under provisions of Division 1.

1. Indicate divider strip, recessed floor mats, control joint, and expansion joint layout.

2. Coordinate control joint locations with Architect.

B. Submit samples under provisions of Division 1.

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

1.7 Maintenance Data

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

B. Include procedures for stain removal, stripping, sealing, and waxing.

1.8 Delivery, Storage, And Handling

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

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

C. Store resin materials in a dry, secure area.

D. Maintain minimum temperature of 55 degrees F.

E. Keep products away from fire or open flame.

1.9 Environmental Requirements

A. Do not install terrazzo when temperature is below 50 degrees F or above 90 degrees F.

B. Maintain this temperature range, 24 hours before, during, and 72 hours after installation of flooring.

C. Ventilate area where flooring is being installed.

1. Post and enforce NO SMOKING OR OPEN FLAME signs until flooring has cured.

D. Provide uniform lighting of 15 foot candles measured at area of installation.

E. Moisture vapor emission content of the concrete slab must not exceed manufacturer's recommended criteria when using the calcium chloride test as per ASTM F1869.

1. It will be the responsibility of the Flooring Contractor to treat the concrete slab with a moisture mixture mitigation membrane, if necessary, to obtain the manufacturer's recommended moisture content. The cost of treatment if required shall be charged against the allowance contract.

2 Products

2.1 Materials

A. Epoxy Binder: Two component resin and epoxy hardener, non-volatile, thermo-setting, mineral filler, and color pigment.

B. Surface Aggregate: Crushed marble, No. 0-1 size in accordance with NTMA chip size for standard gradation and uniform coloration.

C. Surface Aggregate: See Drawings for details and patterns.

2.2 Accessories

A. Divider Strips: 1/8 inch thick aluminum strips, or white metal (for vitrified floors), with anchoring features. Use 3/8 inch thick white metal around medallions.

B. Control Joint Strips: 1/8 inch nominal width, aluminum top strip, aluminum coated steel bottom strip, 1/8 inch wide neoprene filler strip between side strips, with anchoring features.

C. Strip Height: To suit thickness of terrazzo toping, with allowance for grinding.

D. Cleaner: Neutralizing liquid type, pH of 7.

E. Crack Isolation Membrane: Epo-Flex 3556 A-B flexible epoxy membrane as manufactured by General Polymers, Cincinnati, Ohio or ISO Crack Membrane by Terroxy, or approved equal.

1. Install at all apparent fractures in existing concrete floor construction.

2. Install at all epoxy terrazzo floor locations.

F. Moisture Mitigation Membrane: It will be the responsibility of the Flooring Contractor to treat the concrete slab with a moisture mixture mitigation membrane, if necessary, to obtain the manufacturer's recommended moisture content. The cost of treatment if required shall be charged against the allowance contract.

G. Chemical Materials:

1. Provide the following chemical materials.

a. Seal and finish stripping product may be any low or non-alkaline stripper normally used for stripping seal and finish from terrazzo floors.

b. Vitrifying (Crystallizing) Chemicals:

1) EcoLab, Inc, St. Paul, MN

2) National Chemical Laboratories Inc, Philadelphia, PA

3) No Substitutions.

c. Equipment:

1) The following equipment for surface preparation and for measuring slip resistance characteristics:

a) Industry accepted power equipment used for honing and polishing marble and terrazzo, utilizing stone or diamond abrasives.

b) A gloss meter calibrated with a range 1-100, similar to Horiba IG-310 or equal (terrazzo measures no less than 50).

2) Polysiloxane Penetrant Seal:

3) Sealer's Choice as manufactured by Aqua Mix, Santa Fe Springs, California (used at heavier coating rates than the above two products to be comparable).

H. Transition Strips:

1. Contractor shall verify and provide all required transition strips throughout project between dissimilar materials.

2. All flooring transitions shall comply with ADA guidelines.

3. Flooring transitions to occur centered under closed door where applicable.

2.3 Mixes

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

1. Colors: As indicated on Drawings to match existing. Provide samples for Owner and Architect Review.

3 Execution

3.1 Examination

A. Verify that surfaces or substrate are ready to receive work and field measurements are as shown on Drawings.

B. Do not begin terrazzo work until concrete substrate has cured 28 days, minimum.

C. Beginning of installation means acceptance of existing surfaces or substrate.

3.2 Protection

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

3.3 Preparation

A. Clean substrate of foreign matter.

B. Grind and clean substrate of foreign matter that would impair epoxy terrazzo bond, including oil, grease, curing compounds, and adhesive.

C. Shot-Blast track or mechanically abrade existing concrete substrate.

1. Shot-blast surfaces with an apparatus that abrades the concrete surface, contains the dispensed shot within the apparatus, and recirculates the shot by vacuum pickup.

D. Maintain Temperature above 50 degrees F for 48-hours before and during terrazzo installation.

E. Apply slurry coat to substrate.

F. Crack and Moisture Mitigation membranes if required and as recommended by manufacturer.

3.4 Installation - Accessories

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

B. Install divider and control joint strips straight and level to locations indicated.

C. Install base and border divider and control joint strips to match floor pattern.

3.5 Installation - Terrazzo

A. Examine and confirm all terrazzo substrate repair work has been performed prior to installation. Installation of work consistutes acceptance of substrate.

B. Place terrazzo matrix and aggregate over prepared substrate to a minimum thickness of 3/8 inch. Apply under direct supervision of the manufacturer and in accordance with manufacturer's current printed instructions.

C. Place Terrazzo mixture in panels formed by the divider strips.

D. Trowel mixture to level of top of strips (nominal 3/8").

3.6 Curing

A. Cure terrazzo topping by sheet polyethylene curing method, or as recommended by manufacturer.

B. Allow to cure for a minimum of 24-hours or as recommended by manufacturer.

C. Barricade area to allow undisturbed curing.

3.7 Surface Finishing

A. Complete grinding of terrazzo surfaces prior to other finished work.

B. Architect reserves approval of type and manner of grinder.

1. Diamond plates which pull marble chips from the surface will not be approved.

C. Finish terrazzo to NTMA requirements.

D. Produce terrazzo to match approved sample with 70 percent chip exposed.

E. Grind terrazzo surfaces with power disc machine; sequence with coarse to fine grit abrasive, using wet method.

F. Apply patch mix to match mortar over ground surface to fill honeycomb exposed during grinding.

G. Remove patch coat by grinding, using a fine grit abrasive.

H. Hand grind base, cove, and inaccessible areas.

I. Chemical Application and Vitrification:

1. Chemically strip any existing sealer or finish coating from the terrazzo floor surface.

2. Hone the terrazzo floor surface with Nos. 30, 60, and 120 stone or diamond grits.

3. Skim coat all existing chips, pits, and stress cracks under 1/4 inch as required, with Portland cement grout (ASTM C150) color matched to the existing cement matrix.

4. Cut out stress cracks over 1/4 inch and patch with new terrazzo. Cure skim coat for 24 hours.

5. Apply two applications of polysiloxane (hydrophobic and oleophobic) penetrating seal in accordance with the manufacturer's instructions; including the 24 hour cure time between applications.

6. Hone terrazzo floor surface with Nos. 200 and 400 stone or diamond grit.

7. Polish the terrazzo floor surface with Nos. 600 and 800 stone or diamond grit and polishing powder (5X).

8. Apply three (3) layers of vitrification (crystallization) to the terrazzo floor surface creating a calcium fluoride lattice structure not less than 2 microns in thickness.

J. Field Quality Control:

1. The complete stripping of any sealer and finish may be determined by black light inspection. If over 10 percent of the area stripped indicates stronger fluorescence than the remaining area, the entire terrazzo floor surface shall be restripped.

2. The quality standard for honing and polishing is defined as follows:

a. The scratches left by the lowest grit stone or diamond shall be removed entirely by the next sequentially higher grit stone or diamond. This is true for all the different number stone or diamond grits specified.

b. Certify scratch removal by black light inspection in the presence of the Owner and Architect.

c. If the lower grit number scratches are detected in the terrazzo floor surface, re-hone and re-polish the surface with a stone or diamond grit number low enough to remove the existing scratches.

3. Skim coat re-grouting with Portland cement grout; demonstrate the following characteristics:

a. Be level with the adjacent terrazzo floor surface.

b. Color match the adjoining epoxy cement matrix of the terrazzo floor surface within acceptable limits.

c. Have sufficient bond strength to withstand the subsequent honing, polishing, and vitrification procedures without being removed from the terrazzo floor surface.

4. The vitrified (crystallized) terrazzo floor surface; exhibit the following physical characteristics:

a. Gloss meter reading for a gloss meter that is from 0 t0 100.

b. There shall be no visually apparent haze or smoke when looking at the vitrified (crystallized) terrazzo floor from a 10 to 20 degree angle.

c. The clarity of reflection when viewing an overhead lighting fixture shall be sharp as compared to a diffused or fuzzy image.

d. The static coefficient of friction shall be 0.7 or above as measured by the Horizontal Dynamometer Pull Method per ASTM C1028.

e. If the vitrified (crystallized) terrazzo floor surface does not comply with the above quality requirements, it shall be revitrified (recrystallized) so that compliance is achieved.

K. Apply sealer in accordance with manufacturer's recommendations.

3.8 Tolerances

A. Maximum Variation from Flat Surface: 1/8 inch in 10 feet.

B. Maximum Variation from Level (Except Surfaces Sloping to Drain): 1/8 inch.

C. Flood floors at floor drains to verify proper drainage.

D. Verify at completion, in conjunction with Mechanical Contractor and Architect/Construction Manager, that all floor drains are clear of all debris.

3.9 Cleaning

A. Scrub and clean terrazzo surfaces with cleaner in accordance with manufacturer's instructions, and let dry.

B. Immediately when dry, apply sealer in accordance with manufacturer's instructions.

C. After completion of work of other trades, clean terrazzo using fine abrasive to remove stains.

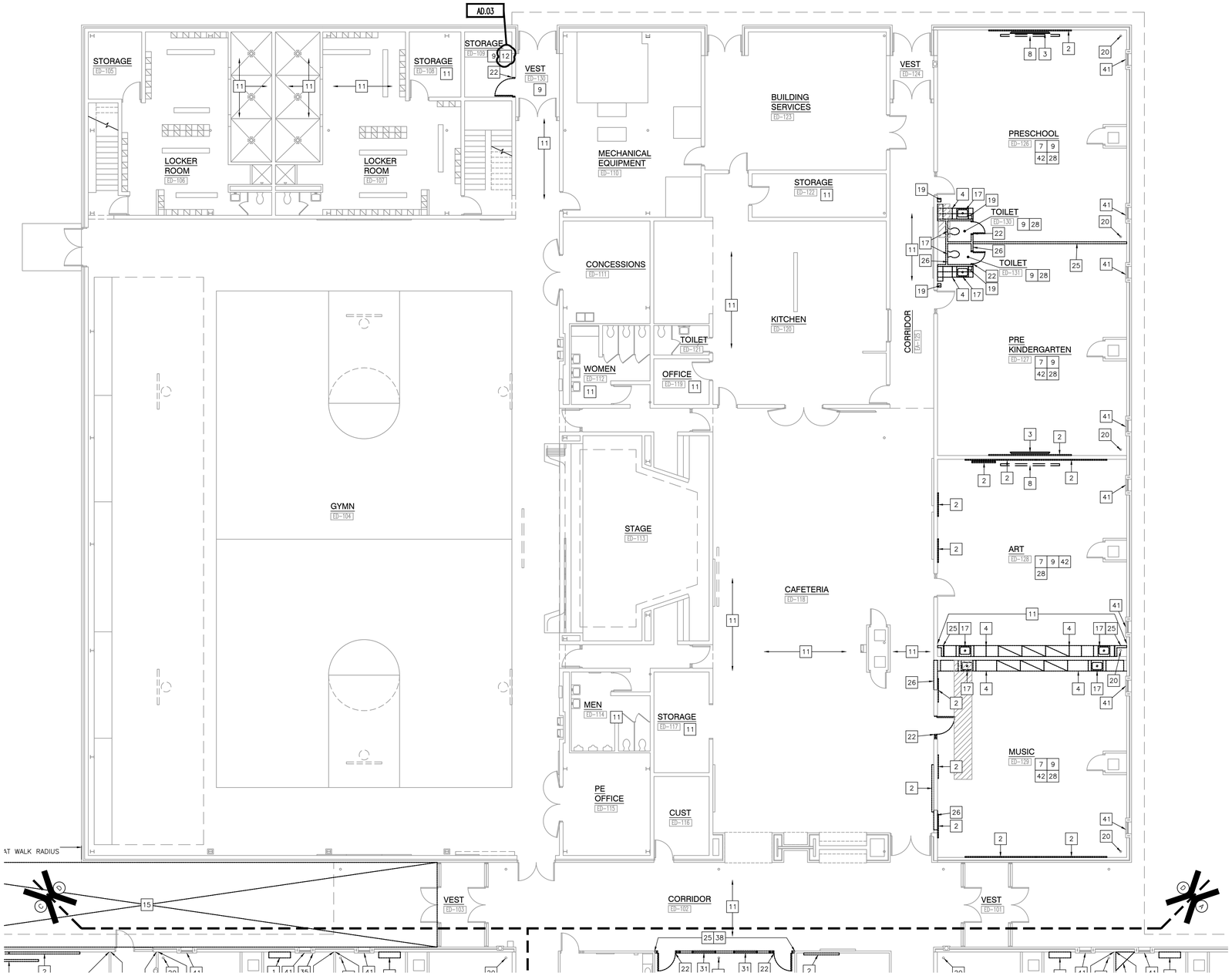
1. Dry thoroughly.

3.10 Protection

A. Protect finished installation under provisions of Division 1.

B. Do not permit traffic over finished terrazzo surfaces.

END OF SECTION



UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

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

NORTH

ALTERNATE DEMOLITION PLAN NOTES:

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

A. REMOVE EXISTING CEILING GRID TO BUILD EXISTING WALLS TO DECK. REMOVE CEILING "T" MOUNTED TO TOP OF STUD WALL.

B. REMOVE GYPSUM BOARD THIS SIDE OF WALL IN ITS ENTIRETY. REPAIR EXISTING STUDS FOR NEW WORK.

C. REMOVE FACE BRICK FROM EL=100'-0" TO EL=102'-0".

35. REMOVE ABANDONED PENCIL SHARPENER MOUNTING BLOCK. PATCH AND REPAIR BRICK.

36. REMOVE ACCESS PANEL. PATCH AND INFILL BLOCK WALL OPENING.

37. REMOVE TEMPORARY PARTITION WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALLS AND FLOOR FOR NEW FINISHES.

38. REMOVE EXISTING CEILING AS REQUIRED IN THIS AREA FOR NEW WALL CONSTRUCTION. REPLACE TO ORIGINAL CONFIGURATION AFTER NEW WORK IS COMPLETE. REPLACE ANY DAMAGED TILES WITH LIKE KIND.

39. REMOVE EXISTING SIGNAGE. SET ASIDE FOR REINSTALLATION.

40. HATCHED AREA INDICATES APPROXIMATE LOCATION OF EXISTING EPOXY FLOORING TO BE REMOVED FOR NEW WALL CONSTRUCTION.

41. EXISTING WINDOW BLINDS REMOVED AS REQUIRED FOR ADJACENT NEW CONSTRUCTION TO BE SET ASIDE AND REINSTALLED. REPLACE ANY DAMAGED OR LOST BLINDS WITH LIKE KIND.

42. REMOVE EXISTING WALL DIFFUSERS AND GRILLES AS REQUIRED IN THESE ROOMS FOR NEW 1/4" GYPSUM BOARD LAMINATED TO EXISTING WALL. ASSUME THREE (3) GRILLES PER WATER SOURCE HEAT PUMP CLOSET, FIELD VERIFY. REPLACE TO ORIGINAL CONFIGURATION.

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 SHEET.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

DEMOLITION LEGEND:

INDICATES APPROXIMATE LOCATION OF EXISTING CONCRETE SLAB TO BE REMOVED AS REQUIRED FOR INSTALLATION OF NEW PLUMBING OR ELECTRICAL. REFER TO PLUMBING AND ELECTRICAL DRAWINGS FOR EXACT LOCATIONS. REFER TO STRUCTURAL DRAWINGS FOR NEW BACK FILLING AND NEW CONCRETE SLAB INFILL.

INDICATES APPROXIMATE AREA OF EXISTING CONCRETE SLAB TO BE REMOVED IN ITS ENTIRETY. REFER TO STRUCTURAL DRAWINGS FOR NEW BACK FILLING AND NEW CONCRETE SLAB INFILL.

DEMOLITION PLAN NOTES:

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

1. REMOVE SHELVING IN ITS ENTIRETY, INCLUDING WALL MOUNTING RAILS. PATCH AND REPAIR WALL FOR NEW FINISHES.
2. REMOVE TACK BOARD, MARKER BOARD OR CHALKBOARD IN THEIR ENTIRETY. PATCH WALL AS REQUIRED TO RECEIVE NEW FINISHES.
3. REMOVE INTERACTIVE SMART BOARD AND TURN OVER TO OWNER.
4. REMOVE CASEWORK IN ITS ENTIRETY. PATCH AND REPAIR WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
5. REMOVE DISPLAY CASE IN ITS ENTIRETY. INCLUDING LIGHT FIXTURES. REFER TO ELECTRICAL.
6. REMOVE EXISTING WALL MOUNTED MIRROR. PATCH AND REPAIR WALL TO RECEIVE NEW FINISHES.
7. REMOVE CEILING MOUNTED PROJECTOR IN ITS ENTIRETY. INCLUDING MOUNTING PLATE. TURN OVER TO OWNER.
8. REMOVE PROJECTION SCREEN / PULL DOWN MAP IN ITS ENTIRETY.
9. REMOVE ACOUSTICAL BOARD CEILING SYSTEM IN ITS ENTIRETY.
10. REMOVE ACOUSTICAL CEILING TILES. EXISTING GRID AND LIGHTS TO REMAIN.
11. REMOVE EXISTING CEILING AS REQUIRED IN THESE ROOMS FOR PLUMBING AND HVAC MODIFICATIONS. REPLACE TO ORIGINAL CONFIGURATION AFTER PLUMBING AND HVAC WORK IS COMPLETE. REPLACE ANY DAMAGED TILES WITH LIKE KIND AND REPAIR ANY DAMAGES TO EXISTING WALL FINISHES TO MATCH EXISTING WALL FINISHES. COORDINATE WITH PLUMBING AND MECHANICAL DRAWINGS FOR ANY ADDITIONAL AREAS OF PLUMBING AND HVAC MODIFICATIONS.
12. REMOVE VCT/SHEET VINYL/CARPET FLOORING AND BASE SYSTEM IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
13. REMOVE CERAMIC TILE FLOORING SYSTEM IN ITS ENTIRETY INCLUDING SETTING BED AND WALL BASE. PREPARE FLOOR FOR NEW FINISHES.
14. REMOVE EPOXY FLOOR SYSTEM IN ITS ENTIRETY.
15. REMOVE VOID SLAB/STOOP/CONCRETE WALK IN ITS ENTIRETY. REFER TO CIVIL.
16. REMOVE CONCRETE SLAB IN THIS AREA IN ITS ENTIRETY.
17. REMOVE PLUMBING FIXTURE IN ITS ENTIRETY. CUT AND CAP LINE BELOW WALL OR FLOOR SURFACE. UNLESS OTHERWISE NOTED ON PLUMBING DRAWINGS PATCH AND REPAIR FLOOR AND/OR WALL AS REQUIRED TO ACCEPT NEW FINISHES.
18. REMOVE TOILET PARTITIONS IN THEIR ENTIRETY.
19. REMOVE TOILET ACCESSORIES AND TURN OVER TO THE OWNER.
20. EXISTING STEEL COLUMN TO REMAIN. PREPARE FOR NEW FINISHES.
21. REMOVE EXISTING EXPOSED TUBE SUPPORT IN ITS ENTIRETY.
22. REMOVE HOLLOW METAL DOOR, FRAME AND HARDWARE IN ITS ENTIRETY.
23. REMOVE DOOR AND HARDWARE. HOLLOW METAL FRAME TO REMAIN.
24. NOT USED.
25. REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL IN ITS ENTIRETY. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES.
26. REMOVE MASONRY WALL (AS REQUIRED FOR NEW CONSTRUCTION.) PATCH AND REPAIR FLOOR AND WALL AS REQUIRED TO ACCEPT NEW FINISHES.
27. REMOVE PARTIAL HEIGHT MASONRY/STUD PLUMBING WALL AND PLASTIC LAMINATE CAP IN ITS ENTIRETY.
28. REMOVE EPOXY FLOORING AND WALL BASE IN ITS ENTIRETY. PREPARE FLOOR FOR NEW FINISHES.
29. REMOVE ALL SURFACE RACEWAY. REFER TO ELECTRICAL.
30. REMOVE ABANDONED TECHNOLOGY BOX, TURN OVER TO OWNER.
31. REMOVE INTERIOR WINDOW SYSTEM IN ITS ENTIRETY. PREPARE OPENING FOR NEW CONSTRUCTION.
32. REMOVE EXISTING MECHANICAL UNIT. REFER TO MECHANICAL.
33. REMOVE METAL STUD AND PLASTER/GYPSUM BOARD WALL FROM FLOOR TO 7'-2" AFF. PATCH AND REPAIR ADJACENT WALL AND FLOOR AS REQUIRED TO ACCEPT NEW FINISHES AND NEW STOREFRONT.
34. REMOVE EXISTING CIRCULATION DESK. TURN OVER TO OWNER.

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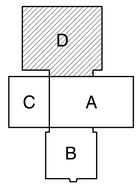
PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

GIBRALTAR DESIGN
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Indianapolis, IN 46260
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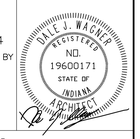
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB



REVISIONS

MARK	DATE	ISSUED FOR
AD.01	04/18/24	ADDENDUM NO. 01
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING

UNIT "D" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

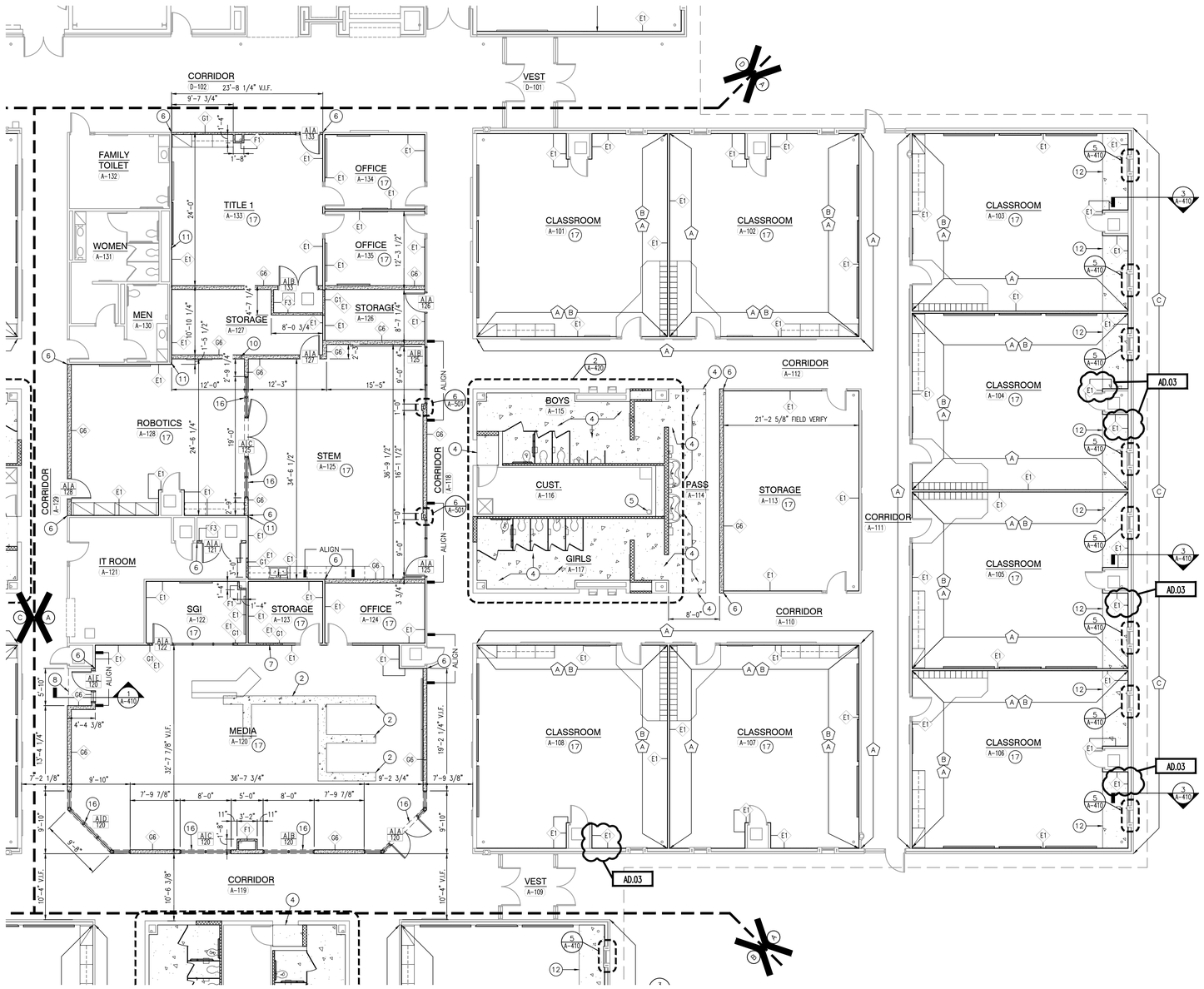
PROJECT

BLUE RIVER VALLEY ES - RENOVATIONS

D

SHEET AD104

Tuesday, 4/30/2024 - 2:20 PM - LAST SAVED BY:CDAVIS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\05 ARCH\AD104.DWG



UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

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

GENERAL PLAN NOTES:

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

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

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

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

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

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

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

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

I. INTERIOR CMU WALLS ARE TO BE HORIZONTAL STACK TO MATCH EXISTING UNLESS NOTED OTHERWISE.

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

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

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

M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL

N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

PLAN LEGEND:

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

INDICATES WALL TYPES REFER TO A-501 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. NOT USED.
2. FLOOR SLAB INFILL WHERE TRENCHED FOR ELECTRICAL.
3. NOT USED
4. INFILL DEPRESSED FLOOR SLAB WITH SELF-LEVELING COMPOUND TO EL=100'-0" FOR NEW FLOOR FINISH.
5. EXISTING ROOF CONDUCTOR, REFER TO PLUMBING.
6. NEW WALL FINISH FLUSH TO EXISTING WALL FINISH
7. NEW WALL INFILL. MATCH ADJACENT EXISTING WALL STUD SIZE AND FLUSH OUT FINISH FACE(S) WITH EXISTING WALLS. ASSUME 2-1/2" METAL STUDS WITH 5/8" GYPSUM BOTH SIDES. FIELD VERIFY.
8. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
9. PROVIDE NEW CONCRETE SLAB WHERE EXISTING WAS REMOVED FOR NEW CONSTRUCTION. REFER TO STRUCTURAL.
10. CENTER NEW WALL ON EXISTING COLUMN.
11. PATCH WALL WHERE EXISTING WALL AND FINISH WAS REMOVED.
12. RE-LEVEL SUNKEN FLOOR SLAB TO EL=100'-0". PUMP NON SHRINK GROUT IN 2" DIAMETER CORED HOLES 2'-0" O.C. THROUGH CONCRETE SLAB UNTIL FULL AND BRING SLAB BACK TO LEVEL ELEVATION. ADDITIONAL LEVELING COMPOUND PLACED ON TOP OF SLAB MAY BE USED IF ADDITIONAL FLOOR LEVELING IS REQUIRED AFTER GROUT HAS BEEN INSTALLED.
13. PROVIDE WALL STOP FOR EXISTING DOOR ON NEW WALL.
14. UTILITY SINK, REFER TO PLUMBING DRAWINGS.
15. REINSTALL SIGNAGE REMOVED FROM EB-126 AT 7'-0" AFF. COORDINATE FINAL LOATION WITH OWNER AND ARCHITECT PRIOR TO INSTALL.
16. DASHED LINE INDICATES WALL ABOVE STOREFRONT OPENING.
17. WHERE EXISTING WALLS HAVE BEEN LAMINATED WITH 1/4" GYPSUM BOARD, RESET EXISTING OUTLETS AND DEVICES TO NEW WALL THICKNESS.

ALTERNATE PLAN NOTES:

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

A. EXTEND EXISTING WALL TO DECK ABOVE CEILING WITH WALL TYPE F1. REFER TO MECHANICAL FOR PENETRATIONS, OPENINGS, AND GRILLES.

B. INSULATE EXISTING WALL STUD CAVITY AND PROVIDE WOOD BLOCKING FOR NEW WALL MOUNTED EQUIPMENT. REFER TO EQUIPMENT PLANS. INSTALL NEW 5/8" GYPSUM BOARD THIS SIDE OF EXISTING WALL WHERE REMOVED.

C. INFILL FACE BRICK WHERE REMOVED FOR NEW WALL FLASHING. REFER TO WALL SECTIONS.

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB

REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT DALE J. WACKER

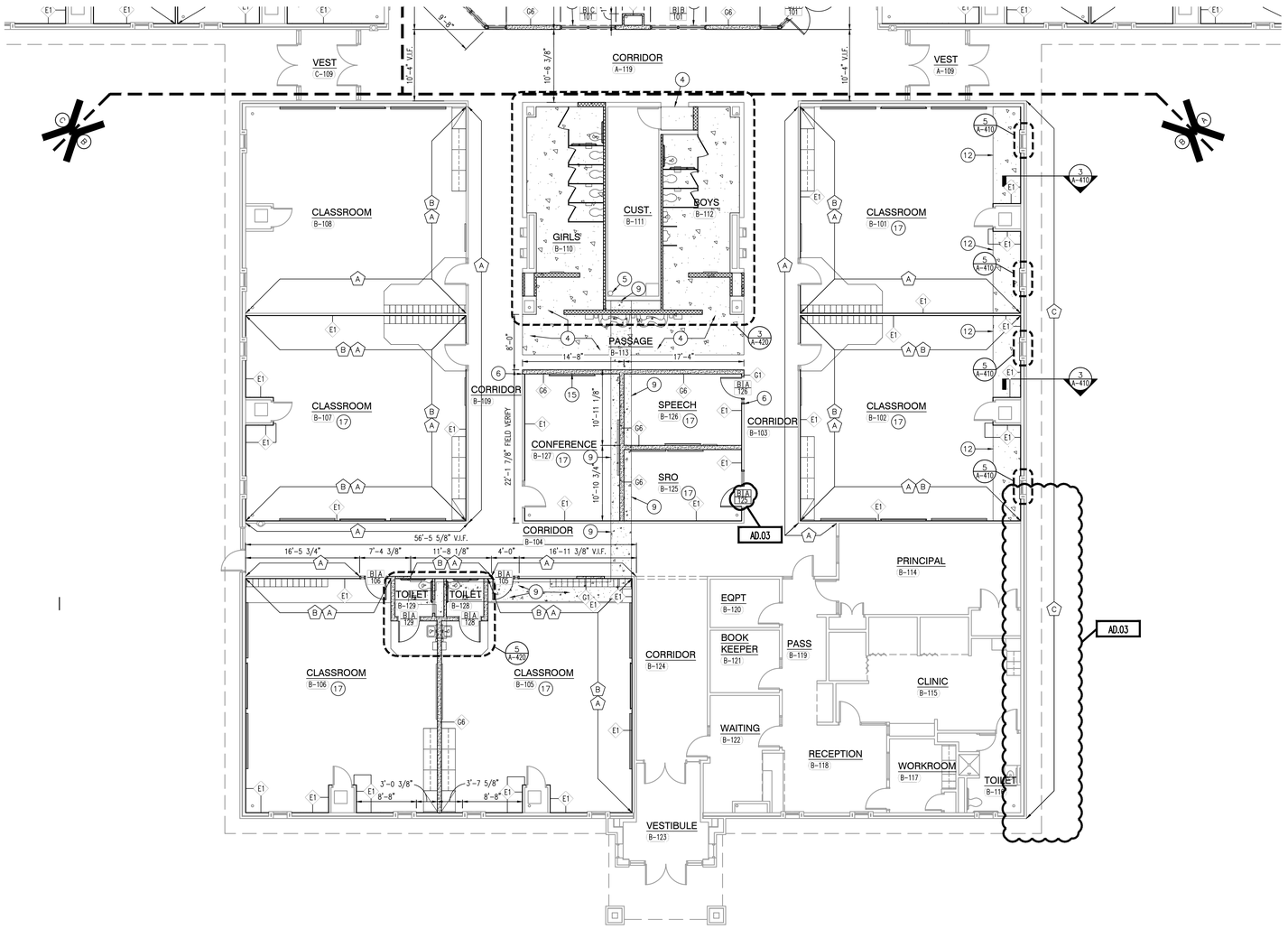
REVISIONS

MARK	DATE	ISSUED FOR
AD.01	04/18/24	ADDENDUM NO. 01
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING
UNIT "A" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
A
A-101



UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

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

NORTH

GENERAL PLAN NOTES:

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

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

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

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

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

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

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

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

I. INTERIOR CMU WALLS ARE TO BE HORIZONTAL STACK TO MATCH EXISTING UNLESS NOTED OTHERWISE.

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

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

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

M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL

N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

PLAN LEGEND:

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

INDICATES WALL TYPES REFER TO A-501 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. NOT USED.
2. FLOOR SLAB INFILL WHERE TRENCHED FOR ELECTRICAL.
3. NOT USED
4. INFILL DEPRESSED FLOOR SLAB WITH SELF-LEVELING COMPOUND TO EL=100'-0" FOR NEW FLOOR FINISH.
5. EXISTING ROOF CONDUCTOR, REFER TO PLUMBING.
6. NEW WALL FINISH FLUSH TO EXISTING WALL FINISH
7. NEW WALL INFILL. MATCH ADJACENT EXISTING WALL STUD SIZE AND FLUSH OUT FINISH FACE(S) WITH EXISTING WALLS. ASSUME 2-1/2" METAL STUDS WITH 5/8" GYPSUM BOTH SIDES. FIELD VERIFY.
8. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
9. PROVIDE NEW CONCRETE SLAB WHERE EXISTING WAS REMOVED FOR NEW CONSTRUCTION. REFER TO STRUCTURAL.
10. CENTER NEW WALL ON EXISTING COLUMN.
11. PATCH WALL WHERE EXISTING WALL AND FINISH WAS REMOVED.

AD.03

12. RE-LEVEL SUNKEN FLOOR SLAB TO EL=100'-0". PUMP NON SHRINK GROUT IN 2" DIAMETER CORED HOLES 2'-0" O.C. THROUGH CONCRETE SLAB UNTIL FULL AND BRING SLAB BACK TO LEVEL ELEVATION. ADDITIONAL LEVELING COMPOUND PLACED ON TOP OF SLAB MAY BE USED IF ADDITIONAL FLOOR LEVELING IS REQUIRED AFTER GROUT HAS BEEN INSTALLED.
13. PROVIDE WALL STOP FOR EXISTING DOOR ON NEW WALL.
14. UTILITY SINK, REFER TO PLUMBING DRAWINGS.
15. REINSTALL SIGNAGE REMOVED FROM EB-126 AT 7'-0" AFF. COORDINATE FINAL LOATION WITH OWNER AND ARCHITECT PRIOR TO INSTALL.
16. DASHED LINE INDICATES WALL ABOVE STOREFRONT OPENING.
17. WHERE EXISTING WALLS HAVE BEEN LAMINATED WITH 1/4" GYPSUM BOARD, RESET EXISTING OUTLETS AND DEVICES TO NEW WALL THICKNESS.

ALTERNATE PLAN NOTES:

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

A. EXTEND EXISTING WALL TO DECK ABOVE CEILING WITH WALL TYPE F1. REFER TO MECHANICAL FOR PENETRATIONS, OPENINGS, AND GRILLES. (7 A-501)

AD.03

B. INSULATE EXISTING WALL STUD CAVITY AND PROVIDE WOOD BLOCKING FOR NEW WALL MOUNTED EQUIPMENT. REFER TO EQUIPMENT PLANS. INSTALL NEW 5/8" GYPSUM BOARD THIS SIDE OF EXISTING WALL WHERE REMOVED.

C. INFILL FACE BRICK WHERE REMOVED FOR NEW WALL FLASHING. REFER TO WALL SECTIONS.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

D
C A
B

KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

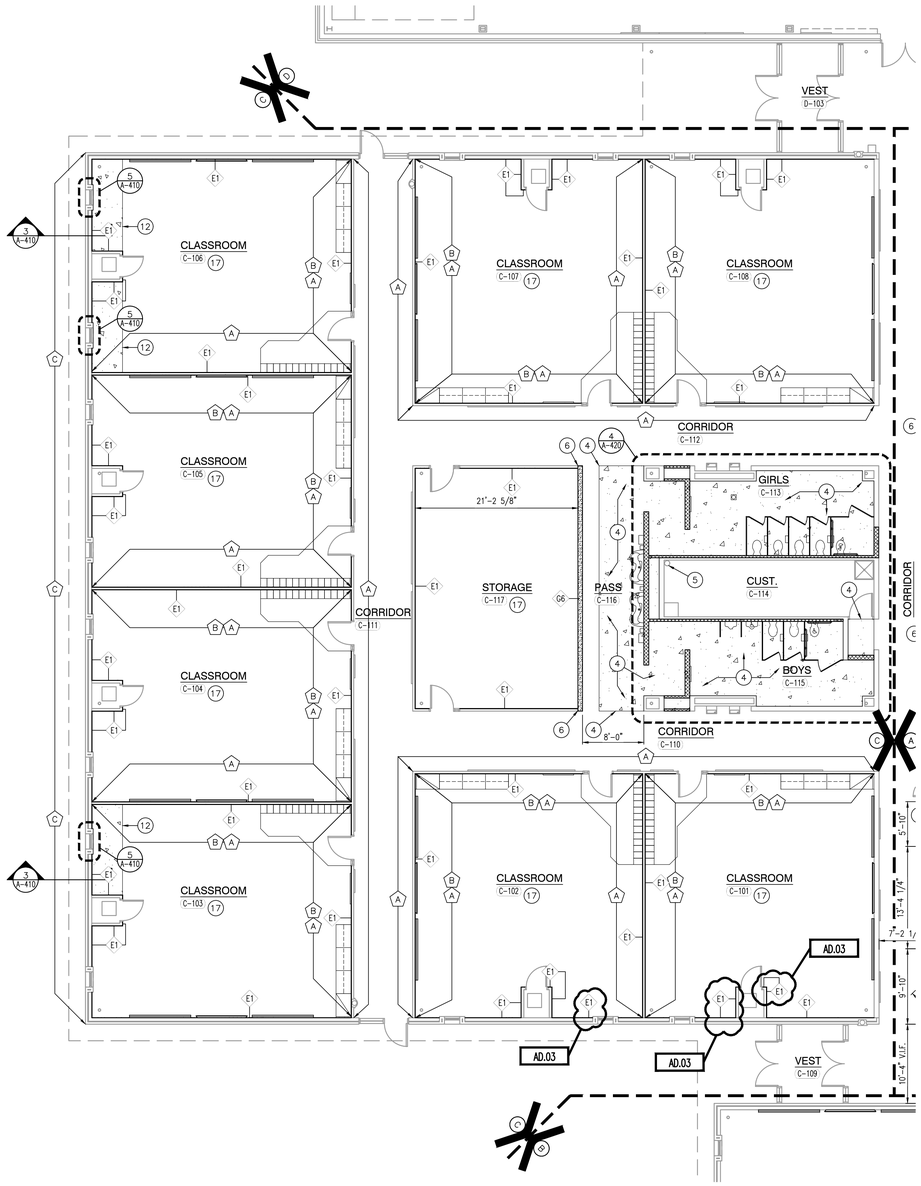
REVISIONS

MARK	DATE	ISSUED FOR
AD.01	04/18/24	ADDENDUM NO. 01
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING
UNIT "B" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
B
A-102



UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

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

NORTH

GENERAL PLAN NOTES:

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

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

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

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

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

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

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

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

I. INTERIOR CMU WALLS ARE TO BE HORIZONTAL STACK TO MATCH EXISTING UNLESS NOTED OTHERWISE.

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

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

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

M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL

N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

PLAN LEGEND:

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

INDICATES WALL TYPES REFER TO A-501 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. NOT USED.
2. FLOOR SLAB INFILL WHERE TRENCHED FOR ELECTRICAL.
3. NOT USED
4. INFILL DEPRESSED FLOOR SLAB WITH SELF-LEVELING COMPOUND TO EL=100'-0" FOR NEW FLOOR FINISH.
5. EXISTING ROOF CONDUCTOR, REFER TO PLUMBING.
6. NEW WALL FINISH FLUSH TO EXISTING WALL FINISH
7. NEW WALL INFILL. MATCH ADJACENT EXISTING WALL STUD SIZE AND FLUSH OUT FINISH FACE(S) WITH EXISTING WALLS. ASSUME 2-1/2" METAL STUDS WITH 5/8" GYPSUM BOTH SIDES. FIELD VERIFY.
8. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
9. PROVIDE NEW CONCRETE SLAB WHERE EXISTING WAS REMOVED FOR NEW CONSTRUCTION. REFER TO STRUCTURAL.
10. CENTER NEW WALL ON EXISTING COLUMN.
11. PATCH WALL WHERE EXISTING WALL AND FINISH WAS REMOVED.
12. RE-LEVEL SUNKEN FLOOR SLAB TO EL=100'-0". PUMP NON SHRINK GROUT IN 2" DIAMETER CORED HOLES 2'-0" O.C. THROUGH CONCRETE SLAB UNTIL FULL AND BRING SLAB BACK TO LEVEL ELEVATION. ADDITIONAL LEVELING COMPOUND PLACED ON TOP OF SLAB MAY BE USED IF ADDITIONAL FLOOR LEVELING IS REQUIRED AFTER GROUT HAS BEEN INSTALLED.
13. PROVIDE WALL STOP FOR EXISTING DOOR ON NEW WALL.
14. UTILITY SINK, REFER TO PLUMBING DRAWINGS.
15. REINSTALL SIGNAGE REMOVED FROM EB-126 AT 7'-0" AFF. COORDINATE FINAL LOATION WITH OWNER AND ARCHITECT PRIOR TO INSTALL.
16. DASHED LINE INDICATES WALL ABOVE STOREFRONT OPENING.
17. WHERE EXISTING WALLS HAVE BEEN LAMINATED WITH 1/4" GYPSUM BOARD, RESET EXISTING OUTLETS AND DEVICES TO NEW WALL THICKNESS.

ALTERNATE PLAN NOTES:

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

A. EXTEND EXISTING WALL TO DECK ABOVE CEILING WITH WALL TYPE F1. REFER TO MECHANICAL FOR PENETRATIONS, OPENINGS, AND GRILLES. (7 A-501)

AD.03

B. INSULATE EXISTING WALL STUD CAVITY AND PROVIDE WOOD BLOCKING FOR NEW WALL MOUNTED EQUIPMENT. REFER TO EQUIPMENT PLANS. INSTALL NEW 5/8" GYPSUM BOARD THIS SIDE OF EXISTING WALL WHERE REMOVED.

C. INFILL FACE BRICK WHERE REMOVED FOR NEW WALL FLASHING. REFER TO WALL SECTIONS.

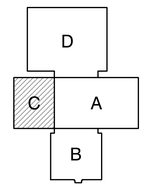
AD.03

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

GIBRALTAR DESIGN
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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

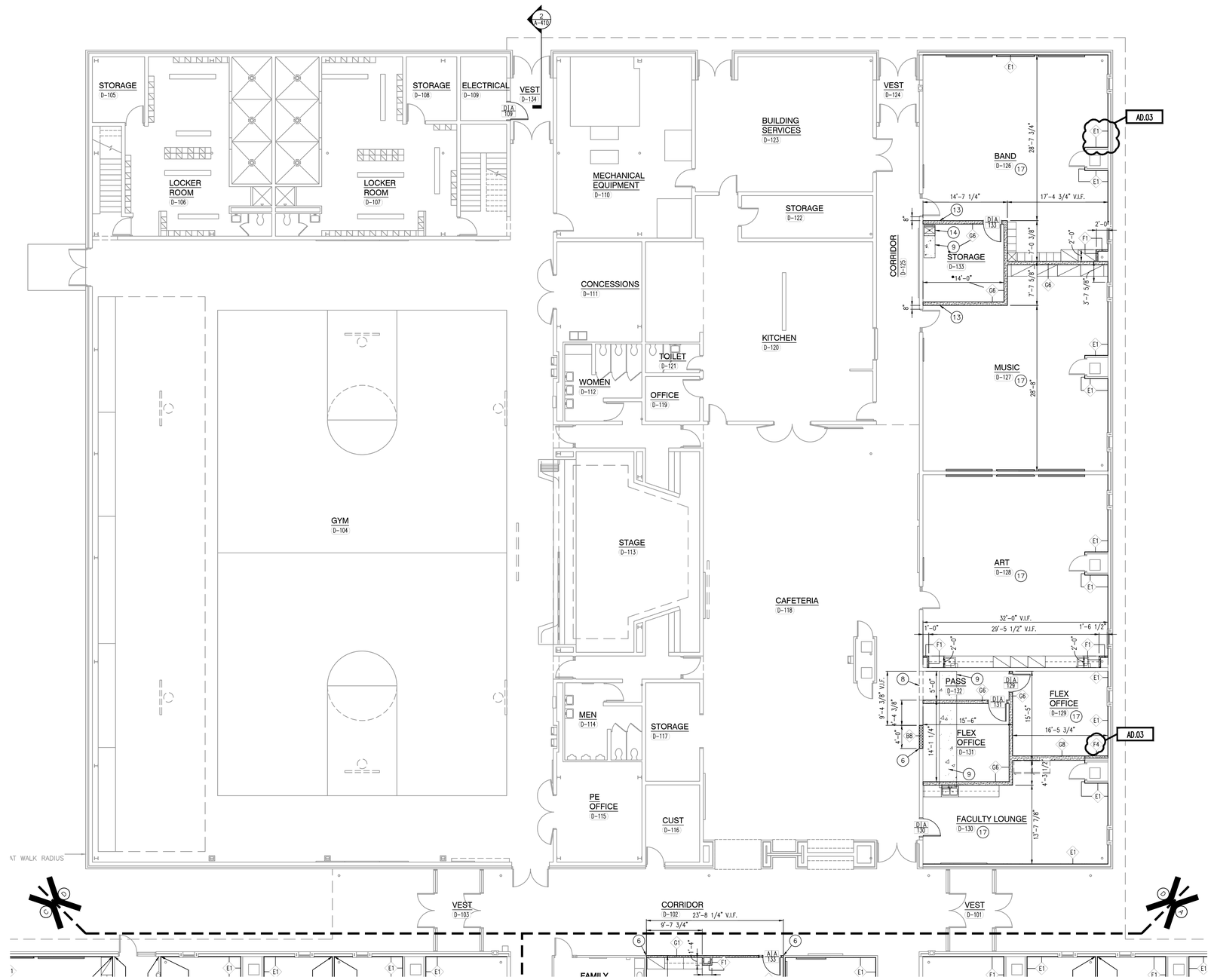
MARK	DATE	ISSUED FOR
AD.01	04/18/24	ADDENDUM NO. 01
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING
UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET C A-103

Tuesday, 4/30/2024 - 4:31 PM - LAST SAVED BY:CDAVIS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\05 ARCH\A-103.DWG



UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

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

GENERAL PLAN NOTES:

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

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

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

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

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

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

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

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

I. INTERIOR CMU WALLS ARE TO BE HORIZONTAL STACK TO MATCH EXISTING UNLESS NOTED OTHERWISE.

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

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

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

M. REFER TO FINISH PLANS FOR INTERIOR ELEVATIONS, LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL

N. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

PLAN LEGEND:

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

INDICATES WALL TYPES REFER TO A-501 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

PLAN NOTES:

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

1. NOT USED.
2. FLOOR SLAB INFILL WHERE TRENCHED FOR ELECTRICAL.
3. NOT USED
4. INFILL DEPRESSED FLOOR SLAB WITH SELF-LEVELING COMPOUND TO EL=100'-0" FOR NEW FLOOR FINISH.
5. EXISTING ROOF CONDUCTOR, REFER TO PLUMBING.
6. NEW WALL FINISH FLUSH TO EXISTING WALL FINISH
7. NEW WALL INFILL. MATCH ADJACENT EXISTING WALL STUD SIZE AND FLUSH OUT FINISH FACE(S) WITH EXISTING WALLS. ASSUME 2-1/2" METAL STUDS WITH 5/8" GYPSUM BOTH SIDES. FIELD VERIFY.
8. DASHED LINE INDICATES TYPICAL BULKHEAD, REFER TO SECTIONS AND REFLECTED CEILING PLANS.
9. PROVIDE NEW CONCRETE SLAB WHERE EXISTING WAS REMOVED FOR NEW CONSTRUCTION. REFER TO STRUCTURAL.
10. CENTER NEW WALL ON EXISTING COLUMN.
11. PATCH WALL WHERE EXISTING WALL AND FINISH WAS REMOVED.
12. RE-LEVEL SUNKEN FLOOR SLAB TO EL=100'-0". PUMP NON SHRINK GROUT IN 2" DIAMETER CORED HOLES 2'-0" O.C. THROUGH CONCRETE SLAB UNTIL FULL AND BRING SLAB BACK TO LEVEL ELEVATION. ADDITIONAL LEVELING COMPOUND PLACED ON TOP OF SLAB MAY BE USED IF ADDITIONAL FLOOR LEVELING IS REQUIRED AFTER GROUT HAS BEEN INSTALLED.
13. PROVIDE WALL STOP FOR EXISTING DOOR ON NEW WALL.
14. UTILITY SINK, REFER TO PLUMBING DRAWINGS.
15. REINSTALL SIGNAGE REMOVED FROM EB-126 AT 7'-0" AFF. COORDINATE FINAL LOATION WITH OWNER AND ARCHITECT PRIOR TO INSTALL.
16. DASHED LINE INDICATES WALL ABOVE STOREFRONT OPENING.
17. WHERE EXISTING WALLS HAVE BEEN LAMINATED WITH 1/4" GYPSUM BOARD, RESET EXISTING OUTLETS AND DEVICES TO NEW WALL THICKNESS.

ALTERNATE PLAN NOTES:

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

A. EXTEND EXISTING WALL TO DECK ABOVE CEILING WITH WALL TYPE F1. REFER TO MECHANICAL FOR PENETRATIONS, OPENINGS, AND GRILLES. (7 / A-501)

B. INSULATE EXISTING WALL STUD CAVITY AND PROVIDE WOOD BLOCKING FOR NEW WALL MOUNTED EQUIPMENT. REFER TO EQUIPMENT PLANS. INSTALL NEW 5/8" GYPSUM BOARD THIS SIDE OF EXISTING WALL WHERE REMOVED.

C. INFILL FACE BRICK WHERE REMOVED FOR NEW WALL FLASHING. REFER TO WALL SECTIONS.

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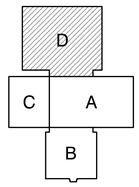
PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

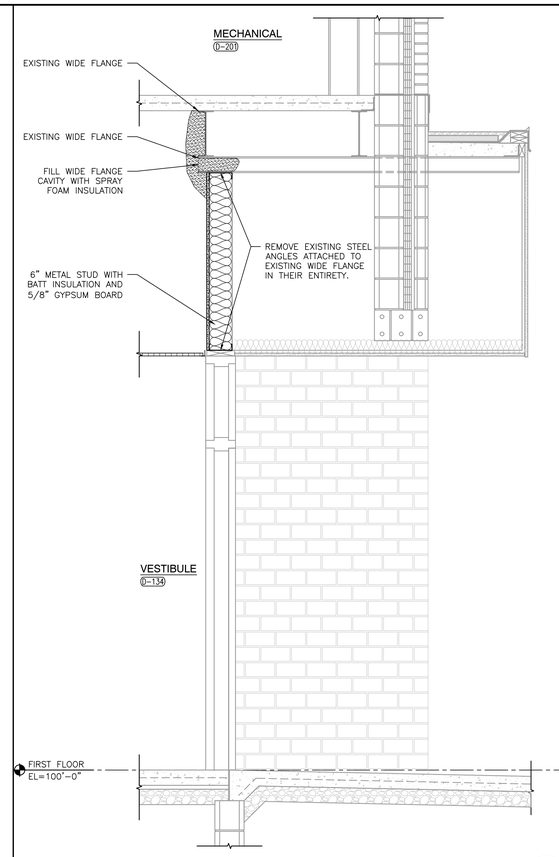
REVISIONS

MARK	DATE	ISSUED FOR
AD.01	04/18/24	ADDENDUM NO. 1
AD.03	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

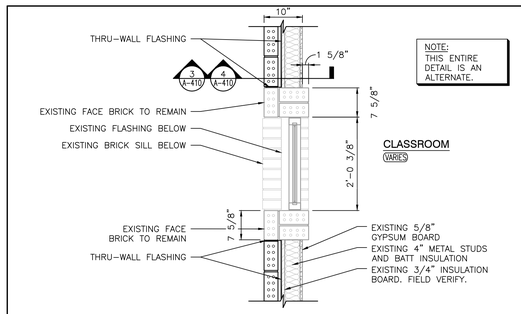
PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET D
A-104



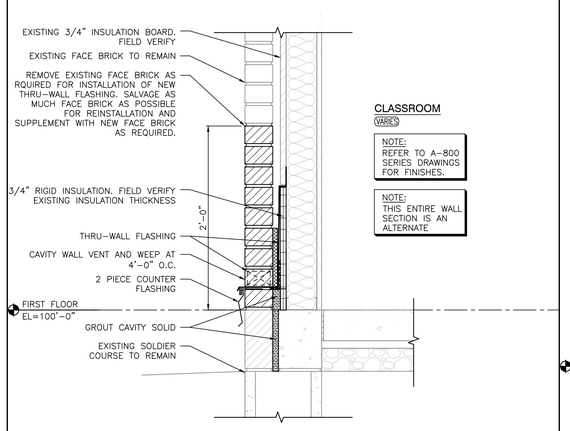
WALL SECTION
SCALE: 3/4" = 1'-0"

2 A-410



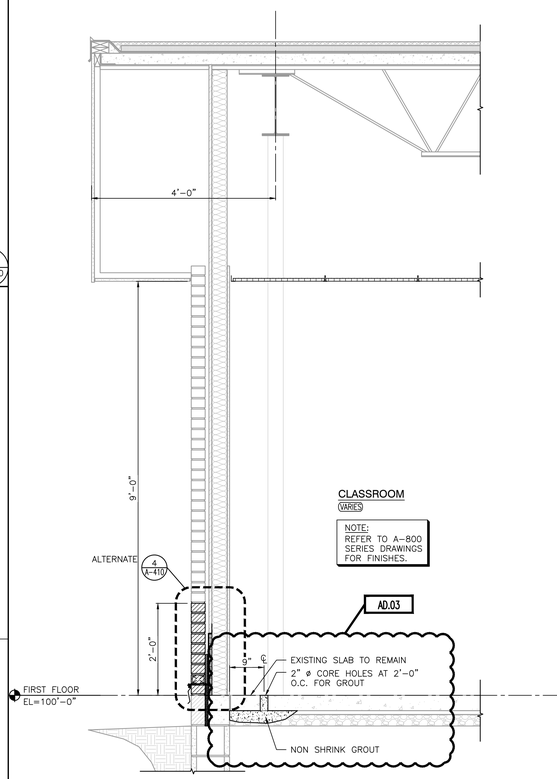
WINDOW PLAN - ALTERNATE
SCALE: 3/4" = 1'-0"

5 A-410



THRU-WALL FLASHING
SCALE: 1-1/2" = 1'-0"

4 A-410



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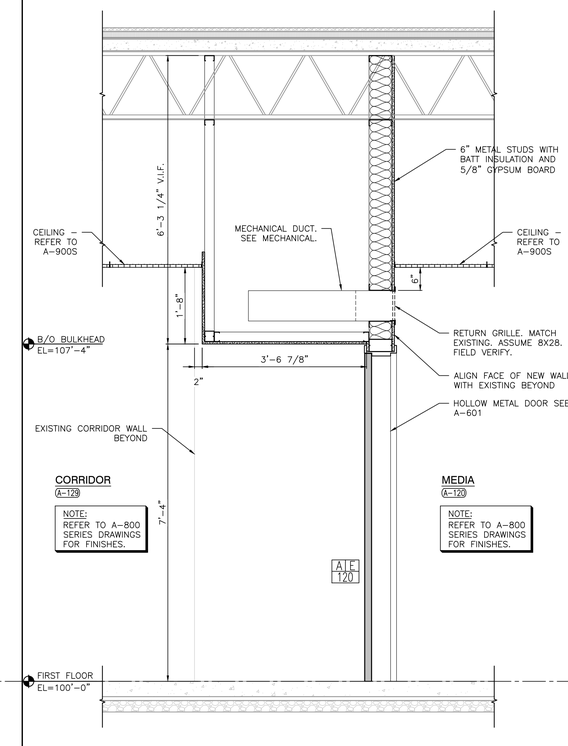
SCALE: 3/4" = 1'-0"

3 A-410



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

1 A-410

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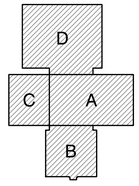
PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



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DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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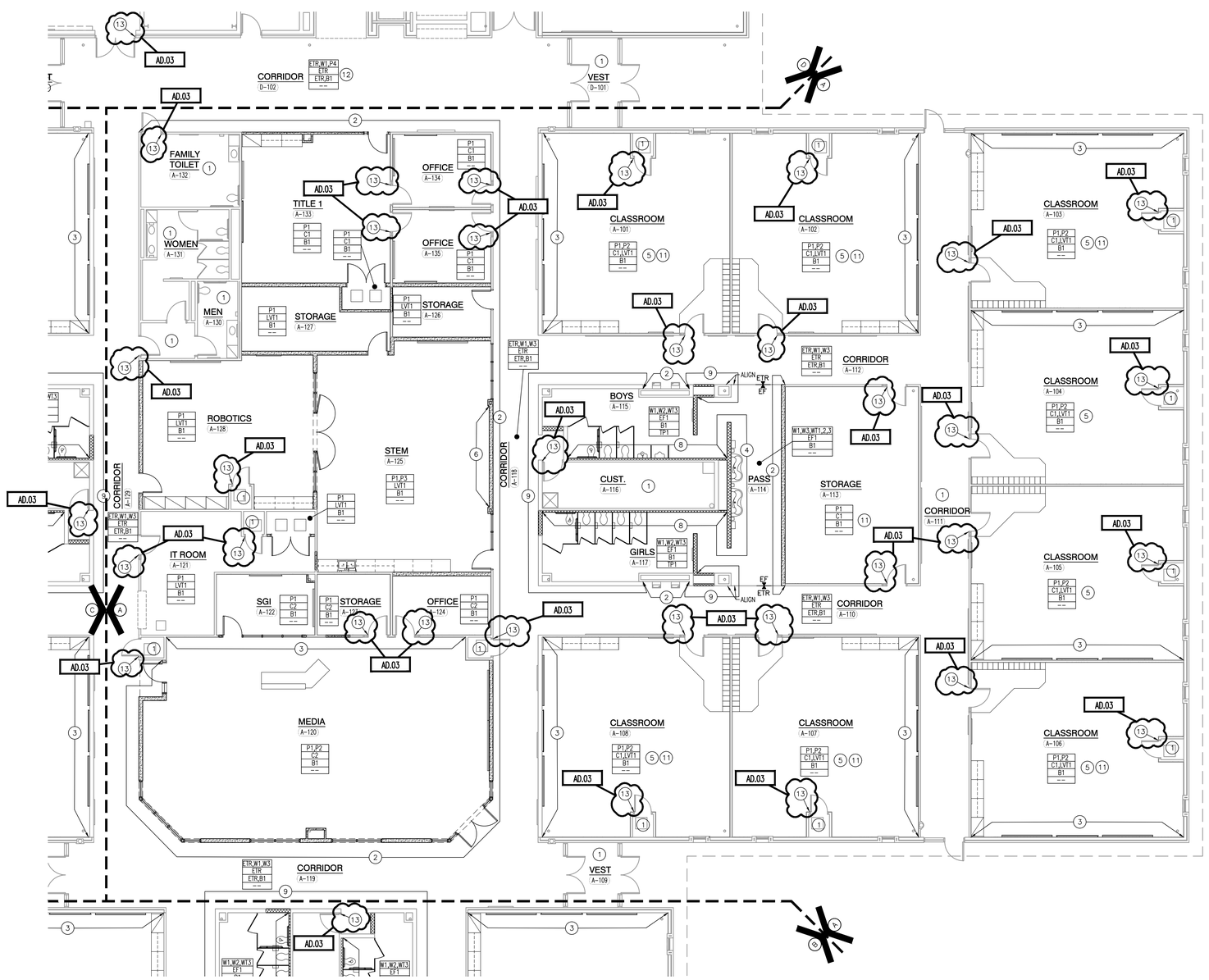
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING
WALL SECTIONS

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
A-410



UNIT "A" FIRST FLOOR FINISH PLAN

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

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.

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

K. 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.

AD.03 L. PAINT ALL SIDES OF NEW DOOR FRAMES P4 UNLESS NOTED OTHERWISE.

M. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.

FINISH SYMBOL LEGEND:

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

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. WALLCOATING, W1 AND WALL BASE, B1
3. PAINT, P2
4. WALL TILE – REFER TO ELEVATION 1/A-860. WALL TILE, WT3 EXTENDS TO WRAP WING WALL. PROVIDE SCHLUTER TRIM AT ALL OUTSIDE CORNERS AND END OF TILE RUNS.
5. LVT FLOORING PATTERN, TYPICAL ALL CLASSROOMS – REFER TO ROOM C-107.
6. PAINT, P3
7. WALL TILE, WT1
8. WALLCOATING, W2
9. WALLCOATING, W3 AND WALL BASE, B1
10. WALL BASE, B1
11. PAINT EXISTING COLUMNS, P1
12. PAINT EXISTING COLUMNS, P4

AD.03 13. PREP AND PAINT EXISTING DOOR FRAME, BOTH SIDES, P4

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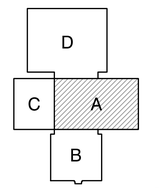
PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY EKM
CHECKED BY BCB

DALE J. WALKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

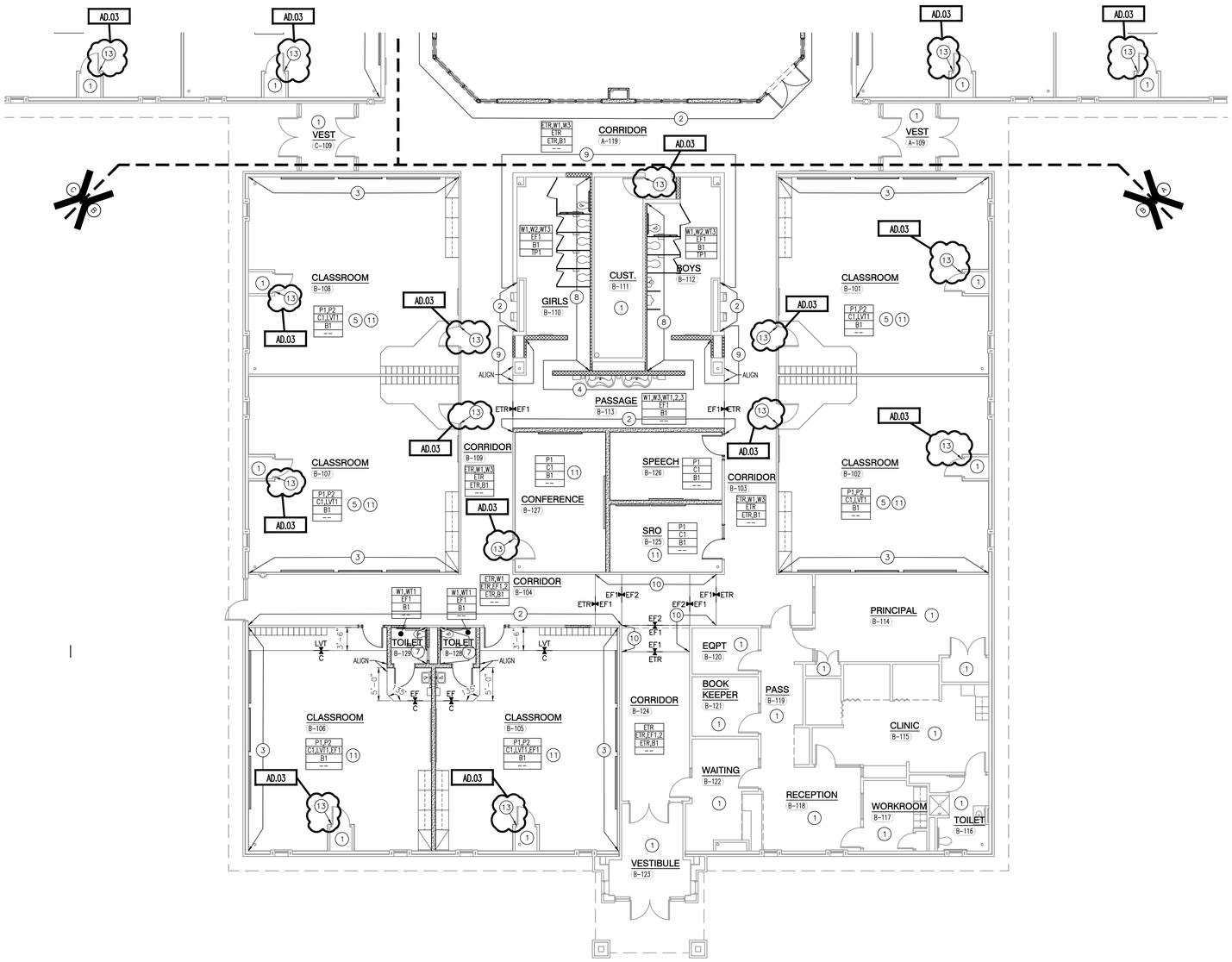
MARK	DATE	ISSUED FOR
AD.03	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "A" FIRST FLOOR FINISH PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET A-801

Tuesday, 4/30/2024 - 2:16 PM - LAST SAVED BY:CDAVIS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\05 ARCH\A-801.DWG



UNIT "B" FIRST FLOOR FINISH PLAN

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

NORTH

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.

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

K. 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.

AD.03 — L. PAINT ALL SIDES OF NEW DOOR FRAMES P4 UNLESS NOTED OTHERWISE.

M. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.

FINISH SYMBOL LEGEND:

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

FLOOR TRANSITION STRIP AS REQUIRED

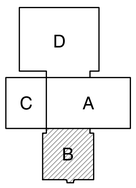
INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. WALLCOATING, W1 AND WALL BASE, B1
3. PAINT, P2
4. WALL TILE – REFER TO ELEVATION 1/A-860. WALL TILE, WT3 EXTENDS TO WRAP WING WALL. PROVIDE SCHLUTER TRIM AT ALL OUTSIDE CORNERS AND END OF TILE RUNS.
5. LVT FLOORING PATTERN, TYPICAL ALL CLASSROOMS – REFER TO ROOM C-107.
6. PAINT, P3
7. WALL TILE, WT1
8. WALLCOATING, W2
9. WALLCOATING, W3 AND WALL BASE, B1
10. WALL BASE, B1
11. PAINT EXISTING COLUMNS, P1
12. PAINT EXISTING COLUMNS, P4
13. PREP AND PAINT EXISTING DOOR FRAME, BOTH SIDES, P4

AD.03 — 4, 13



KEY PLAN

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY EKM
CHECKED BY BCB

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

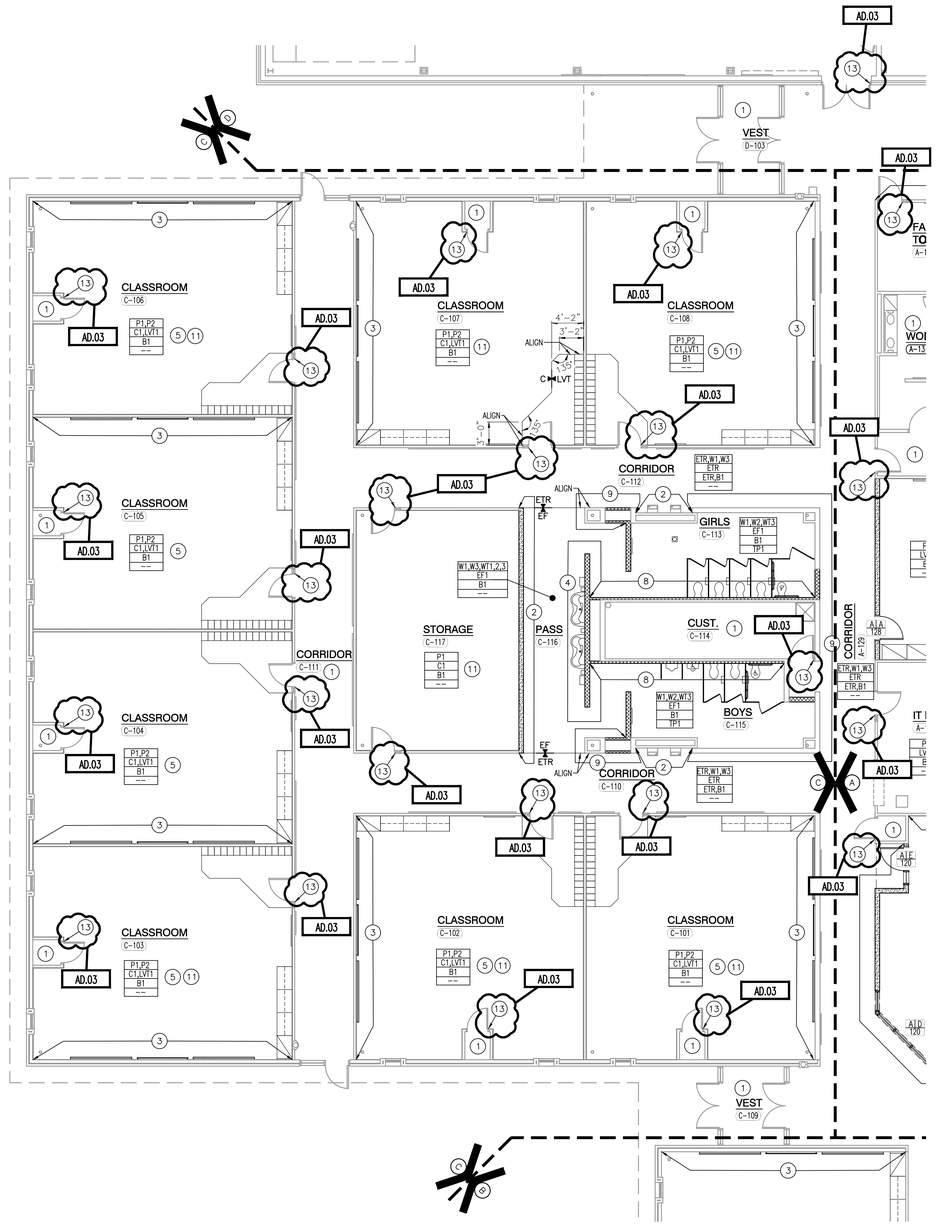
MARK	DATE	ISSUED FOR
AD.03	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "B" FIRST FLOOR FINISH PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

B

SHEET
A-802



UNIT "C" FIRST FLOOR FINISH PLAN

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

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.
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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.
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J. ALL FLOOR FINISH TRANSITIONS AT DOORS SHALL BE CENTERED UNDER DOOR UNLESS NOTED OTHERWISE.
K. 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.
L. PAINT ALL SIDES OF NEW DOOR FRAMES P4 UNLESS NOTED OTHERWISE.
M. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.

AD.03

FINISH SYMBOL LEGEND:

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

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. WALLCOATING, W1 AND WALL BASE, B1
3. PAINT, P2
4. WALL TILE – REFER TO ELEVATION 1/A-860. WALL TILE, WT3 EXTENDS TO WRAP WING WALL. PROVIDE SCHLUTER TRIM AT ALL OUTSIDE CORNERS AND END OF TILE RUNS.
5. LVT FLOORING PATTERN, TYPICAL ALL CLASSROOMS – REFER TO ROOM C-107.
6. PAINT, P3
7. WALL TILE, WT1
8. WALLCOATING, W2
9. WALLCOATING, W3 AND WALL BASE, B1
10. WALL BASE, B1
11. PAINT EXISTING COLUMNS, P1
12. PAINT EXISTING COLUMNS, P4
13. PREP AND PAINT EXISTING DOOR FRAME, BOTH SIDES, P4

AD.03

GIBRALTAR DESIGN
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PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

KEY PLAN

GIBRALTAR DESIGN
9102 N. Meridian St., Ste. 300
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PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY EKM
CHECKED BY BCB

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

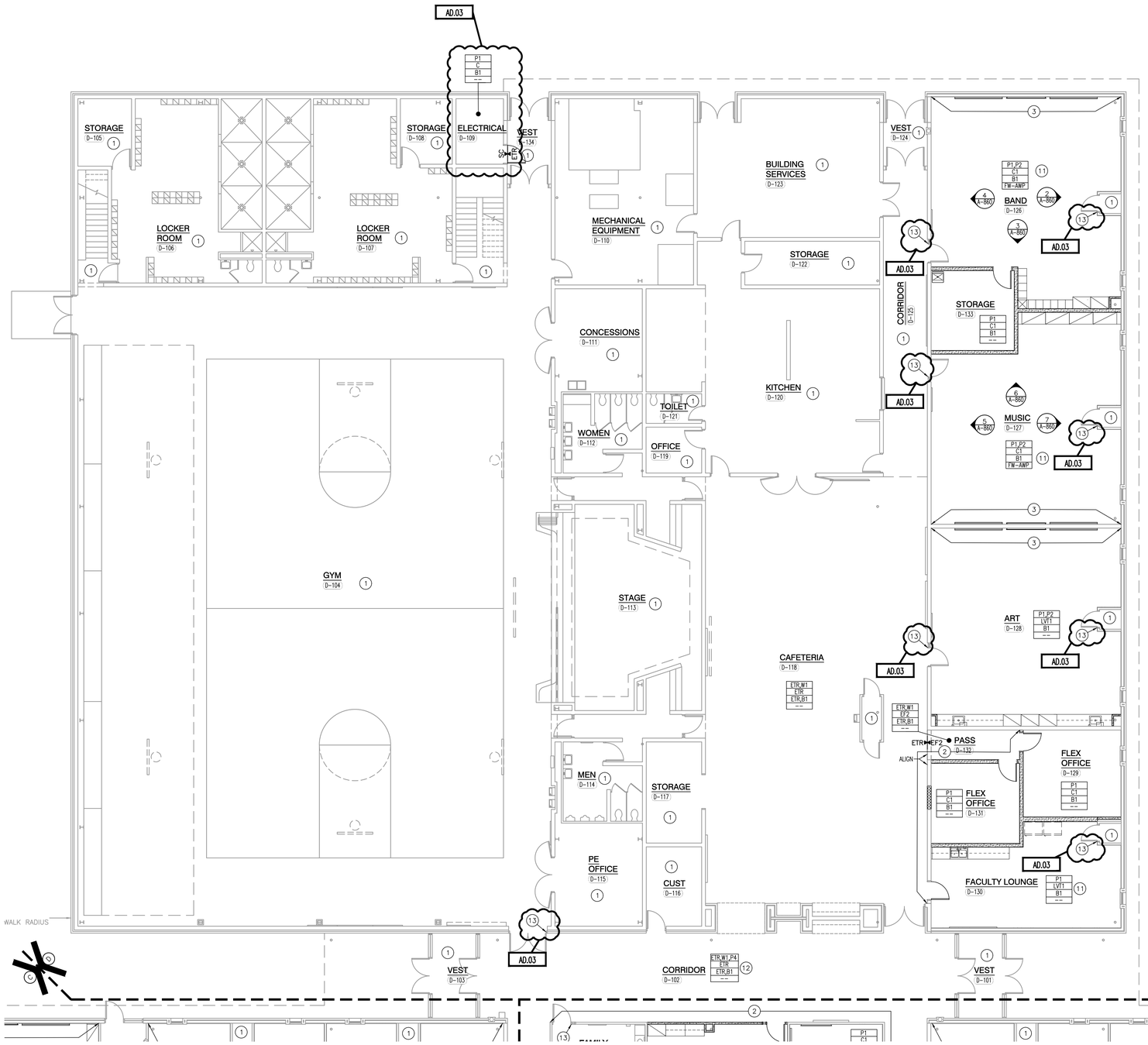
MARK	DATE	ISSUED FOR
AD.03	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "C" FIRST FLOOR FINISH PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
C
A-803

Tuesday, 4/30/2024 - 2:16 PM - LAST SAVED BY:CDAVIS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\05 ARCH\A-803.DWG



UNIT "D" FIRST FLOOR FINISH PLAN

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

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.
J. ALL FLOOR FINISH TRANSITIONS AT DOORS SHALL BE CENTERED UNDER DOOR UNLESS NOTED OTHERWISE.
K. 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.
L. PAINT ALL SIDES OF NEW DOOR FRAMES P4 UNLESS NOTED OTHERWISE.
M. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.

FINISH SYMBOL LEGEND:

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

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. WALLCOATING, W1 AND WALL BASE, B1
3. PAINT, P2
4. WALL TILE – REFER TO ELEVATION 1/A-860. WALL TILE, WT3 EXTENDS TO WRAP WING WALL. PROVIDE SCHLUTER TRIM AT ALL OUTSIDE CORNERS AND END OF TILE RUNS.
5. LVT FLOORING PATTERN, TYPICAL ALL CLASSROOMS – REFER TO ROOM C-107.
6. PAINT, P3
7. WALL TILE, WT1
8. WALLCOATING, W2
9. WALLCOATING, W3 AND WALL BASE, B1
10. WALL BASE, B1
11. PAINT EXISTING COLUMNS, P1
12. PAINT EXISTING COLUMNS, P4
13. PREP AND PAINT EXISTING DOOR FRAME, BOTH SIDES, P4

GIBRALTAR DESIGN
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PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

D / C A / B

KEY PLAN

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DRAWING
UNIT "D" FIRST FLOOR FINISH PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
D
A-804

FINISH LEGEND

SURFACE	MARK	DESCRIPTION	MANUFACTURER	PATTERN/FINISH	NUMBER/COLOR	SIZE	COMMENTS
WALL BASE							
	B1	VINYL WALL BASE	TARKETT	--	BLACK	4"H COVE	--
FLOOR MATERIALS							
C1	C1a	CARPET TILE	TARKETT	SQUARE UP	BLUE SPIRIT	24X24"	--
	C1b	CARPET TILE	MANNINGTON	PRECISION	ACUTE	24X24"	--
C2	C2a	CARPET TILE	TARKETT	VISUAL PATH	BE KIND	24X24"	--
	C2b	CARPET TILE	MANNINGTON	OBSERVER	PACIFIC BLUE	18X36"	--
	LVT1	LUXURY VINYL TILE	TARKETT	CONTOUR, FACTOR	SKYLINE	18X18"	--
	EF1	POURED EPOXY FLOOR	SHERWIN WILLIAMS	DECOFLAKE	ECLIPSE	--	--
AD.03	EF2	POURED EPOXY FLOOR	KEY RESIN	EPOXY FLAKE, KEY CHIP 100, SEAL PROVIDE BLEND	COMMANCHE	--	MATCH EXISTING
	SC	SEALED CONCRETE	--	--	--	--	--
WALL MATERIALS							
	P1	PAINT	SHERWIN WILLIAMS	--	REPOSE GRAY SW7015	--	--
	P2	PAINT	SHERWIN WILLIAMS	--	LEISURE BLUE SW6515	--	--
	P3	PAINT	MDC COATING	FUZE	WHITE	--	MARKERBOARD PAINT
	P4	PAINT	SHERWIN WILLIAMS	--	TRICORN BLACK	--	DOORFRAMES
	W1	WALLCOATING	SHERWIN WILLIAMS	-- AD.03	REPOSE GRAY SW7015	-- AD.03	--
	W2	WALLCOATING	SHERWIN WILLIAMS	--	LEISURE BLUE SW6515	--	--
	W3	WALLCOATING	SHERWIN WILLIAMS	--	NAVAL SW6244	--	--
	WT1	CERAMIC WALL TILE	AMERICAN OLEAN	PLAYSCAPES	MIDNIGHT BLUE	3" X 6" HARLEQUIN	--
	WT2	CERAMIC WALL TILE	AMERICAN OLEAN	PLAYSCAPES	SILVERSIDE	3" X 6" HARLEQUIN	--
	WT3	CERAMIC WALL TILE	AMERICAN OLEAN	PLAYSCAPES	MERINGUE	3" X 6" HARLEQUIN	--
	FW-AWP	ACOUSTICAL PANEL	MAHARAM	METAPHOR	BLUESHIFT	--	--
CASEWORK AND MILLWORK							
	PL1	PLASTIC LAMINATE	FORMICA	--	ASHWOOD BEIGE	--	--
	PL2	PLASTIC LAMINATE	FORMICA	--	CITADEL WARP	--	--
	PL3	PLASTIC LAMINATE	WILSONART	--	ORGANIC COTTON	--	--
	PL4	PLASTIC LAMINATE	PIONITE	--	CRADLE OF LIBERTY	--	--
	SS1	SOLID SURFACE	CORIAN	--	CARBON AGGREGATE	--	--
	SS2	SOLID SURFACE	WILSONART	--	BLUESTONE	--	--
MISCELLANEOUS	CG1	CORNER GUARD	--	--	--	--	--
	TP1	TOILET PARTITION	HINDY HIDERS	ORANGE PEEL	CONCRETE	--	--
		WOOD DOOR	--	--	MATCH EXISTING	--	--

ETR = EXISTING TO REMAIN

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BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
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PROJECT 23-147
DATE 03/15/24
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DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

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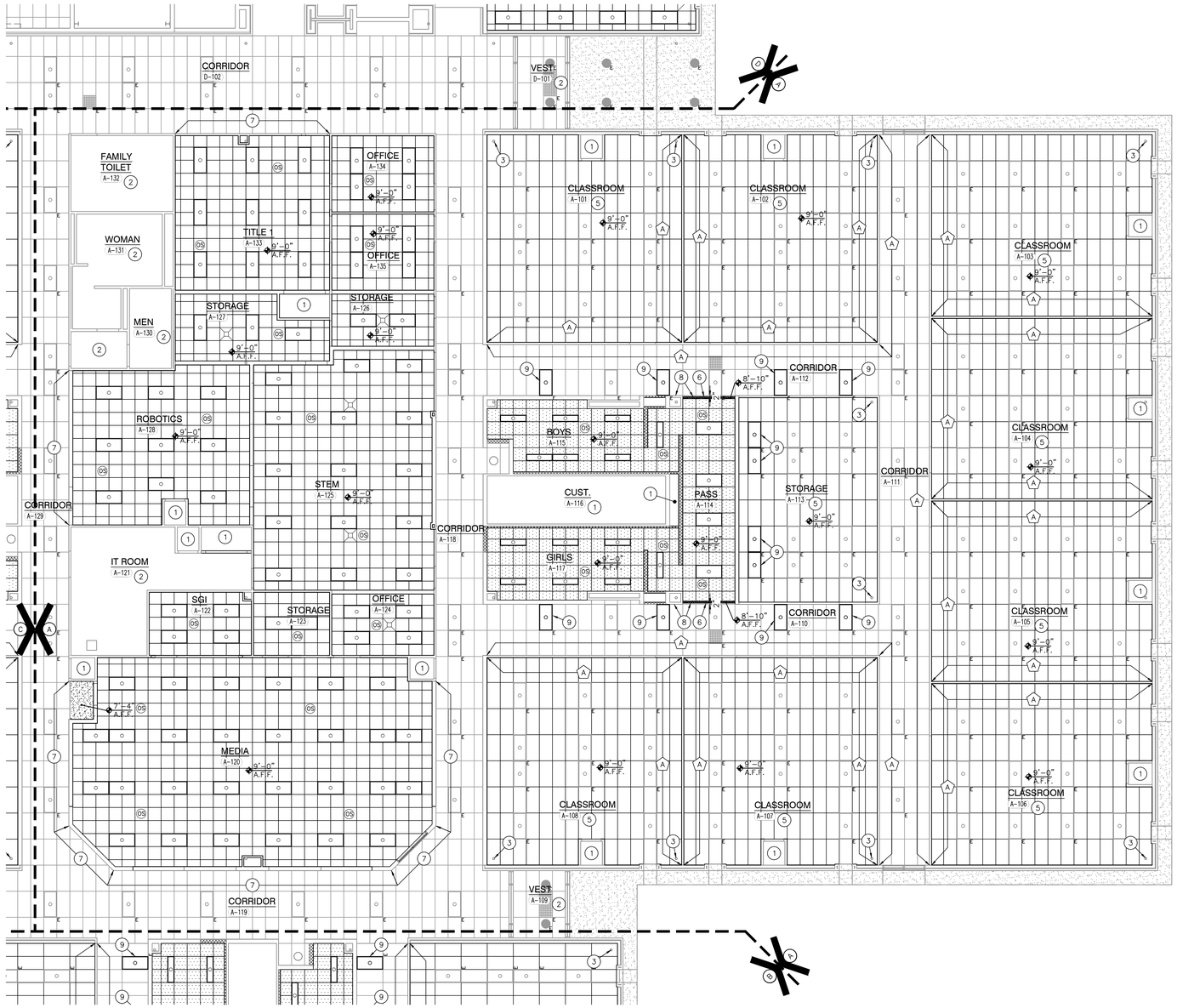
AD.03	04/26/24	ADDENDUM NO. 3

DRAWING
FINISH LEGEND

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
A-820

Tuesday, 4/30/2024 - 1:43 PM - LAST SAVED BY:CDAVIS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\05 ARCH\A-820.DWG



UNIT "A" FIRST FLOOR REFLECTED CEILING PLAN

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

NORTH

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.

F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

- GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (4/A-501) AND WALL SECTIONS
- ACT1 2'-0" x 2'-0" ACOUSTICAL BOARD CEILING
- ACT2 2'-0" x 2'-0" VINYL FACED CEILING
- AD.03 ACT3 2'-0" x 4'-0" ACOUSTICAL BOARD CEILING

- DOWN LIGHT
- EXIT LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- LINEAR LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- LINEAR SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE
- (S) CEILING SPEAKER
- (OS) OCCUPANCY SENSOR

REFLECTED CEILING PLAN NOTES:

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

1. OPEN TO STRUCTURE ABOVE, NO CEILING REQUIRED.
2. EXISTING CEILING TO REMAIN.
3. STEEL COLUMN GRID ALIGNMENT. — 5/A-501
4. ALIGN GRID TO THIS POINT.
5. NEW 2X4 PADS IN EXISTING 2X4 GRID
6. GYPSUM BOARD BULKHEAD. — 4/A-501
7. REPLACE EXISTING PADS AND GRID WHERE REMOVED FOR NEW WALL CONSTRUCTION. PROVIDE NEW WALL ANGLE ALONG NEW WALL.
8. HOLD FINISH FACE OF BULKHEAD BACK 2" FROM CORRIDOR FACE OF BULL NOSE CMU.
9. EXISTING LIGHT FIXTURE TO BE RELOCATED TO THIS LOCATION. REFER TO ELECTRICAL DRAWINGS.

ALTERNATE PLAN NOTES:

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

(A) WHERE EXISTING WALLS HAVE BEEN EXTENDED TO DECK, SUPPORT EXISTING MAIN TEES, AND PROVIDE NEW WALL ANGLE. — 7/A-501

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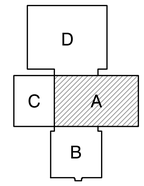
PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

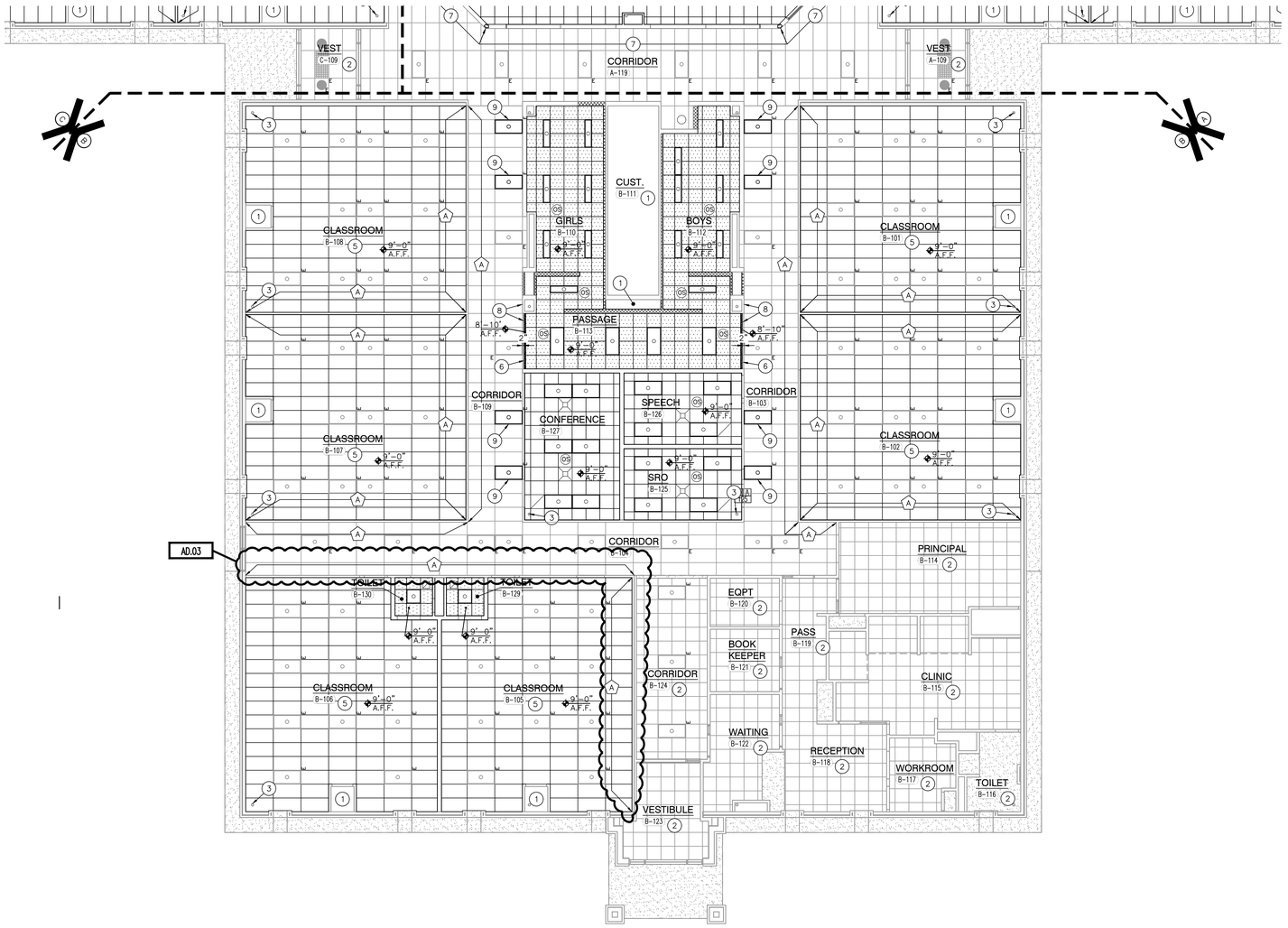
MARK	DATE	ISSUED FOR
AD.01	04/17/24	ADDENDUM NO. 01
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING
UNIT "A" FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET A-901

Tuesday, 4/30/2024 - 1:35 PM - LAST SAVED BY:CDAVIS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\05 ARCH\A-901.DWG



UNIT "B" FIRST FLOOR REFLECTED CEILING PLAN

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

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.

F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

- GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (4/A-501) AND WALL SECTIONS
- ACT1 2'-0" x 2'-0" ACOUSTICAL BOARD CEILING
- ACT2 2'-0" x 2'-0" VINYL FACED CEILING
- AD.03 — ACT3 2'-0" x 4'-0" ACOUSTICAL BOARD CEILING
- DOWN LIGHT
- EXIT LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- LINEAR LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- LINEAR SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE
- (S) CEILING SPEAKER
- (OS) OCCUPANCY SENSOR

REFLECTED CEILING PLAN NOTES:

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

1. OPEN TO STRUCTURE ABOVE, NO CEILING REQUIRED.
2. EXISTING CEILING TO REMAIN.
3. STEEL COLUMN GRID ALIGNMENT. — 5/A-501
4. ALIGN GRID TO THIS POINT.
5. NEW 2X4 PADS IN EXISTING 2X4 GRID
6. GYPSUM BOARD BULKHEAD. — 4/A-501
7. REPLACE EXISTING PADS AND GRID WHERE REMOVED FOR NEW WALL CONSTRUCTION. PROVIDE NEW WALL ANGLE ALONG NEW WALL.
8. HOLD FINISH FACE OF BULKHEAD BACK 2" FROM CORRIDOR FACE OF BULL NOSE CMU.
9. EXISTING LIGHT FIXTURE TO BE RELOCATED TO THIS LOCATION. REFER TO ELECTRICAL DRAWINGS.

ALTERNATE PLAN NOTES:

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

A. WHERE EXISTING WALLS HAVE BEEN EXTENDED TO DECK, SUPPORT EXISTING MAIN TEES, AND PROVIDE NEW WALL ANGLE. — A-501

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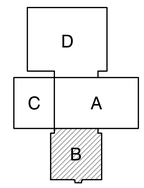
PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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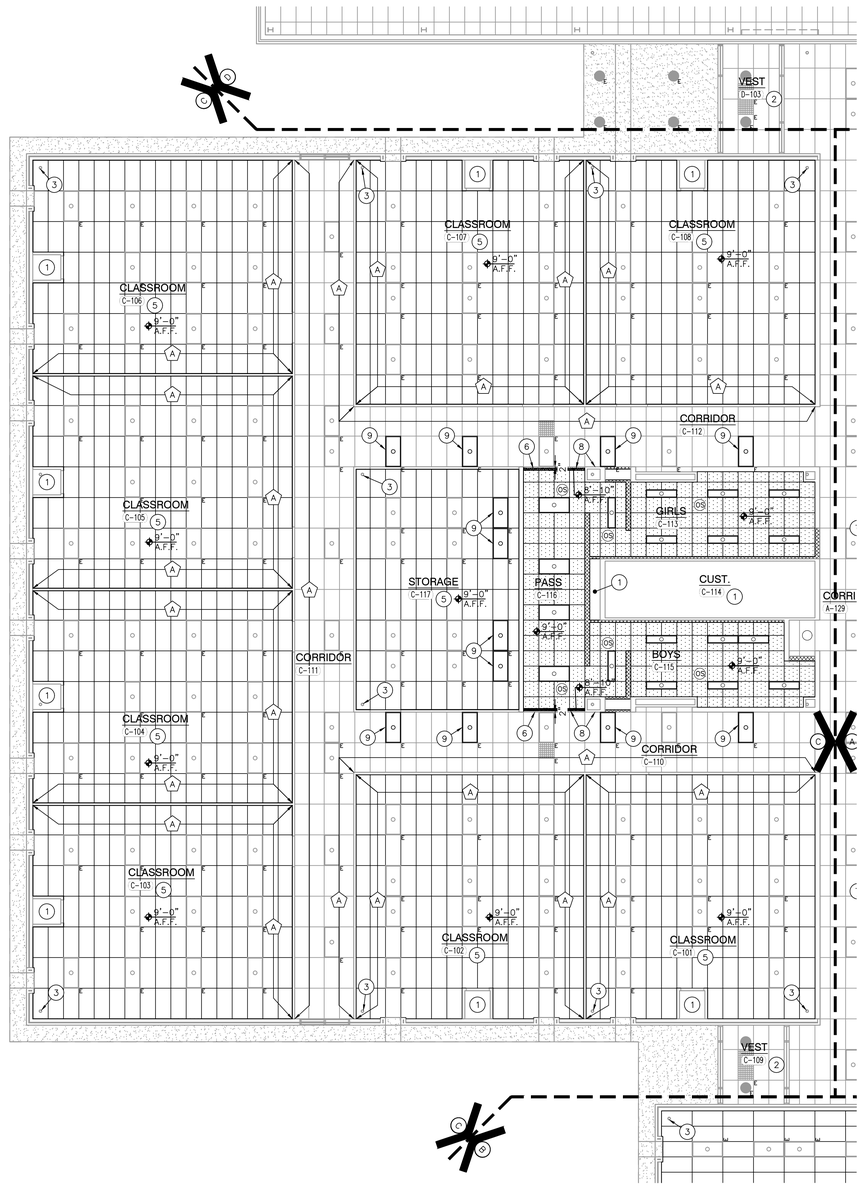
DRAWING
UNIT "B" FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

B

SHEET
A-902

Tuesday, 4/30/2024 - 1:34 PM - LAST SAVED BY:CDAVIS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\05 ARCH\A-902.DWG



UNIT "C" FIRST FLOOR REFLECTED CEILING PLAN

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

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.

F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

- GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (4/A-501) AND WALL SECTIONS
- ACT1 2'-0" x 2'-0" ACOUSTICAL BOARD CEILING
- ACT2 2'-0" x 2'-0" VINYL FACED CEILING
- AD.03 ACT3 2'-0" x 4'-0" ACOUSTICAL BOARD CEILING
- DOWN LIGHT
- EXIT LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- LINEAR LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- LINEAR SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE
- (S) CEILING SPEAKER
- (OS) OCCUPANCY SENSOR

REFLECTED CEILING PLAN NOTES:

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

1. OPEN TO STRUCTURE ABOVE, NO CEILING REQUIRED.
2. EXISTING CEILING TO REMAIN.
3. STEEL COLUMN GRID ALIGNMENT. — 5/A-501
4. ALIGN GRID TO THIS POINT.
5. NEW 2X4 PADS IN EXISTING 2X4 GRID
6. GYPSUM BOARD BULKHEAD. — 4/A-501
7. REPLACE EXISTING PADS AND GRID WHERE REMOVED FOR NEW WALL CONSTRUCTION. PROVIDE NEW WALL ANGLE ALONG NEW WALL.
8. HOLD FINISH FACE OF BULKHEAD BACK 2" FROM CORRIDOR FACE OF BULL NOSE CMU.
9. EXISTING LIGHT FIXTURE TO BE RELOCATED TO THIS LOCATION. REFER TO ELECTRICAL DRAWINGS.

ALTERNATE PLAN NOTES:

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

A. WHERE EXISTING WALLS HAVE BEEN EXTENDED TO DECK, SUPPORT EXISTING MAIN TEES, AND PROVIDE NEW WALL ANGLE. — 7/A-501

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

KEY PLAN

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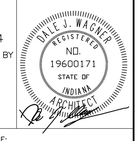
Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB



REVISIONS

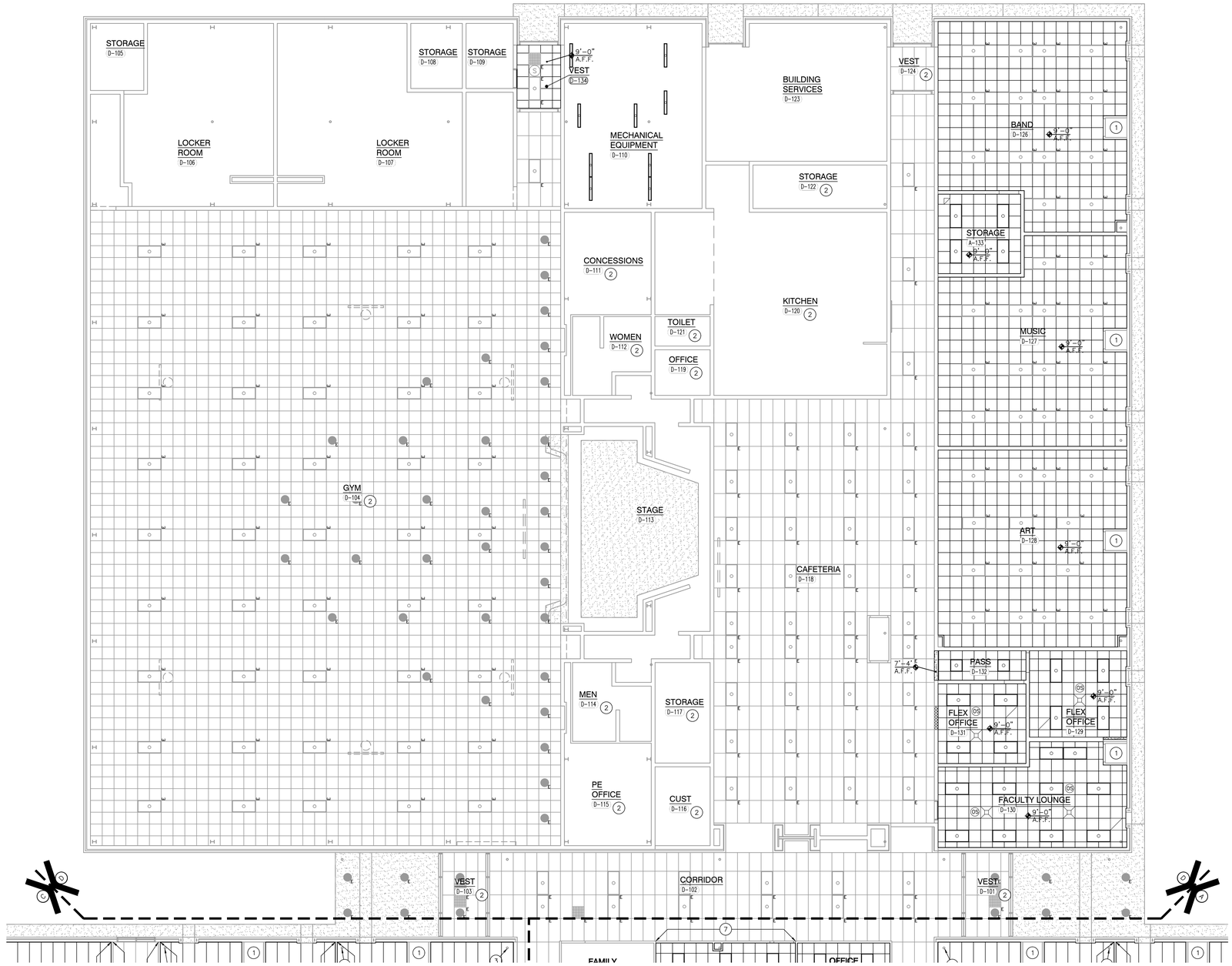
MARK	DATE	ISSUED FOR
AD.01	04/17/24	ADDENDUM NO. 01
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING
UNIT "C" FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
C
A-903

Tuesday, 4/30/2024 - 1:34 PM - LAST SAVED BY:CDAVIS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\05 ARCH\A-903.DWG



UNIT "D" FIRST FLOOR REFLECTED CEILING PLAN

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

GENERAL REFLECTED CEILING PLAN NOTES:

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

B. THE ARCHITECTURAL REFLECTED CEILING PLAN GOVERN THE LAYOUT OF ALL CEILING ELEMENTS AND PENETRATIONS.

C. BULKHEAD FRAMING SHALL BE ATTACHED TO STRUCTURAL SUPPORT FRAMING AND NOT THE ROOF DECK.

D. REFER TO FLOOR PLANS FOR WALL TYPES.

E. CEILING ACCESS PANELS INDICATED ARE NOT INTENDED TO LIMIT NUMBER OF PANELS REQUIRED. PANEL QUANTITY SHALL BE SUFFICIENT TO PROVIDE REQUIRED ACCESS WHERE NOT INDICATED ON THE DRAWINGS. VERIFY LOCATION WITH ARCHITECT PRIOR TO INSTALLING PANEL. PAINT PANEL TO MATCH ADJACENT BULKHEAD.

F. REFER TO ELECTRICAL DRAWINGS FOR ADDITIONAL CEILING MOUNTED ELECTRICAL ITEMS.

G. REFER TO TECHNOLOGY DRAWINGS FOR ADDITIONAL CEILING MOUNTED TECHNOLOGY ITEMS.

H. REFER TO MECHANICAL DRAWINGS FOR LOCATION OF CEILING DIFFUSERS, RETURN AIR GRILLS, AND CEILING CABINET HEATERS.

I. WHERE APPLICABLE COORDINATE SPRINKLER HEAD LOCATIONS WITH FIRE PROTECTION INSTALLER AND FIRE PROTECTION DRAWINGS TO BE SUBMITTED AT A LATTER DATE. FIRE PROTECTION DRAWINGS WILL INDICATE SPRINKLER HEAD TYPES AND QUANTITIES.

REFLECTED CEILING PLAN LEGEND:

(ALL SYMBOLS MAY NOT BE INDICATED ON THIS SHEET.)

AD.03

- GYPSUM CEILING OR BULKHEAD, REFER TO TYPICAL BULKHEAD DETAILS (4/A-501) AND WALL SECTIONS
- ACT1 2'-0" x 2'-0" ACOUSTICAL BOARD CEILING
- ACT2 2'-0" x 2'-0" VINYL FACED CEILING
- ACT3 2'-0" x 4'-0" ACOUSTICAL BOARD CEILING

- DOWN LIGHT
- EXIT LIGHT
- 1x4 LIGHT FIXTURE
- 2x4 LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- PENDANT LIGHT FIXTURE
- LINEAR LIGHT FIXTURE
- WALL SCONCE LIGHT FIXTURE
- SUPPLY AIR DIFFUSER
- LINEAR SUPPLY AIR DIFFUSER
- RETURN, EXHAUST, AND TRANSFER AIR GRILLE
- (S) CEILING SPEAKER
- (OS) OCCUPANCY SENSOR

REFLECTED CEILING PLAN NOTES:

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

1. OPEN TO STRUCTURE ABOVE, NO CEILING REQUIRED.
2. EXISTING CEILING TO REMAIN.
3. STEEL COLUMN GRID ALIGNMENT. — 5/A-501
4. ALIGN GRID TO THIS POINT.
5. NEW 2X4 PADS IN EXISTING 2X4 GRID
6. GYPSUM BOARD BULKHEAD. — 4/A-501
7. REPLACE EXISTING PADS AND GRID WHERE REMOVED FOR NEW WALL CONSTRUCTION. PROVIDE NEW WALL ANGLE ALONG NEW WALL.
8. HOLD FINISH FACE OF BULKHEAD BACK 2" FROM CORRIDOR FACE OF BULL NOSE CMU.
9. EXISTING LIGHT FIXTURE TO BE RELOCATED TO THIS LOCATION. REFER TO ELECTRICAL DRAWINGS.

ALTERNATE PLAN NOTES:

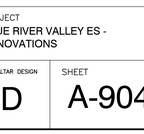
(ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)

(A) WHERE EXISTING WALLS HAVE BEEN EXTENDED TO DECK, SUPPORT EXISTING MAIN TEES, AND PROVIDE NEW WALL ANGLE. — 7/A-501

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

KEY PLAN



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PROJECT 23-147
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

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AD.01	04/17/24	ADDENDUM NO. 01
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING
UNIT "D" FIRST FLOOR REFLECTED CEILING PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
D
A-904

Tuesday, 4/30/2024 - 1:34 PM - LAST SAVED BY:CDAVIS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\05 ARCH\A-904.DWG

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E–001.
2. DISCONNECT EXISTING EQUIPMENT WITH ELECTRICAL CONNECTIONS BEING DEMOLISHED AS SHOWN ON THE ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS. THESE ITEMS INCLUDE AIR HANDLING UNITS, CABINET HEATERS, FAN POWERED BOXES, EXHAUST FANS, PUMPS, WATER HEATERS, DISPLAY CASES, ETC.

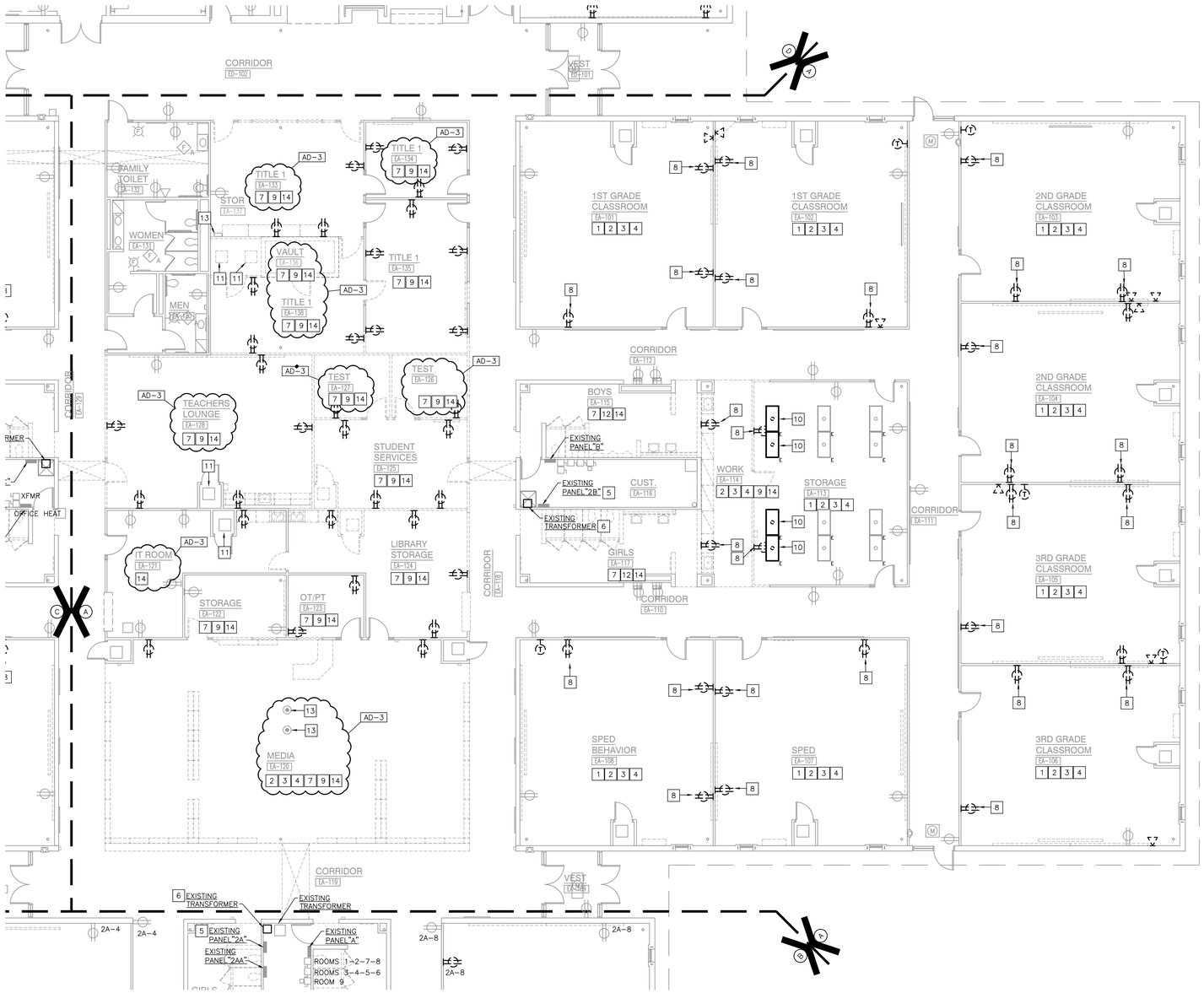
DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD–3 — 1. EXISTING WIRING DEVICES, INCLUDING FIRE ALARM SYSTEM DEVICES IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.

2. SUPPORT ALL CEILING MOUNTED DEVICES IN THIS ROOM, INCLUDING THE WIRELESS ACCESS POINTS TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.
3. SUPPORT ALL UNSUPPORTED CONDUITS AND CABLES ABOVE THE CEILING IN THIS ROOM TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.
4. SEE TECHNOLOGY DRAWINGS FOR TECHNOLOGY DEMOLITION WORK.
5. REPLACE EXISTING PANELBOARD WITH NEW PANELBOARD. INTERCEPT EXISTING CIRCUITS SERVING EXISTING EQUIPMENT/DEVCIES, THAT REMAIN, AND EXTEND TO THE NEW PANELBOARD "2A". REMOVE EXISTING FEEDER BACK TO THE SOURCE.
6. REMOVE THE EXISTING TRANSFORMER AND SECONDARY FEEDER TO PANELBOARD AND REMOVE THE EXISTING PRIMARY FEEDER TO THE SOURCE.
7. REMOVE EXISTING RECEPTACLES IN THIS ROOM AND REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER RECEPTACLES, THAT REMAIN, IN SERVICE, UNLESS OTHERWISE NOTED.
8. REMOVE EXISTING RECEPTACLE AND REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER RECEPTACLES, THAT REMAIN, IN SERVICE, UNLESS OTHERWISE NOTED.
9. REMOVE EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM. REMOVE ASSOCIATED WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES ON THIS CIRCUIT, THAT REMAIN, IN SERVICE.
10. RELOCATE EXISTING LIGHTING FIXTURE AND RECONNECT TO EXISTING LIGHTING FIXTURE AND CONTROLS. SEE SHEET E–101 FOR NEW LOCATION.
11. DISCONNECT ELECTRICAL SERVICE TO THE EXISTING HEAT PUMP AND REMOVE ANY CONDUIT AND WIRE NOT BEING REUSED TO PROVIDE NEW ELECTRICAL SERVICE TO THE RELOCATED HEAT PUMP IN SUCH A MANNER AS TO KEEP ANY OTHER HEAT PUMP ON THIS CIRCUIT IN SERVICE. RELOCATE ELECTRICAL DISCONNECT TO NEW LOCATION OF RELOCATED HEAT PUMP. SEE SHEET E–201 FOR NEW LOCATION AND ELECTRICAL SERVICE TO RELOCATED HEAT PUMP.
12. REMOVE EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM. REMOVE ASSOCIATED WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES ON THIS CIRCUIT, THAT REMAIN, IN SERVICE. RELOCATE THE EXISTING LIGHTING FIXTURES. SEE SHEET E–101 FOR NEW LOCATIONS.
13. REMOVE EXISTING FLOOR OUTLETS. REMOVE EXISTING CONDUIT AND WIRE BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER RECEPTACLES, THAT REMAIN, IN SERVICE. CONDUITS CONCEALED IN THE FLOOR MAY BE ABANDONED IN PLACE AND ALL OTHER CONDUITS SHALL B REMOVED

AD–3 — 14. REMOVE EXISTING FIRE ALARM DEVICES IN THIS ROOM AND REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER FIRE ALARM DEVICS, THAT REMAIN, IN SERVICE, UNLESS OTHERWISE NOTED.



UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

SCALE: 1/8" = 1'–0"

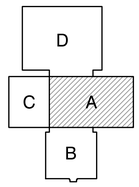
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23–147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB'JC
CHECKED BY DJW

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD–3	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "A" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
ED101

Tuesday, 4/23/2024 – 2:24 PM – LAST SAVED BY:JCHAMBERS
Y:\23-147 BLUE RIVER VALLEY SC – BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\09 ELEC\ED101.DWG

GENERAL ELECTRICAL DEMOLITION NOTES:

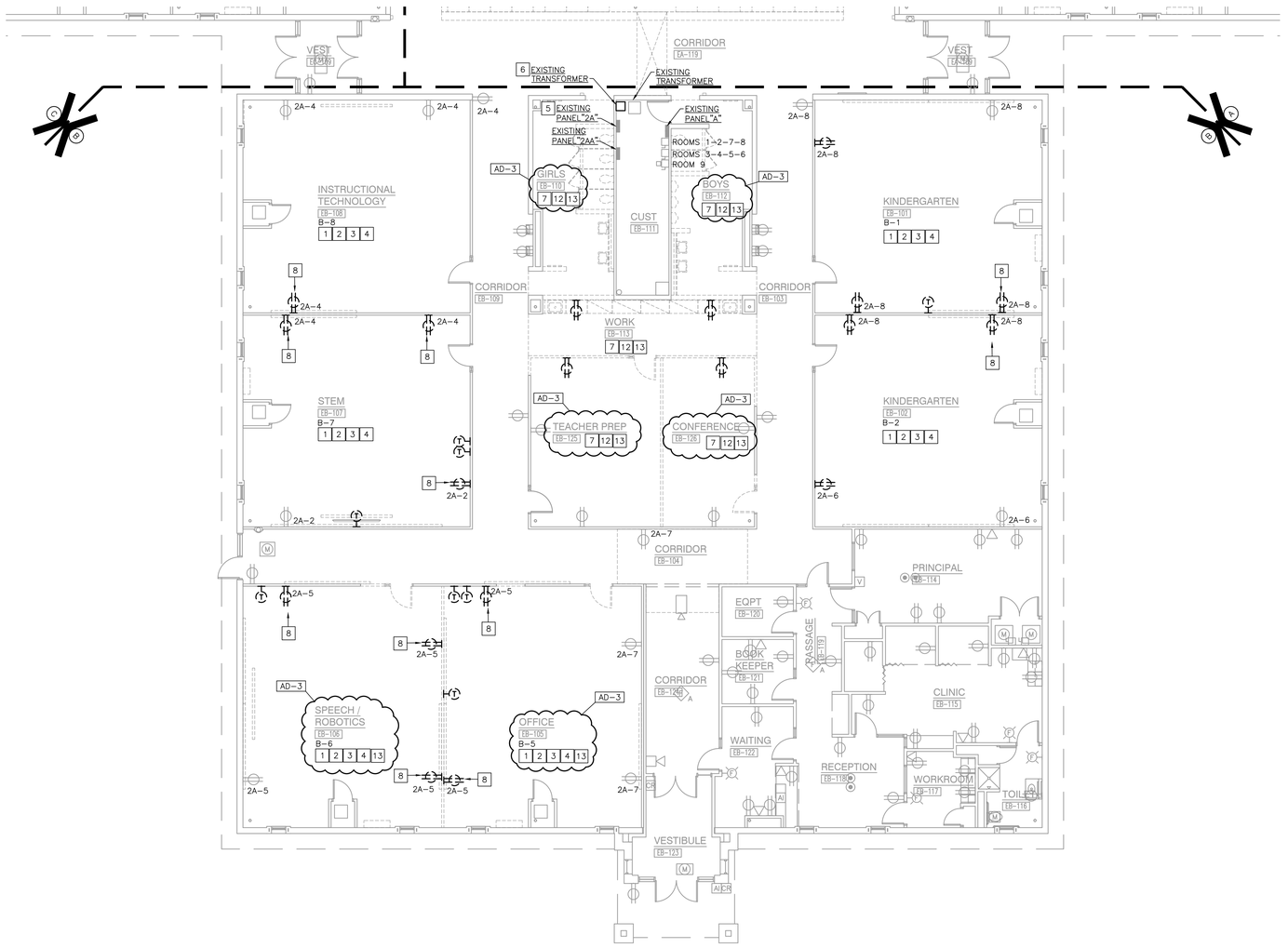
1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. DISCONNECT EXISTING EQUIPMENT WITH ELECTRICAL CONNECTIONS BEING DEMOLISHED AS SHOWN ON THE ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS. THESE ITEMS INCLUDE AIR HANDLING UNITS, CABINET HEATERS, FAN POWERED BOXES, EXHAUST FANS, PUMPS, WATER HEATERS, DISPLAY CASES, ETC.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-3
1. EXISTING WIRING DEVICES, INCLUDING FIRE ALARM SYSTEM DEVICES IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.
2. SUPPORT ALL CEILING MOUNTED DEVICES IN THIS ROOM, INCLUDING THE WIRELESS ACCESS POINTS TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.
3. SUPPORT ALL UNSUPPORTED CONDUITS AND CABLES ABOVE THE CEILING IN THIS ROOM TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.
4. SEE TECHNOLOGY DRAWINGS FOR TECHNOLOGY DEMOLITION WORK.
5. REPLACE EXISTING PANELBOARD WITH NEW PANELBOARD. INTERCEPT EXISTING CIRCUITS SERVING EXISTING EQUIPMENT/DEVCIES, THAT REMAIN, AND EXTEND TO THE NEW PANELBOARD "2A". REMOVE EXISTING FEEDER BACK TO THE SOURCE.
6. REMOVE THE EXISTING TRANSFORMER AND SECONDARY FEEDER TO PANELBOARD AND REMOVE THE EXISTING PRIMARY FEEDER TO THE SOURCE.
7. REMOVE EXISTING RECEPTACLES IN THIS ROOM AND REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER RECEPTACLES, THAT REMAIN, IN SERVICE, UNLESS OTHERWISE NOTED.
8. REMOVE EXISTING RECEPTACLE AND REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER RECEPTACLES, THAT REMAIN, IN SERVICE, UNLESS OTHERWISE NOTED.
9. REMOVE EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM. REMOVE ASSOCIATED WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES ON THIS CIRCUIT, THAT REMAIN, IN SERVICE.
10. RELOCATE EXISTING LIGHTING FIXTURE AND RECONNECT TO EXISTING LIGHTING FIXTURE AND CONTROLS. SEE SHEET E-101 FOR NEW LOCATION.
11. DISCONNECT ELECTRICAL SERVICE TO THE EXISTING HEAT PUMP AND REMOVE ANY CONDUIT AND WIRE NOT BEING REUSED TO PROVIDE NEW ELECTRICAL SERVICE TO THE RELOCATED HEAT PUMP IN SUCH A MANNER AS TO KEEP ANY OTHER HEAT PUMP ON THIS CIRCUIT IN SERVICE. RELOCATE ELECTRICAL DISCONNECT TO NEW LOCATION OF RELOCATED HEAT PUMP. SEE SHEET E-201 FOR NEW LOCATION AND ELECTRICAL SERVICE TO RELOCATED HEAT PUMP.
12. REMOVE EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM. REMOVE ASSOCIATED WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES ON THIS CIRCUIT, THAT REMAIN, IN SERVICE. RELOCATE THE EXISTING LIGHTING FIXTURES. SEE SHEET E-101 FOR NEW LOCATIONS.

AD-3
13. REMOVE EXISTING FIRE ALARM DEVICES IN THIS ROOM AND REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER FIRE ALARM DEVICS, THAT REMAIN, IN



UNIT "B" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

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

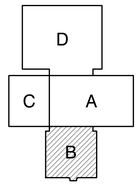
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB'JC
CHECKED BY DJW

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "B" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
B ED102

Tuesday, 4/23/2024 - 2:19 PM - LAST SAVED BY:JCHAMBERS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\09 ELEC\ED102.DWG

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. DISCONNECT EXISTING EQUIPMENT WITH ELECTRICAL CONNECTIONS BEING DEMOLISHED AS SHOWN ON THE ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS. THESE ITEMS INCLUDE AIR HANDLING UNITS, CABINET HEATERS, FAN POWERED BOXES, EXHAUST FANS, PUMPS, WATER HEATERS, DISPLAY CASES, ETC.

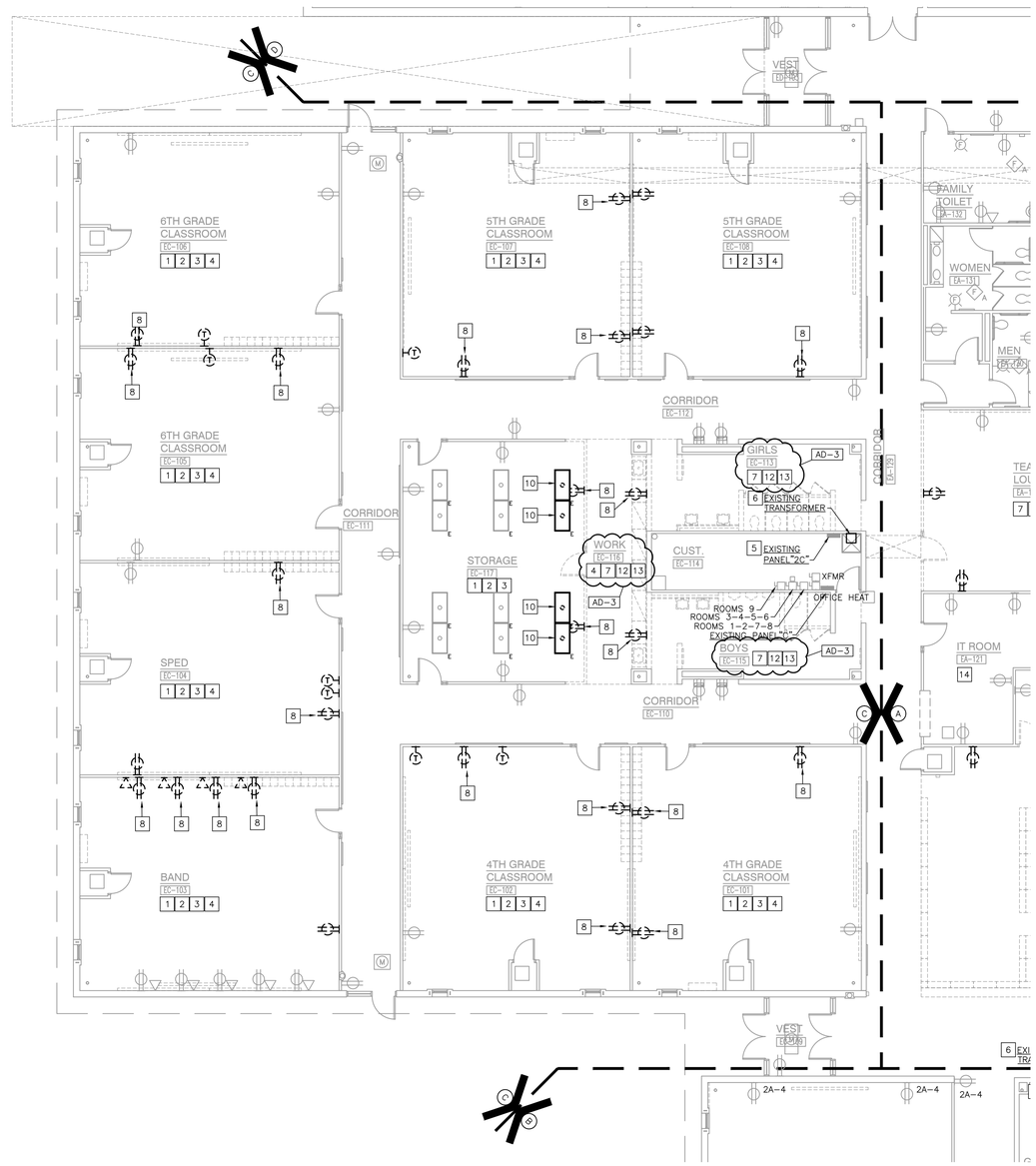
DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-3 — 1. EXISTING WIRING DEVICES, INCLUDING FIRE ALARM SYSTEM DEVICES IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.

2. SUPPORT ALL CEILING MOUNTED DEVICES IN THIS ROOM, INCLUDING THE WIRELESS ACCESS POINTS TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.
3. SUPPORT ALL UNSUPPORTED CONDUITS AND CABLES ABOVE THE CEILING IN THIS ROOM TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.
4. SEE TECHNOLOGY DRAWINGS FOR TECHNOLOGY DEMOLITION WORK.
5. REPLACE EXISTING PANELBOARD WITH NEW PANELBOARD. INTERCEPT EXISTING CIRCUITS SERVING EXISTING EQUIPMENT/DEVCIES, THAT REMAIN, AND EXTEND TO THE NEW PANELBOARD "2A". REMOVE EXISTING FEEDER BACK TO THE SOURCE.
6. REMOVE THE EXISTING TRANSFORMER AND SECONDARY FEEDER TO PANELBOARD AND REMOVE THE EXISTING PRIMARY FEEDER TO THE SOURCE.
7. REMOVE EXISTING RECEPTACLES IN THIS ROOM AND REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER RECEPTACLES, THAT REMAIN, IN SERVICE, UNLESS OTHERWISE NOTED.
8. REMOVE EXISTING RECEPTACLE AND REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER RECEPTACLES, THAT REMAIN, IN SERVICE, UNLESS OTHERWISE NOTED.
9. REMOVE EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM. REMOVE ASSOCIATED WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES ON THIS CIRCUIT, THAT REMAIN, IN SERVICE.
10. RELOCATE EXISTING LIGHTING FIXTURE AND RECONNECT TO EXISTING LIGHTING FIXTURE AND CONTROLS. SEE SHEET E-101 FOR NEW LOCATION.
11. DISCONNECT ELECTRICAL SERVICE TO THE EXISTING HEAT PUMP AND REMOVE ANY CONDUIT AND WIRE NOT BEING REUSED TO PROVIDE NEW ELECTRICAL SERVICE TO THE RELOCATED HEAT PUMP IN SUCH A MANNER AS TO KEEP ANY OTHER HEAT PUMP ON THIS CIRCUIT IN SERVICE. RELOCATE ELECTRICAL DISCONNECT TO NEW LOCATION OF RELOCATED HEAT PUMP. SEE SHEET E-201 FOR NEW LOCATION AND ELECTRICAL SERVICE TO RELOCATED HEAT PUMP.
12. REMOVE EXISTING LIGHTING FIXTURES AND CONTROLS IN THIS ROOM. REMOVE ASSOCIATED WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES ON THIS CIRCUIT, THAT REMAIN, IN SERVICE. RELOCATE THE EXISTING LIGHTING FIXTURES. SEE SHEET E-101 FOR NEW LOCATIONS.

AD-3 — 13. REMOVE EXISTING FIRE ALARM DEVICES IN THIS ROOM AND REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER FIRE ALARM DEVICS, THAT REMAIN, IN SERVICE, UNLESS OTHERWISE NOTED.



UNIT "C" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

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

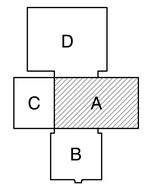
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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Phone 317.580.5777 Fax 317.580.5778

PROJECT 23-147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB'JC
CHECKED BY DJW

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

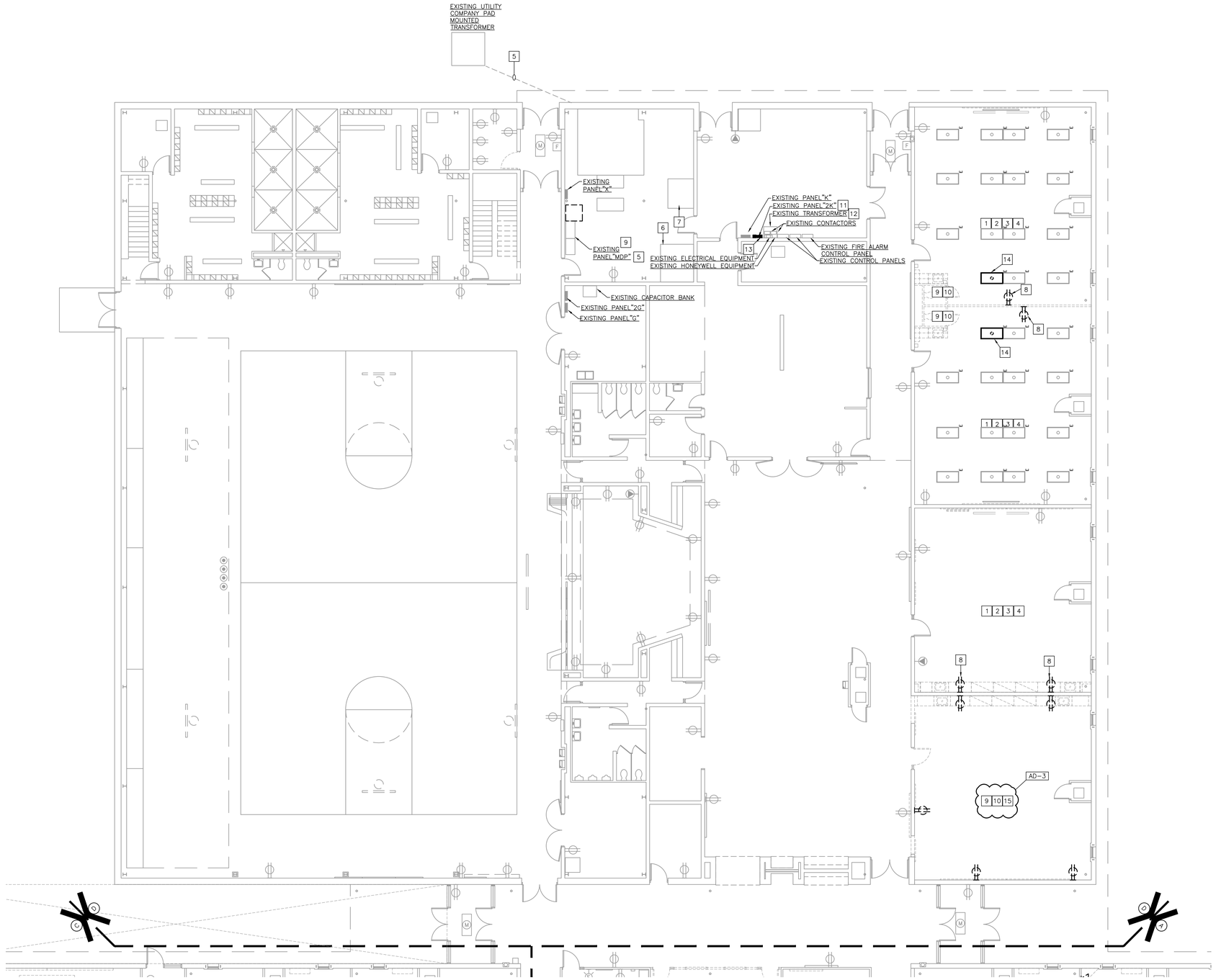
MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "C" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
C ED103

Tuesday, 4/23/2024 - 2:13 PM - LAST SAVED BY:JCHAMBERS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\09 ELEC\ED103.DWG



UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

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

GENERAL ELECTRICAL DEMOLITION NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL DEMOLITION NOTES SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. DISCONNECT EXISTING EQUIPMENT WITH ELECTRICAL CONNECTIONS BEING DEMOLISHED AS SHOWN ON THE ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS. THESE ITEMS INCLUDE AIR HANDLING UNITS, CABINET HEATERS, FAN POWERED BOXES, EXHAUST FANS, PUMPS, WATER HEATERS, DISPLAY CASES, ETC.

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

AD-3 | 1 | EXISTING WIRING DEVICES, INCLUDING FIRE ALARM SYSTEM DEVICES IN THIS ROOM SHALL REMAIN, UNLESS OTHERWISE NOTED.

2 | SUPPORT ALL CEILING MOUNTED DEVICES IN THIS ROOM, INCLUDING THE WIRELESS ACCESS POINTS TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.

3 | SUPPORT ALL UNSUPPORTED CONDUITS AND CABLES ABOVE THE CEILING IN THIS ROOM TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.

4 | SEE TECHNOLOGY DRAWINGS FOR TECHNOLOGY DEMOLITION WORK.

5 | PROVIDE ALL LABOR AND MATERIAL TO REMOVE EXISTING MAIN SWITCH AND SWITCH ENCLOSURE ON EXISTING EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" AND PREPARE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" TO ACCEPT NEW FEEDER CONDUITS AND WIRE. THE OTHER TWO EXISTING DISTRIBUTION SECTIONS OF THE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" SHALL REMAIN. PROVIDE THE APPROPRIATE END PLATE ON THE EXISTING DISTRIBUTION SECTIONS. REMOVE EXISTING INCOMING ELECTRICAL SERVICE FEEDER CONDUITS AND WIRES FROM THE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" TO THE UTILITY COMPANY TRANSFORMER. EXISTING INCOMING ELECTRICAL SERVICE CONDUITS CONCEALED UNDERGROUND MAY BE ABANDONED BUT ALL OF THE CONDUCTORS AND ANY EXPOSED CONDUITS SHALL BE REMOVED BACK TO THE SOURCE. FEED TO FIRE PUMP AND EMERGENCY PANEL SHALL REMAIN.

6 | DISCONNECT ELECTRICAL SERVICE TO THE EXISTING WATER HEATER BEING REMOVED. REMOVE ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE, UNLESS OTHERWISE NOTED.

7 | DISCONNECT ELECTRICAL SERVICE TO THE EXISTING BOILER BEING REMOVED. REMOVE ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE, UNLESS OTHERWISE NOTED. (ALTERNATE BID).

8 | REMOVE EXISTING RECEPTACLE AND REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER RECEPTACLES ON THIS CIRCUIT, THAT REMAIN, IN SERVICE.

9 | REMOVE EXISTING LIGHTING FIXTURE AND CONTROLS IN THIS ROOM. REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES AND RECEPTACLES ON THIS CIRCUIT, THAT REMAIN, IN SERVICE.

10 | REMOVE EXISTING WIRING DEVICES IN THIS ROOM. REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES AND RECEPTACLES ON THIS CIRCUIT, THAT REMAIN, IN SERVICE.

11 | REPLACE EXISTING PANELBOARD "2K" WITH NEW PANELBOARD "2K". INTERCEPT EXISTING CIRCUITS SERVING EXISTING EQUIPMENT/DEVICES, THAT REMAIN, AND EXTEND TO THE NEW PANELBOARD "2K". REMOVE EXISTING FEEDER BACK TO THE EXISTING TRANSFORMER BEING REPLACED.

12 | REMOVE THE EXISTING TRANSFORMER AND SECONDARY FEEDER TO PANELBOARD AND REMOVE THE EXISTING PRIMARY FEEDER TO THE SOURCE.

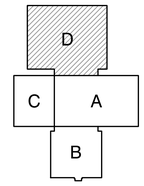
13 | RELOCATE THE EXISTING ELECTRICAL EQUIPMENT LOCATED BENEATH THE EXISTING PANEBOARD "2K" BEING REPLACED TO ACCOMMODATE THE INSTALLATION OF THE NEW PANELBOARD "2K".

14 | REMOVE EXISTING LIGHTING FIXTURE. REMOVE ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER LIGHTING FIXTURES ON THIS CIRCUIT, THAT REMAIN, IN SERVICE.

AD-3 | 15 | REMOVE EXISTING FIRE ALARM DEVICES IN THIS ROOM AND REMOVE ASSOCIATED CONDUIT AND WIRING BACK TO THE SOURCE IN SUCH A MANNER AS TO KEEP ALL OTHER FIRE ALARM DEVICS, THAT REMAIN, IN SERVICE, UNLESS OTHERWISE NOTED.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB'JC
CHECKED BY DJW

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR DEMOLITION PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
D
ED104

Tuesday, 4/23/2024 - 2:38 PM - LAST SAVED BY:JCHAMBERS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\09 ELEC\ED104.DWG

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
4. COORDINATE AND VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF ALL VOICE/DATA AMD VIDEO OUTLETS WITH OWNER, CONSTRUCTION MANAGER AND ARCHITECT PRIOR TO ROUGHING-IN.

ELECTRICAL PLAN NOTES:

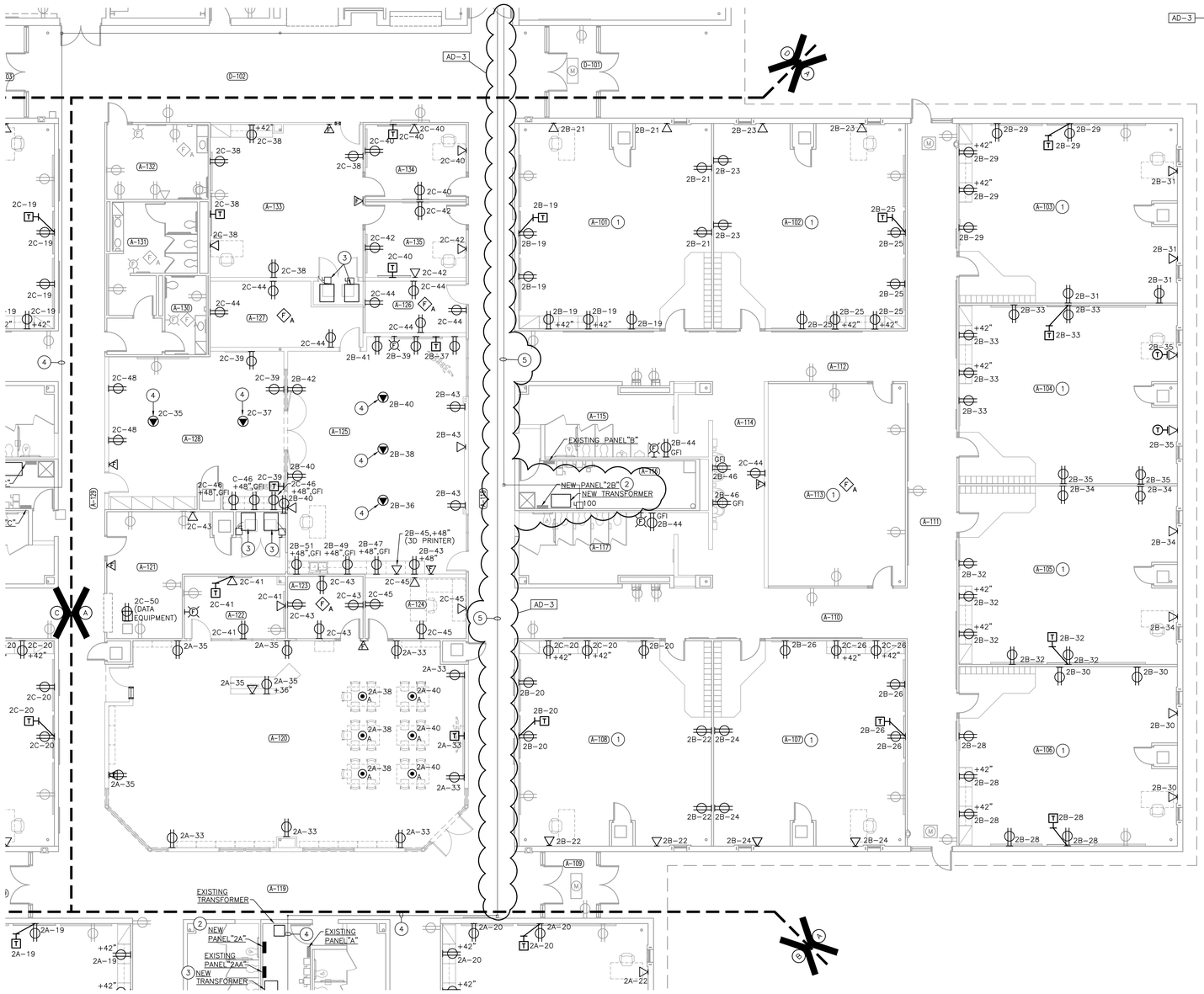
(ALL PLAN NOTES MAY NOT APPLY TO THIS SHEET.)

1. REINSTALL ALL EXISTING CEILING MOUNTED DEVICES IN THIS ROOM, INCLUDING THE WIRELESS ACCESS POINTS TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.
2. REPLACE EXISTING PANELBOARD WITH NEW PANELBOARD. INTERCEPT EXISTING CIRCUITS SERVING EXISTING EQUIPMENT/DEVCIES, THAT REMAIN, AND EXTEND TO THE NEW PANELBOARD "2A". SEE POWER DISTRIBUTION DIAGRAM FOR FEEDER INFORMATION.
3. RELOCATE EXISTING HEAT PUMP DISCONNECT TO THIS ROOM. COORDINATE LOCATION TO ENSURE INSTALLATION MEETS ALL CODE REQUIRED WORKING SPACE REQUIREMENTS. PROVIDE ALL LABOR AND MATERIAL TO CONNECT THE RELOCATED HEAT PUMP TO THE EXISTING RELOCATED HEAT PUMP CIRCUIT.
4. PROVIDE INDUSTRIAL POWER CORD REELS WITH TWO 20 AMP DUPLEX RECEPTACLES (HUBBELL HBL45123R220). CORD REEL IS TO BE SUPPORTED FROM THE STRUCTURE ABOVE. PROVIDE CEILING MOUNTED DUPLEX RECEPTACLE ADJACENT TO THE REEL CORD AND CONNECT TO CIRCUIT AS INDICATED. SEE DETAIL ON SHEET E-501.
5. PROPOSED ROUTING FOR FEEDERS AND PULL BOXES. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION TO DETERMINE THE BEST PATH FOR ROUTING THE FEEDERS. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING EXISTING CEILINGS AS NECESSARY TO ACCOMMODATE THE ELECTRICAL WORK.

AD-3

ROOM LEGEND

ROOM NO.	ROOM NAME
A-101	CLASSROOM
A-102	CLASSROOM
A-103	CLASSROOM
A-104	CLASSROOM
A-105	CLASSROOM
A-106	CLASSROOM
A-107	CLASSROOM
A-108	CLASSROOM
A-109	VESTIBULE
A-110	CORRIDOR
A-111	CORRIDOR
A-112	CORRIDOR
A-113	STORAGE
A-114	PASSAGE
A-115	BOYS
A-116	CUSTODIAN
A-117	GIRLS
A-118	CORRIDOR
A-119	CORRIDOR
A-120	MEDIA
A-121	IT ROOM
A-122	SGI
A-123	STORAGE
A-124	OFFICE
A-125	STEM
A-126	STORAGE
A-127	STORAGE
A-128	ROBOTICS
A-129	CORRIDOR
A-130	MEN
A-131	WOMEN
A-132	FAMILY TOILET
A-133	TITLE 1
A-134	OFFICE
A-135	OFFICE



UNIT "A" ELECTRICAL FIRST FLOOR POWER PLAN

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

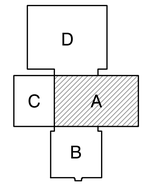
NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



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PROJECT 23-147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJW

DALE J. WAGLER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING

UNIT "A" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET A E-201

Tuesday, 4/23/2024 - 3:14 PM - LAST SAVED BY:JCHAMBERS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\09 ELEC\E-201.DWG

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
4. COORDINATE AND VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF ALL VIDEO OUTLETS WITH OWNER, CONSTRUCTION MANAGER AND ARCHITECT PRIOR TO ROUGHING-IN.

ELECTRICAL PLAN NOTES:

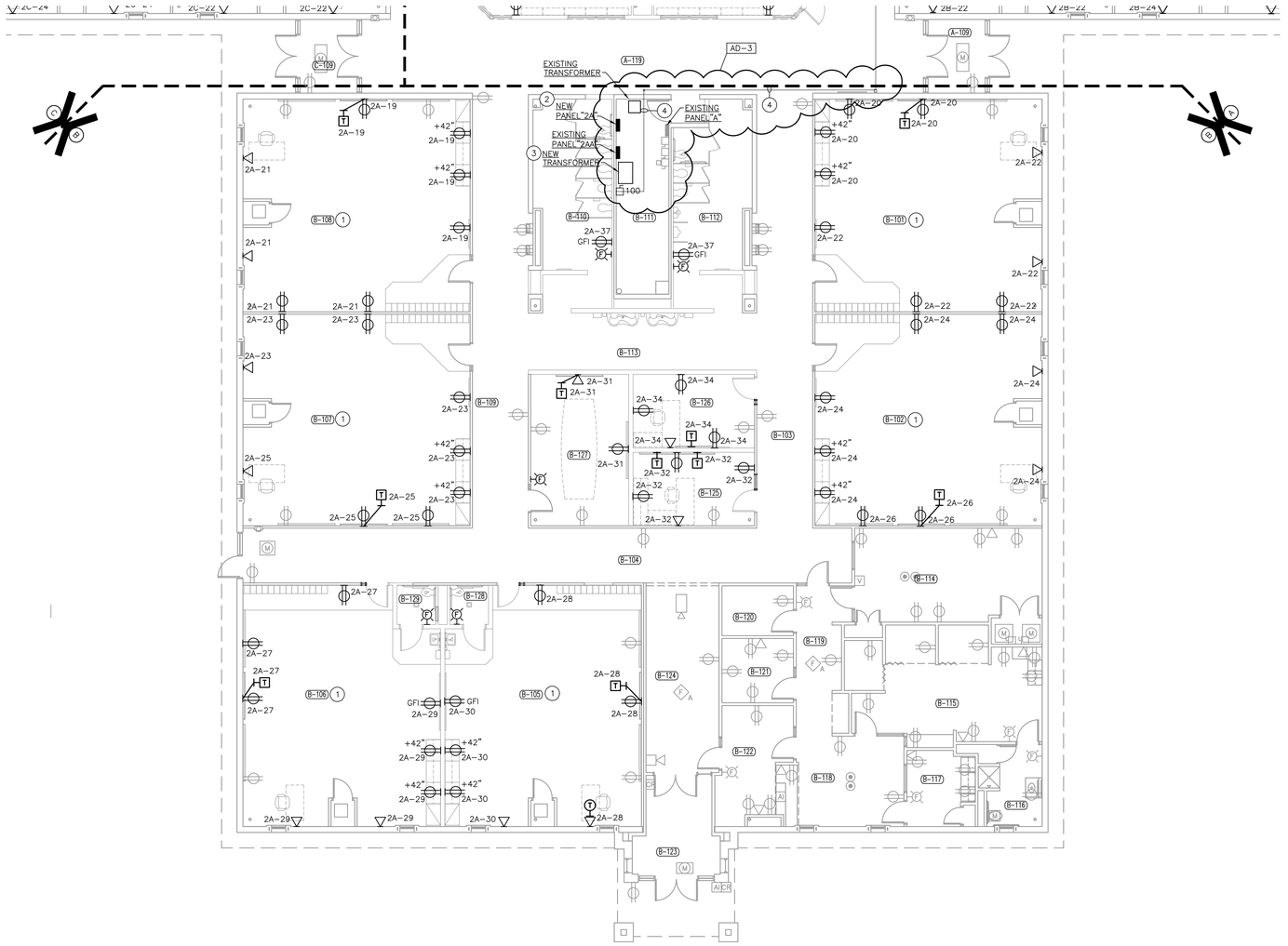
(ALL PLAN NOTES MAY NOT APPLY TO THIS SHEET.)

1. REINSTALL ALL EXISTING CEILING MOUNTED DEVICES IN THIS ROOM, INCLUDING THE WIRELESS ACCESS POINTS TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.
2. REPLACE EXISTING PANELBOARD WITH NEW PANELBOARD. INTERCEPT EXISTING CIRCUITS SERVING EXISTING EQUIPMENT/DEVCIES, THAT REMAIN, AND EXTEND TO THE NEW PANELBOARD "2A". SEE POWER DISTRIBUTION DIAGRAM FOR FEEDER INFORMATION. COORDINATE INSTALLATION OF THE NEW PANELBOARD WITH OTHER EQUIPMENT AND PIPING IN THE ROOM AND PROVIDE ALL LABOR AND MATERIAL TO PROPERLY INSTALL THE NEW PANELBOARD IN SUCH A MANNER AS TO BE ALL APPLICABLE CODES AND WORKING SPACE CLEARANCES REQUIREMENTS..
3. COORDINATE LOCATION AND INSTALLATION OF THE NEW TRANSFORMER WITH OTHER EQUIPMENT AND PIPING IN THE ROOM AND PROVIDE ALL LABOR AND MATERIAL TO PROPERLY INSTALL THE NEW TRANSFORMER IN SUCH A MANNER AS TO BE ALL APPLICABLE CODES AND WORKING SPACE CLEARANCES REQUIREMENTS.
4. PROPOSED ROUTING FOR FEEDERS AND PULL BOXES. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION TO DETERMINE THE BEST PATH FOR ROUTING THE FEEDERS. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING EXISTING CEILINGS AS NECESSARY TO ACCOMMODATE THE ELECTRICAL WORK.

AD-3

ROOM LEGEND

ROOM NO.	ROOM NAME
B-101	CLASSROOM
B-102	CLASSROOM
B-103	CORRIDOR
B-104	CORRIDOR
B-105	CLASSROOM
B-106	CLASSROOM
B-107	CLASSROOM
B-108	CLASSROOM
B-109	CORRIDOR
B-110	GIRLS
B-111	CUSTODIAN
B-112	BOYS
B-113	PASSAGE
B-114	PRINCIPAL
B-115	CLINIC
B-116	TOILET
B-117	WORKROOM
B-118	RECEPTION
B-119	PASSAGE
B-120	EQUIPMENT
B-121	BOOK KEEPER
B-122	WAITING
B-123	VESTIBULE
B-124	CORRIDOR
B-125	SRO
B-126	SPEECH
B-127	CONFERENCE
B-128	TOILET
B-129	TOILET



UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN

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

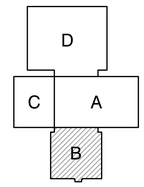
NORTH

GIBRALTAR
DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



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PROJECT 23-147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJW

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "B" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

B

SHEET
E-202

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
4. COORDINATE AND VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF ALL VIDEO OUTLETS WITH OWNER, CONSTRUCTION MANAGER AND ARCHITECT PRIOR TO ROUGHING-IN.

ELECTRICAL PLAN NOTES:

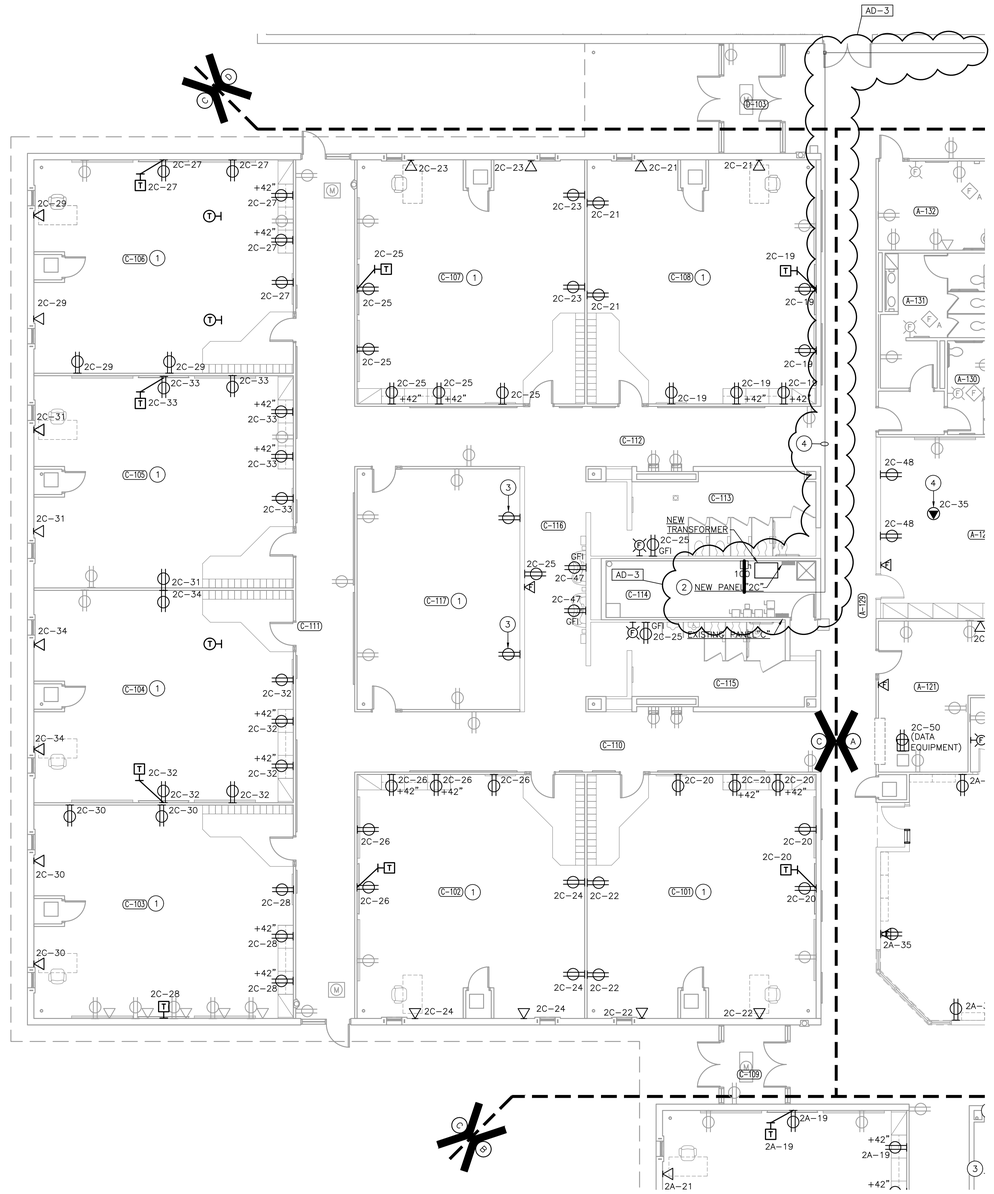
(ALL PLAN NOTES MAY NOT APPLY TO THIS SHEET.)

1. REINSTALL ALL EXISTING CEILING MOUNTED DEVICES IN THIS ROOM, INCLUDING THE WIRELESS ACCESS POINTS TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.
2. REPLACE EXISTING PANELBOARD WITH NEW PANELBOARD. INTERCEPT EXISTING CIRCUITS SERVING EXISTING EQUIPMENT/DEVCIES, THAT REMAIN, AND EXTEND TO THE NEW PANELBOARD "2A". SEE POWER DISTRIBUTION DIAGRAM FOR FEEDER INFORMATION.
3. CONNECT NEW RECEPTACLES TO THE EXISTING CIRCUIT SERVING THE EXISTING RECEPTACLES IN THIS ROOM.
4. PROPOSED ROUTING FOR FEEDERS AND PULL BOXES. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION TO DETERMINE THE BEST PATH FOR ROUTING THE FEEDERS. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING EXISTING CEILINGS AS NECESSARY TO ACCOMMODATE THE ELECTRICAL WORK.

AD-3

ROOM LEGEND

ROOM NO.	ROOM NAME
C-101	CLASSROOM
C-102	CLASSROOM
C-103	CLASSROOM
C-104	CLASSOOM
C-105	CLASSROOM
C-106	CLASSROOM
C-107	CLASSROOM
C-108	CLASSROOM
C-109	VESTIBULE
C-110	CORRIDOR
C-111	CORRIDOR
C-112	CORRIDOR
C-113	GIRLS
C-114	CUSTODIAN
C-115	BOYS
C-116	PASSAGE
C-117	STORAGE



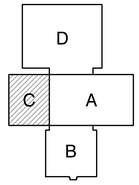
UNIT "C" ELECTRICAL FIRST FLOOR POWER PLAN

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

NORTH

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJW

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

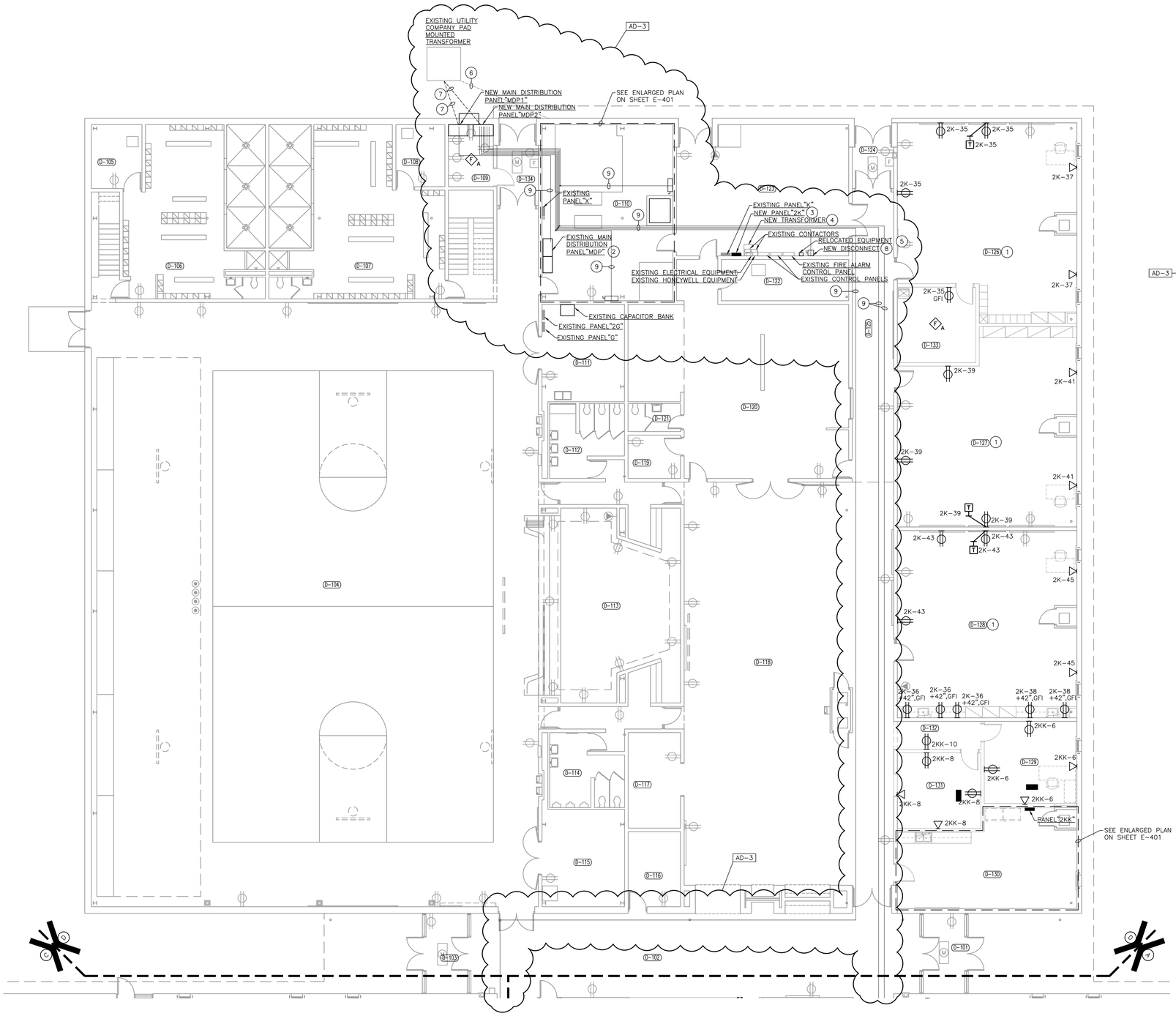
MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "C" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
C E-203

Tuesday, 4/23/2024 - 4:38 PM - LAST SAVED BY:JCHAMBERS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\09 ELEC\E-203.DWG



UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN

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

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
4. COORDINATE AND VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF ALL VIDEO OUTLETS WITH OWNER, CONSTRUCTION MANAGER AND ARCHITECT PRIOR TO ROUGHING-IN.

ELECTRICAL PLAN NOTES:

(ALL PLAN NOTES MAY NOT APPLY TO THIS SHEET.)

1. REINSTALL ALL EXISTING CEILING MOUNTED DEVICES IN THIS ROOM, INCLUDING THE WIRELESS ACCESS POINTS TO ACCOMMODATE INSTALLATION OF THE NEW CEILINGS.
2. PROVIDE ALL LABOR AND MATERIAL TO CONNECT DISTRIBUITON SECTIONS OF THE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" TO NEW MAIN DISTRIBUTION PANEL "MDP1". SEE POWER DISTRIBUTION DIAGRAM FOR FEEDER INFORMATION. PROVIDE THE APPROPRIATE END PLATE ON THE EXISTING DISTRIBUTION SECTIONS.
3. REPLACE EXISTING PANELBOARD "2K" WITH NEW PANELBOARD "2K". INTERCEPT EXISTING CIRCUITS SERVING EXISTING EQUIPMENT/DEVICES, THAT REMAIN, AND EXTEND TO THE NEW PANELBOARD "2K". SEE POWER DISTRIBUTION DIAGRAM FOR FEEDER INFORMATION.
4. REPLACE THE WALL MOUNTED TRANSFORMER WITH A NEW WALL MOUNTED TRANSFORMER. PROVIDE ALL THE LABOR AND MATERIAL NECESSARY TO PROPERLY SUPPORT THE NEW TRANSFORMER. SEE POWER DISTRIBUTION DIAGRAM FOR FEEDER INFORMATION.
5. RELOCATED EXISTING ELECTRICAL EQUIPMENT PREVIOUSLY LOCATED BENEATH THE EXISTING PANEBOARD "2K" BEING REPLACED. INTERCEPT ALL EXISTING CONDUIT AND WIRE CONNECTED TO THIS EXISTING PIECE OF EQUIPMENT BEING RELOCATED AND EXTEND TO THE NEW LOCATION. COORDINATE NEW LOCATION WITH EXISTING EQUIPMENT ON THIS WALL TO ALLOW FOR THIS PIECE OF EQUIPMENT TO BE INSTALLED PROPERLY AND MEET ALL APPLICABLE CODES AND WORKING SPACE CLEARANCE REQUIREMENTS.
6. EXISTING FEEDS TO FIRE PUMP AND EMERGENCY PANEL SHALL REMAIN.
7. NEW SECONDARY FEEDERS TO NEW MAIN DISTRIBUTION PANELBOARDS. SEE POWER DISTRIBUTION DIAGRAM ON SHEET E-701 FOR FEEDER INFORMATION.

AD-3

8. NEW DISCONNECT FOR THE PRIMARY FEED TO NEW 75 KVA TRANSFORMER. SEE POWER DISTRIBUTION DIAGRAM ON SHEET E-701 FOR FEEDER INFORMATION.
9. PROPOSED ROUTING FOR FEEDERS AND PULL BOXES. CONTRACTOR SHALL FIELD VERIFY EXISTING CONDITION TO DETERMINE THE BEST PATH FOR ROUTING THE FEEDERS. CONTRACTOR IS RESPONSIBLE FOR REMOVING AND REPLACING EXISTING CEILINGS AS NECESSARY TO ACCOMMODATE THE ELECTRICAL WORK.

ROOM LEGEND

ROOM NO.	ROOM NAME
D-101	VESTIBULE
D-102	CORRIDOR
D-103	VESTIBULE
D-104	GYMNASIUM
D-105	STORAGE
D-106	LOCKER ROOM
D-107	LOCKER ROOM
D-108	STORAGE
D-109	ELECTRICAL
D-110	MECH. EQUIPMENT
D-111	CONCESSIONS
D-112	WOMEN
D-113	STAGE
D-114	MEN
D-115	PE OFFICE
D-116	CUSTODIAN
D-117	STORAGE
D-118	CAFETERIA
D-119	OFFICE
D-120	KITCHEN
D-121	TOILET
D-122	STORAGE
D-123	BUILDING SERVICES
D-124	VESTIBULE
D-125	CORRIDOR
D-126	BAND
D-127	MUSIC
D-128	ART
D-129	FLEX OFFICE
D-130	FACULTY LOUNGE
D-131	FLEX OFFICE
D-132	PASSAGE
D-133	STORAGE
D-134	VESTIBULE

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

KEY PLAN

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PROJECT 23-147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJW

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "D" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
D
E-204

Tuesday, 4/23/2024 - 5:13 PM - LAST SAVED BY:JCHAMBERS
Y:\23-147 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY ES RENOVATIONS\23-147 DRAWINGS\09 ELEC\E-204.DWG

DEMOLITION PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. DISCONNECT ELECTRICAL SERVICE TO THE EXISTING WATER HEATER BEING REMOVED. REMOVE ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE, UNLESS OTHERWISE NOTED.
2. DISCONNECT ELECTRICAL SERVICE TO THE EXISTING BOILER BEING REMOVED. REMOVE ALL ASSOCIATED CONDUIT AND WIRE BACK TO THE SOURCE, UNLESS OTHERWISE NOTED. (ALTERNATE BID)/
3. PROVIDE ALL LABOR AND MATERIAL TO REMOVE EXISTING MAIN SWITCH AND SWITCH ENCLOSURE ON EXISTING EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" AND PREPARE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" TO ACCEPT NEW FEEDER CONDUITS AND WIRE. THE OTHER TWO EXISTING DISTRIBUTION SECTIONS OF THE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" SHALL REMAIN. PROVIDE THE APPROPRIATE END PLATE ON THE EXISTING DISTRIBUTION SECTIONS. REMOVE EXISTING INCOMING ELECTRICAL SERVICE FEEDER CONDUITS AND WIRES FROM THE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" TO THE UTILITY COMPANY TRANSFORMER. EXISTING INCOMING ELECTRICAL SERVICE CONDUITS CONCEALED UNDERGROUND MAY BE ABANDONED BUT ALL OF THE CONDUCTORS AND ANY EXPOSED CONDUITS SHALL BE REMOVED BACK TO THE SOURCE.
4. DISCONNECT ELECTRICAL SERVICE TO THE EXISTING RECIRCULATING PUMP BEING REMOVED AND PREPARE WIRING FOR CONNECTION TO THE NEW RECIRCULATING PUMP BEING PROVIDED.

ELECTRICAL PLAN NOTES:

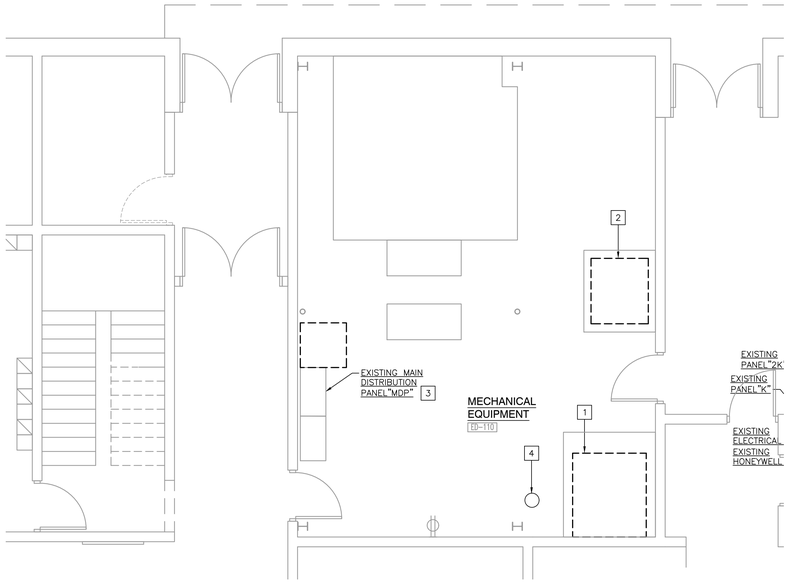
(THESE NOTES APPLY TO THIS SHEET ONLY)

1. CONNECT NEW ELECTRIC WATER HEATER TO THE NEW MAIN DISTRIBUTION PANELBOARD AS NOTED.
2. CONNECT NEW ELECTRIC BOILER TO THE NEW MAIN DISTRIBUTION PANELBOARD AS NOTED. (ALTERNATE BID).
3. PROVIDE ALL LABOR AND MATERIAL TO CONNECT DISTRIBUTION SECTIONS OF THE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" TO NEW MAIN DISTRIBUTION PANEL "MDP1". SEE POWER DISTRIBUTION DIAGRAM FOR FEEDER INFORMATION. PROVIDE THE APPROPRIATE END PLATE ON THE EXISTING DISTRIBUTION SECTIONS.
4. CONNECT NEW RECIRCULATING PUMP TO THE EXISTING CIRCUIT AND CONTROLS.
5. PROVIDE 1/8" ENGRAVED LETTERING ON COVERPLATE "DISPOSAL".
6. PROVIDE THE APPROPRIATE STRUCTURAL STEEL CHANNEL SUPPORTS FOR THE NEW DISCONNECT. COORDINATE EXACT LOCATION WITH THE NEW AND EXISTING EQUIPMENT TO ENSURE INSTALLATION MEETS ALL APPLICABLE CODE REQUIRED WORKING CLEARANCES.

AD-3

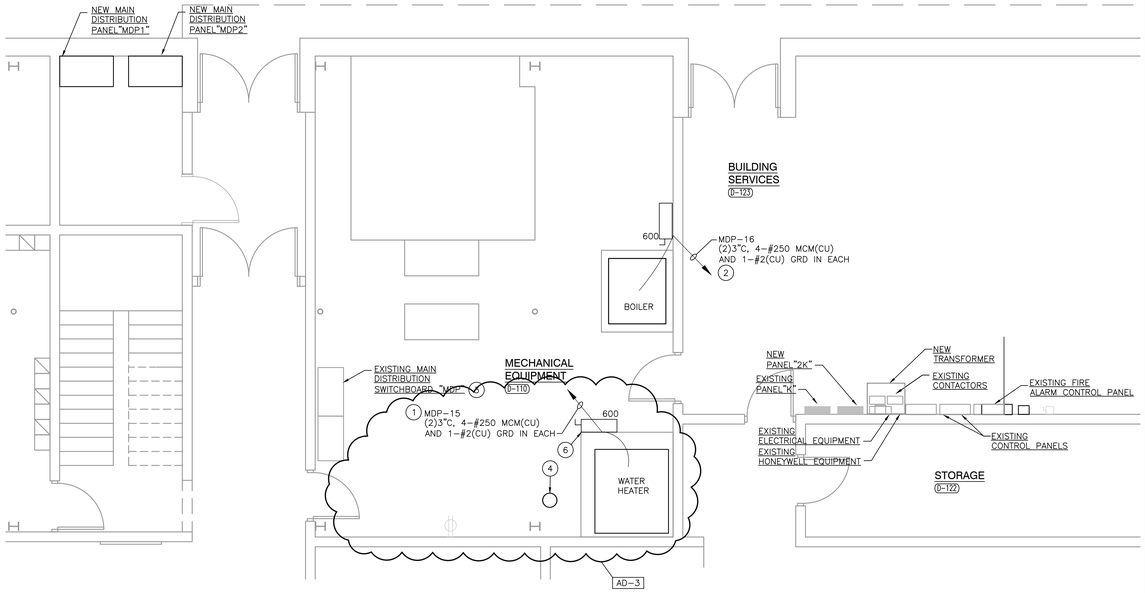
GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-500 SHEETS FOR ELECTRICAL DETAILS.
3. SEE E-600 SHEETS FOR ELECTRICAL SCHEDULES.
4. DISCONNECT EXISTING EQUIPMENT WITH ELECTRICAL CONNECTIONS BEING DEMOLISHED AS SHOWN ON THE ARCHITECTURAL, MECHANICAL AND PLUMBING DRAWINGS. THESE ITEMS INCLUDE AIR HANDLING UNITS, CABINET HEATERS, FAN POWERED BOXES, EXHAUST FANS, PUMPS, WATER HEATERS, DISPLAY CASES, ETC.



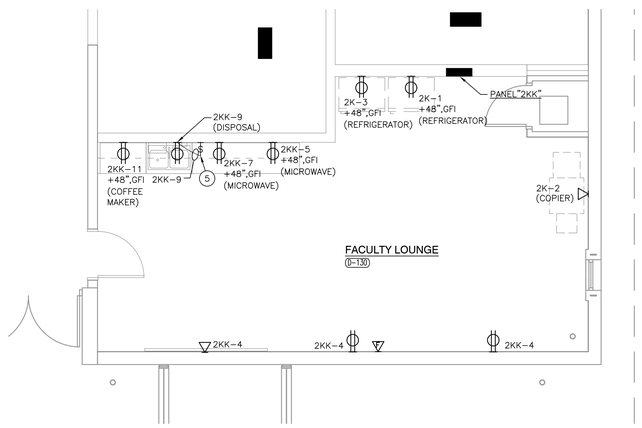
ENLARGED ELECTRICAL DEMOLITON POWER PLAN OF MECHANICAL ROOM

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



ENLARGED ELECTRICAL POWER PLAN OF MECHANICAL ROOM

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



ENLARGED ELECTRICAL POWER PLAN OF FACULTY LOUNGE

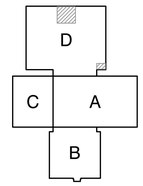
SCALE: 1/4" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB/JC
CHECKED BY DJW

DATE J. WAGNER REGISTERED ND 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
ENLARGED ELECTRICAL POWER PLANS OF MECHANICAL ROOM

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
E-401

BLUE RIVER VALLEY ELEMENTARY SCHOOL PANELBOARD SCHEDULE

MARK & TYPE
"2K"
TYPE: SQ D NQ OR APPROVED EQUAL.
120/208V, 3 PH, 4W
250 AMP MAIN BREAKER
NEMA 1
SURFACE MOUNT

REMARKS
BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS.
CIRCUIT BREAKERS SHALL HAVE MINIMUM 22,000 AMP INTERRUPTING CAPACITY - TYPE QOB-VH.
NEW PANEL "2K" REPLACES EXISTING PANEL "2K". INTERCEPT EXISTING CIRCUITS SERVING EQUIPMENT/DEVICES THAT REMAIN AND EXTEND TO NEW PANEL "2K".

DESCRIPTION	CKT	P	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	MOTOR	P	TRIP	CKT	DESCRIPTION
KINDERGARDEN RECPS	1	1	20		1.26		1.26									
																KINDERGARTEN-ART RECPS
					1.26		1.26						1	20	2	
MUSIC RECPS	3	1	20		1.26			1.26								
					1.50			1.50					1	20	4	DENTAL VAN RECP
ART ROOM RECPS	5	1	20		1.50				1.50							
					1.50				1.50				1	20	6	DENTAL VAN RECP
ART ROOM 208 VOLT RECP	7	2	20		1.60		1.60									
																HEATED CABINET 208 VOLT RECP
					2.00		2.00						2	20	8	
	9				1.60			1.60								
					2.00			2.00							10	
PEDESTAL RECPS	11	1	20		1.50				1.50							
					1.50				1.50				1	20	12	HOT FOOD RECPS
REFRIGERATOR	13	1	20		1.50		1.50									
					1.50		1.50						1	20	14	HOT FOODS RECPS
WORK TABLE RECPS AND CONTROL CIRCUIT	15	1	20		1.50			1.50								
					1.50			1.50					1	20	16	HOT FOODS RECPS
WORK TABLE RECPS	17	1	20		1.50				1.50							
																ICE CREAN CABINET RECPS
					1.50				1.50				1	20	18	
COOLER AND ANSUL - DOOR HEATERS	19	1	20			1.50	1.50									
																LOOP SYSTEM CONTROL PANEL
					1.00		1.00						1	20	20	
KITCHEN WALL RECPS	21	1	20		1.50			1.50								
					1.00			1.00					1	20	22	HOOD FAN CONTROLS
EXISTING FREEZER	23	1	20		1.50				1.50							
						1.00			1.00				1	20	24	EXHAUST FAN
WATER SOFTENER	25	1	20		1.50		1.50									
						1.13	1.13						1	20	26	HV CIRCULATING PUMP
CONTROLS	27	1	20													
						2.50		2.50					2	30	28	HOT FOODS 208 VOLTS
COOLER COMPRESOR	29	3	20			1.32			1.32							
						2.50			2.50						30	
	31					1.32	1.32									
						2.50	2.50						2	30	32	HOT FOODS
	33					1.32		1.32								
						2.50		2.50							34	
D126 RECPS	35	1	20		0.90				0.90							
					0.54				0.54				1	20	36	D128 RECPS
D126 RECPS	37	1	20		0.72		0.72									
					0.36		0.36						1	20	38	D128 RECPS
D130 RECPS	39	1	20		0.72			0.72								
													1	20	40	SPARE
D130 RECPS	41	1	20		0.72				0.72							
													1	20	42	SPARE
D128 RECPS	43	1	20		0.90		0.90									
													1	20	44	SPARE
D128 RECPS	45	1	20		0.72			0.72								
													1	20	46	SPARE
SPARE	47	1	20													
													1	20	48	SPARE
SPARE	49	1	20													
													1	20	50	SPARE
SPARE	51	1	20													
													1	20	52	SPARE
SPARE	53	1	20													
													1	20	54	SPARE
SPARE	55	1	20													
					5.58		5.58						3	100	56	PANEL "2KK"
SPARE	57	1	20													
					3.90			3.90							58	
SPARE	59	1	20													
					3.71				3.71						60	
CONNECTED LOAD (KVA)					52.75	17.59	25.63	23.52	21.19							
DEMAND LOAD (KVA)					31.38	17.59	17.71	16.59	14.67							
DEMAND AMPS							147.6	138.3	122.3							

TOTAL DEMAND KVA: 48.97 — TOTAL DEMAND AMPS: 148

BLUE RIVER VALLEY ELEMENTARY SCHOOL PANELBOARD SCHEDULE

MARK & TYPE
"2KK"
TYPE: SQ D NQ OR APPROVED EQUAL
120/208V, 3 PH, 4W
100 AMP MAIN LUGS
NEMA 1
SURFACE MOUNTED

REMARKS
BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS.
CIRCUIT BREAKERS SHALL HAVE MINIMUM 22,000 AMP INTERRUPTING CAPACITY - TYPE QOB-BH.
FED FROM PANEL "2K".

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
D130 RECP (REFRIGERATOR)	1	1	20		1.50		1.50									
					1.50		1.50						1	20	2	D130 RECP (COPIER)
D130 RECP (REFRIGERATOR)	3	1	20		1.50			1.50								
					0.72			0.72					1	20	4	D130 RECPS
D130 RECP (MICROWAVE)	5	1	20		1.50				1.50							
					1.08				1.08				1	20	6	D129 RECPS
D130 RECP (MICROWAVE)	7	1	20		1.50		1.50									
					1.08		1.08						1	20	8	D131 RECPS
D130 RECP (DISPOSAL)	9	1	20		1.50			1.50								
					0.18			0.18					1	20	10	D132 RECP
D130 RECP (COFFEE MAKER)	11	1	20		1.50				1.50							
SPARE	13	1	20													
													1	20	12	SPARE
SPARE	15	1	20													
													1	20	14	SPARE
SPARE	17	1	20													
													1	20	16	SPARE
SPARE	19	1	20													
													1	20	18	SPARE
SPARE	21	1	20													
													1	20	20	SPARE
SPARE	23	1	20													
													1	20	22	SPARE
SPARE	25	1	20													
													1	20	24	SPARE
SPARE	27	1	20													
													1	20	26	SPARE
SPARE	29	1	20													
													1	20	28	SPARE
															30	SPARE
TOTAL CONNECTED LOAD (kVA)					13.56		5.58	3.90	4.08							
TOTAL DEMAND LOAD (kVA)					11.78											

AD-3

PANEL SCHEDULE

MARK & TYPE	CKTS	BREAKER OR SWITCH	FRAME OR FUSE	REMARKS
MDP1 TYPE: SIEMENS P5/ ABB AV2/SQ D I-LINE 277/480V, 3Ø, 4W 1200 AMP MAIN BREAKER FREE STANDING FRONT ACCESSIBLE	M1	3P-1200	---	SINGLE SECTION CIRCUIT BREAKER SWITCHBOARD/PANELBOARD SECTION ONE:48"W X 90"H X 28"D SECTION ONE: MAIN CIRCUIT BREAKER SWITCHBOARD AND CIRCUIT BREAKERS SHALL BE RATED FOR 100,000 AMPS SHORT CIRCUIT AMPACITY AND SWITCHBOARD SHALL BE RATED FOR ENTRANCE. CIRCUIT M1 IS MAIN TO FEED EXISTING MAIN SWITCHBOARD.
AD-3 MDP2 TYPE: SIEMENS P5/ ABB AV2/SQ D I-LINE 277/480V, 3Ø, 4W 1200 AMP MAIN BREAKER FREE STANDING FRONT ACCESSIBLE	M2 1-2 3-5 6 7-8 9 10	3P-1200 3P-600 3P-80 3P-SPACE 3P-100 3P-150 3P-200	--- --- --- --- --- --- ---	SINGLE SECTION CIRCUIT BREAKER SWITCHBOARD/PANELBOARD SECTION ONE:48"W X 90"H X 28"D SECTION ONE: MAIN AND CIRCUITS 1-10 SWITCHBOARD AND CIRCUIT BREAKERS SHALL BE RATED FOR 100,000 AMPS SHORT CIRCUIT AMPACITY AND SWITCHBOARD SHALL BE RATED FOR ENTRANCE. CIRCUIT M1 IS MAIN TO FEED CIRCUITS 1-10.

FLOOR OUTLET SCHEDULE

TYPE	DESCRIPTION	REMARKS
A	HUBBELL CFB4G30 SERIES (OR ENGINEER APPROVED EQUAL) COMBINATION POWER/COMM INSTALLED IN SLAB ON GRADE	FOUR-GANG METAL FLOOR BOX WITH TWO (2) 20A, 125 VOLT GROUNDED DUPLEX RECEPTACLES, TWO DECORA TYPE COMMUNICATION BRACKETS AND COVER. COORDINATE TECHNOLOGY VOICE/DATA OUTLET REQUIREMENTS WITH ARCHITECT AND TECHDYN. PROVIDE BLANK FILLER PLATES ON UNUSED COMPARTMENTS. PROVIDE FLANGE COVER WHERE BOX IS INSTALLED IN CARPETED AREAS. PROVIDE COVER ASSEMBLIES FOR CARPET AND TILE FLOOR FINISHES AS REQUIRED.

NOTE: 1. SEE SHEET E-501 FOR FLOOR OUTLET DETAILS.

BLUE RIVER VALLEY ELEMENTARY SCHOOL LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURERS	VOLTAGE	LIGHT SOURCE	MINIMUM LUMENS	DEGREE K.	MAXIMUM WATTAGE	DIMMING	MOUNTING	DESCRIPTION
L-1	LITHONIA CPX-2X4-6000LM-80CRI-40K-SWL-MIN1-EZT-MVOLT METALUX 24CGTX-65-L840-HCD1 COLUMBIA SRP24-40-VL-G-ED1-U	120/277	LED	6000 (6091/6447/7379)	4000	41.8/53.4/69	0-10V 1% DIMMING	GRID	2X4 RECESSED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH DIMMING DRIVER.
L-1E	LITHONIA CPX-2X4-6000LM-80CRI-40K-MIN1-EZT-MVOLT-E10WCP METALUX 24CTGX-65-L840-HCD1-EL10WSD COLUMBIA SRP24-40-VL-G-ED1-U	120/277	LED	6000 (6091/6447/7379)	4000	41.8/53.4/69	0-10V 1% DIMMING	SURFACE	2X4 RECESSED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH INTEGRAL/EXTERNAL EMERGENCY BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE.
L-2	LITHONIA CPX-2X4-5000LM-80CRI-40K-SWL-MIN1-ZT-MVOLT METALUX 24CGTX-55-L840-HCD1 COLUMBIA SRP24-40-ML-G-ED1-U	120/277	LED	4800 (5193/5412/4934)	4000	40/44.1/45	0-10V 1% DIMMING	GRID	2X4 RECESSED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH LED DIMMING DRIVER.
L-2E	LITHONIA CPX-2X4-5000LM-80CRI-40K-SWL-MIN1-EZT-MVOLT-E10WCP METALUX 224CGTX-55-L840-HCD1-EL10WSD COLUMBIA COLUMBIA SRP24-40-ML-G-ED1-U-ELL14ST	120/277	LED	4800 (5193/5412/4934)	4000	40/44.1/45	0-10V 1% DIMMING	GRID	2X4 RECESSED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH LED DIMMING DRIVER AND INTEGRAL/EXTERNAL EMERGENCY BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE.
L-3E	LITHONIA CPX-2X2-4000LM-80CRI-40K-SWL-MIN1-ZT-MVOLT-E10WLCP METALUX 22CGT-45-L840-HCD1-EL10WSD COLUMBIA SRP22-40VL-G-ED1-U-ELL14ST	120/277	LED	4000 (4199/4199/4570)	4000	36.3/36.1/41	0-10V 1% DIMMING	SURFACE	2X2 RECESSED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH LED DIMMING DRIVER AND INTEGRAL/EXTERNAL EMERGENCY BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE.
L-4	LITHONIA CPX-2X4-4000LM-80CRI-40K-SWL-MIN1-EZT-MVOLT METALUX 24CGTX-45-L840-HCD1 COLUMBIA RP24-40-LW-G-ED1-U	120/277	LED	4000 (4240/4537/4350)	4000	37.61/35.6/32	0-10V 1% DIMMING	GRID	2X4 RECESSED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH DIMMING DRIVER.
L-4E	LITHONIA CPX-2X4-4000LM-80CRI-40K--SWL-MIN1-EZT-MVOLT-E10WCP METALUX 224CGTX-45-L840-HCD1-EL10WSD COLUMBIA SRP24-40-LW-G-ED1-U-ELL14ST	120/277	LED	4000 (5194/4557/4350)	4000	37.61/35.6/32	0-10V 1% DIMMING	GRID	2X4 RECESSED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH LED DIMMING DRIVER AND INTEGRAL/EXTERNAL EMERGENCY BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE.
L-5	LITHONIA CPX-1X4-4000LM-80CRI-40K-SWL-MIN1-ZT-MVOLT METALUX 14CGTX-42-L840-HCD1 COLUMBIA SRP14-40-LW-G-ED1-U	120/277	LED	3900 (4274/3911/5080)	4000	35.5/31.7/48	0-10V 1% DIMMING	GRID	1X4 RECESSED MOUNTED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH LED DIMMING DRIVER.
L-5E	LITHONIA CPX-1X4-4000LM-80CRI-40K-SWL-MIN1-ZT-MVOLT-E10WCP METALUX 14CGTX-42-L840-HCD1-EL10WSD COLUMBIA SRP14-40-LW-G-ED1-U-ELL14ST	120/277	LED	3900 (4274/3911/5080)	4000	35.5/31.7/48	0-10V 1% DIMMING	GRID	1X4 RECESSED LED FLAT PANEL TYPE LIGHTING FIXTURE WITH LED DIMMING DRIVER INTEGRAL/EXTERNAL EMERGENCY BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE.
L-6	METALUX 4SNLED-LD5-335L-LW-UNV-L840-CD1-U DAYBRITE FSS440L840-UNV-DIM-DACHXX LITHONIA ZL1N-L48-SMR-3000LM-FST-MVOLT-40K-80CRI-WH COLUMBIA MPS4-40HL-C-W-EDU-CSHC	120/277	LED	3000 (3504/4000/3723)	4000	28/31/31/41.7	NONE	PENDANT	4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED AND WIDE DISTRIBUTION
L-6E	METALUX 4SNLED-LD5-335L-LW-UNV-L840-CD1-U-GTD DAYBRITE FSS440L840-UNV-DIM-DACHXX-GTD/E LITHONIA ZL1N-L48-SMR-3000LM-FST-MVOLT-40K-80CRI-WH-GTD COLUMBIA MPS4-40HL-C-W-EDU-CSHC-GTD	120/277	LED	3000 (3504/4000/3723/5720)	4000	28/31/31/41.7	NONE	PENDANT	4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED, WIDE DISTRIBUTION AND INTEGRAL/EXTERNAL EMERGENCY BATTERY UNIT WITH SELF DIAGNOSTIC FEATURE.
L-7	HALO PD6-30-D010-PDM6A-840-61V-C LITHONIA LDN6-40/30-L06AR-LSS-MVOLT-EZ10 LIGHTOLIER 6RNEM6-Z6RDL30940WOCDDZ-10U PRESCOLITE LTR-H-ML-30L-DM1-LTR-6RD-T-ML-40K8-MD-B24	MVOLT	LED	3000 (2963/3033.9/3182/2993)	4000	36.4/34.69/31.2/41.50	0-10V	RECESSED GRID	6" ROUND RECESSED MOUNTED DOWNLIGHT WITH CLEAR ALZAK REFLECTOR AND MULTI-VOLT LED DRIVER.
X1	SURE-LITES CX61R EMERGI-LITE BAPXN-1R LITHONIA LES-1R DUAL LITE SESR-BN	120/277	LED			1	NONE	SURFACE	SURFACE MOUNTED DIE CAST ALUMINUM EXIT SIGN WITH SINGLE BRUSHED ALUMINUM STENCIL FACE WITH RED LETTERS (ARROWS AS INDICATED ON DRAWINGS).
X2	SURE-LITES SEL50-SD-SQ DUAL LITE EVHC12I LITHONIA ELM2L-UVOLT-SDRT	120/277	LED			1	NONE	WALL	SURFACE MOUNTED EMERGENCY LIGHTING FIXTURE WITH TWO (2) LED LIGHTING HEADS, NI-CAD BATTERY AND SELF DIAGNOSTIC FEATURE.

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

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PROJECT 23-147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJW

DATE J. WAGNER REGISTERED ND 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
ELECTRICAL SCHEDULES

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
E-601

BLUE RIVER VALLEY ELEMENTARY SCHOOL PANELBOARD SCHEDULE

MARK & TYPE: "A"
TYPE: EXISTING GE NHB
277/480V, 3 PH, 3W
100 AMP MAIN BREAKER
NEMA 1
SURFACE MOUNTED

REMARKS: EXISTING GE NHB PANELBOARD

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
SPACE		1											1			
																SPACE
SPACE		1											1			
																SPACE
SPACE		1											1			
																SPACE
B8 LIGHTS	1	1	20										1	20	2	B5 LIGHTS
B7 LIGHTS	3	1	20										1	20	4	B4 LIGHTS
B6 LIGHTS	5	1	20										1	20	6	B3 LIGHTS
B2 LIGHTS	7	1	20										1	20	8	**B113,125,126,127 LIGHTS**
B1 LIGHTS	9	1	20										1	20	10	**B110,112, CORRIDOR LIGHTS**
SPARE	11	1	20										1	20	12	SPARE
ENTRY HEATER S-E	13	3	20										3	20	14	ENTRY HEATER - W
	15														16	
	17														18	
ENTRY HEATER S-W	19	3	20										3	30	20	TRANSFORMER PANEL "2A"
	21														22	
	23														24	
TRANSFORMER PANEL "2AA"	25	3	70										3	100	26	MAIN
	27														28	
	29														30	
TOTAL CONNECTED LOAD (KVA)																
TOTAL DEMAND LOAD (KVA)																

BLUE RIVER VALLEY ELEMENTARY SCHOOL PANELBOARD SCHEDULE

MARK & TYPE: "B"
TYPE: EXISTING GE NHB
277/480V, 3 PH, 3W
100 AMP MAIN BREAKER
NEMA 1
SURFACE MOUNTED

REMARKS: EXISTING GE NHB PANELBOARD

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
SPACE		1														
													1			SPACE
A8 LIGHTS	1	1	20										1	20	2	A5 LIGHTS
A7 LIGHTS	3	1	20										1	20	4	A4 LIGHTS
A6 LIGHTS	5	1	20										1	20	6	A6 LIGHTS
A2 LIGHTS	7	1	20										1	20	8	A9 LIGHTS
A1 LIGHTS	9	1	20										1	20	10	**A114,115,117 AND CORRIDOR LIGHTS**
HALLWAY,D19,D21, D22,D23 LIGHTS	11	1	20										1	20	12	POLE LIGHTS
HALLWAY,D19,D21, D22,D23 LIGHTS	13	1	20										1	20	14	POLE LIGHTS - BAD WIRE
SPARE	15	1	20										3	20	16	ENTRY HEATER N-E
ENTRY HEATER S-E	17	3	20												18	
	19														20	
	21														22	ENTRY HEATER E-N
ENTRY HEATER E-S	23	3	20												24	
	25														26	
	27														28	
SPACE	29	1											3	100	30	MAIN
															32	
															34	
TOTAL CONNECTED LOAD (KVA)																
TOTAL DEMAND LOAD (KVA)																

BLUE RIVER VALLEY ELEMENTARY SCHOOL PANELBOARD SCHEDULE

MARK & TYPE: "C"
TYPE: EXISTING GE NHB
277/480V, 3 PH, 4W
100 AMP MAIN BREAKER
NEMA 1
SURFACE MOUNTED

REMARKS: EXISTING GE NHB PANELBOARD

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
C8 LIGHTS	1	1	20										1	20	2	C3 LIGHTS
C7 LIGHTS	3	1	20										1	20	4	C4 LIGHTS
C6 LIGHTS	5	1	20										1	20	6	C5 LIGHTS
C2 LIGHTS	7	1	20										1	20	8	C9 LIGHTS
C1 LIGHTS	9	1	20										1	20	10	CORRIDOR - RESTROOM LIGHTS
A120,122,123,124 LIGHTS	11	1	20										1	20	12	D15,D16,D17,D18 LIGHTS
A125,126,127 LIGHTS	13	1	20		1.20			1.20					1	20	14	D11 SPECIAL ED LIGHTS
D1,D2,D3 LIGHTS	15	1	20										1	20	16	D4,D5,D6,D8,D9,D10 LIGHTS
ENTRANCE LIGHTS	17	1	20										1	20	18	D12,D13,D14 SPEECH LIGHTS
A126,133,134,135 LIGHTS	19	1	20										3	20	20	UNIT HEATER C20 ENTRY C10
SPARE	21	1	20												22	
SPARE	23	1	20												24	
UNIT HEATER C21 ENTRY D23	25	3	20										3	20	26	UNIT HEATER C19 ENTRY C10
	27														28	
	29														30	
TOTAL CONNECTED LOAD (KVA)					1.20			1.20								
TOTAL DEMAND LOAD (KVA)					1.20											

BLUE RIVER VALLEY ELEMENTARY SCHOOL PANELBOARD SCHEDULE

MARK & TYPE: "G"
TYPE: EXISTING GE NHB
277/480V, 3 PH, 4W
225 AMP MAIN LUGS
NEMA 1
SURFACE MOUNTED

REMARKS: EXISTING GE NHB PANELBOARD

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
GYM LIGHTS	1	1	20													
													1	20	2	GYM LIGHTS
GYM LIGHTS	3	1	20													
													1	20	4	GYM LIGHTS
GYM LIGHTS	5	1	20													
													1	20	6	**D110,129,130,131,132, 133 LIGHTS**
SHOWER LIGHTS	7	1	20													
													1	20	8	ART LIGHTS
KINDERGARTEN NORTH LIGHTS	9	1	20													
													1	20	10	KINDERGARTEN SOUTH LIGHTS
KITCHEN+HALL-STORAGE-RESTROOM LIGHTS	11	1	20													
													1	20	12	CAFETERIA LIGHTS
KITCHEN LIGHTS	13	1	20													
													1	20	14	CAFETERIA - HALL LIGHTS
SPARE	15	1	20													
													1	20	16	MEZZANINE WEST END LIGHTS
	17	1	20													
													1	20	18	MEZZANINE WEST END LIGHTS
	19	1	20													
													1	20	20	
ENTRY HEATER	21	3	70													
													3	70	22	TRANSFORMER
	23															
	25														24	
															26	
TOTAL CONNECTED LOAD (KVA)																
TOTAL DEMAND LOAD (KVA)																

AD-3

BLUE RIVER VALLEY ELEMENTARY SCHOOL PANELBOARD SCHEDULE

MARK & TYPE: "2A"
TYPE: SQ D NQ OR APPROVED EQUAL,
120/208V, 3 PH, 4W
150 AMP MAIN BREAKER
NEMA 1
SURFACE MOUNTED

REMARKS:
BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS.
CIRCUIT BREAKERS SHALL HAVE MINIMUM 22,000 AMP INTERRUPTING CAPACITY - TYPE QOB-VH.
NEW PANEL "2A" REPLACES EXISTING PANEL "2A". INTERCEPT EXISTING CIRCUITS SERVING EQUIPMENT/DEVICES THAT REMAIN AND EXTEND TO NEW PANEL "2A".

DESCRIPTION	CKT	P	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	MOTOR	P	TRIP	CKT	DESCRIPTION
LIGHTS OVER FOUNTAINS	1	1	20	0.50			0.50									
					1.00		1.00						1	20	2	B7 RECPS
PIPE CHASE B15 LIGHTS	3	1	20	0.50				0.50								
					1.00			1.00					1	20	4	B8 RECPS
B5,B6 RECPS	5	1	20		1.00				1.00							
					1.00				1.00				1	20	6	B2 RECPS
B4,B5 RECPS	7	1	20		1.00		1.00									
					1.00		1.00						1	20	8	B1 RECPS
B1 RECPS	9	1	20		1.00			1.00								
					0.18			0.18					1	20	10	WATER COOLER E-S
WATER COOLER W-S	11	1	20		0.18				0.18							
					0.18				0.18				1	20	12	WATER COOLER E-N
WATER COOLER W-N	13	1	20		0.18		0.18									
													1	20	14	SPARE
RECP UNDER PANEL	15	1	20		0.18			0.18								
					1.50			1.50					1	20	16	COMPUTER LAB 3RD ROW RECPS
COMPUTER LAB 2ND ROW RECPS	17	1	20		1.50				1.50							
					1.50				1.50				1	20	18	COMPUTER LAB 1ST ROW RECPS
B108 RECPS	19	1	20		1.08		1.08									
					1.26		1.26						1	20	20	B101 RECPS
B108 RECPS	21	1	20		1.08			1.08								
					1.08			1.08					1	20	22	B101 RECPS
B107 RECPS	23	1	20		1.08				1.08							
					1.08				1.08				1	20	24	B102 RECPS
B107 RECPS	25	1	20		1.08		1.08									
					1.26		1.26						1	20	26	B102 RECPS
B106 RECPS	27	1	20		0.90			0.90								
					1.08			1.08					1	20	28	B105 RECPS
B106 RECPS	29	1	20		0.90				0.90							
					0.90				0.90				1	20	30	B105 RECPS
B127 RECPS	31	1	20		0.90		0.90									
					1.62		1.62						1	20	32	B125 RECPS
A120 RECPS	33	1	20		1.44			1.44								
					1.26			1.26					1	20	34	B126 RECPS
A120 RECPS	35	1	20		1.08				1.08							
													1	20	36	SPARE
B110,B112 RECPS	37	1	20		0.36		0.36									
					1.08		1.08						1	20	38	A120 FLOOR RECPS
SPARE	39	1	20													
					1.08			1.08					1	20	40	A120 FLOOR RECPS
SPARE	41	1	20													
													1	20	42	A120 RECPS
SPARE	43	1	20													
													1	20	44	SPARE
SPARE	45	1	20													
													1	20	46	SPARE
SPARE	47	1	20													
													1	20	48	SPARE
SPARE	49	1	20													
													1	20	50	SPARE
SPARE	51	1	20													
													1	20	52	SPARE
SPARE	53	1	20													
													1	20	54	SPARE
SPARE	55	1	20													
													1	20	56	SPARE
SPARE	57	1	20													
													1	20	58	SPARE
SPARE	59	1	20													
													1	20	60	SPARE
CONNECTED LOAD (KVA)				1.00	34.00		12.32	12.28	10.40							
DEMAND LOAD (KVA)				1.00	22.00		8.08	8.06	6.87							
DEMAND AMPS							67.3	67.2	57.3							

TOTAL DEMAND KVA: 23.00 — TOTAL DEMAND AMPS: 68

BLUE RIVER VALLEY ELEMENTARY SCHOOL PANELBOARD SCHEDULE

MARK & TYPE: "2B"
TYPE: SQ D NQ OR APPROVED EQUAL,
120/208V, 3 PH, 4W
150 AMP MAIN BREAKER
NEMA 1
SURFACE MOUNTED

REMARKS:
BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS.
CIRCUIT BREAKERS SHALL HAVE MINIMUM 22,000 AMP INTERRUPTING CAPACITY - TYPE QOB-VH.
NEW PANEL "2B" REPLACES EXISTING PANEL "2B". INTERCEPT EXISTING CIRCUITS SERVING EQUIPMENT/DEVICES THAT REMAIN AND EXTEND TO NEW PANEL "2B".

DESCRIPTION	CKT	P	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	MOTOR	P	TRIP	CKT	DESCRIPTION
LIGHTS OVER FOUNTAINS	1	1	20	0.50			0.50									
					1.00		1.00						1	20	2	B7 RECPS
PIPE CHASE B15 LIGHTS	3	1	20	0.50				0.50								
					1.00			1.00					1	20	4	B8 RECPS
B5,B6 RECPS	5	1	20		1.00				1.00							
					1.00				1.00				1	20	6	B2 RECPS
B4,B5 RECPS	7	1	20		1.00		1.00									
					1.00		1.00						1	20	8	B1 RECPS
B1 RECPS	9	1	20		1.00			1.00								
					0.18			0.18					1	20	10	WATER COOLER E-S
WATER COOLER W-S	11	1	20		0.18				0.18							
					0.18				0.18				1	20	12	WATER COOLER E-N
WATER COOLER W-N	13	1	20		0.18		0.18									
													1	20	14	SPARE
RECP UNDER PANEL	15	1	20		0.18			0.18								
					1.50			1.50					1	20	16	COMPUTER LAB 3RD ROW RECPS
COMPUTER LAB 2ND ROW RECPS	17	1	20		1.50				1.50							
					1.50				1.50				1	20	18	COMPUTER LAB 1ST ROW RECPS
A101 RECPS	19	1	20		1.26		1.26									
					1.26		1.26						1	20	20	A108 RECPS
A101 RECPS	21	1	20		1.08			1.08								
					1.08			1.08					1	20	22	A108 RECPS
A102 RECPS	23	1	20		1.08				1.08							
					1.08				1.08				1	20	24	A107 RECPS
A102 RECPS	25	1	20		1.26		1.26									
					1.26		1.26						1	20	26	A107 RECPS
A103 RECPS	27	1	20		1.26			1.26								
					1.08			1.08					1	20	28	A106 RECPS
A103 RECPS	29	1	20		1.26				1.26							
					1.08				1.08				1	20	30	A106 RECPS
A103 RECPS	31	1	20		1.08		1.08									
					1.26		1.26						1	20	32	A105 RECPS
A104 RECPS	33	1	20		1.26			1.26								
					1.08			1.08					1	20	34	A105 RECP
A104 RECPS	35	1	20		1.08				1.08							
					1.50				1.50				1	20	36	A125 REEL CORD
A125 RECPS	37	1	20													
					1.50		1.50						1	20	38	A125 REEL CORD
A125 RECPS	39	1	20		1.50			1.50								
					1.50			1.50					1	20	40	A125 REEL CORD
A125 RECPS	41	1	20		0.72				0.72							
					1.50				1.50				1	20	42	A125 RECPS
A125 RECP	43	1	20		0.18		0.18									
					0.36		0.36						1	20	44	A115,117 RECPS
A125 RECP (3D PRINTER)	45	1	20		1.50			1.50								
					0.36			0.36					1	20	46	A114 RECPS (SINKS)
A125 RECP	47	1	20		0.18				0.18							
													1	20	48	SPARE
A125 RECP	49	1	20		0.18		0.18									
													1	20	50	SPARE
A125 RECP	51	1	20		0.18			0.18								
													1	20	52	SPARE
SPARE	53	1	20													
													1	20	54	SPARE
SPARE	55	1	20													
													1	20	56	SPARE
SPARE	57	1	20													
													1	20	58	SPARE
SPARE	59	1	20													
													1	20	60	SPARE
CONNECTED LOAD (KVA)				1.00	43.54		13.28	16.42	14.84							
DEMAND LOAD (KVA)				1.00	26.77		8.56	9.38	9.09							
DEMAND AMPS							71.3	78.2	75.6							

TOTAL DEMAND KVA: 27.77 — TOTAL DEMAND AMPS: 79

BLUE RIVER VALLEY ELEMENTARY SCHOOL PANELBOARD SCHEDULE

MARK & TYPE: "2C"
TYPE: SQ D NQ OR APPROVED EQUAL,
120/208V, 3 PH, 4W
150 AMP MAIN BREAKER
NEMA 1
SURFACE MOUNTED

REMARKS:
BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS.
CIRCUIT BREAKERS SHALL HAVE MINIMUM 22,000 AMP INTERRUPTING CAPACITY - TYPE QOB-VH.
NEW PANEL "2C" REPLACES EXISTING PANEL "2C". INTERCEPT EXISTING CIRCUITS SERVING EQUIPMENT/DEVICES THAT REMAIN AND EXTEND TO NEW PANEL "2C".

DESCRIPTION	CKT	P	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	MOTOR	P	TRIP	CKT	DESCRIPTION
LIGHTS OVER FOUNTAINS	1	1	20	0.50			0.50									
					1.00		1.00						1	20	2	B7 RECPS
PIPE CHASE B15 LIGHTS	3	1	20	0.50				0.50								
					1.00			1.00					1	20	4	B8 RECPS
B5,B6 RECPS	5	1	20		1.00				1.00							
					1.00				1.00				1	20	6	B2 RECPS
B4,B5 RECPS	7	1	20		1.00		1.00									
					1.00		1.00						1	20	8	B1 RECPS
B1 RECPS	9	1	20		1.00			1.00								
					0.36			0.36					1	20	10	WATER COOLER E-S
WATER COOLER W-S	11	1	20		0.36				0.36							
					0.36				0.36				1	20	12	WATER COOLER E-N
WATER COOLER W-N	13	1	20		0.36		0.36									
					1.00		1.00						1	20	14	LIBRARY FLOOR RECPS
RECP UNDER PANEL	15	1	20		0.18			0.18								
					1.50			1.50					1	20	16	COMPUTER LAB 3RD ROW RECPS
COMPUTER LAB 2ND ROW RECPS	17	1	20		1.50				1.50							
					1.50				1.50				1	20	18	COMPUTER LAB 1ST ROW RECPS
C108 RECPS	19	1	20		1.26		1.26									
					1.26		1.26						1	20	20	C101 RECPS
C108 RECPS	21	1	20		1.08			1.08								
					1.08			1.08					1	20	22	C101 RECPS
C107 RECPS	23	1	20		1.08				1.08							
					1.08				1.08				1	20	24	C102 RECPS
C107 RECPS	25	1	20		1.26		1.26									
					1.26		1.26						1	20	26	C102 RECPS
C106 RECPS	27	1	20		1.26			1.26								
					0.90			0.90					1	20	28	C103 RECPS
C106 RECPS	29	1	20		1.08				1.08							
					1.08				1.08				1	20	30	C103 RECPS
C105 RECPS	31	1	20		0.90		0.90									
					1.26		1.26						1	20	32	C104 RECPS
C105 RECPS	33	1	20		1.26			1.26								
					0.90			0.90					1	20	34	C104 RECPS
A128 CORD REEL	35	1	20		1.50				1.50							
					0.36				0.36				1	20	36	C113,115 RECPS
A128 CORD REEL	37	1	20		1.50		1.50									
					1.44		1.44						1	20	38	A133 RECPS
A128 RECPS	39	1	20		0.90			0.90								
					1.26			1.26					1	20	40	A134 RECPS
A122 RECPS	41	1	20		1.26				1.26							
					1.44				1.44				1	20	42	A135 RECPS
A121,123 RECPS	43	1	20		1.08		1.08									
					1.26		1.26						1	20	44	A126,127 RECPS
A124 RECPS	45	1	20		1.08			1.08								
					0.54			0.54					1	20	46	A128 RECPS
C116 RECPS (SINKS)	47	1	20		0.36				0.36							
													1	20	48	A128 RECPS
SPARE	49	1	20													
					1.50		1.50						1	20	50	A121 RECP (DATA EQUIPMENT)
SPARE	51	1	20													
													1	20	52	SPARE
SPARE	53	1	20													
													1	20	54	SPARE
SPARE	55	1	20													
													1	20	56	SPARE
SPARE	57	1	20													
													1	20	58	SPARE
SPARE	59	1	20													
													1	20	60	SPARE
CONNECTED LOAD (KVA)				1.00	46.60		18.84	14.80	13.96							
DEMAND LOAD (KVA)				1.00	28.30		11.34	9.32	8.65							
DEMAND AMPS							94.5	77.7	72.1							

TOTAL DEMAND KVA: 29.30 — TOTAL DEMAND AMPS: 95

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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PROJECT
23-147
DATE
03/15/24
COORDINATED BY
PCB
DRAWN BY
PCB/JVC
CHECKED BY
DJW

DANIEL J. WAGNER
REGISTERED
NO. 19600171
STATE OF INDIANA
ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

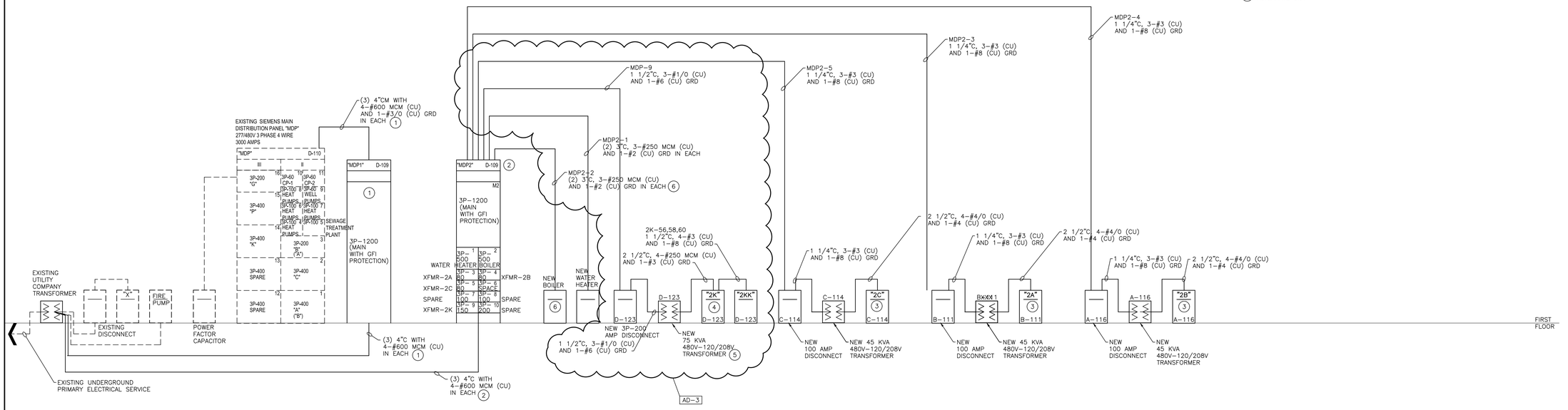
DRAWING
ELECTRICAL SCHEDULES

PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

SHEET
E-602

PLAN NOTES:

1. PROVIDE NEW MAIN DISTRIBUTION PANEL "MDP1" TO SERVE THE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP". COORDINATE WITH THE LOCAL UTILITY COMPANY AND PROVIDE ALL LABOR AND MATERIAL TO PROPERLY CONNECT THE NEW INCOMING ELECTRICAL FEEDER FROM THE UTILITY COMPANY TRANSFORMER TO THE NEW MAIN DISTRIBUTION PANEL "MDP1".
2. PROVIDE NEW MAIN DISTRIBUTION PANEL "MDP2". COORDINATE WITH THE LOCAL UTILITY COMPANY AND PROVIDE ALL LABOR AND MATERIAL TO PROPERLY CONNECT TO THE NEW INCOMING ELECTRICAL FEEDER FROM THE UTILITY COMPANY TRANSFORMER TO THE NEW MAIN DISTRIBUTION PANEL "MDP2".
3. REPLACE EXISTING PANELBOARDS "2A", "2B" AND "2C" WITH NEW PANEL "2A", "2B" AND "2C". INTERCEPT EXISTING BRANCH CIRCUITS THAT SERVE EXISTING DEVICES, EQUIPMENT, ETC. AND EXTEND TO THE NEW PANELBOARDS. PROVIDE NEW FEEDERS AS SHOWN.
4. REPLACE EXISTING PANELBOARD "2K" WITH NEW PANEL "2K". INTERCEPT EXISTING BRANCH CIRCUITS THAT SERVE EXISTING DEVICES, EQUIPMENT, ETC. AND EXTEND TO THE NEW PANELBOARDS. PROVIDE NEW FEEDERS AS SHOWN.
5. REPLACE EXISTING WALL MOUNTED TRANSFORMER WITH NEW WALL MOUNTED TRANFORMER. PROVIDE ALL LABOR AND MATERIAL TO PROPERLY SUPPORT AND INSTALL THE NEW TRANSFORMER.
6. ALTERNATE BID.



ELECTRICAL POWER DISTRIBUTION DIAGRAM

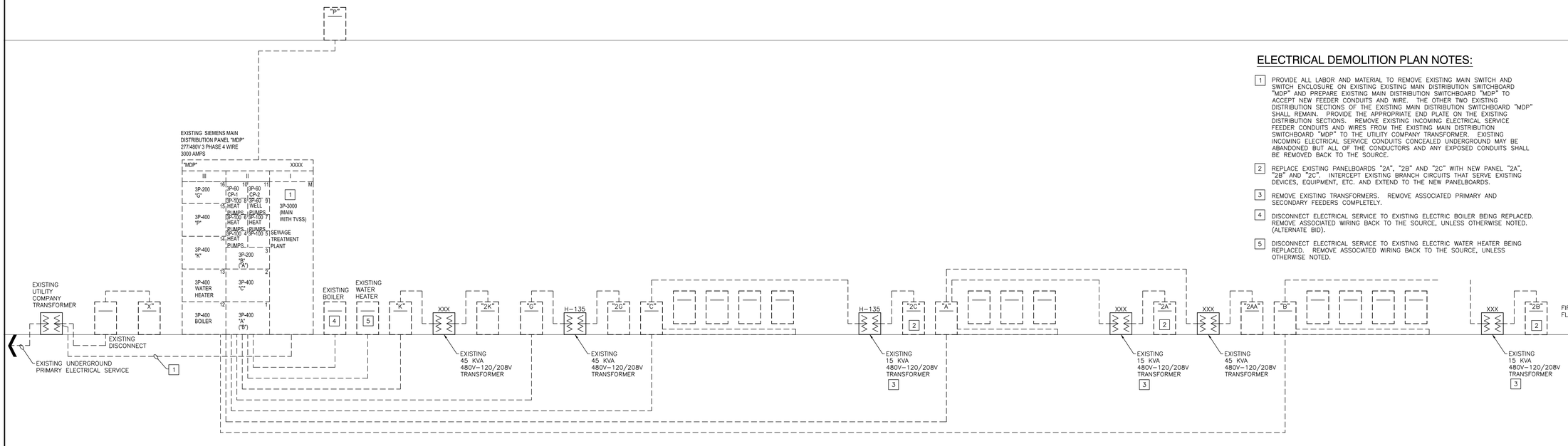
SCALE: NOT TO SCALE

– – – – – – – – EXISTING TO REMAIN, UNLESS OTHERWISE NOTED

———————— NEW

ELECTRICAL DEMOLITION PLAN NOTES:

1. PROVIDE ALL LABOR AND MATERIAL TO REMOVE EXISTING MAIN SWITCH AND SWITCH ENCLOSURE ON EXISTING EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" AND PREPARE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" TO ACCEPT NEW FEEDER CONDUITS AND WIRE. THE OTHER TWO EXISTING DISTRIBUTION SECTIONS OF THE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" SHALL REMAIN. PROVIDE THE APPROPRIATE END PLATE ON THE EXISTING DISTRIBUTION SECTIONS. REMOVE EXISTING INCOMING ELECTRICAL SERVICE FEEDER CONDUITS AND WIRES FROM THE EXISTING MAIN DISTRIBUTION SWITCHBOARD "MDP" TO THE UTILITY COMPANY TRANSFORMER. EXISTING INCOMING ELECTRICAL SERVICE CONDUITS CONCEALED UNDERGROUND MAY BE ABANDONED BUT ALL OF THE CONDUCTORS AND ANY EXPOSED CONDUITS SHALL BE REMOVED BACK TO THE SOURCE.
2. REPLACE EXISTING PANELBOARDS "2A", "2B" AND "2C" WITH NEW PANEL "2A", "2B" AND "2C". INTERCEPT EXISTING BRANCH CIRCUITS THAT SERVE EXISTING DEVICES, EQUIPMENT, ETC. AND EXTEND TO THE NEW PANELBOARDS.
3. REMOVE EXISTING TRANSFORMERS. REMOVE ASSOCIATED PRIMARY AND SECONDARY FEEDERS COMPLETELY.
4. DISCONNECT ELECTRICAL SERVICE TO EXISTING ELECTRIC BOILER BEING REPLACED. REMOVE ASSOCIATED WIRING BACK TO THE SOURCE, UNLESS OTHERWISE NOTED. (ALTERNATE BID).
5. DISCONNECT ELECTRICAL SERVICE TO EXISTING ELECTRIC WATER HEATER BEING REPLACED. REMOVE ASSOCIATED WIRING BACK TO THE SOURCE, UNLESS OTHERWISE NOTED.



ELECTRICAL DEMOLITION POWER DISTRIBUTION DIAGRAM

SCALE: NOT TO SCALE

– – – – – – – – EXISTING TO REMAIN, UNLESS OTHERWISE NOTED

———————— NEW

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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PROJECT
BLUE RIVER VALLEY ELEMENTARY SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

PROJECT 23-147
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJW

DATE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

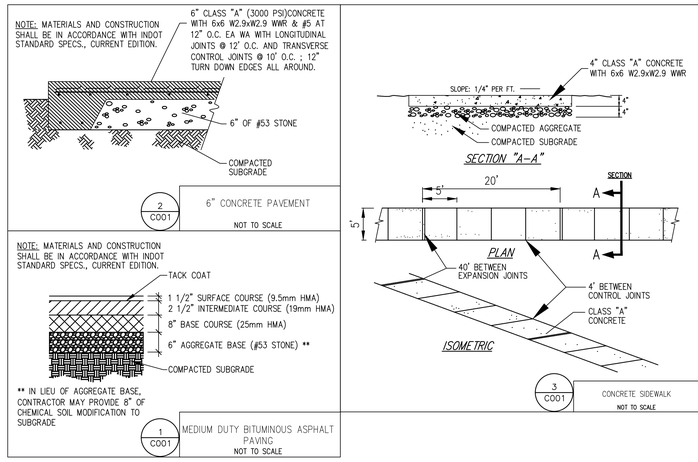
REVISIONS

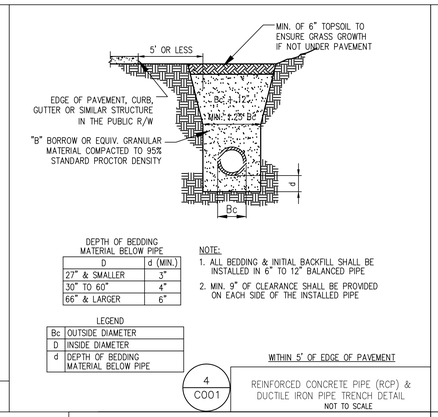
MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

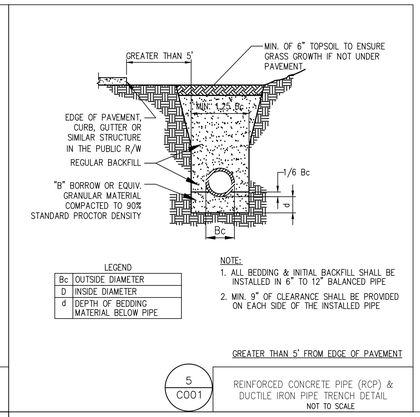
DRAWING
ELECTRICAL POWER DISTRIBUTION DIAGRAM

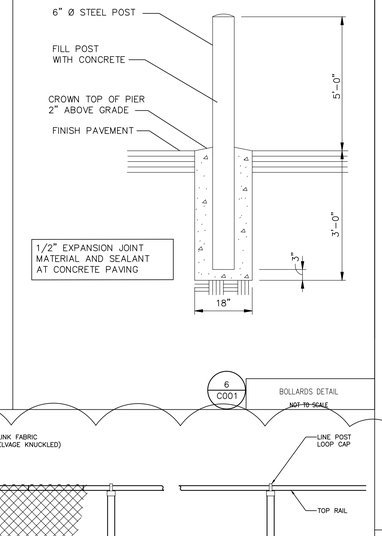
PROJECT
BLUE RIVER VALLEY ES - RENOVATIONS

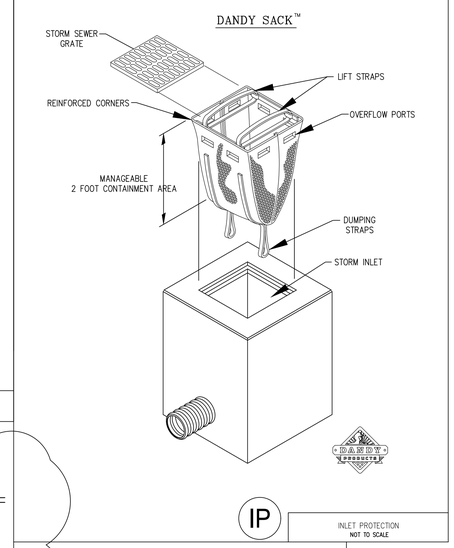
SHEET
E-701

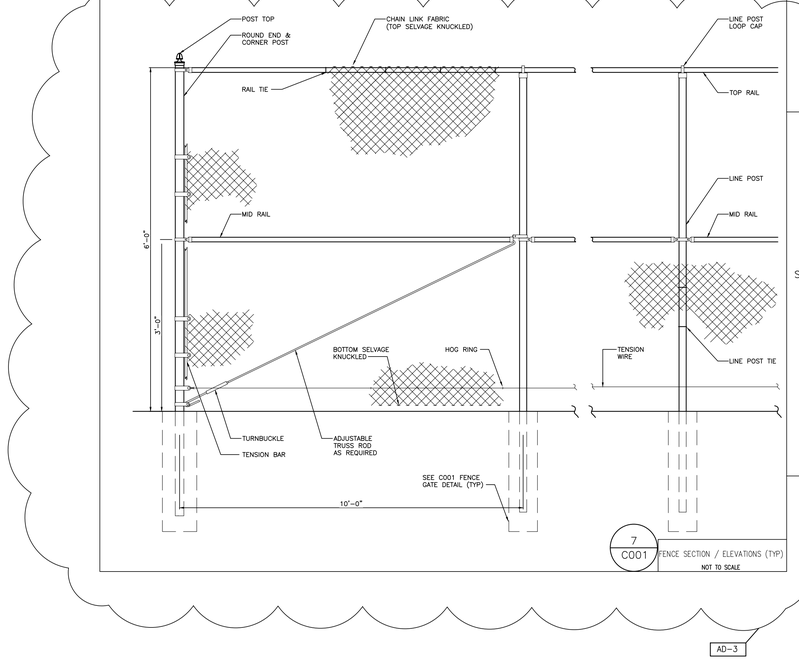


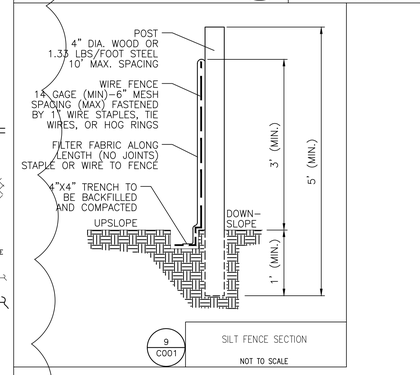












AD-3

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PROJECT
BLUE RIVER VALLEY JR-SR HIGH SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

GIBRALTAR DESIGN
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PROJECT 23-148
DATE 03/15/24
COORDINATED BY RM
DRAWN BY RM
CHECKED BY RM JPB

ROGER MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

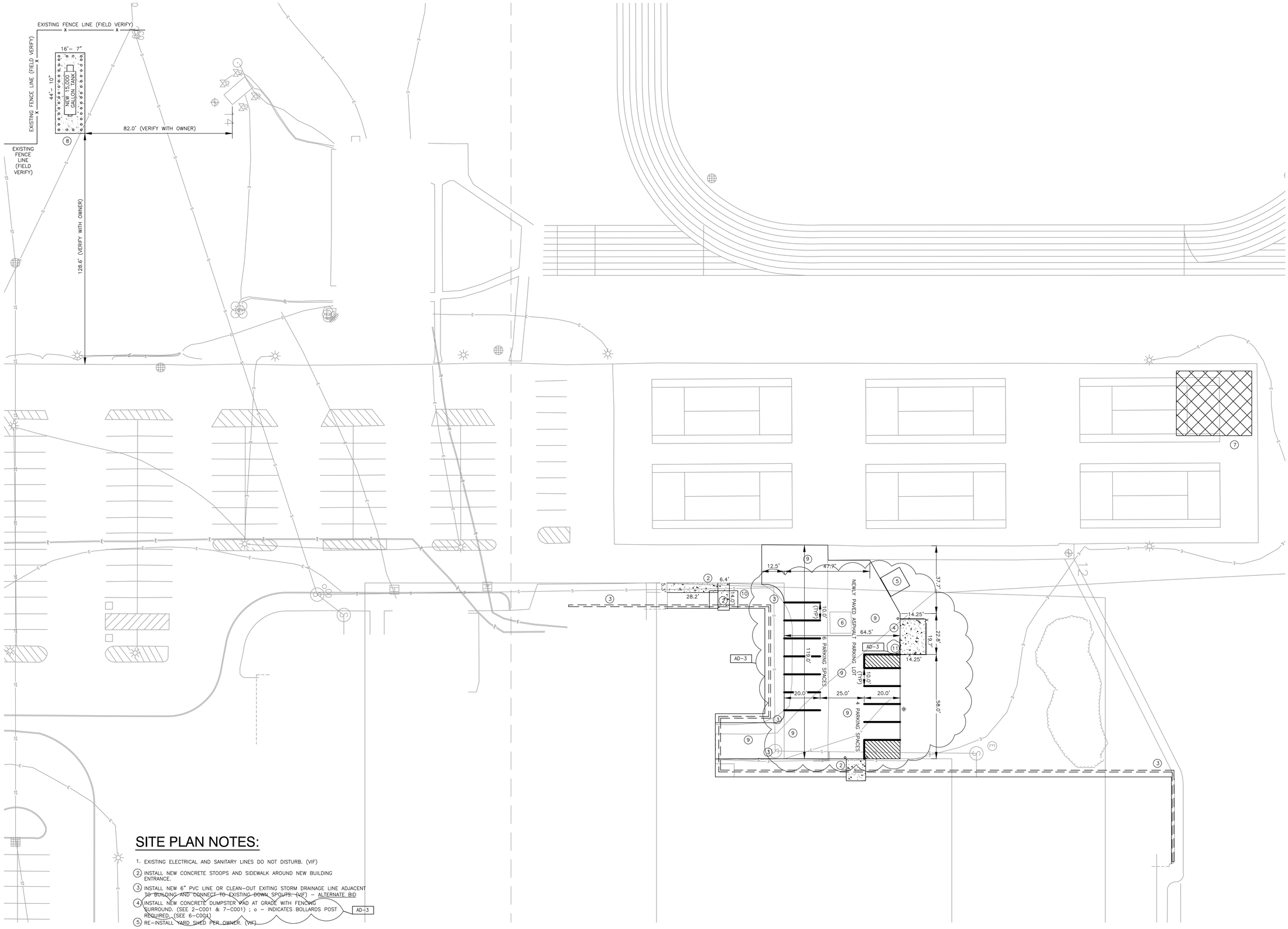
REVISIONS

MARK	DATE	ISSUED FOR
AD-3	4/26/24	ADDENDUM NO. 3

DRAWING
SITE DETAILS

PROJECT
BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

SHEET
C-001



SITE PLAN NOTES:

1. EXISTING ELECTRICAL AND SANITARY LINES DO NOT DISTURB. (VIF)
2. INSTALL NEW CONCRETE STOOPS AND SIDEWALK AROUND NEW BUILDING ENTRANCE.
3. INSTALL NEW 6" PVC LINE OR CLEAN–OUT EXITING STORM DRAINAGE LINE ADJACENT TO BUILDING AND CONNECT TO EXISTING DOWN SPOUTS. (VIF) – ALTERNATE BID
4. INSTALL NEW CONCRETE DUMPSTER PAD AT GRADE WITH FENCING SURROUND. (SEE 2–C001 & 7–C001) ; o – INDICATES BOLLARDS POST REQUIRED. (SEE 6–C001) — AD-3
5. RE–INSTALL YARD SHED PER OWNER. (VIF)
6. REMOVE EXISTING SHED TO BE RELOCATED AND ALL EXISTING ASPHALT WITHIN FOOT PRINT OF NEWLY PROPOSED PARKING AND DRIVE AREA. (SEE PLAN)
7. INSTALL NEW STORAGE FACILITY BUILDING ON EXISTING TENNIS COURT PAD AND COORDINATE FINAL LOCATION WITH OWNER. (SEE ARCH) – ALTERNATE BID
8. INSTALL NEW FUELING DEPT CONCRETE 6" SLAB ON GRADE WITH 30+ BOLLARDS. (SEE 2&6–C001) — AD-3
9. REMOVE EXISTING ASPHALT DRIVEWAY AND INSTALL MEDIUM DUTY ASPHALT. (SEE 1– C001): (VERIFY ACTUAL LOCATION IN FIELD) – ALTERNATE BID
10. INSTALL NEW CANOPY WITH STEEL COLUMNS AND BRICK WRAP PIERS SEE ARCH AND S101. – ALTERNATE BID.
11. INSTALL NEW 6'–0" SLIDING CHAIN LINK GATE CANOPY. (SEE 7–C001) — AD-3

PARTIAL SITE PLAN - NEW PAVED AREA & DRAINAGE IMPROVEMENTS

SCALE: 1" = 20'

SITE\DWG_HS SITE PLANS.DWG

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PROJECT
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PROJECT 23–148
DATE 03/15/24
COORDINATED BY RM
DRAWN BY RM
CHECKED BY RM DW

ROGER MALONE REGISTERED NO. PE 19800200 STATE OF INDIANA PROFESSIONAL ENGINEER

REVISIONS

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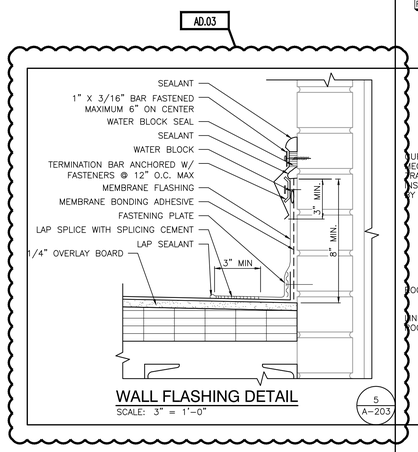
AD–3	4/26/24	ADDENDUM NO. 3

DRAWING
SITE CIVIL LAYOUT PLAN

PROJECT
BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

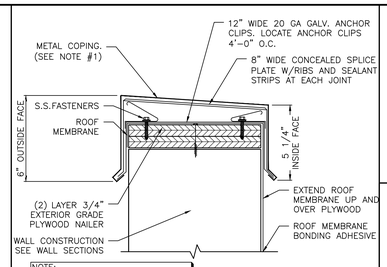
SHEET
CL101



WALL FLASHING DETAIL

SCALE: 3" = 1'-0"

5 / A-203

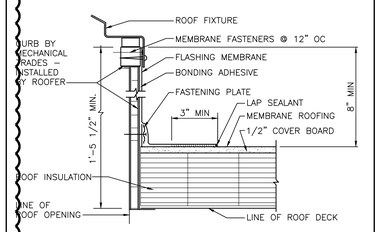


NOTE:
1) FASTEN COPING IN ACCORDANCE WITH CURRENT SMACNA AND FM RECOMMENDATIONS

ALTERNATE COPING CAP DETAIL

SCALE: 3" = 1'-0"

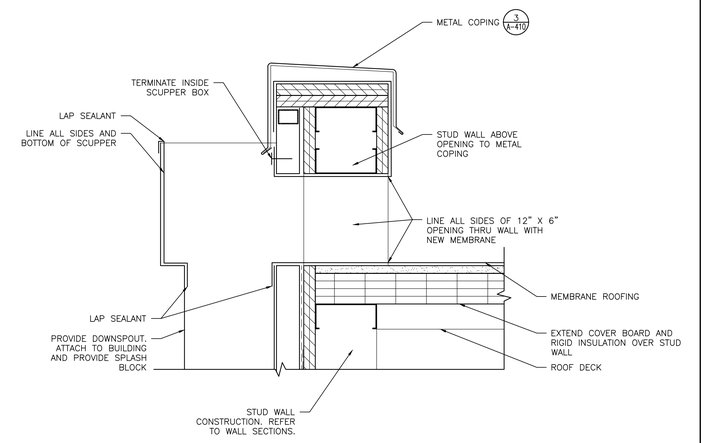
4 / A-202



ROOF CURB FLASHING DETAIL

SCALE: 3" = 1'-0"

3 / A-203



ALTERNATE SCUPPER DETAIL

SCALE: 3" = 1'-0"

2 / A-203

GENERAL ROOF PLAN NOTES:

A. FOR GENERAL NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATIONS, ETC. SEE SHEET G-301.

B. THERE MAY BE LOCATIONS ON NEW AND/OR EXISTING ROOF WHERE THE ROOF DECK MAY NOT BE STRUCTURALLY SOUND. CONTRACTORS SHOULD USE EXTREME CAUTION IN WORKING THESE ROOF AREAS TO MAINTAIN SAFE WORKING CONDITIONS.

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

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

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

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

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

H. FOR LOCATION AND QUANTITY OF ALL ROOFTOP MECHANICAL EQUIPMENT, REFER TO MECHANICAL DRAWINGS.

I. FOR LOCATION OF ALL NEW AND/OR EXISTING PLUMBING VENTS, REFER TO MECHANICAL ROOF PLANS.

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

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

L. PROVIDE FLASHING AND SADDLES FOR ALL EQUIPMENT PROVIDED UNDER MECHANICAL.

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

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

O. SADDLES AND TAPERED INSULATION SYMBOLS INDICATE DESIGN INTENT TO SLOPES TO DRAIN. ROOFING INSTALLER SHALL PROVIDE SUBMITTAL DRAWINGS FOR TAPERED INSULATION AND SADDLES TO ENSURE POSITIVE SLOPE.

P. ALL NEW WOOD BLOCKING AND NAILERS SHALL BE FIRE/MOISTURE TREATED WOOD.

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

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

S. REMOVE ALL ROOF GRAVEL, RESIDUE, AND ALL PROJECTIONS WHICH WOULD PREVENT THE NEW ROOF INSULATION FROM LAYING FLAT OVER THE ROOF SURFACES.

T. AT ALL NEW ROOF DRAINS AND/OR EXISTING ROOF DRAINS AT AREAS TO BE RE-ROOFED, REMOVE AND CLEAN ROOF DRAIN STRAINERS AND CLAMP RINGS. REINSTALL AFTER NEW ROOF INSULATION AND ROOFING MEMBRANE ARE IN PLACE, ANY BROKEN OR MISSING ROOF DRAIN STRAINER SHALL BE REPLACED WITH A NEW STRAINER.

U. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF ROOF TOP EQUIPMENT TO BE REMOVED.

V. ALL ROOF SADDLE SLOPES SHALL BE 1/2" PER 12".

W. DEMOLITION AND REMOVAL OPERATIONS ARE TO BE PERFORMED CARE-FULLY AND ALL PORTIONS OF THE BUILDING SHALL BE PROTECTED DURING THESE OPERATIONS. ITEMS TO BE REUSED AND REINSTALLED ARE TO BE CAREFULLY REMOVED AND STORED. DAMAGES INCURRED DURING REMOVAL OR STORAGE SHALL BE THE CONTRACTOR'S RESPONSIBILITY.

ROOF LEGEND:

- ELEVATION TOP OF NEW ROOF DECK
- EXHAUST FAN — 3/A-203
- INDICATES ROOF SLOPE (1/4" PER 12")
- INDICATES ROOF SADDLE SLOPE (1/2" PER 12")
- HATCH PATTERN INDICATES NEW ROOFING SYSTEM.

ROOF TYPES:

A NEW FLAT METAL DECK; PROVIDE NEW ROOF SYSTEM. NEW ROOFING SYSTEM SHALL BE 0.060" EPDM FULLY-ADHERED SINGLE-PLY MEMBRANE OVER 1/2" COVER BOARD OVER TAPERED (1/4" PER FOOT) POLYISOCYANURATE INSULATION WITH MINIMUM 2" THICKNESS AND MINIMUM AVERAGE THICKNESS OF 4".

E EXISTING ROOFING SYSTEM SHALL REMAIN EXCEPT AS NOTED. PROTECT FROM ADJACENT ROOF WORK.

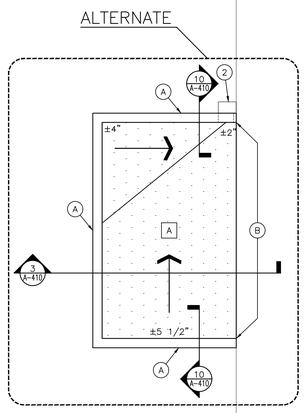
ROOF EDGE DETAILS:

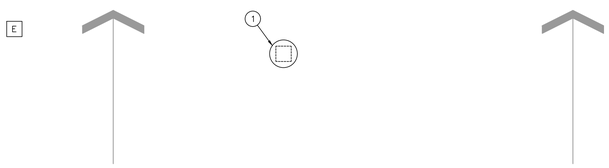
- A COPING DETAIL — 4/A-203
- B FLASHING — 5/A-203

ROOF PLAN NOTES:

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

1. EXHAUST FAN. REFER TO MECHANICAL
2. SCUPPER BOX — 2/A-203





UNIT "C" PARTIAL ROOF PLAN

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

NORTH

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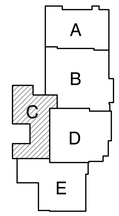
PROJECT
BLUE RIVER VALLEY JR-SR HIGH SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-148
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD.01	04/17/24	ADDENDUM NO. 01
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING
UNIT "C" PARTIAL ARCHITECTURAL ROOF PLAN

PROJECT
BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

SHEET C A-203

Thursday, 4/25/2024 - 12:43 PM - LAST SAVED BY:CDAVIS
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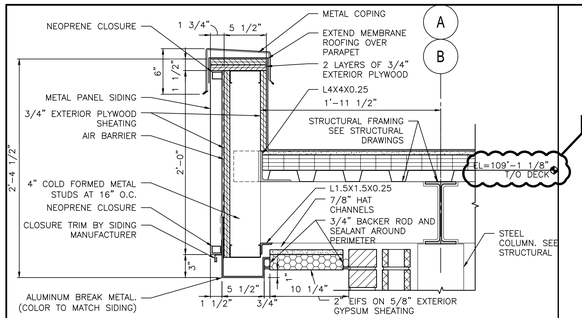
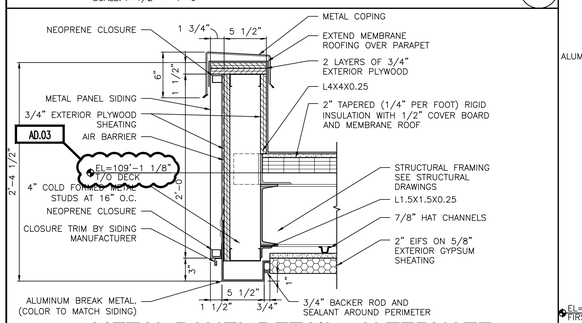


METAL PANEL DETAIL - ALTERNATE

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

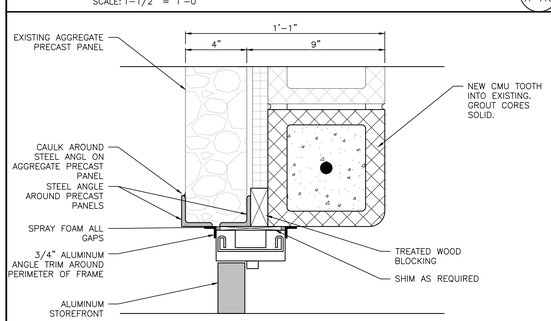
10 / A-410



METAL PANEL DETAIL - ALTERNATE

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

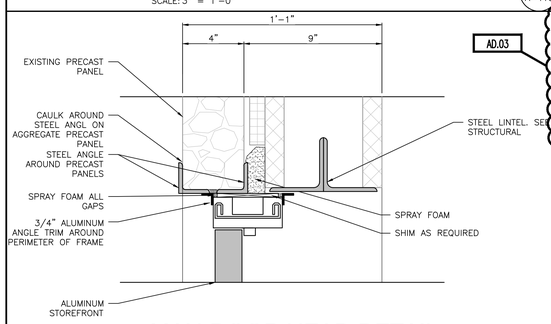
9 / A-410



MAN-DOOR JAMB DETAIL

SCALE: 3" = 1'-0"

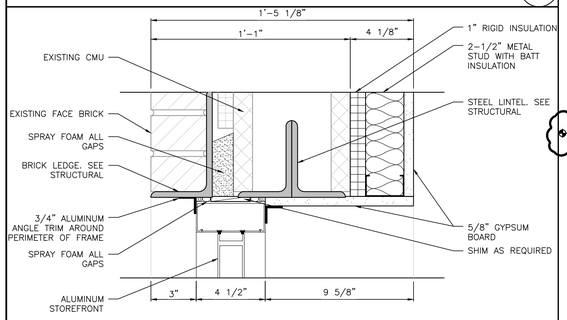
8 / A-410



MAN-DOOR HEAD DETAIL

SCALE: 3" = 1'-0"

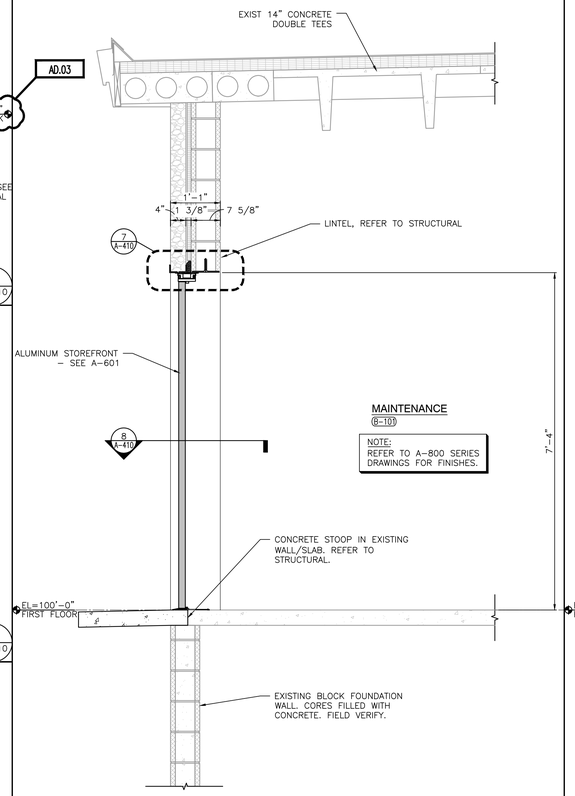
7 / A-410



STOREFRONT HEAD DETAIL

SCALE: 3" = 1'-0"

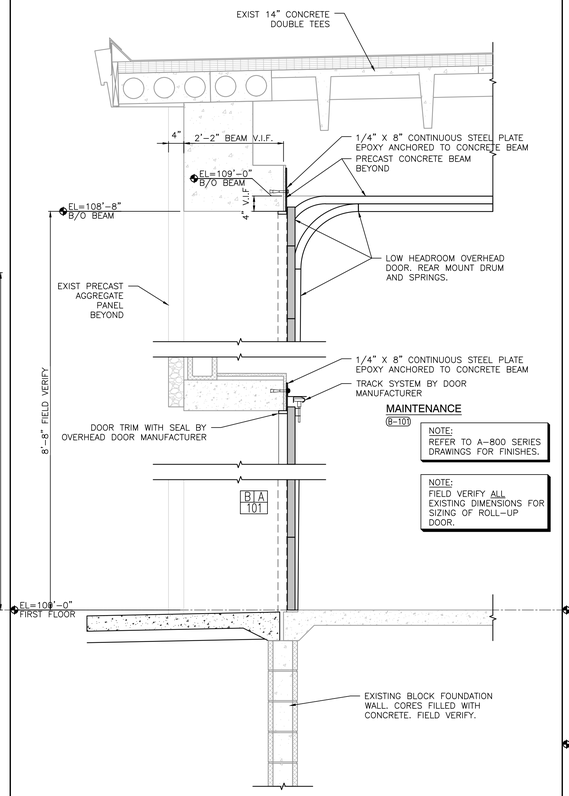
6 / A-410



WALL SECTION

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

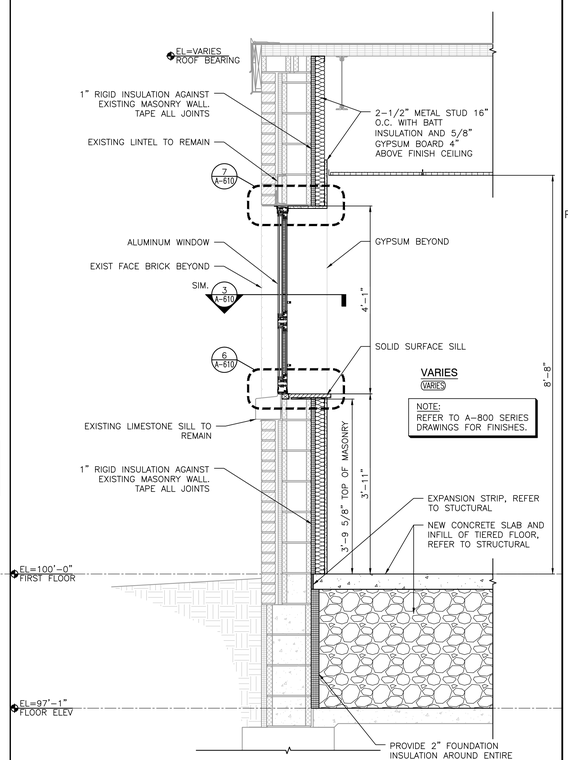
5 / A-410



WALL SECTION

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

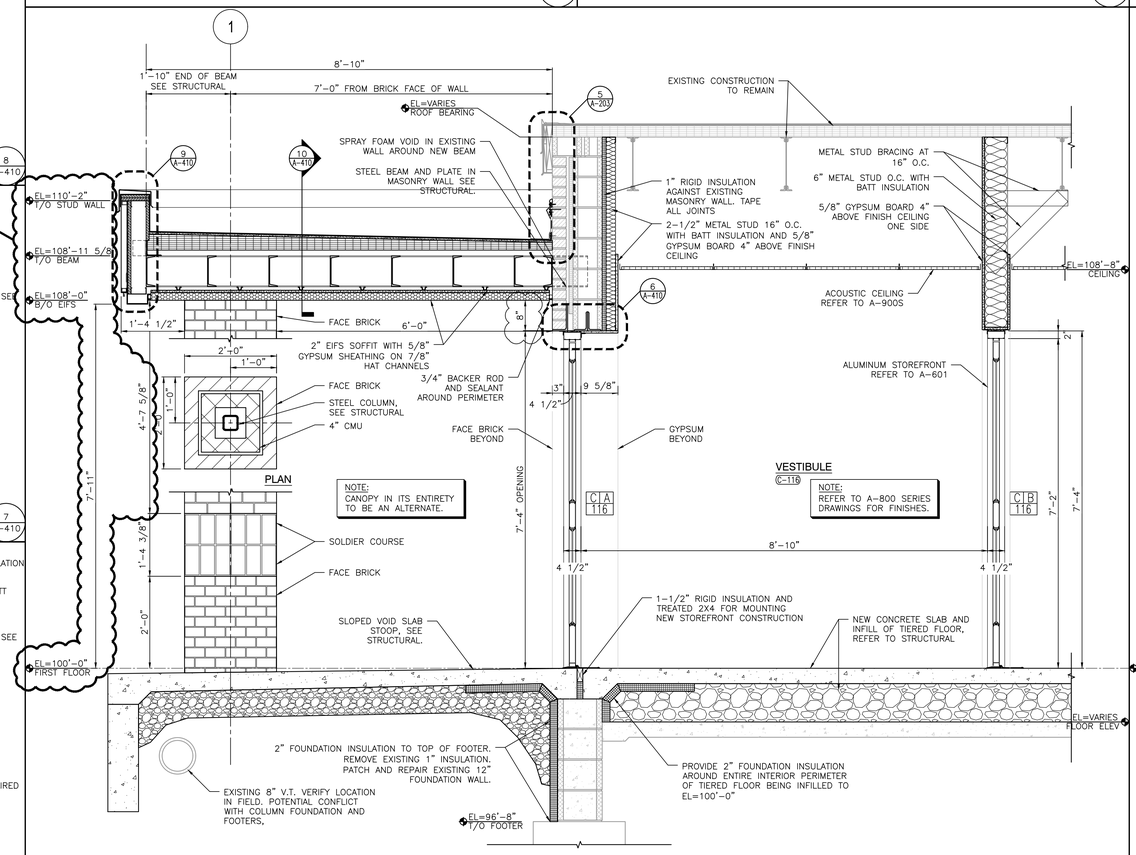
4 / A-410



WALL SECTION

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

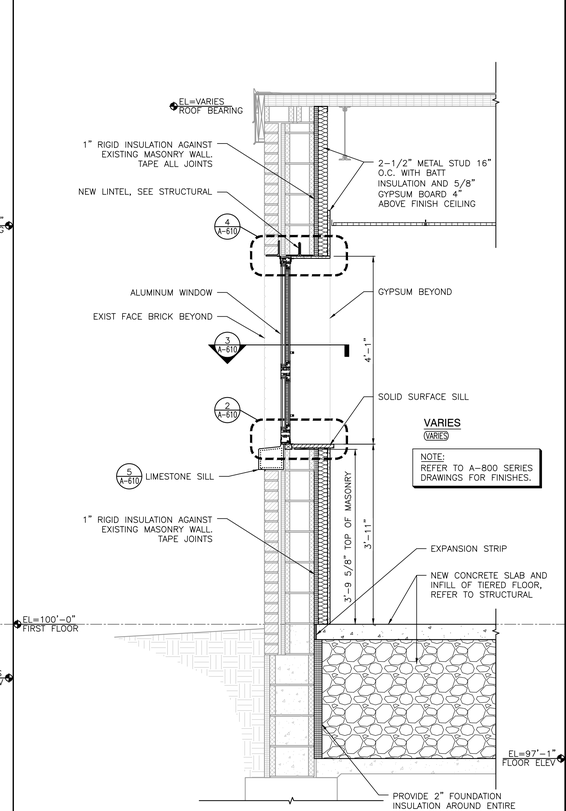
2 / A-410



WALL SECTION

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

3 / A-410



WALL SECTION

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

1 / A-410

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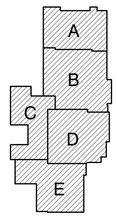
PROJECT

BLUE RIVER VALLEY JR-SR HIGH SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-148
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB

REVISIONS

MARK	DATE	ISSUED FOR
AD.03	04/26/24	ADDENDUM NO. 3

DRAWING

WALL SECTIONS

PROJECT

BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

SHEET

A-410

Thursday, 4/25/2024 - 12:17 PM - LAST SAVED BY:CDAVIS
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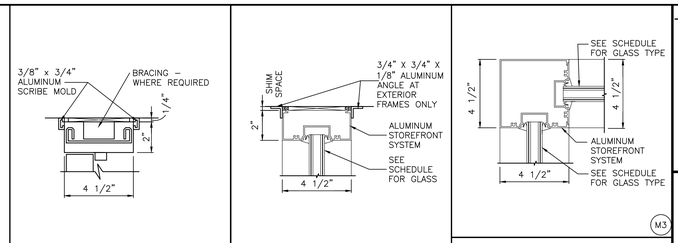
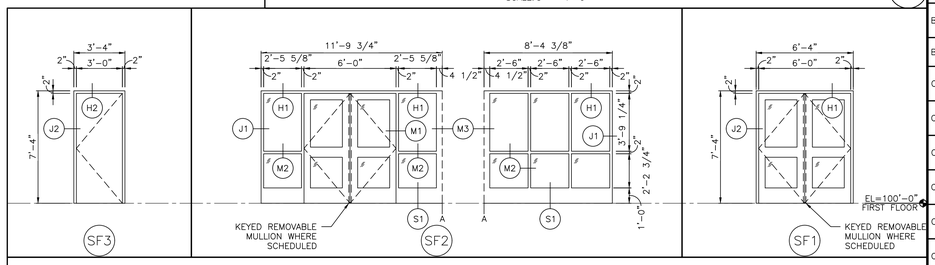


STOREFRONT FRAME DETAILS

SCALE: 3" = 1'-0"

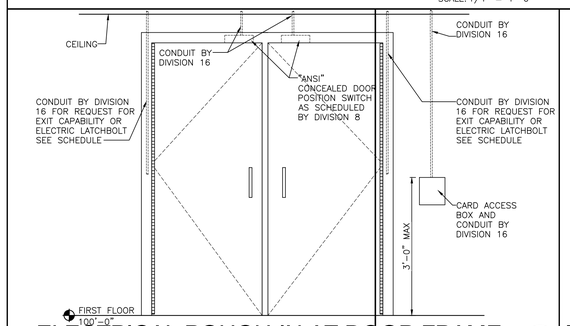
7 A-601



STOREFRONT ELEVATIONS

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

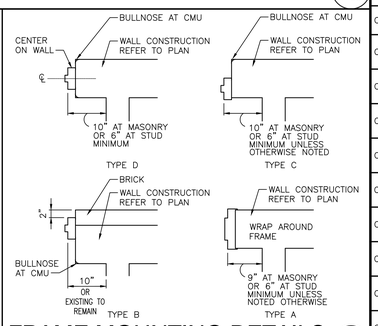
6 A-601



ELECTRICAL ROUGH-IN AT DOOR FRAME

SCALE: NTS

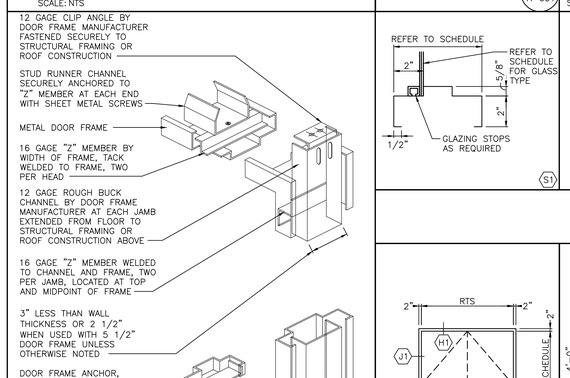
5 A-601



FRAME MOUNTING DETAILS

SCALE: NTS

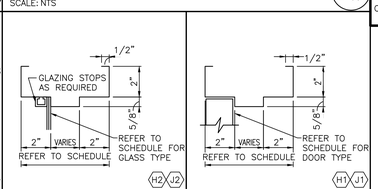
4 A-601



TYPICAL HEAD & JAMB ANCHORAGE

SCALE: NTS

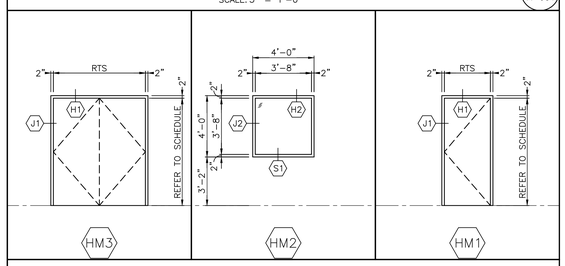
3 A-601



HOLLOW METAL DETAILS

SCALE: 3" = 1'-0"

2 A-601



HOLLOW METAL FRAME ELEVATIONS

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

1 A-601

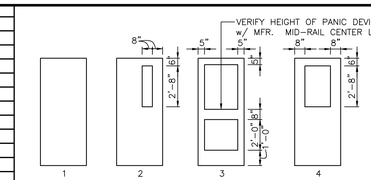
GENERAL DOOR NOTES

A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN AND WALL SECTIONS FOR WALL MATERIALS. REFER TO A800 SERIES DRAWINGS FOR WALL FINISHES.
B. SEAL ALL JAMBS AND HEADS WHERE FRAMES MEET EXPOSED MASONRY AND/OR GYPSUM BOARD.
C. PROVIDE A SCRIBE MOLD AT ALL EXTERIOR DOOR FRAMES AND WHERE NOTED ON DRAWINGS. SCRIBE MOLD TO BE 3/4" X 3/4" METAL AT EXTERIOR OF METAL FRAMES AND AT BOTH SIDES OF ALUMINUM FRAMES. SET SCRIBE MOLDS IN SEALANT.
D. PROVIDE GLAZING AND GLASS STOPS AS REQUIRED.
E. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS, BOTH NEW AND EXISTING.
F. SHIM SPACE IS NOT SHOWN ON DOOR FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.
G. FOR DOOR POSITION WITHIN WALL REFER TO FRAME MOUNTING DETAIL 4–A601.
H. FOR ELECTRICAL ROUGH–IN AT DOORS REFER TO DETAIL 5–A601.
I. FOR HOLLOW METAL FRAME ELEVATIONS (HM) REFER TO 1–A601. FOR HOLLOW METAL (HM) FRAME DETAILS REFER TO 2–A601.
J. FOR ALUMINUM STOREFRONT ELEVATIONS (SF) REFER TO 6–A603. FOR STOREFRONT (SF) FRAME PROFILES REFER TO 7–A601.
K. GLASS NOTED IN SIDELIGHT COLUMN FOR STOREFRONT WITH NO DOOR APPLIES TO ALL OPENINGS IN FRAME UNLESS NOTED OTHERWISE.
L. REFER TO FLOOR PLANS FOR LOCATIONS OF NEW AND EXISTING ADA PUSH PADS FOR POWER ASSISTED OPERATORS.
M. WHERE FRAMES INDICATE 2 OF MORE OPENINGS FOR DOORS, EACH SINGLE OR PAIR OF DOORS IS SCHEDULED SEPARATELY AND FRAME INDICATED.

DOOR SCHEDULE NOTES (REMARKS):

1. PANIC DEVICE TO HAVE ELECTRIC LATCH BOLT. PREPARE FRAME FOR ELECTRIFIED HINGE.
2. DOOR TO BE CONTROLLED BY CARD READER/FOB. REFER TO ELECTRICAL DRAWINGS FOR ROUGH IN.
3. PROVIDE POWER ASSISTED OPERATOR ON ONE LEAD OF DOUBLE DOORS.
4. KEYED REMOVABLE MULLION.
5. PROVIDE DOOR RELEASE ON AI PHONE LOCATED AT RECEPTION DESK.
6. EXISTING DOOR FRAME TO REMAIN AND RECEIVE NEW DOOR.
7. DOOR TO RECEIVE 180° HINGES.
8. DOOR TO BE CONTROLLED BY DOOR BELL WITH BUZZER.
9. PROVIDE DOOR RELEASE BUTTON LOCATED AT RECEPTION DESK AND IN OFFICE C–118.
10. PROVIDE DOOR POSITION SWITCH.

GLASS SCHEDULE	
MK	GLASS TYPES
A	1/4" CLEAR TEMPERED
B	1" INSUL. GLASS
C	1/4" FIRE RATED



DOOR AND FRAME SCHEDULE

	DOOR					GLASS			FRAME					LABEL	HARDWARE		NOTES
NO	DESCRIPTION	TYPE	DOOR SIZE (WxH) (INCHES)	MATERIAL	LOU	DOOR	SIDE LGT	TRA	MAT'L	WIDTH	JAMB	HEAD	SILL	ELEV		EXIT DEVICE	CLOSER	
B–101A	DOUBLE	1	PR 36 x 84	WD		–	–	–	HM	5 5/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM3			YES	7
B–101B	SINGLE	1	36 x 84	AL		–	–	–	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF3			YES	2,8,10
B–101C	OVERHEAD	N/A	124 x 84	AL		–	–	–	AL	3"	–	–	–	–				
C–107A	SINGLE	1	36 x 84	WD		–	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1				
C–108B	SINGLE	1	24 x 84	WD		–	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1				
C–109A	SINGLE	1	36 x 84	WD		–	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1				7
C–109B	SINGLE	1	36 x 84	WD		–	–	–	HM	10 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1				7
C–110A	SINGLE	2	36 x 84	WD		C	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1	20MIN	YES	YES	1,2
C–111A	SINGLE	2	36 x 84	WD		A	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1	20MIN		YES	2
C–111B	SINGLE	2	36 x 84	WD		A	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1	AD.03		YES	
C–112A	DOUBLE	1	PR 30 x 82	WD		–	–	–	EX	VIF	VIF	VIF	VIF	VIF		–	–	6
C–113A	SINGLE	2	36 x 84	WD		A	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1				
C–114A	SINGLE	1	36 x 84	WD		–	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1			YES	
C–115A	SINGLE	1	36 x 84	WD		–	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1			YES	
C–116A	DOUBLE	3	PR 36 x 84	AL		B	B	–	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF1		YES	YES	1,2,3,4, 5,9,10
C–116B	DOUBLE	3	PR 36 x 84	AL		B	B	–	AL	4 1/2"	SEE ELEV	SEE ELEV	SEE ELEV	SF2		YES	YES	1,3,4
C–118A	SINGLE	2	36 x 84	WD		A	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1				
C–118B	BORROWED LIGHT	N/A	N/A	–		A	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM2				
C–119A	SINGLE	2	36 x 84	WD		A	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1				
C–120A	SINGLE	1	36 x 84	WD		–	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1				
C–121A	SINGLE	2	36 x 84	WD		A	–	–	HM	8 3/8"	SEE ELEV	SEE ELEV	SEE ELEV	HM1				

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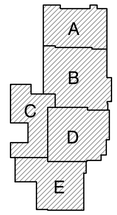
PROJECT
BLUE RIVER VALLEY JR-SR HIGH SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23–148
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY CND
CHECKED BY BCB

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

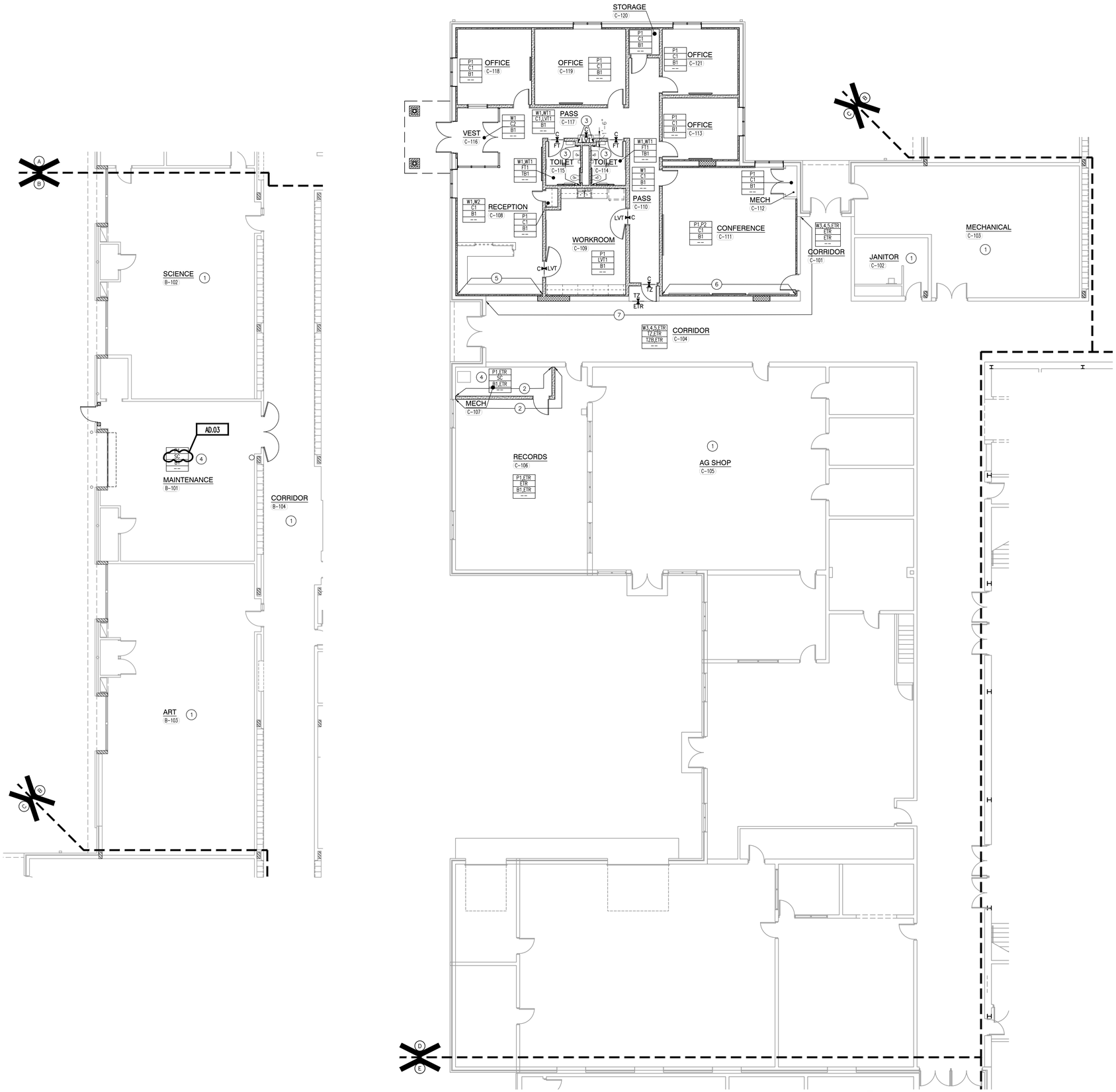
MARK	DATE	ISSUED FOR
AD.01	04/17/24	ADDENDUM NO. 01
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING
DOOR SCHEDULE, FRAME PROFILES, ELEVATIONS, AND DETAILS

PROJECT
BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

SHEET
A-601

Friday, 4/26/2024 – 9:31 AM – LAST SAVED BY:CDAVIS
Y:\23-148 BLUE RIVER VALLEY SC – BLUE RIVER VALLEY JR-SR HS RENOVATIONS\23-148 DRAWINGS\05 ARCH\A-601.DWG



PARTIAL UNIT "B" AND UNIT "C" FIRST FLOOR FINISH PLAN

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

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. 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 UTHERWISE.

K. 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.

L. PAINT ALL SIDES OF NEW DOOR FRAMES P3 UNLESS NOTED OTHERWISE.

M. EXPOSED SURFACES OF DUCTWORK TO BE PAINTED TO MATCH ADJACENT SURFACES UNLESS NOTED OTHERWISE.

AD.03

FINISH SYMBOL LEGEND:

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

FLOOR TRANSITION STRIP AS REQUIRED

INDICATES DIRECTION OF MATERIAL GRAIN

FINISH PLAN NOTES:

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

1. NO NEW FINISHES THIS ROOM, EXCLUDING DOOR FRAMES CONNECTED TO OTHER ROOMS THAT RECEIVE NEW FINISHES.
2. MATCH EXISTING WALL FINISHES, WALL PAINT AND PROVIDE NEW BASE.
3. WALL TILE, WT1
4. EXPOSED STRUCTURE, NON-PAINTED.
5. WALLCOATING, W2
6. PAINT, P2
7. MATCH EXISTING WALL PAINT STRIPE PATTERN. INFILL WITH NEW TERRAZZO WALL BASE AS REQUIRED, TZB.

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PROJECT
BLUE RIVER VALLEY JR-SR HIGH SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
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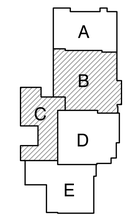

KEY PLAN

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PROJECT 23-148
DATE 03/15/24
COORDINATED BY BCB
DRAWN BY EKM
CHECKED BY BCB

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD.03	04/26/24	ADDENDUM NO. 03

DRAWING
PARTIAL UNIT "B" AND "C" FIRST FLOOR FINISH PLAN

PROJECT
BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

SHEET
B&C A-803

Tuesday, 4/30/2024 - 2:22 PM - LAST SAVED BY:CDAVIS
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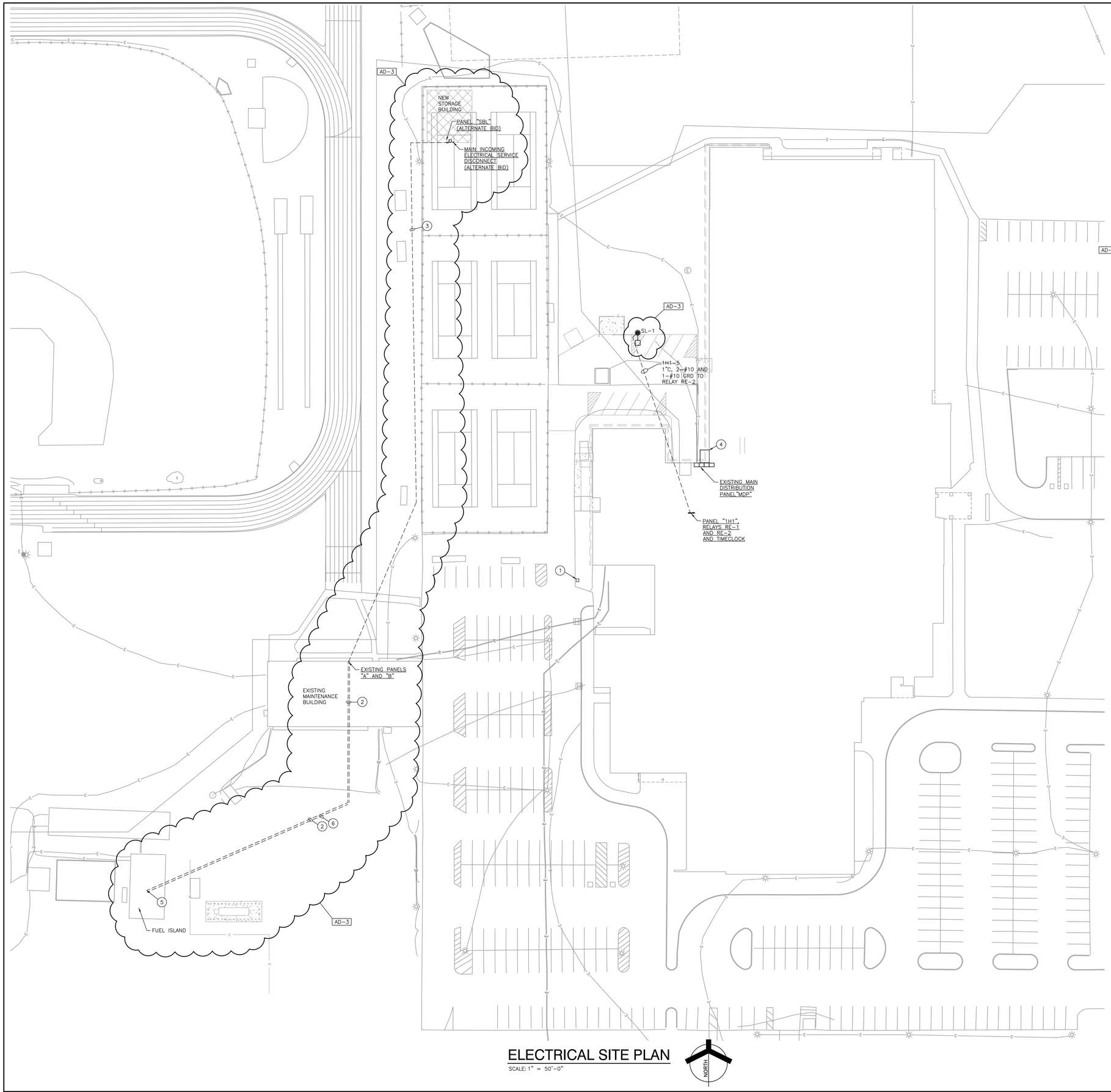

ELECTRICAL SITE PLAN

SCALE: 1" = 50'-0"

NORTH

SITE PLAN NOTES - GENERAL

1. ALL WORK SHOWN ON THIS SHEET IS NEW AND BY THE ELECTRICAL TRADES, UNLESS OTHERWISE INDICATED.
2. COORDINATE LOCATIONS OF UNDERGROUND CONDUITS, HANDHOLES AND MANHOLES WITH OTHER SITE UTILITIES, UNDERGROUND DRAINS, SERVICES, STRUCTURES AND FINAL GRADING.
3. NOT ALL UTILITIES HAVE BEEN SHOWN. VERIFY LOCATIONS AND ROUTING OF ALL NEW AND EXISTING UTILITIES PRIOR TO ANY NEW WORK.
4. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
5. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
6. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.

ELECTRICAL SITE PLAN NOTES:

(THESE NOTES APPLY TO THIS SHEET ONLY)

1. FLUSH IN-GROUND PULL BOX.
2. ROUTE FEEDERS AND CIRCUITS TO THE FUEL ISLAND UP THE WALL, OVERHEAD, DOWN THE WALL AND THEN UNDERGROUND TO THE FUEL ISLAND. SEE POWER DISTRIBUTION DIAGRAM ON SHEET E-701 FOR FEEDER INFORMATION. AD-3
3. UNDERGROUND FEEDER TO THE NEW STORAGE BUILDING. SEE POWER DISTRIBUTION DIAGRAM ON SHEET E-701 FOR FEEDER INFORMATION. (ALTERNATE BID).
4. EXISTING UTILITY COMPANY PAD MOUNTED TRANSFORMER.
5. NEW WEATHERPROOF DISCONNECTS AND TRANSFORMER FOR SERVICE TO FUEL ISLAND. PROVIDE A WEATHERPROOF GFI TYPE DUPLEX POWER RECEPTACLE. PROVIDE THE APPROPRIATE GALVANIZED STRUCTURAL STEEL CHANNEL SUPPORTS FOR THE ELECTRICAL EQUIPMENT AND RECEPTACLE. ALL WORK SHALL COMPLY WITH ALL APPLICABLE CODES AND ORDINANCES, INCLUDING THE CODES AND ORDINANCES THAT APPLY TO HAZARDOUS EQUIPMENT INSTALLATIONS. COORDINATE EXACT ELECTRICAL REQUIREMENTS WITH FUEL ISLAND INSTALLER AND CONSTRUCTION MANAGER AND PROVIDE ALL LABOR AND MATERIAL TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM. IN ADDITION, COORDINATE EXACT LOCATION WITH THE CONSTRUCTION MANAGER, ARCHITECT AND FUEL ISLAND INSTALLER PRIOR TO ROUGHING-IN.
6. CONNECT NEW RECPTACLE AT FUEL ISLAND TO SPARE CIRCUIT B-31 IN EXISTING PANEL "B" IN EXISTING MAINTENANCE BUILDING WITH 1"C, 2-#6 AND 1-#10 GRD TO RECEPTACLE AT FUEL ISLAND.

GIBRALTAR DESIGN
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PROJECT

BLUE RIVER VALLEY JR-SR HIGH SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

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PROJECT 23-148
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB JVC
CHECKED BY DJW

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

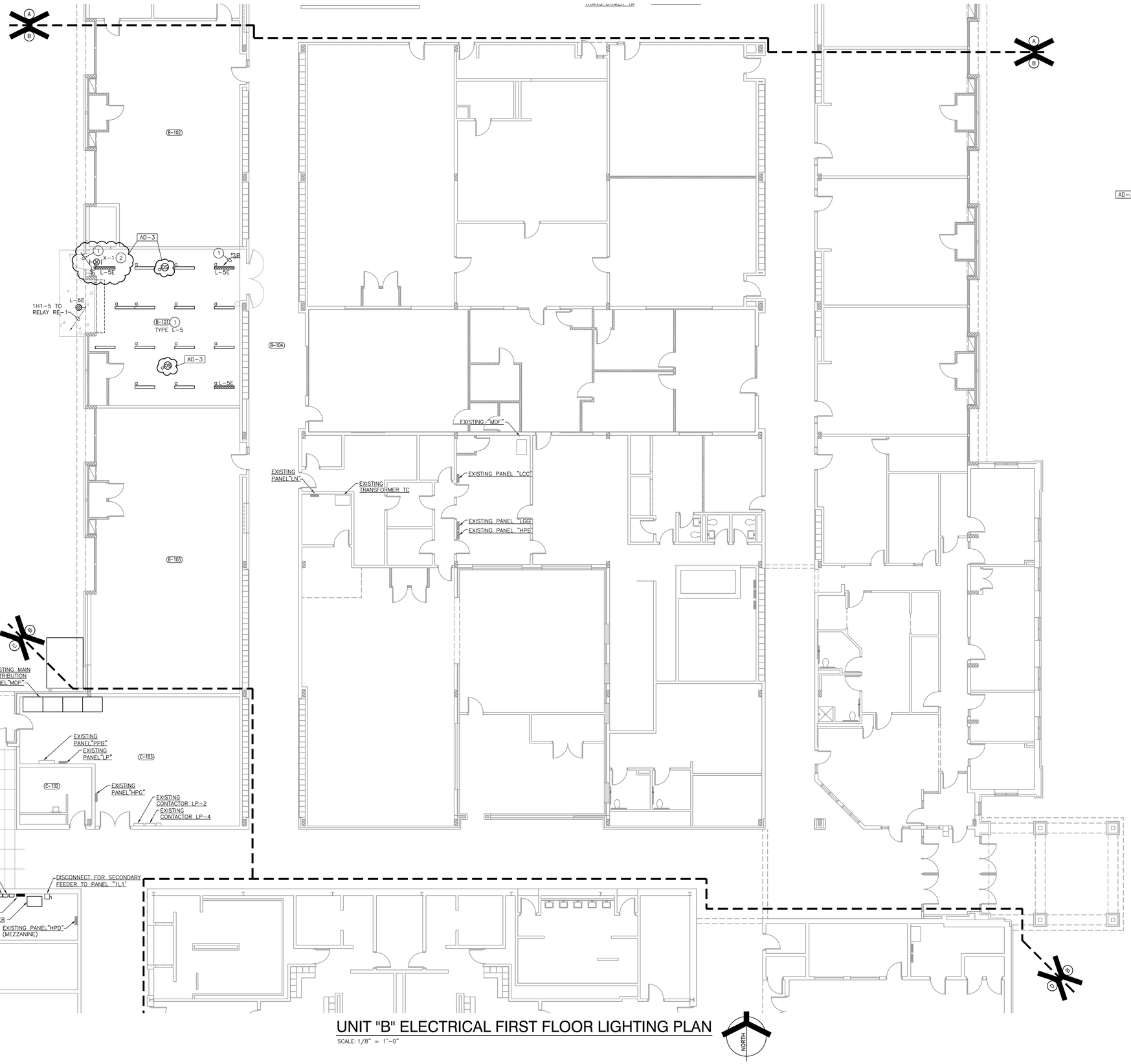
DRAWING
ELECTRICAL SITE PLAN

PROJECT
BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

SHEET
ES101

Wednesday, 4/24/2024 - 10:57 AM - LAST SAVED BY:JCHAMBERS
Y:\23-148 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY JR-SR HS RENOVATIONS\23-148 DRAWINGS\09 ELEC\ES101.DWG

ROOM LEGEND	
ROOM NO.	ROOM NAME
B-101	MAINTENANCE
B-102	SCIENCE
B-103	ART
B-104	CORRIDOR



UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN

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

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.

ELECTRICAL PLAN NOTES:

(ALL PLAN NOTES MAY NOT APPLY TO THIS SHEET.)

AD-3

1. CONNECT NEW LIGHTING FIXTURES IN THIS ROOM TO THE NEW LIGHT SWITCHES UTILIZING THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM.
2. CONNECT NEW EXIT SIGN TO THE EXISTING LIGHTING CIRCUIT SERVING THIS ROOM AHEAD OF ANY CONTROLS.

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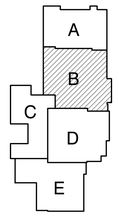
PROJECT

BLUE RIVER VALLEY JR-SR HIGH SCHOOL - RENOVATIONS

BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-148
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJW

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

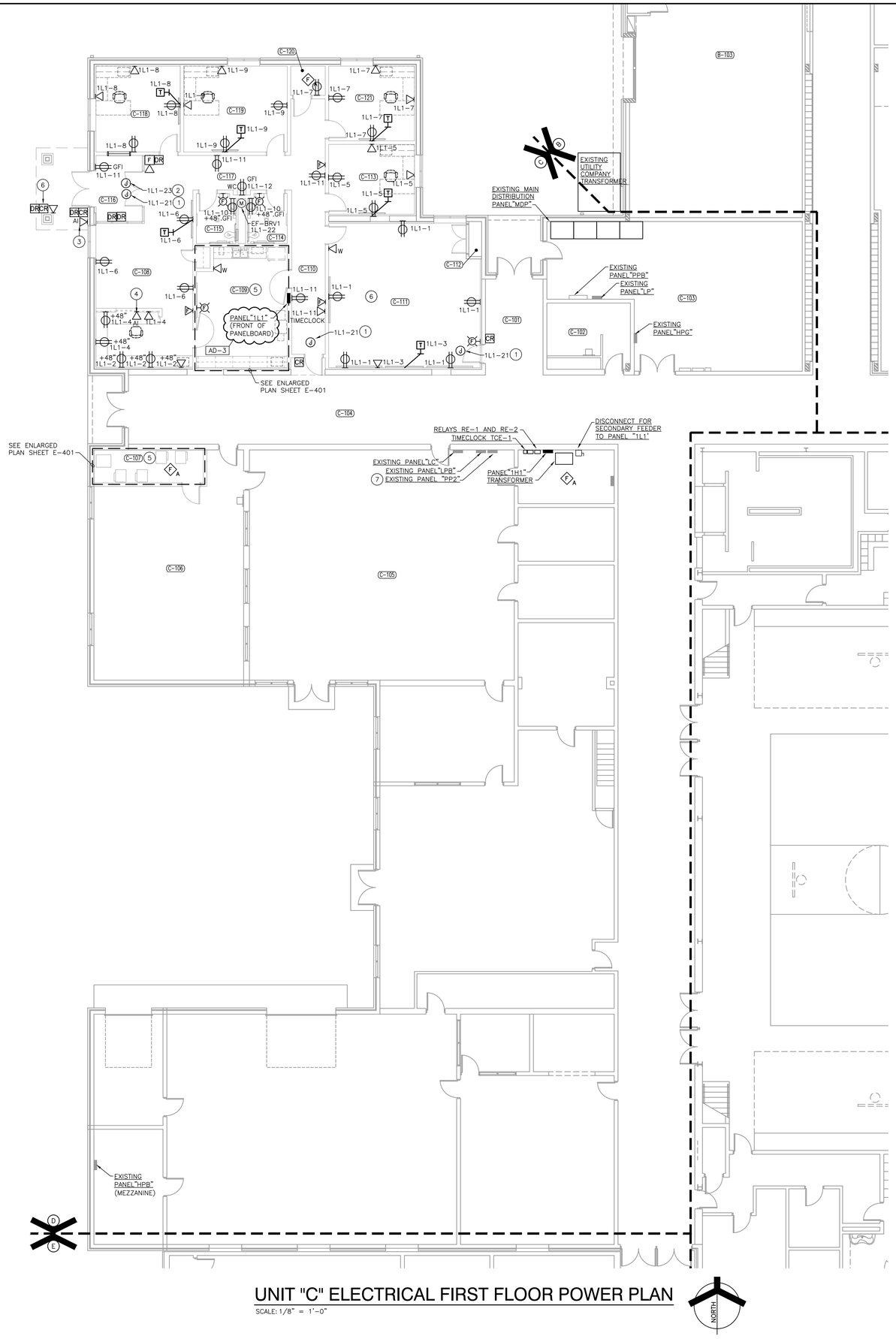
REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "B" ELECTRICAL FIRST FLOOR LIGHTING PLAN

PROJECT
BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

SHEET B E-102



UNIT "C" ELECTRICAL FIRST FLOOR POWER PLAN

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

GENERAL NOTES:

1. FOR ADDITIONAL GENERAL ELECTRICAL NOTES, SEE GENERAL ELECTRICAL PROJECT NOTES ON SHEET E-001.
2. SEE E-600 SHEETS FOR ELECTRICAL DETAILS AND SCHEDULES.
3. SEE E-700 SHEETS FOR ELECTRICAL DISTRIBUTION DIAGRAMS.
4. COORDINATE AND VERIFY EXACT LOCATION AND ELECTRICAL REQUIREMENTS OF ALL VIDEO OUTLETS WITH OWNER, CONSTRUCTION MANAGER AND ARCHITECT PRIOR TO ROUGHING-IN.

ELECTRICAL PLAN NOTES:

(ALL PLAN NOTES MAY NOT APPLY TO THIS SHEET.)

1. PROVIDE POWER CONNECTION FOR CARD READERS.
2. PROVIDE POWER CONNECTION FOR AUTOMATIC DOORS.
3. AUDIO/VIDEO INTERCOM ENTRY STATION.
4. AUDIO/VIDEO INTERCOM MASTER STATION.
5. SEE ENLARGED PLAN ON SHEET E-401 FOR ADDITIONAL WORK IN THIS ROOM.
6. CANOPY ALTERNATE BID LOCATION FOR ADA PUSH PAD FOR AUTOMATIC DOORS, CARD READER AND AUDIO/VIDO INTERCOM ENTRY STATION.
7. MODIFY EXISTING PANEL "PP2" AS SHOWN ON THE PANEL SCHEDULE ON SHEET E-602.

ROOM LEGEND

ROOM NO.	ROOM NAME
C-101	CORRIDOR
C-102	JANITOR
C-103	MECHANICAL
C-104	CORRIDOR
C-105	AG SHOP
C-106	RECORDS
C-107	MECHANICAL
C-108	RECEPTION
C-109	WORKROOM
C-110	PASSAGE
C-111	CONFERENCE
C-112	MECHANICAL
C-113	OFFICE
C-114	TOILET
C-115	TOILET
C-116	VESTIBULE
C-117	PASSAGE
C-118	OFFICE
C-119	OFFICE
C-120	STORAGE
C-121	OFFICE

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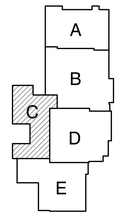
PROJECT
BLUE RIVER VALLEY JR-SR HIGH SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA



KEY PLAN

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PROJECT 23-148
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJW

DALE J. WACKER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
UNIT "C" ELECTRICAL FIRST FLOOR POWER PLAN

PROJECT
BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

SHEET C E-203

Wednesday, 4/24/2024 - 12:14 PM - LAST SAVED BY:JCHAMBERS
Y:\23-148 BLUE RIVER VALLEY SC - BLUE RIVER VALLEY JR-SR HS RENOVATIONS\23-148 DRAWINGS\09 ELEC\E-203.DWG

BLUE RIVER VALLEY JR-SR HIGH SCHOOL PANELBOARD SCHEDULE

MARK & TYPE	REMARKS
"1L1" TYPE;SQ D NQ OR APPROVED EQUAL 120/208V, 3 PH, 4W 225 AMP MAIN LUGS NEMA 1 FLUSH MOUNTED	BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS. CIRCUIT BREAKERS SHALL HAVE MINIMUM 22,000 AMP INTERRUPTING CAPACITY - TYPE QOB-BH.

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
C111 RECPS	1	1	20		0.90		0.90									
					0.54		0.54						1	20	2	C108 RECPS
C111 RECPS	3	1	20		0.72			0.72								
					0.54			0.54					1	20	4	C108 RECPS
C113 RECPS	5	1	20		1.08				1.08							
					0.90				0.90				1	20	6	C108 RECPS
C121 RECPS	7	1	20		1.08		1.08									
					1.44		1.44						1	20	8	C118 RECPS
C119 RECPS	9	1	20		1.08			1.08								
					0.36			0.36					1	20	10	C114,115 RECPS
C110,117 RECPS	11	1	20		0.72				0.72							
					0.18				0.18				1	20	12	C117 RECP (WC)
C109 RECP	13	1	20		0.36		0.36									
					1.50		1.50						1	20	14	C109 RECP (COFFEE MAKER)
C109 RECP	15	1	20		0.18			0.18								
					1.50			1.50					1	20	16	C109 RECP (MICROWAVE)
C109 RECP	17	1	20		0.18				0.18							
					1.50				1.50				1	20	18	C109 RECP (REFRIGERATOR)
C109 RECP (COPIER)	19	1	20		1.50		1.50									
					1.50		1.50						1	20	20	C109 RECP (DISPOSAL)
C-107 RECP	21	1	20		0.18			0.18								
						0.30		0.30					1	20	22	EF-BRV1 (1/15 HP)
SPARE	23	1	20													
													1	20	24	SPARE
SPARE	25	1	20													
													1	20	26	SPARE
SPARE	27	1	20													
													1	20	28	SPARE
SPARE	29	1	20													
													1	20	30	SPARE
SPARE	31	1	20													
													1	20	32	SPARE
SPARE	33	1	20													
													1	20	34	SPARE
SPARE	35	1	20													
													1	20	36	SPARE
SPARE	37	1	20													
													1	20	38	SPARE
SPARE	39	1	20													
													1	20	40	SPARE
SPARE	41	1	20													
													1	20	42	SPARE
TOTAL CONNECTED LOAD (kVA)					17.94	0.30	8.82	4.86	4.56							
TOTAL DEMAND LOAD (kVA)					13.97	0.30										

BLUE RIVER VALLEY JR-SR HIGH SCHOOL PANELBOARD SCHEDULE

MARK & TYPE	REMARKS
"1H1" TYPE: SQ D NF OR APPROVED EQ 277/480V, 3 PH, 4W 225 AMP MAIN LUGS NEMA 1 SURFACE MOUNTED	BRANCH CIRCUITS SHALL BE CIRCUIT BREAKERS. CIRCUITS SHALL HAVE MINIMUM 35,000 AMP INTERRUPTING CAPACITY.

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
C107,108,109,114,115, 116,118,119 LIGHTS	1	1	20	2.00			2.00									
				2.00			2.00						1	20	2	SPARE
C110,111,113,121 LIGHTS	3	1	20	2.00				2.00								
				2.00				2.00					1	20	4	SPARE
BUILDING EXTERIOR LIGHTS (RELAY RE-1), PARKING LOT LIGHTS (RE-2)AND RELAYS RE-1 ANDS RE-2 CONTROLS/ TIMECLOCK	5	1	20	0.40		0.50			0.90							
				2.00					2.00				1	20	6	SPARE
SPARE	7	1	20													
													1	20	8	SPARE
SPARE	9	1	20													
													1	20	10	SPARE
SPARE	11	1	20													
													1	20	12	SPARE
SPARE	13	1	20													
						3.00	3.00						1	20	14	SPARE
SPARE	15	1	20													
						3.00		3.00					1	20	16	SPARE
SPARE	17	1	20													
						3.00			3.00				1	20	18	SPARE
HEAT PUMP HP-2-35	19	3	20			3.00	3.00									
						3.00	3.00						3	20	20	HEAT PUMP HP-4-34
	21					3.00		3.00								
						3.00		3.00							22	
	23					3.00			3.00							
						3.00			3.00						24	
HEAT PUMP HP-2-36	25	3	20			3.00	3.00									
						3.00	3.00						3	20	26	HEAT PUMP HP-4-33
	27					3.00		3.00								
						3.00		3.00							28	
	29					3.00			3.00							
						3.00			3.00						30	
45 KVA TRANSFORMER (PANEL "1L1")	31	3	80		8.82		8.82									
													1		32	SPACE
	33				4.56	0.30		4.86								
													1		34	SPACE
	35				4.56				4.56							
													1		36	SPACE
SPACE	37	1														
													1		38	SPACE
SPACE	39	1														
													1		40	SPACE
SPACE	41	1														
													1		42	SPACE
TOTAL CONNECTED LOAD (kVA)				10.40	17.94	45.80	27.82	23.86	22.46							
TOTAL DEMAND LOAD (kVA)				10.40	13.97	45.80										

BLUE RIVER JR-SR HIGH SCHOOL LIGHTING FIXTURE SCHEDULE

TYPE	MANUFACTURERS	VOLTAGE	LIGHT SOURCE	MINIMUM LUMENS	DEGREE K.	MAXIMUM WATTAGE	DIMMING	MOUNTING	DESCRIPTION
L-1	METALUX SB24CZ-LD5-50S-UNV-L840-CD1-EQ-CLIP-PAF DAYBRITE 2RGX-60L-840-RS-UNV-DIM LITHONIA 2BLT4BA-60L-ADP-EZ1-LP840-EQCLIP-PAF COLUMBIA RLA24-40-VL-G-ED1-U	MVOLT	LED	6000 (6221/6000 /6051/ 7630)	4000	52.2/60/ 46/77	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER.
L-1E	METALUX SB24CZ-LD5-60S-UNV-L840-CD1-EQ-CLIP-PAF-GTD DAYBRITE 2FGXG-60L-840-4-RS-UNV-DIM-GTD/E LITHONIA 2BLTBA4-60L-ADP-EZ1-LP840-EQCLIP-PAF-GTD COLUMBIA RLA24-40-VL-G-ED1-U-GTD	MVOLT	LED	6000 (6221/6000 /6051/ 7630)	4000	52.2/60/ 46/77	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, ACRYLIC LENS (0.125 MINIMUM THICKNESS). MULTI-VOLT LED DIMMING DRIVER AND INTEGRAL EMERGENCY BATTERY UNIT WITH SELF-DIAGNOSTIC FEATURE.
L-2	METALUX SB24CZ-LD5-50S-UNV-L840-CD1-EQ-CLIP-PAF DAYBRITE 2FGXG-50L-840-4-RS-UNV-DIM LITHONIA 2BLT4BA-48L-ADP-EZ1-LP840-EQCLIP-PAF COLUMBIA RLA24-40-ML-G-ED1-U	MVOLT	LED	4800 (5190/ 5000/ 4839/5200)	4000	40.7/41/ 38/52	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER.
L-2E	METALUX SB24CZ-LD5-50S-UNV-L840-CD1-EQ-CLIP-PAF-GTD DAYBRITE 2FGXG-50L-840-4-RS-UNV-DIM-GTD/E LITHONIA 2BLT4BA-48L-ADP-EZ1-LP840-EQCLIP-PAF-GTD COLUMBIA RLA24-40-ML-G-ED1-U-GTD	MVOLT	LED	4800 (5190/ 5000/ 4839/5200)	4000	40.7/41/ 38/52	0-10V 1% DIMMING	GRID	2X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS, ACRYLIC LENS (0.125 MINIMUM THICKNESS). MULTI-VOLT LED DIMMING DRIVER AND INTEGRAL EMERGENCY BATTERY UNIT WITH SELF-DIAGNOSTIC FEATURE.
L-3	METALUX 22CZ-LD5-44S-UNV-L840-CD1-DF-22W-U-PAF DAYBRITE 2FGXG-40L-840-2-RS-UNV-DIM LITHONIA 2BLTBA2-40L-ADP-EZ1-LP840-DGA22-PAF COLUMBIA RLA22-40-VL-G-ED1-U	MVOLT	LED	4000 (4091/4000 /4102/ 4750)	4000	36.4/34/ 31/42	0-10V 1% DIMMING	GRID	2X2 RECESSED MOUNTED FLANGED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH MULTI-VOLT LED DIMMING DRIVER.
L-4	METALUX SB14CZ-LD5-39S-UNV-L840-CD1-PAF-EQCLIP-U DAYBRITE 1FGXG-40L-840-RS-UNV-DIM LITHONIA BLTBA4-40L-ADP-EZ1-ADP-EZ1-LP840-LATC-PAF COLUMBIA RLA24-40-ML-G-ED1-U	MVOLT	LED	4000 (4119/4000 /4062/ 4160)	4000	35.7/34/ 34/39	0-10V 1% DIMMING	GRID	1X4 RECESSED GRID MOUNTED DIRECT/INDIRECT LED TYPE LIGHTING FIXTURE WITH EARTHQUAKE CLIPS AND MULTI-VOLT LED DIMMING DRIVER. FIXTURE SHALL BE PROVIDED WITH BOTTOM ACCESS.
L-5	METALUX 4SNLED-LD5-33SL-LW-UNV-L840-CD1-U DAYBRITE FSS440L840-UNV-DIM-DACHXX LITHONIA ZL1N-L48-SMR-3000LM-FST-MVOLT-40K-80CRI-WH COLUMBIA MPS4-40HL-C-W-EDU-CSHC	120/277	LED	3000 (3504/4000 /3723/ 5720)	4000	28/31/31/ 41.7	NONE	PENDANT	4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED AND WIDE DISTRIBUTION
L-5E	METALUX 4SNLED-LD5-33SL-LW-UNV-L840-CD1-U-GTD DAYBRITE FSS440L840-UNV-DIM-DACHXX-GTD/E LITHONIA ZL1N-L48-SMR-3000LM-FST-MVOLT-40K-80CRI-WH-GTD COLUMBIA MPS4-40HL-C-W-EDU-CSHC-GTD	120/277	LED	3000 (3504/4000 /3723/ 5720)	4000	28/31/31/ 41.7	NONE	PENDANT	4' PENDANT MOUNTED INDUSTRIAL LIGHTING FIXTURE WITH LENSED, WIDE DISTRIBUTION AND INTEGRAL EMERGENCY BATTERY UNIT WITH SELF-DIAGNOSTIC FEATURE.
L-6E	LITHONIA WSQ LED-P4-40K-SR3-MVOLT-E20WC-CBA MCGRAW EDISON ISS-SA1E-740-U-T3-CBP-CBA GARDCO 106L-32L-700-NW-G1-3-UNV-STD-FIN-EBPC HUBBELL QSP2-24L-70-4K7-3-XXX-XXX-EH	120/277	LED	6500 (6547/7129 /7242/ 7939)	4000	61/58.2/70 /87	NONE	WALL	WALL MOUNTED OUTDOOR WEATHERPROOF QUARTER SPHERE CUTOFF TYPE LIGHTING FIXTURE WITH LED LAMPS, LED DRIVER AND COLD WEATHER EMERGENCY BATTERY PACK. UL LISTED FOR WET LOCATIONS. COLOR TO BE SELECTED BY THE ARCHITECT.
X1	SURE-LITES CX61R EMERGI-LITE BAPXN-1R LITHONIA LES-1R DUAL LITE SESR-BN	120/277	LED			1	NONE	SURFACE	SURFACE MOUNTED DIE CAST ALUMINUM EXIT SIGN WITH SINGLE BRUSHED ALUMINUM STENCIL FACE WITH RED LETTERS (ARROWS AS INDICATED ON DRAWINGS).
SL-1	MC GRAW-EDISON GLEON-AF-04-LED-E1-D-SL4-CBA LITHONIA DSX1-LED-P7-40K-T3M-MVOLT-RPA-CBA	120/277	LED	19935/ 21737	4000	225/184	NONE	POLE MOUNTED	POLE ARM MOUNTED LED SITE LIGHTING FIXTURE WITH TYPE III LIGHT DISTRIBUTION MOUNTED ON A 30'-0" ROUND TAPERED STEEL POLE. COLOR AND FINISH TO BE SELECTED BY THE ARCHITECT.

BLUE RIVER VALLEY JR-SR HIGH SCHOOL PANELBOARD SCHEDULE

MARK & TYPE	REMARKS
"HPE" TYPE: EXISTING 277/480V, 3 PH, 4W 400 AMP MAIN LUGS NEMA 1 SURFACE MOUNTED	EXISTING PANELBOARD **PROVIDE A 1P-20 AMP CIRCUIT BREAKER (CIRCUIT 38) IN EXISTING 1P-SPACE (CIRCUIT 38)** LOCATED IN STORAGE E-123

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
EXISTING	1	3	50			11.00	11.00									
						22.00	22.00						3	100	2	EXISTING
	3					11.00		11.00								
						22.00		22.00							4	
	5					11.00			11.00							
						22.00			22.00						6	
EXISTING	7	3	30			6.00	6.00									
						6.00	6.00						3	30	8	EXISTING
	9					6.00		6.00								
						6.00		6.00							10	
	11					6.00			6.00							
						6.00			6.00						12	
EXISTING	13	3	30			6.00	6.00									
						6.00	6.00						3	30	14	EXISTING
	15					6.00		6.00								
						6.00		6.00							16	
	17					6.00			6.00							
						6.00			6.00						18	
EXISTING	19	3	30			6.00	6.00									
						6.00	6.00						3	30	20	EXISTING
	21					6.00		6.00								
						6.00		6.00							22	
	23					6.00			6.00							
						6.00			6.00						24	
EXISTING	25	3	30			6.00	6.00									
						6.00	6.00						3	30	26	EXISTING
	27					6.00		6.00								
						6.00		6.00							28	
	29					6.00			6.00							
						6.00			6.00						30	
EXISTING	31	3	30			6.00	6.00									
						6.00	6.00						3	30	32	EXISTING
	33					6.00		6.00								
						6.00		6.00							34	
	35					6.00			6.00							
						6.00			6.00						36	
SPACE	37	1														
							3.00			3.00			**1**	**20**	**38**	**EUH-EH1 (3 KW)**
SPACE	39	1														
													1		40	SPACE
SPACE	41	1														
													1		42	SPACE
TOTAL CONNECTED LOAD (kVA)						279.00	96.00	93.00	93.00	3.00						
TOTAL DEMAND LOAD (kVA)						279.00				3.00						

BLUE RIVER VALLEY JR-SR HIGH SCHOOL PANELBOARD SCHEDULE

MARK & TYPE	REMARKS
"LGG" TYPE: EXISTING 120/208V, 3 PH, 4W 400 AMP MAIN LUGS NEMA 1 SURFACE MOUNTED	EXISTING PANELBOARD **PROVIDE THREE (3) 1P-20 AMP CIRCUIT BREAKERS (CIRCUITS 37, 39 AND 41) IN THREE (3) EXISTING 1P-SPACES (CIRCUITS 37, 39 AND 41).**

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
	1	1	20													
													1	20	2	E141 RECPS
	3	1	20													
													1	20	4	E141 RECPS
	5	1	20													
													1	20	6	E141 RECPS
	7	1	20													
													1	20	8	E141 RECPS
B-101 RECPS	9	1	20													
													1	20	10	E147 RECPS
B-101 RECPS	11	1	20													
													1	20	12	E147 RECPS
B-101 RECPS	13	1	20													
													1	20	14	E147 RECPS
B-101 RECPS	15	1	20													
													1	20	16	E147 RECPS
B-101 RECPS	17	1	20													
													1	20	18	COMPUTER LAB RECPS
B-101 RECPS	19	1	20													
													1	20	20	COMPUTER LAB RECPS
CARD READER	21	1	20													
													1	20	22	COMPUTER LAB RECPS
FOODS RECPS	23	1	20													
													1	20	24	COMPUTER LAB RECPS
COMPUTER LAB TV RECPS	25	1	20													
													1	20	26	COMPUTER LAB RECPS
ART PP	27	1	20													
													1	20	28	COMPUTER LAB RECPS
	29	1	20													
													1	20	30	COMPUTER LAB RECPS
	31	1	20													
													1	20	32	COMPUTER LAB RECPS
	33	1	20													
													1	20	34	
	35	1	20													
													1	20	36	
OVERHEAD DOOR MOTOR	**37**	**1**	**20**			1.13	1.13									
													1		38	SPACE
SPARE	**39**	**1**	**20**													
													1		40	SPACE
SPARE	**41**	**1**	**20**													
													1		42	SPACE
TOTAL CONNECTED LOAD (kVA)						1.13	1.13									
TOTAL DEMAND LOAD (kVA)						1.13										

BLUE RIVER VALLEY JR-SR HIGH SCHOOL PANELBOARD SCHEDULE

MARK & TYPE	REMARKS
"A" TYPE: EXISTING SIEMENS 277/480V, 3 PH, 3W 250 AMP MAIN BREAKER NEMA 1 SURFACE MOUNTED	EXISTING PANELBOARD **PROVIDE A 3P-30 AMP CIRCUIT BREAKER (CIRCUIT 31,32,33) IN THREE (3) EXISTING 1P-SPACES (CIRCUITS 31,32 AND 33). PROVIDE A 2P-15 AMP CIRCUIT BREAKER (CIRCUIT 34,35) IN TWO (2) EXISTING SPACES (CIRCUITS 34 AND 35).**

AD-3

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
EAST HEATER	1	3	30													
						3.05	3.05						3	20	22	AIR COMPRESSOR
	2															
						3.05		3.05							23	
	3															
						3.05			3.05						24	
MIDDLE HEATER	4	3	30				6.00			6.00						
						6.00	6.00						3	30	25	AIR CONDITIONING UNIT
	5							6.00		6.00						
						6.00		6.00							26	
	6								6.00	6.00						
						6.00			6.00						27	
WEST HEATER	7	3	30				6.00			6.00						
						15.00	15.00						3	70	28	
	8							6.00		6.00						
						15.00		15.00							29	
	9								6.00	6.00						
						15.00			15.00						30	
SPACE	10	1														
				0.84	0.36		1.20						**3**	**30**	**31**	**15 KVA XFMR ("SBL")**
SPACE	11	1														
				0.80	0.18			0.98							**32**	
SPACE	12	1														
															33	
SPACE	13	1														
													2	**15**	**34**	**FUEL ISLAND**
SPACE	14	1				0.80		0.80								
															35	
SPACE	15	1				0.80			0.80							
					0.50				0.50				1		36	SPACE
SPACE	16	1														
													1		37	SPACE
SPACE	17	1														
													1		38	SPACE
SPACE	18	1														
													1		39	SPACE
480V-120/208V XFMR	19	3	100		21.00		21.00									
													1		40	SPACE
	20				21.00			21.00								
													1		41	SPACE
	21				21.00				21.00							
													1		43	SPACE
TOTAL CONNECTED LOAD (kVA)				1.64	64.04	73.75	58.25	58.83	58.35	36.00						
TOTAL DEMAND LOAD (kVA)				1.64	37.02	73.75				36.00						

BLUE RIVER JR-SR HIGH SCHOOL PANELBOARD SCHEDULE

MARK & TYPE	REMARKS
"PP2" TYPE: EXISTING CONTINENTAL 277/480V, 3 PH, 4W 400 AMP MAIN LUGS NEMA 1 SURFACE MOUNTED	EXISTING CONTINENTAL PANELBOARD PROVIDE NEW 3P-200 AMP CIRCUIT BEAKER (CIRCUTI 19) IN EXISTING 3P-SPACE (CIRCUIT 19).

DESCRIPTION	CIR	POLE	TRIP	LTS	REC	EQUIP	A	B	C	HEAT	A/C	FUTR	POLE	TRIP	CIR	DESCRIPTION
PANEL "1H1"	**19**	**3**	**200**													
													3			SPACE
																SPACE
																SPACE
HALL HEAT		3	30													
													3	30		HALL HEAT
	1															
															2	
	3	3	30													
													3	30	4	
	5															
															6	
	7															
															8	
	9	3	100													
													3		10	SPACE
	11															
															12	
	13															
															14	
	15															
															16	
	17															
															18	
TOTAL CONNECTED LOAD (kVA)																
TOTAL DEMAND LOAD (kVA)																

LIGHTING RELAY SCHEDULE

MARK & TYPE	ITEM	CONTROLLED CIRCUIT(S)	COIL CKT.	COIL VOLT	ROOM NO.	CONTACTS	SELECTOR SWITCH	CONTROL	SEE NOTES
RE–1 SQUARE D #8903 SERIES W/ NEMA 3R ENCLOS.	BUILDING SECURITY LIGHTS	1H1–5	1H1–5	277	105	N.O.	HOA	TIMECLOCK	1,2,4,5,6
RE–2 SQUARE D #8903 SERIES W/ NEMA 3R ENCLOS.	PARKING LOT LIGHTS	1H1–5	1H1–5	277	105	N.O.	HOA	TIMECLOCK	1,2,4,5,6

NOTES:
1. FURNISH NEMA 1 ENCLOSURE WITH HINGED COVER UNLESS OTHERWISE NOTED.
2. ELECTRICALLY HELD.
3. MECHANICALLY HELD.
4. PROVIDE SELECTOR SWITCH IN RELAY ENCLOSURES WITH LOOP AND BRIDLE STRAPS FROM MAIN DEPARTMENT TO HINGED COVER FOR SELECTOR SWITCHES.
5. FURNISH FUSE PROTECTION FOR COIL CIRCUIT.
6. ALL RELAYS AND SELECTOR SWITCHES SHALL BE PREWIRED BY MANUFACTURER.

Wednesday, 4/24/2024 – 12:35 PM – LAST SAVED BY:JCHAMBERS
Y:\23-148 BLUE RIVER VALLEY SC – BLUE RIVER VALLEY
JR-SR HS RENOVATIONS\23-148 DRAWINGS\09
ELEC\E-601.DWG

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT
BLUE RIVER VALLEY JR-SR HIGH SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

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PROJECT 23–148
DATE 03/15/24
COORDINATED BY PCB
DRAWN BY PCB/JVC
CHECKED BY DJW

DALE J. WAGNER REGISTERED NO. 19600171 STATE OF INDIANA ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD–3	04/26/24	ADDENDUM NO. 3

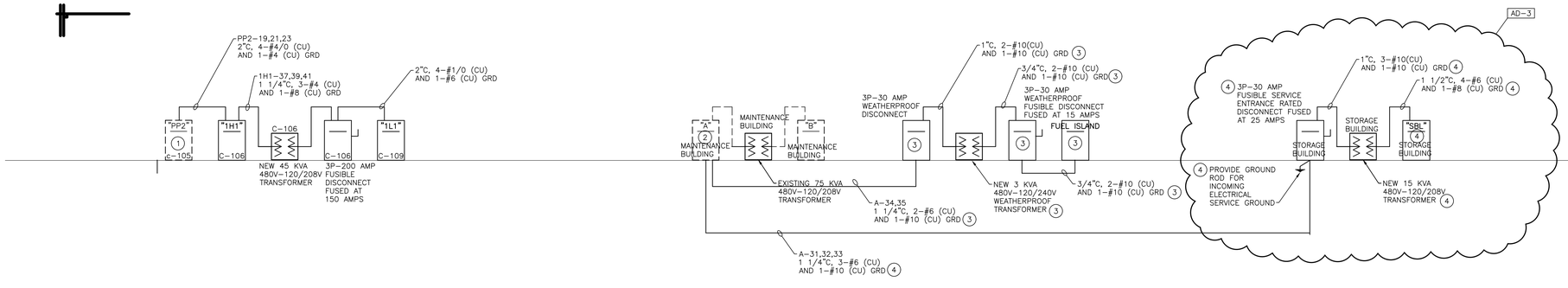
DRAWING
ELECTRICAL SCHEDULES

PROJECT
BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

SHEET
E-601

PLAN NOTES:

1. MODIFY EXISTING PANEL "PP2" AS SHOWN ON THE PANEL SCHEDULE ON SHEET E-601.
2. MODIFY EXISTING PANEL "A" AS SHOWN ON THE PANEL SCHEDULE ON SHEET E-601.
3. ELECTRICAL EQUIPMENT FOR FUEL ISLAND. COORDINATE WITH FUEL ISLAND/TANK MANUFACTURER/INSTALLER AND PROVIDE ALL LABOR AND MATERIAL TO PROVIDE A COMPLETE AND OPERATIONAL SYSTEM AND MEET ALL APPLICABLE CODES AND ORDINANCES.
4. WORK ASSOCIATED WITH NEW MAINTENANCE BUILDING SHALL BE BID AS AN ALTERNATE BID.



ELECTRICAL PARTIAL POWER DISTRIBUTION DIAGRAM

SCALE: NOT TO SCALE

– – – – – – – EXISTING TO REMAIN, UNLESS OTHERWISE NOTED

——————— NEW

GIBRALTAR DESIGN
ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

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PROJECT
BLUE RIVER VALLEY JR-SR HIGH SCHOOL - RENOVATIONS
BLUE RIVER VALLEY SCHOOLS
NEW CASTLE, INDIANA

PROJECT
23-148
DATE
03/15/24
COORDINATED BY
PCB
DRAWN BY
PCB/JVC
CHECKED BY
DJW

DATE J. WAGNER
REGISTERED
NO.
19600171
STATE OF
INDIANA
ARCHITECT

REVISIONS

MARK	DATE	ISSUED FOR
AD-3	04/26/24	ADDENDUM NO. 3

DRAWING
ELECTRICAL POWER DISTRIBUTION DIAGRAM

PROJECT
BLUE RIVER VALLEY JR./SR. HS - RENOVATIONS

SHEET
E-701