### ADDENDUM NO. 3

#### **September 11, 2024**

# LOGANSPORT JR. HIGH SCHOOL RENOVATIONS Logansport, IN 46947

#### 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 August 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 Page ADD 3-1 through ADD 3-3, attached Section 00 30 50 – Indiana Bidders Reminder List revised, attached Section 00 31 00 – Indiana Bid Form revised, and attached Addendum No. 3 from Gibraltar Design dated September 10, 2024, consisting of 6 pages, and 40 drawings.

#### A. SPECIFICATION SECTION 00 10 00 – INSTRUCTIONS TO BIDDERS

#### 1. Revise:

#### 1.11 BID SECURITY

G. The two (2) low Bidders will be required to submit a complete list of subcontractors, material suppliers, and products on Section 00 43 50 – Subcontractors and Products List, to the Construction Manager as Owner's Representative within 24 hours, after the bid opening date. Failure to submit this information within the required time may be considered as grounds for rejection of the bid.

#### 2. Revise:

#### 1.18 TIME OF COMMENCEMENT AND COMPLETION

- A. The Contractor shall commence work within ten (10) days after the effective date of the Contract, or when notified in writing to proceed, and shall complete the Work within the time limitations established in the Form of Agreement, these instructions to Bidders, and in Section 01 12 00 Multiple Contract Summary.
  - 1. It is anticipated that construction will start within <u>27</u> calendar days after receipt of bids.
  - 2. Construction shall be complete within <u>314</u> consecutive calendar days, or earlier, after Notice to Proceed.
  - 3. See Section 01 32 00 Schedules and Reports, for Guideline Project Schedule.

#### 3. Revise:

### 1.21 LIST OF MAJOR SUBCONTRACTORS, SUPPLIERS, AND MANUFACTURERS

A. The two low responsive Bidders shall submit a listing of major subcontractors and manufacturers within one (1) working days (24 hrs.) of the Bid Opening Date.

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

#### 1. Revise:

#### 1.16 TIME OF COMMENCEMENT AND COMPLETION

- A. The Contractor shall commence work within ten (10) days after being notified in writing to proceed and shall complete the Work within the time limitations established in the Form of Agreement.
  - 1. It is anticipated that construction will start within (27 DAYS) calendar days after receipt of bids.
  - 2. Construction shall be complete within (314 DAYS) consecutive calendar days, or earlier, after Notice to Proceed.

#### C. SPECIFICATION SECTION 01 23 00 – BID ALTERNATES

#### 1. Revise:

#### 1.04 SCHEDULE OF ALTERNATES

C. ALTERNATE NO. 3: Remove existing light fixtures and provide new light fixtures at the following locations on the drawings:

A-100 A-101 A-102 A-106 A-107 A-109 A-111 A-112 A-113

A-114 A-116 A-117 A-118 A-119 A-120 A-125 A-128 A-131

A-132 A-133 A-139 A-140 B-100 B-102 B-103 B-104 B-105

B-106 B-107 B-108 B-109 B-110 B-111 B-112 B-113 B-114

B-115 B-116 B-117 C-100 C-101 C-106 C-114 C-121 C-122

C-123 C-124 C-125 C-126 C-127 C-128 C-129 C-130 C-131

D-100 D-101 D-105 D-107 D-127 D-128 D-129 D-130 B-200

B-202 B-206 B-207 B-208 B-209 B-210 B-211 B-212 B-213

B-214 B-215 B-216 B-219 B-1 B-2

# BIDDER REMINDER LIST TO BE COMPLETED AND INCLUDED IN BID PACKAGE FOR REVIEW AT BID OPENING

	YES	NO
Have you properly and completely executed two copies of the <b>Bid Form</b> (Section 00 31 00)?		
Is the <b>Bid Total</b> written in both words and figures?		
Are the <b>Alternate</b> quantities in both words and figures and noted as <b>Add or Deduct</b> ?		
<b>Is the Non-Collusion Affidavit,</b> part of the Bid Form, signed & notarized?		
Include XBE Information		
Have you enclosed a certified check or <b>Bid Bond</b> ? (Note: bond must be signed by Surety and Principal)		
Have you included your company's Financial Statement?		
Have you included your <b>Written Drug Testing Plan</b> 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?		
Have Subcontractors and Products List to the Construction Manager within <b>24</b> Hours of the Bid for Apparent Low Bidders.		
On the outside of the envelope containing your Bid have you indicated:		
The Project Name Bidder's Name Bid Category No. Date and Time of Bid Opening Owner's Address Address to Where Bid is to be Delivered if different from Owners Address		

NOTE: IF ANY OF THE REQUIRED BIDDING DOCUMENTS ARE NOT INCLUDED, DATED OR PROPERLY EXECUTED, THE CONTRACTOR'S BID MAY NOT BE ACCEPTED.

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

Format (Revised 2013) (Amended for LCSC)

# LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

Logansport Community School Corporation Logansport, IN

#### **PART I**

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

	Date (month, day, year):				
BIDDER (Firm)					
Address	P.O. Box				
City/State/Zip _					
Telephone Numb	per: Email Address:				
Person to contact	Person to contact regarding this Bid				
	es given, the undersigned offers to furnish labor and/or materials necessary to blic works project of:				
	Insert Category No. (s) and Name(s)				
Plans and Specifi	project, <i>Logansport Junior High School Renovations</i> , in accordance with ications prepared by <i>Gibraltar Design</i> , 9102 Meridian St., Ste. #300, 46260, as follows:				
BASE BID					
For the sum of	(Sum in words)				
	DOLLARS (\$				

(Sum in figures)

The undersigned acknowled Receipt of Addenda No. (s)	_	_	e followin	_				
PROPOSAL TIME								
Bidder agrees that this Bid s days from the due date, and I within said sixty (60) consec	Bids may	be acce	pted or rej	ected during	this pe	riod. Bi		
Attended pre-bid conference		YES _		NO				
Has visited the jobsite		YES _		NO				
The Bidder has reviewed the Of the schedule can be met.						the inter	nt	
Bidder has included their W will perform work on the pu 13-18-5 or IC 4-13-18-6.	blic wo	k projec	t and mee	ts or exceed	s the re			
The Skillman Corporation's measure the active participa Disabled Individual-Owned provided full and equal oppositions.	ation of l Busine	Minority sses. Th	v- Owned, e Program	Women-Ow is to ensure	vned, V that M	eteran – WVDB	Owned and Es are	
Bidder has included:	MBE: WBE:	YES _ YES _ YES _ YES _	% %	NO NO NO				
The undersigned further agr	ees to fi	ırnish a	bond or c	ertified chec	k with	this Bid	for an amo	ount

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 – All demolition work in Boys EC-116, Office EC-117, Speech EC-119 and Girls EC-120 and all new construction in Boys C-116, Office C-117, Toilet C-119, Girls C-120 and Cust. C-132, at locations indicated on Drawings.

Change the Base Bid the sum of			
(sum in words)			
			ADD
	DOLLARS (\$_	)	DEDUCT
	(sum in fig	ures)	
Alternate Bid No. 2 – Provide Epoxy Te	errazzo floor finish in lieu of Resinou	us Floor	at Cafeteria
A-124, where indi	cated on Drawings.		
Change the Base Bid the sum of			
(sum in words)			
			ADD
	DOLLARS (\$	)	DEDUCT
	(sum in fig	ures)	

Alternate Bid No.	3 – Remove existing	<u>light</u> fixtures	and prov	ide new	light	fixtures	at	the
	following locations	on the drawing	gs:		_			

A-100 A-101 A-102 A-106 A-107 A-109 A-111 A-112 A-113 A-114 A-116 A-117 A-118 A-119 A-120 A-125 A-128 A-131 A-132 A-133 A-139 A-140 B-100 B-102 B-103 B-104 B-105 B-106 B-107 B-108 B-109 B-110 B-111 B-112 B-113 B-114 B-115 B-116 B-117 C-100 C-101 C-106 C-114 C-121 C-122 C-123 C-124 C-125 C-126 C-127 C-128 C-129 C-130 C-131 D-100 D-101 D-105 D-107 D-127 D-128 D-129 D-130 B-200 B-202 B-206 B-207 B-208 B-209 B-210 B-211 B-212 B-213 B-214 B-215 B-216 B-219 B-1

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

Have you ever failed to complete any work awarded to you?\_\_\_\_\_\_If so, where and

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

3.

ADD.3

#### 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)	
	Ву			
			(Title of Person Signing)	
	ACKNOV	WLEDGEMI	ENT	
STATE OF	) (95)			
COUNTY OF				
Before me, a Notary Pu	blic, personally appea	red the abov	re-named	
Swore that the statemen	ts contained in the for	regoing docu	ment are true and correct.	
Subscribed and sworn to	before me this	(	day of	
(Title)				
	Notary Public			
My Commission Expire	s:			
County of Residence:				

END OF SECTION 00 31 00



#### ADDENDUM THREE

**Addendum Three (AD.03)** to the drawings and specifications prepared by Gibraltar Design for **Logansport Jr. High School Renovation** for **Logansport Community School Corporation**, Logansport, 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 05 12 00 Structural Steel

- A. Revise Paragraphs 1.8 A. and 1.8 B. to read:
  - "A. Fabricator Qualifications: A qualified fabricator who has a minimum of five years of experience fabricating structural steel for structures of this type and complexity.
  - B. Installer Qualifications: A qualified installer who has a minimum of five years of experience erecting structural steel for structures of this type and complexity."

#### 2. Specification Section 05 50 00 Miscellaneous Metals

A. Revise Paragraph 3.3. C.2 to read as follows: "2. Rolling door supports in AG/CTE Classroom A-134."

#### 3. Specification Section 08 14 16 Wood Doors

- A. Delete the following paragraphs in their entirety: 2.1A, 2.1C, and 2.1D.
- B. Revise Paragraph 2.8. A.2.a to read as follows: "a. Custom stain color to match existing doors in adjacent Classrooms"

#### 4. Specification Section 08 33 00 Rolling Doors

- A. Delete Paragraph 1.4 B. in its entirety.
- B. Revise Paragraph 1.4 C. to read as follows: "C. Electrically operated at AG/CTE Classroom A-134."

#### 5. Specification Section 08 71 00 Door Hardware

- A. Remove Door # A-143A from Hardware Group NO.01.
- B. Add Door # A-112A to Hardware Group NO.02.
- C. Add Hardware Group No. 04 to Door # C-119A to read:



"HARDWARE GROUP NO. 04

For use on Door #(s):

#### C-119A

Provide each OPENING with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
3	EA	HINGE	5BB1 4.5 X 4.5	652	IVE
1	EA	PRIVACY LOCK W/ OUTSIDE INDICATOR	L9040 06A L583-363 OS-OCC	626	SCH
1	EA	SURFACE CLOSER	4040XP RW/PA	689	LCN
1	EA	KICK PLATE	8400 10" X 2" LDW B-CS	630	IVE
1	EA	MOP PLATE	8400 4" X 1" LDW B-CS	630	IVE
1	EA	WALL STOP	WS401/402CVX	626	IVE
3	EA	SILENCER	SR64	GRY	IVE"

#### 6. Specification Section 09 67 24 Special Urethane Floor

A. Add Paragraph 2.1 B to read as follows: "B. Resuflor Aqua with Resutile 4686 as manufactured by Sherwin Williams."

#### 7. Specification Section 08 91 00 Aluminum Wall Louvers and Penthouses

A. Elite Equipment Company, Indianapolis, Indiana is herby approved to bid Pottorf Model EFD-445 Louver for this project. All requirements of the Drawings and Specifications shall be met, including the color selections.

#### 8. Specification Section 09 91 00 Painting

- A. Delete Paragraph 1.5 in its entirety.
- B. Delete Paragraph 3.4.C in its entirety.

#### 9. Specification Section 12 32 16 Plastic Laminate Casework

- A. Revise Paragraph 2.3.I.1.c to read as follows: "c. Edges: Premium grade 90 degree edge. Provide 3mm PVC on all exposed edges."
- B. Revise Paragraph 2.2.A.5 to read as follows: "5. Stop chains: Provide stop chains on base, wall and tall casework doors abutting wall or countertops."

#### 10. Specification Section 23 09 23 Temperature Controls

- A. Remove paragraph 2.06 "Airflow Measuring Stations" in its entirety.
- B. Revise section 4.04.b.4.c to read as follows: Cooling Mode: Damper shall remain at minimum airflow position.
- C. Add section 4.08 "Radiant Ceiling Panel" to read as follows: Radiant ceiling panels shall be controlled by a separate wall mounted thermostat/sensor and DDC controller to modulate the control valves to maintain occupied/unoccupied room temperature setpoints. Unit isolation valve shall be fully closed during summer cooling mode of operation and fully open during heating mode of operation.

#### 11. Specification Section 23 09 23 Temperature Controls

- A. Remove Paragraph 2.06 "Airflow Measuring Stations" in its entirety.
- B. Revise section 4.04. B.4. C to read as follows: Cooling Mode: Damper shall remain at minimum airflow position.



C. Add section 4.08 "Radiant Ceiling Panel" to read as follows: Radiant ceiling panels shall be controlled by a separate wall mounted thermostat/sensor and DDC controller to modulate the control valves to maintain occupied/unoccupied room temperature setpoints. Unit isolation valve shall be fully closed during summer cooling mode of operation and fully open during heating mode of operation.

#### 12. Specification Section 23 74 14

**Roof-Top HVAC Units** 

A. Remove Paragraph 2.02.1.9.e in its entirety.

#### 13. Specification Section 23 83 23

Vertical Unit Ventilators

A. Remove Paragraph 2.02.K.2.a.

#### 14. Specification Section 26 27 26

**Wiring Devices** 

A. Paragraphs 2.01.A.1 and 2.01.A.3: Receptacle and switch device color changed from grey to black per District Standards.

#### **DRAWINGS**

#### 15. Sheet G-201 and G-202

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

#### 16. Sheet S-201

- A. New steel lintel added at Admin area wall opening.
- B. Additional clarification on joist reinforcement under RTU-1 provided.
- C. Thickened slab removed where 8" concrete block is being replaced by cold-formed framing.

#### 17. Sheet S-203

- A. Beam sizes under RTUs have been revised.
- B. Details for the RETU platform have been provided.

#### 18. Sheet AD101

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

#### 19. Sheet A-101, A-103 and A-104

A. Refer to three revised full size drawings, included in this addendum, for revisions.

#### 20. Sheet A-201

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

#### 21. Sheet A-410

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

#### 22. Sheet A-601

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

#### 23. Sheet A-701 and A-760

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

#### 24. Sheets A-801 and A-820

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



#### 25. Sheet A-901

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

#### 26. Sheet MV101

- A. Revised ductwork layout to accommodate for new wall added in room principal A-112.
- B. Added diffusers to UV-4A serving in Cafeteria A-124.
- C. Revised locations of diffusers to work with new lighting layout.

#### 27. Sheet MV102

A. Revised locations of diffusers to work with new lighting layout.

#### 28. Sheet MP101

A. Removed thermostat calling out VAV 1L which doesn't exist in DEAN A-144.

#### 29. Sheet M-501

A. Revised VAV terminal schedule.

#### 30. Sheet E-001

- A. Added exit sign symbol and reference to fixture schedule. Revised data cable quantity requirements.
- B. Clarification for all EM lights in corridors to be night lights.

#### 31. Sheet E-101

A. Clarified note at canopy lighting demolition to patch and paint to match.

#### 32. Sheet ED101

- A. Added low voltage demo scope.
- B. Revised demo scope.

#### 33. Sheet ED102

A. Added low voltage demo scope.

#### 34. Sheet ED103

- A. Added low voltage demo scope.
- B. Removed demo scope at Lounge C-112

#### 35. Sheet ED104

- A. Added low voltage demo scope.
- B. Added demo scope at Bandshell D-104, Passage D-103, Office D-106.

#### 36. Sheet ED105

- A. Added low voltage demo scope.
- B. Added demo scope.

#### 37. Sheet EL101

- A. Added emergency lighting in all classrooms including Kitchen A-125, Girls A-140, Boys-139, AG/CTE A-134, PCC/Health A-103.
- B. Added lighting scope in Rm. A-135.
- C. Revised lighting layout in AG/CTE A-134



D. Revised lighting and controls A-104, A-107, A-113 and A-114.

#### 38. Sheet EL102

- A. Added emergency lighting in all classrooms and boys/girls' toilets.
- B. Revised lighting scope including layout in Treasurer B-116 & Classroom B-109.

#### 39. Sheet EL103

- A. Added emergency lighting in all classrooms.
- B. Omitted lighting scope in Lounge C-112.
- C. Added Alternate Bid to toilets including Storage C-117.

#### 40. Sheet EL104

- A. Added emergency lighting in all classrooms including Weight Room D-102
- B. Added Lighting scope in Bandshell D-104, Office D-106 & Passage D-103

#### 41. Sheet EL105

- A. Added emergency lighting in all classrooms.
- B. Revised scope in Boys 206 and Girls 207.

#### 42. Sheet EP101

- A. Added low voltage scope.
- B. Added power scope at AG/CTE Classroom A-134.
- C. Added receptacles to Makers Space A-1456.
- D. Clarified location of existing panel EX .DPLW.

#### 43. Sheet EP102

- A. Added low voltage scope.
- B. Added location of new fire alarm annunciator panel.

#### 44. Sheets EP103

- A. Added low voltage scope.
- B. Added Alternate Bid to toilets including Storage C-117.

#### 45. Sheets EP104

- A. Added low voltage scope.
- B. Clarification to Sheet Note 2.

#### 46. Sheets EP105

A. Added low voltage scope.

#### 47. Sheet EP201

A. Added (2) duct smoke detectors at each RT-1 & RT-2.

#### 48. Sheet EP203

A. Added (2) duct smoke detectors at each EX RT-1 and EX RT-2.



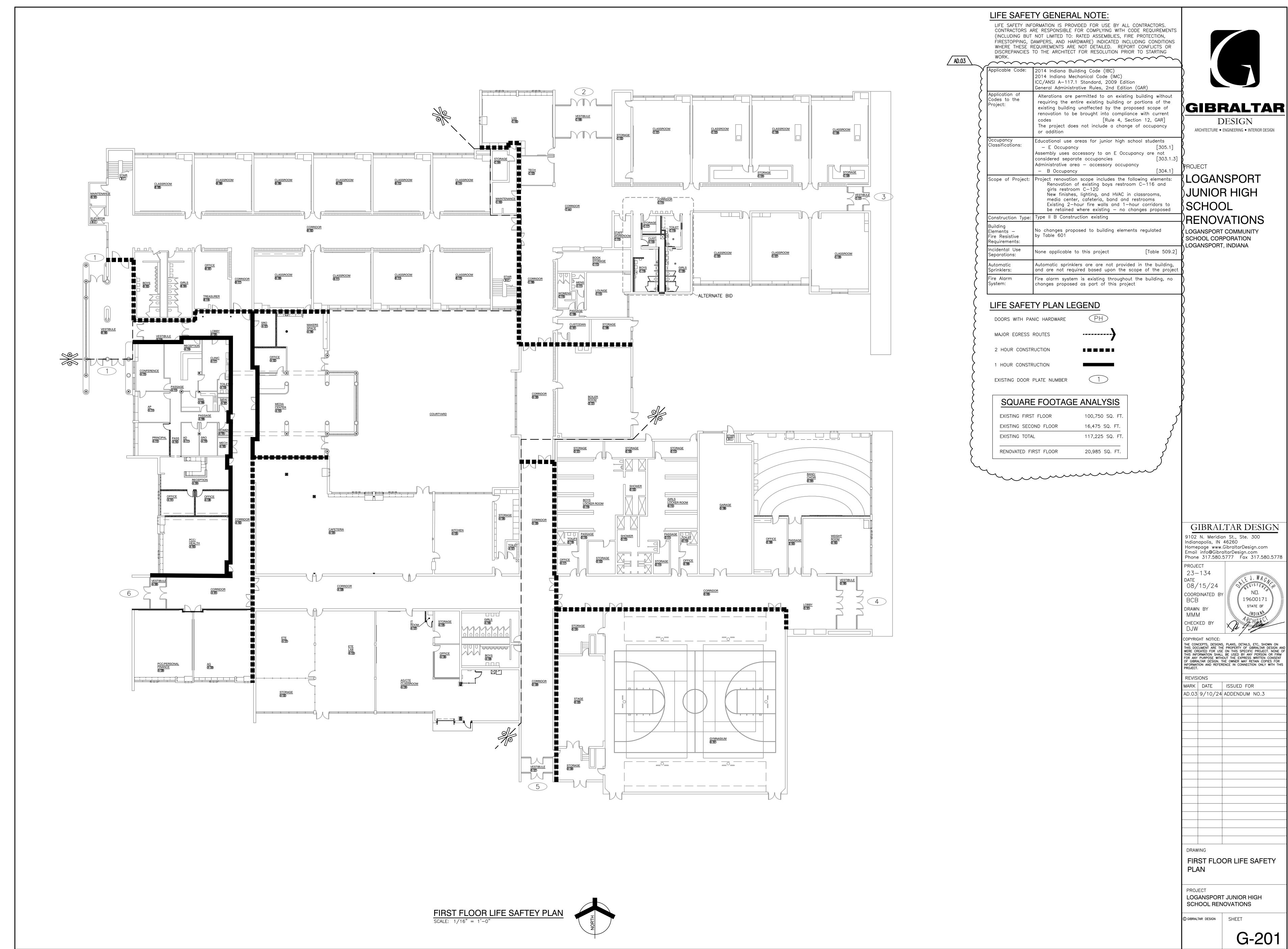
#### 49. Sheet EP501

- A. Revised LED color temperature to 4000K.
- B. Revised panel schedule PP2 & PP3.
- C. Clarified Mechanical equipment connection schedule.
- D. Added Alternate lighting manufacturer note. Add spec for fixture PA.

Pages 1 through 6, inclusive, and Forty (40) full-size Drawings constitute the total makeup of **Addendum Three**.



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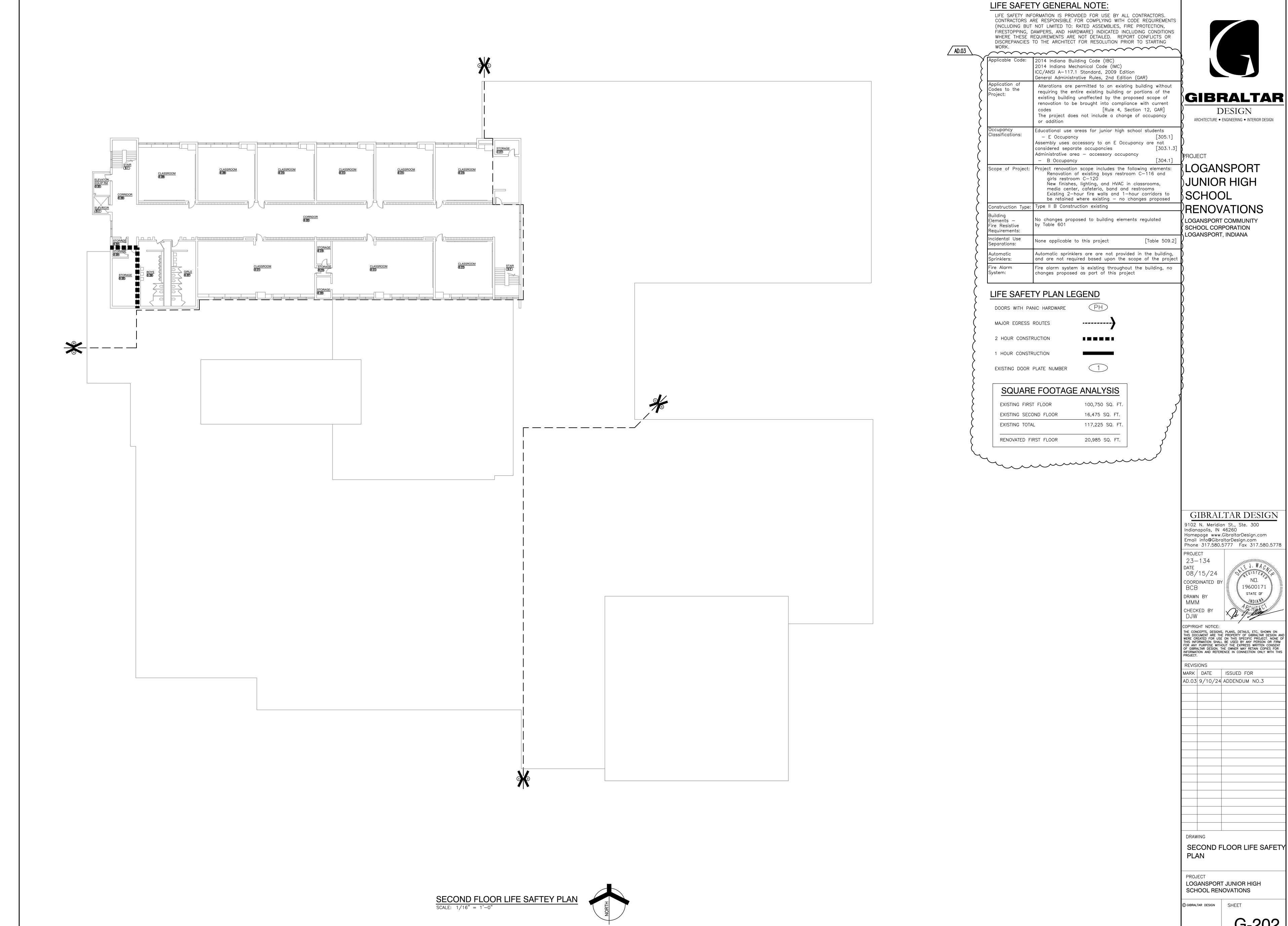


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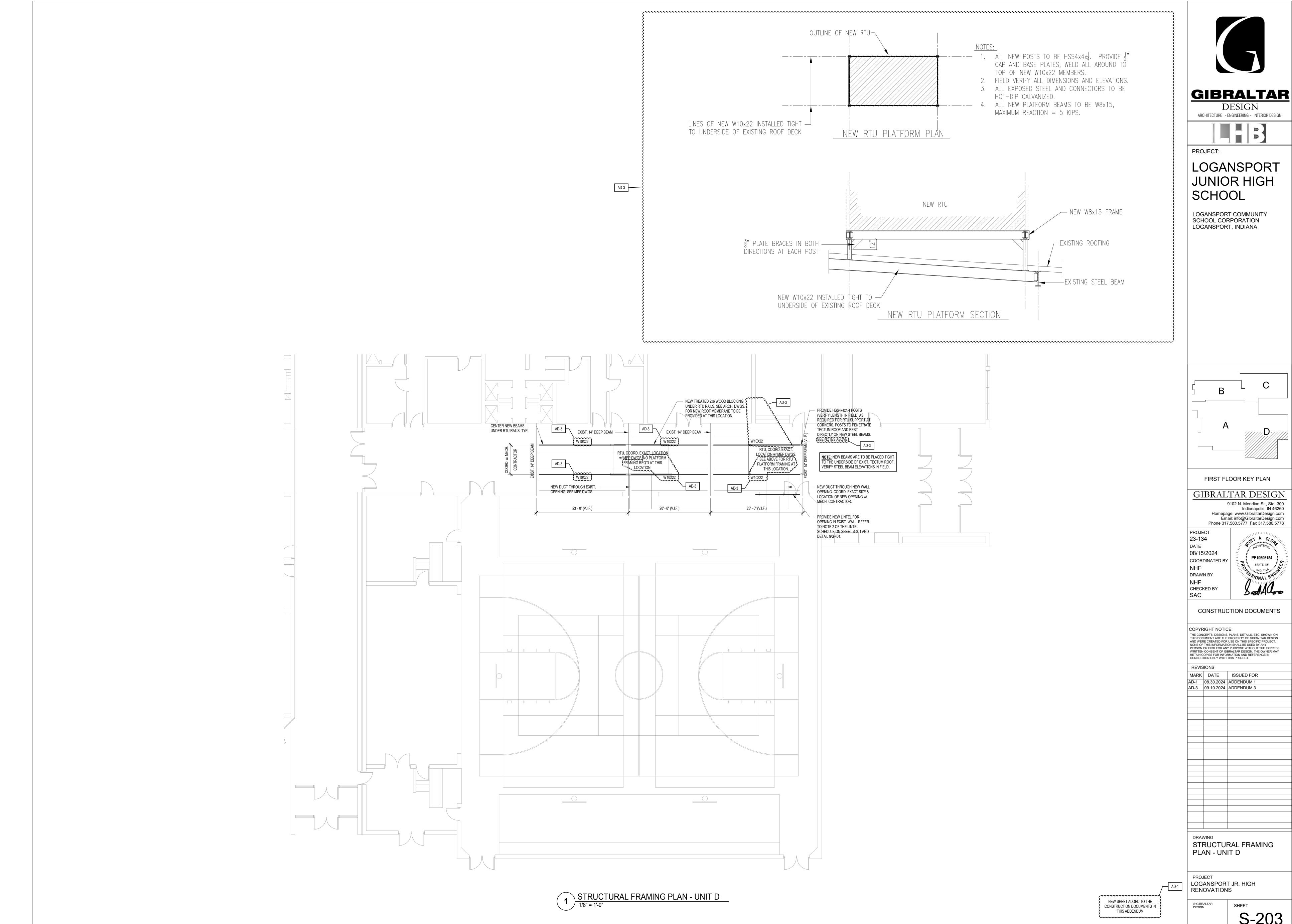


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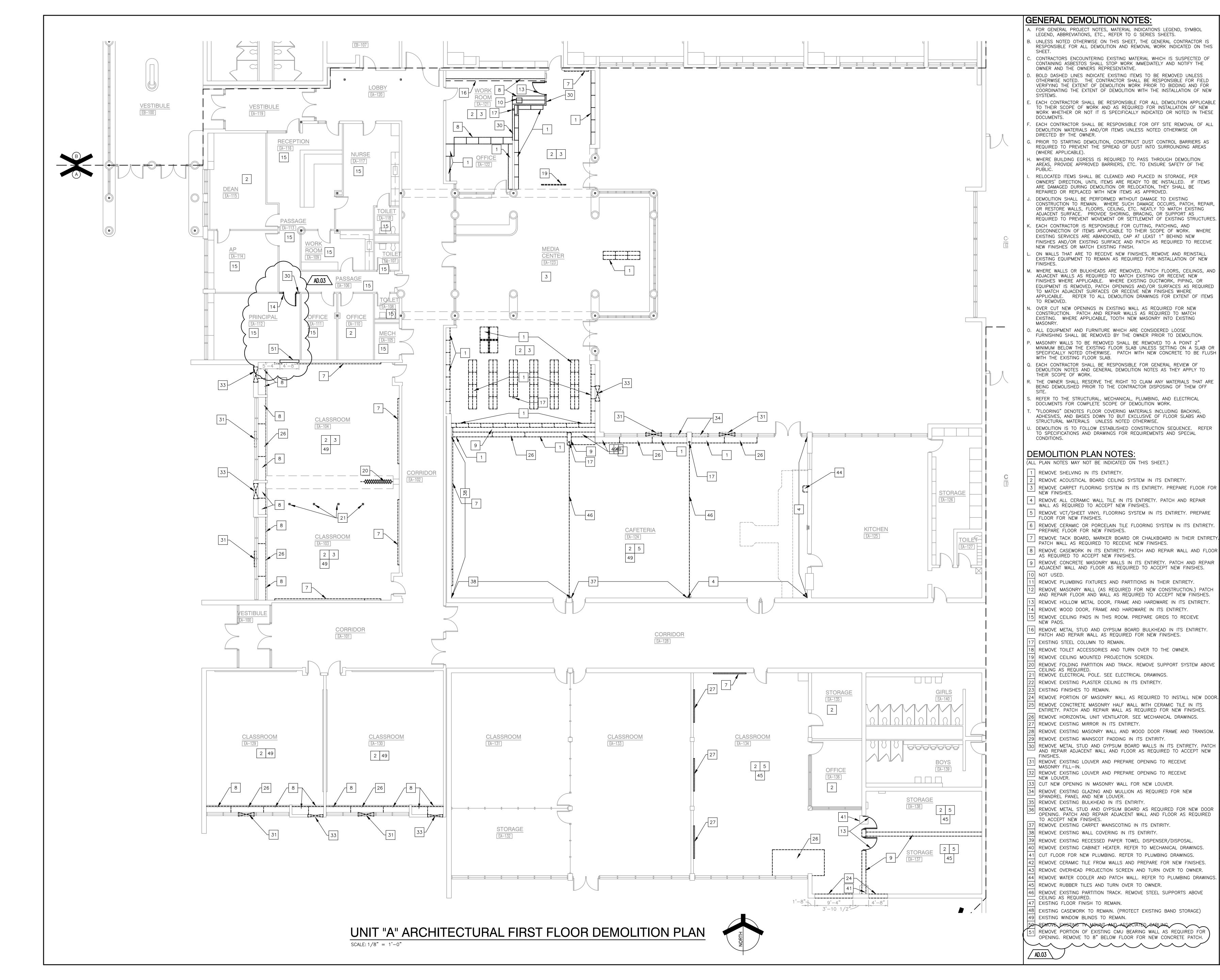
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S-201



S-203



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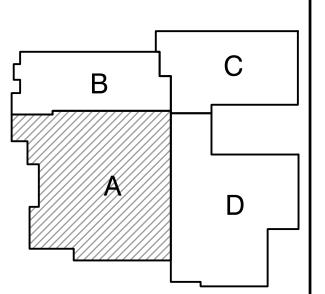
DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

LOGANSPORT
JUNIOR HIGH
SCHOOL

LOGANSPORT COMMUNITY SCHOOL CORPORATION LOGANSPORT, INDIANA

RENOVATIONS



KEY PLAN

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

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

19600171

STATE OF

DATE

08/15/24

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REVISIONS

MARK DATE ISSUED FOR

AD.03 9/10/24 ADDENDUM NO.3

DOOR JIRED

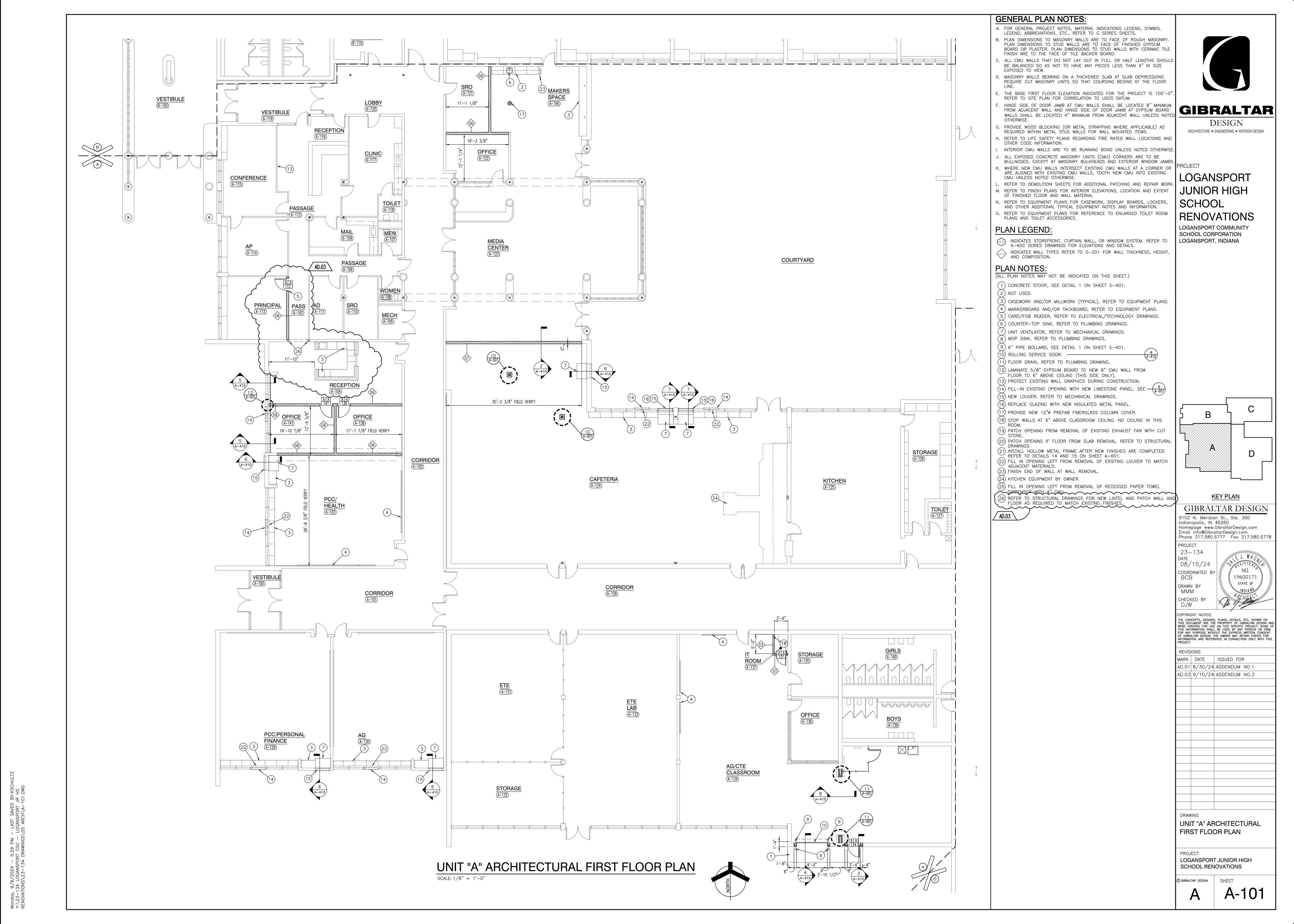
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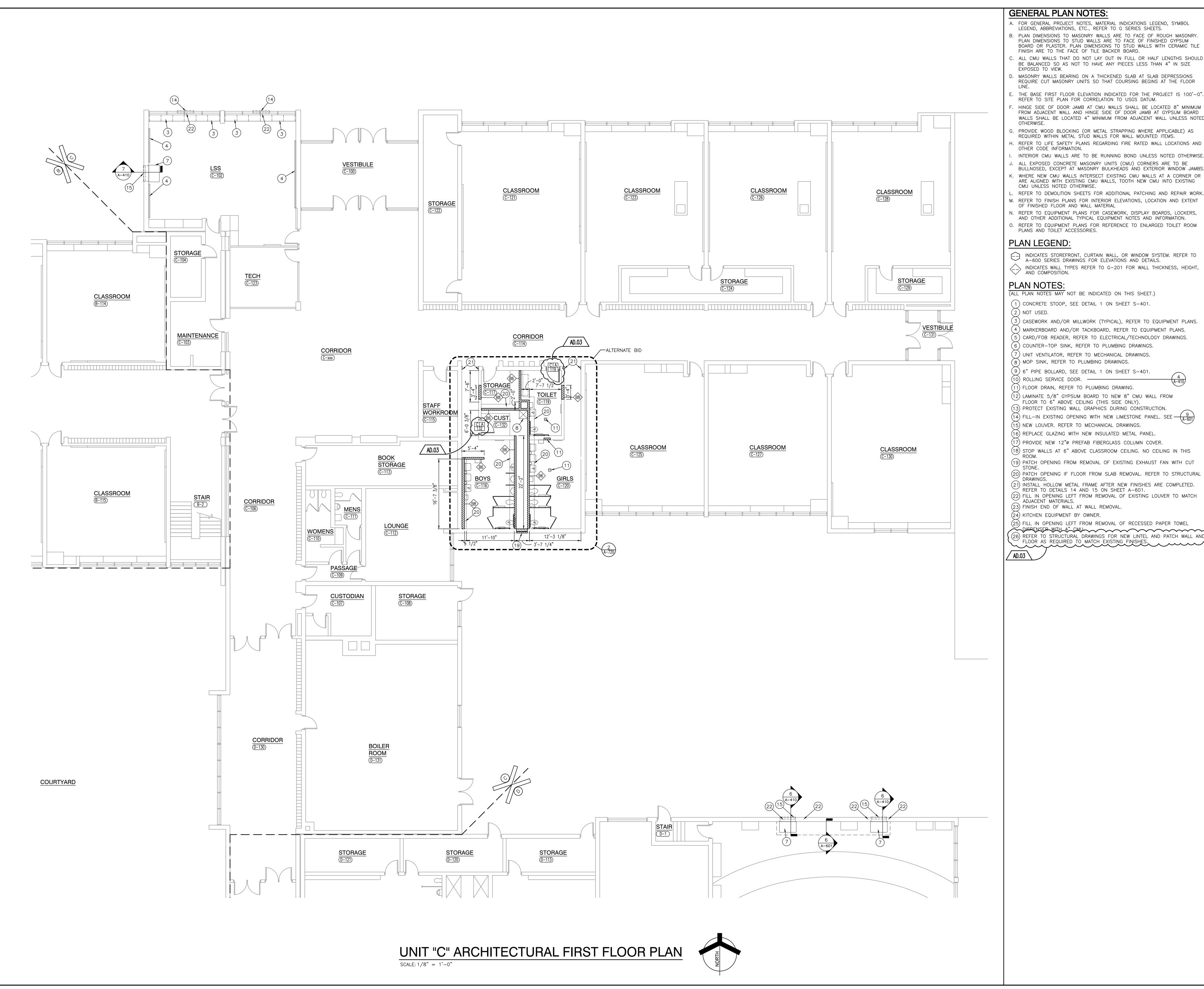
UNIT "A" ARCHITECTURAL FIRST FLOOR DEMOLITION PLAN

PROJECT
LOGANSPORT JUNIOR HIGH
SCHOOL RENOVATIONS

GIBRALTAR DESIGN SHEET

AD101





**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.
- . 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.
- . MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR
- . THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- FROM ADJACENT WALL AND HINGE SIDE OF DOOR JAMB AT GYPSUM BOARD

  TO SITE 15 THE SIDE OF DOOR JAMB AT CMU WALLS SHALL BE LOCATED 8" MINIMUM BOARD GIBRALTAR WALLS SHALL BE LOCATED 4" MINIMUM FROM ADJACENT WALL UNLESS NOTE
- PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS. . REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION.
- ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS. . WHERE NEW CMU WALLS INTERSECT EXISTING CMU WALLS AT A CORNER OR ARE ALIGNED WITH EXISTING CMU WALLS, TOOTH NEW CMU INTO EXISTING
- 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
- I. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION. . REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

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

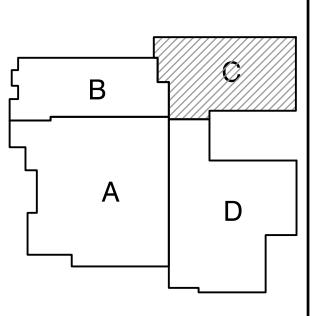
- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- 3) CASEWORK AND/OR MILLWORK (TYPICAL), REFER TO EQUIPMENT PLANS. (4) markerboard and/or tackboard, refer to equipment plans. (5) CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- (6) COUNTER-TOP SINK, REFER TO PLUMBING DRAWINGS. (7) UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS. (8) MOP SINK, REFER TO PLUMBING DRAWINGS.
- (9) 6" PIPE BOLLARD, SEE DETAIL 1 ON SHEET S-401. (10) ROLLING SERVICE DOOR. ----
- (11) FLOOR DRAIN, REFER TO PLUMBING DRAWING.
- (12) LAMINATE 5/8" GYPSUM BOARD TO NEW 8" CMU WALL FROM FLOOR TO 6" ABOVE CEILING (THIS SIDE ONLY). (13) PROTECT EXISTING WALL GRAPHICS DURING CONSTRUCTION.
- (13) PROTECT EXISTING WALL GRAPHICS DURING CONSTRUCTION.

  (14) FILL—IN EXISTING OPENING WITH NEW LIMESTONE PANEL. SEE  $\frac{9}{(A-601)}$ (15) NEW LOUVER. REFER TO MECHANICAL DRAWINGS.
- (16) REPLACE GLAZING WITH NEW INSULATED METAL PANEL. (17) PROVIDE NEW 12"Ø PREFAB FIBERGLASS COLUMN COVER.
- (18) STOP WALLS AT 6" ABOVE CLASSROOM CEILING. NO CEILING IN THIS (19) PATCH OPENING FROM REMOVAL OF EXISTING EXHAUST FAN WITH CUT
- 20 PATCH OPENING IF FLOOR FROM SLAB REMOVAL. REFER TO STRUCTURAL DRAWINGS. 21) INSTALL HOLLOW METAL FRAME AFTER NEW FINISHES ARE COMPLETED. REFER TO DETAILS 14 AND 15 ON SHEET A-601.
- (22) FILL IN OPENING LEFT FROM REMOVAL OF EXISTING LOUVER TO MATCH ADJACENT MATERIALS.
- (23) FINISH END OF WALL AT WALL REMOVAL.
- (24) KITCHEN EQUIPMENT BY OWNER. (25) FILL IN OPENING LEFT FROM REMOVAL OF RECESSED PAPER TOWEL DISPENSER WITH 4" CMU (26) REFER TO STRUCTURAL DRAWINGS FOR NEW LINTEL AND PATCH WALL AND FLOOR AS REQUIRED TO MATCH EXISTING FINISHES.

DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

LOGANSPORT COMMUNITY SCHOOL CORPORATION LOGANSPORT, INDIANA



**KEY PLAN** 

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

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23-134 08/15/24 COORDINATED E

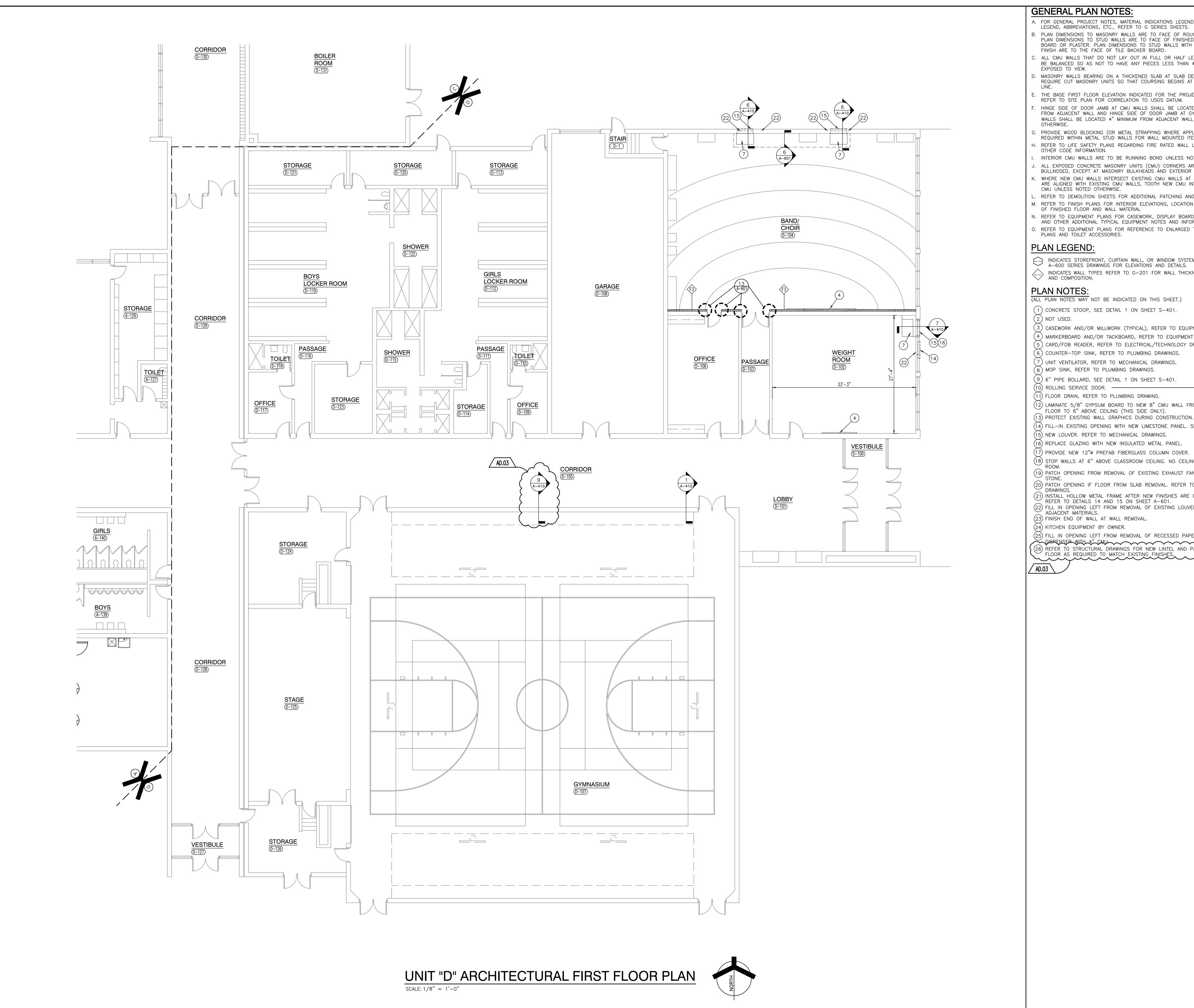
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REVIS	IONS		
MARK	DATE	ISSUED FOR	
AD.03	9/10/24	ADDENDUM NO.3	

UNIT "C" ARCHITECTURAL FIRST FLOOR PLAN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS



**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.
- . 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
- . MASONRY WALLS BEARING ON A THICKENED SLAB AT SLAB DEPRESSIONS REQUIRE CUT MASONRY UNITS SO THAT COURSING BEGINS AT THE FLOOR
- THE BASE FIRST FLOOR ELEVATION INDICATED FOR THE PROJECT IS 100'-0". REFER TO SITE PLAN FOR CORRELATION TO USGS DATUM.
- . 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 PROVIDE WOOD BLOCKING (OR METAL STRAPPING WHERE APPLICABLE) AS
- REQUIRED WITHIN METAL STUD WALLS FOR WALL MOUNTED ITEMS. . REFER TO LIFE SAFETY PLANS REGARDING FIRE RATED WALL LOCATIONS AND OTHER CODE INFORMATION. INTERIOR CMU WALLS ARE TO BE RUNNING BOND UNLESS NOTED OTHERWISE.
- ALL EXPOSED CONCRETE MASONRY UNITS (CMU) CORNERS ARE TO BE BULLNOSED, EXCEPT AT MASONRY BULKHEADS AND EXTERIOR WINDOW JAMBS. . 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. 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
- I. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION. . REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.

### PLAN LEGEND:

INDICATES STOREFRONT, CURTAIN WALL, OR WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.  $\stackrel{\textstyle <}{\bigcirc}$  INDICATES WALL TYPES REFER TO G-201 FOR WALL THICKNESS, HEIGHT, AND COMPOSITION.

# PLAN NOTES:

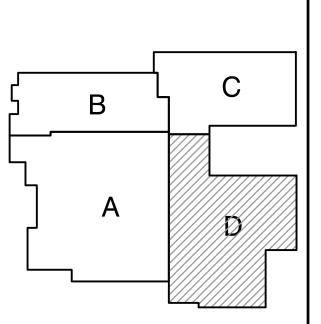
- (ALL PLAN NOTES MAY NOT BE INDICATED ON THIS SHEET.)
- (1) CONCRETE STOOP, SEE DETAIL 1 ON SHEET S-401. (2) NOT USED.
- (3) casework and/or millwork (typical), refer to equipment plans. 4) MARKERBOARD AND/OR TACKBOARD, REFER TO EQUIPMENT PLANS. (5) CARD/FOB READER, REFER TO ELECTRICAL/TECHNOLOGY DRAWINGS.
- (6) COUNTER-TOP SINK, REFER TO PLUMBING DRAWINGS. (7) UNIT VENTILATOR, REFER TO MECHANICAL DRAWINGS. (8) MOP SINK, REFER TO PLUMBING DRAWINGS.
- (9) 6" PIPE BOLLARD, SEE DETAIL 1 ON SHEET S-401. (10) ROLLING SERVICE DOOR. ----
- (11) FLOOR DRAIN, REFER TO PLUMBING DRAWING. (12) LAMINATE 5/8" GYPSUM BOARD TO NEW 8" CMU WALL FROM FLOOR TO 6" ABOVE CEILING (THIS SIDE ONLY).
- 14) FILL-IN EXISTING OPENING WITH NEW LIMESTONE PANEL. SEE  $\frac{9}{(A-601)}$ (15) NEW LOUVER. REFER TO MECHANICAL DRAWINGS.
- (16) REPLACE GLAZING WITH NEW INSULATED METAL PANEL. (17) PROVIDE NEW 12"Ø PREFAB FIBERGLASS COLUMN COVER.
- (18) STOP WALLS AT 6" ABOVE CLASSROOM CEILING. NO CEILING IN THIS (19) PATCH OPENING FROM REMOVAL OF EXISTING EXHAUST FAN WITH CUT
- 20 PATCH OPENING IF FLOOR FROM SLAB REMOVAL. REFER TO STRUCTURAL DRAWINGS.
- (21) INSTALL HOLLOW METAL FRAME AFTER NEW FINISHES ARE COMPLETED.  $\angle$  REFER TO DETAILS 14 AND 15 ON SHEET A-601. (22) FILL IN OPENING LEFT FROM REMOVAL OF EXISTING LOUVER TO MATCH
- ADJACENT MATERIALS. (23) FINISH END OF WALL AT WALL REMOVAL.
- (24) KITCHEN EQUIPMENT BY OWNER. (25) FILL IN OPENING LEFT FROM REMOVAL OF RECESSED PAPER TOWEL DISPENSER WITH 4" CMU (26) REFER TO STRUCTURAL DRAWINGS FOR NEW LINTEL AND PATCH WALL AND FLOOR AS REQUIRED TO MATCH EXISTING FINISHES.



DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

LOGANSPORT COMMUNITY SCHOOL CORPORATION LOGANSPORT, INDIANA



KEY PLAN

GIBRALTAR DESIGN

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

PROJECT 23-134 08/15/24 COORDINATED B'

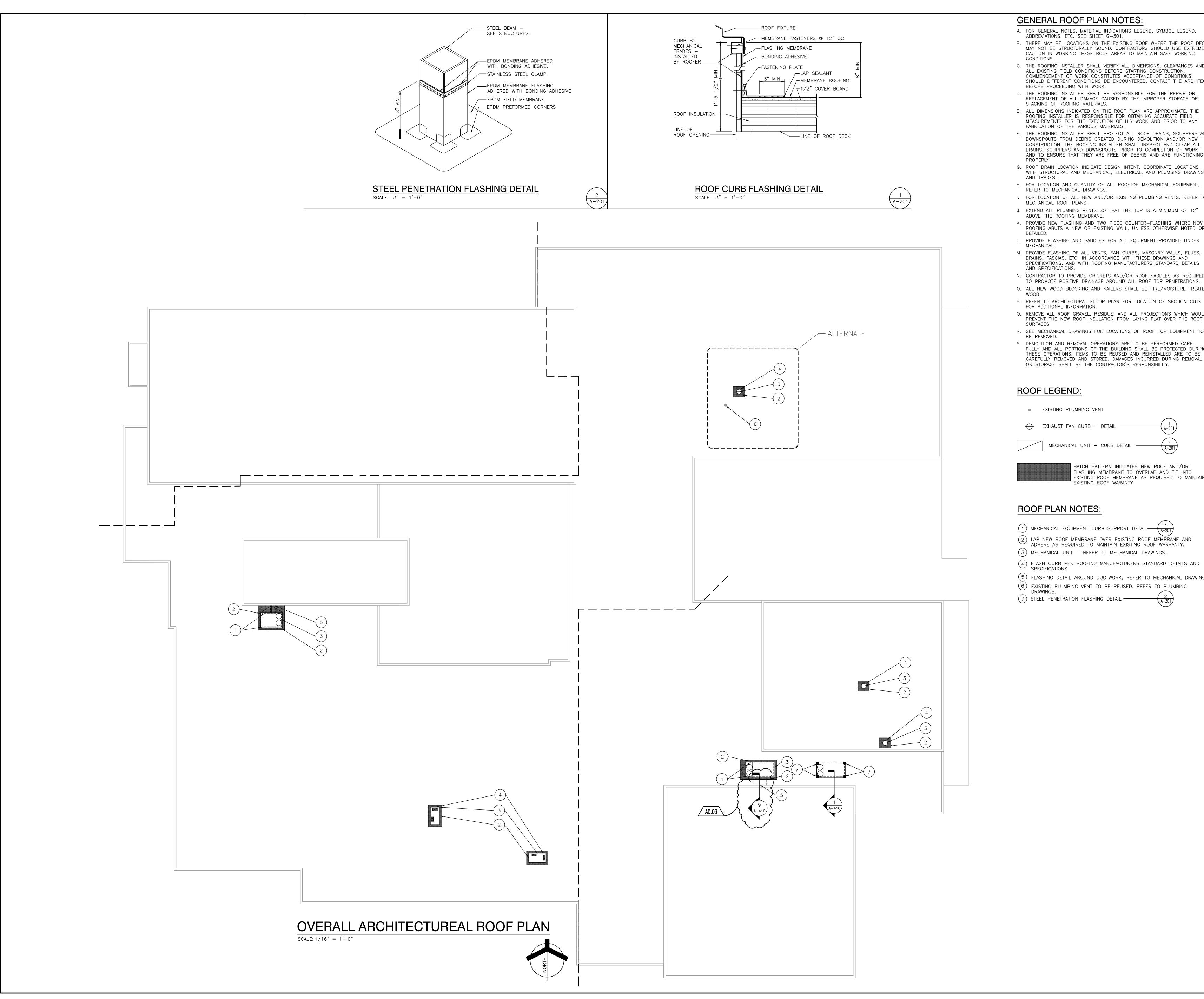
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MARK DATE ISSUED FOR AD.01 8/30/24 ADDENDUM NO.1 AD.03 9/10/24 ADDENDUM NO.3

UNIT "D" ARCHITECTURAL FIRST FLOOR PLAN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS



### **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 THE 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
- 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
- G. ROOF DRAIN LOCATION INDICATE DESIGN INTENT. COORDINATE LOCATIONS WITH STRUCTURAL AND MECHANICAL, ELECTRICAL, AND PLUMBING DRAWINGS
- 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
- L. PROVIDE FLASHING AND SADDLES FOR ALL EQUIPMENT PROVIDED UNDER MECHANICAL.
- 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. ALL NEW WOOD BLOCKING AND NAILERS SHALL BE FIRE/MOISTURE TREATED
- P. REFER TO ARCHITECTURAL FLOOR PLAN FOR LOCATION OF SECTION CUTS FOR ADDITIONAL INFORMATION. Q. REMOVE ALL ROOF GRAVEL, RESIDUE, AND ALL PROJECTIONS WHICH WOULD
- PREVENT THE NEW ROOF INSULATION FROM LAYING FLAT OVER THE ROOF
- R. SEE MECHANICAL DRAWINGS FOR LOCATIONS OF ROOF TOP EQUIPMENT TO
- S. 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:

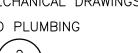
EXISTING PLUMBING VENT



HATCH PATTERN INDICATES NEW ROOF AND/OR FLASHING MEMBRANE TO OVERLAP AND TIE INTO EXISTING ROOF MEMBRANE AS REQUIRED TO MAINTAIN EXISTING ROOF WARANTY

### **ROOF PLAN NOTES:**

- (1) MECHANICAL EQUIPMENT CURB SUPPORT DETAIL  $\frac{1}{A-201}$
- 2 LAP NEW ROOF MEMBRANE OVER EXISTING ROOF MEMBRANE AND ADHERE AS REQUIRED TO MAINTAIN EXISTING ROOF WARRANTY.
- (3) MECHANICAL UNIT REFER TO MECHANICAL DRAWINGS.
- 4 FLASH CURB PER ROOFING MANUFACTURERS STANDARD DETAILS AND SPECIFICATIONS
- (5) FLASHING DETAIL AROUND DUCTWORK, REFER TO MECHANICAL DRAWINGS.
- 6 EXISTING PLUMBING VENT TO BE REUSED. REFER TO PLUMBING DRAWINGS. (7) STEEL PENETRATION FLASHING DETAIL -



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KEY PLAN

GIBRALTAR DESIGN

9102 N. Meridian St., Ste. 300

GIBRALTAR

DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

RENOVATIONS

LOGANSPORT COMMUNITY

SCHOOL CORPORATION

LOGANSPORT, INDIANA

08/15/24 COORDINATED B' DRAWN BY CHECKED BY

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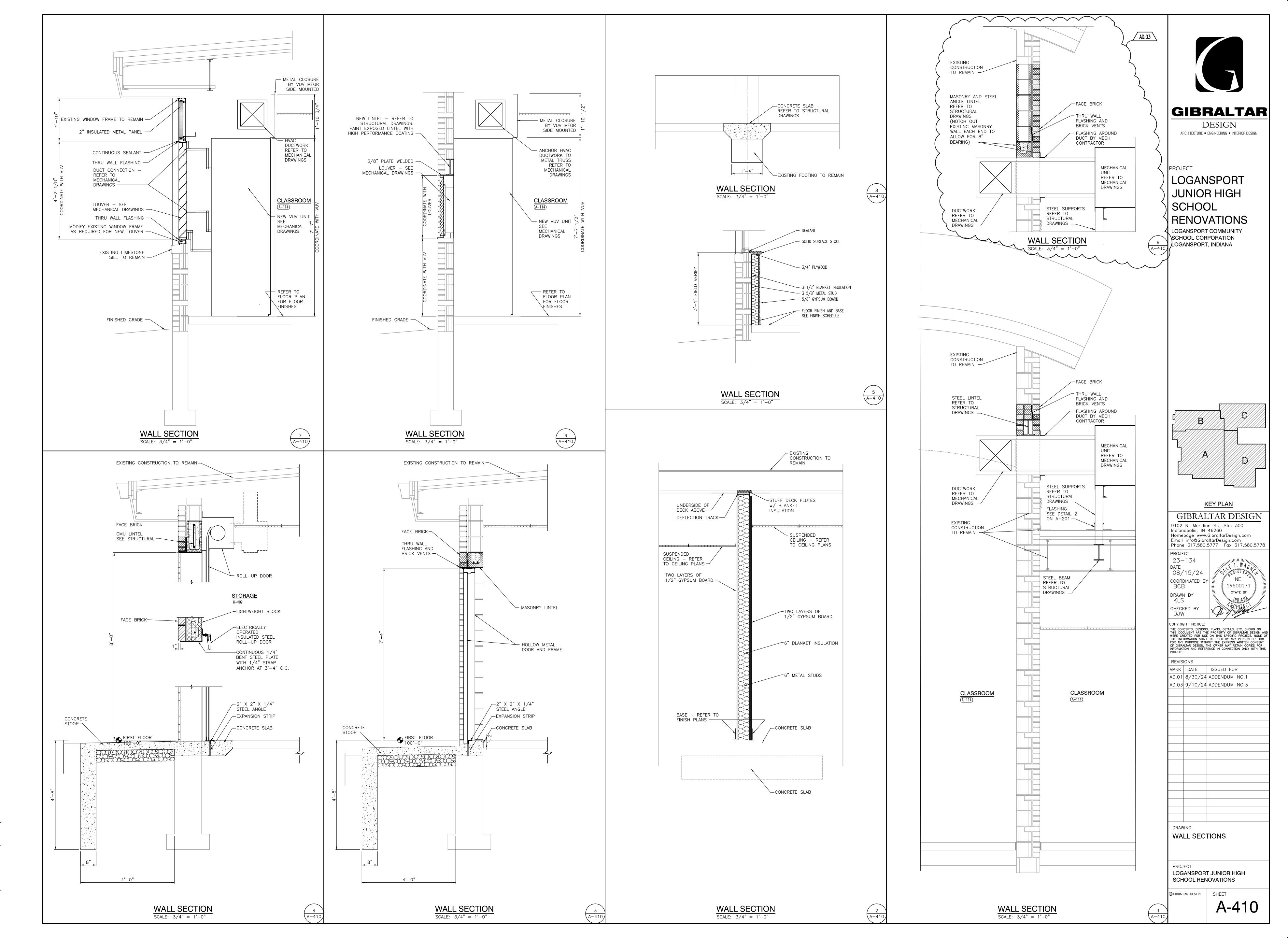
MARK DATE ISSUED FOR

AD.01 8/30/24 ADDENDUM NO.1 AD.03 9/10/24 ADDENDUM NO.3

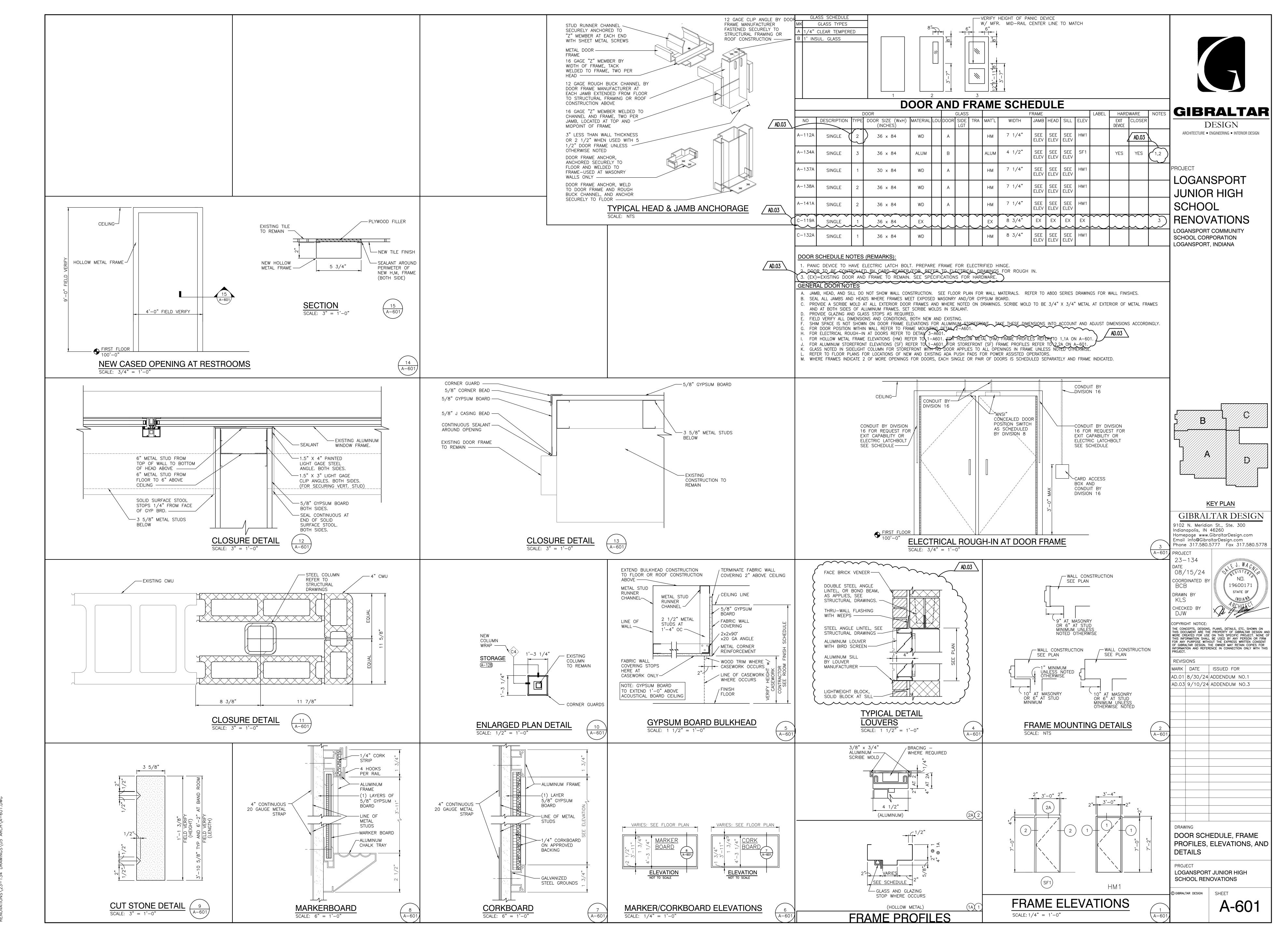
OVERALL ARCHITECTURAL

ROOF PLAN

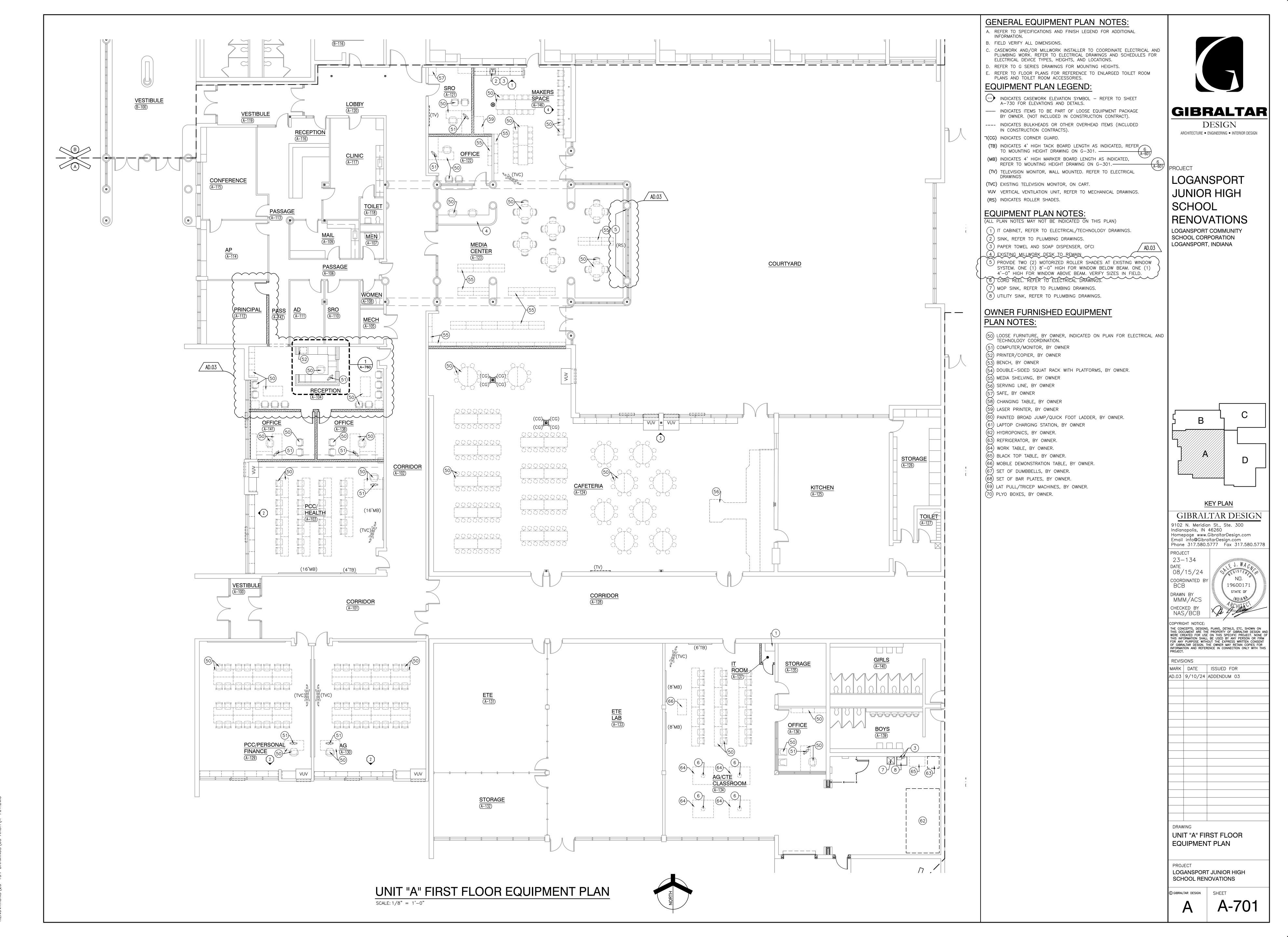
LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS



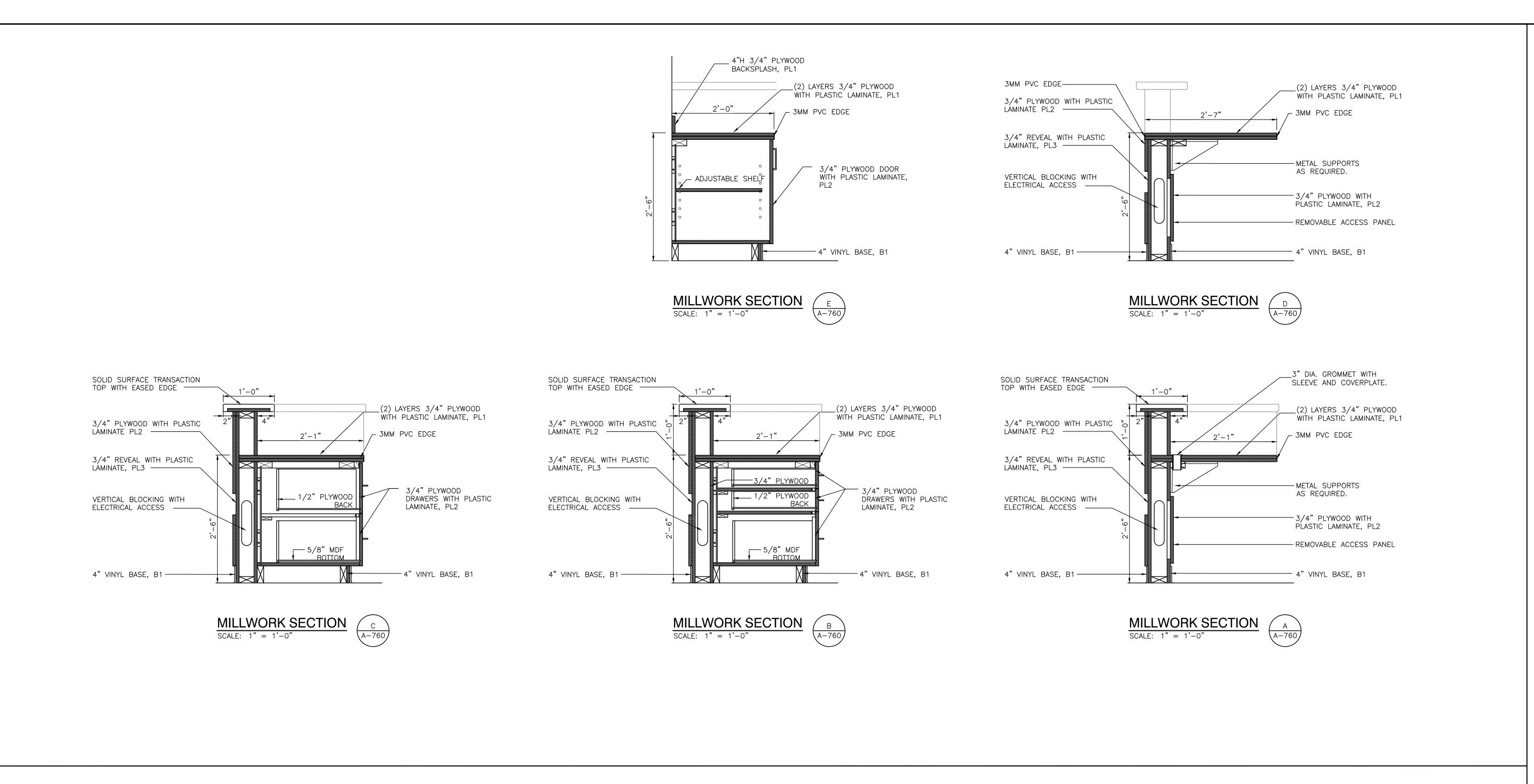
Monday, 9/9/2024 — 5:36 PM — LAST SAVED BY:KSCHULT. Y:\23—134 LOGANSPORT CSC — LOGANSPORT JR HS RENOVATIONS\23—134 DRAWINGS\05 ARCH\A—410.DWG



Monday, 9/9/2024 — 5:37 PM — LAST SAVED BY:KSCHUL Y:\23—134 LOGANSPORT CSC — LOGANSPORT JR HS RENOVATIONS\23—134 DRAWINGS\05 ARCH\A—601.DWG



Monday, 9/9/2024 — 3:13 PM — LAST SAVED BY:ASCOTT Y:\23—134 LOGANSPORT CSC — LOGANSPORT JR HS RENOVATIONS\23—134 DRAWINGS\05 ARCH\A—701 DWG



### **GENERAL NOTES:**

- A. REFER TO FINISH LEGEND (A-820) FOR FINISH INFORMATION. REFERENCE WRITTEN SPECIFICATIONS AND PLANS FOR ADDITIONAL INFORMATION.
- B. FILLER PANELS, TRIM, AND MOLDING PROVIDED SHALL BE CONTINUOUS AS NECESSARY TO MAKE CASEWORK CONTINUOUS TO ADJACENT PARTITION, CEILING, AND/OR BULKHEAD.
- C. WHERE MILLWORK REQUIRES SHIMMING. ONLY APPROVED METAL SHIMS SHALL BE USED.
- D. CABINETS LOCATED IN FRONT OF A PIPE CHASE SHALL HAVE REMOVABLE BACKS.
- F. FIELD VERIFY ALL DIMENSIONS.
- G. REFER TO ELECTRICAL DRAWINGS AND SCHEDULES FOR DEVICE TYPES, HEIGHTS, AND LOCATIONS. H. ALL EXPOSED SURFACES TO BE PLASTIC LAMINATE FINISHED, INCLUDING OPEN INTERIORS OF CABINETRY.
- I. ALL ADJOINING CABINETS SHALL BE ALIGNED. J. ALL EXPOSED ENDS ARE TO BE FINISHED.
- K. ALL CABINETS TO BE LOCKABLE, KEY ALIKE BY ROOM.
- L. ALL PLASTIC LAMINATE COUNTERTOPS TO HAVE 3MM PVC EDGE.



ARCHITECTURE • ENGINEERING • INTERIOR DESIGN

PROJECT

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

LOGANSPORT COMMUNITY SCHOOL CORPORATION LOGANSPORT, INDIANA

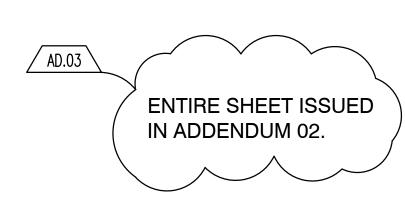
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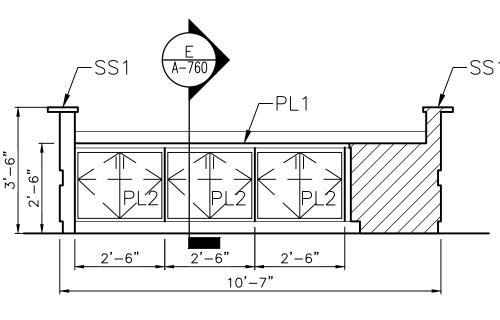


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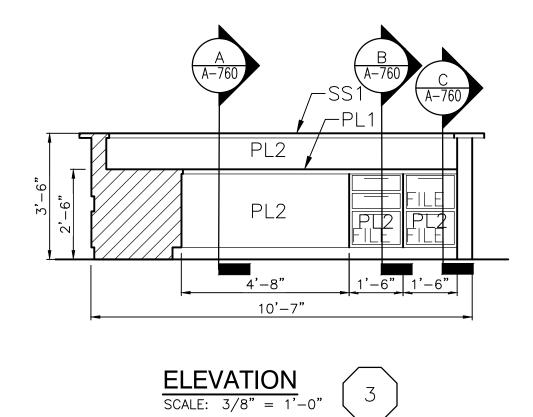
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LOGANSPORT JUNIOR HIGH
SCHOOL RENOVATIONS

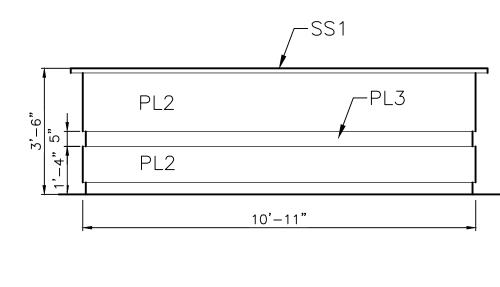
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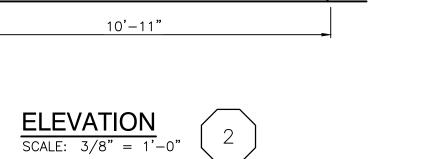
1'-6" 1'-6"

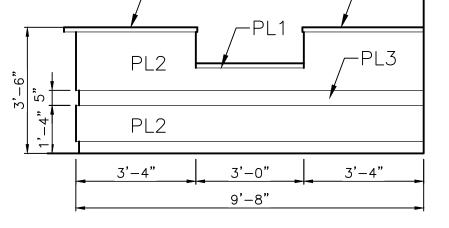


 $\frac{\text{ELEVATION}}{\text{SCALE: } 3/8" = 1'-0"}$ 



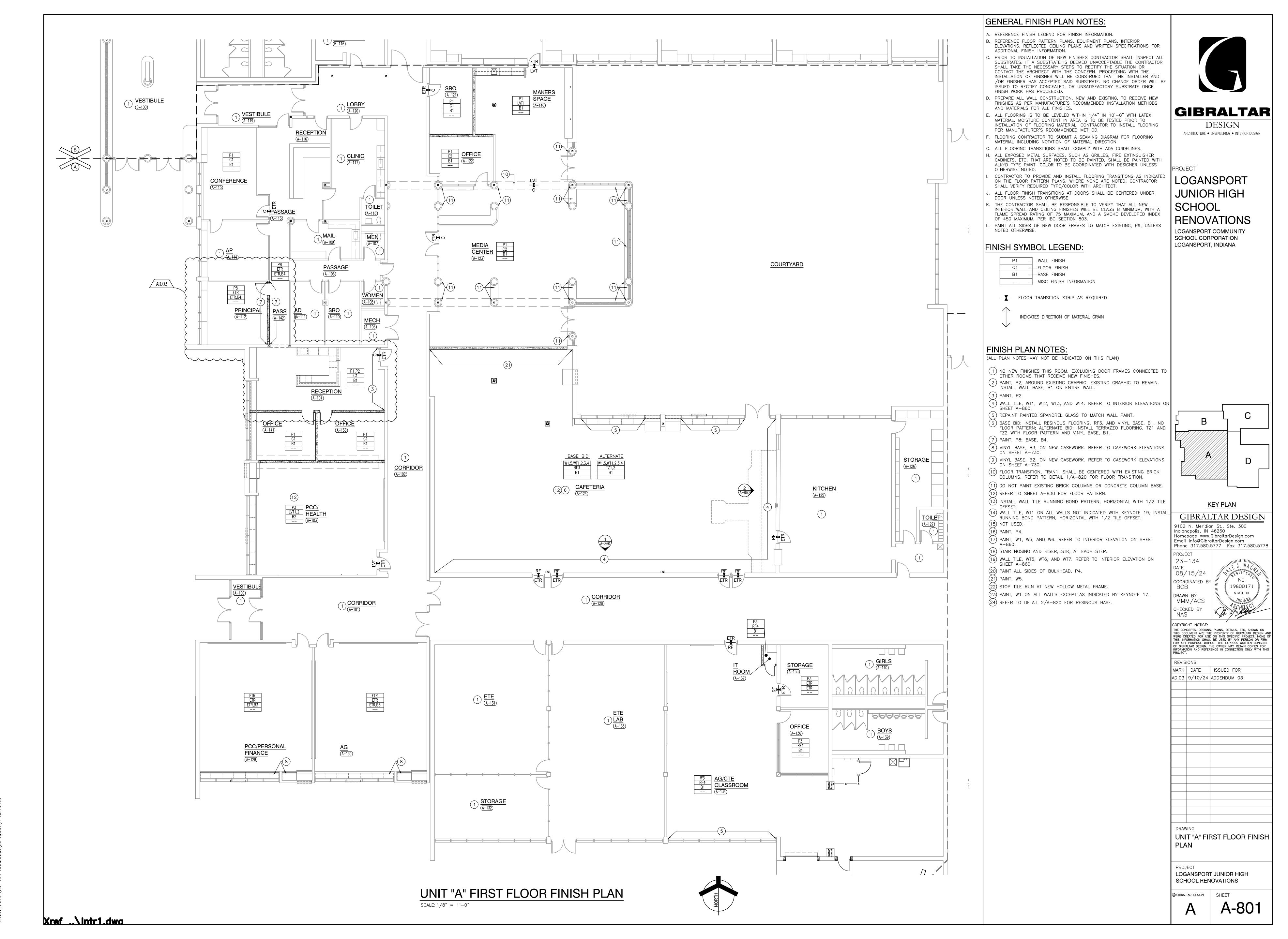






 $\frac{\text{ELEVATION}}{\text{SCALE: } 3/8" = 1'-0"}$ 

RECEPTION DESK A-104 PLAN SCALE: 3/8" = 1'-0"



Monday, 9/9/2024 — 3:15 PM — LAST SAVED BY:ASCOTT Y:\23-134 LOGANSPORT CSC — LOGANSPORT JR HS PENOVATIONS\23-134 DRAWINGS\05 ARCH\4-801 DWG

FINISH LEGEND COMMENTS MARK DESCRIPTION MANUFACTURER PATTERN/FINISH SURFACE NUMBER/COLOR SIZE WALL BASE WALL BASE TARKETT GATEWAY TA4 GRAY HAZE 24 WALL BASE AD.03 MATCH EXISTING TO THE REFERENCE FOR THE REFERENC MATCH EXISTING NOT USED DECO QUARTZ BC23 MIDNIGHT RESINOUS BASE SHERWIN WILLIAMS GIBRALTAR FLOOR MATERIALS ORMATION TRANSITION 11252 | MARENGO/RED OCHRE 58226 ISTALL: VERTICAL ASHLAR CREATE PURPOSE 11769 FORWARD 32829 NSTALL: VERTICAL ASHLAR DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN 18" X 18" OLOR ANCHOR, GROOVE LUXURY VINYL TILE OTTONTAIL C118 18" X 18" OLOR ANCHOR, GROOVE POPPY RED C103 LUXURY VINYL TILE NOT USED RESINOUS FLOOR MIDNIGHT SHERWIN WILLIAMS DECO QUARTZ BC23 RESINOUS FLOOR SHERWIN WILLIAMS DECO FLAKE BC SEE NOTE 1 RESINOUS FLOOR JRETHANE CONCRETE SLURRY LIGHT GRAY LOGANSPORT SEE NOTE 2 TERRAZZO WHITE/RED JUNIOR HIGH TERRAZZO DARK GRAY SEE NOTE 3 SCHOOL ROLL RUBBER FLOOR MONDO SPORT IMPACT DARK GRAY 018 RENOVATIONS POLYSEAL TINT LIGHT GRAY SEALED CONCRETE CHEMMASTERS LOGANSPORT COMMUNITY STAIR NOSING & RISER RAY HAZE 24 SCHOOL CORPORATION LOGANSPORT, INDIANA WALL MATERIALS PAINT SHERWIN WILLIAMS SW 7668 MARCH WIND PAINT SHERWIN WILLIAMS SW 7673 PEWTER CAST PAINT SW 7015 REPOSE GRAY SHERWIN WILLIAMS PAINT SHERWIN WILLIAMS SW 9170 ACIER NOT USED NOT USED AD.03 P7 PAINT SHERWIN WILLIAMS -- SW 7757 HIGH REFLECTIVE WHITE -- CEILINGS
P8 PAINT SHERWIN WILLIAMS -- MATCH EXISTING -- SEE NOTE 5

MATCH EXISTING -- DOOR FRAMES WALL COATING SHERWIN WILLIAMS SW 7668 MARCH WIND NOT USED WALL COATING SW 7015 REPOSE GRAY SHERWIN WILLIAMS NOT USED WALL COATING SHERWIN WILLIAMS SW 6866 HEARTTHROB WALL COATING SHERWIN WILLIAMS SW 6993 BLACK OF NIGHT DESERT GRAY X114 CERAMIC WALL TILE OLOR WHEEL LINEAR SUEDE GRAY 0182 CERAMIC WALL TILE DALTILE OLOR WHEEL LINEAR 4" X 12" CHALKBOARD 0180 4" X 12" WT3 CERAMIC WALL TILE DALTILE OLOR WHEEL LINEAR 4" X 10" CERAMIC WALL TILE PLATFORM SURFACES PLATFORM SOLUTIONS WALL RED PEPPER GLOSSY 4 CERAMIC WALL TILE DALTILE COLOR WHEEL CLASSIC DESERT GRAY X114 CERAMIC WALL TILE COLOR WHEEL CLASSIC SUEDE GRAY 0182 CERAMIC WALL TILE PLATFORM SURFACES PLATFORM SOLUTIONS WALL RED PEPPER GLOSSY 4 3" X 6" FR-AWP1 ACOUSTIC WALL PANEL MAYER FABRICS CARDINAL EQ738 EQUAL FR-AWP2 ACOUSTIC WALL PANEL MAYER FABRICS EQUAL GREY MIX EQ238 CASEWORK AND MILLWORK TEXTURED/SUEDE (SD) PLASTIC LAMINATE PIONITE ICE FISHIN WF181 PLASTIC LAMINATE TEXTURED/SUEDE (SD) PEARL OF THE ORIENT AG601 PIONITE PIONITE TEXTURED/SUEDE (SD) PRIMARY RED SR520 | PLASTIC LAMINATE CALM DISTINCTION VA6001 PLASTIC LAMINATE NEVAMAR PLASTIC LAMINATE WILSONART 38 FINE VELVET TEXTURE RAW COTTON 4947 CARBON CONCRETE SOLID SURFACE CORIAN MISCELLANEOUS TOLIET PARTITION SCRANTON HINY HIDERS, ORANGE PEEL CHARCOAL GREY FLOOR TRANSITION SLIM LINE TRANSITION GATEWAY SLT-TA4-A LVT TO CARPET TRANSITION ROLLER SHADES GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 ETR = EXISTING TO REMAIN ndianapolis, IN 46260 Homepage www.GibraltarDesign.com NOTE 1: CUSTOM DECO FLAKE BC RESINOUS FLOOR FORMULA - TO BE USED FOR ESTIMATING PURPOSES ONLY. CONTRACTOR TO WORK WITH ARCHITECT FOR FINAL FORMULA. Email info@GibraltarDesign.com Phone 317.580.5777 Fax 317.580.5778 70% F9959 1/4" 10% F1050 1/4" 8% F9978 1/4" PROJECT 23-134 5% F1820 1/8" 5% F9902 1/8" 2% F6804 1/8" 08/15/24 NOTE 2: TZ1 (TERRAZZO) FORMULA: COORDINATED BY TERROXY MATCH SW 7668 MARCH WIND 35% CHINA WHITE #1 DRAWN BY 40% RED OPAL GLÄSS #1 ACS 10% BLACK STALLION #1 15% BLACK STALLION #2 CHECKED BY NAS 10% POOL MIX NOTE 3: TZ2 (TERRAZZO) FORMULA: COPYRIGHT NOTICE: THE CONCEPTS, DESIGNS, PLANS, DETAILS, ETC, SHOWN ON THIS DOCUMENT ARE THE PROPERTY OF GIBRALTAR DESIGN AND WERE CREATED FOR USE ON THIS SPECIFIC PROJECT. NONE OF THIS INFORMATION SHALL BE USED BY ANY PERSON OR FIRM FOR ANY PURPOSE WITHOUT THE EXPRESS WRITTEN CONSENT OF GIBRALTAR DESIGN. THE OWNER MAY RETAIN COPIES FOR INFORMATION AND REFERENCE IN CONNECTION ONLY WITH THIS PROJECT. TERROXY JET BLACK 78A-1A 50% BLACK STALLION #0 50% BLACK STALLION #1 10% POOL MIX AD.03 NOTE 4: MATCH EXISTING WALL BASE IN CLASSROOMS A-129 AND A-130 FOR BASE ON NEW CASEWORK. REVISIONS NOTE 5: MATCH EXISTING PAINT AND WALL BASE IN PRINCIPAL A-112 AND PASS A-142 WHERE NEW WALL IS CONSTRUCTED. MARK DATE ISSUED FOR AD.03 9/10/24 ADDENDUM 03 \_\_\_\_ COVE STRIP (ZINC) VINYL TRANSITION— /-- VINYL TILE - 3/4" RADIUS COVE CARPET -DRAWING RESINOUS FLOORING -FINISH LEGEND & DETAILS FLOOR LINE LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS © GIBRALTAR DESIGN SHEET VINYL TILE-CARPET JOINT COVE BASE WITH CAP DETAIL  $\left(\begin{array}{c} 2\\ A-820 \end{array}\right)$ SCALE: NOT TO SCALE

) BY:ASC JR HS 820.DWC

SCALE: 6" = 1'-0"

(A-820)

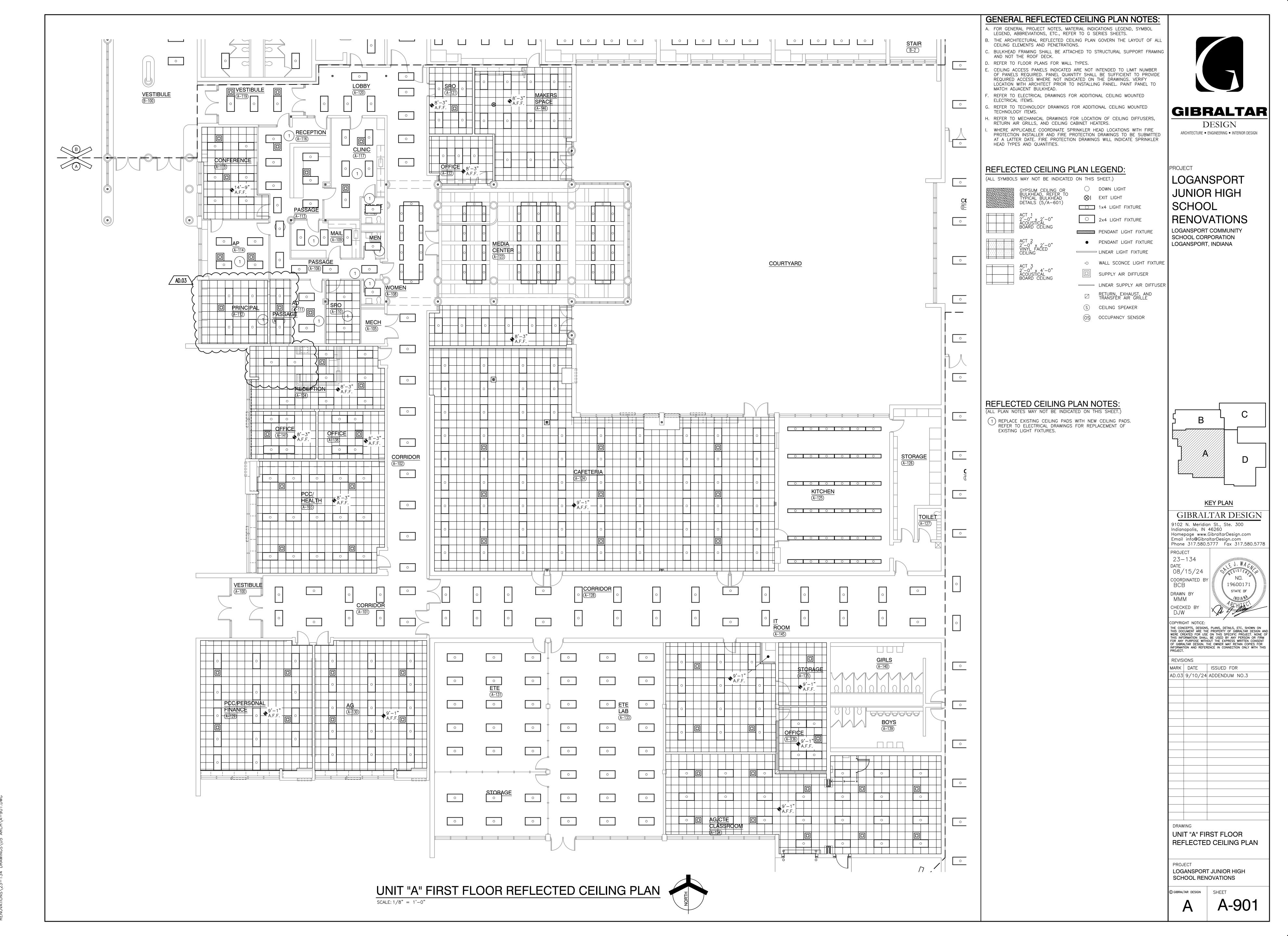
A-820

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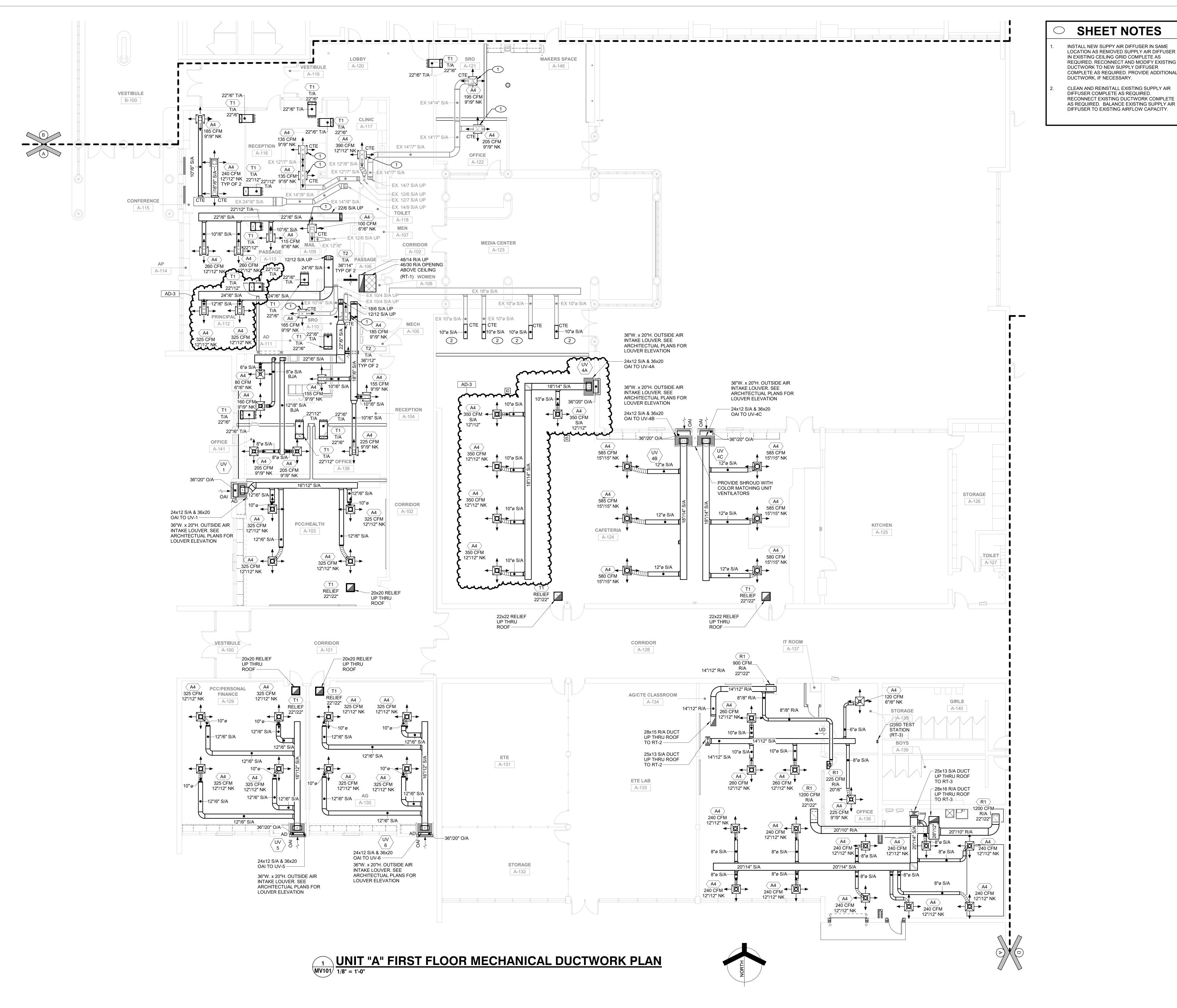
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STATE OF

NDIA WA



Monday, 9/9/2024 – 5:46 PM – LAST SAVED BY:KSCHULT Y:\23-134 LOGANSPORT CSC – LOGANSPORT JR HS



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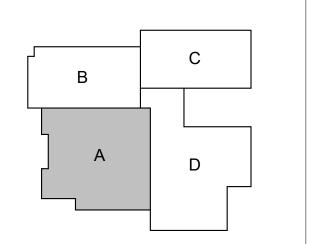
(219) 924-8400 PROJECT:

GIBRALTAR

**DESIGN** 

LOGANSPORT JUNIOR HIGH SCHOOL

RENOVATIONS
LOGANSPORT COMMUNITY
SCHOOL CORPORATION LOGANSPORT, INDIANA



KEY PLAN GIBRALTAR DESIGN 9102 N. Meridian St., Ste. 300 Indianapolis, IN 46260

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MARK DATE ISSUED FOR AD-3 09/10/24 ADDENDUM 3

DRAWING UNIT "A" FIRST FLOOR MECHANICAL HVAC PLAN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

A

MV101



GIBRALTAR DESIGN

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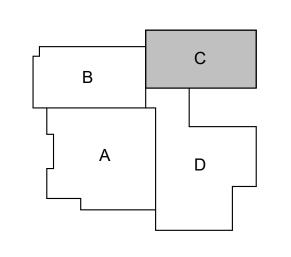
ENGINEERING GROUP
(219) 924-8400

www.milliesengineeringgroup.com

PROJECT:

LOGANSPORT JUNIOR HIGH SCHOOL

RENOVATIONS
LOGANSPORT COMMUNITY
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LOGANSPORT, INDIANA



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PROJECT 23-134 DATE 08/15/24

08/15/24
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JC
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REVISIONS

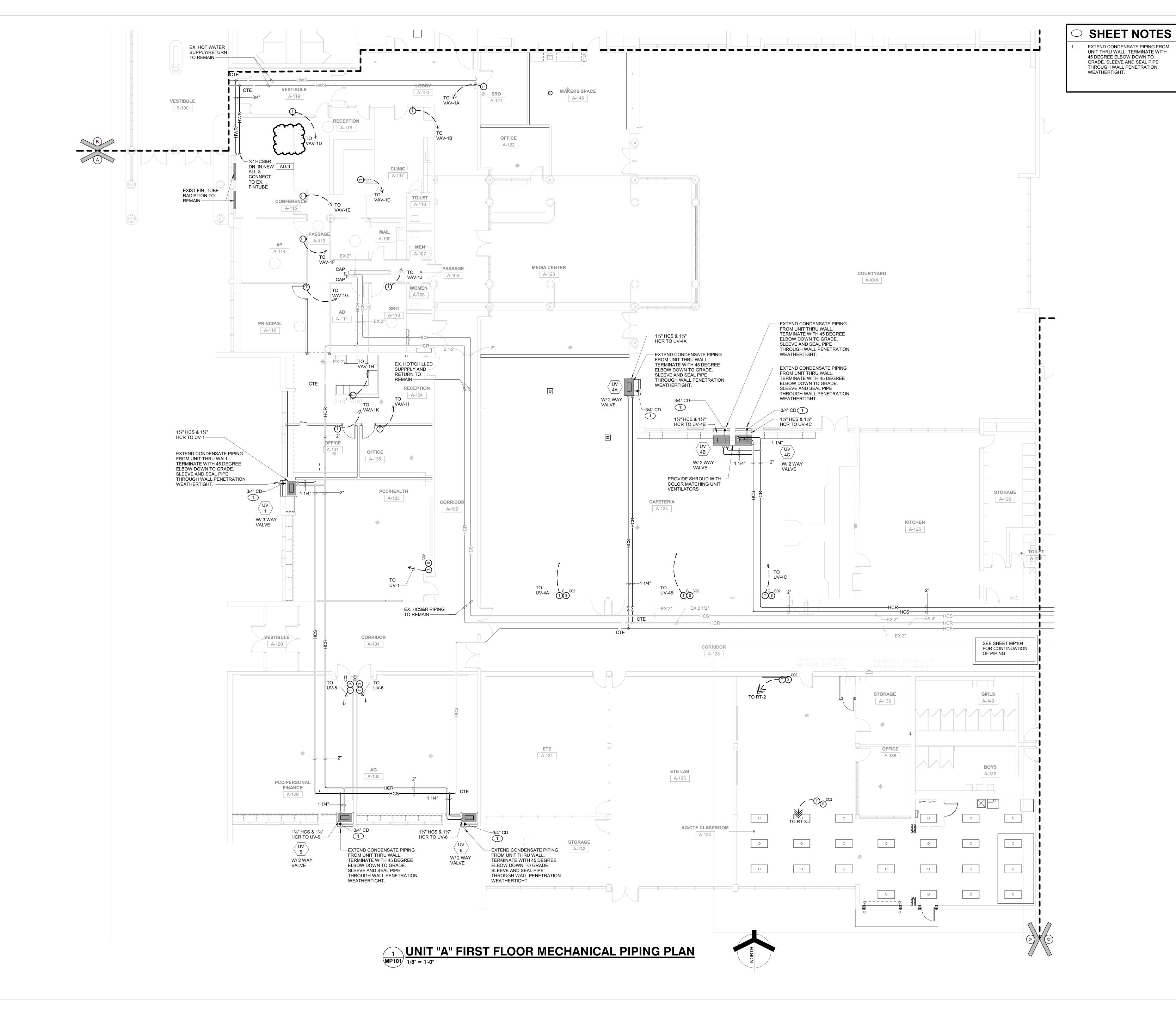
MARK DATE ISSUED FOR
AD-3 09/10/24 ADDENDUM 3

DRAWING
UNIT "C" FIRST FLOOR
MECHANICAL HVAC PLAN

PROJECT
LOGANSPORT JUNIOR HIGH
SCHOOL RENOVATIONS

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MV102



**GIBRALTAR** 

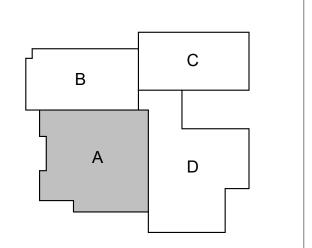
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PROJECT:

LOGANSPORT JUNIOR HIGH SCHOOL

RENOVATIONS LOGANSPORT COMMUNITY SCHOOL CORPORATION LOGANSPORT, INDIANA



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REVISIONS

MARK DATE ISSUED FOR AD-3 09/10/24 ADDENDUM 3

DRAWING UNIT "A" FIRST FLOOR MECHANICAL PIPING PLAN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

A

MP101

$\bigcirc$																	MEC	CHA	NICA	\L E	QUIF	MEN	T SC	HE	DULE																	
							AN MOTOR	DATA			EXHAUST	FANS		DX CO	OLING EQUI	PMENT/COIL DATA	4	G/	AS FIRED HEA	ATING EQU	PMENT DATA		СН	ILLED WA	ATER COOLING EQU	IPMENT/COIL D	ATA			НОТ	WATER HEATIN	G EQUIPMEN	T/COIL DATA	1			ELECTR	CAL DATA				
TAG	MANUFACTURE	R MODEI	DESCRIPTION	EFFICIENCY		I. OAI CFM	TSP	SP BHP	HP R	PM CF	M FSP BHP	HP R	PM MBH	SHC FDB	FWB	IDB IWB	CAT STA	MBH		FAT I	AT STAGES	MBH SH	C GPM F	DB FV	WB IDB IWE	B FWT IN	MAX VT APD V	VPD CAT	MB CFM (IN	BH MBH	GPM FAT	LAT	FWT I W		MAX WPD HP	LOAD MCA FLA	MOCP VO	DIT PHAS	PI			EQUIPMENT REMARKS
RT-1	TRANE	DSJ180A3SB	ROOF MOUNTED PACKAGED		4500 470		1.97		3 1				160.75	34.1 77.5	62	19.56 48.77	95 M	OD 250	0 202.5	61.3 10	1.79 MOD		<u> </u>				. , , , , ,			., (33.)	0			7.1.2		83	110 2	08 3	60 X		EX FMS	2873 NOTE 1
RT-2	TRANE	OABE036A4	ROOF MOUNTED PACKAGED	20.6 EER	1120 590	0 130	1.2		1 1	505			38.3	28.2 76.3	64.4	73.2 60.55	95 M	OD 50	40	64.2 9	7.1 MOD															47	80 2	08 3	60 X	E.	EX FMS	1947 NOTE 2
RT-3	TRANE	OABE108A4	ROOF MOUNTED PACKAGED	16.1 EER 2	2400 172	20 210	2.6		3 2	625			87.5	61 78.7	66.5	55.1 54.3	95 M	OD 125	5 100	53.6	2 MOD															47	80 2	08 3	60 X	E	EX FMS	2058 NOTE 2
UV-1	SYSTEMAIR	FRESHMAN HCC FB IQ - CABINET	\ /		1300 45	5 75		0.4	0.5													58.39 39.	63 8.8 8	1.1 67	7.79 53.5 53.2	3 44 57	.22	12	0 CFM	171.98	3 12 43.5	5 165.08	180 150.	58	12	4	15 2	08 1	60 X	WA T	ALL MTD TSTAT	750 NOTE 3
UV-2	SYSTEMAIR	FRESHMAN HCC FB IQ - CABINET	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE		1300 300	0 75		0.4	0.5													48.68 35.	44 8.1 7	9.8 66	5.63 55.9 54.4	7 44 55	.97	12		152.94	1 12 51.9	159.81	180 153.8	83	12	4	15 2	08 1	60 X	WA T	ALL MTD TSTAT	750 NOTE 3
UV-3A	SYSTEMAIR	FRESHMAN HCC FB IQ - CABINET	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE		1600 21	5 75		0.4	0.75													56.82 42.	25 8.5 7	8.1 65	5.49 54.15 53.7	3 44 57	.32	12		195.6	10 45.6	5 157.9	180 139.8	84	12	6	15 2	08 1	60 X	WA T	ALL MTD TSTAT	750 NOTE 3
UV-3B	SYSTEMAIR	FRESHMAN HCC FB IQ - CABINET	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE	:	2000 21	5 75		0.4	1													65.2 51.	11 10.8 7	7.4 64	4.41 54.07 53.4	4 44 56	.03	12		201.79	0 10 62.0	3 154.83	180 138.	57	12	7	15 2	08 1	60 X	W.A.	ALL MTD TSTAT	750 NOTE 3
UV-4A	SYSTEMAIR	FRESHMAN HCC FB IQ - CABINET	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE		1750 800	0 100		0.4	0.75													83.12 55.	32 13 8	3.7 69	9.39 54.85 54.4	5 44 56	.74	12		217.9	12 43.5	5 157.93	180 142.	72	12	6	15 2	08 1	60 X	WA T	ALL MTD TSTAT	750 NOTE 3
UV-4B	SYSTEMAIR	FRESHMAN HCC FB IQ - CABINET			1750 800	0 100		0.4	0.75													83.12 55.	32 13 8	3.7 69	9.39 54.85 54.4	5 44 56	.74	12		217.9	12 43.5	5 157.93	180 142.	72	12	6	15 2	08 1	60 X	WA T	ALL MTD TSTAT	750 NOTE 3
UV-4C	SYSTEMAIR	FRESHMAN HCC FB IQ - CABINET	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE		1750 800	0 100		0.4	0.75													83.12 55.	32 13 8	3.7 69	9.39 54.85 54.4	5 44 56	.74	12		217.9	12 43.5	5 157.93	180 142.	72	12	6	15 2	08 1	60 X	WA T	ALL MTD TSTAT	750 NOTE 3
UV-5	SYSTEMAIR		VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE		1300 455	5 75		0.4	0.5													58.39 39.	63 8.8 8	1.1 67	7.79 53.5 53.2	3 44 57	.22	12	0 CFM	171.98	3 12 43.5	165.08	180 150.	58	12	4	15 2	08 1	60 X	WA T	ALL MTD TSTAT	750 NOTE 3
UV-6	SYSTEMAIR	FRESHMAN	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE		1300 45	5 75		0.4	0.5													58.39 39.	63 8.8 8	1.1 67	7.79 53.5 53.2	3 44 57	.22	12	0 CFM	171.98	3 12 43.5	5 165.08	180 150.	58	12	4	15 2	08 1	60 X	WA	ALL MTD TSTAT	750 NOTE 3
UV-7	SYSTEMAIR	FRESHMAN	VERTICAL UNIT VENTILATOR -		1300 45	5 75		0.4	0.5													58.39 39.	63 8.8 8	1.1 67	7.79 53.5 53.2	3 44 57	.22	12		171.98	3 12 43.	5 165.08	180 150.	58	12	4	15 2	08 1	60 X	WA	ALL MTD TSTAT	750 NOTE 3
TEF-1	GREENHECK		ROOF MOUNTED TOILET EXHAUST FAN							212	20 0.33 .330	8	96																							7	15 1	20 1	60	X E	EX FMS	75 NOTE 4
RCP-1	AIRTEX	HEF-2	HW RADIANT PANEL																											0.778	0.9		180 160	0						WA T	ALL MTD TSTAT	NOTE 5
RCP-1	AIRTEX	HEF-2	HW RADIANT PANEL																											0.778	0.9		180 160	0						WA	ALL MTD TSTAT	NOTE 5

NOTE 4.	
NOTE 1: PROVIDE WITH:	
INTEGRATED ECONOMIZER WITH DIFFERENTIAL ENTHALPY SENSORS     DIGITAL SCROLL (LEAD ONLY) OR VARIABLE SPEED COMPRESSORS	
DIGITAL CONCLE (ELAD CIVET) ON VARIABLE OF ELD COMPARED	
S/A & POW EXH DIRECT DRIVE FANS W/VFD,	
NON-FUSED DISCONNECT SWITCH	
SHORT CIRCUIT RATING 35 K	
PHASE & BROWN-OUT PROTECTION	
HINGED ACCESS DOORS	
<ul> <li>VIBRATION ISOLATION CURB w/ HUSHCORE DECK DS-53 ACOUSTICAL TREATMENT.</li> </ul>	
<ul> <li>POWERED EXHAUST FAN W/BLDG PRESSURIZATION CONTROL,</li> </ul>	
STAINLESS STEEL HEAT EXCHANGER	
<ul> <li>MODULATING GAS w/HIGH TURNDOWN (10:1 TURNDOWN)</li> </ul>	
FLUE DEFLECTOR	
<ul> <li>METAL MESH OUTSIDE AIR INTAKE HOOD FILTER</li> </ul>	
<ul> <li>CONDENSER FAN w/VFD FOR HEAD PRESSURE CONTROL</li> </ul>	
VAV HEATING & COOLING	
HAIL CONDENSER COIL GUARD PROTECTION	
• FILTERS: 4" MERV 13 & 2" MERV 8	
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.	'
NOTE 2:	
PROVIDE WITH:	
INTEGRATED ECONOMIZER WITH DIFFERENTIAL ENTHALPY SENSORS	
<ul> <li>DIGITAL SCROLL (LEAD ONLY) OR VARIABLE SPEED COMPRESSORS</li> </ul>	
S/A & POW EXH DIRECT DRIVE FANS W/VFD,	
NON-FUSED DISCONNECT SWITCH	
SHORT CIRCUIT RATING 35 K	
PHASE & BROWN-OUT PROTECTION	
HINGED ACCESS DOORS	
VIBRATION ISOLATION CURB w/ HUSHCORE DECK DS-53 ACOUSTICAL TREATMENT.	
POWERED EXHAUST FAN W/BLDG PRESSURIZATION CONTROL,	
STAINLESS STEEL HEAT EXCHANGER	
MODULATING GAS w/HIGH TURNDOWN (10:1 TURNDOWN)	
FLUE DEFLECTOR	
METAL MESH OUTSIDE AIR INTAKE HOOD FILTER	
CONDENSER FAN W/VFD FOR HEAD PRESSURE CONTROL	
SINGLE ZONE VAV HEATING & COOLING	
HAIL CONDENSER COIL GUARD PROTECTION	
FILTERO. 4 MERV 13 & Z MERV 0	
DEMAND CONTROL VENTILATION	
<ul> <li>DEHUMIDIFICATION</li> <li>SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.</li> </ul>	
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.	
NOTE 3:	
PROVIDE WITH:	
• 100% OUTSIDE AIR ECONOMIZER CAPABILITY	
DISCONNECT SWITCH	
FILTERS TERMINAL STRIPS FOR DDC READY	
• FACE AND BYPASS DAMPER	
DEMAND CONTROL VENTILATION  10 P. FALSE PACK FOR LINETS	
• 10" D. FALSE BACK FOR UNITS	
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.	
NOTE 4:	
PROVIDE WITH:	
BUILT-IN BACKDRAFT DAMPER	
• INTEGRAL METAL GRILLE • VIRBATION ISOLATION HANGERS	
VIBRATION ISOLATION HANGERS SEE SPECIFICATIONS FOR ADDITIONAL PROLUBEMENTS.	
SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.	
NOTE 5:	
PROVIDE WITH:	
MOUNTING HARDWARE	
BATT INSULATION	

	>			RELIEF/IN	NTAKE HOO	DSCHEDULE
TAG	MANUFACTURER	MODEL	THROAT SIZE	DESCRIPTION	LOCATION	REMARKS
RH-1	ACME	FGR	14x14	RELIEF AIR HOOD	ROOF	PROVIDE W/ BIRDSCREEN, BAROMETRIC RELIEF DAMPER, AND 18" HIGH ROOF CURB
RH-2	ACME	FGR	18x18	RELIEF AIR HOOD	ROOF	PROVIDE W/ BIRDSCREEN, BAROMETRIC RELIEF DAMPER, AND 18" HIGH ROOF CURB
RH-3	Greenheck	FGR	24x24	@Description	ROOF	PROVIDE W/ BIRDSCREEN, BAROMETRIC RELIEF DAMPER, AND 18" HIGH ROOF CURB

									HE	:AI	RE		<b>)VE</b>	:RY	<b>S</b> (	CHE	<b>ED</b>	JLE								
		MIXE	D SUPPLY	Y AIR			R	ETURN A	IR			E	KHAUST A	JR.			C	UTSIDE A	IR		ŀ	IEAT RE	COVERY [	ISCHARG	E	
		SUM	IMER	WIN	ITER		SUM	MER	WIN	TER		SUM	MER	WIN	ITER		SUN	MER	WIN	TER		SUI	MMER	WIN	ITER	
UNIT TAG	CFM	DB	WB	DB	WB	CFM	DB	WB	DB	WB	CFM	DB	WB	DB	WB	CFM	DB	WB	DB	WB	CFM	DB	WB	DB	WB	REMARKS
RT-2	1120	76.3	64.4	64.2	64.2	590	75	63	70	51	654	92.2	75.9	0.9	0.8	654	95	78	-10	-11	590	77.4	65.5	59.1	44.7	
RT-3	2400	78.7	66.5	53.6	53.6	1720	75	63	70	51	1807	89.4	74	11.7	11.1	1807	95	78	-10	-11	1720	80.2	67.8	47.1	37.3	

				COO	LING		HW REHEA	T COIL DATA		CONTROL	L SEQUENCE	
TAG	MANUFACTURER	MODEL	INLET DIA.	MAX CFM	MIN CFM	MBH	GPM	MAX WPD	EWT	OPEN/ CLOSED	OPEN/CLOSED/ OPEN	REMARKS
1A	NAILOR	D30RW-08	8"	665	65	21.6	2.2	5	180	•		
1B	NAILOR	D30RW-05	5"	270	25	7.3	0.7	5	180		•	
1C	NAILOR	D30RW-06	6"	390	40	10.6	1.1	5	180		•	
1D	NAILOR	D30RW-06	6"	400	40	10.9	1.1	5	180		•	
1E	NAILOR	D30RW-08	8"	635	65	20.7	2.1	5	180		•	
1F	NAILOR	D30RW-05	5"	100	_10	2.7	0.3	5	180		•	
_1G	NAILOR	D30RW-08	8	650	65	21.2	2.1	<b>1 1 1 1 1 1 1 1 1 1</b>	2280		•	
1H	NAILOR	D30RW-05	5"	165	15	4.5	0.4	5	180		•	
11	NAILOR	D30RW-05	5"	185	20	5	0.5	5	180		•	
1J	NAILOR	D30RW-08	8"	650	65	21.2	2.1	5	180		•	
1K	NAIL OR	D30RW_07	7"	535	55	14.6	1.5	5	180		•	

$\bigcirc$	G	RILLE	, REGISTE	R, & D	IFFUSER :	SCHE	DULE
TAG	MANUFACTURER	MODEL	DESCRIPTION	AIR PATTERN	MOUNTING	SIZE	REMARKS
A4	NAILOR	6500-O	SUPPLY CEILING DIFFUSER	4-WAY	2' x 2' LAY-IN PANEL	SEE PLANS	
K1	NAILOR	61DHC	SUPPLY REGISTER	DOUBLE DEFLECTION	DUCT MOUNTED	SEE PLANS	
R1	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	
R2	NAILOR	6145H-O	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	SURFACE-MOUNTED	SEE PLANS	
T1	NAILOR	6145H	RETURN/EXHAUST REGISTER	LOUVERED GRILLE	LAY-IN PANEL	SEE PLANS	
T2	NAILOR	6145H	RETURN/EXHAUST/T.A. GRILLE	LOUVERED GRILLE	SURFACE-MOUNTED	SEE PLANS	

$\bigcirc$		NATURAL GAS CONN	<b>IECTION SCH</b>	HEDUL	.E
TAG	QUANTITY	DESCRIPTION	LOCATION	CAPACITY PER UNIT (CFH)	TOTAL CAPACITY (CFH)
RT-1	1	ROOF MOUNTED PACKAGED HVAC UNIT - DX COOLING/GAS HEATING (VAV)	ROOF	250	250
RT-2	1	ROOF MOUNTED PACKAGED HVAC UNIT - DX COOLING/GAS HEATING (SZVAV)	ROOF	50	50
RT-3	1	ROOF MOUNTED PACKAGED HVAC UNIT - DX COOLING/GAS HEATING (SZVAV)	ROOF	125	125
EX-RT-1	1	EXISTING ROOF MOUNTED PACKAGED HVAC UNIT - NEW LOCATION SERVING GYMNASIUM	ROOF	350	350
EX-RT-2	1	EXISTING ROOF MOUNTED PACKAGED HVAC UNIT - NEW LOCATION SERVING GYMNASIUM	ROOF	350	350
OTAL @ 8" WC	):				1125



**GIBRALTAR** DESIGN

ARCHITECTURE • ENGINEERING • INTERIOR DESIGN MILLIES
ENGINEERING GROUP
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PROJECT:

LOGANSPORT JUNIOR HIGH SCHOOL

RENOVATIONS
LOGANSPORT COMMUNITY
SCHOOL CORPORATION
LOGANSPORT, INDIANA

GIBRALTAR DESIGN

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REVISIONS MARK DATE ISSUED FOR AD-3 09/10/24 ADDENDUM 3

MECHANICAL SCHEDULES

PROJECT
LOGANSPORT JUNIOR HIGH
SCHOOL RENOVATIONS

BATT INSULATION

SEE SPECIFICATIONS FOR ADDITIONAL REQUIREMENTS.

M-501

#### **ELECTRICAL ABBREVIATIONS** ABBREVIATIONS USED ON DRAWINGS IN GENERAL ARE LISTED BELOW. REFER TO CSI SECTION 01420 FOR ANY ABBREVIATIONS LISTED ON THE DRAWINGS BUT ARE NOT LISTED BELOW. KILOVOLT AMPERE AIR CONDITIONING KILOWATTS MECHANICAL MECH ABOVE FINISHED FLOOR MOUNTED ABOVE FINISHED GRADE NEW LOCATION OF EXISTING RELOCATED DEVICE BRKR BREAKER NOT IN CONTRACT **NIGHTLIGHT SCALE** CONDUIT CABINET HEATER NOT TO O/C ON CENTER CIRCUIT DISTR DISTRIBUTION PANEL EXHAUST FAN REMOVE AND RELOCATE EXISTING DEVICE ELEC ELECTRICAL **EMERGENCY ELECTRICAL METALLIC TUBING** TYPICAL UN UNLESS OTHERWISE NOTED EXISTING TO BE REMOVED DEVICE VOLTS EXISTING TO REMAIN DEVICE VERIFY IN FIELD WATTS WEATHER PROOF TYPE DEVICE FUSIBLE SWITCH FURNISH AND INSTALL WIRE GUARD GROUND GROUND FAULT INTERRUPTING PROTECTION GRC GALVANIZED RIGID CONDUIT HORSEPOWER JUNCTION BOX

# **SYMBOL LIST**

#### **LIGHTING RECEPTACLES EQUIPMENT AND WIRING** EMERGENCY BATTERY LIGHT MOUNTED 7'-6" AF (OR AS NOTED) 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #5362 OR EQUAL). FLUSH IN FLOOR BOX, SIZE AND TYPE AS REQUIRED. VERIFY IN FIELD EXACT CONDITIONS AND REQUIREMENTS PRIOR TO ROUGH-IN. FURNISH AND INSTALL ACCESSORIES AND REMOTE EMERGENCY BATTERY LIGHT MOUNTED 7'-6" AF (OR AS NOTED) APPURTENANCES AS REQUIRED FOR A COMPLETE AND PROPERLY OPERATING SYSTEM. 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPLASH IF LOCATED ABOVE COUNTER) (HUBBELL #5362 OR EQUAL) JUNCTION BOX - SIZE AND TYPE AS REQUIRED. FIXTURE ON EMERGENCY CIRCUIT (EM/NL) WITH 90 MINUTE, FULL LUMEN OUTPUT BATTERY 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE - (MOUNTED AT SPECIAL HEIGHT -UNIT OR INVERTER. BODINE #B30 (FLUORESCENT), BODINE FACTORY INSTALLED DRIVER (LED) COORDINATE IN FIELD) (HUBBELL #5362 OR EQUAL) FLEX CONDUIT CONNECTION OR MYERS #LV SERIES INVERTER (FLUORESCENT OR LED). REMOTE MOUNT IN ACCESSIBLE CEILINGS WHERE INTERNAL INSTALLATION IS NOT POSSIBLE (PROVIDE TEST SWITCH & ALL 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION -NECESSARY APPURTENANCES). ELECTRIC MOTOR CONNECTION - PROVIDE LOCAL DISCONNECT SWITCH PER NATIONAL ELECTRIC (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #GF20 OR EQUAL) CODE - CONNECT MISCELLANEOUS ACCESSORIES SUCH AS BACK DRAFT DAMPERS, ETC. COMPLETE ᢆᠮᢆᡮᢇᢇᢇᢇᢇᢇᢇᢇᢇ AS REQUIRED. 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION (MOUNTED 42" A.F.F. OR 2" ABOVE BACKSPLASH IF LOCATED ABOVE COUNTER) (HUBBELL #GF20 OR WWW SWITCHING ELECTRIC PANELBOARDS DISCONNECT SWITCH SIZE AND TYPE AS REQUIRED - COORDINATE AMPERE RATING WITH SPECIAL PURPOSE OUTLET (AS NOTED ON PLAN OR SPECIFICATIONS). 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE WITH TWO (2) INTEGRAL USB JACKS. TRANSFORMER - SIZE AND TYPE AS REQUIRED MOUNTED 18" A.F.F. OR AS NOTED. PROVIDE PASS AND SEYMOUR #TR5362US OR APPROVED FURNISH AND INSTALL TWO BUTTON ON/OFF SWITCH MTD 42" AFF: SENSORSWITCH #SPODM OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED SURGE SUPPRESSION DEVICE FOR CONTROL OF FIXTURES. 120V-20A SPECIFICATION GRADE DUPLEX RECEPTACLE WITH TWO (2) INTEGRAL USB JACKS. TELEPHONE TERMINAL BOARD MOUNTED 42" A.F.F. OR 2" ABOVE BACK SPLASH IF LOCATED ABOVE COUNTER. PROVIDE PASS AND FURNISH AND INSTALL TWO BUTTON ON/OFF 3-WAY SWITCH MTD 42" AFF: SENSORSWITCH #SPODM OR SEYMOUR #TR5362US OR APPROVED EQUAL. APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED CONDUIT STUB INTO ACCESSIBLE CEILING SPACE TERMINATE W/ INSULATING BUSHING FOR CONTROL OF FIXTURES. 120V-20A SPECIFICATION GRADE FLUSH IN FLOOR DUPLEX RECEPTACLE MOUNTED IN SHALLOW CAST CONDUIT CONCEALED ABOVE CEILING OR IN WALL IRON FLUSH MOUNTED TWO-GANG FLOOR BOX (WALKER OMNIBUS SERIES FLUSH FLOOR BOX WITH FURNISH AND INSTALL TWO BUTTON ON/OFF 4-WAY SWITCH MTD 42" AFF: SENSORSWITCH #SPODM OR BRASS COVER PLATE OR EQUAL) APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. PROVIDE WITH POWER PACK AS REQUIRED CONDUIT CONCEALED IN OR BELOW FINISHED FLOOR. FOR CONTROL OF FIXTURES. WIREMOLD #RFBA4 SERIES FLUSH FLOOR BOX WITH TWO (2) 20A GROUNDED DUPLEX CONDUIT EXPOSED ON CEILING, WALL OR BAR JOIST - ROUTED IN NEAT MANNER FURNISH AND INSTALL WALL SWITCH SINGLE BUTTON DUAL TECHNOLOGY OCCUPANCY SENSOR WITH RECEPTACLES AND TWO (2) DATA JACKS. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO FLEXIBLE CONDUIT - ROUTED IN NEAT MANNER WITHIN CHASE OF CASEWORK. MANUAL ON OPERATION MTD 42" AFF: SENSORSWITCH #WSX-PDT OR APPROVED EQUAL BY COOPER NEAREST IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND OR HUBBELL CONTROLS. LEAVE 10' SLACK LENGTH. STUB 1|" CONDUITS FROM THE LOW VOLTAGE SECTION OF THE OF THE BOX TO THE ACCESSIBLE CEILING SPACE. PROVIDE SCRUB-RESISTANT COVER AND PULL BOX, VERIFY EXACT SIZE IN FIELD. WALL MOUNTED 0-10V DIMMER SWITCH MTD 42" AFF: SENSORSWITCH, COOPER OR HUBBELL COORDINATE FINISH WITH ARCHITECT. CONTROLS. VERIFY SUITABILITY OF DIMMER WITH FIXTURE MANUFACTURER PRIOR TO ORDERING. SPLICE BOX, VERIFY EXACT SIZE IN FIELD. 120V-20A SPECIFICATION GRADE GROUNDED DUPLEX RECEPTACLE WITH G.F.I. PROTECTION NEW FURNITURE SYSTEM OVERHEAD FEED POLE (FBO) WIRED AND INSTALLED BY E.C. -FURNISH AND INSTALL CEILING MOUNTED DUAL TECHNOLOGY OCCUPANCY SENSOR WITH POWER (HUBBELL #GF20 OR EQUAL) - MOUNTED IN WIREMOLD #525 SERIES ABOVE FLOOR BOX. PROVIDE TELEPHONE/COMMUNICATIONS/POWER - CONNECT COMPLETE AS REQUIRED. #800 SERIES FLOOR BOX AND CONVERSION KIT TO MOUNT TO BOX. PACK. MANUFACTURERS: SENSORSWITCH #CM-PDT-10-MP-20 (WITH MICROPHONICS) OR APPROVED EQUAL BY COOPER OR HUBBELL CONTROLS. SENSOR SHALL BE PROGRAMMED FOR MANUAL ON UNLESS OTHERWISE NOTED. CONDUIT STUB UP OUT OF FLOOR TEACHER PANEL WITH TWO (2) DUPLEX RECEPTACLES AND SEPARATE BACK BOX WITH LOW VOLTAGE JACKS AND COVER PLATE. SEE SPECIFICATIONS AND TEACHER STATION AND PROJECTOR DETAIL FOR ADDITIONAL INFORMATION. DOOR OPERATOR PUSH BUTTON FURNISHED BY OTHERS, WIRED AND INSTALLED BY CONTRACTOR. PROVIDE TWO (2) GANG BACK-BOX MOUNTED AT 42" A.F.F. WITH 3/4"C. ROUTED DOOR OPERATOR. FIRE ALARM FLUSH IN WALL "TV" PANEL CONSISTING WITH ONE (1) DUPLEX RECEPTACLE MOUNTED IN A BACK BOX. PROVIDE SEPARATE 2-GANG BACK BOX WITH DATA JACK AND CABLING BACK TO IDF/MDF AS INDICATED IN THE DATA JACK SYMBOL. STUB 1" CONDUIT TO ACCESSIBLE CEILING SPACE WITH SWING DOOR OPERATOR FURNISHED AND INSTALLED BY OTHERS, WIRED BY CONTRACTOR. INSULATED BUSHING. MOUNT DEVICE AT 7'-0" A.F.F. AND COORDINATE MOUNTING HEIGHT WITH THE COORDINATE ELECTRICAL LOCATION WITH DOOR HARDWARE SUPPLIER. ARCHITECTURAL ELEVATIONS. FIRE ALARM DEVICES, MOUNTING HEIGHT, ETC. SHALL COMPLY WITH 'ADA' WALL MOUNTED PROJECTOR LOCATION WITH ONE (1) DUPLEX RECEPTACLE AND SEPARATE HAND DRYER CONNECTION. REFER TO ARCHITECTURAL DRAWINGS FOR EXACT MOUNTING BACK BOX WITH LOW VOLTAGE JACKS AND COVERPLATE. SUPPORT BOXES FROM STRUCTURE LOCATION. INSTALL IN FULL ACCORDANCE WITH ADA REQUIREMENTS. AD MOTORIZED DAMPER - E.C. TO INTERLOCK COMPLETE AS REQUIRED. WITH UNISTRUT AS REQUIRED. SEE SPECIFICATIONS AND TEACHER STATION AND PROJECTOR DETAIL FOR ADDITIONAL INFORMATION. PALM BUTTON, MECHANICALLY HELD W/INTEGRAL KEYED RELEASE FIRE ALARM CONTROL PANEL CEILING MOUNTED PROJECTOR LOCATION WITH ONE (1) DUPLEX RECEPTACLE AND SEPARATE --WM--- WIRE MOLD SURFACE RACEWAY COMPLETE WITH ALL ACCESSORIES FIRE ALARM ANNUNCIATOR PANEL BACK BOX WITH LOW VOLTAGE JACKS AND COVERPLATE. SUPPORT BOXES FROM STRUCTURE WITH UNISTRUT AS REQUIRED. SEE SPECIFICATIONS AND TEACHER STATION AND PROJECTOR WIREMOLD #V4000 RACEWAY VERTICAL RISER. SEE DETAIL DETAILS FOR ADDITIONAL INFORMATION. KNOX BOX - PER THE LOCAL FIRE DISTRICT STANDARDS, AT THE LOCATION INDICATED. PROVIDE BOTH POWER AND SMOKE EVACUATION KEY CONTROLS. VERIFY ELEVATION OF ALL DEVICES INDICATED WITH SHADED BOX BASE TO BE SURFACE MOUNTED TO THE EXISTING WALL DEVICE WITH THE LOCAL FIRE DISTRICT PRIOR TO INSTALLING SAME. WHERE REQUIRED. REEL CORD WITH 45' CORD AND 20A DUPLEX GFCI RECEPTACLE, HUBBELL #HBL45123GF20 OR ON WIREMOLD #V2000 OR EQUAL IF SINGLE SERVICE, OR WIREMOLD #4000 IF DUAL SERVICES FURNISH AND INSTALL A FLASHING ANNUNCIATOR, TIED TO THE FIRE ALARM SYSTEM, TO EQUAL, COMPLETE WITH BALL STOP, AND ALL OTHER APPURTENANCES NECESSARY FOR A COMPLETE AND PROPER INSTALLATION. MOUNT REEL CORD TO THE STRUCTURE ABOVE OR TO IDENTIFY LOCATION OF THE KNOX BOX. AUTOMATIC FLUSH SENSOR-HARD WIRED. PROVIDE 120V BRANCH CIRCUIT TO LOW VOLTAGE THE CEILING GRID (WHERE CEILINGS EXIST). VERIFY CONDITIONS, REQUIREMENTS AND TRANSFOMER. COORDINATE FINAL LOCATION ON FIELD. LOCATIONS IN FIELD PRIOR TO ROUGH-IN. AUTOMATIC DIALER FOR FIRE, ELEVATOR, AND/OR SECURITY SYSTEM. EXTEND (2) TELEPHONE LINES TO EACH DIALER FROM T.T.B. PROVIDE LOW VOLTAGE FURNITURE FEED. PROVIDE 2 GANG BACK BOX WITH 2" CONDUIT TO COMMUNICATIONS THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. EXTEND 2" FLEXIBLE CONDUIT TO HE FURNITURE. COORDINATE REQUIREMENTS WITH FURNITURE SUPPLIER. FIRE ALARM PULL STATION MTD 42"AFF. FIRE ALARM AUDIO/VISUAL DEVICE MTD. 80" A.F. OR 6" BELOW FINISHED CEILING WHICHEVER IS TELEPHONE OUTLET - WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH ELECTRICAL POWER FURNITURE FEED. PROVIDE 2 GANG BACK BOX AND EXTEND 1" FLEXIBLE LOWER. - 110 CANDELA INSULATED BUSHING - MOUNTED 18" A.F.F. WHEN MOUNTED ADJACENT TO AN ELECTRICAL CONDUIT TO THE FURNITURE. COORDINATE REQUIREMENTS WITH THE FURNITURE SUPPLIER. RECEPTACLE OR AS NOTED. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST IDF FIRE ALARM STROBE ONLY MTD 80" AFF. - 15 CANDELA OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' SLACK LENGTH. FIRE ALARM STROBE ONLY MTD 80" AFF. - 75 CANDELA DUPLEX DATA OUTLET - WITH 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH FIRE ALARM STROBE ONLY MTD 80" AFF. - 110 CANDELA INSULATED BUSHING - MOUNTED 18" A.F.F. WHEN MOUNTED ADJACENT TO AN ELECTRICAL SHEET SYMBOLS RECEPTACLE OR AS NOTED. PROVIDE (2) CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST FIRE ALARM STROBE ONLY MTD 80" AFF. IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND LEAVE 10' CEILING MOUNTED FIRE ALARM AUDIO/VISUAL DEVICE MTD. 80" A.F. OR 6" BELOW FINISHED CEILING WHICHEVER IS LOWER. - 110 CANDELA HEXAGON TAG REFERENCE TO EQUIPMENT CONNECTION SCHEDULE DUPLEX DATA OUTLET FOR WIRELESS ACCESS POINTS - LOCATED ABOVE ACCESSIBLE CEILING WT SPACE AND 6" ABOVE THE GRID OR TIGHT TO THE ROOF DECK WHERE NO CEILINGS EXIST. CEILING MOUNTED FIRE ALARM STROBE ONLY MTD 80" AFF. - 15 CANDELA ELLIPSE TAG REFERENCE TO SHEET NOTES PROVIDE 3/4" CONDUIT STUBBED INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO NEAREST MDF OR IDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 CAT-6 JACK, TEST AND LEAVE 10' SLACK LENGTH. TWO DEVICE MOUNTED UNDER COMMON COVER. WHERE LOW VOLTAGE DEVICES ARE CEILING MOUNTED FIRE ALARM STROBE ONLY MTD 80" AFF. - 75 CANDELA MOUNTED UNDER COMMON COVER, COMBINE CONDUIT STUBS MAINTAINING THE EQUIVALENT FREE AREA FOR THE LOW VOLTAGE CABLING. DUPLEX DATA OUTLET MOUNTED IN WIREMOLD #525 SERIES ABOVE FLOOR BOX. PROVIDE FIRE ALARM SYSTEM SMOKE DETECTOR - CEILING MOUNTED - ABOVE FACP FLOOR BOX AND ADAPTER TO MOUNT TO BOX. ROUTE 3/4" CONDUIT INTO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. PROVIDE CAT-6 PLENUM CABLE, FROM EACH JACK, TO REMOVE EXISTING DEVICE AND PROVIDE NEW AS INDICATED IN EXISTING BACK BOX, JUNCTION FIRE ALARM SYSTEM DUCT TYPE SMOKE DETECTOR WIRED TO CONTROL LOCAL FAN SHUT NEAREST IDF OR MDF LOCATION INDICATED ON PLANS. TERMINATE WITH RJ-45 JACK. TEST AND BOX, ETC. VERIFY EXACT LOCATION AND CONDITIONS IN FIELD. MODIFY EXISTING BACK BOX, DOWN RELAY - DUCT DETECTOR TO BE MOUNTED IN AIR DUCT SYSTEM AND WIRED PER JUNCTION BOX, ETC. PROVIDE TRIM PLATES, EXTENSION RINGS, ETC. AS REQUIRED TO MOUNT MANUFACTURER'S RECOMMENDATIONS AND NFPA 72 NEW DEVICE AS INDICATED. CEILING SPEAKERS - WITH AIR PLENUM BACK BOX AND 3/4" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. MOUNT IN SURFACE BOX WHERE NO CEILINGS EXIST. REFER FIRE ALARM CONTROL RELAY IN AIR HANDLING UNIT CONTROL PANEL WIRED TO SHUT DOWN TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. FANS UPON FIRE ALARM SYSTEM ACTIVATION - NOTE: FANS TO AUTOMATICALLY RESTART F&I NEW DEVICE AS INDICATED. UPON FIRE ALARM SYSTEM RESET. ALSO, RELAYS SHALL BE INTERFACED TO FIRE DOORS TO DISENGAGE UPON ACTIVATION OF THE FIRE ALARM SYSTEM. WALL MOUNTED SPEAKERS - PROVIDE BACK BOX WITH 3/4" CONDUIT TO ACCESSIBLE CEILING EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO REMAIN. SPACE WITH INSULATED BUSHING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. FIRE PROTECTION SPRINKLER FLOW SWITCH FIRE PROTECTION SPRINKLER TAMPER SWITCH INTERCOM PRIVACY CALL-IN SWITCH - MOUNTED 42" A.F.F. PROVIDE 2-GANG BACK BOX WITH EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICE, ETC. TO BE REMOVED COMPLETE SINGLE GANG MUD RING WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE WITH IN ITS ENTIRETY. REMOVE ALL ASSOCIATED SURFACE MOUNTED CONDUIT, OUTLETS, ETC. AND FIRE PROTECTION SPRINKLER ALARM BELL - INSTALLED AND WIRED BLANK-OFF FLUSH WITH NEW OR EXISTING CONSTRUCTION. SEE GENERAL NOTES AND INSULATED BUSHING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION. SPECIFICATIONS FOR ADDITIONAL INFORMATION. ELECTROMAGNETIC WALL MOUNTED DOOR HOLDER OR WIRE HARDWARE INSTALLED DOOR CLOSER COMPLETE AS REQUIRED. CONTRACTOR SHALL COORDINATE EXACT LOCATION AND EXTERIOR INTERCOM CALL BUTTON AND SPEAKER MOUNTED UNDER A COMMON STAINLESS MOUNTING STYLE WITH DOOR SCHEDULE PRIOR TO ROUGHING IN FOR SAME. STEEL COVER PLATE. INTERFACE TO THE BUILDING INTERCOM SYSTEM AND REFER TO THE REMOVE EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES, ETC. AND RELOCATE SPECIFICATIONS FOR ADDITIONAL INFORMATION. MOUNT INTERCOM AT 42" A.F.F. AND ROUTE TO NEW LOCATION COMPLETE AS REQUIRED. STORE EQUIPMENT THOUGH DEMOLITION 3/4"C. TO THE ACCESSIBLE CEILING SPACE. PHASE TO BE REINSTALLED DURRING RENOVATION. **SECURITY** VOLUME CONTROL - MOUNTED 42" A.F.F. PROVIDE 2-GANG BACK BOX WITH SINGLE NEW LOCATION FOR EXISTING LIGHTS, RECEPTACLES, SPECIAL SYSTEMS, DEVICES,

CARD ACCESS CONTROLLER - PROVIDE BACK BOX MOUNTED 42" A.F.F. WITH 3/4"C. ROUTED TO THE

ELECTRIC DOOR STRIKE - STUB 3/4" CONDUIT FROM THE ACCESSIBLE CEILING SPACE TO THE DOOR

SECURITY SYSTEM DOOR CONTACT - ROUGH-IN ONLY - ROUTE ["C FROM THE ACCESSIBLE CEILING

ACCESSIBLE CEILING SPACE. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

MULLION FOR WIRING. INTERFACE WIRING FROM THE DOOR STRIKE TO THE DOOR ACCESS

SECURITY MOTION SENSOR, EXTEND 3/4"C. TO ACCESSIBLE CEILING. VERIFY JUNCTION BOX

MOUNTING HEIGHT WITH OWNER'S SECURITY VENDOR PRIOR TO ROUGH-IN, COMPLETE AS

SYSTEM FOR A COMPLETE AND PROPERLY OPERATING SYSTEM.

SECURITY SYSTEM KEY PAD - ROUGH-IN ONLY - PROVIDE 2-GANG BACK BOX MOUNTED AT 54" A.F.F. WITH 1"C. ROUTED TO THE ACCESSIBLE CEILING SPACE.

SPACE AND STUB INTO THE DOOR MULLION.

GANG MUD RING WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE WITH

THE ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. SEE SPECIFICATIONS FOR

3/4" CONDUIT TO ACCESSIBLE CEILING SPACE WITH INSULATED BUSHING. REFER TO

BOX AT 42" A.F.F. WITH 3/4" CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.

ADDITIONAL INFORMATION.

SPECIFICATIONS FOR ADDITIONAL INFORMATION.

E CONDUIT ROUTED TO THE ACCESSIBLE CEILING SPACE.

WALL MOUNTED DIGITAL CLOCK/SPEAKER UNIT. PROVIDE BACK BOX WITH ¾" CONDUIT ROUTED TO

WALL MOUNTED DIGITAL CLOCK UNIT MOUNTED 7'-0" A.F.F. (OR AS OTHERWISE NOTED). PROVIDE

4" CLOCK WHERE INDICATED WITH A '4" IS ADJACENT TO THE DEVICE. PROVIDE BACK BOX WITH

AIPHONE EXTERIOR DOOR INTERCOM SYSTEM, MOUNTED 48" A.F.F. PROVIDE BACK BOX WITH 3/4"

AIPHONE INTERIOR DOOR INTERCOM SYSTEM, MOUNTED ON OWNER'S DESK. PROVIDE BACK

AIPHONE DOOR INTERCOM POWER SUPPLY. CONNECT TO NEAREST LOCAL RECEPTACLE.

INSULATED BUSHING. REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION.

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DESIGN

PROJECT:

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ETC TO BE REINSTALLED. EXTEND CONDUIT, WIRE, AND/OR CABLE AS REQUIRED TO NEW

LOCATION FOR A COMPLETE AND PROPER INSTALLATION.

REVISIONS MARK DATE ISSUED FOR

|AD-3|09/10/24 |ADDENDUM 3

DRAWING ELECTRICAL NOTES, SYMBOLS & ABBREVIATIONS

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

E-001

**GENERAL NOTES SHEET NOTES** REPLACE EXISTING FIXTURE HEAD WITH NEW. REFER TO FIXTURE SCHEDULE FOR NEW FIXTURE HEAD. POLE TO REMAIN. EX. STREET = POLE LIGHT TO REMAIN. EX. STREET -POLE LIGHT TO REMAIN. EX. LED SPOT LIGHT MOUNTED AT TOP OF POLE TO REMAIN EX. POLE LIGHT — EX. SCHOOL LOGO -EXISTING "ED" AREA LIGHTING TO BE DEMOLISHED. REFER TO ARCHITECTURAL FOR PATCH & PAINT TO MATCH EXISTING ED ED EX ED EX ED EX mmmy EX. POLE LIGHT ----EX. FLAG POLE — ∫ ED EX EX. POLE LIGHT EX. LED SPOT LIGHT
ILLUMINATING FLAG
POLE TO REMAIN EXISTING "EF" AREA LIGHTING TO BE REPLACED. REFER TO LIGHTING FIXTURE SCHEDULE. TYPICAL EX. FLOOD LIGHT TO REMAIN TYPICAL EX.
WALKWAY POST
LIGHT TO BE
REPLACED WITH
NEW POST TOP
FIXTURE AND
POLE. 

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PROJECT: LOGANSPORT

JUNIOR HIGH SCHOOL

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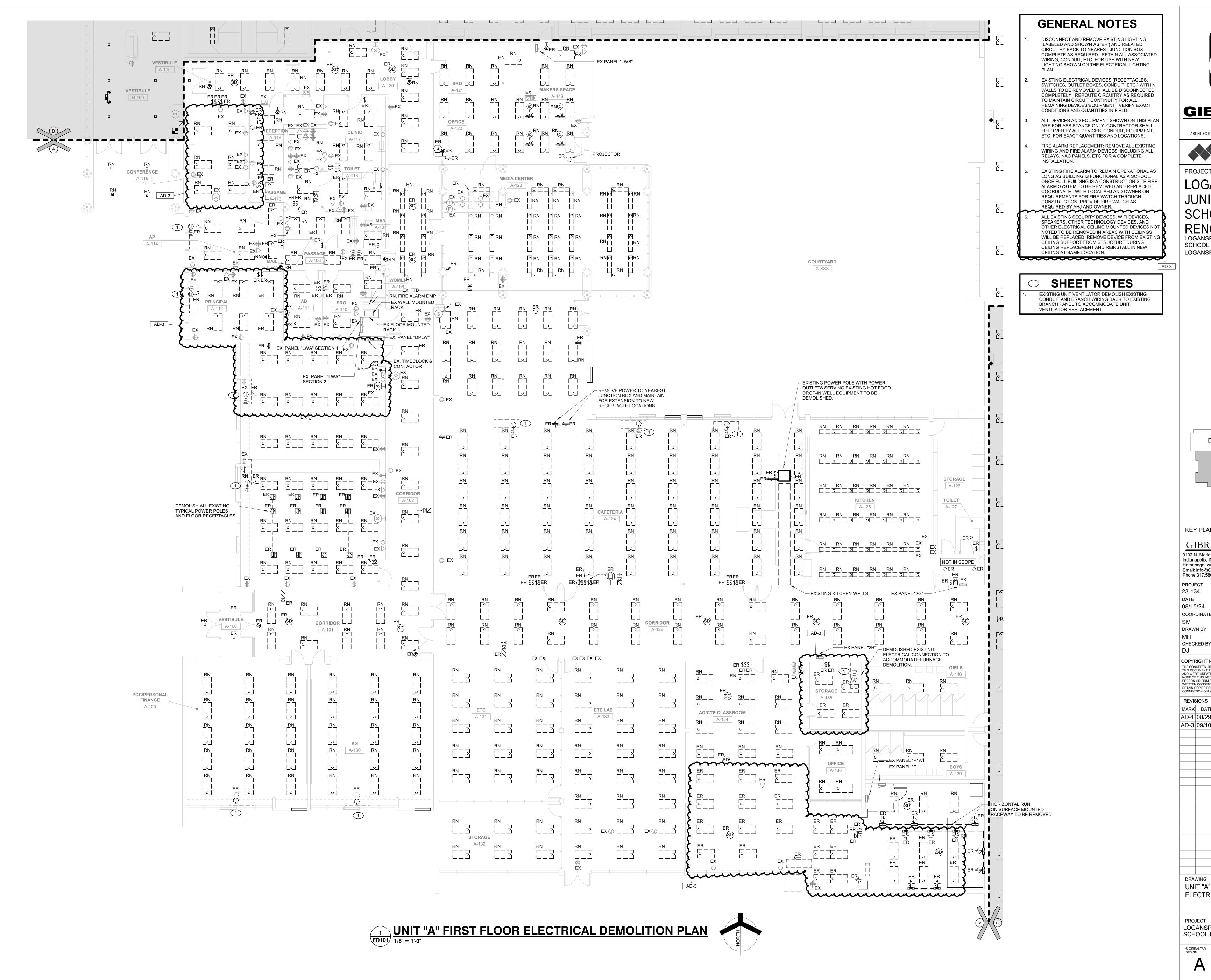
REVISIONS

MARK DATE ISSUED FOR AD-1 08/29/24 ADDENDUM 1 AD-3 09/10/24 ADDENDUM 3

DRAWING ELECTRICAL SITE PLAN

PROJECT
LOGANSPORT JUNIOR HIGH
SCHOOL RENOVATIONS

E-101



**GIBRALTAR** 

DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN



PROJECT: LOGANSPORT

JUNIOR HIGH SCHOOL

**RENOVATIONS** LOGANSPORT COMMUNITY SCHOOL CORPORATION LOGANSPORT, INDIANA

KEY PLAN

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

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS



CLASSROOM B-105

ERER \$\$\$ER

ER SSS

B-103

MAINTENANCE

ELEVATOR B-3

B-100



**GIBRALTAR** 

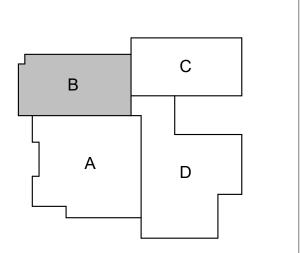
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(219) 924-8400

PROJECT: LOGANSPORT

JUNIOR HIGH SCHOOL

RENOVATIONS SCHOOL CORPORATION LOGANSPORT, INDIANA



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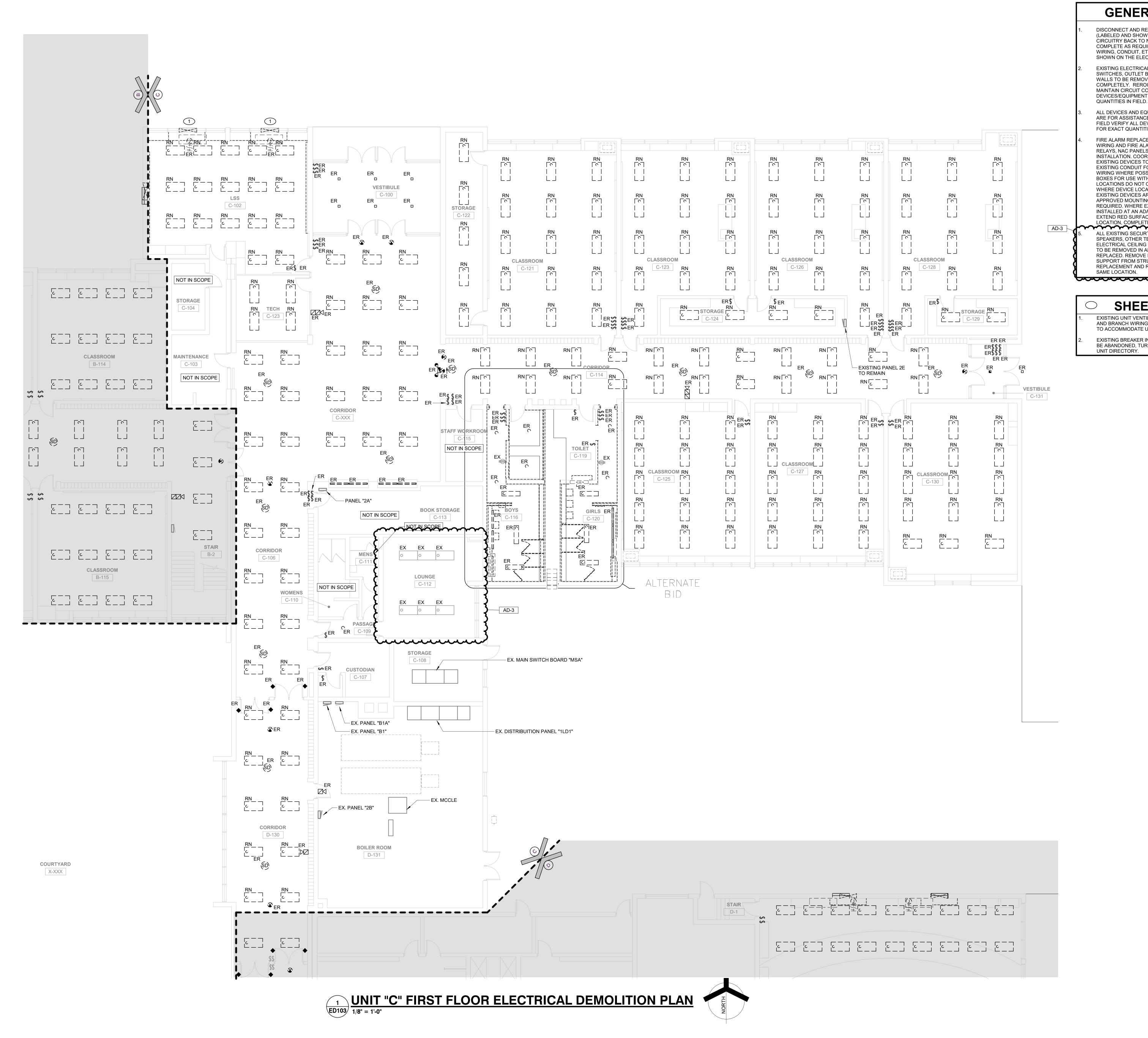
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DRAWING UNIT "B" FIRST FLOOR ELECTRICAL DEMOLITION PLAN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

B



- DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING SHOWN ON THE ELECTRICAL LIGHTING PLAN.
- EXISTING ELECTRICAL DEVICES (RECEPTACLES, SWITCHES, OUTLET BOXES, CONDUIT, ETC.) WITHIN WALLS TO BE REMOVED SHALL BE DISCONNECTED COMPLETELY. REROUTE CIRCUITRY AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL REMAINING DEVICES/EQUIPMENT. VERIFY EXACT CONDITIONS AND
- ALL DEVICES AND EQUIPMENT SHOWN ON THIS PLAN ARE FOR ASSISTANCE ONLY. CONTRACTOR SHALL FIELD VERIFY ALL DEVICES, CONDUIT, EQUIPMENT, ETC. FOR EXACT QUANTITIES AND LOCATIONS.
- FIRE ALARM REPLACEMENT: REMOVE ALL EXISTING WIRING AND FIRE ALARM DEVICES, INCLUDING ALL RELAYS, NAC PANELS, ETC FOR A COMPLETE INSTALLATION. COORDINATE NEW LOCATIONS WITH EXISTING DEVICES TO BE REMOVED AND RETAIN EXISTING CONDUIT FOR USE WITH NEW DEVICES AND WIRING WHERE POSSIBLE. LEAVE EXISTING BACK BOXES FOR USE WITH NEW DEVICES WHERE DEVICE LOCATIONS DO NOT CHANGE AND EXISTING DEVICES WHERE DEVICE LOCATIONS DO NOT CHANGE AND EXISTING DEVICES ARE INSTALLED AT AN ADA APPROVED MOUNTING HEIGHT. COMPLETE AS REQUIRED. WHERE EXISTING DEVICES ARE NOT INSTALLED AT AN ADA APPROVED MOUNTING HEIGHT, EXTEND RED SURFACE RACEWAY TO NEW DEVICE LOCATION, COMPLETE AS REQUIRED.
- ALL EXISTING SECURTIY DEVICES, WIFI DEVICES, SPEAKERS, OTHER TECHNOLOGY DEVICES, AND OTHER ELECTRICAL CEILING MOUNTED DEVICES NOT NOTED TO BE REMOVED IN AREAS WITH CEILINGS WILL BE REPLACED. REMOVE DEVICE FROM EXISTING CEILING SUPPORT FROM STRUCTURE DURING CEILING REPLACEMENT AND REINSTALL IN NEW CEILING AT SAME LOCATION.

## **SHEET NOTES**

EXISTING UNIT VENTILATOR DEMOLISH EXISTING CONDUIT AND BRANCH WIRING BACK TO EXISTING BRANCH PANEL TO ACCOMMODATE UNIT VENTILATOR REPLACEMENT.

EXISTING BREAKER IN SOURCE PANEL SERVING UNIT TO BE ABANDONED, TURNED OFF, AND LABELED AS SPARE IN UNIT DIRECTORY.

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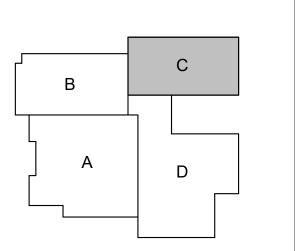
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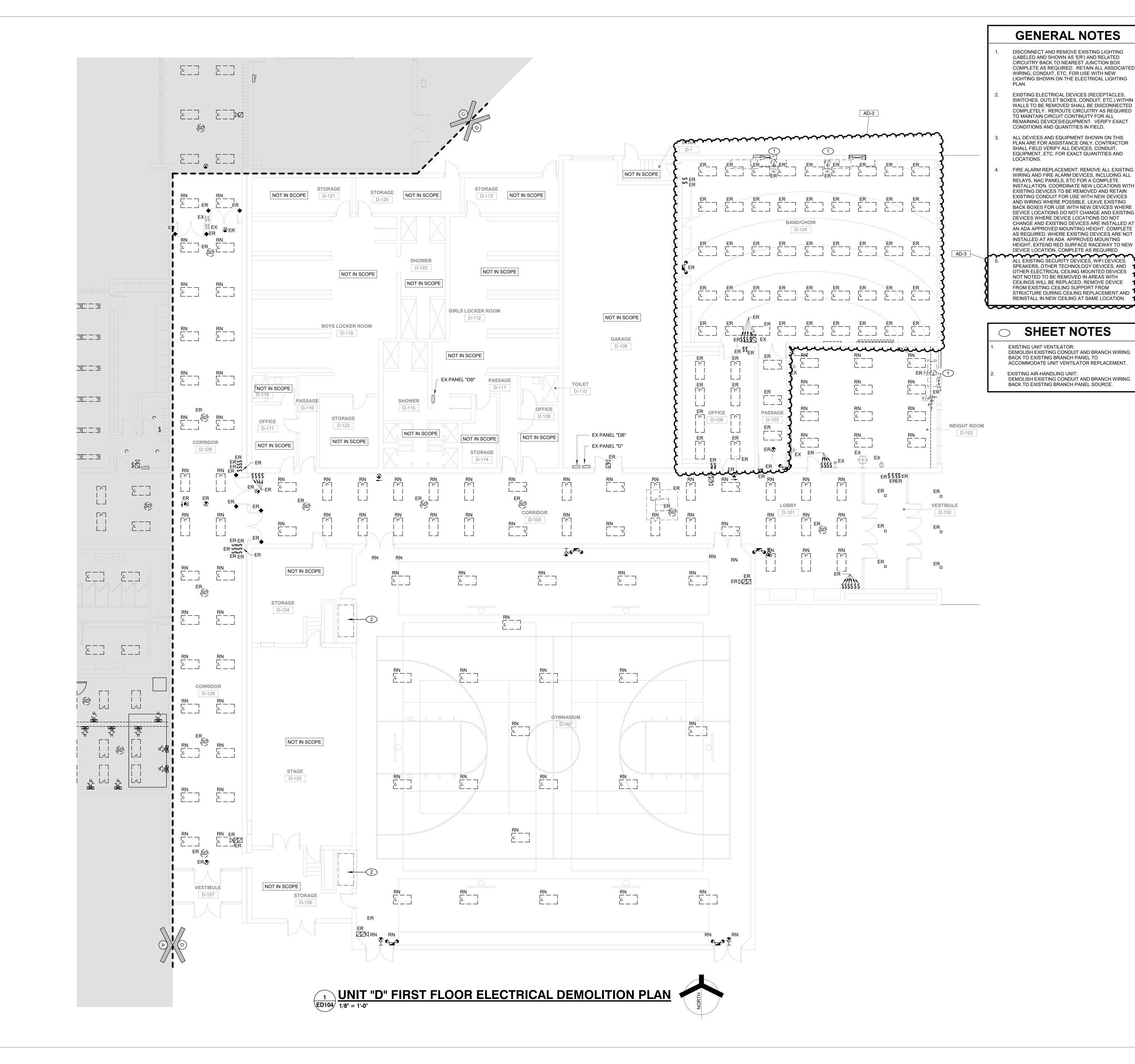
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UNIT "C" FIRST FLOOR **ELECTRICAL DEMOLITION PLAN** 

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS





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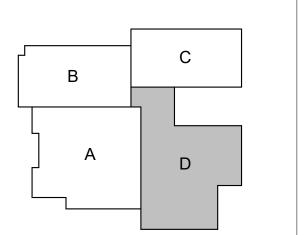
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DRAWING UNIT "D" FIRST FLOOR **ELECTRICAL DEMOLITION PLAN** 

LOGANSPORT JUNIOR HIGH **SCHOOL RENOVATIONS** 

DISCONNECT AND REMOVE EXISTING LIGHTING (LABELED AND SHOWN AS 'ER') AND RELATED CIRCUITRY BACK TO NEAREST JUNCTION BOX COMPLETE AS REQUIRED. RETAIN ALL ASSOCIATED WIRING, CONDUIT, ETC. FOR USE WITH NEW LIGHTING SHOWN ON THE ELECTRICAL LIGHTING PLAN. EXISTING ELECTRICAL DEVICES (RECEPTACLES, SWITCHES, OUTLET BOXES, CONDUIT, ETC.) WITHIN WALLS TO BE REMOVED SHALL BE DISCONNECTED COMPLETELY. REROUTE CIRCUITRY AS REQUIRED TO MAINTAIN CIRCUIT CONTINUITY FOR ALL REMAINING DEVICES/EQUIPMENT. VERIFY EXACT

ALL DEVICES AND EQUIPMENT SHOWN ON THIS PLAN ARE FOR ASSISTANCE ONLY. CONTRACTOR SHALL FEILD VERIFY ALL DEVICES, CONDUIT, EQUIPMENT, ETC. FOR EXACT QUANTITIES AND LOCATIONS.

CONDITIONS AND QUANTITIES IN FIELD.

FIRE ALARM REPLACEMENT: REMOVE ALL WXISTING WIRING AND FIRE ALARM DEVICES, INCLUDING ALL RELAYS, NAC PANELS, ETC FOR A COMPLETE INSTALLATION. COORDINATE NEW LOCATIONS WITH EXISTING DEVICES TO BE REMOVED AND RETAIN EXISTING CONDUIT FOR USE WITH NEW DEVICES AND WIRING WHERE POSSIBLE. LEAVE EXISTING BACK BOXES FOR USE WITH NEW DEVICES WHERE DEVICE LOCATIONS DO NOT CHANGE AND EXISTING DEVICES WHERE DEVICE LOCATIONS DO NOT CHANGE AND EXISTING DEVICES ARE INSTALLED AT AN ADA APPROVED MOUNTING HEIGHT. COMPLETE AS REQUIRED. WHERE EXISTING DEVICES ARE NOT INSTALLED AT AN ADA APPROVED MOUNTING HEIGHT, EXTEND RED SURFACE RACEWAY TO NEW DEVICE LOCATION, COMPLETE AS REQUIRED.

ALL EXISTING SECUIRTY DEVICES. WIFI DEVICES, SPEAKERS, OTHER TECHNOLOGY DEVICES, AND OTHER ELECTRICAL CEILING MOUNTED DEVICES NOT NOTED TO BE REMOVED IN AREAS WITH CEILINGS WILL BE REPLACED. REMOVE DEVICE FROM EXISTING CEILING SUPPORT FROM STRUCTURE DURING CEILING REPLACEMENT AND REINSTALL IN NEW CEILING AT SAME LOCATION.

STORAGE

EX. PANEL

STAIR

B-2

CLASSROOM B-216

B-215

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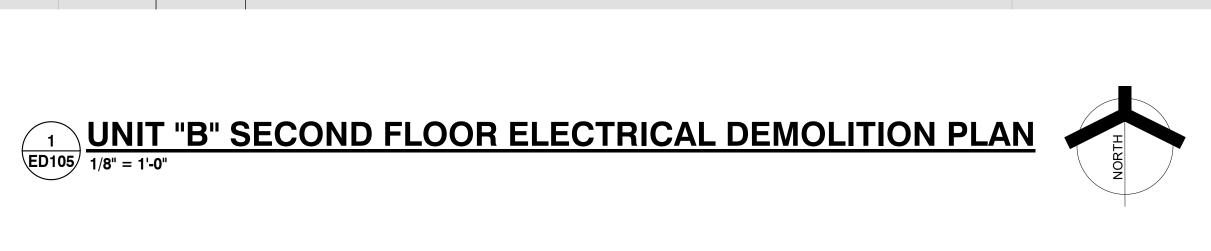
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DRAWING UNIT "B" SECOND FLOOR **ELECTRICAL DEMOLITION PLAN** 

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

В

ED105



B-210

RN [c] | |

B-218

STORAGE

B-211

B-212

B-213

**ELEVATOR EQUIP RM** B-201

**ELEVATOR** 

B-3

B-203

STORAGE B-204

CORRIDOR

B-200

NOT IN

SCOPE

SCOPE

STORAGE

B-205

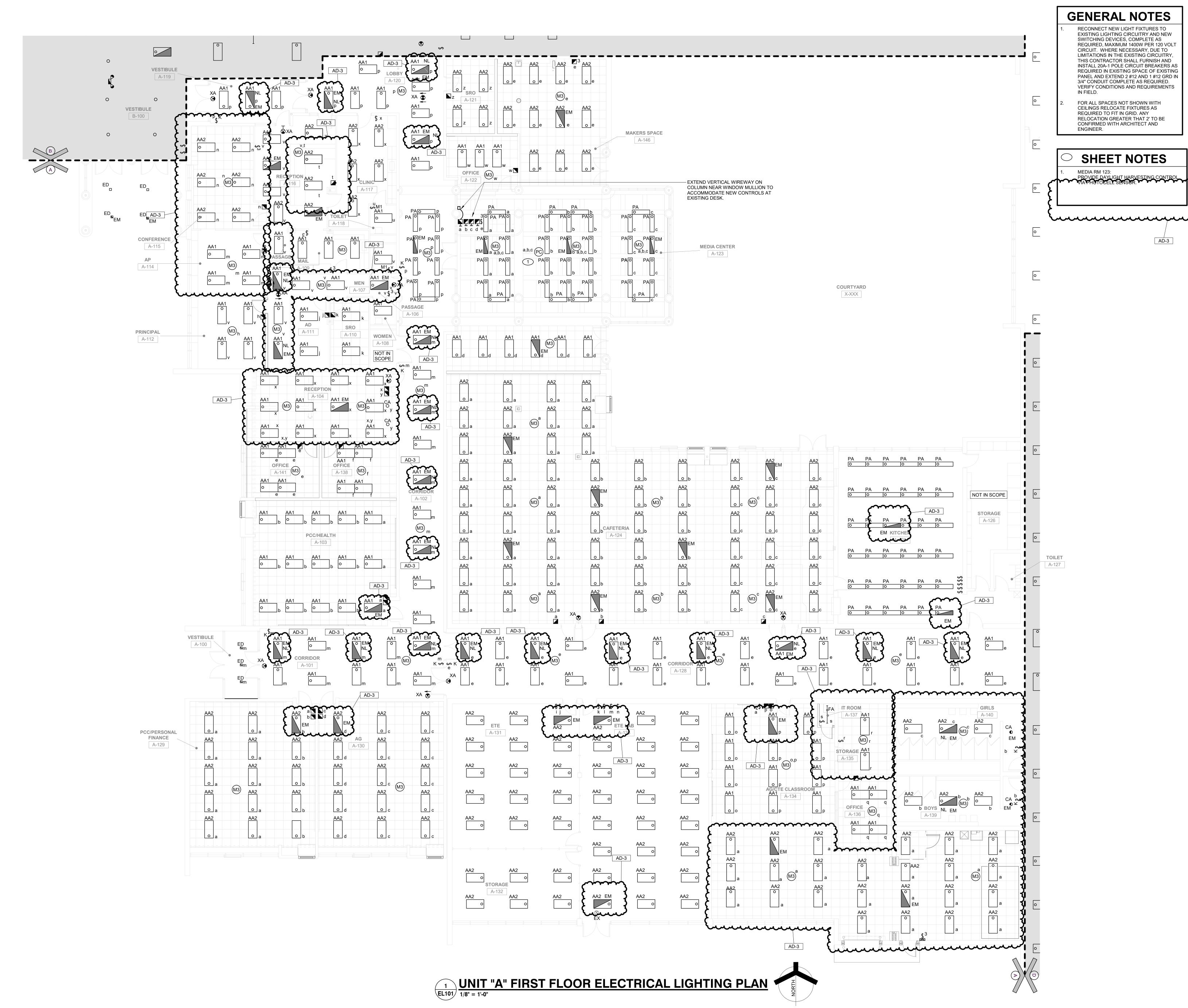
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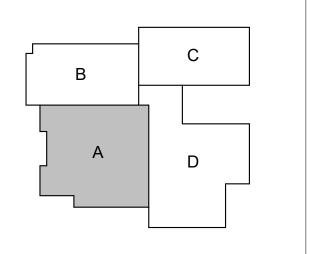
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DRAWING UNIT "A" FIRST FLOOR ELECTRICAL LIGHTING PLAN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

A

RECONNECT NEW LIGHT FIXTURES TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT AND 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

# SHEET NOTES

EXISTING (EX) HID DOWNLIGHTS TO BE RETROFITTED WITH LED LAMP - GREENCREATIVE 90HIDHB/XX/BYP/EX39/R OR APPROVED EQUAL. REMOVE EXISTING HID COMPONENTS AS REQUIRED FOR LED LAMP FUNCTION. PROVIDE LAMP EXTENDERS TO MATCH EXISTING SCREW-IN BASE TYPE. PROVIDE DAYLIGHT HARVESTING CONTROL VIA PHOTOCELL SENSOR.

EXISTING CEILING MOUNTED UNIT BATTERY TO REMAIN. REPLACE EXISTING LAMPS AND BATTERIES.



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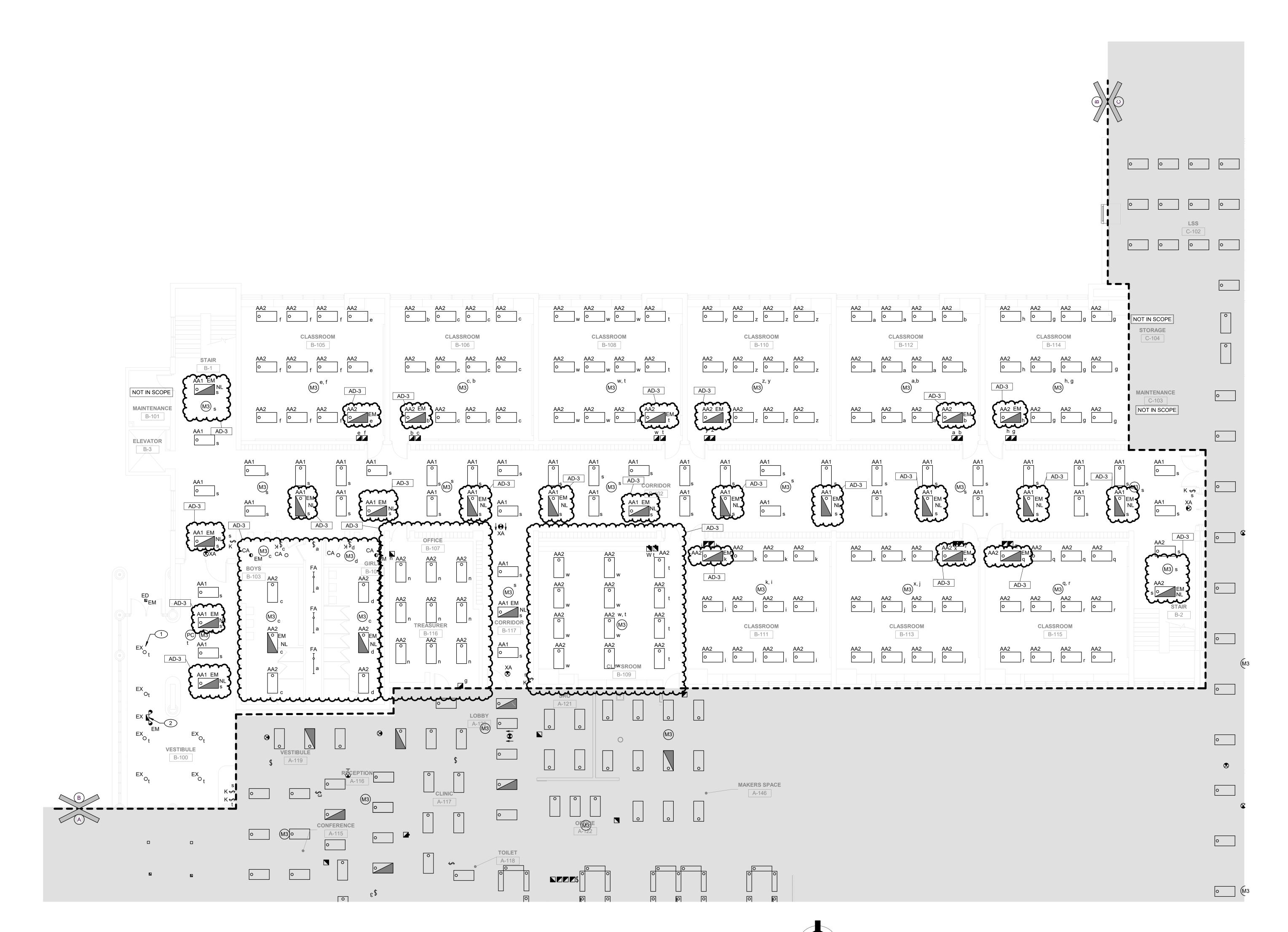
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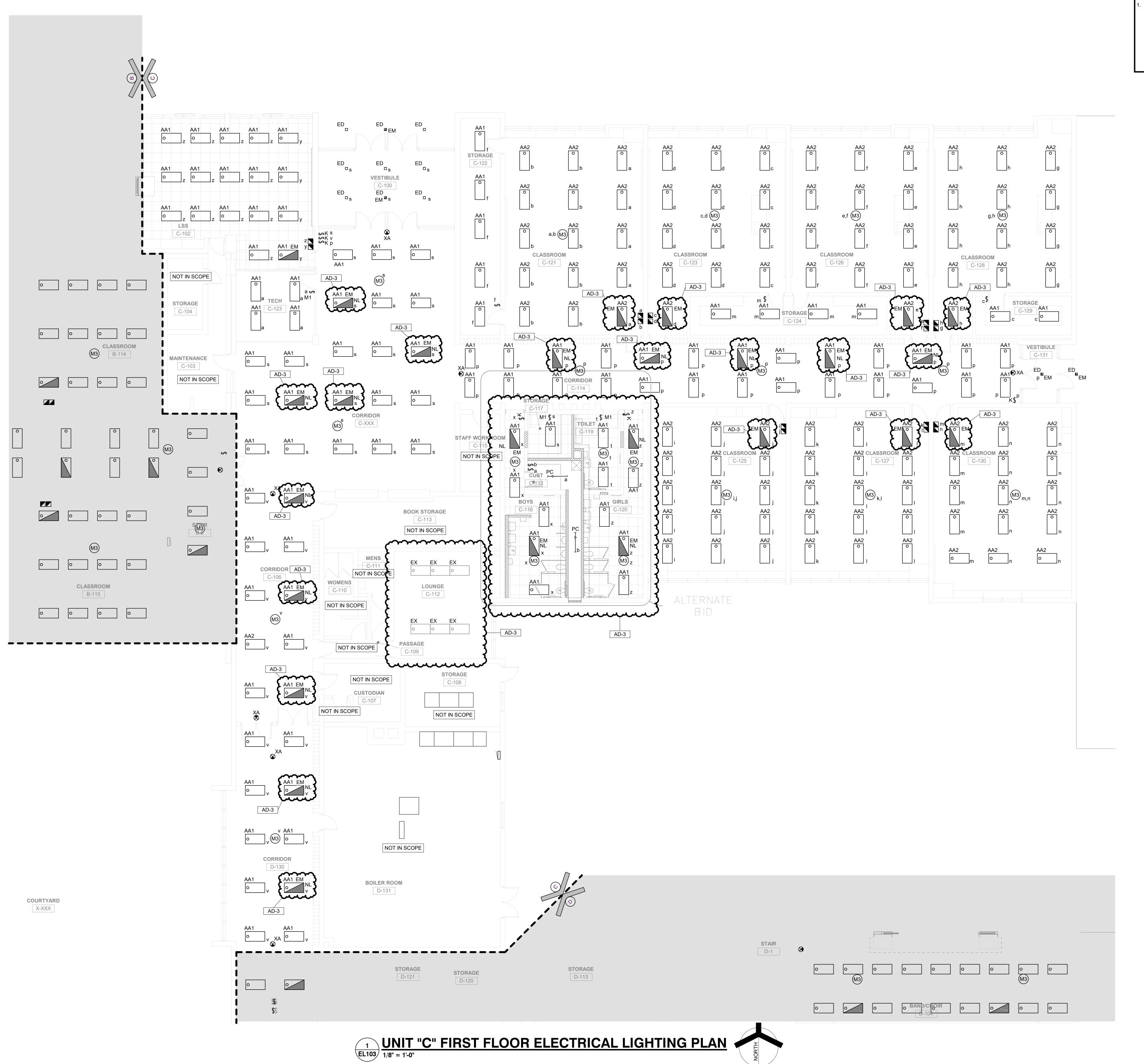
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DRAWING UNIT "B" FIRST FLOOR ELECTRICAL LIGHTING PLAN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

В





RECONNECT NEW LIGHT FIXTURES TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT AND 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.



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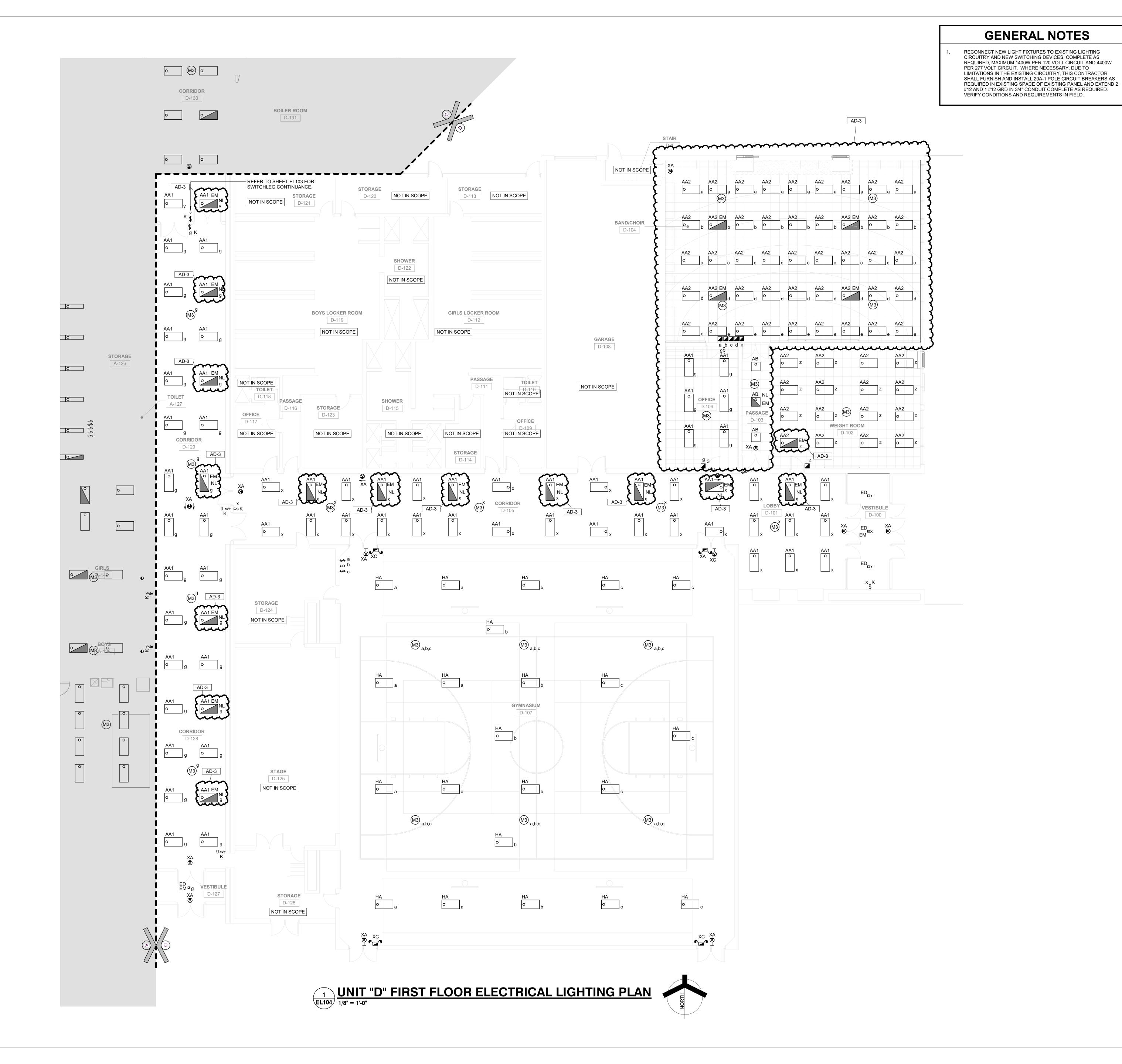
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AD-3 09/10/24 ADDENDUM 3

DRAWING
UNIT "C" FIRST FLOOR
ELECTRICAL LIGHTING PLAN

PROJECT
LOGANSPORT JUNIOR HIGH
SCHOOL RENOVATIONS

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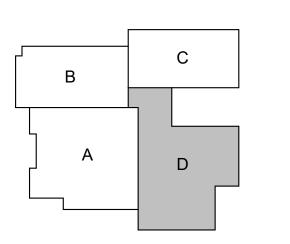
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DRAWING
UNIT "D" FIRST FLOOR
ELECTRICAL LIGHTING PLAN

PROJECT
LOGANSPORT JUNIOR HIGH
SCHOOL RENOVATIONS

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RECONNECT NEW LIGHT FIXTURES TO EXISTING LIGHTING CIRCUITRY AND NEW SWITCHING DEVICES, COMPLETE AS REQUIRED, MAXIMUM 1400W PER 120 VOLT CIRCUIT AND 4400W PER 277 VOLT CIRCUIT. WHERE NECESSARY, DUE TO LIMITATIONS IN THE EXISTING CIRCUITRY, THIS CONTRACTOR SHALL FURNISH AND INSTALL 20A-1 POLE CIRCUIT BREAKERS AS REQUIRED IN EXISTING SPACE OF EXISTING PANEL AND EXTEND 2 #12 AND 1 #12 GRD IN 3/4" CONDUIT COMPLETE AS REQUIRED. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD.

C-217

NOT IN SCOPE

| EX | PANEL

M3 o w o w

CLASSROOM

B-215

B-214

CLASSROOM

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B-212

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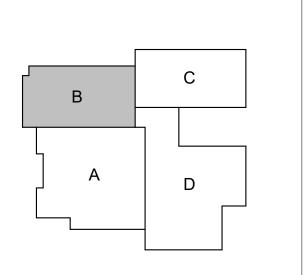
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DRAWING
UNIT "B" SECOND FLOOR
ELECTRICAL LIGHTING PLAN

PROJECT
LOGANSPORT JUNIOR HIGH
SCHOOL RENOVATIONS

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EL105



B-201

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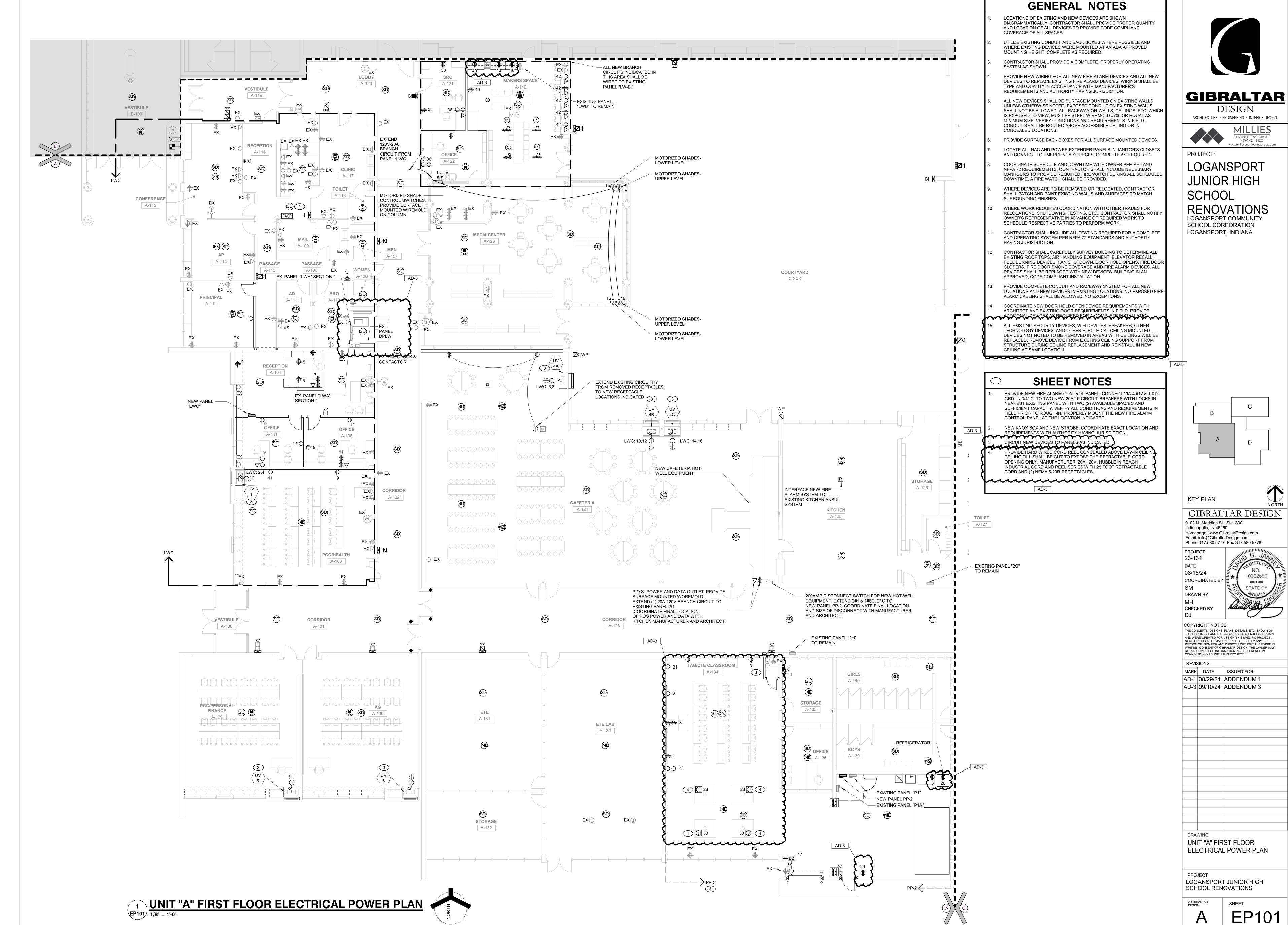
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STORAGE

B-205



- LOCATIONS OF EXISTING AND NEW DEVICES ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL PROVIDE PROPER QUANITY AND LOCATION OF ALL DEVICES TO PROVIDE CODE COMPLIANT COVERAGE OF ALL SPACES.
- CONTRACTOR SHALL PROVIDE A COMPLETE, PROPERLY OPERATING SYSTEM AS SHOWN.
- PROVIDE NEW WIRING FOR ALL NEW FIRE ALARM DEVICES AND ALL NEW DEVICES TO REPLACE EXISTING FIRE ALARM DEVICES. WIRING SHALL BE TYPE AND QUALITY IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND AUTHORITY HAVING JURISDICTION.

UTILIZE EXISTING CONDUIT AND BACK BOXES WHERE POSSIBLE AND WHERE EXISTING DEVICES WERE MOUNTED AT AN ADA APPROVED MOUNTING HEIGHT, COMPLETE AS REQUIRED.

- ALL NEW DEVICES SHALL BE SURFACE MOUNTED ON EXISTING WALLS UNLESS OTHERWISE NOTED. EXPOSED CONDUIT ON EXISTING WALLS SHALL NOT BE ALLOWED. ALL RACEWAY ON WALLS, CEILINGS, ETC, WHICH IS EXPOSED TO VIEW, MUST BE STEEL WIREMOLD #700 OR EQUAL AS MINIMUM SIZE. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD. CONDUIT SHALL BE ROUTED ABOVE ACCESSIBLE CEILING OR IN CONCEALED LOCATIONS.
- PROVIDE SURFACE BACK BOXES FOR ALL SURFACE MOUNTED DEVICES. LOCATE ALL NAC AND POWER EXTENDER PANELS IN JANITOR'S CLOSETS AND CONNECT TO EMERGENCY SOURCES, COMPLETE AS REQUIRED.

- - 8. COORDINATE SCHEDULE AND DOWNTIME WITH OWNER PER AHJ AND NFPA 72 REQUIREMENTS. CONTRACTOR SHALL INCLUDE NECESSARY MANHOURS TO PROVIDE REQUIRED FIRE WATCH DURING ALL SCHEDULED DOWNTIME, A FIRE WATCH SHALL BE PROVIDED. 9. WHERE DEVICES ARE TO BE REMOVED OR RELOCATED, CONTRACTOR SHALL PATCH AND PAINT EXISTING WALLS AND SURFACES TO MATCH SURROUNDING FINISHES.

  - 10. WHERE WORK REQUIRES COORDINATION WITH OTHER TRADES FOR RELOCATIONS, SHUTDOWNS, TESTING, ETC., CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN ADVANCE OF REQUIRED WORK TO SCHEDULE RESPECTIVE PARTIES TO PERFORM WORK. CONTRACTOR SHALL INCLUDE ALL TESTING REQUIRED FOR A COMPLETE AND OPERATING SYSTEM PER NFPA 72 STANDARDS AND AUTHORITY HAVING JURISDUCTION.
  - CONTRACTOR SHALL CAREFULLY SURVEY BUILDING TO DETERMINE ALL EXISTING ROOF TOPS, AIR HANDLING EQUIPMENT, ELEVATOR RECALL, FUEL BURNING DEVICES, FAN SHUTDOWN, DOOR HOLD OPENS, FIRE DOOR CLOSERS, FIRE DOOR SMOKE COVERAGE AND FIRE ALARM DEVICES. ALL DEVICES SHALL BE REPLACED WITH NEW DEVICES. BUILDING IN AN APPROVED, CODE COMPLIANT INSTALLATION.
  - PROVIDE COMPLETE CONDUIT AND RACEWAY SYSTEM FOR ALL NEW LOCATIONS AND NEW DEVICES IN EXISTING LOCATIONS. NO EXPOSED FIRE ALARM CABLING SHALL BE ALLOWED, NO EXCEPTIONS.
  - 15. ALL EXISTING SECURITY DEVICES, WIFI DEVICES, SPEAKERS, OTHER TECHNOLOGY DEVICES, AND OTHER ELECTRICAL CEILING MOUNTED DEVICES NOT NOTED TO BE REMOVED IN AREAS WITH CEILINGS WILL BE REPLACED. REMOVE DEVICE FROM EXISTING CEILING SUPPORT FROM

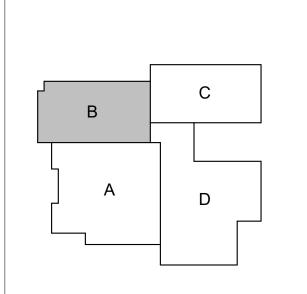


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PROJECT: LOGANSPORT

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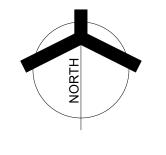
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REVISIONS MARK DATE ISSUED FOR AD-3 09/10/24 ADDENDUM 3

DRAWING UNIT "B" FIRST FLOOR ELECTRICAL POWER PLAN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

> В EP102





LOCATIONS OF EXISTING AND NEW DEVICES ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL PROVIDE PROPER QUANITY AND LOCATION OF ALL DEVICES TO PROVIDE CODE

COMPLIANT COVERAGE OF ALL SPACES. UTILIZE EXISTING CONDUIT AND BACK BOXES WHERE POSSIBLE AND

WHERE EXISTING DEVICES WERE MOUNTED AT AN ADA APPROVED MOUNTING HEIGHT, COMPLETE AS REQUIRED. CONTRACTOR SHALL PROVIDE A COMPLETE, PROPERLY OPERATING SYSTEM AS SHOWN.

PROVIDE NEW WIRING FOR ALL NEW FIRE ALARM DEVICES AND ALL NEW DEVICES TO REPLACE EXISTING FIRE ALARM DEVICES. WIRING SHALL BE TYPE AND QUALITY IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS AND AUTHORITY HAVING

ALL NEW DEVICES SHALL BE SURFACE MOUNTED ON EXISTING WALLS UNLESS OTHERWISE NOTED. EXPOSED CONDUIT ON EXISTING WALLS SHALL NOT BE ALLOWED. ALL RACEWAY ON WALLS, CEILINGS, ETC, WHICH IS EXPOSED TO VIEW, MUST BE STEEL WIREMOLD #700 OR

PROVIDE SURFACE BACK BOXES FOR ALL SURFACE MOUNTED

LOCATE ALL NAC AND POWER EXTENDER PANELS IN JANITOR'S CLOSETS AND CONNECT TO EMERGENCY SOURCES, COMPLETE AS

COORDINATE SCHEDULE AND DOWNTIME WITH OWNER PER AHJ AND NFPA 72 REQUIREMENTS. CONTRACTOR SHALL INCLUDE NECESSARY MANHOURS TO PROVIDE REQUIRED FIRE WATCH DURING ALL SCHEDULED DOWNTIME, A FIRE WATCH SHALL BE PROVIDED.

WHERE DEVICES ARE TO BE REMOVED OR RELOCATED. CONTRACTOR SHALL PATCH AND PAINT EXISTING WALLS AND SURFACES TO MATCH SURROUNDING FINISHES.

WHERE WORK REQUIRES COORDINATION WITH OTHER TRADES FOR RELOCATIONS, SHUTDOWNS, TESTING, ETC., CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN ADVANCE OF REQUIRED WORK TO SCHEDULE RESPECTIVE PARTIES TO PERFORM WORK.

CONTRACTOR SHALL INCLUDE ALL TESTING REQUIRED FOR A COMPLETE AND OPERATING SYSTEM PER NFPA 72 STANDARDS AND AUTHORITY HAVING JURISDUCTION.

CONTRACTOR SHALL CAREFULLY SURVEY BUILDING TO DETERMINE ALL EXISTING ROOF TOPS, AIR HANDLING EQUIPMENT, ELEVATOR RECALL, FUEL BURNING DEVICES, FAN SHUTDOWN, DOOR HOLD OPENS, FIRE DOOR CLOSERS, FIRE DOOR SMOKE COVERAGE AND FIRE ALARM DEVICES. ALL DEVICES SHALL BE REPLACED WITH NEW DEVICES. BUILDING IN AN APPROVED, CODE COMPLIANT INSTALLATION.

LOCATIONS AND NEW DEVICES IN EXISTING LOCATIONS. NO EXPOSED FIRE ALARM CABLING SHALL BE ALLOWED, NO EXCEPTIONS. COORDINATE NEW DOOR HOLD OPEN DEVICE REQUIREMENTS

WITH ARCHITECT AND EXISTING DOOR REQUIREMENTS IN FIELD. PROVIDE ADDITONAL DEVICES AS REQUIRED FOR A COMPLETE INSTALLATION.

ALL EXISTING SECURITY DEVICES, WIFI DEVICES, SPEAKERS, OTHER TECHNOLOGY DEVICES, AND OTHER ELECTRICAL CEILING MOUNTED DEVICES NOTNOTED TO BE REMOVED IN AREAS WITH CEILINGS WILL BE REPLACED. REMOVE DEVICE FROM EXISTING CEILING SUPPORT FROM STRUCTURE DURING CEILING REPLACEMENT AND REINSTALL IN NEW CEILING AT SAME LOCATION.

### **SHEET NOTES**

UNIT VENTILATOR "UV-7: EXTEND 2#12 & 1 #12G, 3/4"CONDUIT TO EXISTING PANEL "K". PROVIDE NEW 15A-2P CIRCUIT BREAKER.

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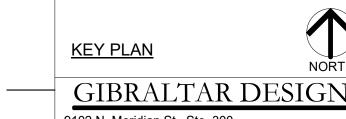
PROJECT:

LOGANSPORT JUNIOR HIGH

SCHOOL RENOVATIONS

LOGANSPORT COMMUNITY SCHOOL CORPORATION LOGANSPORT, INDIANA

KEY PLAN



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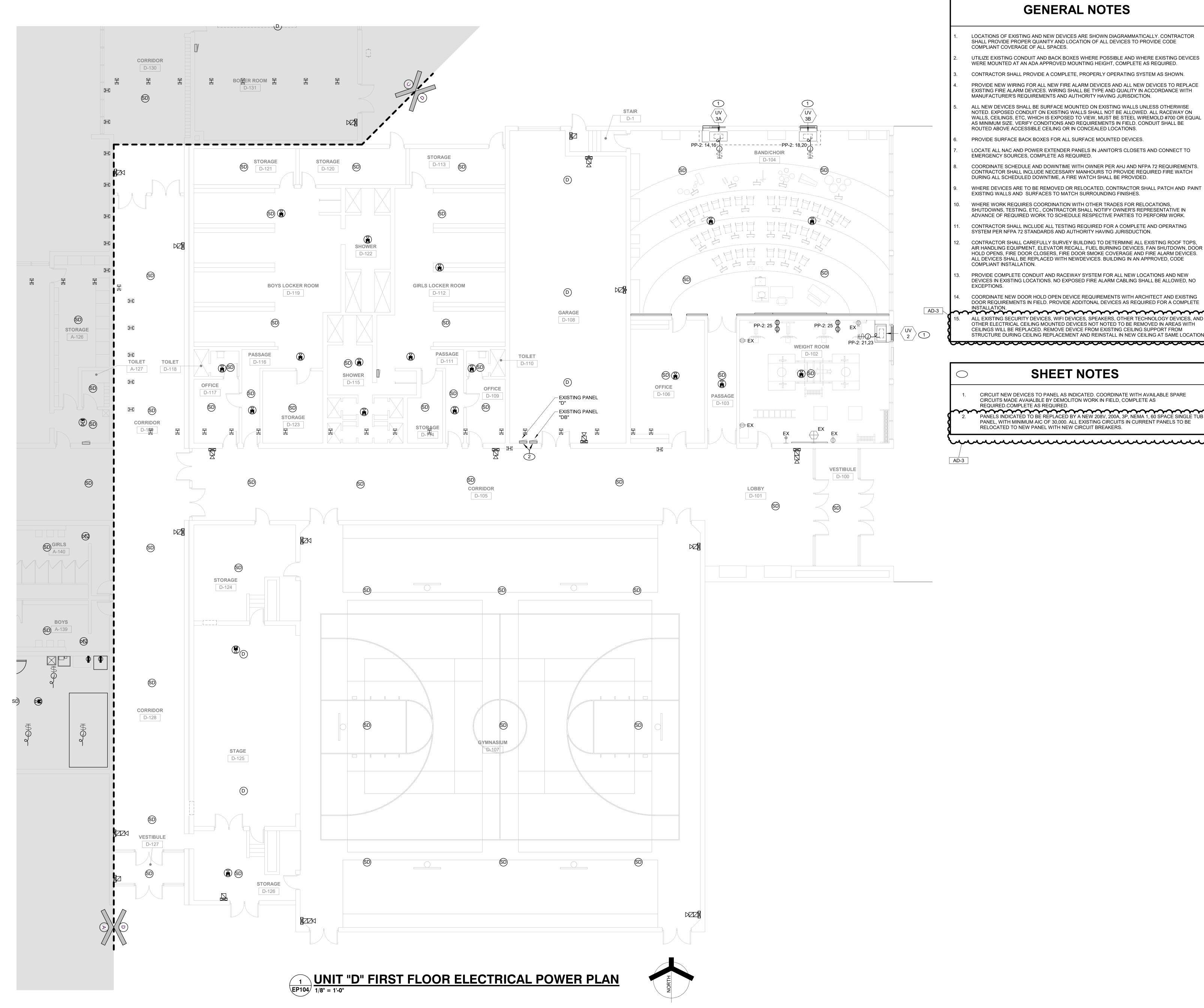
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REVISIONS

MARK DATE ISSUED FOR AD-1 08/29/24 ADDENDUM 1 AD-3 09/10/24 ADDENDUM 3

DRAWING UNIT "C" FIRST FLOOR ELECTRICAL POWER PLAN

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS



- LOCATIONS OF EXISTING AND NEW DEVICES ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL PROVIDE PROPER QUANITY AND LOCATION OF ALL DEVICES TO PROVIDE CODE
- UTILIZE EXISTING CONDUIT AND BACK BOXES WHERE POSSIBLE AND WHERE EXISTING DEVICES
- CONTRACTOR SHALL PROVIDE A COMPLETE, PROPERLY OPERATING SYSTEM AS SHOWN.
- PROVIDE NEW WIRING FOR ALL NEW FIRE ALARM DEVICES AND ALL NEW DEVICES TO REPLACE EXISTING FIRE ALARM DEVICES. WIRING SHALL BE TYPE AND QUALITY IN ACCORDANCE WITH
- ALL NEW DEVICES SHALL BE SURFACE MOUNTED ON EXISTING WALLS UNLESS OTHERWISE NOTED. EXPOSED CONDUIT ON EXISTING WALLS SHALL NOT BE ALLOWED. ALL RACEWAY ON WALLS, CEILINGS, ETC, WHICH IS EXPOSED TO VIEW, MUST BE STEEL WIREMOLD #700 OR EQUAL AS MINIMUM SIZE. VERIFY CONDITIONS AND REQUIREMENTS IN FIELD. CONDUIT SHALL BE ROUTED ABOVE ACCESSIBLE CEILING OR IN CONCEALED LOCATIONS.
- PROVIDE SURFACE BACK BOXES FOR ALL SURFACE MOUNTED DEVICES.
- LOCATE ALL NAC AND POWER EXTENDER PANELS IN JANITOR'S CLOSETS AND CONNECT TO
- COORDINATE SCHEDULE AND DOWNTIME WITH OWNER PER AHJ AND NFPA 72 REQUIREMENTS. CONTRACTOR SHALL INCLUDE NECESSARY MANHOURS TO PROVIDE REQUIRED FIRE WATCH
- WHERE DEVICES ARE TO BE REMOVED OR RELOCATED, CONTRACTOR SHALL PATCH AND PAINT EXISTING WALLS AND SURFACES TO MATCH SURROUNDING FINISHES.
- WHERE WORK REQUIRES COORDINATION WITH OTHER TRADES FOR RELOCATIONS, SHUTDOWNS, TESTING, ETC., CONTRACTOR SHALL NOTIFY OWNER'S REPRESENTATIVE IN
- CONTRACTOR SHALL INCLUDE ALL TESTING REQUIRED FOR A COMPLETE AND OPERATING SYSTEM PER NFPA 72 STANDARDS AND AUTHORITY HAVING JURISDUCTION.
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- PROVIDE COMPLETE CONDUIT AND RACEWAY SYSTEM FOR ALL NEW LOCATIONS AND NEW DEVICES IN EXISTING LOCATIONS. NO EXPOSED FIRE ALARM CABLING SHALL BE ALLOWED, NO
- COORDINATE NEW DOOR HOLD OPEN DEVICE REQUIREMENTS WITH ARCHITECT AND EXISTING DOOR REQUIREMENTS IN FIELD. PROVIDE ADDITONAL DEVICES AS REQUIRED FOR A COMPLETE
- ALL EXISTING SECURITY DEVICES, WIFI DEVICES, SPEAKERS, OTHER TECHNOLOGY DEVICES, AND OTHER ELECTRICAL CEILING MOUNTED DEVICES NOT NOTED TO BE REMOVED IN AREAS WITH CEILINGS WILL BE REPLACED. REMOVE DEVICE FROM EXISTING CEILING SUPPORT FROM STRUCTURE DURING CEILING REPLACEMENT AND REINSTALL IN NEW CEILING AT SAME LOCATION.

## **SHEET NOTES**

CIRCUIT NEW DEVICES TO PANEL AS INDICATED. COORDINATE WITH AVAILABLE SPARE CIRCUITS MADE AVAIALBLE BY DEMOLITON WORK IN FIELD, COMPLETE AS REQUIRED.COMPLETE AS REQUIRED. <del>|</del>

PANEL, WITH MINIMUM AIC OF 30,000. ALL EXISTING CIRCUITS IN CURRENT PANELS TO BE RELOCATED TO NEW PANEL WITH NEW CIRCUIT BREAKERS.



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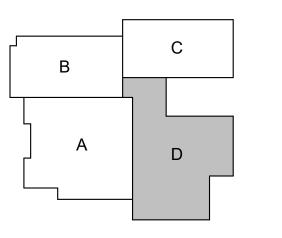
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(219) 924-8400

PROJECT:

LOGANSPORT JUNIOR HIGH SCHOOL

RENOVATIONS LOGANSPORT COMMUNITY SCHOOL CORPORATION LOGANSPORT, INDIANA



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MARK DATE ISSUED FOR AD-3 09/10/24 ADDENDUM 3

DRAWING UNIT "D" FIRST FLOOR ELECTRICAL POWER PLAN

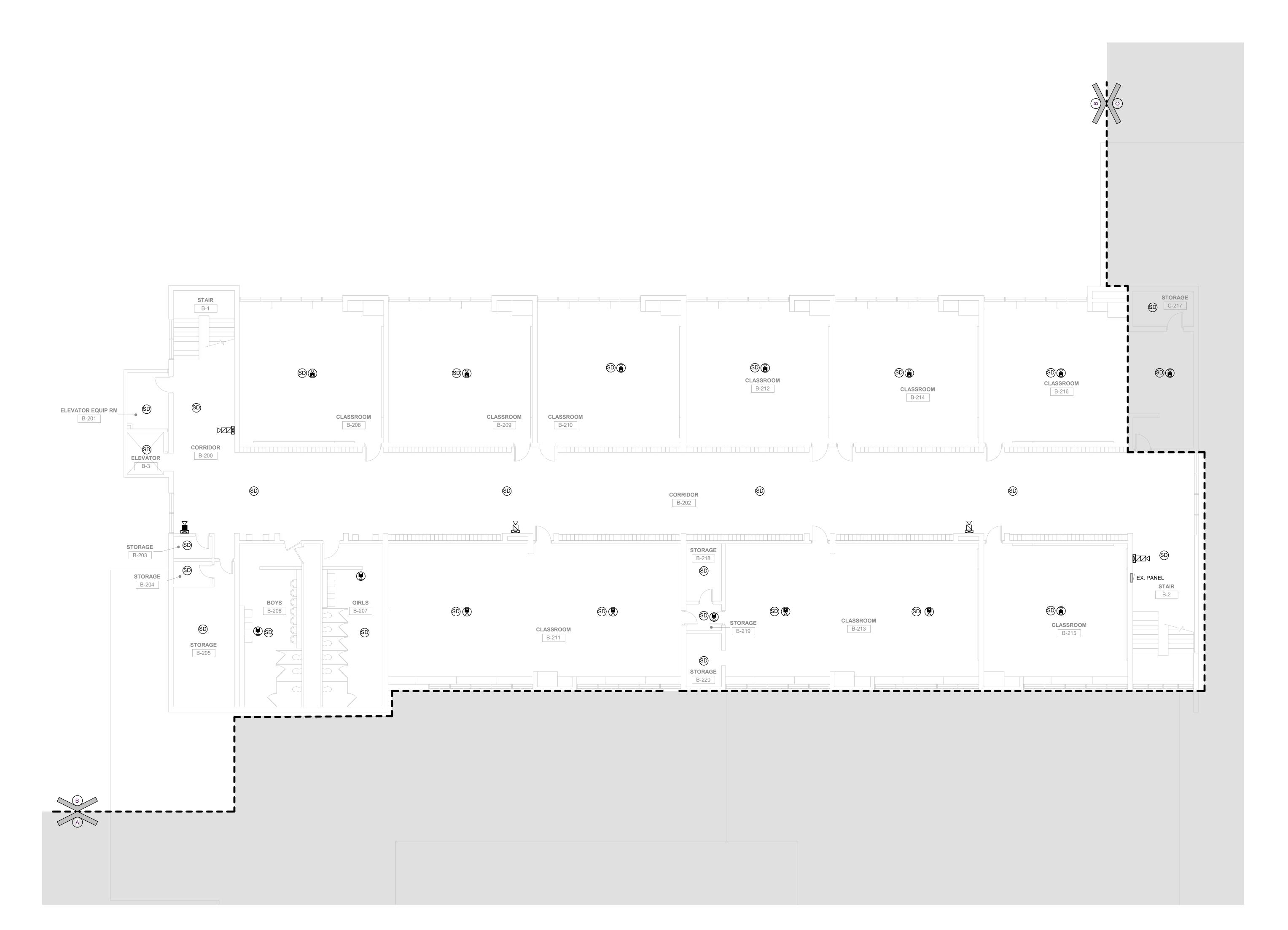
LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

- 1. LOCATIONS OF EXISTING AND NEW DEVICES ARE SHOWN DIAGRAMMATICALLY. CONTRACTOR SHALL PROVIDE PROPER QUANITY AND LOCATION OF ALL DEVICES TO PROVIDE CODE COMPLIANT COVERAGE OF ALL SPACES.
- 2. UTILIZE EXISTING CONDUIT AND BACK BOXES WHERE POSSIBLE AND WHERE EXISTING DEVICES WERE MOUNTED AT AN ADA APPROVED MOUNTING HEIGHT, COMPLETE AS REQUIRED.
- CONTRACTOR SHALL PROVIDE A COMPLETE, PROPERLY OPERTATING SYSTEM AS SHOWN.
   PROVIDE NEW WIRING FOR ALL NEW FIRE ALARM DEVICES AND ALL NEW DEVICES TO REPLACE EXISTING FIRE ALARM DEVICES. WIRING SHALL BE TYPE AND QUALITY IN ACCORDANCE WITH MANUFACTURER'S REQUIREMENTS
- AND AUTHORITY HAVING JURISDICTION.

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- 8. COORDINATE SCHEDULE AND DOWNTIME WITH OWNER PER AHJ AND NFPA 72 REQUIREMENTS. CONTRACTOR SHALL INCLUDE NECESSARY MANHOURS TO PROVIDE REQUIRED FIRE WATCH DURING ALL SCHEDULED DOWNTIME, A FIRE WATCH SHALL BE PROVIDED.
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- 13. PROVIDE COMPLETE CONDUIT AND RACEWAY SYSTEM FOR ALL NEW LOCATIONS AND NEW DEVICES IN EXISTING LOCATIONS. NO EXPOSED FIRE ALARM CABLING SHALL BE ALLOWED, NO EXCEPTIONS.
- 14. COORDINATE NEW DOOR HOLD OPEN DEVICE REQUIREMENTS WITH ARCHITECT AND EXISTING DOOR REQUIREMENTS IN FIELD. PROVIDE ADDITIONAL DEVICES AS REQUIRED FOR A COMPLETE INSTALLATION.

  15. ALL EXISTING SECURITY DEVICES, WIFI DEVICES, SPEAKERS, OTHER TECHNOLOGY DEVICES, AND OTHER ELECTRICAL CEILING MOUNTED DEVICES NOT NOTED TO BE REMOVED IN AREAS WITH CEILINGS WILL BE REPLACED. REMOVE DEVICE FROM EXISTING CEILING SUPPORT FROM STRUCTURE DURING CEILING REPLACEMENT AND REINSTALL IN NEW CEILING AT SAME LOCATION.







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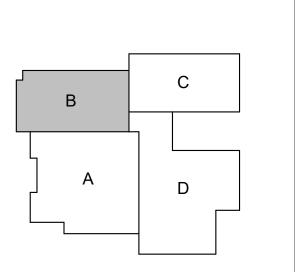
PROJECT:

LOGANSPORT

**JUNIOR HIGH** 

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RENOVATIONS
LOGANSPORT COMMUNITY
SCHOOL CORPORATION

LOGANSPORT, INDIANA



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PROJECT
23-134
DATE
08/15/24

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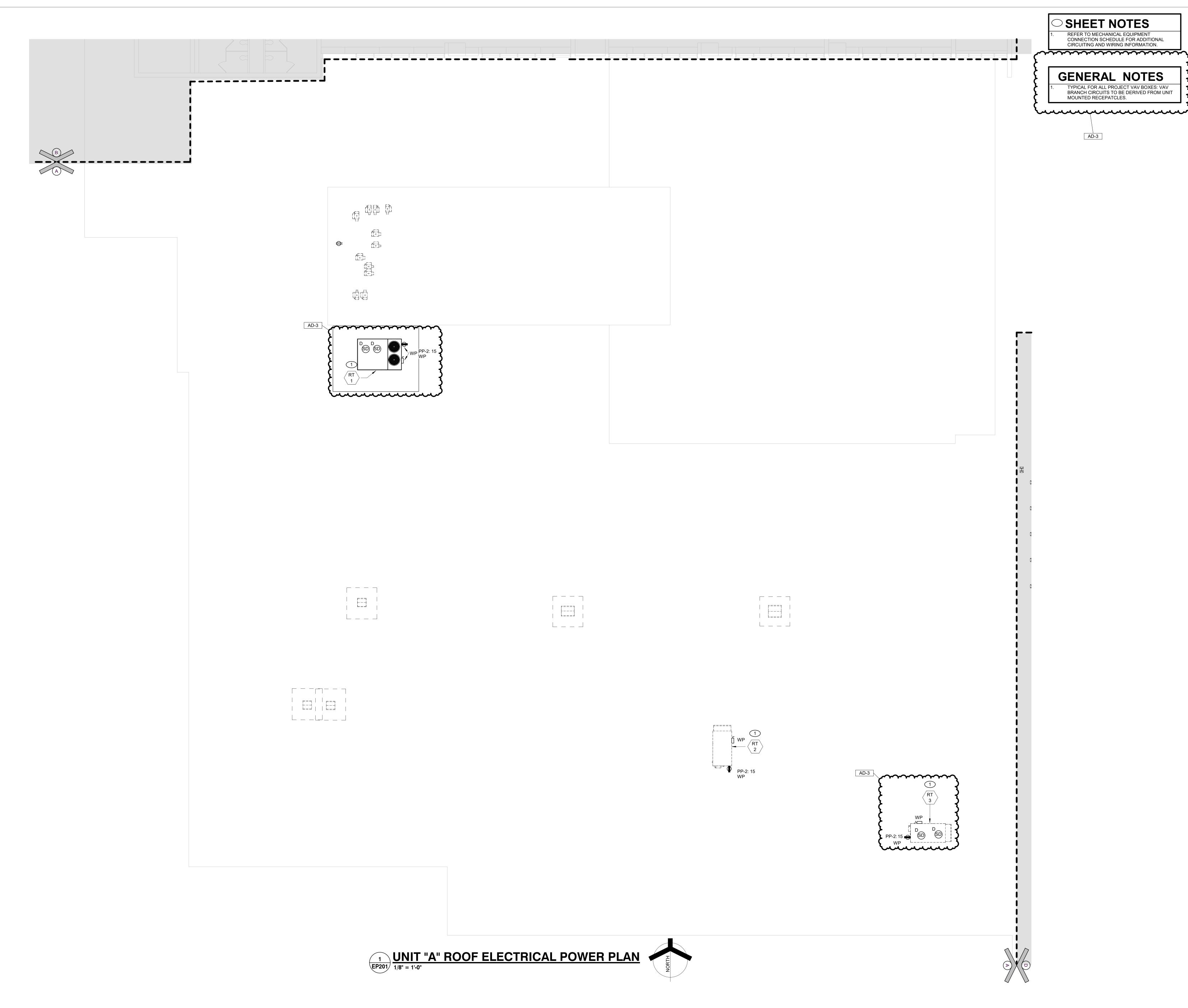
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AD-3 09/10/24 ADDENDUM 3

UNIT "B" SECOND FLOOR ELECTRICAL POWER PLAN

PROJECT
LOGANSPORT JUNIOR HIGH
SCHOOL RENOVATIONS

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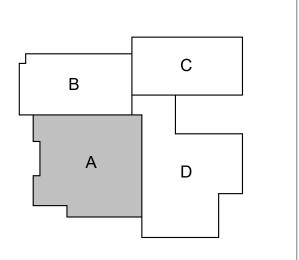
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SCHOOL CORPORATION LOGANSPORT, INDIANA



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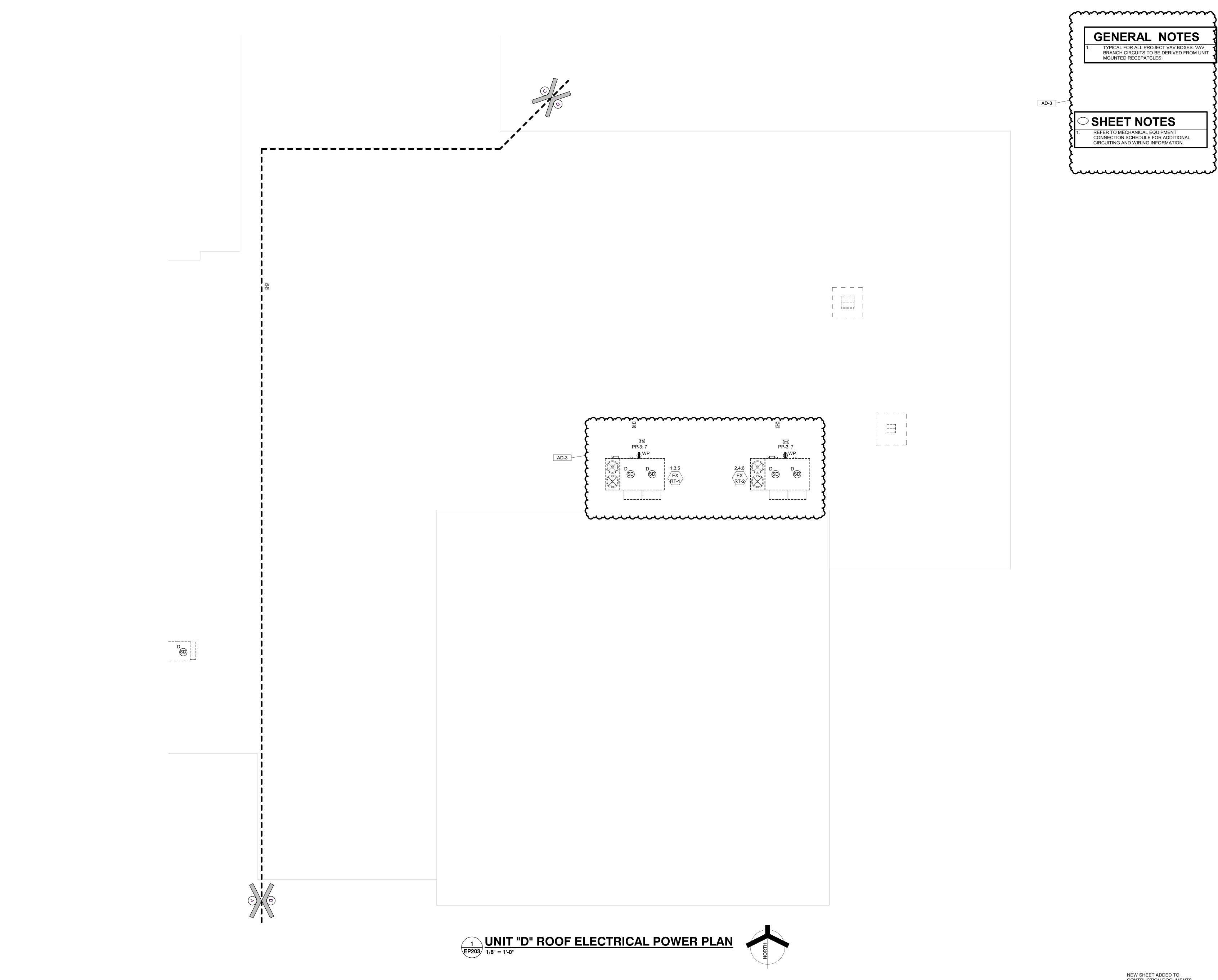
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AD-3 09/10/24 ADDENDUM 3

DRAWING UNIT "A" ROOF ELECTRICAL **POWER PLAN** 

PROJECT
LOGANSPORT JUNIOR HIGH
SCHOOL RENOVATIONS



TYPICAL FOR ALL PROJECT VAV BOXES: VAV BRANCH CIRCUITS TO BE DERIVED FROM UNIT MOUNTED RECEPATCLES.

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ENGINEERING GROUP (219) 924-8400 www.milliesengineeringgroup.com PROJECT:

LOGANSPORT JUNIOR HIGH

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LOGANSPORT, INDIANA

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PROJECT 23-134

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AD-1 08/29/24 ADDENDUM 1 AD-3 09/10/24 ADDENDUM 3

DRAWING UNIT "D" ROOF ELECTRICAL **POWER PLAN** 

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

NEW SHEET ADDED TO CONTRUCTION DOCUMENTS IN THIS ADDENDUM

		1	LIGHTING LUMINAIRE	SCHED	<b>X</b> + <del>5</del> ~~	AD-3	1
ΓAG	SYMBOL	DESCRIPTION	MANUFACTURER SERIES OR CATALOG NUMBER	VOLTAGE/ BALLAST	LAMPS/CROSS SECTION	MOUNTING	REMARKS
AA1	•	2'X4' LED DIRECT/INDIRECT FIXTURE CLASSROOMS, COORIDORS, AND SIMILIAR SPACES	LITHONIA #2BLT4-40L-ADP-GZ1-LP835 SERIES OR APPROVED EQUAL	MVOLT 0 -10V DIM -	LED 4000K 4000LM 34W	RECESSED - -	- - -
A2	•	2'X4' LED DIRECT/INDIRECT FIXTURE  CAFETERIA AND SIMILIAR SPACES	LITHONIA #2BLT4-48L-ADP-GZ1-LP835 SERIES OR APPROVED EQUAL	MVOLT 0-10V DIM -	LED 4000K 4800LM 43W	RECESSED - -	- - -
AΒ	•	2'X2' LED DIRECT/INDIRECT FIXTURE	LITHONIA #2BLT2-40L-ADP-GZ1-LP835 SERIES OR APPROVED EQUAL	MVOLT - -	LED 4000K 4000LM 35W	RECESSED - -	- - -
AC	•	LINEAR VAPORTITE FIXTURE	LITHONIA #CSVT-40000LM-MVOLT-35K-80CRI SERIES OR APPROVED EQUAL	MVOLT - -	LED 4000K 4000LM 40W	RECESSED - - -	- - - -
CA	0	6" ROUND LED DOWNLIGHT FIXTURE	LITHONIA #LDN6-35-10-LS6-AR-LSS-MVOLT-EZ1 OR APPROVED EQUAL	MVOLT 0-10V DIM -	LED 4000K 1000LM 13W	RECESSED - -	- - -
СВ	0	4" SQUARE LED DOWNLIGHT FIXTURE	GOTHAM #EVO4SQ-35/20-XX-XX-MVOLT-GZ1- OR APPROVED EQUAL	MVOLT - -	LED 4000K 2000LM 23W	RECESSED - -	- - -
FA	он	LED STRIP FIXTURE	LITHONIA #CLX-LXX-6000LM-SEF-FDL-MVOLT-GZ-10-35K-80CR1-WH OR APPROVED EQUAL	MVOLT 0 -10V DIM -	LED 4000K 6000LM 45W	SURFACE - -	- - -
-IA	•	HIGHBAY LED FIXTURE	LITHONIA #IBG-24000-SEF-AFL-GND-MVOLT-GZ10-35K-80CRI- IBGACVH-WGIBGXX SERIES OR APPROVED EQUAL	MVOLT 0-10V DIM -	LED 4000K 24000LM 144W	RECESSED - - -	- - -
PA	•	LINEAR LED SUSPENDED FIXTURE	LITHONIA #S4LD SERIES OR APPROVED EQUAL	MVOLT - -	LED - - -	RECESSED - -	- - -
⊃В	H	SURFACE MOUNTED CORNER FIXTURE	CORONET #CCU-4-35-LTG1-UNIV-DB-X-SM KURTZON # WL-COR-1-X-LEDR-935-120V-A19	MVOLT - -	LED 4000K 3600LM 29W	SURFACE - -	- - -
EA	-	SURFACE MOUNTED LED WALL PACK FIXTURE WITH INTEGRAL DAYLIGHT AND MOTION SENSOR CONTROLS.	LITHONIA #WPX2 LED-40K-MVOLT-PE-DBLXD	MVOLT - -	LED 4000K 6000LM 48W	SURFACE -	- - -
ED	NOT USED					- -	-
EF	0	POST TOP WALWAY AREA FIXTURE AND POST.	BEGA #B84147-K4-SLV-W/10'-3"-DIAMETER-NON - ALUMINUM=POLE	MVOLT - -	LED 4000K 4700LM 46W	-	-
EP	-	POLE FIXTURE	LITHONIA #RSX1-LED-P3-R5-MVOLT-RPA-PE-DBLXD #RSX1-LED-P3-R4-MVOLT-RPA-PE-EGS-DBLXD	MVOLT - -	LED 4000K 13000LM 109W	Ī	- - -
XA	<b>⊗ ♥</b>	SINGLE FACE CAST EXIT SIGN WITH RED LETTERS, 90 MINUTE BATTERY	LITHONIA #LE-S-X-1-R-X-E-I DUAL-LITE #SE SERIES SURE-LITES #CX-71 SERIES	120 VOLT	- - -	CEILING/ WALL	-FURNISH WITH ARROWS AS REQ'D BY CODE
EM		FIXTURE ON EMERGENCY CIRCUIT WITH 90 MINUTE, HIGH OUTPUT (MIN 1400LM) BATTERY UNIT OR INVERTER	FIXTURES LESS THAN 10000 LM: BODINE FACTORY INSTALLED BATTERY OR, AT CONTRACTOR'S DISCRETION, MYERS LV SERIES INVERTER (SIZE AND QUANTITY AS REQUIRED)	120/277 VOLT	-	IN FIXTURE/ REMOTE	-PROVIDE TEST SWITCH AND CHARGING INDICATO -INTEGRAL BATTERIES NO ALLOWED IN FIXTURES WITH GREATER THAN 100 LUMENS
			FIXTURES GREATER THAN 10000LM: MYERS LV SERIES INVERTER (SIZE AND QUANTITY AS REQUIRED)				LOWEING

					PF	<b>-</b> 3							
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+									1			SPACE	4
	PHA MAII MAII BUS	PHASES: MAINS TYPE MAIN RATE BUSSING:  175 A  20 A  20 A  20 A  20 A  20 A	PHASES: 3 MAINS TYPE: 600 MAIN RATING: BUSSING: CC  175 A 3  20 A 1	PHASES: 3 MAINS TYPE: 600 MLO MAIN RATING: BUSSING: COPPER  LEG. TRIP POLES A  10469 175 A 3  20 A 1	PHASES: 3 MAINS TYPE: 600 MLO MAIN RATING: BUSSING: COPPER  LEG. TRIP POLES A B  10469  175 A 3 10469  20 A 1 0 20 A 1	PHASES: 3 MAINS TYPE: 600 MLO MAIN RATING: BUSSING: COPPER  LEG. TRIP POLES A B C  10469  10469  10469  20 A 1 0 0  20 A 1 0 1 1  1 1 1  1 1	PHASES: 3 MAINS TYPE: 600 MLO MAIN RATING: BUSSING: COPPER  LEG. TRIP POLES A B C A  10469 9776  175 A 3 10469  20 A 1 0 0  20 A 1 0 1 1  1 1 1  1 1 1  1 1	PHASES: 3 MAINS TYPE: 600 MLO MAIN RATING: BUSSING: COPPER  LEG. TRIP POLES A B C A B  10469 9776  175 A 3 10469  20 A 1 0 0 0  1 1  1 1	PHASES: 3 MAINS TYPE: 600 MLO MAIN RATING: BUSSING: COPPER  LEG. TRIP POLES A B C A B C  10469 9776 10469 9776 10469 9776 20 A 1 0 0 0 0 0 0 0 0 20 A 1 0 0 0 0 0 0 20 A 1 0 0 0 0 0 0 0 20 A 1 0 0 0 0 0 0 0 0 20 A 1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	PHASES: 3 MAINS TYPE: 600 MLO MAIN RATING: BUSSING: COPPER  LEG. TRIP POLES A B C A B C POLES  175 A 3 10469 9776 3  20 A 1 0 0 0 1  1 1 1 1  1 1	PHASES: 3 MAINS TYPE: 600 MLO MAIN RATING: BUSSING: COPPER  10469 9776 3 150 A  20 A 1 0 0 0 1 20 A  20 A 1 0 0 0 0 1 20 A  20 A 1 0 0 0 0 1 20 A  20 A 1 0 0 0 0 1 20 A  20 A 1 0 0 0 0 1 20 A  20 A 1 0 0 0 0 1 20 A  20 A 1 0 0 0 0 1 20 A  20 A 1 0 0 0 0 1 20 A	PHASES: 3 MAINS TYPE: 600 MLO MAIN RATING: BUSSING: COPPER    10469	PHASES: 3 MAINS TYPE: 600 MLO MAIN RATING: BUSSING: COPPER  LEG. TRIP POLES A B C A B C POLES TRIP LEG. CIRCUIT DESCRIPTION  10469 9776 3 150 A EX RT-2  10469 9776 3 150 A SPARE  20 A 1 0 0 0 1 20 A SPARE  20 A 1 0 0 0 1 20 A SPARE  20 A 1 0 0 0 1 20 A SPARE  20 A 1 0 0 0 1 20 A SPARE  20 A 1 0 0 0 1 20 A SPARE  20 A 1 0 0 0 1 20 A SPARE  20 A 1 0 - 1 - SPACE  1 1 - SPACE

# **FIXTURE GENERAL NOTES**

- INTERIOR FIXTURES, EXTERIOR FIXTURES AND POLE FINISHES AND COLORS TO BE SELECTED BY ARCHITECT. THE ARCHITECT MAY, AT THEIR DISCRETION, CHOOSE A CUSTOM COLOR AT NO ADDITIONAL
- PENDANT FIXTURES SPECIFIED ON THIS PROJECT SHALL BE CAREFULLY COORDINATED WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER AS EACH PENDANT FIXTURE IS A CUSTOM MANUFACTURED FIXTURE. PROVIDE PENDANT EMERGENCY SECTIONS AND EMERGENCY CIRCUITS AS SHOWN. COORDINATE WITH FIXTURE MANUFACTURER AND PROVIDE ADDITIONAL ACCESSORIES FOR A COMPLETE AND PROPER INSTALLATION. PROVIDE PROPER FIXTURE LENGTH, FEEDS, SINGLE AND DUAL CIRCUITING AND SUSPENSION LENGTH AS SHOWN ON DRAWINGS. PROVIDE FABRICATION DRAWINGS FOR REVIEW AS PART OF THE SHOP DRAWING SUBMITTAL
- LED FIXTURES (LESS THAN 10000 LUMENS) SHALL BE PROVIDED WITH FACTORY INSTALLED INTEGRAL EMERGENCY BATTERY UNITS BATTERY UNITS SHALL PROVIDE A MINIMUM OF 1400 LUMENS.
- FIXTURES THAT CANNOT BE PROVIDED WITH EMERGENCY BALLASTS OR FIXTURES WITH GREATER THAN 10000 LUMENS SHALL BE PROVIDED WITH EMERGENCY INVERTER (MYERS #LV SERIES OR APPROVED EQUAL) WITH SUITABLE CAPACITY TO POWER FIXTURE FOR A MINIMUM OF 90 MINUTES PER CODE. VERIFY SIZING AND REQUIREMENTS WITH CONTRACT DOCUMENTS PRIOR TO ORDERING.
- SHADED FIXTURES SHALL HAVE AN EMERGENCY SOURCE OF POWER AS SPECIFIED.
- FIXTURES WITH EMERGENCY BATTERIES SHALL BE PROVIDED WITH CONSTANT HOT SENSING WIRE SO THAT FIXTURE CAN BE SWITCHED ON AND OFF WITHOUT ACTIVATING EMERGENCY BALLAST. UPON LOSS OF POWER, THE FIXTURE SHALL BE ILLUMINATED FOR A MINIMUM OF 90 MINUTES REGARDLESS OF THE LIGHT SWITCH POSITION. PROVIDE TEST SWITCH AND CHARGING INDICATOR FOR EMERGENCY BATTERY AS SPECIFIED.
- ALL INTEGRAL EMERGENCY BATTERIES USED IN EXTERIOR APPLICATIONS SHALL HAVE A MINIMUM STARTING TEMPERATURE OF -20 DEGREES F UNLESS OTHERWISE SPECIFIED.
- CAREFULLY COORDINATE MOUNTING REQUIREMENTS FOR FIXTURES WITH CONTRACT DOCUMENTS AND FIXTURE MANUFACTURER. PROVIDE APPROPRIATE MOUNTING FRAMES FOR LAY-IN OR GYPSUM CEILINGS. VERIFY CEILING REQUIREMENTS WITH FINAL ARCHITECTURAL REFLECTED CEILING PLAN.
- COMPLETE PHOTOMETRICS OF THE INTERIOR LIGHTING SHALL BE SUBMITTED ALONG WITH THE LIGHTING SHOP DRAWINGS FOR REVIEW. FOR FINISHED SPACES, 80/50/20 REFLECTANCES SHALL BE UTILIZED. FOR UNFINISHED SPACES 50/50/20 REFLECTANCE SHALL BE UTILIZED. THE LLD VALUE THAT SHALL BE UTILIZED FOR LED IS .81. EXTERIOR CALCULATIONS SHALL ACCOUNT FOR HOUSE SIDE SHIELDING AND SHALL CONFORM TO LOCAL REQUIREMENTS.
- VERIFY FIXTURE MOUNTING HEIGHTS WITH ARCHITECT PRIOR TO
- VERIFY VOLTAGES OF EXISTING LIGHTING CIRCUITRY PRIOR TO ORDERING FIXTURES.
- FOR FIXTURES INSTALLED IN CASEWORK, VERIFY FIXTURE FIT WITH CASEWORK SHOP DRAWINGS PRIOR TO ORDERING.
- PROVIDE CUSTOM ANTI-SWAY BRACING FOR PENDANT TO ELIMINATE PENDANT MOVEMENT DUE TO AIR MOVEMENT OR ENVIRONMENTAL
- COORDINATE LOCATIONS OF INTERIOR LIGHTING FIXTURES WITH FINAL ARCHITECTURAL DRAWINGS. FIXTURES THAT ARE NOT INSTALLED IN THE CORRECT LOCATION SHALL BE RELOCATED AND REINSTALLED IN THE CORRECT LOCATION AT NO ADDITIONAL
- 15. FIXTURES SHALL BE PROVIDED WITH ESCUTCHEON PLATES AS REQUIRED TO COVER EXISTING HOLES FROM REMOVED FIXTURES. CANOPY CEILING AROUND NEW FIXTURES SHALL BE REFINISHED TO MATCH EXISTING SURROUNDING CANOPY CEILING SURFACES.
- 16. FIXTURES SHALL BE CAREFULLY COORDINATED WITH MANUFACTURER TO DELIVER THE SPECIFIED PRODUCT IN SUFFICIENT TIME TO MEET PROJECT DEADLINES. EQUIPMENT DELIVERY LEAD TIME SHALL NOT BE HELD AS A VALID REASON FOR REQUESTING LUMINAIRE SUBSTITUTION UNLESS LUMINAIRE LEAD TIME FROM SPECIFIED MANUFACTURER IS IN EXCESS OF 14 WEEKS. IT SHALL BE THE SOLE RESPONSIBILITY OF THE ELECTRICAL CONTRACTOR TO DETERMINE NECESSARY EQUIPMENT LEAD TIMES, DELIVER SUBMITTALS FOR REVIEW IN A TIMELY FASHION, AND PLACE ORDERS ACCORDINGLY TO ENSURE TIMELY DELIVERY.
- EVALUATION OF APPROVED EQUALS SHALL BE AT THE SOLE DISCRETION OF THE ARCHITECT AND ENGINEER. IF THE PRODUCT SUBMITTED DURING THE REVIEW PROCESS IS NOT JUDGED AS AN EQUAL BY THE REVIEWING ENGINEER, THE CONTRACTOR SHALL PROVIDE THE PRODUCT SPECIFIED.
- LIGHT FIXTURE TRANSFORMERS SHALL BE INTEGRAL STEP DOWN TRANSFORMERS PER NEC 210.6C. IF AN INTEGRAL STEP DOWN TRANSFORMER IS NOT AVAILABLE, PROVIDE A 120V CONNECTION FOR LIGHT FIXTURES AND ADDITIONAL CONTROL DEVICES AS REQUIRED TO PROPERLY CONTROL FIXTURES ALONG WITH OTHER 277 VOLT LIGHTING IN ROOM. VERIFY CONDITIONS AND REQUIREMENTS, COMPLETE AS REQUIRED.
- CAREFULLY COORDINATE VOLTAGES OF FIXTURES PRIOR TO ORDERING FIXTURES.
- CAREFULLY VERIFY COLOR TEMPERATURE OF FIXTURES WITH

ARCHITECT PRIOR TO ORDERING.

#### **NEW PANEL "LWC"**

120/208 Wye LOCATION: PASSAGE A-142 VOLTS: SUPPLY FROM: PHASES: MOUNTING: RECESSED MAINS TYPE: MLO **ENCLOSURE**: TYPE 1 MAIN RATING: 60A A.I.C. RATING: **BUSSING:** 

KT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	Α	В	С	A	В	С	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	СК
1								416				4F A		LIV 4 DCC/UEALTH A 402	2
3									416		2	15 A		UV-1 PCC/HEALTH A-103	4
5	REC - A-104 / A-143		20 A	1			1400			614	_	4 F A		1N/ 4A CAFE A 404	6
7	REC - RECEPTION A-104		20 A	1	800			614			2	15 A		UV-4A CAFE. A-124	8
9	REC - A-138 / A-141 / A-102		20 A	1		1200			614			45 A		LIV 4D CAFE A 404	10
11	REC - A-138 / A-141 / A-102		20 A	1			1000			614	2	15 A		UV-4B CAFE. A-124	12
13	SPARE		20 A	1	0			614				45 A		LIV 40 04FF A 404	14
15	SPARE		20 A	1		0			614		2	15 A		UV-4C CAFE. A-124	16
17	SPARE		20 A	1			0			0	1	20 A		SPARE	18
19	SPARE		20 A	1	0			0			1	20 A		SPARE	20
21	SPARE		20 A	1		0			0		1	20 A		SPARE	22
23	SPARE		20 A	1			0			0	1	20 A		SPARE	24
25	SPARE		20 A	1	0			0			1	20 A		SPARE	26
27	SPARE		20 A	1		0			0		1	20 A		SPARE	28
29	SPARE		20 A	1			0			0	1	20 A		SPARE	30
31	SPACE			1							1			SPACE	32
33	SPACE			1							1			SPACE	34
35	SPACE			1							1			SPACE	36
37	SPACE			1							1			SPACE	38
39	SPACE			1							1			SPACE	40
41	SPACE			1							1			SPACE	42

GC = PROVIDE GFI CIRCUIT BREAKER ST = PROVIDE SHUNT TRIP BREAKER

LO = PROVIDE LOCKABLE DEVICE

	PANEL TOTALS	
	TOTAL CONNECTED LOAD PHASE A: 2443 \	/A
	TOTAL CONNECTED LOAD PHASE B: 2843 \	/A
	TOTAL CONNECTED LOAD PHASE C: 3627 \	/A
	TOTAL CONNECTED LOAD: 8914 \	/A
FER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION	TOTAL CONNECTED AMPS: 25 A	

**NEW PANEL PP-2** 

**LOCATION**: AG/CTE LAB A-137 **VOLTS**: 120/208 Wye SUPPLY FROM: PHASES: MAINS TYPE: MCB **MOUNTING:** SURFACE **ENCLOSURE**: TYPE 1 MAIN RATING: 250A BUSSING: COPPER **A.I.C. RATING:** 22000

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	Α	В	С	Α	В	С	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	СК
1	REC RM A-134, A-135		20 A	1	600			5692							2
3	REC RM A-134		20 A	1		400			5692		3	80 A		RT-2 AG/CTE A-134	4
5	REC RM A-137		20 A	1			200	~~	~~	5692	~~	~~	$\sim$	~~~~~	~~~
7	UV-5 PPC / PERSONAL A-129		20 A	2	416		56	5692							8
9	- UV-3 PPC / PERSONAL A-129		20 A			416			5692		3	80 A		RT-3 AG A-137	10
11	UV-6 AG A -130		20 A	2			416			5692		4 .4			12
13	UV-0 AG A - 130				416			614			2	15 A		JV-3A BAND/CHOIR D-104	14
15	GFI'S FOR RTU-2 &3		20 A	1		600			614		] ~	15 A		UV-JA BAND/GHOIR D-104	16
17	DOOR OPERATOR		20 A	1			1200			770	2	1 <i>E</i> A		LIV 2D DAND/CHOID D 404	18
19	TEF ROOF		20 A	1	864			770				15 A		UV-3B BAND/CHOIR D-104	20
21	LIV 2 MIECHT DOOM D 102		1 F A	2		416			416			2 15 A		UV-7 LSS C-102	22
23	UV-2 WIEGHT ROOM D-102		15 A	2			416	~~		416			~~	1	24
25	REC WEIGHT ROOM		20 A	1	800		(	400		<b>*</b>	1	20 A		GFI REC - A-134	26
27	GFI ROOF-TEF		20 A	1		200	(		1000		1	20 A		GFI REC - A-134	28
20.	~~~~~	~~	~~	$\sim\sim$	$\sim$		(			1000	1	20 A		GFI REC - A-134	30
31	REC - A-134		20 A	1	1000			$\sim_0$	~~			20 A	5	SPARE	32
33	SPARE	<u> </u>	20 A			0			0		1	20 A		SPARE	34
35	SPARE		20 A	1			0			0	1	20 A		SPARE	36
37	SPARE		20 A	1	0			0			1	20 A		SPARE	38
39	SPARE		20 A	1		0			10400			405.4		NEW CAFFERIA LICTUATI	40
41	GFI'S ROOF		20 A	1			0			10400	2	125 A		NEW CAFETERIA HOTWELL	42

GC = PROVIDE GFI CIRCUIT BREAKER LO = P

PROVIDE GFI CIRCUIT BREAKER PROVIDE SHUNT TRIP BREAKER PROVIDE LOCKABLE DEVICE		
	PANEL TOTAL	_S
	TOTAL CONNECTED LOAD PHASE A:	17263 VA
	TOTAL CONNECTED LOAD PHASE B:	25846 VA
	TOTAL CONNECTED LOAD PHASE C:	26202 VA
	TOTAL CONNECTED LOAD:	69311 VA
ER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION	TOTAL CONNECTED AMPS:	192 A

		MECHANICAL EQUIPMENT CONN									NNECT						
TAG	DESCRIPTION	WATTS	HP	MCA	FLA	MOCP	VOLT	PHASE	AD-3	CKT. NO.		CONDUIT		PROV. BY	PROV. BY:	REMARKS	
EX-RT-1	EXISTING ROOF MOUNTED PACKAGED HVAC UNIT - NEW LOCATION SERVING GYMNASIUM	31408	III	151	ILA	IWIOGP	208	1	PP-3	1,3,5	3#1/0 & 1#6GRD	1-1/2"	200A-3P	X	X X	REFER TO ELETRICAL SINGLELINE DIAGRAM	
EX-RT-2	EXISTING ROOF MOUNTED PACKAGED HVAC UNIT - NEW LOCATION SERVING GYMNASIUM	29328		141			208	1	PP-3	2,4,6	3#2/0 & 1#6GRD	1-1/2"	200A-3P	X	X	REFER TO ELETRICAL SINGLELINE DIAGRAM	
RT-1	ROOF MOUNTED PACKAGED HVAC UNIT - DX COOLING/GAS HEATING (VAV)	29901		83		110	208	3	DPLW	1,3,5	3#1 & 1 #6 GRD	1-1/2"	200A-3P	X	Х	REFER TO ELETRICAL SINGLELINE DIAGRAM	
RT-2	ROOF MOUNTED PACKAGED HVAC UNIT - DX COOLING/GAS HEATING (SZVAV)	17076			47.4	80	208	3	NEW PANEL PP-24	ر 44هر	3#8&1#8GBQ	سات	808-38	mm	······································	······	
RT-3	ROOF MOUNTED PACKAGED HVAC UNIT - DX COOLING/GAS HEATING (SZVAV)	17076			47.4	80	208	3	NEW PANEL PP-2	8,10,12	3#3 & 1#8 GRD	1"	80A-3P	X	Х		
TEF-1	ROOF MOUNTED TOILET EXHAUST FAN	864		7.2		15	120	1	NEW PANEL PP-2	19	2#12 & 1#12 GRD	3/4"	15A/1P	X	Х	CONTACT CONNECTION TO LIGHTING CONTROL	
UV-1	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE	832			4	15	208	1	NEW PANEL "LWC"	2,4	2#12 & 1#12 GRD	3/4"	15A/2P	X	Х		
UV-2	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE	832			4	15	208	1	NEW PANEL PP-2	21,23	2#12 & 1#12 GRD	3/4"	15A/2P	X	Х	PROVIDE NEW BREAKER TO EX PANEL	
UV-3A	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE	1227			5.9	15	208	1	NEW PANEL PP-2	14,16	2#12 & 1#12 GRD	3/4"	15A/2P	X	Х	PROVIDE NEW BREAKER TO EX PANEL	
UV-3B	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE	1539			7.4	15	208	1	NEW PANEL PP-2	18,20	2#12 & 1#12 GRD	3/4"	15A/2P	X	Х	PROVIDE NEW BREAKER TO EX PANEL	
UV-4A	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE	1227			5.9	15	208	1	NEW PANEL "LWC"	6,8	2#12 & 1#12 GRD	3/4"	15A/2P	X	X		
UV-4B	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE	1227			5.9	15	208	1	NEW PANEL "LWC"	10,12	2#12 & 1#12 GRD	3/4"	15A/2P	X	X		
UV-4C	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE	1227			5.9	15	208	1	NEW PANEL "LWC"	14,16	2#12 & 1#12 GRD	3/4"	15A/2P	X	X		
UV-5	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE	832			4	15	208	1	NEW PANEL PP-2	7,9	2#12 & 1#12 GRD	3/4"	15A/2P	X	X		
UV-6	VERTICAL UNIT VENTILATOR - HOT WATER/CHILLED WATER - 2 PIPE	832			4	15	208	1	NEW PANEL PP-2	11,13	2#12 & 1#12 GRD	3/4"	15A/2P	X	Х		
UV-7	VERTICAL UNIT VENTILATOR - HOT	832			4	15	208	1	NEW PANEL PP-2	22,24	2#12 & 1#12	3/4"	15A/2P	X	X		



**GIBRALTAR** 

DESIGN ARCHITECTURE • ENGINEERING • INTERIOR DESIGN **MILLIES** 

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RENOVATIONS LOGANSPORT COMMUNITY SCHOOL CORPORATION LOGANSPORT, INDIANA

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08/15/24 COORDINATED BY DRAWN BY CHECKED BY

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ELECTRICAL SCHEDULES

LOGANSPORT JUNIOR HIGH SCHOOL RENOVATIONS

E-501