ADDENDUM THREE

Addendum Three (AD.03) to the drawings and specifications prepared by Gibraltar Design for **Early Learning Center (ELC) and Alternative Learning Center (ALC) Additions and Renovations** for Tippecanoe School Corporation, Lafayette, Indiana.

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

SPECIFICATIONS

1. **Specification Section 06 20 00 Rough Carpentry**

   A. Add paragraph 2.7 to read:

   "2.7 Slider Window Unit

   A. Provide and install aluminum slider window, Boyd Aluminum Manufacturing Window, Model Series 700, horizontal sliding unit, or approved equal.

   B. Install slider window into gypsum board opening – refer to drawings for location and size required."

2. **Specification Section 08 41 00 Aluminum Storefronts**

   A. Paragraph 2.6 A2, revise text to read:

   "2. Early Learning Center: 1 mil thick, 70 percent Kynar 500 or Hylar 5000 type finish, over minimum 0.2 mil baked-on modified epoxy primer; of color to match medium bronze anodized finish selected by the Architect."

3. **Specification Section 08 71 00 Door Hardware – Early Learning Center**

   A. Paragraph 3.05.D revise Hardware Set #18 to read:

Hardware Group No. 18

A-139A

Provide each PR door(s) with the following:

QTY		DESCRIPTION	CATALOG NUMBER	FINISH	MFR
2	EA	CONT. HINGE	112XY EPT	628	IVE
2	EA	POWER TRANSFER	EPT10	689	VON
1	EA	KEYED REMOVABLE MULLION	KR4954 STAB	689	VON
1	EA	ELEC PANIC HARDWARE	CDSI-LXRX-LC-99-NL-OP-110MD	626	VON
1	EA	ELEC PANIC HARDWARE	CDSI-RX-99-EO	626	VON
1	EA	MULLION STORAGE KIT	MT54	689	VON
3	EA	MORTISE CYL HOUSING (SFIC)	80-110 (W/ DISP CONST CORE)	626	SCH
1	EA	RIM CYL HOUSING (SFIC)	80-159 (W/ KEYED CONST CORE)	626	SCH
4	EA	PERMANENT CORE	MATCH EXISTING KEY SYSTEM	626	
1	**EA**	**ELECTRIC STRIKE**	**6300 FSE 12/24 VAC/VDC**	**630**	**VON**
2	EA	90 DEG OFFSET PULL	8190EZHD 12" O	630-316	IVE
2	EA	SURFACE CLOSER	4040XP SCUSH	689	LCN
2	EA	MOUNTING PLATE	4040XP-18PA AS REQ'D	689	LCN
2	EA	CUSH SHOE SUPPORT	4040XP-30 AS REQ'D	689	LCN
2	EA	BLADE STOP SPACER	4040XP-61 AS REQ'D	689	LCN
1	EA	MULLION SEAL	8780NBK	BK	ZER
1	EA	WEATHER STRIPPING	BY DOOR/FRAME SUPPLIER		
2	EA	DOOR SWEEP	39A	A	ZER
1	EA	THRESHOLD	655A	A	ZER
1	**EA**	**FIRST RESPONDER CREDENTIAL READER**	**BY ACCESS CONTROL PROVIDER**		
1	**EA**	**CREDENTIAL READER**	**BY ACCESS CONTROL PROVIDER**		
2	EA	DOOR CONTACT	679-05HM	BLK	SCE
1	**EA**	**POWER SUPPLY**	**PS904 900-2RS [COORDINATE WITH ACCESS CONTROL PROVIDER]**		**VON**
1	EA	DIAGRAM	ELEVATION		DLR
1	EA	DIAGRAM	POINT TO POINT		DLR

OPERATION: DOOR NORMALLY CLOSED AND LOCKED. DOORS CAN BE LEFT UNLOCKED AS PROGRAMMED BY ACCESS CONTROL.

LOCKED HOURS: VALID CREDENTIAL/FIRST RESPONDER CREDENTIAL MOMENTARILY RELEASES ELECTRIC STRIKE ALLOWING ENTRY. DOOR CONTACT TO MONITOR DOOR

POSITION. RX SWITCH IN EXIT DEVICE PUSH PAD SHUNTS DOOR CONTACTS FOR VALID EGRESS. FREE EGRESS AT ALL TIMES.

4. **Specification Section 12 32 16 Plastic Laminate Casework**
   A. Change paragraph 2.2.I.6.a1 to read, "Polycarbonate".
5. **Specification Section 22 31 00 Domestic Water Softeners**
   A. Revise paragraph 2.01.D.1 to read as follows: "Softener tank shall be of sufficient size to allow for a proper freeboard space above the resin bed for adequate expansion of the resin during backwashing.
6. **Specification Section 23 00 07 Mechanical Insulation**
   A. Revise paragraph 2.04.A.3 to read as follows: Supply Air Ductwork located in attic spaces shall be internally lined and externally insulated.
   B. Revise paragraph 2.04.A.4 to read as follows: Return Air Ductwork located in attic space shall be internally lined and externally insulated.

DRAWINGS

Early Learning Center Drawings

7. **Sheet A-101**
   A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
      1. Modify swings of doors A-107, A117A, A-124, A-135, A-138, A-140, and A-143.
8. **Sheet A-710**
   A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
      1. Shower Threshold Detail: Change marble threshold to solid surface.
9. **Sheet EL101**
   A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
10. **Sheets EP101 and EP102**
   A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
11. **Sheets E501 and E502**
   A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
12. **Sheet E601**
   A. Refer to revised, full-size drawing, included in this Addendum, for revisions.

Alternative Learning Center Drawings

13. **Sheet A-601**
   A. Refer to revised, full-size drawing, included in this Addendum, for revisions.
      1. Change Door A-124B to Type 2 Door.

14. Sheet A-710

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

1. Shower Threshold Detail: Change marble threshold to solid surface.

15. Sheet E101

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

16. Sheet E501

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

Pages 1 through 4, inclusive, and Twelve (12) Full-Size Drawings, constitute the total makeup of **Addendum Three**.

GIBRALTAR DESIGN

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21 TOOTH SALVAGED BRICK INTO EXISTING BRICK FROM FLOOR TO TOP OF WALL.

22 FILL DOOR OPENING WITH 8" CMU.

23 1 LAYER OF 5/8" GYPSUM BOARD OVER EXISTING WALL.

24 MOP SINK, REFER TO PLUMBING DRAWINGS.

25 PATCH BRICK WITH SALVAGED BRICK WHERE RADIANT HEAT PIPING IS REMOVED (TYPICAL AT EACH BRICK PILASTER).

26 ALTERNATE: REMOVE PORTION OF PLYWOOD SOFFIT AND REINSTALL EXISTING OR NEW PLYWOOD AS REQUIRED FOR INSTALLATION OF ROOF DRAINS.

27 ALTERNATE: PAINT PLYWOOD SOFFIT AROUND ENTIRE PERIMETER OF BUILDING.

28 PATCH DUCT OPENING WITH 8" CMU.

29 BRONZE PLAQUE. COORDINATE MOUNTING LOCATION WITH OWNER.

30 EXISTING CONCRETE EQUIPMENT PAD TO REMAIN.

31 ALTERNATE: NEW CONCRETE EQUIPMENT PAD. REFER TO STRUCTURAL DRAWINGS.

32 KEY BOX (KNOX VAULT). COORDINATE FINAL LOCATION AND HEIGHT WITH LOCAL FIRE MARSHAL AND OWNER.

PLAN LEGEND:

XX INDICATES WINDOW SYSTEM. REFER TO A-600 SERIES DRAWINGS FOR ELEVATIONS AND DETAILS.

XX INDICATES PARTITION TYPE. REFER TO SHEET G-301.

C GYPSUM BOARD CONTROL JOINT ('V'-SHAPED).

PLAN NOTES:

1. CONCRETE STOOP/VOID SLAB. REFER TO STRUCTURAL DRAWINGS.
2. DASHED LINE INDICATES TYPICAL BULKHEAD. REFER TO SECTIONS AND REFLECTED CEILING PLANS (ALL BULKHEADS MAY NOT BE INDICATED ON THIS PLAN).
3. AT FIRST FLOOR LEVEL, PATCH CONCRETE FLOOR OPENING WHERE EXISTING MECHANICAL SUPPLY/RETURN IS REMOVED. REFER TO STRUCTURAL DRAWINGS FOR PATCHING REQUIREMENTS.
4. REMOVE VINYL BASE AND INSTALL 3/4" TREATED PLYWOOD OVER KICK WITH SEALANT AROUND THE PERIMETER AS REQUIRED TO CLOSE OFF RETURN AIR OPENING.
5. PUSH PAD FOR ADA OPERATOR. REFER TO ELECTRICAL DRAWINGS.
6. CARD/FOB READER. REFER TO ELECTRICAL DRAWINGS.
7. FIRST RESPONDER FOB/PROXIMITY READER. REFER TO ELECTRICAL DRAWINGS.
8. FIRE ALARM ANNUNCIATOR PANEL. REFER TO ELECTRICAL DRAWINGS.
9. FIRE ALARM CONTROL PANEL. REFER TO ELECTRICAL DRAWINGS.
10. ELECTRIC BOTTLE FILLER. REFER TO PLUMBING DRAWINGS.
11. ACCESSIBLE BOTTLE FILLER. REFER TO PLUMBING DRAWINGS.
12. CABINET HEATER. REFER TO MECHANICAL DRAWINGS.
13. ROOF CONDUCTOR. REFER TO PLUMBING DRAWINGS.
14. LINE OF EXISTING CANOPY OR OVERHANG ABOVE.
15. SEMI-RECESSED FIRE EXTINGUISHER CABINET. (2 / A-501)
16. RECESSED FIRE EXTINGUISHER CABINET. (3 / A-501)
17. EXISTING FIRE EXTINGUISHER (WALL MOUNTED) TO REMAIN.
18. PROVIDE 4" HIGH CONCRETE EQUIPMENT PAD UNDER EQUIPMENT. VERIFY SIZE AND LOCATION WITH MECHANICAL AND ELECTRICAL TRADES.
19. INSTALL 6" CMU FROM FLOOR TO BOTTOM OF ROOF DECK AT THIS LOCATION.
20. FILL GAP BETWEEN TOP OF CMU WALL AND BOTTOM OF ROOF DECK WITH 6" CMU OR MORTAR IS REQUIRED FOR FIRE BARRIER.

GENERAL PLAN NOTES

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

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

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

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

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

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

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

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

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

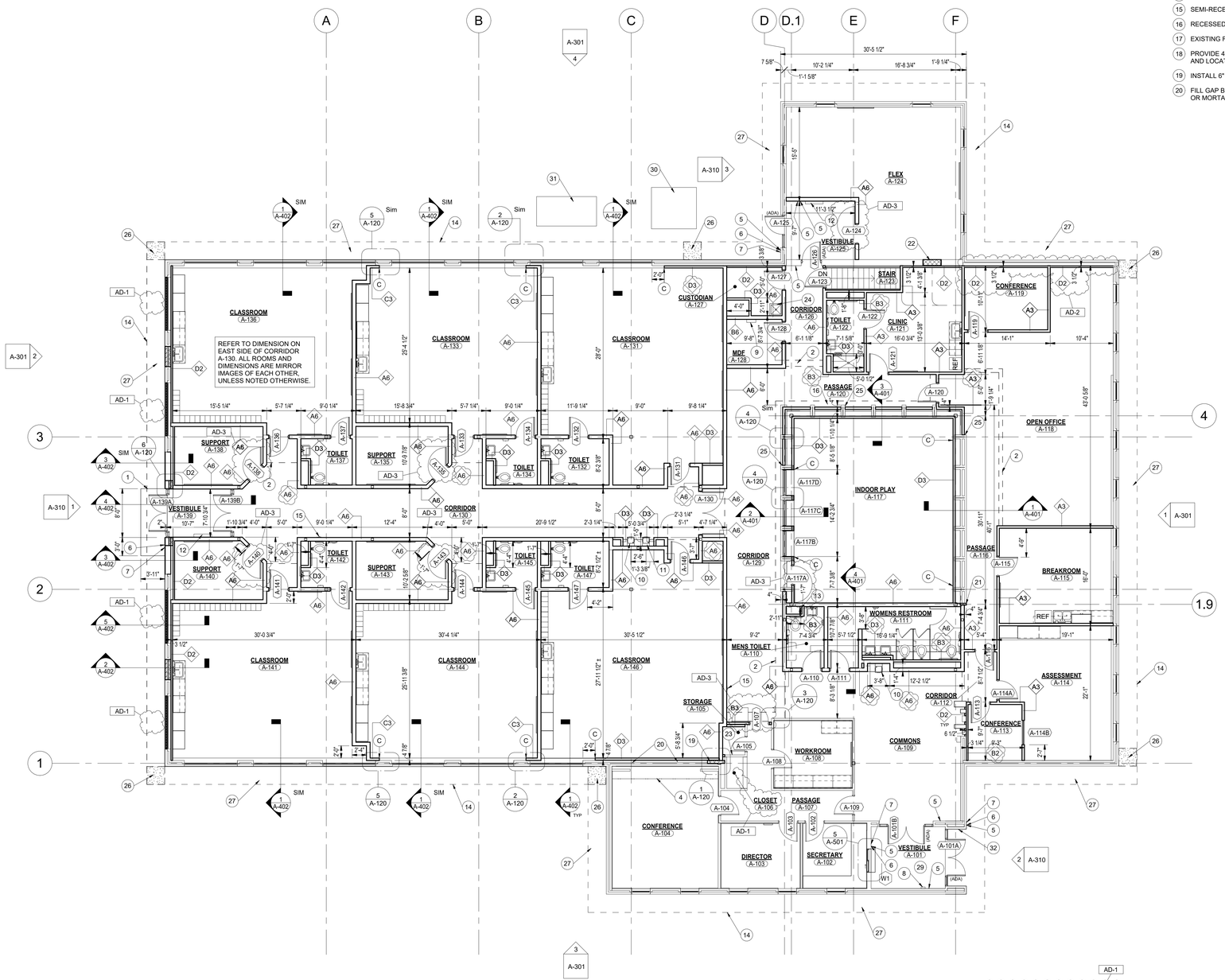
J. REFER TO FINISH PLANS FOR LOCATION AND EXTENT OF FINISHED FLOOR AND WALL MATERIAL.

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

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

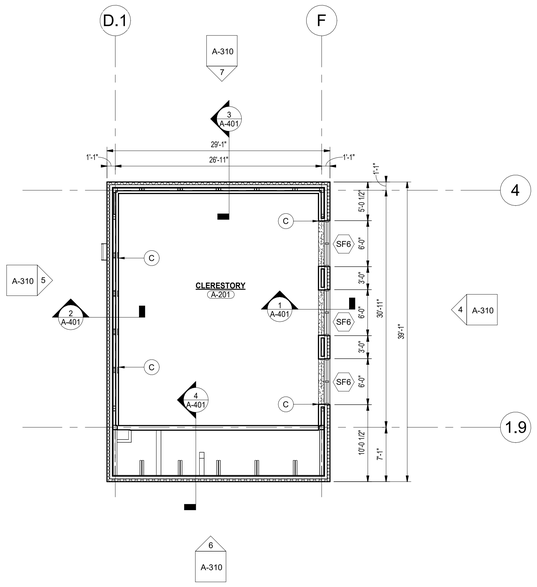
M. REFER TO EQUIPMENT PLANS FOR CASEWORK, DISPLAY BOARDS, LOCKERS, AND OTHER ADDITIONAL TYPICAL EQUIPMENT NOTES AND INFORMATION.

N. REFER TO EQUIPMENT PLANS FOR REFERENCE TO ENLARGED TOILET ROOM PLANS AND TOILET ACCESSORIES.



1 / A-101 **ARCHITECTURAL FIRST FLOOR PLAN**
1/8" = 1'-0"

AD-1 INDICATES PARTITION TYPES CHANGED IN THIS ADDENDUM



2 / A-101 **ARCHITECTURAL CLERESTORY PLAN**
1/8" = 1'-0"

GIBRALTAR DESIGN
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

PROJECT:

EARLY LEARNING CENTER ADDITION AND RENOVATION

Tippecanoe School Corporation

111 Walter Scholer Dr, Lafayette, IN 47909

CONSTRUCTION DOCUMENTS

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PROJECT 25-147
DATE 07/09/2025
COORDINATED BY GWT
DRAWN BY PCD
CHECKED BY GWT

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

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AD-1	07/23/25	ADDENDUM #1
AD-2	07/30/25	ADDENDUM #2
AD-3	08/01/25	ADDENDUM #3

DRAWING
ARCHITECTURAL FIRST FLOOR PLAN

PROJECT
EARLY LEARNING CENTER ADDITION AND RENOVATION

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A-101

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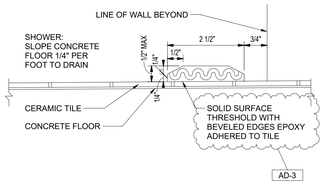
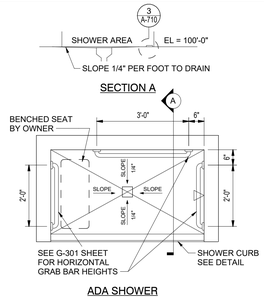


3 A-710 SHOWER THRESHOLD

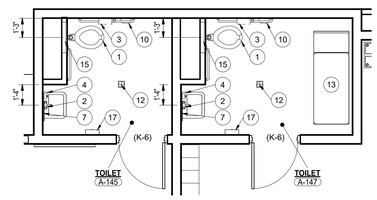
6" = 1'-0"



ADA SHOWER

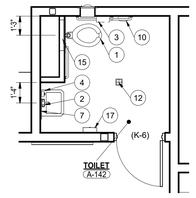
2 A-710 ACCESSIBLE SHOWER

1/2" = 1'-0"



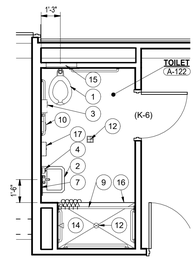
7 A-710 ENLARGED CLASSROOM TOILET ROOM PLAN

1/4" = 1'-0"



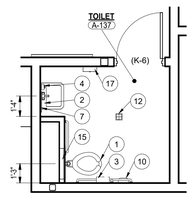
6 A-710 ENLARGED CLASSROOM TOILET ROOM PLAN

1/4" = 1'-0"



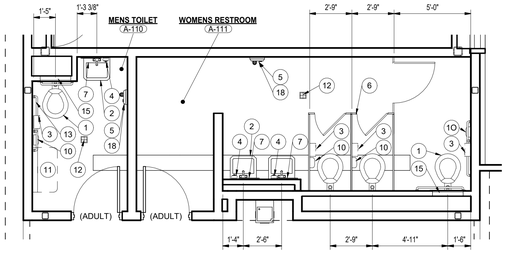
9 A-710 ENLARGED CLINIC TOILET ROOM PLAN

1/4" = 1'-0"



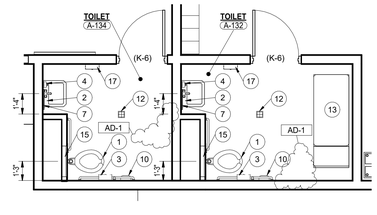
5 A-710 ENLARGED CLASSROOM TOILET ROOM PLAN

1/4" = 1'-0"



8 A-710 ENLARGED RESTROOM PLAN

1/4" = 1'-0"



4 A-710 ENLARGED CLASSROOM TOILET ROOM PLAN

1/4" = 1'-0"

GENERAL RESTROOM NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC., REFER TO SHEET G-301.

B. DEPTH OF ALL TOILET ENCLOSURES SHALL BE A MINIMUM OF 5'-0" CLEAR INSIDE DIMENSION UNLESS NOTED OTHERWISE.

C. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES.

D. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS.

E. COORDINATE HEIGHT OF GRAB BAR WITH TANK ON FLUSH VALVE OF WALL MOUNTED WATER CLOSET.

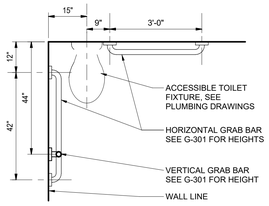
F. INSTALL LAVATORIES AND URINALS AT 2'-6" ON CENTER MINIMUM UNLESS NOTED OTHERWISE.

G. REFERENCE FINISH PLANS FOR FINISH INFORMATION.

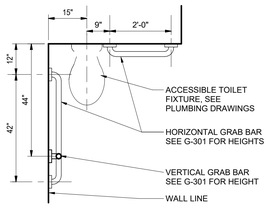
H. FOR MOUNTING HEIGHTS REFER TO SHEET G-301

PLAN NOTES:

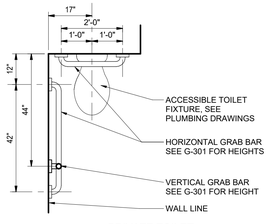
1. ACCESSIBLE FACILITIES. (1 / A-710)
2. ACCESSIBLE FIXTURE (LAVATORY/URINAL). SEE PLUMBING DRAWINGS.
3. TOILET PAPER HOLDER. (CFCI)
4. SOAP DISPENSER. (OFCI)
5. AUTOMATIC ELECTRIC HAND DRYER. REFER TO ELECTRICAL DRAWINGS FOR POWER CONNECTION.
6. TOILET PARTITION.
7. 1'-4" W x 2'-6" H MIRROR. (AD-1)
8. NOT USED
9. SHOWER ROD AND CURTAIN
10. FEMININE NAPKIN DISPOSAL.
11. BABY CHANGING TABLE.
12. FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
13. CHANGING TABLE BY OWNER.
14. ACCESSIBLE SHOWER. (2 / A-710)
15. 24"x24" ACCESS PANEL WITH TOP AT 5'-4" ABOVE FLOOR
16. SHOWER THRESHOLD. (3 / A-710)
17. PAPER TOWEL DISPENSER. (OFCI)
18. INSTALL WALL SPLASH GUARD BELOW ELECTRIC HAND DRYER. MOUNT TOP 3" BELOW BOTTOM OF HAND DRYER.



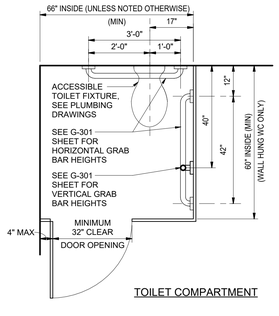
PRIVATE TOILET
ROOMS:A-122



PRIVATE TOILET
ROOMS: A-132, A-134, A-137, A-142, A-145, A-147



PRIVATE TOILET
ROOMS:A-110



TOILET COMPARTMENT

1 A-710 ACCESSIBLE FACILITIES

1/2" = 1'-0"

GIBRALTAR
DESIGN
ARCHITECTURE - ENGINEERING - INTERIOR DESIGN

PROJECT:

EARLY LEARNING CENTER ADDITION AND RENOVATION

Tippecanoe School Corporation

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PROJECT
25-147
DATE
07/09/2025
COORDINATED BY
GWT
DRAWN BY
RGH
CHECKED BY
GWT

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	07/23/25	ADDENDUM #1
AD-3	08/01/25	ADDENDUM #3

DRAWING
ENLARGED TOILET ROOM EQUIPMENT PLANS

PROJECT
EARLY LEARNING CENTER ADDITION AND RENOVATION

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A-710

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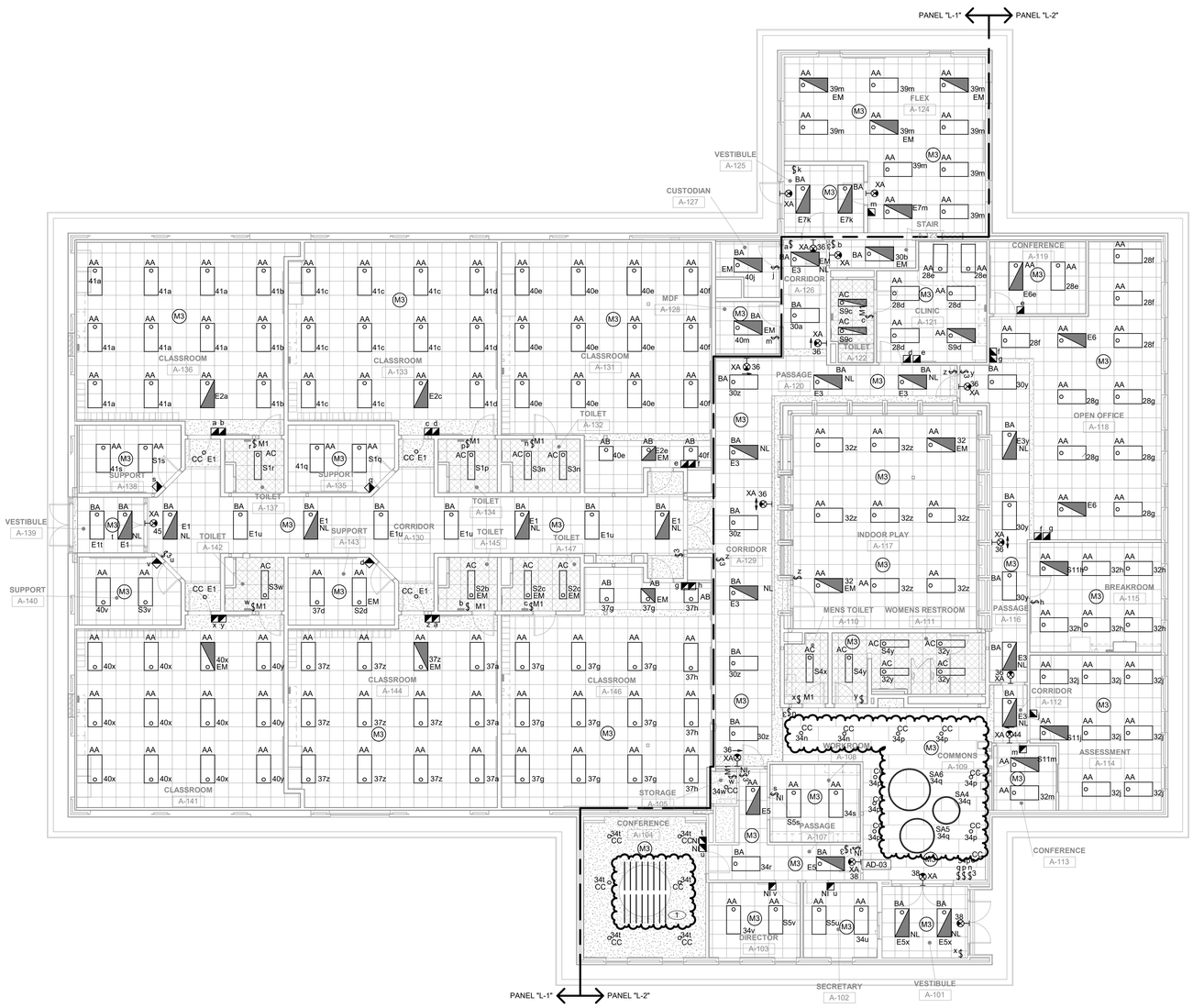
GENERAL NOTES

1. UNLESS OTHERWISE NOTED. EXTERIOR LIGHTING WITH NORMAL CIRCUIT TAG SHALL BE ROUTED TO EXISTING LIGHTING BRANCH CIRCUITS SERVING EXISTING EXTERIOR LIGHTING AND EXISTING TIME CLOCK AND CONTACTORS.
2. VERIFY TEACHING SURFACE WITH OWNER'S REPRESENTATIVE IN FIELD PRIOR TO INSTALLATION AND ADJUST SWITCHING TO PROPERLY ILLUMINATED TEACHING SURFACE.
3. CAREFULLY COORDINATE FINAL SWITCHING WITH FINAL FURNITURE PLANS AND TEACHING WALL LOCATIONS.
4. CIRCUITS WITH AN 'E' PREFIX INDICATES FEED FROM THE EMERGENCY GENERATOR PANEL. CIRCUITS WITH AN 'S' PREFIX INDICATES FEED FROM THE EMERGENCY STANDBY PANEL.

SHEET NOTES

1. REMOVE EXISTING FLUORESCENT LAMPS AND BALLASTS. PROVIDE AND INSTALL NEW T8 LED RETROFIT TUBES (QTY 16) COMPATIBLE WITH NEW LIGHTING CONTROLS. COORDINATE AND VERIFY EXISTING CONDITIONS AND SYSTEM REQUIREMENTS PRIOR TO PROCUREMENT AND INSTALLATION. COLOR TEMP TO MATCH NEW LIGHTING FIXTURES.



1 EL101 **ELECTRICAL LIGHTING FIRST FLOOR PLAN**
1/8" = 1'-0"

NORTH

GIBRALTAR DESIGN
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PROJECT:

EARLY LEARNING CENTER ADDITION AND RENOVATION

Tippecanoe School Corporation

111 Walter Scholer Dr, Lafayette, IN 47909

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PROJECT
25-147
DATE
07/09/2025
COORDINATED BY
SM
DRAWN BY
CJ
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-02	07/30/25	ADDENDUM NO. 2
AD-03	08/01/25	ADDENDUM NO.3

DRAWING
ELECTRICAL LIGHTING FIRST FLOOR PLAN

PROJECT
EARLY LEARNING CENTER ADDITION AND RENOVATION

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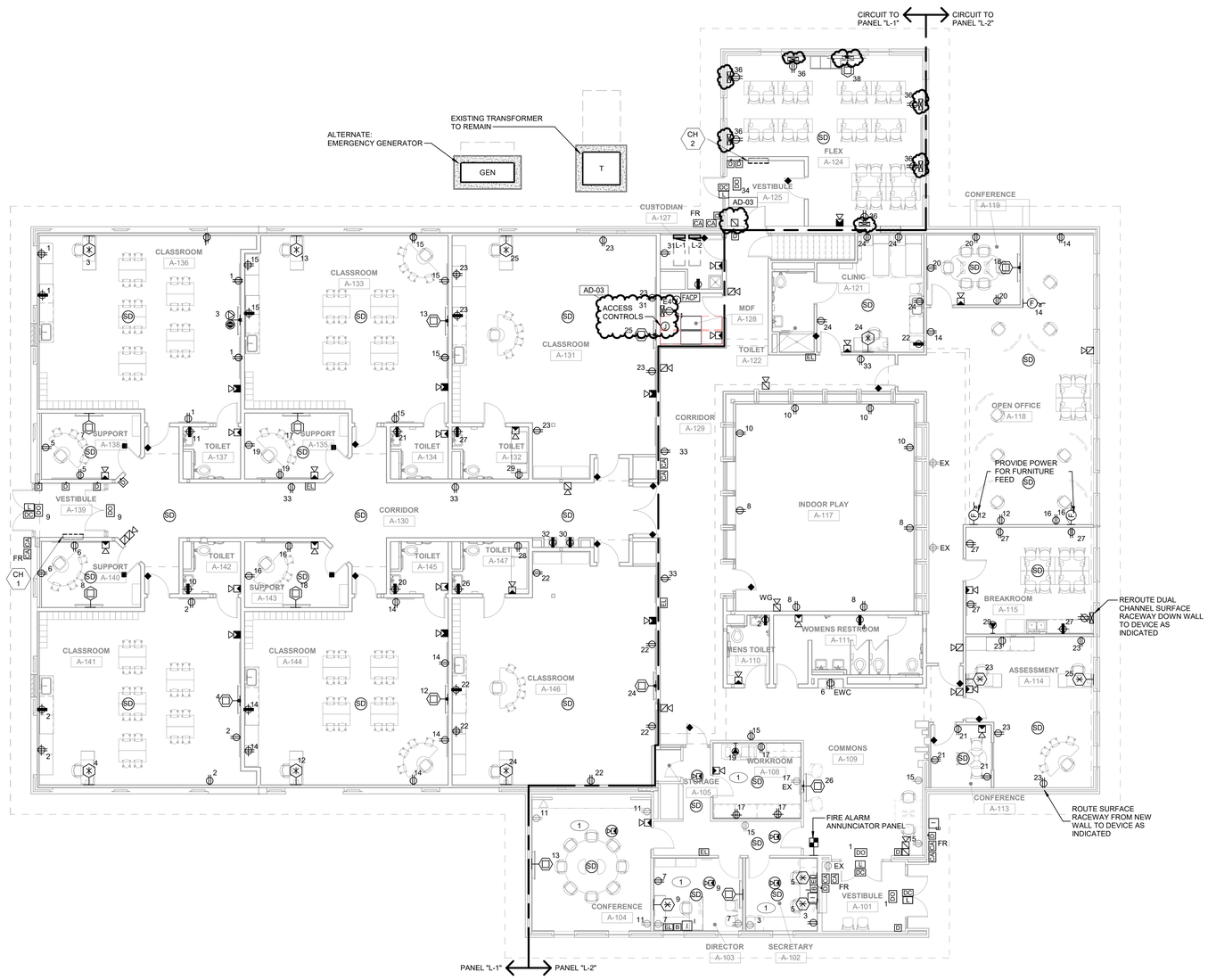
GENERAL NOTES

1. EXISTING MECHANICAL EQUIPMENT TO BE DEMOLISHED. REMOVE EXISTING WIRING BACK TO EXISTING BRANCH PANEL. REFER TO MECHANICAL CONNECTION SCHEDULE FOR NEW CIRCUITING AND WIRING.
2. 20A 120-VOLT RECEPTACLES SHALL BE TAMPER RESISTANT IN ALL CLASSROOMS, CORRIDORS, RESTROOMS AND INDOOR PLAY AREAS.

SHEET NOTES

1. NEW RECEPTACLES AND DEVICES IN THIS SPACE SHALL BE INSTALLED IN EXISTING WOOD PANELING WALLS. CONTRACTOR SHALL REMOVE SECTION OF WOOD PANELING AND CUT OPENING IN WALL AS REQUIRED TO RUN POWER AND LOW VOLTAGE CONCEALED AS INDICATED. REINSTALL WOOD PANELING, COMPLETE AS REQUIRED.



1 / EP101 ELECTRICAL POWER FIRST FLOOR PLAN

1/8" = 1'-0"

NORTH

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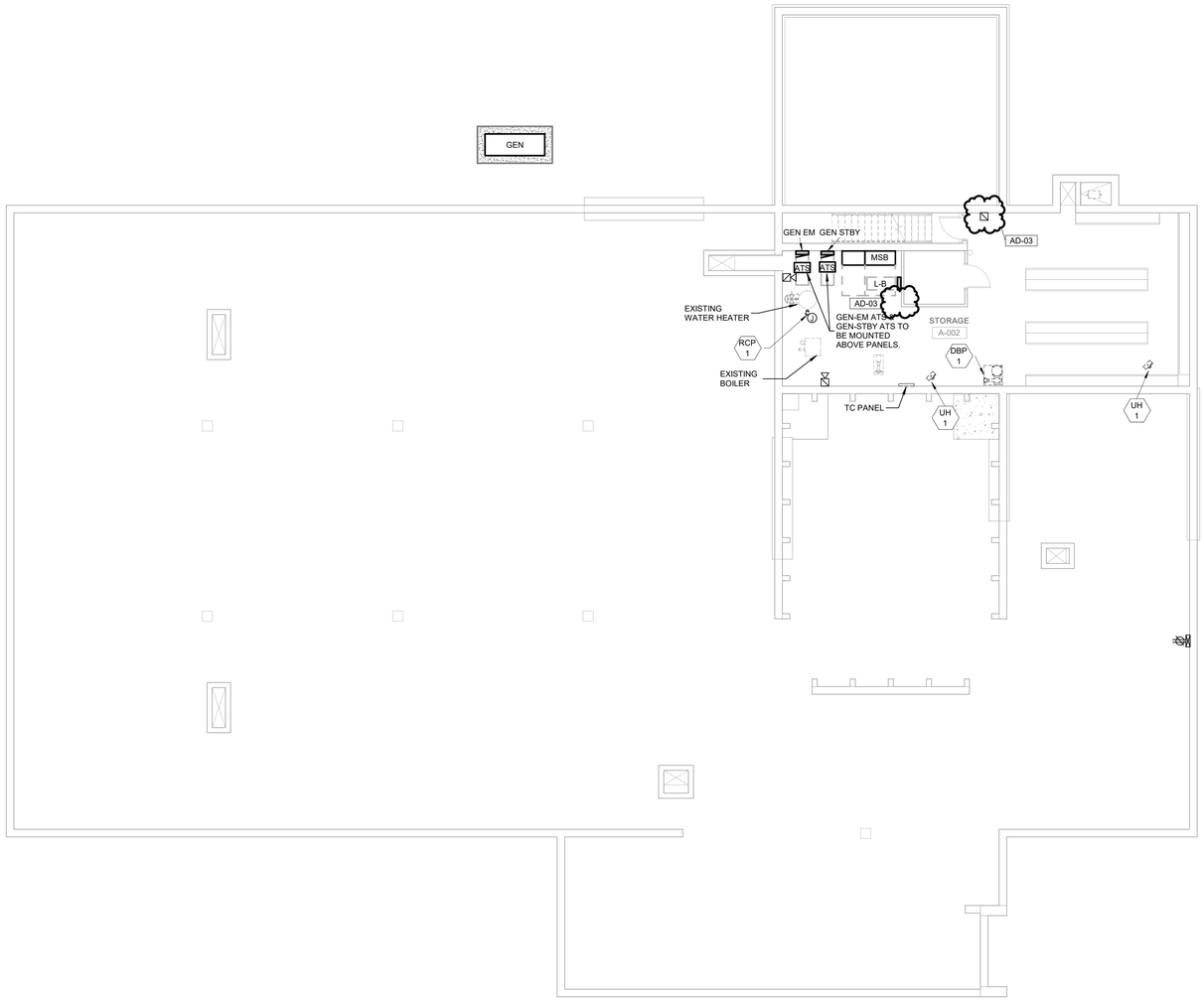

1 EP102 **ELECTRICAL POWER BASEMENT FLOOR PLAN**

1/8" = 1'-0"

NORTH

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AD-03	08/01/25	ADDENDUM NO.3

DRAWING
ELECTRICAL POWER
BASEMENT FLOOR PLAN

PROJECT
EARLY LEARNING CENTER
ADDITION AND RENOVATION

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SHEET
EP102

L-B

LOCATION: STORAGE A-002 **VOLTS:** 120/208 Wye
SUPPLY FROM: MSB **PHASES:** 3
MOUNTING: SURFACE **MAINS TYPE:** MLO
ENCLOSURE: NEMA-1 **MAIN RATING:** 225 A
A.I.C. RATING: 22000 A **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	BOILER		20 A	1	0			192			1	20 A		UH-1	2
3	AC/CU		15 A	2		1144			200		1	20 A		WP RECPT FOR RT-1	4
5							1144			200	1	20 A		WP RECPT FOR RT-1	6
7	BASEMENT LTG		0 A	1	400										8
9															10
11															12
13															14
15															16
17															18
19															20
21															22
23															24
25															26
27															28
29															30
31															32
33															34
35															36
37															38
39															40
41															42

REMARKS:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE
N = NEW DEVICE IN EXISTING PANEL

PANEL TOTALS	
TOTAL CONNECTED LOAD PHASE A:	592 VA
TOTAL CONNECTED LOAD PHASE B:	1344 VA
TOTAL CONNECTED LOAD PHASE C:	1344 VA
TOTAL CONNECTED LOAD:	3280 VA
TOTAL CONNECTED AMPS:	9 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

L-1

LOCATION: CUSTODIAN A-127 **VOLTS:** 120/208 Wye
SUPPLY FROM: MSB **PHASES:** 3
MOUNTING: SURFACE **MAINS TYPE:** MLO
ENCLOSURE: NEMA-1 **MAIN RATING:** 200 A
A.I.C. RATING: 22000 A **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	CLASSRM A-136 RECPT		20 A	1	1600			1000			1	20 A		CLASSRM A-141 RECPT	2
3	CLASSRM A-136 TEACHER		20 A	1		1000			900		1	20 A		CLASSRM A-141 TEACHER	4
5	SUPPORT A-138 RECPT		20 A	1			400			400	1	20 A		SUPPORT A-140 RECEPT	6
7	SUPPORT A-138 TV		20 A	1	400			400			1	20 A		SUPPORT A-140 TV	8
9	VESTIBULE A-139 DOOR...		20 A	1		2400			200		1	20 A		TOILET A-142 RECPT	10
11	TOILET A-132 RECPT		20 A	1			200			900	1	20 A		CLASSROM A-144 TEACHER	12
13	CLASSRM A-133 TEACHER		20 A	1	900			1200			1	20 A		CLASSROM A-144 RECPT	14
15	CLASSRM A-133 RECPT		20 A	1		1600			400		1	20 A		SUPPORT A-143 TV	16
17	SUPPORT A-135 TV		20 A	1			400			400	1	20 A		SUPPORT A-143 RECEPT	18
19	SUPPORT A-135 RECPT		20 A	1	400			200			1	20 A		TOILET A-143 RECEPT	20
21	TOILET A-134 RECPT		20 A	1		200			1200		1	20 A		CLASSRM A-146 RECPT	22
23	CLASSRM A-131 RECPT		20 A	1			1200			900	1	20 A		CLASSROM A-146 TEACHER	24
25	CLASSRM A-131		20 A	1	900			200			1	20 A		TOILET A-147 RECEPT	26
27	TOILET A-143 RECEPT		20 A	1		200			200		1	20 A		A-147 ADJSUTABLE BED	28
29	A-147 ADJSUTABLE BED		20 A	1			200			200	1	20 A	GC	EWC	30
31	MDF A-128 / CUST. A-127 RECPT		20 A	1	600			200			1	20 A	GC	EWC	32
33	CORRIDOR A-130 RECPT		20 A	1		1000			1200		1	20 A		VESTIBULE A-125 DOOR...	34
35	CH-1		20 A	1			240			1200	1	20 A		FLEX 1-124 RECPT	36
37	LIGHTING		20 A	1	1275			400			1	20 A		FLEX 1-124 TV	38
39	LIGHTING		20 A	1		405			1515		1	20 A		LIGHTING	40
41	LIGHTING		20 A	1			585			0	1	20 A	--	SPARE	42
43	EXIT SIGNS		20 A	1	5			0			1	20 A	--	SPARE	44
45	SPARE	--	20 A	1		0			0		1	20 A	--	SPARE	46
47	SPARE	--	20 A	1			0			0	1	20 A	--	SPARE	48
49	SPARE	--	2 A	1	0			0			1	2 A	--	SPARE	50
51	SPARE	--	20 A	1		0			0		1	20 A	--	SPARE	52
53	SPACE	--	--	1			--			--	1	--	--	SPACE	54
55	SPACE	--	--	1	--			--			1	--	--	SPACE	56
57	SPACE	--	--	1		--			--		1	--	--	SPACE	58
59	SPACE	--	--	1			--			--	1	--	--	SPACE	60

AD-03

REMARKS:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE
N = NEW DEVICE IN EXISTING PANEL

PANEL TOTALS	
TOTAL CONNECTED LOAD PHASE A:	9680 VA
TOTAL CONNECTED LOAD PHASE B:	12220 VA
TOTAL CONNECTED LOAD PHASE C:	7720 VA
TOTAL CONNECTED LOAD:	29620 VA
TOTAL CONNECTED AMPS:	82 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

L-2

LOCATION: CUSTODIAN A-127 **VOLTS:** 120/208 Wye
SUPPLY FROM: MSB **PHASES:** 3
MOUNTING: SURFACE **MAINS TYPE:** MLO
ENCLOSURE: NEMA-1 **MAIN RATING:** 200 A
A.I.C. RATING: 22000 A **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	VESTIBULE A-101 DOOR...		20 A	1	2400			200			1	20 A		A-110 RESTROOM RECPT	2
3	SECTRETARY A-102 RECPT		20 A	1		400			200		1	20 A		A-111 RESTROOM RECPT	4
5	SECTRETARY A-102 RECPT		20 A	1			1000			200	1	20 A		COMMONS A-109 RECPT	6
7	DIRECTOR A-103 RECPT		20 A	1	600			800			1	20 A		INDOOR PLAY A-117 RECPT	8
9	DIRECTOR A-103 RECPT		20 A	1		900			800		1	20 A		INDOOR PLAY A-117 RECPT	10
11	CONFERENCE A-104 RECPT		20 A	1			600			200	1	20 A		OPEN OFFICE A-118 RECEPT	12
13	CONFERENCE A-104 TEACHER		20 A	1	400			400			1	20 A		OPEN OFFICE A-118 RECEPT	14
15	COMMONS A-109 RECPT		20 A	1		800			200		1	0 A		OPEN OFFICE A-118 RECEPT	16
17	WORKROOM A-108 RECPT		20 A	1			1000			400	1	20 A		CONFERENCE A-119 TV	18
19	WORKROOM A-108 RECPT		20 A	1	800			600			1	20 A		CONFERENCE A-119 RECPT	20
21	CONDERENCE A-113 RECPT		20 A	1		600			200		1	20 A		CLINIC FRIDGE	22
23	ASSESSMENT A-114 RECPT		20 A	1			1300			1300	1	20 A		CLINIC A-121 RECPT	24
25	ASSESSMENT A-114 TEACHER		20 A	1	500			400			1	20 A		COMMONS A-109 TEACHER	26
27	BREAKROOM A-115 RECPT		20 A	1		1000			675		1	20 A		LIGHTING	28
29	BREAKROOM A-115 FRIDGE		20 A	1			800			405	1	20 A		LIGHTING	30
31	TEF-1		15 A	1	420			1140			1	20 A		LIGHTING	32
33	TEF-2		15 A	1		420			882		1	20 A		LIGHTING	34
35	TEF-3		15 A	1			420			45	1	20 A		EXIT SIGNS	36
37	TEF-4		15 A	1	420			15			1	20 A		EXIT SIGNS	38
39	EXTERIOR LTG		20 A	1		0			168		1	20 A		CH-2	40
41	SPARE	--	20 A	1			0			0	1	20 A	--	SPARE	42
43	SPARE	--	20 A	1	0			0			1	20 A	--	SPARE	44
45	SPARE	--	20 A	1		0			0		1	20 A	--	SPARE	46
47	SPARE	--	20 A	1			0			0	1	20 A	--	SPARE	48
49	SPARE	--	20 A	1	0			0			1	20 A	--	SPARE	50
51	SPACE	--	--	1		--			0		1	20 A	--	SPARE	52
53	SPACE	--	--	1			--			--	1	--	--	SPACE	54
55	SPACE	--	--	1	--			--			1	--	--	SPACE	56
57	SPACE	--	--	1		--			--		1	--	--	SPACE	58
59	SPACE	--	--	1			--			--	1	--	--	SPACE	60

REMARKS:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE
N = NEW DEVICE IN EXISTING PANEL

PANEL TOTALS	
TOTAL CONNECTED LOAD PHASE A:	9095 VA
TOTAL CONNECTED LOAD PHASE B:	7232 VA
TOTAL CONNECTED LOAD PHASE C:	7670 VA
TOTAL CONNECTED LOAD:	23996 VA
TOTAL CONNECTED AMPS:	67 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

MSB

LOCATION: STORAGE A-002 **VOLTS:** 120/208 Wye
SUPPLY FROM: **PHASES:** 3
MOUNTING: SURFACE **MAINS TYPE:** MLO
ENCLOSURE: NEMA-1 **MAIN RATING:** 600 A
AIC RATING: 65000 A **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LOAD Load	LOAD AMPS	OVERCURRENT RATING	OVERCURRENT POLES	ADJ	WIRE SIZE	CONDUIT SIZE	LENGTH	REMARKS
1	L-B	3280 VA	9 A	0 A	3				27' - 1...	
2	L-1	29620 VA	82 A	0 A	3				44' - 10...	
3	L-2	23996 VA	67 A	0 A	3				42' - 7...	
4	RT-1	71333 VA	343 A	250 A	2				158' - 0...	
5	RT-2	35299 VA	170 A	150 A	2				96' - 1...	
6	GEN EM	2014 VA	6 A	0 A	3				17' - 5...	
7	GEN STBY	1645 VA	5 A	0 A	3				14' - 1...	
8										
9										
10										
11										
12										
13										
14										
15										
16										
17										
18										
19										
20										
21										

TOTAL CONNECTED LOAD:	167186...	464 A
TOTAL LOAD PHASE A:	38240 VA	319 A
TOTAL LOAD PHASE B:	57811 VA	507 A
TOTAL LOAD PHASE C:	71135 VA	618 A

REMARKS:
1. PROVIDE INTEGRAL TVSS PER SPECIFICATIONS
2. MAIN CIRCUIT BREAKER SHALL FEATURE SOLID-STATE ELECTRONIC TRIP AND GROUND FAULT PROTECTION
3. BRANCH CIRCUIT BREAKERS SHALL FEATURE SOLID-STATE ELECTRONIC TRIP
4. COMPLETE SPECIFIED FAULT CURRENT AND COORDINATION STUDY BEFORE SWITCHBOARD SUBMITTAL
5. SEE ONE-LINE DIAGRAM FOR ADDITIONAL NOTES

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

GEN EM

LOCATION: STORAGE A-002 **VOLTS:** 120/208 Wye
SUPPLY FROM: MSB **PHASES:** 3
MOUNTING: SURFACE **MAINS TYPE:** MLO
ENCLOSURE: NEMA-1 **MAIN RATING:** 60 A
A.I.C. RATING: 22000 A **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
E1	LIGHTING		20 A	1	565			140			1	20 A		LIGHTING	E2
E3	LIGHTING		20 A	1		360			50		1	20 A		SPARE	E4
E5	LIGHTING		20 A	1			180			135	1	20 A		LIGHTING	E6
E7	LIGHTING		0 A	1	135										E8
E9															E10
E11															E12
E13															E14
E15															E16
E17															E18
E19															E20
E21															E22
E23															E24
E25															E26
E27															E28
E29															E30
E31															E32
E33															E34

AD-03

REMARKS:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE
N = NEW DEVICE IN EXISTING PANEL

PANEL TOTALS	
TOTAL CONNECTED LOAD PHASE A:	840 VA
TOTAL CONNECTED LOAD PHASE B:	860 VA
TOTAL CONNECTED LOAD PHASE C:	315 VA
TOTAL CONNECTED LOAD:	2014 VA
TOTAL CONNECTED AMPS:	6 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

GEN STBY

LOCATION: STORAGE A-002 **VOLTS:** 120/208 Wye
SUPPLY FROM: MSB **PHASES:** 3
MOUNTING: SURFACE **MAINS TYPE:** MLO
ENCLOSURE: NEMA-1 **MAIN RATING:** 60 A
A.I.C. RATING: 22000 A **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
S1	LIGHTING		20 A	1	190			195			1	20 A		LIGHTING	S2
S3	LIGHTING		20 A	1		195			150		1	20 A		LIGHTING	S4
S5	LIGHTING		20 A	1			135			500	1	20 A		RECIRC PUMP	S6
S7	TC PANEL		20 A	1	0										S8
S9	LIGHTING		0 A	1		145									S10
S11	LIGHTING		0 A	1			135								S12
S13															S14
S15															S16
S17															S18
S19															S20
S21															S22
S23															S24
S25															S26
S27															S28
S29															S30
S31															S32
S33															S34

REMARKS:
GC = PROVIDE GFI CIRCUIT BREAKER
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LO = PROVIDE LOCKABLE DEVICE
N = NEW DEVICE IN EXISTING PANEL

PANEL TOTALS	
TOTAL CONNECTED LOAD PHASE A:	385 VA
TOTAL CONNECTED LOAD PHASE B:	490 VA
TOTAL CONNECTED LOAD PHASE C:	770 VA
TOTAL CONNECTED LOAD:	1645 VA
TOTAL CONNECTED AMPS:	5 A

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DRAWING
ELECTRICAL SCHEDULES

PROJECT
EARLY LEARNING CENTER ADDITION AND RENOVATION

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E-501

8/1/2025 10:42:30 AM
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TYPE	DESCRIPTION	MANUFACTURER	SERIES OR CATALOG NUMBER	LAMP	COLOR TEMP	MIN LUMENS	MAX WATTS	VOLTS	CONTROL	MOUNTING TYPE	MOUNTING HEIGHT	REMARKS
AA	2'X4' RECESSED VOLUMETRIC LED FIXTURE WITH TUNABLE WHITE FOR CLASSROOMS	METALUX	24EN-LD2-67-UNV-840-U	LED	4000K	6700 LM	57 W	120/277V	0-10V	RECESSED LAY-IN	--	---
AB	2'X2' RECESSED VOLUMETRIC LED FIXTURE WITH TUNABLE WHITE FOR CLASSROOMS	METALUX	22EN-LD2-34-UNV-840-U	LED	4000K	3200LM	26 W	120/277V	0-10V	RECESSED LAY-IN	--	---
AC	1'X4' RECESSED VOLUMETRIC LED FIXTURE WITH TUNABLE WHITE FOR CLASSROOMS	METALUX	14EN-LD2-XX-UNV-840-U	LED	4000K	4114 LM	33 W	120/277V	0-10V	RECESSED LAY-IN	--	---
BA	2'X4' RECESSED VOLUMETRIC LED FIXTURE	METALUX	24CZ2-40-UNV-L940-CD1-U	LED	4000K	3000 LM	25 W	120/277V	0-10V	RECESSED LAY-IN	--	---
CC	6" DIAMETER LED OPEN DOWNLIGHT WITH SEMI-SPECULAR REFLECTOR AND WHITE FLANGE	HALO LITHONIA PRESCOLITE	LDN6-40-15-LO6-AR-LSS-TRW-MVOLT-GZ1 HC6XD010-HM6XX835-61WDHWF LTR-6RD-H-XXXXL-DM1-LTR-6RD-T-XX35K8WD-SSWT	LED	4000K	500 LM	43 W	120/277V	0-10V	RECESSED LAY-IN/ DRYWALL	--	---
SA4	4' DIAMETER DECORATIVE RING LIGHT	LUMENWERX	#CURV2RIS-D-4FT-HLO-FS-90CRI-500LMF-40K-12V	LED	4000K	50000LM	150 W	120/277V	0-10V	SURFACE	--	--
SA5	5' DIAMETER DECORATIVE RING LIGHT	LUMENWERX	#CURV2RIS-D-5FT-HLO-FS-90CRI-500LMF-40K-12V	LED	4000K	50000LM	190 W	120/277V	0-10V	SURFACE	--	---
SA6	6' DIAMETER DECORATIVE RING LIGHT	LUMENWERX	#CURV2RIS-D-6FT-HLO-FS-90CRI-750LMF-40K-12V	LED	4000K	72000LM	235 W	120/277V	0-10V	SURFACE	--	--
SB	8' SURFACE MOUNTED LED WRAPAROUND FIXTURE WITH CURVED SMOOTH DIFFUSER	LITHONIA METALUX ILP	BLWP8-XXL-ADSM-GZ1-LP835 8AWS-L3C3-UNV SQ8-XL-U-35	LED	3500K	3500 LM	37 W	120/277V	0-10V	SURFACE	--	--
EG	LED POLE MOUNTED AREA LIGHITNG FIXTURE	LITHONIA VIPER	DSX1-P340K-T2M-MVOLT-XX-XX VP-2-320L 170L-340-4K7-3-UNV-ASQU-BLT-BC	LED	4000K	15000	102 W	120/277V	0-10V	POLE	--	---
XA	LED DIE-CAST ALUMINUM SINGLE FACE EXIT SIGN, GREEN LETTERING, BRUSHED ALUMINUM, NICAD BATTERY, SELF-DIAGNOSTICS	SURELITES LITHONIA DUAL LITE	CX71SD LE-S-1-G-ELN-SD SESRWEI	LED	---	---	1 W	120/277V	---	WALL/CEILING	--	
XB	LED DIE-CAST ALUMINUM DUAL FACE EXIT SIGN, GREEN LETTERING, BRUSHED ALUMINUM, NICAD BATTERY, SELF-DIAGNOSTICS	SURELITES LITHONIA DUAL LITE	CX72SD LE-S-2-G-ELN-SD SEDRWEI	LED	---	---	1 W	120/277V	---	WALL/CEILING	--	

AD-03

MECHANICAL EQUIPMENT CONNECTION SCHEDULE

TAG	DESCRIPTION	LOAD WATTS	LOAD HP	LOAD MCA	LOAD FLA	MOCP	VOLT	PHASE	PANEL	CKT. NO.	FEEDER CABLE	FEEDER CONDUIT	DISCONNECT SWITCH SIZE	DISCONNECT SWITCH FUSE	DISCONNECT SWITCH PROV. BY M.C./P.C.	DISCONNECT SWITCH PROV. BY E.C.	STARTER TYPE	STARTER PROV. BY: M.C./P.C.	STARTER PROV. BY: E.C.	REMARKS
AC / CU-1	AC / CONDENSING UNIT	2288		11		15	208	1	L-B	3,5								X		
DBP-1	DOMESTIC BOOSTER PUMP				9.1		208	3		<unnamed>										
EWC-1					5		120	1												
RCP-1	RECIRCULATION PUMP	0			2.1		120	1												
RT-1	ROOF TOP UNIT	71333		198		250	208	3	MSB	4								X		
RT-2	ROOF TOP UNIT	35299		120		150	208	2		<unnamed>								X		
TEF-1	TOILET EXHAUST FAN	420		3.5		15	120	1	L-2	31									X	
TEF-2	TOILET EXHAUST FAN	420		3.5		15	120	1	L-2	33									X	
TEF-3	TOILET EXHAUST FAN	420		3.5		15	120	1	L-2	35									X	
TEF-4	TOILET EXHAUST FAN	420		3.5		15	120	1	L-2	37									X	
UH-1	UNIT HEATER	96			0.8	15	120	1	L-B	2								X		
UH-1	UNIT HEATER	96			0.8	15	120	1	L-B	2								X		

NEW SHEET ADDED TO CONSTRUCTION DOCUMENTS IN THIS ADDENDUM

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PROJECT:

EARLY LEARNING CENTER ADDITION AND RENOVATION

Tippecanoe School Corporation

111 Walter Scholer Dr, Lafayette, IN 47909

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Homepage: www.GibraltarDesign.com
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PROJECT
25-147
DATE
07/09/2025
COORDINATED BY
SM
DRAWN BY
CJ
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-01	07/23/25	ADDENDUM NO. 1
AD-02	07/30/25	ADDENDUM NO. 2
AD-03	08/01/25	ADDENDUM NO.3

DRAWING
ELECTRICAL SCHEDULES

PROJECT
EARLY LEARNING CENTER ADDITION AND RENOVATION

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SHEET
E-502

8/1/2025 10:42:31 AM
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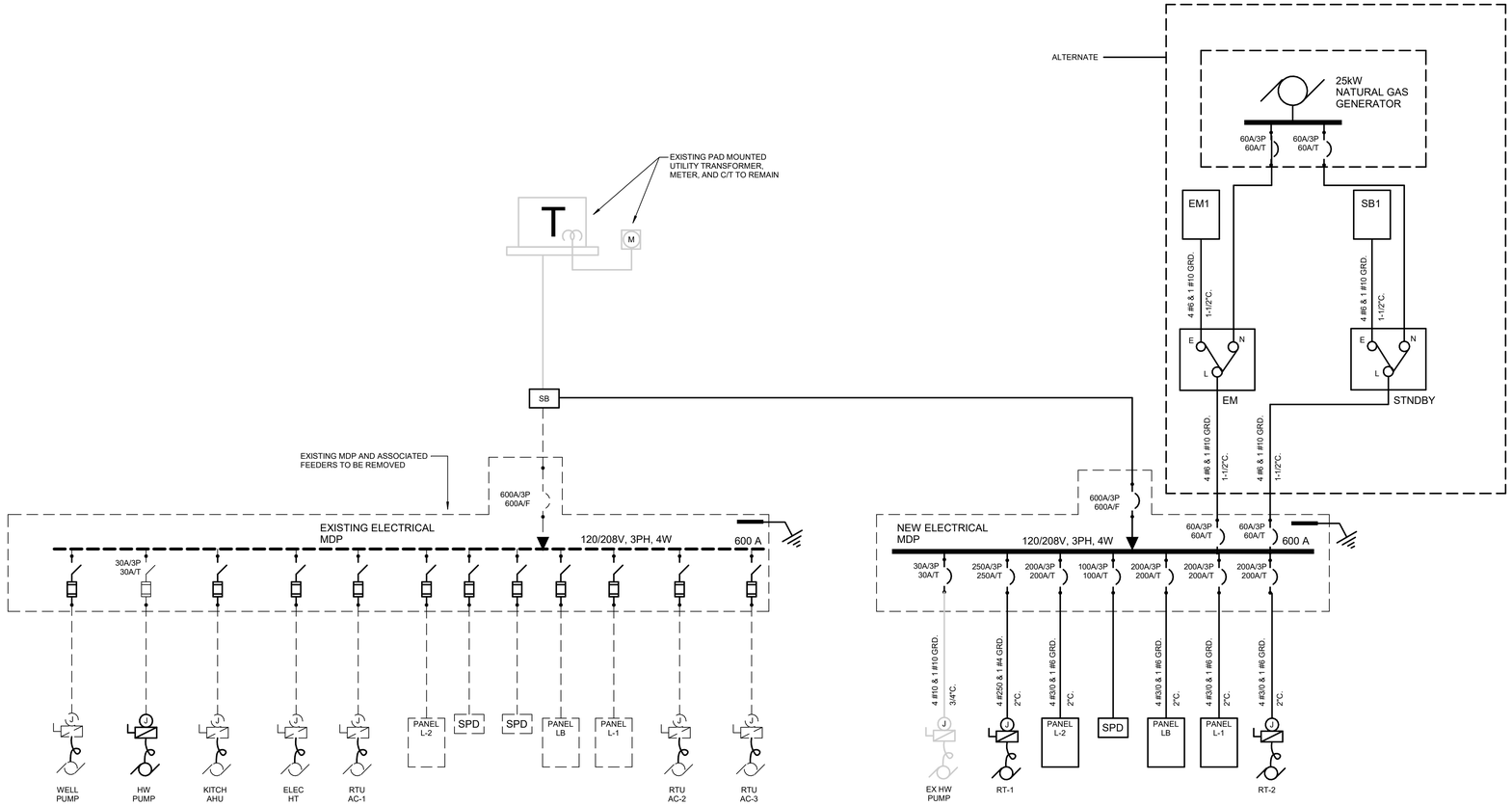
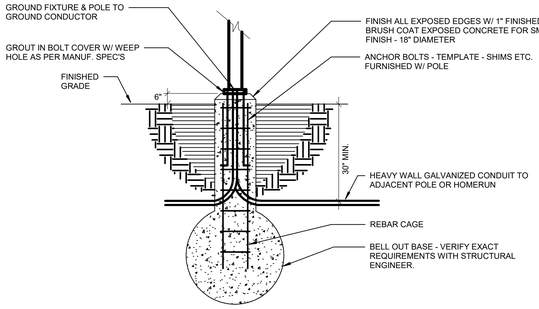


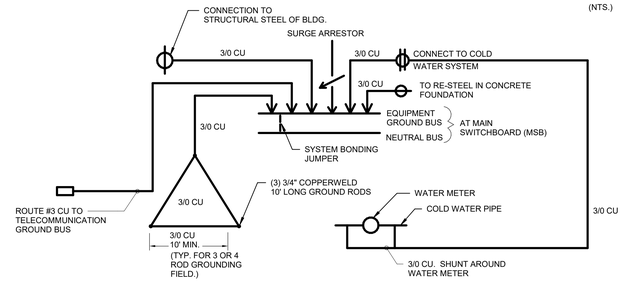
POLE BASE DETAIL



NOTE: VERIFY EXACT CONSTRUCTION OF POLE BASE WITH STRUCTURAL ENGINEER PRIOR TO INSTALLATION.

GROUNDING DETAIL

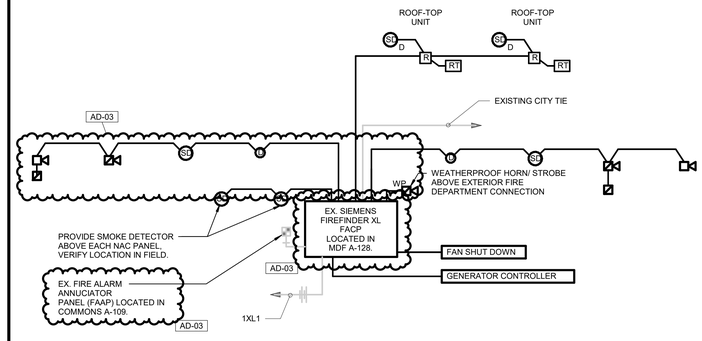
(NTS.)



NOTES:

1. CONTRACTOR SHALL FOLLOW THIS DETAIL FOR PROPER GROUNDING CONNECTIONS, INCLUDING FURNISH AND INSTALL ALL CONDUCTORS AND EQUIPMENT SUCH AS GROUND RODS, SURGE ARRESTOR, GROUND BUS, ETC. TO PROPERLY GROUND/BOND ALL EQUIPMENT.
2. SYSTEM GROUNDING FOR INTERIOR DISTRIBUTION TRANSFORMERS SHALL BE MADE TO A GROUNDING ELECTRODE AS NEAR AS PRACTICAL TO, AND PREFERABLY IN THE SAME AREA AS, THE TRANSFORMER. THE ELECTRODE SHALL BE THE NEAREST OF A METAL WATER PIPE GROUNDING ELECTRODE OR STRUCTURAL METAL GROUNDING ELECTRODE.
3. GROUNDING ELECTRODE RESISTANCE SHALL BE 25 OHMS OR LESS. SHOULD THE MEASURED RESISTANCE BE HIGHER THAN 25 OHMS, ADDITIONAL SUPPLEMENTAL ELECTRODES SHALL BE PROVIDED AS REQUIRED TO REACH A RESISTANCE TO EARTH OF 25 OHMS OR LESS.
4. IN ADDITION TO THE ABOVE DEPICTED CONNECTIONS, CONTRACTOR SHALL PROVIDE ALL GROUND RODS, GROUND GRIDS, AND OTHER GROUNDING ELECTRODES AS REQUIRED BY THE UTILITY COMPANY AND MAKE CONNECTIONS TO UTILITY EQUIPMENT PER UTILITY COMPANY STANDARDS.

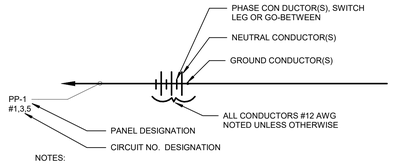
FIRE ALARM SCHEMATIC RISER DIAGRAM



NOTES:

1. THIS DIAGRAM IS SCHEMATIC ONLY AND DOES NOT SHOW ALL FIRE ALARM DEVICES, AIR HANDLING UNITS, ROOF-TOP UNITS OR FIRE PROTECTION DEVICES - REFER TO ALL PLANS AND SPECIFICATIONS FOR QUANTITIES, LOCATION, ACCEPTABLE MANUFACTURERS, ETC.
2. ELECTRICAL CONTRACTOR SHALL FURNISH DUCT SMOKE DETECTORS. MECHANICAL CONTRACTOR SHALL INSTALL DUCT SMOKE DETECTOR AND ELECTRICAL CONTRACTOR SHALL MAKE FINAL WIRING CONNECTIONS AS REQUIRED. REFER TO MECHANICAL DRAWINGS FOR EXACT LOCATIONS AND QUANTITIES OF DUCT SMOKE DETECTORS.
3. ELECTRICAL CONTRACTOR SHALL PROVIDE INTERLOCKING BETWEEN DUCT SMOKE DETECTORS, FIRE ALARM CONTROL PANEL, AIR HANDLING UNITS, ROOF-TOP UNITS, ANSUL SYSTEM AND FAN SHUT DOWN RELAYS SO THAT UPON ACTIVATION OF FIRE ALARM SYSTEM, ALL AIR HANDLING EQUIPMENT AND SMOKE/FIRE DAMPER SHALL SHUT DOWN. ALL AIR HANDLING EQUIPMENT SHALL START AUTOMATICALLY (AND SEQUENTIALLY) UPON RESETTING OF THE FIRE ALARM SYSTEM.
4. ELECTRICAL CONTRACTOR SHALL CONNECT SMOKE/FIRE DAMPERS THROUGHOUT FACILITY TO CLOSE DAMPERS UPON ACTIVATION/ALARM OF SMOKE DUCT DETECTOR MOUNTED IN DUCT AHEAD OF RESPECTIVE DAMPER OR LOCAL SMOKE DETECTORS, COMPLETE AS REQUIRED. VERIFY LOCATION AND QUANTITIES ON MECHANICAL AND ARCHITECTURAL PLANS AND IN FIELD. INTERLOCK SMOKE DUCT DETECTORS AND DAMPERS WITH FIRE ALARM CONTROL PANEL, COMPLETE AS REQUIRED.
5. PROVIDE ADDITIONAL PARTS, ACCESSORIES, CARDS, ETC. AS REQUIRED TO COMPLETE THE WORK. FIRE ALARM DEVICES SHALL BE CONNECTED TO THE FIRE ALARM POWER SUPPLY AND BATTERIES OF THE SYSTEM AND SHALL NOT BE CONNECTED TO NORMAL POWER.
6. PROVIDE ALL RELAYS AND DEVICES AS REQUIRED TO MONITOR GENERATOR STATUS INCLUDING GENERATOR RUNNING AND GENERATOR TROUBLE.

KEY TO ELECTRICAL CIRCUIT WIRING

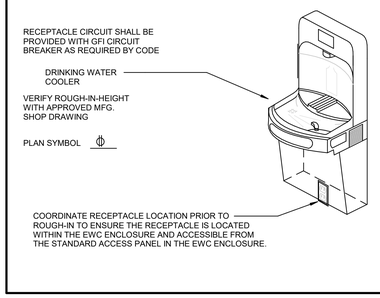


NOTES:

1. ALL WIRING SHALL BE #12 AWG, UNLESS OTHER WISE NOTED.
2. MINIMUM CONDUIT SIZE SH ALL BE ¾" EXCEPT FOR THREE (3) WIRES OR LESS, OR CONTROL WIRING WITHIN BUILDINGS, WHICH MAY BE ½" CONDUIT.
3. ½" FLEXSTEEL, GREENFIELD OR SEALITE SHALL BE THE MINIMUM SIZE INSTALLED.

WATER COOLER WIRING DETAIL

(NTS.)



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PROJECT
25-147
DATE
07/09/2025
COORDINATED BY
SM
DRAWN BY
CJ
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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AD-01	07/23/25	ADDENDUM NO. 1
AD-02	07/30/25	ADDENDUM NO. 2
AD-03	08/01/25	ADDENDUM NO.3

DRAWING
ELECTRICAL DETAILS & DIAGRAMS

PROJECT
EARLY LEARNING CENTER ADDITION AND RENOVATION

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SHEET
E-601

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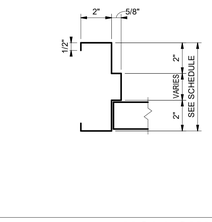
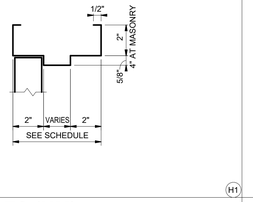
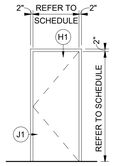




4 / A-601 HOLLOW METAL FRAME PROFILES (HM)

3" = 1'-0"



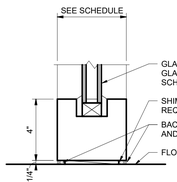
HM1

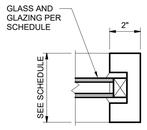
3 / A-601 HOLLOW METAL FRAME ELEVATIONS (HM)

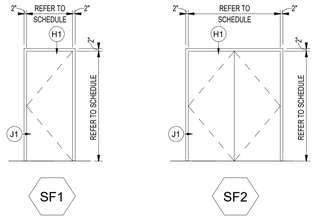
1/4" = 1'-0"

NOTES - HOLLOW METAL (HM)

1. FOR HOLLOW METAL HEAD, JAMB AND SILL DETAILS REFER TO WALL SECTIONS AND HOLLOW METAL (HM) FRAME PROFILES 4 / A-601.
2. PROVIDE SEALANT AROUND PERIMETER OF ALL FRAMES.
3. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
4. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. SEE ROOM FINISH SCHEDULE FOR WALL FINISHES.
5. PROVIDE GLAZING AND GLASS STOPS.

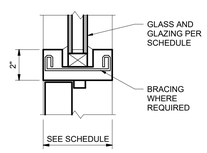


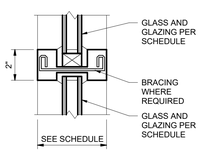




NOTES - ALUMINUM STOREFRONT (SF)

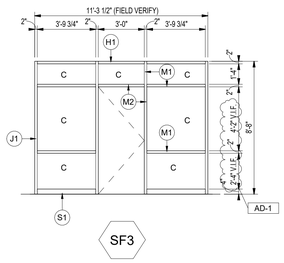
1. FOR STOREFRONT HEAD, JAMB AND SILL DETAILS REFER TO WALL SECTIONS AND ALUMINUM STOREFRONT (SF) FRAME PROFILES 6 / A-601
2. PROVIDE SHIM SPACE, BACKER ROD, AND SEALANT AROUND PERIMETER OF ALL FRAMES WHERE FRAMING ABUTS DISSIMILAR MATERIAL.
3. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR STOREFRONT FRAMING.
4. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
5. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING.
6. REFER TO DOOR AND FRAME SCHEDULE FOR GLASS SCHEDULE.
7. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.
8. PROVIDE 3/4"x3/4"x1/8" ALUMINUM SCRIBE MOLD AT PERIMETER OF BOTH SIDES ON ALL FRAMES UNLESS NOTED OTHERWISE. SET SCRIBE MOLDS IN SEALANT.





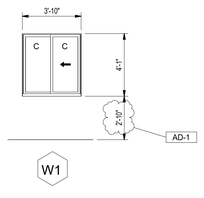
6 / A-601 ALUMINUM STOREFRONT FRAME PROFILES (SF)

3" = 1'-0"



5 / A-601 ALUMINUM STOREFRONT ELEVATIONS (SF)

1/4" = 1'-0"



NOTES - ALUMINUM WINDOWS (W)

1. PROVIDE SHIM SPACE, BACKER ROD AND SEALANT AROUND PERIMETER OF ALL WINDOW FRAMING WHERE FRAMING ABUTS DISSIMILAR MATERIALS.
2. PROVIDE FOAM INSULATION IN SHIM SPACE AROUND PERIMETER OF ALL EXTERIOR WINDOW FRAMING.
3. DIMENSIONS SHOWN ARE NOMINAL. FIELD VERIFY ALL DIMENSIONS SHOWN PRIOR TO FABRICATION AND INSTALLATION.
4. ALL FRAMES IN EXTERIOR WALLS SHALL BE THERMALLY BROKEN WITH 1" INSULATED GLAZING.
5. ALL GLAZING SHALL CONFORM TO STATE AND LOCAL CODES.
6. PROVIDE 3/4"x3/4" ALUMINUM SCRIBE MOLD AT PERIMETER OF BOTH SIDES ON ALL WINDOWS UNLESS NOTED OTHERWISE. SET SCRIBE MOLDS IN SEALANT.

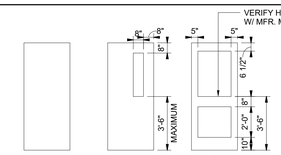
7 / A-601 ALUMINUM WINDOW ELEVATIONS (W)

1/4" = 1'-0"

GLASS SCHEDULE

MK	GLASS TYPES
A	1" INSULATED (CLEAR) - SCHOOL GUARD
B	1/4" TEMPERED (CLEAR)
C	1/2" TEMPERED (CLEAR) - SCHOOL GUARD
D	1/2" TEMPERED (CLEAR, FIRE RATED) - SCHOOL GUARD

AD-2



DOOR AND FRAME SCHEDULE - BASE BID

NO	DESCRIPTION	TYPE	DOORS W	DOORS H	DOORS MAT'L	GLASS DOOR	GLASS SIDELIGHT	GLASS TRANSOM	FRAME MAT'L	FRAME DEPTH	FRAME ELEV.	HARDWARE LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A-101A	EXISTING	--	3' - 0"	7' - 0"	AL	--	--	--	AL	--	--	--	EXISTING	EXISTING	11
A-101B	SINGLE	3	3' - 0"	7' - 0"	AL	C	C	C	AL	4 1/2"	SF3	--	YES	YES	1, 2, 3, 8
A-102	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	20	--	YES	7
A-103A	SINGLE	2	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	60	--	YES	7
A-103B	EXISTING	--	3' - 0"	7' - 0"	HM	--	--	--	HM	--	--	--	--	--	6, 12
A-105	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	20	--	YES	7
A-106	SINGLE	2	3' - 0"	7' - 0"	WD	C	--	--	HM	8 3/8"	HM1	--	--	--	--
A-107	SINGLE	2	3' - 0"	7' - 0"	WD	C	--	--	HM	8 3/8"	HM1	--	--	--	--
A-108	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	20	--	YES	7
A-109	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	--	--	YES	--
A-110	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	--	--	YES	--
A-111	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	--	--	--	--
A-112	SINGLE	2	3' - 0"	7' - 0"	WD	C	--	--	HM	8 3/8"	HM1	--	YES	YES	2, 7, 8
A-113	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	20	--	YES	7
A-114	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	--	--	--	--
A-115	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	20	--	YES	7
A-116	SINGLE	2	3' - 0"	7' - 0"	WD	B			HM	8 3/8"	HM1	--	--	--	--
A-117	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	20	--	YES	7
A-118	SINGLE	2	3' - 0"	7' - 0"	WD	B			HM	8 3/8"	HM1	--	--	--	--
A-120	EXISTING	--	3' - 0"	7' - 0"	HM	--	--	--	HM	--	--	--	EXISTING	EXISTING	11
A-121	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	20	--	YES	
A-122	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	20	--	YES	
A-123	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	20	--	YES	
A-124	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	--	--	YES	7
A-124B	SINGLE	2	3' - 0"	7' - 2"	FRP	A	--	--	AL	--	SF1	--	--	YES	1, 2, 4, 6
A-127A	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	--	--	YES	7, 14
A-127B	EXISTING	1	6' - 0"	7' - 0"	HM	--	--	--	HM	--	--	--	--	--	6, 12
A-128	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	--	--	--	--
A-129	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	20	--	YES	7
A-130	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	20	--	YES	7
A-131	SINGLE	2	3' - 0"	7' - 0"	WD	B			HM	8 3/8"	HM1	--	--	--	--
A-132A	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	20	--	YES	7
A-132B	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	--	--	--	9, 13
A-133A	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	20	--	YES	7
A-133B	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	--	--	--	9, 13
A-134	SINGLE	1	3' - 0"	7' - 0"	WD	--	--	--	HM	8 3/8"	HM1	20	--	YES	--
A-135	SINGLE	2	3' - 0"	7' - 0"	WD	B	--	--	HM	8 3/8"	HM1	--	--	--	--

AD-1

AD-1

AD-3

DOOR AND FRAME SCHEDULE - ALTERNATE BID

NO	DESCRIPTION	TYPE	DOORS W	DOORS H	DOORS MAT'L	GLASS DOOR	GLASS SIDELIGHT	GLASS TRANSOM	FRAME MAT'L	FRAME WIDTH	FRAME ELEV.	HARDWARE LABEL	HARDWARE EXIT DEVICE	HARDWARE CLOSER	NOTES
A-125	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	--	YES	YES	7
A-126	DOUBLE	1	6' - 4"	7' - 2"	FRP	A	--	--	AL	6"	SF2	--	YES	YES	1, 2, 4, 5, 6
A-127	SINGLE	2	3' - 0"	7' - 0"	WD	D	--	--	HM	8 3/8"	HM1	--	--	YES	7

GENERAL DOOR NOTES:

A. JAMB, HEAD, AND SILL DO NOT SHOW WALL CONSTRUCTION. SEE FLOOR PLAN FOR WALL MATERIALS. SEE A-800 SERIES DRAWINGS FOR FINISHES.

B. PROVIDE GLAZING AND GLASS STOPS AS INDICATED.

C. FIELD VERIFY ALL DIMENSIONS AND CONDITIONS.

D. SHIM SPACE IS NOT SHOWN ON FRAME ELEVATIONS FOR ALUMINUM STOREFRONT. TAKE THESE DIMENSIONS INTO ACCOUNT AND ADJUST DIMENSIONS ACCORDINGLY.

E. FOR ELECTRIC ROUGH-IN AT DOORS REFER TO DETAIL 1 / A-601.

F. FOR DOOR POSITION WITHIN WALL REFER TO FRAME MOUNTING DETAILS 2 / A-601.

G. FOR HOLLOW METAL FRAME ELEVATIONS (HM) REFER TO 3 / A-601.
FOR HOLLOW METAL (HM) FRAME PROFILES REFER TO 4 / A-601.

H. FOR ALUMINUM STOREFRONT ELEVATIONS (SF) REFER TO 5 / A-601.
FOR STOREFRONT (SF) FRAME PROFILES REFER TO 6 / A-601.

I. GLASS NOTED IN SIDELIGHT COLUMN FOR BORROWED LIGHT FRAMES APPLIES TO ALL OPENINGS IN FRAME, UNLESS NOTED OTHERWISE.

J. REFER TO FLOOR PLANS FOR LOCATIONS OF ADA PUSH PADS FOR POWER ASSISTED OPERATORS.

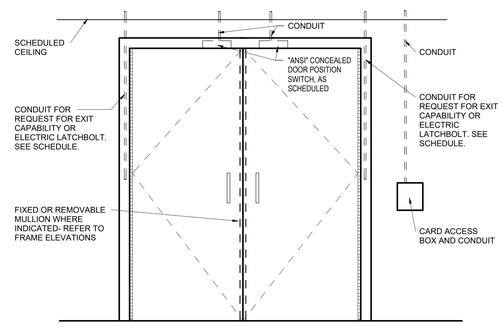
K. REFER TO FRAME ELEVATIONS FOR HEAD, JAMB, AND SILL DETAILS.

L. PROVIDE SEALANT AROUND PERIMETER OF ALL HOLLOW METAL FRAMES BETWEEN FRAME AND WALL.

AD-1

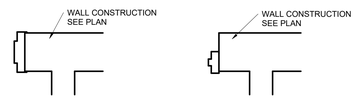
DOOR SCHEDULE NOTES (REMARKS):

1. PANIC DEVICE OR LATCH TO HAVE ELECTRIC LATCH BOLT. PREPARE FRAME FOR ELECTRIFIED HINGE.
2. DOOR TO BE CONTROLLED BY FOB AND FIRST RESPONDER FOB / PROXIMITY READER. REFER TO ELECTRICAL DRAWINGS FOR ROUGH-IN.
3. PROVIDE POWER-ASSISTED OPERATOR (OPERABLE LEAF INDICATED BY -ADA ON DOOR LEAF).
4. PROVIDE ALUMINUM THRESHOLD SET IN FULL BED OF MASTIC.
5. PROVIDE KEYED REMOVABLE MULLION.
6. PREPARE DOOR AND FRAME FOR DOOR POSITION SWITCH.
7. PROVIDE WALL MOUNTED ELECTROMAGNETIC DOOR HOLDER(S) WITH RELEASE AT RECEPTION DESK.
8. PROVIDE DOOR RELEASE ON AI PHONE LOCATED AT RECEPTION DESK.
9. PROVIDE DROP SEAL, SOUND GASKETING AND ADA COMPLIANT THRESHOLD.
10. REPLACE EXISTING DOOR KNOB / LEVER WITH NEW LEVER HANDLE.
11. EXISTING FOB, ADA PUSH PAD, AI PHONE TO REMAIN. ADD FIRST RESPONDER FOB / PROXIMITY READER. REFER TO ELECTRICAL DRAWINGS FOR ROUGH-IN. ADD NEW POWER ASSIST OPERATOR ON INSIDE.
12. REPLACE EXISTING LEVER WITH NEW LEVER (EXIT LOCK WITH NO KEYED ACCESS FROM EXTERIOR).
13. PROVIDE KEYED ACCESS FROM BOTH ROOMS (ABILITY TO BE LEFT UNLOCKED AT ALL TIMES OR LOCKED AT ALL TIMES).
14. BASE BID ONLY, OMIT IN ALTERNATE.



1 / A-601 ELECTRICAL ROUGH-IN AT DOOR FRAME

3/4" = 1'-0"



2 / A-601 FRAME MOUNTING DETAILS

3/4" = 1'-0"

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PROJECT:

ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

Tippecanoe School Corporation

2241 Old Romney Rd, Lafayette, IN 47909

CONSTRUCTION DOCUMENTS

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PROJECT
25-148
DATE
07/09/2025
COORDINATED BY
GWT
DRAWN BY
RGH
CHECKED BY
GWT

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

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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	07/22/25	ADDENDUM #1
AD-3	08/01/25	ADDENDUM #3

DRAWING
DOOR SCHEDULE, FRAME PROFILES, ELEVATIONS AND DETAILS

PROJECT
ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

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SHEET
A-601

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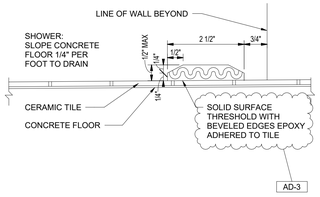
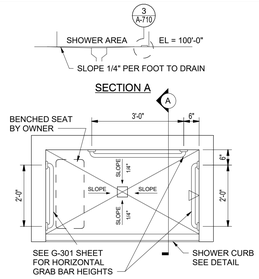


3 A-710 **SHOWER THRESHOLD**
6" = 1'-0"



ADA SHOWER

2 A-710 **ACCESSIBLE SHOWER**
1/2" = 1'-0"

GENERAL RESTROOM NOTES:

A. FOR GENERAL PROJECT NOTES, MATERIAL INDICATIONS LEGEND, SYMBOL LEGEND, ABBREVIATION, ETC., REFER TO SHEET G-301.

B. DEPTH OF ALL TOILET ENCLOSURES SHALL BE A MINIMUM OF 5'-0" CLEAR INSIDE DIMENSION UNLESS NOTED OTHERWISE.

C. REFER TO PLUMBING DRAWINGS FOR FIXTURE TYPES.

D. REFER TO PLUMBING DRAWINGS FOR FLOOR DRAIN LOCATIONS.

E. COORDINATE HEIGHT OF GRAB BAR WITH TANK ON FLUSH VALVE OF WALL MOUNTED WATER CLOSET.

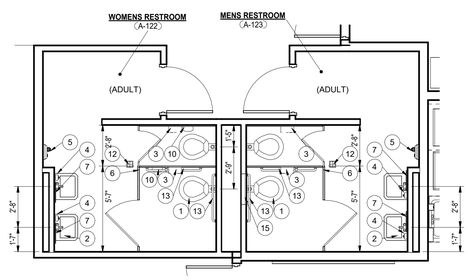
F. INSTALL LAVATORIES AND URINALS AT 2'-6" ON CENTER MINIMUM UNLESS NOTED OTHERWISE.

G. REFERENCE FINISH PLANS FOR FINISH INFORMATION.

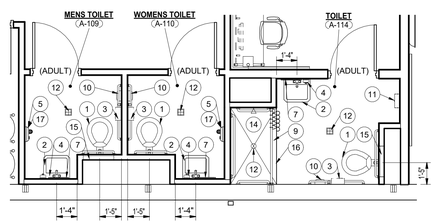
H. FOR MOUNTING HEIGHTS REFER TO SHEET G-301

PLAN NOTES:

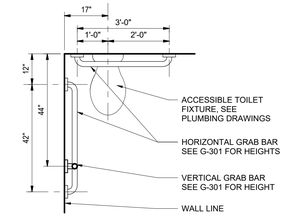
1. ACCESSIBLE FACILITIES. (1 A-710)
2. ACCESSIBLE FIXTURE (LAVATORY/URINAL). SEE PLUMBING DRAWINGS.
3. TOILET PAPER HOLDER. (CFCI)
4. SOAP DISPENSER. (OFCI)
5. AUTOMATIC ELECTRIC HAND DRYER. REFER TO ELECTRICAL DRAWINGS FOR POWER CONNECTION.
6. TOILET PARTITION.
7. ~~1'-4" W x 2'-6" H MIRROR.~~ (AD-1)
8. NOT USED
9. ~~SHOWER ROD AND CURTAIN~~ (AD-1)
10. FEMININE NAPKIN DISPOSAL.
11. PAPER TOWEL DISPENSER. (OFCI)
12. FLOOR DRAIN. REFER TO PLUMBING DRAWINGS.
13. NOT USED.
14. ACCESSIBLE SHOWER. (2 A-710)
15. 24"x24" ACCESS PANEL WITH TOP AT 5'-4" ABOVE FLOOR
16. SHOWER THRESHOLD. (3 A-710)
17. INSTALL WALL SPLASH GUARD BELOW ELECTRIC HAND DRYER. MOUNT TOP 3" BELOW BOTTOM OF HAND DRYER.



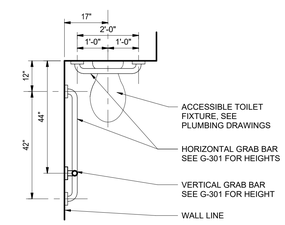
5 A-710 **ENLARGED RESTROOM PLAN**
1/4" = 1'-0"



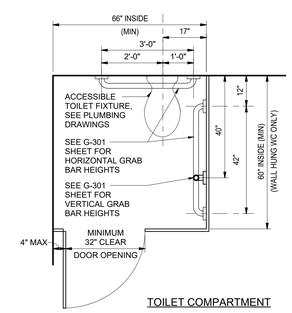
4 A-710 **ENLARGED TOILET ROOM PLANS**
1/4" = 1'-0"



PRIVATE TOILET
ROOMS: A-114



PRIVATE TOILET
ROOMS: A-109, A-110



TOILET COMPARTMENT

1 A-710 **ACCESSIBLE FACILITIES**
1/2" = 1'-0"

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PROJECT:

ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

Tippecanoe School Corporation

2241 Old Romney Rd, Lafayette, IN 47909

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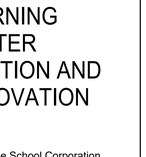
PROJECT
25-148
DATE
07/09/2025
COORDINATED BY
GWT
DRAWN BY
RGH
CHECKED BY
GWT



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REVISIONS

MARK	DATE	ISSUED FOR
AD-1	07/22/25	ADDENDUM #1
AD-3	08/01/25	ADDENDUM #3

DRAWING
ENLARGED TOILET ROOM EQUIPMENT PLANS

PROJECT
ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

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SHEET
A-710

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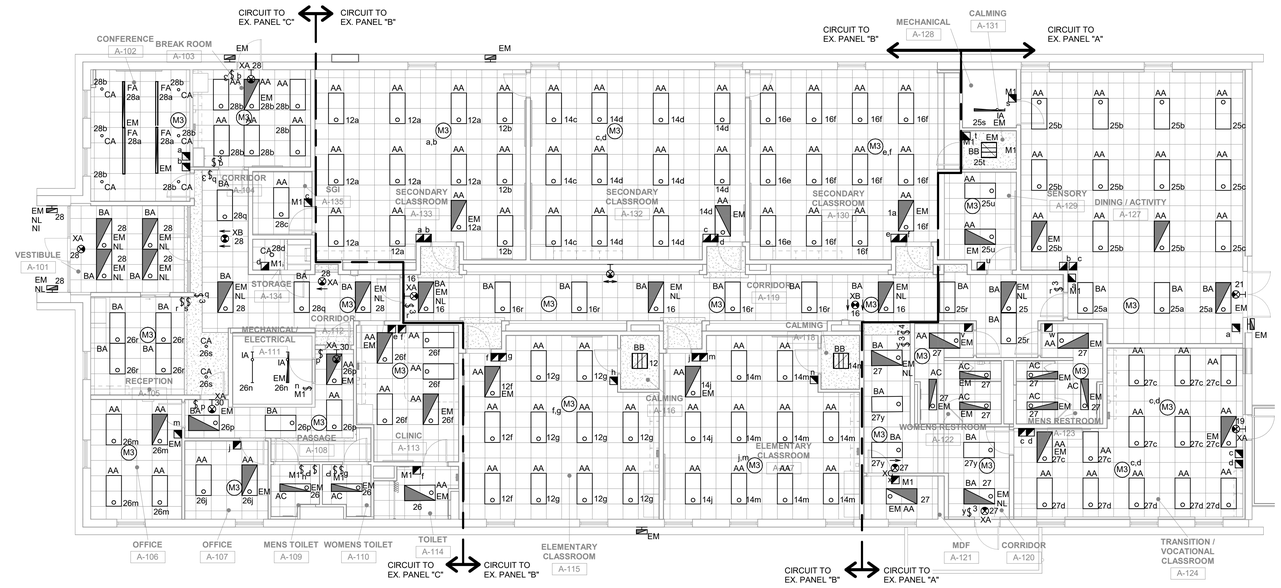
SHEET NOTES

1. EXISTING MECHANICAL EQUIPMENT TO BE DEMOLISHED. REMOVE EXISTING WIRING BACK TO EXISTING BRANCH PANEL.
2. DUPLEX RECEPTACLES IN ELEMENTARY CLASSROOM TO BE 120V-20A SPECIFICATION GRADE AFCI TAMPER RESISTANT DUPLEX RECEPTACLE - (MOUNTED 18" A.F.F. OR AS NOTED) (HUBBELL #AFR20TR OR EQUAL); UNLESS NOTED OTHERWISE.

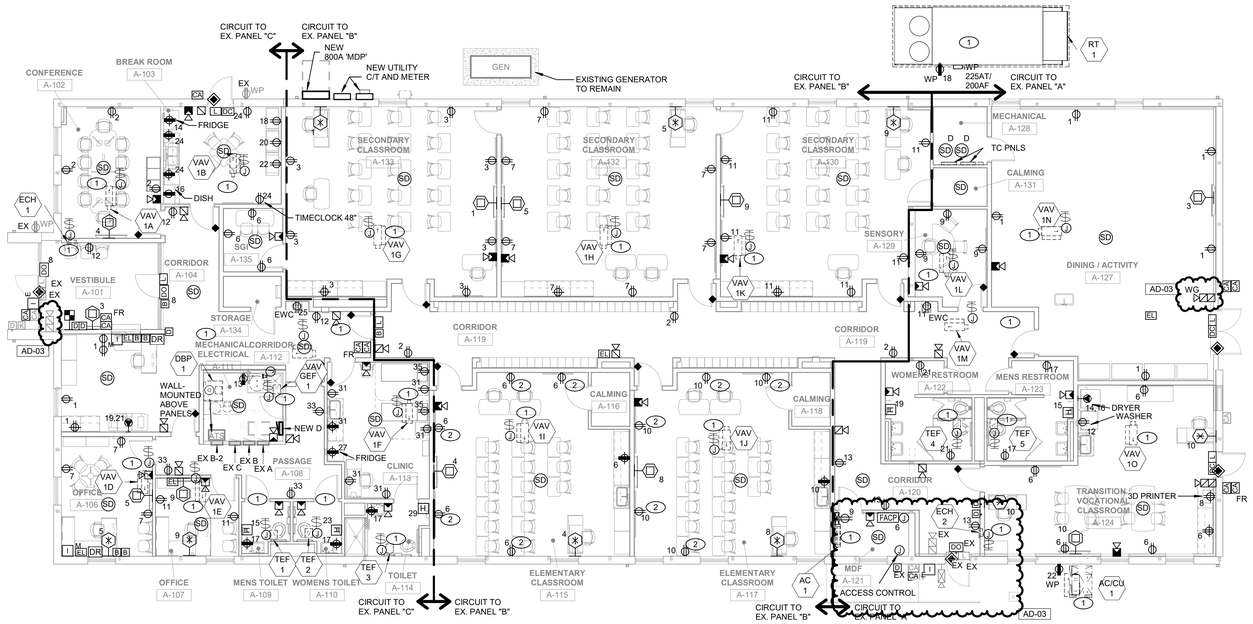


2 E-101 ELECTRICAL LIGHTING FIRST FLOOR PLAN

1/8" = 1'-0"

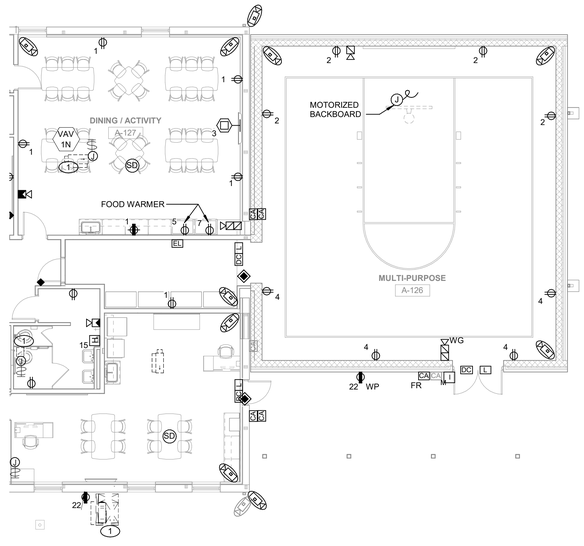
4 E-101 ELECTRICAL LIGHTING FIRST FLOOR PLAN - ALTERNATE BID

1/8" = 1'-0"



1 E-101 ELECTRICAL POWER FIRST FLOOR PLAN

1/8" = 1'-0"



3 E-101 ELECTRICAL POWER FIRST FLOOR PLAN - ALTERNATE BID

1/8" = 1'-0"

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PROJECT:

ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

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PROJECT 23-148
DATE 07/09/2025
COORDINATED BY SM
DRAWN BY CJ
CHECKED BY DJ

DAVID G. JARNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-01	07/23/25	ADDENDUM NO. 1
AD-02	07/30/25	ADDENDUM NO. 2
AD-03	08/01/25	ADDENDUM NO. 3

DRAWING
ELECTRICAL FIRST FLOOR PLANS

PROJECT
ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

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EX A

LOCATION: MECHANICAL/... **VOLTS:** 120/240 Single
SUPPLY FROM: MDP **PHASES:** 1
MOUNTING: RECESSED **MAINS TYPE:** MLO
ENCLOSURE: NEMA-1 **MAIN RATING:** 200 A
A.I.C. RATING: 100,000 A **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	A	B	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	DINING/ACTIVITY RECEPT	N	20 A	1	1200		800		1	20 A		MULTPURPOSE RECPT	2
3	DINING/ACTIVITY RECEPT		20 A	1		400		800	1	20 A		MULTPURPOSE RECPT	4
5	FOOD WARMER		20 A	1	200		1000		1	20 A		TRANSITIONAL RECEPT	6
7	FOOD WARMER		0 A	1		200		200	1	20 A		3D PRINTER	8
9	SENSORY RM RECEPT		20 A	1	600		1400		1	20 A		TRANSITIONAL RECEPT	10
11	EWC	GC	20 A	1		200		200	1	20 A		WASHER	12
13	CORRIDOR RECPT		30 A	1	600		2800		2	30 A	N	TRANSITIONAL DRYER	14
15	MEN'S RR HAND DRYER		20 A	1		1900		2800					16
17	MEN'S RR RECEPT		0 A	1	400		200		1	20 A		RTU RECEPT	18
19	WOMEN'S RR HAND DRYER		20 A	1		1900		0	1	0 A		TC PANEL	20
21	WOMENS RR RECEPT		0 A	1	400		400		1	20 A		EXTERIOR RECPT	22
23	LIGHTING		20 A	1		1265		2496	2	20 A	N	ECH-2	24
25	LIGHTING		20 A	1	978		2496						26
27	LIGHTING		20 A	1		1290		450	1	20 A		EXTERIOR LIGHTING	28
29	EXTERIOR LIGHTING		20 A	1	240		500		1	20 A		ACCESS CONTROLS	30
31	SPACE	--	--	1		--	0	0	1	20 A	--	SPARE	32
33	SPACE	--	20 A	1	0		0		1	20 A	--	SPARE	34
35	SPACE	--	20 A	1		0		0	1	20 A	--	SPARE	36
37	SPACE	--	20 A	1	0		0		1	0 A	--	SPARE	38
39	SPACE	--	--	1		--		--	1	--	--	SPACE	40

AD-03

REMARKS:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE
N = NEW DEVICE IN EXISTING PANEL

PANEL TOTALS

TOTAL CONNECTED LOAD PHASE A:	14202 VA
TOTAL CONNECTED LOAD PHASE B:	14011 VA
TOTAL CONNECTED LOAD PHASE C:	0 VA
TOTAL CONNECTED LOAD:	28213 VA
TOTAL CONNECTED AMPS:	118 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

EX B

LOCATION: MECHANICAL/... **VOLTS:** 120/240 Single
SUPPLY FROM: MDP **PHASES:** 1
MOUNTING: RECESSED **MAINS TYPE:** MLO
ENCLOSURE: NEMA-1 **MAIN RATING:** 200 A
A.I.C. RATING: 100,000 A **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	A	B	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	CLASSRM A-133 RECPT		20 A	1	900		600		1	20 A		CORRIDOR RECPT	2
3	CLASSRM A-133 RECPT		20 A	1		1400		900	1	20 A		CLASSRM A-115 RECPT	4
5	CLASSRM A-132 RECPT	N	20 A	1	900		1200		1	20 A		CLASSRM A-115 RECPT	6
7	CLASSRM A-132 RECPT		20 A	1		1400		900	1	20 A	N	CLASSRM A-117 RECPT	8
9	CLASSRM A-130 RECPT		20 A	1	900		1200		1	20 A		CLASSRM A-117 RECPT	10
11	CLASSRM A-130 RECPT		20 A	1		1400		1070	1	20 A		LIGHTING	12
13	EX SPARE	--	30 A	2	0		1070		1	20 A		LIGHTING	14
15						0		885	1	20 A		LIGHTING	16
17	EX SPARE	--	40 A	2	0		0		1	0 A	--	SPARE	18
19						0		0	1	0 A	--	SPARE	20
21	SPARE	--	0 A	1	0		--		1	--	--	SPACE	22
23	SPARE	--	0 A	1		0		0	1	0 A	--	SPARE	24
25	SPARE	--	0 A	1	0		0		1	0 A	--	SPARE	26
27	SPARE	--	0 A	1		0		0	1	0 A	--	SPARE	28
29	SPARE	--	--	1	--		--		1	--	--	SPACE	30
31	SPACE	--	--	1		--		--	1	--	--	SPACE	32
33	SPACE	--	--	1	--		--		1	--	--	SPACE	34
35	SPACE	--	--	1		--		--	1	--	--	SPACE	36
37	EXISTING PANEL B-2 VIA ATS		125 A	2	3204		--		1	--	--	SPACE	38
39						2754		--	1	--	--	SPACE	40

REMARKS:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE
N = NEW DEVICE IN EXISTING PANEL

PANEL TOTALS

TOTAL CONNECTED LOAD PHASE A:	9974 VA
TOTAL CONNECTED LOAD PHASE B:	10709 VA
TOTAL CONNECTED LOAD PHASE C:	0 VA
TOTAL CONNECTED LOAD:	20683 VA
TOTAL CONNECTED AMPS:	86 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

EX C

LOCATION: MECHANICAL/... **VOLTS:** 120/240 Single
SUPPLY FROM: MDP **PHASES:** 1
MOUNTING: RECESSED **MAINS TYPE:** MLO
ENCLOSURE: NEMA-1 **MAIN RATING:** 200 A
A.I.C. RATING: 100,000 A **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	A	B	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	RECEPTION RECEPT	N	20 A	1	600		600		1	20 A		CONF RM RECEPT	2
3	RECEPTION TV		20 A	1		500		400	1	20 A		CONF RM TV	4
5	OFFICE A-106 TV	N	20 A	1	900		600		1	20 A		SGI RECEPT	6
7	OFFICE A-106 RECEPT		20 A	1		600		2400	1	20 A		MAIN ENTRANCE	8
9	OFFICE A-107 TV	N	20 A	1	900		0		1	20 A		CARD READER	10
11	OFFICE A-107 RECEPT	N	20 A	1		400		600	1	20 A	N	FRONT RECEPT	12
13	MECH RM RECEPT		20 A	1	200		800		1	20 A	N	BREAKRM FRIDGE	14
15	MEN'S RR HAND DRYER		20 A	1		1900		200	1	20 A	N	BREAKRM DISHWASHER	16
17	RESTROOM RECEPT		20 A	1	600		800		1	20 A		FOOD WARMER	18
19	RECEPTION COPIER		40 A	2		2800		800	1	20 A		FOOD WARMER	20
21					2800		800		1	20 A		FOOD WARMER	22
23	WOMEN'S RR HAND DRYER	N	20 A	1		1900		800	1	20 A	N	BREAKRM RECEPT	24
25	EWC	N	20 A	1	200		1134		1	20 A	N	LIGHTING	26
27	CLINIC FRIDGE	N	20 A	1		800		942	1	20 A	N	LIGHTING	28
29	CLINIC RR HAND DRYER	N	20 A	1	1900		10		1	20 A		EXIT SIGNS	30
31	CLINIC RECEPT	N	20 A	1		1200		4000	2	20 A	N	ECH-1	32
33	RECEPT		20 A	1	600		0						34
35	CLINIC TABLES		20 A	1		400		0	1	20 A	--	SPARE	36
37	SPACE	--	--	1	--		--		1	--	--	SPACE	38
39	SPACE	--	--	1		--		--	1	--	--	SPACE	40

REMARKS:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE
N = NEW DEVICE IN EXISTING PANEL

PANEL TOTALS

TOTAL CONNECTED LOAD PHASE A:	13443 VA
TOTAL CONNECTED LOAD PHASE B:	20640 VA
TOTAL CONNECTED LOAD PHASE C:	0 VA
TOTAL CONNECTED LOAD:	34083 VA
TOTAL CONNECTED AMPS:	142 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

EX B-2

LOCATION: MECHANICAL/... **VOLTS:** 120/240 Single
SUPPLY FROM: EX B **PHASES:** 1
MOUNTING: RECESSED **MAINS TYPE:** MCB
ENCLOSURE: NEMA-1 **MAIN RATING:** 125 A
A.I.C. RATING: 22000 A **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	A	B	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	WS-1		20 A	2	240		--		1	--	--	SPACE	2
3						240		--	1	--	--	SPACE	4
5	AC/CU-1		20 A	2	1664		500		1	20 A		FACP	6
7						1664		250	1	20 A		RCP-1	8
9	IT RACK		30 A	1	200		600		2	20 A		WH-1	10
11	SPARE	--	20 A	1		0		600					12
13	SPARE	--	20 A	1	0		0		1	20 A	--	SPARE	14
15	SPARE	--	20 A	1		0		0	1	20 A	--	SPARE	16
17	SPARE	--	20 A	1	0		0		1	2 A	--	SPARE	18
19	SPARE	--	20 A	1		0		0	1	20 A	--	SPARE	20
21	SPACE	--	--	1	--		--		1	--	--	SPACE	22
23	SPACE	--	--	1		--		--	1	--	--	SPACE	24
25	SPACE	--	--	1	--		--		1	--	--	SPACE	26
27	SPACE	--	--	1		--		--	1	--	--	SPACE	28
29	SPACE	--	--	1	--		--		1	--	--	SPACE	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

REMARKS:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE
N = NEW DEVICE IN EXISTING PANEL

PANEL TOTALS

TOTAL CONNECTED LOAD PHASE A:	3204 VA
TOTAL CONNECTED LOAD PHASE B:	2754 VA
TOTAL CONNECTED LOAD PHASE C:	0 VA
TOTAL CONNECTED LOAD:	5958 VA
TOTAL CONNECTED AMPS:	25 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

NEW D

LOCATION: MECHANICAL/... **VOLTS:** 120/208 Wye
SUPPLY FROM: **PHASES:** 3
MOUNTING: SURFACE **MAINS TYPE:** MLO
ENCLOSURE: NEMA-1 **MAIN RATING:** 225 A
A.I.C. RATING: 100,000 **BUSSING:** COPPER
NOTES:

CKT	CIRCUIT DESCRIPTION	LEG.	TRIP	POLES	A	B	C	A	B	C	POLES	TRIP	LEG.	CIRCUIT DESCRIPTION	CKT
1	VAV-1A		20 A	1	3000			2500			1	20 A		VAV-1D	2
3	VAV-1B		20 A	1		2500			3000		1	20 A		VAV-1E	4
5	VAV-1C		20 A	1			4500			2000	1	20 A		VAV-1F	6
7	VAV-1G		25 A	1	3500			3500			1	25 A		VAV-1J	8
9	VAV-1H		25 A	1		3500			3500		1	25 A		VAV-1K	10
11	VAV-1I		25 A	1			3500			1500	1	20 A		VAV-1L	12
13	VAV-1M		20 A	1	3500			1981							14
15	VAV-1N		30 A	1		4500			1981		3	100 A		DBP-1	16
17	VAV-1O		25 A	1			4000			1981					18
19								4996							20
21	ROOF RECEPT		20 A	1		200			4996		3	60 A		RT-2	22
23							21256			4996					24
25	RTU-1		225 A	3	21256										26
27						21256									28
29															30
31															32
33															34
35															36
37															38
39															40

REMARKS:
GC = PROVIDE GFI CIRCUIT BREAKER
ST = PROVIDE SHUNT TRIP BREAKER
LO = PROVIDE LOCKABLE DEVICE
N = NEW DEVICE IN EXISTING PANEL

PANEL TOTALS

TOTAL CONNECTED LOAD PHASE A:	44233 VA
TOTAL CONNECTED LOAD PHASE B:	45433 VA
TOTAL CONNECTED LOAD PHASE C:	43733 VA
TOTAL CONNECTED LOAD:	133399 VA
TOTAL CONNECTED AMPS:	370 A

REFER TO SPECIFICATIONS FOR ADDITIONAL INFORMATION

GIBRALTAR DESIGN
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MILLIES ENGINEERING
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PROJECT:

ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

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PROJECT
23-148
DATE
07/09/2025
COORDINATED BY
SM
DRAWN BY
CJ
CHECKED BY
DJ

DAVID G. JANNEY REGISTERED NO. 10302590 STATE OF INDIANA PROFESSIONAL ENGINEER

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REVISIONS

MARK	DATE	ISSUED FOR
AD-01	07/23/25	ADDENDUM NO. 1
AD-02	07/30/25	ADDENDUM NO. 2
AD-03	08/01/25	ADDENDUM NO. 3

DRAWING
ELECTRICAL SCHEDULES

PROJECT
ALTERNATIVE LEARNING CENTER ADDITION AND RENOVATION

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