

**DOCUMENT 00 90 00
ADDENDUM**

ADDENDUM NO. [4] Date: October 4, 2021

**RE: LA FARGE SCHOOL DISTRICT
 ADDITION AND RENOVATION
 301 W. ADAMS STREET
 LA FARGE, WI 54639
 HSR PROJECT NO. 19041-1**

**FROM: HSR Associates, Inc
 100 Milwaukee Street
 La Crosse, WI 54603
 (608) 784-1830**

To: Prospective Bidders

This addendum forms a part of the Contract Documents and modifies the original Bidding Documents dated September 2021. Acknowledge receipt of this Addendum in the space provided on the bid form. Failure to do so may subject the Bidder to disqualification.

This Addendum consists of [1] page, and [2] 30 x 42 drawings.

CHANGES TO DRAWINGS

1. Sheet E600 ELECTRIC RISER DIAGRAM & SCHEDULES 30 x 42 attached hereto
 - a. Revisions clouded on drawing.
 - b. #2 Electric Riser diagram: Provide new 600 Amp fused safety switch in place of existing 1200 AMP bolted pressure switch.
2. Sheet E602 ELECTRICAL SCHEDULES 30 x 42 attached hereto
 - a. Revisions clouded on drawing.
 - b. Revisions to panelboard schedule.

PRIOR APPROVALS

1. Product Approval, Folding Glass Door, Section 08 35 13.43: Solar Innovations SI3000

END OF DOCUMENT 00 90 00



Consultant:

Project Title: LA FARGE SCHOOL DISTRICT

Project Location: 301 WEST ADAMS STREET
LA FARGE, WISCONSIN

Sheet Title: ELECTRIC RISER DIAGRAM AND SCHEDULES

HSR Project Number: 19041-1

Project Date: SEPTEMBER 2021

Drawn By: SMG

Key Plan:

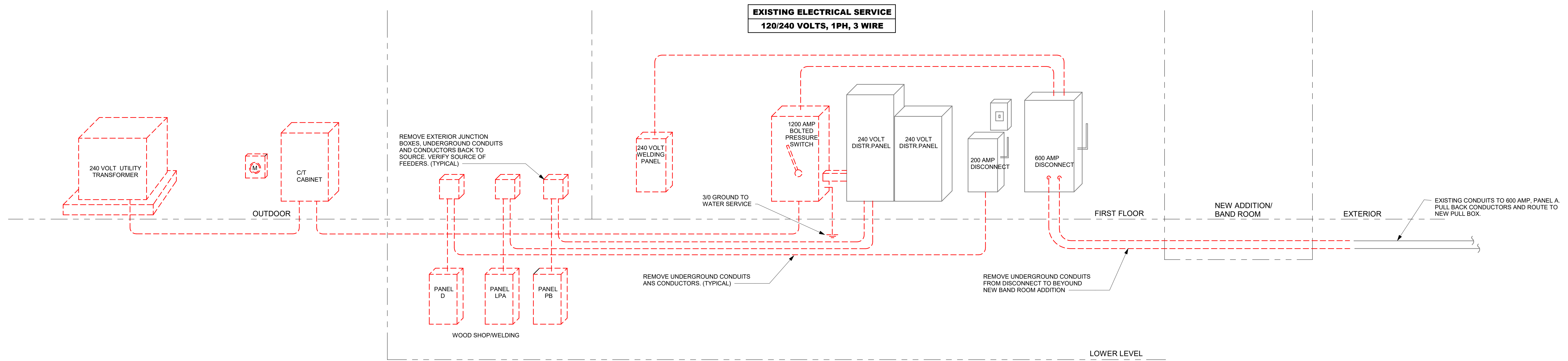
BID DOCUMENTS

No.	Description	Date
AD-2	AD-2	9/23/21
AD-4	AD-4	10/01/21

Graphic Scale: VARIES

Last Update: 9/30/2021 4:58:37 PM

E600



1 ELECTRIC RISER DIAGRAM REMOVAL

NTS

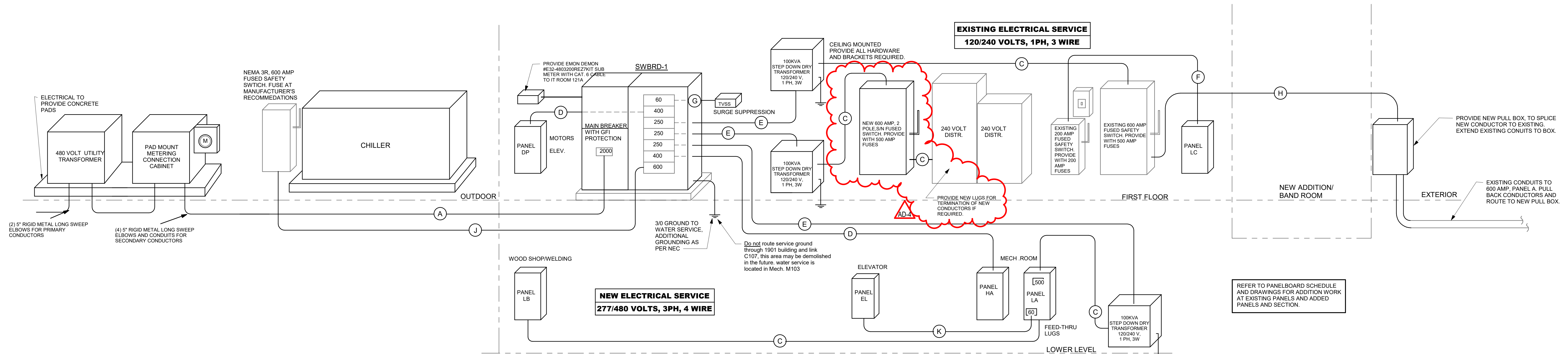
SWITCHBOARD SCHEDULE					
POLES	BREAKER RATING	FUSIBLE SWITCH RATING	PHASE	FEEDING	REMARK NUMBER
3	2000			MAIN CIRCUIT BREAKER	1
3	400			PANEL DP	2
3	600			CHILLER	2
3	400			PANEL HA	2
2	250		AB	BACK FEED 120/240 V SERVICE	2
2	250		BC	BACK FEED 120/240 V SERVICE	2
2	250		CA	PANEL LB 120/240 V VIA XFMR.	2
3	100			SPARE BREAKER	2
3	60			TVSS	2

SERVICE: 480Y/277 VOLT, 3 PH, 4 W

REMARKS

- PROVIDE MAIN CIRCUIT BREAKER WITH 65,000 AMP INTERRUPTING RATING. PROVIDE WITH GROUND FAULT SENSING.
- DISTRIBUTION CIRCUIT BREAKERS TO BE SERIES RATED WITH MAIN BREAKER.

FEEDER SCHEDULE				
MARK NO.	CONDUIT SIZE	CONDUCTOR SIZE	GROUND SIZE	REMARKS
A	5"	(4) #600 kcmil		4 PARALLEL RUNS
B	2 1/2"	(4) #300 kcmil	#1	2 PARALLEL RUNS
C	2"	(3) #4/0	#2	2 PARALLEL RUNS
D	3 1/2"	(4) #500 kcmil	#3	
E	2"	(2) #4/0	#4	
F	2"	(3) #3/0	#6	
G	1"	(4) #6	#10	
H	3"	(3) #350 kcmil	#1	2 PARALLEL RUNS
J	2 1/2"	(3) #300 kcmil	#1	2 PARALLEL RUNS
K	1"	(3) #6	#10	



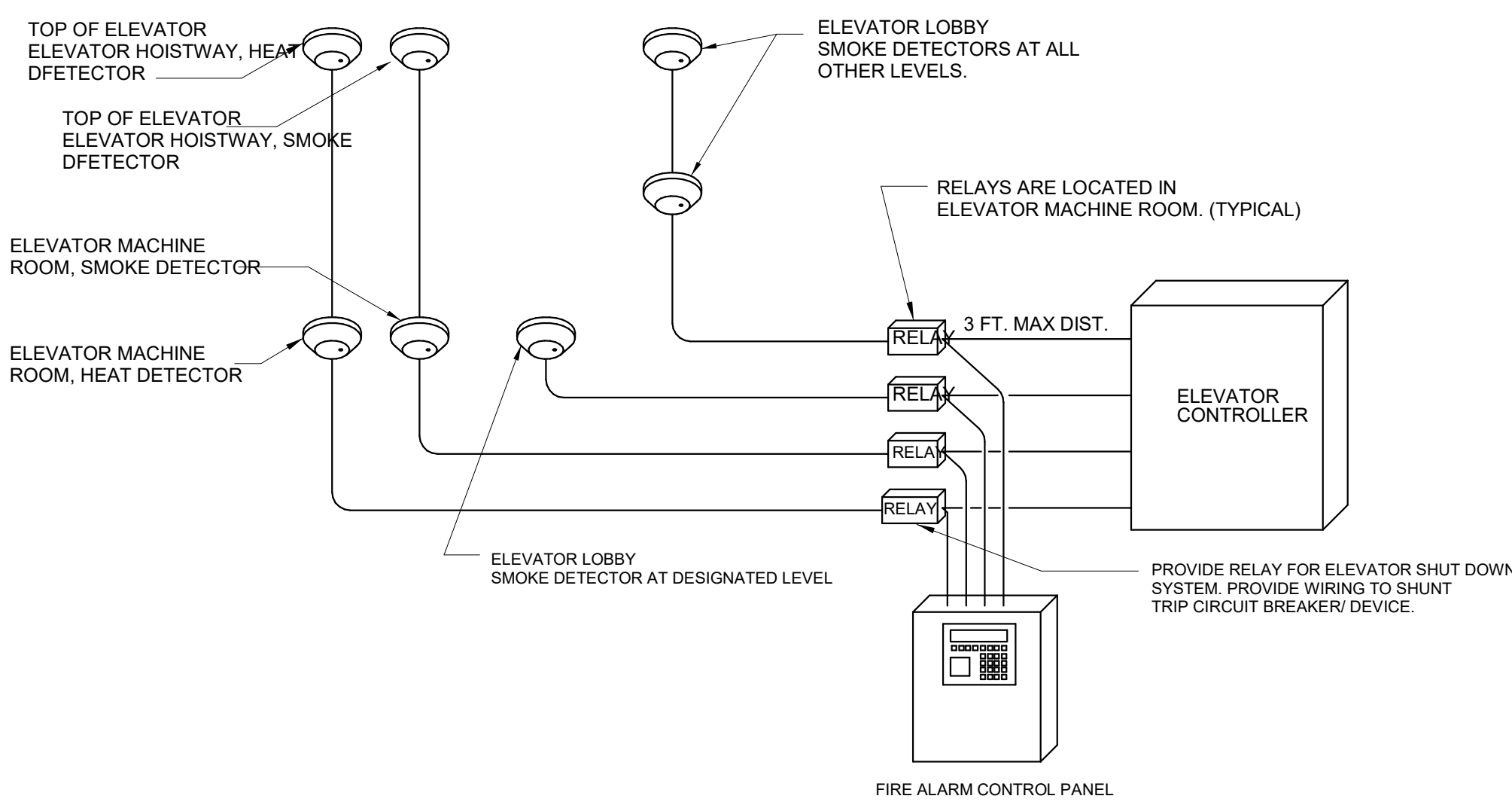
2 ELECTRIC RISER DIAGRAM

NTS

SHOP 04 EQUIPMENT SCHEDULE												
MARK NUMBER	DESCRIPTION	LOCATION ROOM NUMBER	RATING			WIRING SIZE		CONNECTION		REMARKS		
			KW	HP	VOLT	PH	CONDUCTORS	GRD.	DIRECT OR RECEPTACLE			
1	LATHE	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
2	BAND SAW	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
3	PORTABLE AIR COMPRESSOR	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
4	PLANNER	EXISTING	SHOP 01			240	1	2 #10	#10	NEMA 14-30R	1	
5	DISC SANDER	EXISTING	SHOP 01			240	1	2 #12	#12	NEMA L14-20R	1	
6	TABLE SAW	EXISTING	SHOP 01			240	1	2 #12	#12	NEMA L14-20R	1	
7	CHOP SAW TABLE	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
8	WORK TABLE	EXISTING	SHOP 01									
9	CLAMP RACK	EXISTING	SHOP 01									
10	GLUE TABLE	EXISTING	SHOP 01									
11	CNC TABLE	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
12	DRILL PRESS	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
13	SANDING TABLE	EXISTING	SHOP 01									
14	SMALL TOOL TABLE	EXISTING	SHOP 01									
15	SCROLL SAW	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
16	JOINTER	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
17	ROUTER TABLE	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
18	WORK TABLE (METALS)	EXISTING	SHOP 01									
19	TALL STORAGE CABINET	EXISTING	SHOP 01									
20	TOOL BOX	EXISTING	SHOP 01									
21	WORK BENCH	EXISTING	SHOP 01									
22	HOMAK STORAGE	EXISTING	SHOP 01									
23	METAL CHOP SAW	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
24	GRINDER (LARGE)	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
25	GRINDER (SMALL)	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
26	WELDING TABLE	EXISTING	SHOP 01									
27	TIRE BALANCER	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
28	TIRE MOUNTING	EXISTING	SHOP 01			240	1	2 #10	#10	NEMA 14-30R	1	
29	MILLER THUNDERBOLT XL	EXISTING	SHOP 01			240	1	2 #10	#10	NEMA 14-30R & NEMA 14-50R	1	
30	PLASMA CUTTER	EXISTING	SHOP 01			240	1	2 #10	#10	NEMA 14-30R & NEMA 14-50R	1	
31	MILLER 212	EXISTING	SHOP 01			240	1	2 #10	#10	NEMA 14-30R	1	
32	ECONOTIG	EXISTING	SHOP 01			52 amp	240	1	2 #4	#8	plug furnished with unit	1
33	3D PRINTER	EXISTING	SHOP 01			120	1	2 #12	#12	NEMA 5-20R	1	
34	LASER	EXISTING	SHOP 04			120	1	2 #12	#12	NEMA 5-20R	1	
35	FLAMMABLE STORAGE	EXISTING	SHOP 04									
36	LIFT - AUTOMOTIVE	NEW	SHOP 01			5 HP	240	1	2 #6	#10	DIRECT	

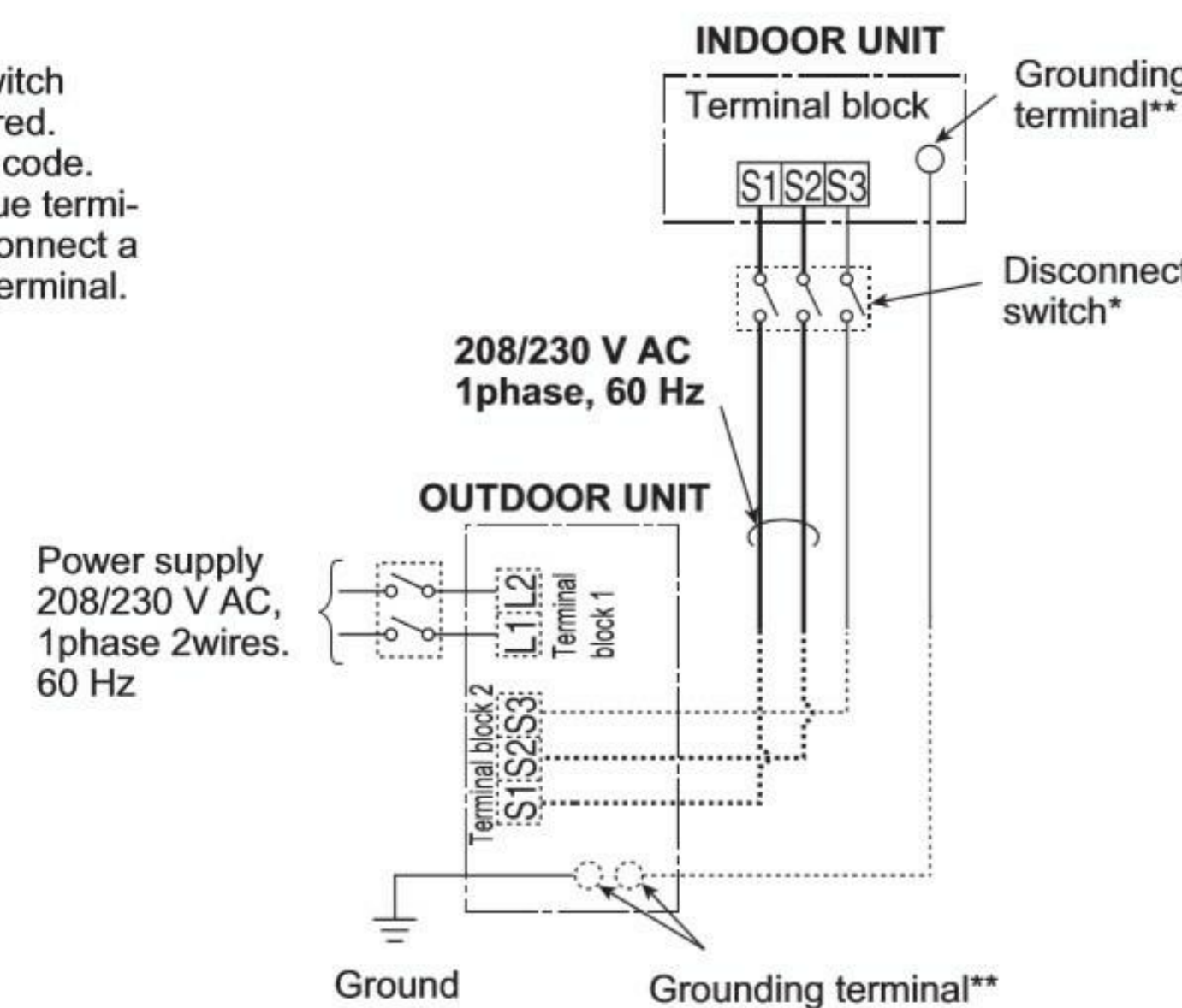
* SEE REMARKS. MCA MINIMUM CIRCUIT AMPACITY

REMARKS
1. ELECTRICAL CONTRACTOR TO VERIFY TYPE OF ELECTRICAL PLUG AT EACH PEICE OF EQUIPMENT AND MATCH RECEPTACLE.



1 ELEVATOR RECALL DIAGRAM SHUNT TRIP
NTS

Remark:
* A disconnect switch should be required. Check the local code.
** Use a ring tongue terminal in order to connect a ground wire to terminal.



2 MINI-SPLIT WIRING DIAGRAM
NTS

PANELBOARD SCHEDULE																	
PANEL NAME	ROOM NO.	MFGR TYPE	MOUNT'G			SIZE			MAINS				BRANCHES				REMARK NUMBER
			FLUSH	SURFACE	DEPTH	ELECTRICAL SERVICE	AMP	LUGS	BREAKER	SWITCH	FEED THRU LUGS	NO.	AMP.	POLE	CIRCUIT NUMBERS	SPACE	
DP	ELEC M104	SQ D NF	X	20"	5.75"	480Y/277 VOLT 3 PH, 4 WIRE	400	X				2	60	3	DP-1,2,3,4,5,6	54 SPACE	
												3	45	3	DP-7,8,9,10,11,12,14,16,18		
												7	20	3	DP-20,22,24-31,33,35,32,34,36,38,40,42		
												2	15	3	DP-13,15,17,19,21,23		
												2	20	3	SPARES		
HA	MECH M01	SQ D NF	X	20"	5.75"	480Y/277 VOLT 3 PH, 4 WIRE	400	X				2	90	3	HA-1,2,3,4,5,6	54 SPACE	
												2	60	3	HA-7,8,9,10,11,12		
												1	15	3	HA-13,15,17		
LA	MECH M01	SQ D NQ	X	20"	5.75"	240/120 VOLT 1 PH, 3 WIRE	600	X	X	X		500	2	MAIN CIRCUIT BREAKER	54 SPACE	FEED THRU LUGS	
												1	50	2			LA-1,3
												2	30	2			LA-2,4,5,7 (GFI circuit breakers)
												3	20	2			LA-6,8,10,11,12
												23	20	1			LA-13, 14-18, 21-37
LB	SHOP 01	SQ D NQ	X	20"	5.75"	240/120 VOLT 1 PH, 3 WIRE	600	X				1	80	2	LB-1,3	84 SPACE	
												2	60	2	LB-2.4. Sub feed to panel EL		
												3	50	2	LB-5,6-9,11		
												7	30	2	LB-10,12,13-17,19,21,23,26,28,30,32		
												3	20	2	LB-22,24,25,27,31,33		
												39	20	1	LB-29,34-67,68,69,71 LB-71 (GFI circuit breaker)		
												1	20	1	LB-58 (GFI circuit breaker)		
												2	50	2	SPARES		
												2	30	2	SPARES		
												6	20	1	SPARES		
LC	ELEC M104	SQ D NQ	X	20"	5.75"	240/120 VOLT 1 PH, 3 WIRE	225	X				1	20	2	LC-1,3	54 SPACE	
												18	20	1	LC-2, 4-16,17,18,19,20		
												2	20	2	SPARES		
												4	20	1	SPARES		
L1A (existing)	MECH M102	Kinney				240/120 VOLT 1 PH, 3 WIRE					3	20	1	L1A -1,2,3 (Existing circuit breakers)			
B (existing)	STAFF 146	Cutter-Hammer				240/120 VOLT 1 PH, 3 WIRE					5	20	1	B-1,2,3,4,5		1	
C (existing)	MECH M103	Cutter-Hammer				240/120 VOLT 1 PH, 3 WIRE					1	125	2	FEEDS SUB PANEL C2		1	
C2	MECH M103	SQ D NQ	X	20"	5.75"	240/120 VOLT 1 PH, 3 WIRE	225	X				18	20	1	C2-1, 2-18	54 SPACE	2
												10	20	1	refeed existing circuits from boiler room panel		
												4	20	1	SPARES		
D1	OFFICE 149	SQ D NQ	X	20"	5.75"	240/120 VOLT 1 PH, 3 WIRE	225	X				10	20	1	D1-1,2-10	72 SPACE	3
												36	20	1	refeed existing circuits from adjacent panel D		
												4	20	2	refeed existing circuits from adjacent panel D		
												4	20	1	SPARES		
EL	ELEV. EQUIP 02	SQ D NQ	X	20"	5.75"	240/120 VOLT 1 PH, 3 WIRE	100	X				1	20	2	EL-1,3	18 SPACE	
												6	20	1	EL-2, 4-8		
												2	20	1	SPARES		
F1 (existing)	JAN. 161	Cutter-Hammer	X			240/120 VOLT 1 PH, 3 WIRE					15	20	1	F1-1,2-15		1	
G1 (existing)	WEIGHT 143	Cutter-Hammer	X			240/120 VOLT 1 PH, 3 WIRE					9	20	1	G1-1, 2-9		1	
M	IT 121A	SQ D NQ	X			240/120 VOLT 1 PH, 3 WIRE						1	20	2	M-9,11		
												17	20	1	M-1, 2-8, 10,12-15,16,17,18,19		
												13	20	1	Refeed existing branch circuits from removed load center.		

* SEE REMARKS

PANELBOARD SCHEDULE REMARKS:
1. PROVIDE NEW CIRCUIT BREAKERS IN EXISTING PANELBOARD.
2. REFEED BRANCH CIRCUITS THAT ORIGINATED FROM BOILER ROOM PANELS. PROVIDE NEW HOMERUNS TO CLASSROOMS AND OTHER AREAS AS REQUIRED.
3. EXISTING REMOVED PANEL D TO BE USED AS JUNCTION BOX TO REFEED BRANCH CIRCUITS. EXTEND EXISTING FEEDER TO NEW PANELBOARD.



Consultant:

Project Title: LA FARGE SCHOOL DISTRICT

Project Location: 301 WEST ADAMS STREET
LA FARGE, WISCONSIN

Sheet Title: ELECTRICAL SCHEDULES

HSR Project Number: 19041-1
Project Date: SEPTEMBER 2021

Drawn By: SMG

Key Plan:

Revisions:

No.	Description	Date
AD-1	AD-1	9/20/21
AD-2	AD-2	9/23/21
AD-4	AD-4	10/01/21

Graphic Scale: VARIES

Last Update: 10/1/2021 11:17:55 AM

BID DOCUMENTS

E602