						BREAK		,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,			- I		AGE: 208	<i>y</i> 120 <b>v</b> ,	<u> </u>
	BUS: 125A			(N) PA	NEL 'G'	MOUN	ITING: SU	JRFACE						BL	JS:
MAIN BREAKER: 70A/3P			,	. ,	( )			NEMA 3R ENCLOSURE				N	1AIN BRE	AKER: 1	50
	L	OAD (V/	4)			L	.OAD (V.	A)	-				L	OAD (V	<u>A</u>
BKR	PHASE A	PHASE B	PHASE C	DESCRIPTION	DESCRIPTION	PHASE C	PHASE B	PHASE A	BKR	¢ #	CIR #	BKR	PHASE A	PHASE B	P
20A/1P	240		<b>A</b>	GEN. BATT. CHARGER	FUEL MAINT. SYSTEM			600	20A/1P	2	1		4107		T
20A/1P		1250			SPARE		0		20A/1P	4	3	60A/3P		4107	
20A/1P		<u>}</u>	1250	JACKET WATER HEATER	FUEL TANK ALARM PNL	100			20A/1P	6	5	-			4
20A/1P	44			WALL MOUNTED LIGHTS	SPARE			0	20A/1P	8	7		685		
20A/1P		400		SPARE	SPARE		400		20A/1P	10	9	15A/3P		685	
20A/1P			180	GEN. GFCI RECEPTACLE	PANEL REC.	180			20A/1P	12	11				
20A/1P	400			SPARE	SPARE			400	20A/1P	14	13	20A/1P	400		
20A/1P		400		Ļ	Ļ		400		20A/1P	16	15	20A/1P		400	
20A/1P			400	Ļ	Ļ	400			20A/1P	18	17	15A/1P			T
	0			SPACE	SPACE			0		20	19		0		
Ļ		0		Ļ	Ļ		0		Ļ	22	21	Ļ		0	
Ļ			0	Ļ	Ļ	0			Ļ	24	23	Ļ			
Ļ	0			Ļ	Ļ			0	Ļ	26	25	Ļ	0		
Ļ		0		Ļ	Ļ		0		Ļ	28	27	Ļ		0	
Ļ			0	Ļ	Ļ	0			Ļ	30	29	Ļ			
Ļ	0			Ļ	Ļ			0	Ļ	32	31	↓	0		
Ļ		0		Ļ	Ļ		0		Ļ	34	33	Ļ		0	
Ļ			0	Ļ	Ļ	0			Ļ	36	35	↓			
Ļ	0			Ļ	Ļ			0	Ļ	38	37	↓	0		
Ļ		0		Ļ	Ļ		0		Ļ	40	39	↓		0	
Ļ			0	Ļ	↓ →	0			Ļ	42	41	↓			
AL Ø LOA	DS (VA)	:		PHASE A = 1684	PHASE B = 2850	PHASE	C = 251				то	TAL Ø LOA	ADS (VA)	:	
AL Ø LOA	DS (A):			PHASE A = 14	PHASE B = 24	PHASE	C=(21)				TO	TAL Ø LOA	ADS (A):		
AL LOAD:			K	7044 VA	20 A						то	TAL LOAD	:		
E:			<u> </u>	<u></u>		•					NO	TE:			
	20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	A $20A/1P$ $240$ $20A/1P$ $240$ $20A/1P$ $20A/1P$ $20A/1P$ $44$ $20A/1P$ $44$ $20A/1P$ $400$ $20A/1P$ $400$ $20A/1P$ $00$ $20A/1P$ $00$ $20A/1P$ $00$ $100$ $00$ $100$ $00$ $100$ $00$ $100$ $00$ $100$ $00$ $100$ $00$ $100$ $00$ $100$ $00$ $100$ $00$ $100$ $00$ $100$ $00$ $100$ $00$ $1000$ $000$ $1000000000000000000000000000000000000$	A       B $20A/1P$ $240$ $20A/1P$ $1250$ $20A/1P$ $400$ $20A/1P$ $0$ $100$ $0$ $100$ $0$ $100$ $0$ $100$ $0$ $100$ $0$ $100$ $0$ $100$ $0$ $100$ $0$ $100$ $0$ $100$ $0$ $100$ $0$ $100$ $0$ $100$ $0$	A       B       C $20A/1P$ $240$ $3$ $20A/1P$ $1250$ $3$ $20A/1P$ $440$ $1250$ $20A/1P$ $400$ $20A/1P$ $20A/1P$ $400$ $0$ $20A/1P$ $0$ $0$ $20A/1P$ $0$ $0$ $10$ $0$ $0$ $10$ $0$ $0$ $10$ $0$ $0$ $10$ $0$ $0$ $10$ $0$ $0$ $10$ $0$ $0$ $10$ $0$ $0$ $10$ $0$ $0$	ABC20A/1P2403GEN_BATT_CHARGER20A/1P1250JACKET WATER HEATER20A/1P1250JACKET WATER HEATER20A/1P440SPARE20A/1P400SPARE20A/1P180GEN. GFCI RECEPTACLE20A/1P400 $\downarrow$ 20A/1P400 $\downarrow$ 20A/1P0 $\downarrow$ 20A/1P0 $\downarrow$ 10 $\downarrow$ 20A/1P0 $\downarrow$ 10 $\downarrow$ 20A/1P0 $\downarrow$ </td <td>ABC20A/1P2403GEN_BATT_CHARGERFUEL MAINT. SYSTEM20A/1P1250JACKET WATER HEATERFUEL TANK ALARM PNL20A/1P44WALL MOUNTED LIGHTSSPARE20A/1P400SPARESPARE20A/1P400SPARESPARE20A/1P400SPARESPARE20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P0JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ</td> <td>A       B       C       C         20A/1P       240       3       GEN. BATT. CHARGER       FUEL MAINT. SYSTEM       PARE         20A/1P       1250       JACKET WATER HEATER       FUEL MAINT. SYSTEM       PARE         20A/1P       44       WALL MOUNTED LIGHTS       SPARE       PARE         20A/1P       440       SPARE       SPARE       PARE         20A/1P       400       SPARE       SPARE       PARE         20A/1P       400       J       J       400         20A/1P       400       J       J       0         J       0       J       J       0         J       0       J       J       0</td> <td>A       B       C       C       B         200/1P       240       3       GEN. BATT. CHARGER       FUEL MAINT. SYSTEM       0         200/1P       1250       JACKET WATER HEATER       FUEL TANK ALARM PNL       100       0         200/1P       44       WALLMOUNTED LIGHTS       SPARE       0         200/1P       400       SPARE       SPARE       400         200/1P       400       1       400       1       400         200/1P       400       1       1       0       1       400         200/1P       400       1       1       0       1       0       1         1       0       1       1</td> <td>A       B       C       C       B       A         200/1P       240       3       GEN_BATT, CHARGER       FUEL MAINT, SYSTEM       0       600         200/1P       1250       JACKET WATER HEATER       PARE       0       0         200/1P       1250       JACKET WATER HEATER       PARE       0       0         200/1P       44       WALLMOUNTED LIGHTS       SPARE       400       0         200/1P       400       SPARE       SPARE       400       0         200/1P       400       1       1       400       1       0         200/1P       400       1       1       400       1       0       1       0         200/1P       400       1       1       0       1       0       1       0       1       0         200/1P       400       1       1       0       1       0       1       0       1</td> <td>A         B         C         C         B         A           204/1P         240         GEN, BATT, CHARGER         FUEL MAINT, SYSTEM         600         204/1P           204/1P         1250         JACKET WATER HEATER         PARE         0         204/1P           204/1P         1250         JACKET WATER HEATER         PARE         0         204/1P           204/1P         44         WALLMOUNTED LIGHTS         SPARE         400         204/1P           204/1P         400         SPARE         SPARE         400         204/1P           204/1P         180         GEN. GFCI RECEPTACLE         PANEL REC.         180         204/1P           204/1P         400         SPARE         SPARE         400         204/1P           204/1P         400         1         1         400         204/1P           204/1P         400         SPARE         SPARE         400         204/1P           204/1P         400         1         400         204/1P         204/1P           204/1P         400         1         1         0         1         204/1P           204/1P         400         1         1         0         1<!--</td--><td>A         B         C         C         B         A         #           20A/1P         240         GEN BATT. CHARGER         FUEL MAINT. SYSTEM         0         20A/1P         2           20A/1P         1250         JACKET WATER HEATER         FPARE         0         20A/1P         4           20A/1P         1250         JACKET WATER HEATER         FUEL TANK ALARM PNL         100         20A/1P         4           20A/1P         44         WALL MOUNTED LIGHTS         SPARE         0         20A/1P         8           20A/1P         400         SPARE         SPARE         400         20A/1P         10           20A/1P         400         SPARE         SPARE         400         20A/1P         12           20A/1P         400         SPARE         SPARE         400         20A/1P         12           20A/1P         400         1         1         400         20A/1P         16           20A/1P         400         1         1         400         20A/1P         16           20A/1P         400         1         1         0         1         22A/1P         16           20A/1P         1         1</td><td>BRR       PHASE       PHASE</td><td>BRR         PHASE         PHASE         PHASE         PHASE         PHASE         PHASE         PHASE         PHASE         BKR         #         #         #         BKR         #         #         #         #         #         #         #         #         #         #         #         #         #         #         #         #         #</td><td>BRR         PHASE         P</td><td>BRR       PHAGE       PHAGE      PHAGE       PHAGE       PH</td></td>	ABC20A/1P2403GEN_BATT_CHARGERFUEL MAINT. SYSTEM20A/1P1250JACKET WATER HEATERFUEL TANK ALARM PNL20A/1P44WALL MOUNTED LIGHTSSPARE20A/1P400SPARESPARE20A/1P400SPARESPARE20A/1P400SPARESPARE20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P400JJ20A/1P0JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ10JJ	A       B       C       C         20A/1P       240       3       GEN. BATT. CHARGER       FUEL MAINT. SYSTEM       PARE         20A/1P       1250       JACKET WATER HEATER       FUEL MAINT. SYSTEM       PARE         20A/1P       44       WALL MOUNTED LIGHTS       SPARE       PARE         20A/1P       440       SPARE       SPARE       PARE         20A/1P       400       SPARE       SPARE       PARE         20A/1P       400       J       J       400         20A/1P       400       J       J       0         J       0       J       J       0         J       0       J       J       0	A       B       C       C       B         200/1P       240       3       GEN. BATT. CHARGER       FUEL MAINT. SYSTEM       0         200/1P       1250       JACKET WATER HEATER       FUEL TANK ALARM PNL       100       0         200/1P       44       WALLMOUNTED LIGHTS       SPARE       0         200/1P       400       SPARE       SPARE       400         200/1P       400       1       400       1       400         200/1P       400       1       1       0       1       400         200/1P       400       1       1       0       1       0       1         1       0       1       1	A       B       C       C       B       A         200/1P       240       3       GEN_BATT, CHARGER       FUEL MAINT, SYSTEM       0       600         200/1P       1250       JACKET WATER HEATER       PARE       0       0         200/1P       1250       JACKET WATER HEATER       PARE       0       0         200/1P       44       WALLMOUNTED LIGHTS       SPARE       400       0         200/1P       400       SPARE       SPARE       400       0         200/1P       400       1       1       400       1       0         200/1P       400       1       1       400       1       0       1       0         200/1P       400       1       1       0       1       0       1       0       1       0         200/1P       400       1       1       0       1       0       1       0       1	A         B         C         C         B         A           204/1P         240         GEN, BATT, CHARGER         FUEL MAINT, SYSTEM         600         204/1P           204/1P         1250         JACKET WATER HEATER         PARE         0         204/1P           204/1P         1250         JACKET WATER HEATER         PARE         0         204/1P           204/1P         44         WALLMOUNTED LIGHTS         SPARE         400         204/1P           204/1P         400         SPARE         SPARE         400         204/1P           204/1P         180         GEN. GFCI RECEPTACLE         PANEL REC.         180         204/1P           204/1P         400         SPARE         SPARE         400         204/1P           204/1P         400         1         1         400         204/1P           204/1P         400         SPARE         SPARE         400         204/1P           204/1P         400         1         400         204/1P         204/1P           204/1P         400         1         1         0         1         204/1P           204/1P         400         1         1         0         1 </td <td>A         B         C         C         B         A         #           20A/1P         240         GEN BATT. CHARGER         FUEL MAINT. SYSTEM         0         20A/1P         2           20A/1P         1250         JACKET WATER HEATER         FPARE         0         20A/1P         4           20A/1P         1250         JACKET WATER HEATER         FUEL TANK ALARM PNL         100         20A/1P         4           20A/1P         44         WALL MOUNTED LIGHTS         SPARE         0         20A/1P         8           20A/1P         400         SPARE         SPARE         400         20A/1P         10           20A/1P         400         SPARE         SPARE         400         20A/1P         12           20A/1P         400         SPARE         SPARE         400         20A/1P         12           20A/1P         400         1         1         400         20A/1P         16           20A/1P         400         1         1         400         20A/1P         16           20A/1P         400         1         1         0         1         22A/1P         16           20A/1P         1         1</td> <td>BRR       PHASE       PHASE</td> <td>BRR         PHASE         PHASE         PHASE         PHASE         PHASE         PHASE         PHASE         PHASE         BKR         #         #         #         BKR         #         #         #         #         #         #         #         #         #         #         #         #         #         #         #         #         #</td> <td>BRR         PHASE         P</td> <td>BRR       PHAGE       PHAGE      PHAGE       PHAGE       PH</td>	A         B         C         C         B         A         #           20A/1P         240         GEN BATT. CHARGER         FUEL MAINT. SYSTEM         0         20A/1P         2           20A/1P         1250         JACKET WATER HEATER         FPARE         0         20A/1P         4           20A/1P         1250         JACKET WATER HEATER         FUEL TANK ALARM PNL         100         20A/1P         4           20A/1P         44         WALL MOUNTED LIGHTS         SPARE         0         20A/1P         8           20A/1P         400         SPARE         SPARE         400         20A/1P         10           20A/1P         400         SPARE         SPARE         400         20A/1P         12           20A/1P         400         SPARE         SPARE         400         20A/1P         12           20A/1P         400         1         1         400         20A/1P         16           20A/1P         400         1         1         400         20A/1P         16           20A/1P         400         1         1         0         1         22A/1P         16           20A/1P         1         1	BRR       PHASE       PHASE	BRR         PHASE         PHASE         PHASE         PHASE         PHASE         PHASE         PHASE         PHASE         BKR         #         #         #         BKR         #         #         #         #         #         #         #         #         #         #         #         #         #         #         #         #         #	BRR         PHASE         P	BRR       PHAGE       PHAGE      PHAGE       PHAGE       PH

VOLTAGE: 208/120V, 3Ø, 4W							BREAK	ER AIC: 3	35,000		7				
			BU	S: 225A	(N) PANEL	(N) PANEL 'AC-PNL-1'			MOUNTING: SURFACE						
	М	AIN BRE	AKER: 2	00A/3P			NEMA	1 ENCLO	DSURE						
		L	OAD (V/	4)			L	OAD (V.	A)						
CIR #	BKR	PHASE A	PHASE B	PHASE C	DESCRIPTION	DESCRIPTION	PHASE C	PHASE B	PHASE A	BKR	CIR #				
1		1201							1560	204/25	2				
3	20A/3P		1201		EXISTING LOAD	EXISTING LOAD		1560	30A/2F		4				
5				1201			1560			204/20	6				
7	20A/1P	960			EXISTING LOAD	EXISTING LOAD			1560	30A/2P	8				
9			1201					2080		204/20	10				
11	20A/3P			1201	EXISTING LOAD	EXISTING LOAD	2080			30A/2P	12				
13		1201				SPARE			0 20A/1F		14				
15	20A/1P		0		SPARE	SPARE		0		20A/1P	16				
17	20A/1P			0	Ļ	Ļ	0			20A/1P	18				
19	20A/1P	300			FIRE SUPRESSION PNL	FACP			200	20A/1P	20				
21	20A/1P		0		SPARE	SPARE		0		20A/1P	22				
23	20A/1P			0	Ļ	Ļ	0			20A/1P	24				
25		0			SPACE	SPACE			0		26				
27	$\downarrow$		0		Ļ	Ļ		0		↓	28				
29	Ļ			0	Ļ	Ļ	0			Ļ	30				
31	Ļ	0			Ļ	Ļ			0	Ļ	32				
33	$\downarrow$		0		Ļ	↓		0		Ļ	34				
35	$\downarrow$			0	Ļ	↓	0			↓	36				
37		3960				↓			0	↓	38				
39	200A/3P		4800		PANEL 'AC-PNL-1B'	Ļ		0		Ļ	40				
41				4920		$\downarrow$	0			Ļ	42				
то	FAL Ø LOA	DS (VA)	:		PHASE A = 10942	PHASE B = 10842	PHASE	C = 109	62						
то	FAL Ø LOA	DS (A):			PHASE A = 91	PHASE B = 90	PHASE	C = 91							
то	ral load:				32746 VA	91 A									
NO	TE:														

	VOLTA	GE: 208	,		/			ER AIC: 3			
BUS: 150A MAIN BREAKER: 150A/3P				(N) PA	MOUNTING: SURFACE						
	М		AKER: 1 DAD (VA	,			NEMA 3R ENCLOSURE				
IR #	BKR		PHASE B		DESCRIPTION	DESCRIPTION		PHASE B		BKR	C11 #
1		4107							4107		2
3	60A/3P		4107		FC-1	FC-2		4107		60A/3P	4
5				4107			4107				6
7		685							685		8
9	15A/3P		685		CU-1	CU-2		685		15A/3P	10
1				685	-		685				12
	20A/1P	400	400		SPARE			100	400	20A/1P	14
	20A/1P		400	1/0	↓ HEATER PAD FOR CU-1	HVAC ROOF REC. HEATER PAD FOR CU-2	1(0	180		20A/1P	
/ 9	15A/1P	0		168			168		0	15A/1P	-
-		0	0		SPACE	SPACE		0	0		20
1 3	↓ ↓		0	0	↓ ↓	↓ ↓	0	0		↓ ↓	22 24
3 5	↓ I	0		0	↓ ↓	↓ ↓			0	↓ ↓	24
.5 :7	↓		0		↓ ↓	↓ ↓		0		↓ ↓	28
9	<u>+</u>			0	↓ ↓	↓ ↓	0			↓	30
1	• ↓	0			↓ ↓	↓ ↓			0	↓	32
3	 ↓	-	0		↓	<b>↓</b>	+	0	-	<b>↓</b>	34
5	↓			0	Ļ	↓ ↓	0			↓ ↓	36
7	Ļ	0			Ļ	↓ ↓			0	Ļ	38
9	$\downarrow$		0		↓ ↓	↓	1	0		Ļ	40
1	Ļ			0	Ļ	↓	0			Ļ	42
OT,	AL Ø LOA	DS (VA)	:		PHASE A = 10384	PHASE B = 10164	PHASE	C = 992	0		1
ОТ	AL Ø LOA	DS (A):			PHASE A = 86	PHASE B = 85	PHASE	C = 83			
$\gamma \tau$	AL LOAD:				30468 VA	85 A					
	TE: Volta	AGE: 120	)/208V, .	3Ø, 4W							$\leq$
	VOLTA	AGE: 120 AIN BRE			(E) PANEL	'AC-PNL-1'	MOUN	TING: SL	JRFACE		$\leq$
	VOLTA	AIN BRE		00A/3P	(E) PANEL	'AC-PNL-1'		ting: sl			
	VOLTA	AIN BRE	AKER: 1	00A/3P 4)	(E) PANEL	<b>'AC-PNL-1'</b> DESCRIPTION			A)	BKR	
	VOLTA M	AIN BRE	AKER: 1 DAD (V/ PHASE	00A/3P A) PHASE			L PHASE	OAD (V. PHASE	A) PHASE	BKR	#
IO IR #	VOLTA M	AIN BRE	AKER: 1 DAD (V/ PHASE	00A/3P A) PHASE C	DESCRIPTION SPACE	DESCRIPTION	L PHASE	OAD (V. PHASE	A) PHASE	BKR	# 41
IR # 2 0	VOLTA M BKR	AIN BRE	AKER: 1 DAD (V/ PHASE	00A/3P A) PHASE	DESCRIPTION SPACE	DESCRIPTION	L PHASE	OAD (V. PHASE	A) PHASE		# 41 39 37
IO IR # -2 -0 :8 :6	VOLTA M BKR	AIN BRE	AKER: 1 DAD (V/ PHASE B	00A/3P A) PHASE C	DESCRIPTION SPACE	DESCRIPTION SPACE ↓	L PHASE	OAD (V/ PHASE B	A) PHASE		# 41 39 37 35
IR # -2 -0 -38 	VOLTA M BKR	AIN BRE	AKER: 1 DAD (V/ PHASE	00A/3P A) PHASE C	DESCRIPTION SPACE	DESCRIPTION SPACE ↓ ↓	PHASE C	OAD (V. PHASE	A) PHASE A	→ →	# 41 39 37 35 35
IR # -2 -0 -2 -0 -2 -2 -0 -2 -2 -0 -2 -2 -2 -2 2 -	VOLTA M BKR ↓ ↓ 20A/3P	AIN BRE	AKER: 1 DAD (V/ PHASE B	00A/3P A) PHASE C	DESCRIPTION SPACE	DESCRIPTION SPACE ↓ ↓	L PHASE	OAD (V/ PHASE B	A) PHASE A 1560	→ →	# 41 39 37 35 33 31
IR # -2 -0 -8 -8 -6 -4 -2 -0 -8 -8 -6 -4 -2 -0 -0 -8 -8 -6 -4 -2 -2 -0 -0 -8 -8 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	VOLTA M BKR	AIN BRE	AKER: 1 DAD (V/ PHASE B 1201	00A/3P A) PHASE C	DESCRIPTION SPACE	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD	PHASE C	OAD (V PHASE B 1560	A) PHASE A	↓ ↓ 30A/2P	# 41 39 37 35 33 31 29
IR # -2 -0 -8 -8 -6 -6 -6 -6 -6 -6 -6 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7 -7	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P	AIN BRE	AKER: 1 DAD (V/ PHASE B	00A/3P A) PHASE C	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD	Lu PHASE C	OAD (V/ PHASE B	A) PHASE A 1560	↓ ↓ 30A/2P	# 41 39 37 35 33 31 29 27
IR # 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 6	VOLTA M BKR ↓ ↓ 20A/3P	AIN BRE PHASE A 1201 960	AKER: 1 DAD (V/ PHASE B 1201	00A/3P A) PHASE C	DESCRIPTION SPACE	DESCRIPTION SPACE ↓ EXISTING LOAD EXISTING LOAD EXISTING LOAD	PHASE C	OAD (V PHASE B 1560	A) PHASE A 1560 1560	↓ ↓ 30A/2P 30A/2P 30A/2P	# 411 399 377 355 333 311 299 277 255
IR # -2 -2 -0 -3 -2 -0 -3 -2 -0 -3 -3 -2 -2 -0 -3 -3 -2 -2 -3 -3 -3 -2 -3 -3 -3 -4 	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/3P	AIN BRE	AKER: 1 DAD (V/ PHASE B 1201 1201	00A/3P A) PHASE C	DESCRIPTION SPACE	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	Lu PHASE C	OAD (V. PHASE B 1560 2080	A) PHASE A 1560	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P	# 41 39 37 35 33 31 29 27 25 23
IR # -2 -0 -8 -2 -0 -8 -2 -0 -8 -2 -0 -8 -2 -0 -8 -2 -2 -0 -8 -2 -2 -0 -8 -8 -6 -6 -4 -2 -2 -2 -0 -8 -8 -6 -6 -4 -4 -2 -2 	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960	AKER: 1 DAD (V/ PHASE B 1201	00A/3P A) PHASE C 1201 1201	DESCRIPTION SPACE	DESCRIPTION SPACE ↓ EXISTING LOAD EXISTING LOAD EXISTING LOAD	Li PHASE C 1 1560 2080	OAD (V PHASE B 1560	A) PHASE A 1560 1560	↓ ↓ 30A/2P 30A/2P 30A/2P	# 41 39 37 35 33 31 29 27 25 23 21
IR # 22 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 8 6 4 2 0 8 8 6 4 2 0 8 8 6 4 2 0 0 8 8 6 6 4 9 0 9 0 9 0 9 0 9 0 9 0 9 0 9 0 9 0 9	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960 1201	AKER: 1 DAD (V/ PHASE B 1201 1201	00A/3P A) PHASE C	DESCRIPTION SPACE J EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	Lu PHASE C	OAD (V. PHASE B 1560 2080	A) PHASE A 1560 1560 720	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P	# 41 39 37 35 33 31 29 27 25 23 21 19
IR # 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 8 6 4 9 0 8 8 6 9 8 8 8 8 9 8 8 9 8 8 8 8 8 8 8 8	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960	AKER: 1 DAD (V/ PHASE B 1201 1201 1201	00A/3P A) PHASE C 1201 1201	DESCRIPTION SPACE J EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	DESCRIPTION SPACE ↓ EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	Li PHASE C 1 1560 2080	OAD (V. PHASE B 1560 2080 960	A) PHASE A 1560 1560	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 30A/2P	# 41 39 37 35 33 31 29 27 25 21 21 19 17
IR # 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 6 4 2 0 8 6 6 4 0 0 8 6 6 4 0 0 8 8 6 6 9 8 8 6 6 9 8 8 8 8 8 8 8 8 8 8	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960 1201	AKER: 1 DAD (V/ PHASE B 1201 1201	00A/3P A) PHASE C 1201 1201 1201 960	DESCRIPTION SPACE J EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	Li PHASE C 1 1560 2080 1560	OAD (V. PHASE B 1560 2080	A) PHASE A 1560 1560 720	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 30A/2P 30A/1P	# 41 39 37 35 33 31 29 27 25 23 21 19 17 15
IR # -2 -0 -3 -3 -0 -3 -3 -6 -4 -2 -0 -3 -3 -6 -4 -2 -0 -3 -8 -6 -6 -4 -2 -0 -8 -6 -6 -4 -2 -0 -8 -6 -6 -4 -4 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960 1201	AKER: 1 DAD (V/ PHASE B 1201 1201 1201	00A/3P A) PHASE C 1201 1201	DESCRIPTION SPACE J EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	DESCRIPTION SPACE ↓ EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	Li PHASE C 1 1560 2080	OAD (V. PHASE B 1560 2080 960	A) PHASE A 1560 1560 720 1560	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 30A/2P 30A/1P 20A/1P	# 41 39 37 35 33 31 29 27 25 23 21 19 17 15 13
IR # 22 00 88 66 44 22 00 88 66 44 22	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960 1201	AKER: 1 DAD (V/ PHASE B 1201 1201 1201	00A/3P A) PHASE C 1201 1201 1201 960	DESCRIPTION SPACE J EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	Li PHASE C 1 1560 2080 1560	OAD (V. PHASE B 1560 2080 960	A) PHASE A 1560 1560 720	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 30A/2P 30A/2P 30A/1P 20A/1P	# 41 39 37 35 33 31 29 27 25 23 21 19 17 15 13 11
IR # 20 8 6 4 20 8 6 4 20 8 6 4 20 8 6 4 20 8 6 4 20 8 6 4 20 8 6 4 20 8 6 4 20 8 6 4 20 8 6 4 20 0 8 6 4 20 0 8 6 6 4 0 0 8 6 6 4 0 0 8 6 6 9 6 9 8 8 6 9 8 8 8 8 9 8 8 8 9 8 9	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960 1201	AKER: 1 DAD (V/ PHASE B 1201 1201 1201	00A/3P A) PHASE C 1201 1201 1201 960	DESCRIPTION SPACE J EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD EXISTING LOAD	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD EXISTING LOAD	Lu PHASE C 1 1560 2080 1560 1560 720	OAD (V. PHASE B 1560 2080 960 1920	A) PHASE A 1560 1560 720 1560	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	# 411 399 377 355 331 299 277 255 233 211 199 177 155 133 111 99
IR # 2086420864208864208864200886442008866644200886664420088666442008866644200886664420088666442008866644200886666440088666644200886666442008866664442008866664442008866664442008866664442008866664442008866664440088666644400886666666666	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960 1201	AKER: 1 DAD (V/ PHASE B 1201 1201 1201	00A/3P A) PHASE C 1201 1201 1201 960	DESCRIPTION SPACE J EXISTING LOAD EXISTING LOAD	DESCRIPTION SPACE ↓ EXISTING LOAD EXISTING LOAD	Li PHASE C 1 1560 2080 1560	OAD (V. PHASE B 1560 2080 960 1920	A) PHASE A 1560 1560 720 1560	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 30A/2P 30A/2P 30A/1P 20A/1P	# 41 39 37 35 33 31 29 27 25 23 21 19 17 15 13 11 9 7
IR # -2 -0 -8 -6 -4 -2 -0 -8 -6 -4 -2 -0 -8 -6 -4 -2 -0 -8 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6 -6	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960 1201 960	AKER: 1 DAD (V/ PHASE B 1201 1201 1201	00A/3P A) PHASE C 1201 1201 1201 960	DESCRIPTION  SPACE	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD EXISTING LOAD	Lu PHASE C 1 1560 2080 1560 1560 720	OAD (V. PHASE B 1560 2080 960 1920	A) PHASE A 1560 1560 720 1560 720	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	# 41 39 37 35 33 31 29 25 23 21 19 17 15 13 11 9 7 7 5
IR # 22 0 88 66 44 22 0 88 66 44 22 0 8 66 4 22	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960 1201 960	AKER: 1 DAD (V/ PHASE B 1201 1201 1201 960 960	00A/3P A) PHASE C 1201 1201 1201 960	DESCRIPTION  SPACE	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD EXISTING LOAD	Lu PHASE C 1 1560 2080 1560 1560 720	OAD (V. PHASE B 1560 2080 2080 960 1920 960	A) PHASE A 1560 1560 720 1560 720	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	# 411 399 337 35 33 31 299 277 255 237 211 199 177 155 13 111 99 77 5 3
IR # 22 00 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 6 4 2 0 8 8 6 4 2 0 8 8 6 4 2 0 8 8 6 6 4 4 2 0 0 8 8 6 6 10 10 10 10 10 10 10 10 10 10 10 10 10	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960 1201 960 0	AKER: 1 DAD (V/ PHASE B 1201 1201 1201 960 960 960	00A/3P A) PHASE C 1201 1201 1201 960 960	DESCRIPTION  SPACE	DESCRIPTION  SPACE   SPACE    EXISTING LOAD	<ul> <li>Li</li> <li>PHASE</li> <li>C</li> <li>PHASE</li> <li>C</li> <li>I</li> <li>I<td>OAD (V. PHASE B 1560 2080 2080 960 1920 960</td><td>A) PHASE A 1560 1560 720 1560 720 720 0 0</td><td>↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P</td><td>411 397 35 33 31 297 25 23 21 199 177 155 13 111 9</td></li></ul>	OAD (V. PHASE B 1560 2080 2080 960 1920 960	A) PHASE A 1560 1560 720 1560 720 720 0 0	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	411 397 35 33 31 297 25 23 21 199 177 155 13 111 9
IR # -2 -0 -8 -6 -4 -2 -0 -8 -6 -4 -2 -0 -8 -6 -4 -2 -0 -8 -6 -4 -2 -0 -8 -6 -4 -2 -0 -8 -6 -4 -2 -0 -8 -6 -6 -4 -10 -10 -10 -10 -10 -10 -10 -10 -10 -10	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	AIN BRE PHASE A 1201 960 1201 960 0 0 0 0 0 0 0 0 0 0 0 0 0	AKER: 1 DAD (V/ PHASE B 1201 1201 1201 960 960 960	00A/3P A) PHASE C 1201 1201 1201 960 960	DESCRIPTION SPACE $\downarrow$ EXISTING LOAD EXISTING LOAD	DESCRIPTION SPACE ↓ ↓ EXISTING LOAD EXISTING LOAD	<ul> <li>Li</li> <li>PHASE</li> <li>C</li> <li>PHASE</li> <li>C</li> <li>I</li> <li>I<td>OAD (V PHASE B 1560 2080 960 1920 960 960 0 0 0 C = 100</td><td>A) PHASE A 1560 1560 720 1560 720 720 0 0</td><td>↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P</td><td># 411 399 337 35 33 31 299 277 255 237 211 199 177 155 13 111 99 77 5 3</td></li></ul>	OAD (V PHASE B 1560 2080 960 1920 960 960 0 0 0 C = 100	A) PHASE A 1560 1560 720 1560 720 720 0 0	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	# 411 399 337 35 33 31 299 277 255 237 211 199 177 155 13 111 99 77 5 3
IR # 22 00 8 66 4 22 00 8 66 4 2 00 8 6 4 2 00 8 6 4 2 00 7 0 0 7	VOLTA M BKR ↓ ↓ 20A/3P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/3P	AIN BRE PHASE A 1201 960 1201 960 0 1201 0 0 0 0 0 0 0 0 0 0 0 0 0	AKER: 1 DAD (V/ PHASE B 1201 1201 1201 960 960 960	00A/3P A) PHASE C 1201 1201 1201 960 960	DESCRIPTION  SPACE	DESCRIPTION  SPACE   SPACE    EXISTING LOAD  EXIST	Image: constraint of the sector of the se	OAD (V PHASE B 1560 2080 960 1920 960 960 0 0 0 C = 100	A) PHASE A 1560 1560 720 1560 720 720 0 0	↓ ↓ 30A/2P 30A/2P 30A/2P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P 20A/1P	# 411 399 35 33 31 299 27 25 23 21 19 17 15 13 11 9 7 5 3

GENERATOR, ATS, AND UPS											
NAME RATED WEIGHT (Lb & W & D & H MOUNTING											
GENERATOR	125kW	(6188)	134"	<b>6</b> 0"	82"	FREESTANDING					
ATS- 'AT1'	400A	1620	49.12"	36.66"	95.2"	FREESTANDING					
ATS- 'AT2'	400A	1620	49.12"	36.66"	95.2"	FREESTANDING					
60KW UPS	-	2552	59.86"	33.34"	58.46"	FREESTANDING					
FUTURE 60KW UPS	-	2552	59.86"	33.34"	58.46"	FREESTANDING					
	ELEC	TRICA	L DIS	<b>FRIBU</b>	TION						

•	WEIGHT & DIMENSIONS SCHEDULE											
	NAME	СВ	WEIGHT(Ib)	W	D	н	MOUNTING					
	DBEM1	450A	1200	36"	39.03"	91.50"	FREESTANDING					
	DBEM2	250A	1200	36"	39.03"	91.50"	FREESTANDING					
	PANEL 'G'	70A	164	20"	6.5"	50"	SURFACE					
	PANEL 'M'	150A	296	20"	6.5"	50"	SURFACE					
	PANEL 'AC-PNL-1'	200A	204	20"	5.75"	68"	SURFACE					
	PANEL 'AC-PNL-1B'	200A	150	20"	5.75"	50"	SURFACE					
·												

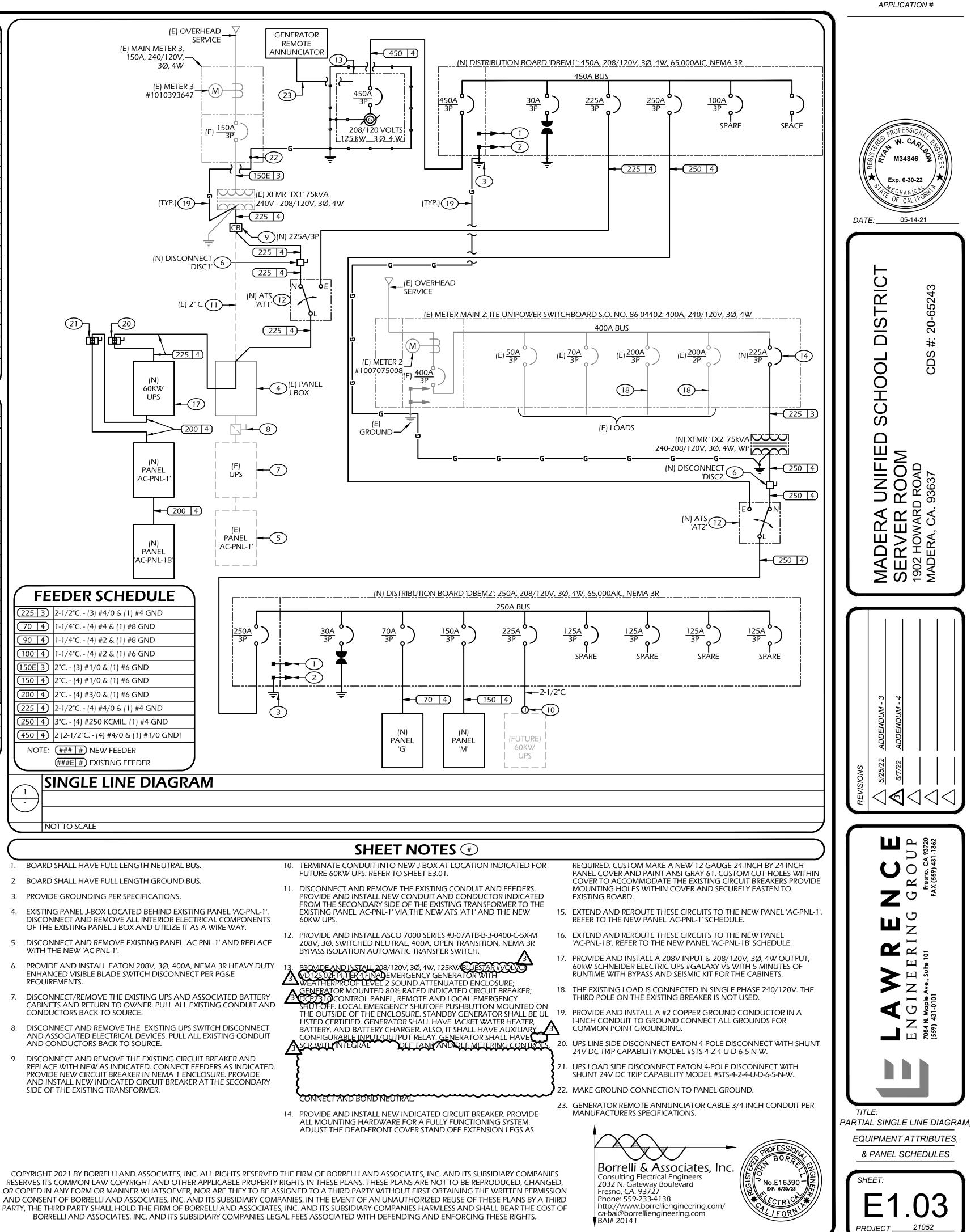
	ANSFOR MENSIC
NAME	WEIGH
75kva XFMR 'TX2'	72

PANEL SHALL HAVE SURGE PROTECTIVE DEVICE.

	VOLT/	AGE: 208	3/120V,	3Ø, 4W			BREAK	ER AIC: 3	35,000		
BUS: 225A					(N) PANEL	'AC-PNL-1B'	MOUN	ting: su	JRFACE		
MAIN BREAKER: 200A/3P							NEMA	I ENCLO	DSURE		
		L	OAD (V.	A)			L	OAD (V.	A)		
CIR #	BKR	PHASE A	PHASE B	PHASE C	DESCRIPTION	DESCRIPTION	PHASE C	PHASE B	PHASE A	BKR	Ch #
1	20A/1P	0			SPARE	EXISTING LOAD			720	20A/1P	2
3	30A/1P		960		EXISTING LOAD	EXISTING LOAD		960		20A/1P	4
5	20A/1P			960	EXISTING LOAD		1560			30A/2P	6
7	20A/1P	960			EXISTING LOAD	EXISTING LOAD			1560	30Ay 2P	8
9	20A/1P		0		SPARE	EXISTING LOAD		1920		30A/1P	1 (
11	20A/1P			960	EXISTING LOAD	EXISTING LOAD	720			20A/1P	12
13	20 <b>A</b> /1P	0			SPARE	EXISTING LOAD			720	20A/1P	14
15	20A/1P		0		Ļ	EXISTING LOAD		960		20A/1P	10
17	20A/1P			0	Ļ	EXISTING LOAD	720			20A/1P	18
19	20 <b>A/</b> 1P	0			Ļ	SPARE			0	20A/1P	20
21	20 <b>A</b> /1P		0		Ļ	Ļ		0		20A/1P	22
23	20A/1P			0	Ļ	$\downarrow$	0			20A/1P	24
25		0			SPACE	SPACE			0		20
27	$\downarrow$		0		Ļ	$\downarrow$		0		Ļ	28
29	Ļ			0	Ļ	Ļ	0			Ļ	30
31	$\downarrow$	0			$\downarrow$	$\downarrow$			0	Ļ	32
33	Ļ		0		Ļ	Ļ		0		Ļ	34
35	Ļ			0	Ļ	$\downarrow$	0			Ļ	30
37	Ļ	0			Ļ	↓			0	Ļ	38
39	Ļ		0		Ļ	$\downarrow$		0		Ļ	4(
41	$\downarrow$			0	$\downarrow$	$\downarrow$	0			Ļ	42
гот	TAL Ø LOA	NDS (VA)	:		PHASE A = 3960	PHASE B = 4800	PHASE	C = 492	0		
гот	TAL Ø LOA	NDS (A):			PHASE A = 33	PHASE B = 40	PHASE	C = 41			
	AL LOAD	:			13680 VA	38 A					

## RMER WEIGHT & ONS SCHEDULE IT(LBS) H W D

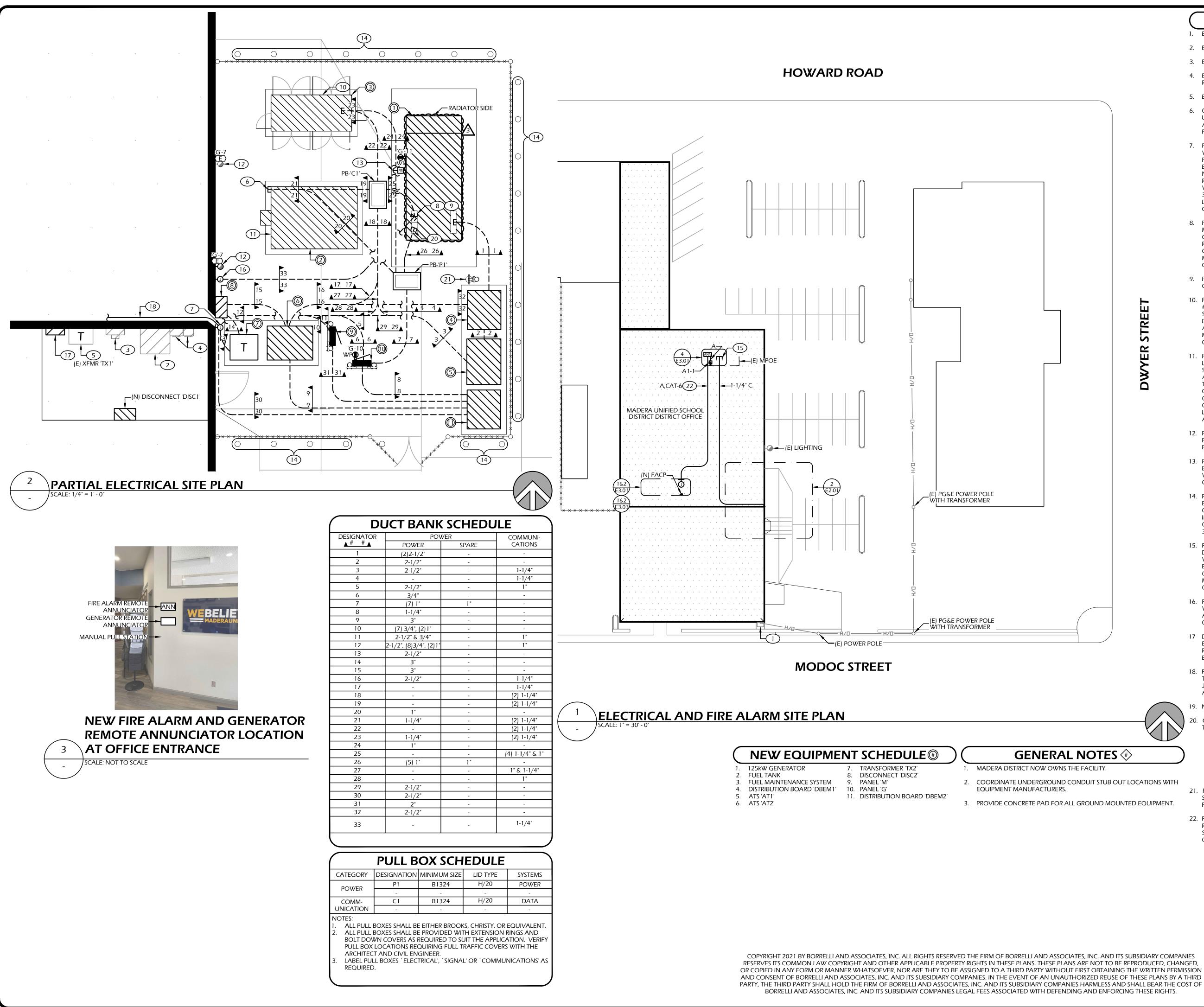
пі(соз)		w	U
27	33.5"	30.06"	27.43"

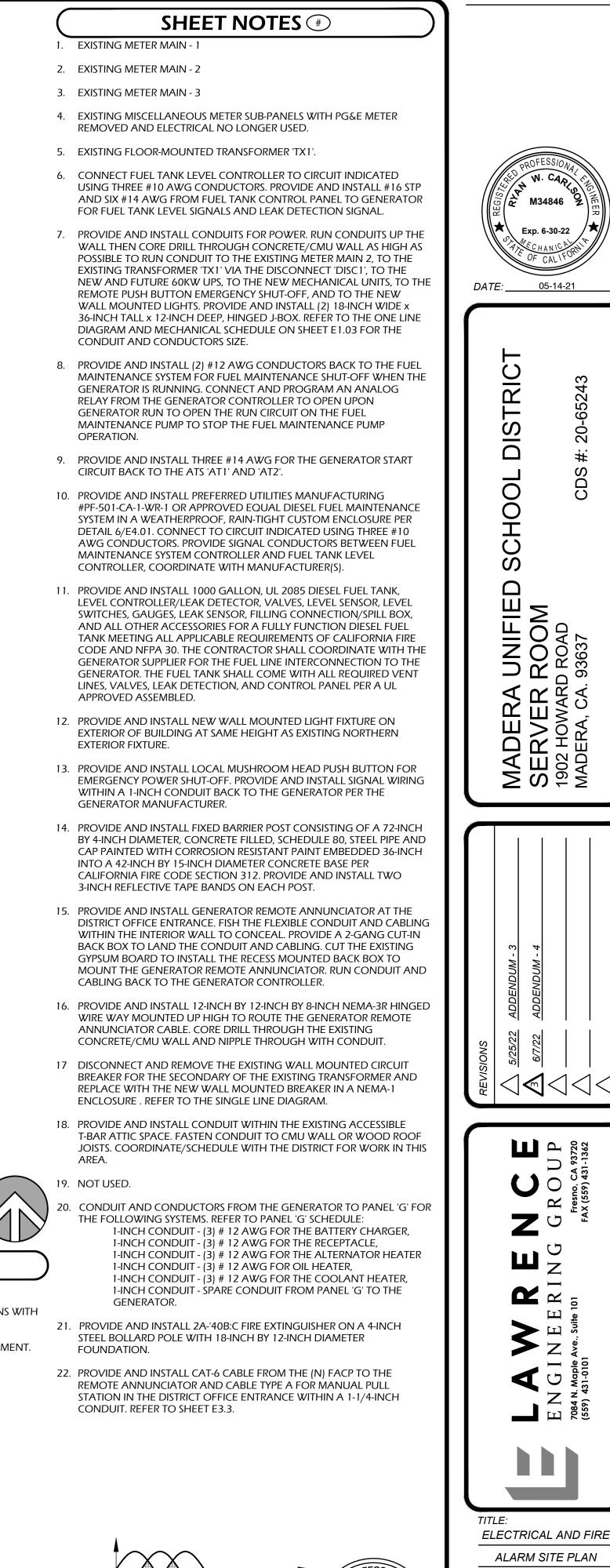


- PROVIDE AND INSTALL EATON 208V, 3Ø, 400A, NEMA 3R HEAVY DUTY 6.
- 8. DISCONNECT AND REMOVE THE EXISTING UPS SWITCH DISCONNECT
- 9. DISCONNECT AND REMOVE THE EXISTING CIRCUIT BREAKER AND

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APPROVALS:





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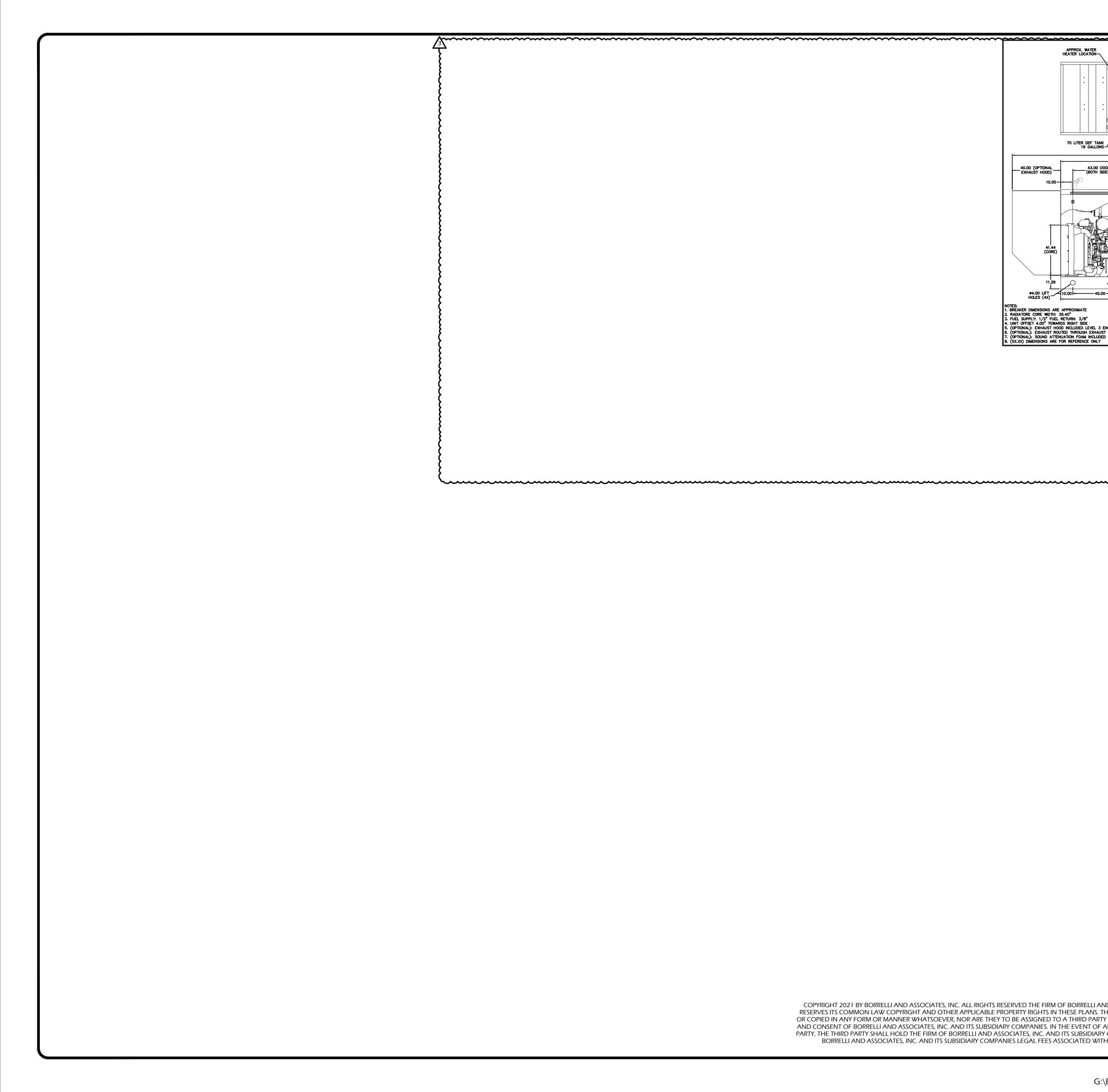
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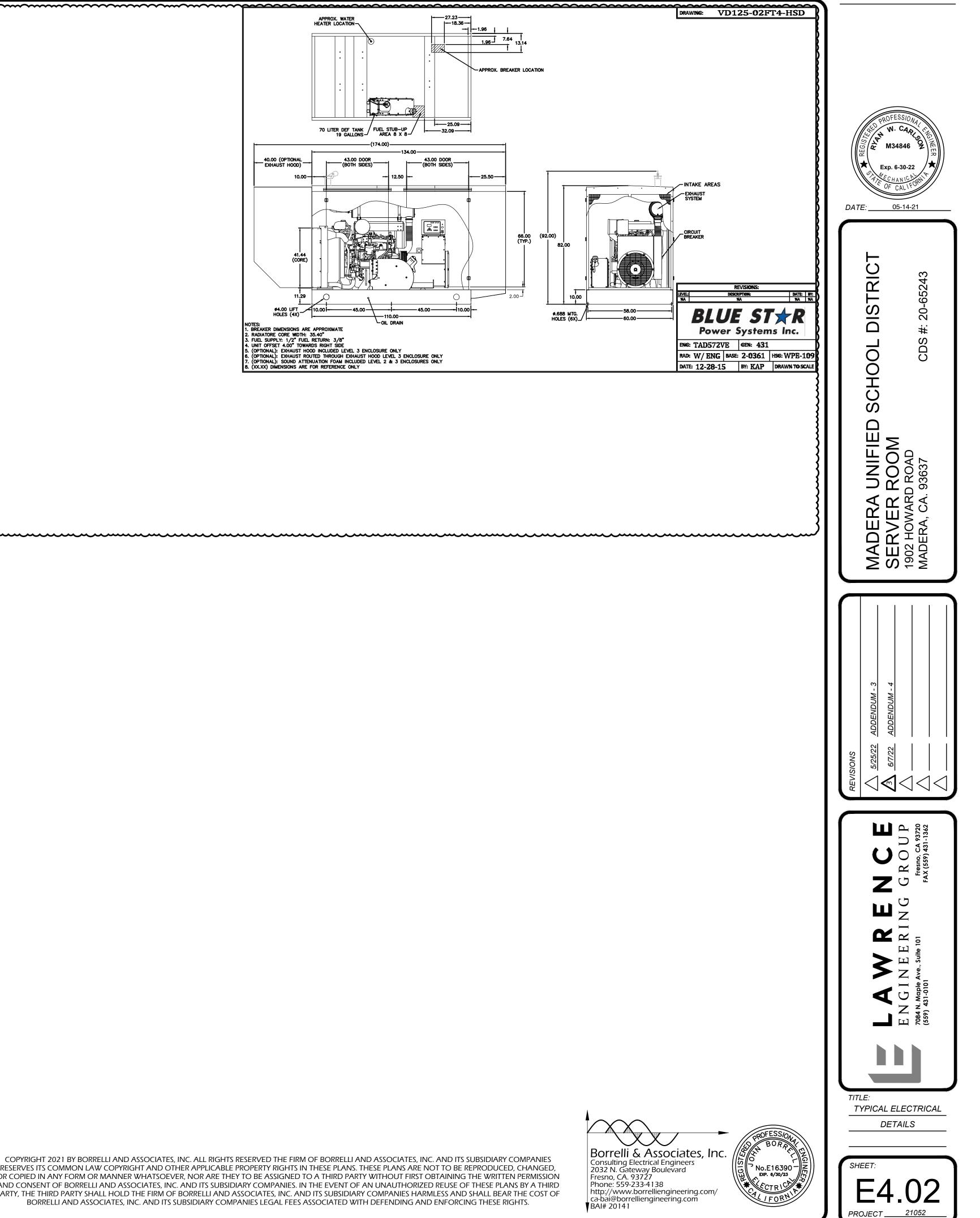
Borrelli & Associates, Inc Consulting Electrical Engineers 2032 N. Gateway Boulevard Fresno, CA. 93727 Phone: 559-233-4138 http://www.borrelliengineering.com/ ca-bai@borrelliengineering.com BAI# 20141



INIFIE ROOM dT D 

SHEET: PROJECT\_





APPROVALS:

APPLICATION #

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