

REV	DATE	DESCRIPTION
A	12/9/25	PRELIMINARY
0	12/24/25	FOR PERMIT

APX PROJECT NO.:	25-0412.54
DRAWN BY:	K. DE LA O
CHECKED BY:	M. ABBEY

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apx
ENGINEERING GROUP

1779 N UNIVERSITY DRIVE, SUITE 205
PEMBROKE PINES, FL 33024
(954) 744-1538

CERTIFICATE OF AUTHORIZATION 31948



THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MICHAEL A. PHILLIPS, P.E. ON THE DATE ADJACENT TO THE SEAL.

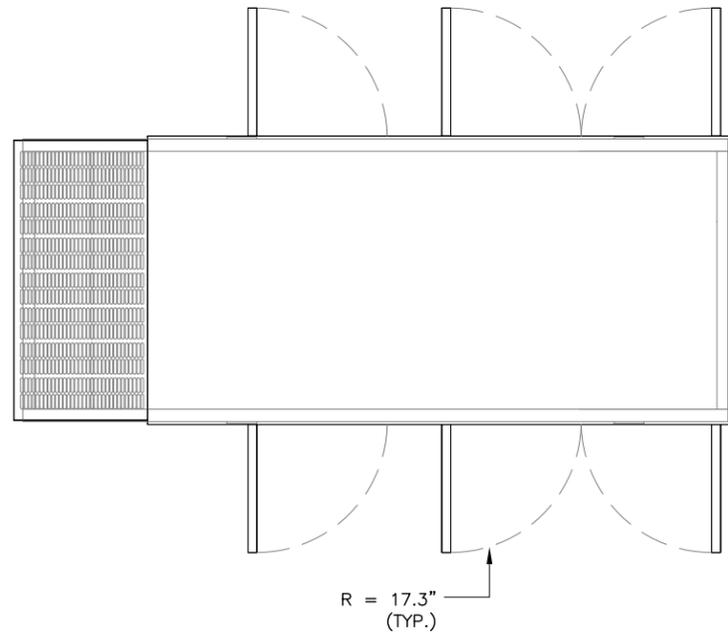
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7114 US-441
LAKE CITY, FL 32055

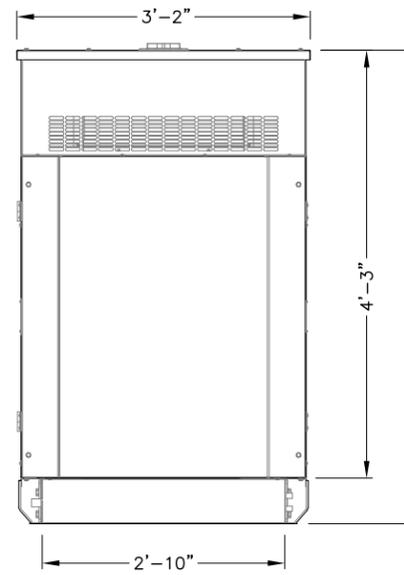
SHEET NAME
COMPOUND PLAN

SHEET NUMBER
C1

ALL INFORMATION ON THIS SHEET IS REPRODUCED FROM MANUFACTURER CUT SHEETS.

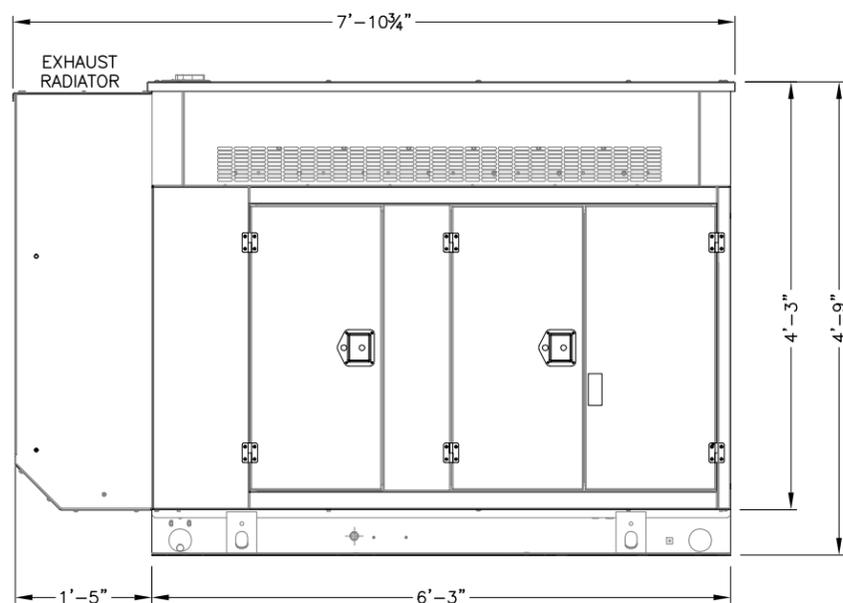


GENERATOR DETAILS	
OUTPUT	50kW
FUEL TYPE	LP/NATURAL GAS



NTS 1 GENERATOR FRONT ELEVATION

NTS 2



GENERATOR SIDE ELEVATION

NTS 3 (NOT USED)

4

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SHEET NAME	DETAILS
SHEET NUMBER	C7

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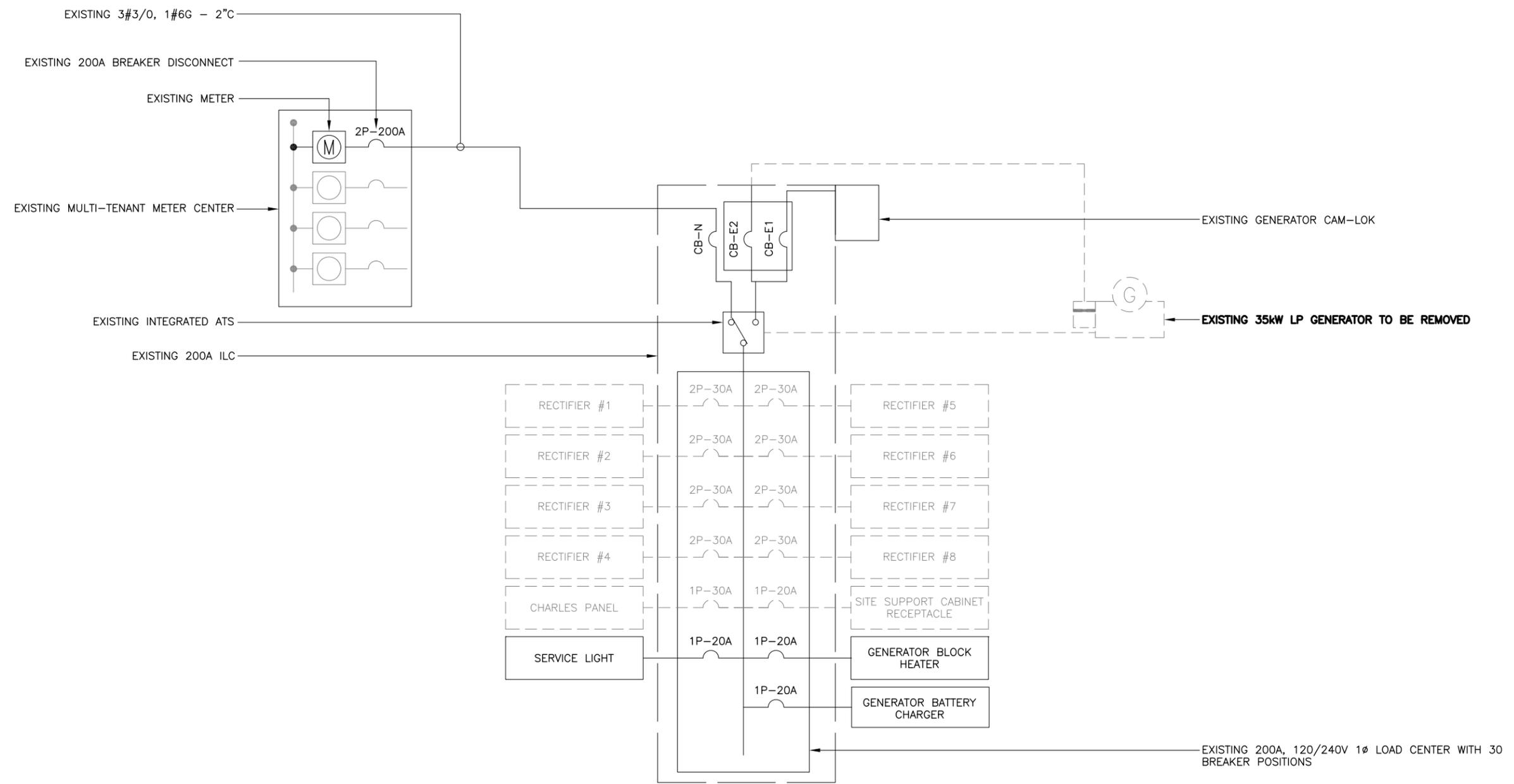
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SHEET NAME
ELECTRICAL DETAILS

SHEET NUMBER
E4A



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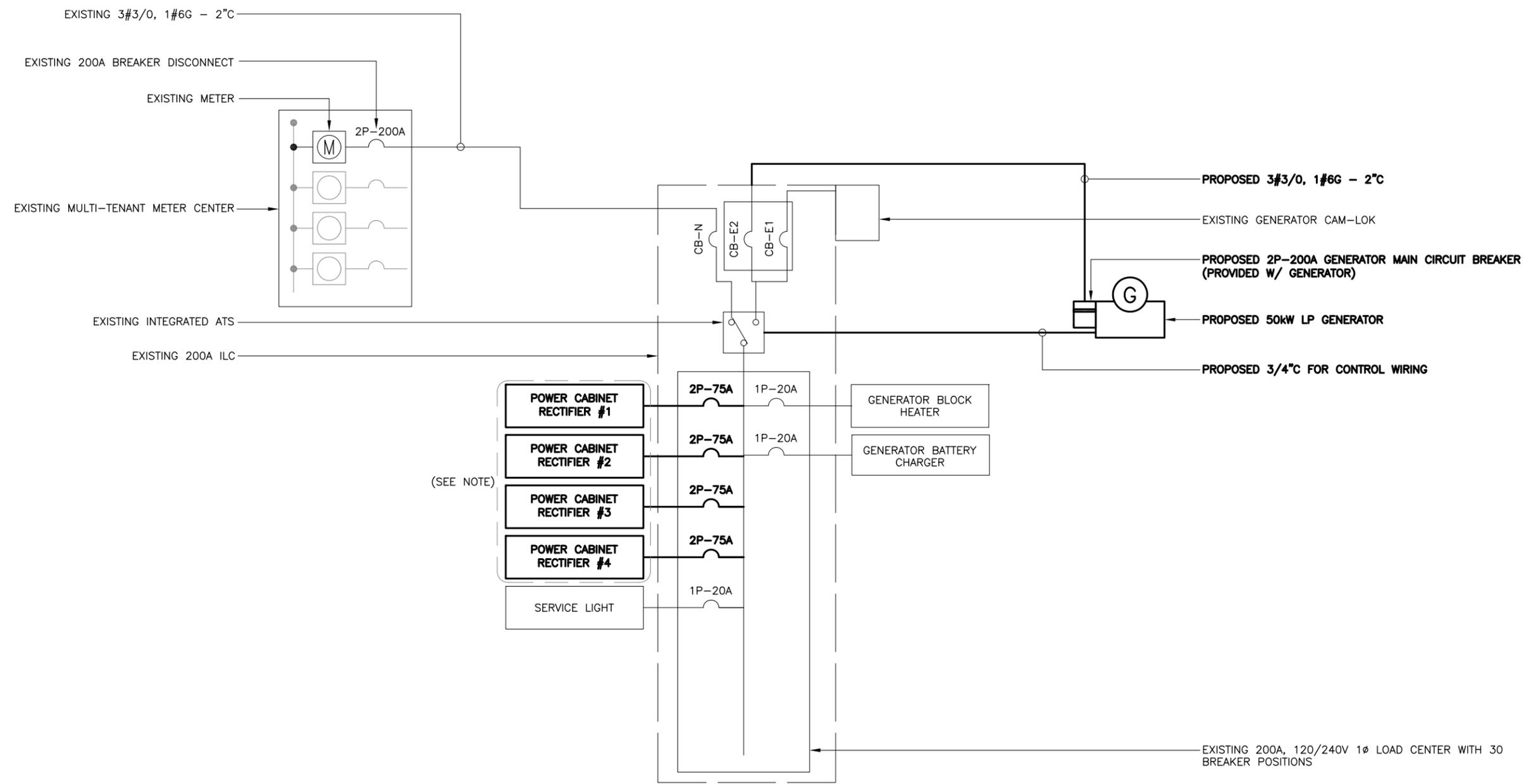
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SHEET NAME
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E4B



NOTE:
PROPOSED CONSOLIDATED POWER AND EQUIPMENT CABINET RECTIFIERS TO BE CONNECTED TO ILC WITH 16#8 AWG AND 2#8 AWG GROUNDS IN PROPOSED 2 INCHES CONDUITS.

PANEL NAME: VZILC		PANEL RATING		200 AMPS		PHASE 1		X MCB		RATING 200 AMP							
LOCATION: H-FRAME		120/240 VOLTS		WIRE 3		WIRE 3		MAIN LUG ONLY									
CKT NO.	DESCRIPTION	kVA		AMP POLE	WIRE	GND	COND	COND	GND	WIRE	AMP POLE	kVA		DESCRIPTION	CKT NO.		
		A	B									A	B				
1	POWER CABINET	1.8	-	75/2	8#8, 1#8G - 2"C							-	-	SPACE	2		
3	RECTIFIER #1	-	1.8											-	-	SPACE	4
5	POWER CABINET	1.8	-											-	-	SPACE	6
7	RECTIFIER #2	-	1.8											-	-	SPACE	8
9	POWER CABINET	1.8	-	75/2	8#8, 1#8G - 2"C							-	-	SPACE	10		
11	RECTIFIER #3	-	1.8											-	-	SPACE	12
13	POWER CABINET	1.8	-											-	-	SPACE	14
15	RECTIFIER #4	-	1.8											-	-	SPACE	16
17	SPACE	-	-									-	-	SPACE	18		
19	SPACE	-	-					(E)	(E)	(E)	20/1	-	0.2	GEN BATT CHARGER	20		
21	SERVICE LIGHT	0.5	-	20/1	(E)	(E)	(E)	(E)	(E)	(E)	20/1	0.8	-	GEN BLOCK HEATER	22		
23	SPACE	-	-									-	-	SPACE	24		
25	SPACE	-	-									-	-	SPACE	26		
27	SPACE	-	-									-	-	SPACE	28		
29	SPACE	-	-									-	-	SPACE	30		
SUB TOTAL kVA (CONT)		0	0									0	0	SUB TOTAL kVA (CONT)			
SUB TOTAL kVA (NON-CONT)		7.7	7.2									0.8	0.2	SUB TOTAL kVA (NON-CONT)			
TOTAL kVA NON-CONT + 125% CONT.				15.9								66.3		TOTAL AMPS			

PANEL SCHEDULE

1

(NOT USED)

2

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E5

