

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



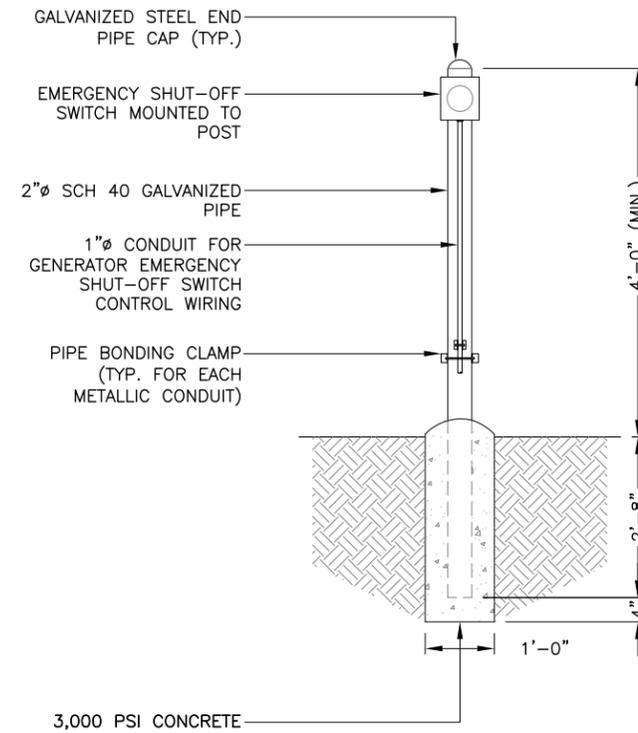
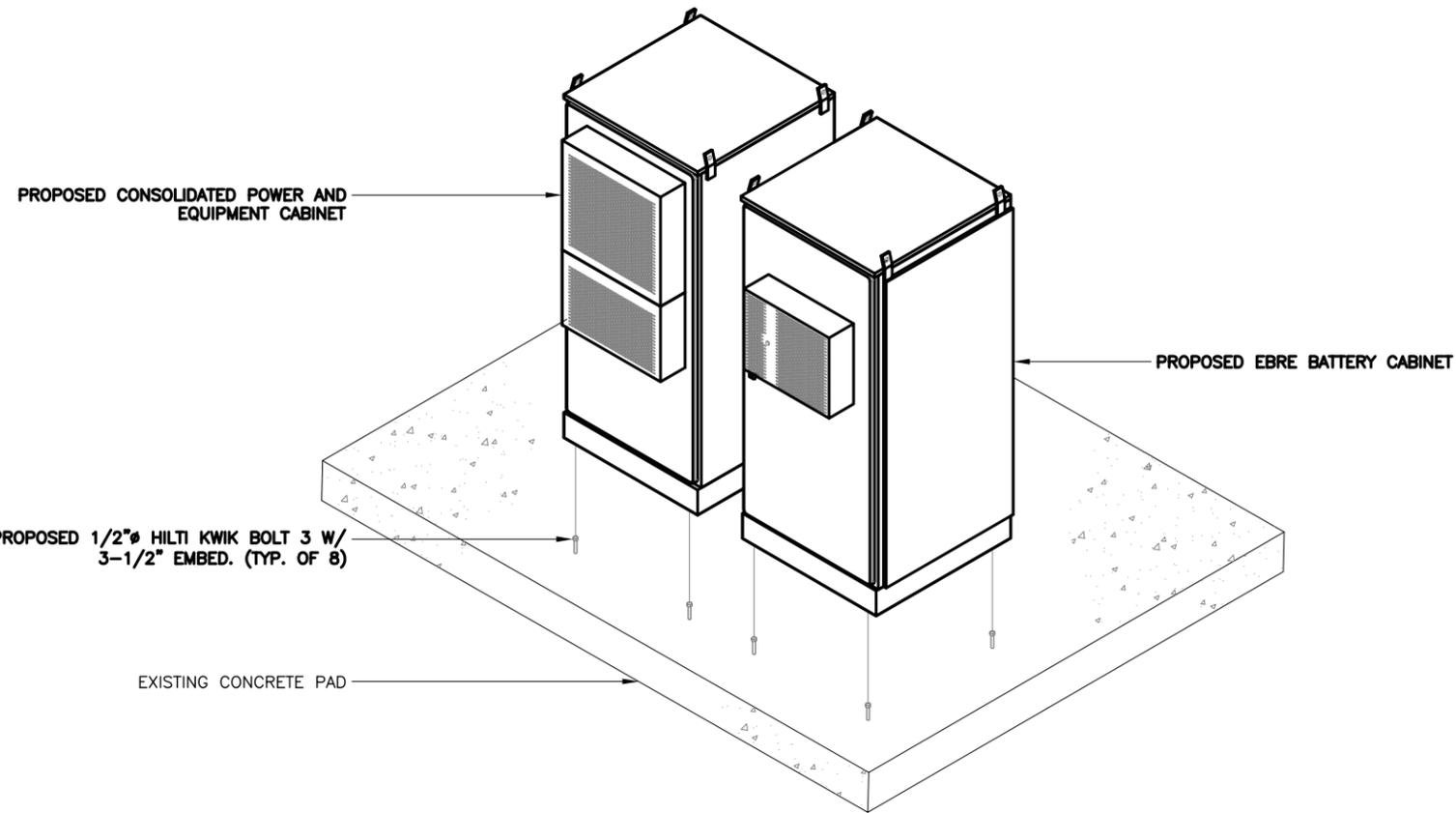
THIS ITEM HAS BEEN DIGITALLY SIGNED AND SEALED BY MICHAEL A. PHILLIPS, P.E. ON THE DATE ADJACENT TO THE SEAL.

SIGNATURE MUST BE VERIFIED ON ANY ELECTRONIC COPIES.

DALE THOMAS
5000040266
7114 US-441
LAKE CITY, FL 32055

SHEET NAME
COMPOUND PLAN

SHEET NUMBER
C1



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SHEET NAME	DETAILS
SHEET NUMBER	C5

CABINET MOUNTING DETAIL

NTS 1

EMERGENCY SHUT-OFF SWITCH DETAIL

NTS 2

(NOT USED)

3 (NOT USED)

4 (NOT USED)

5

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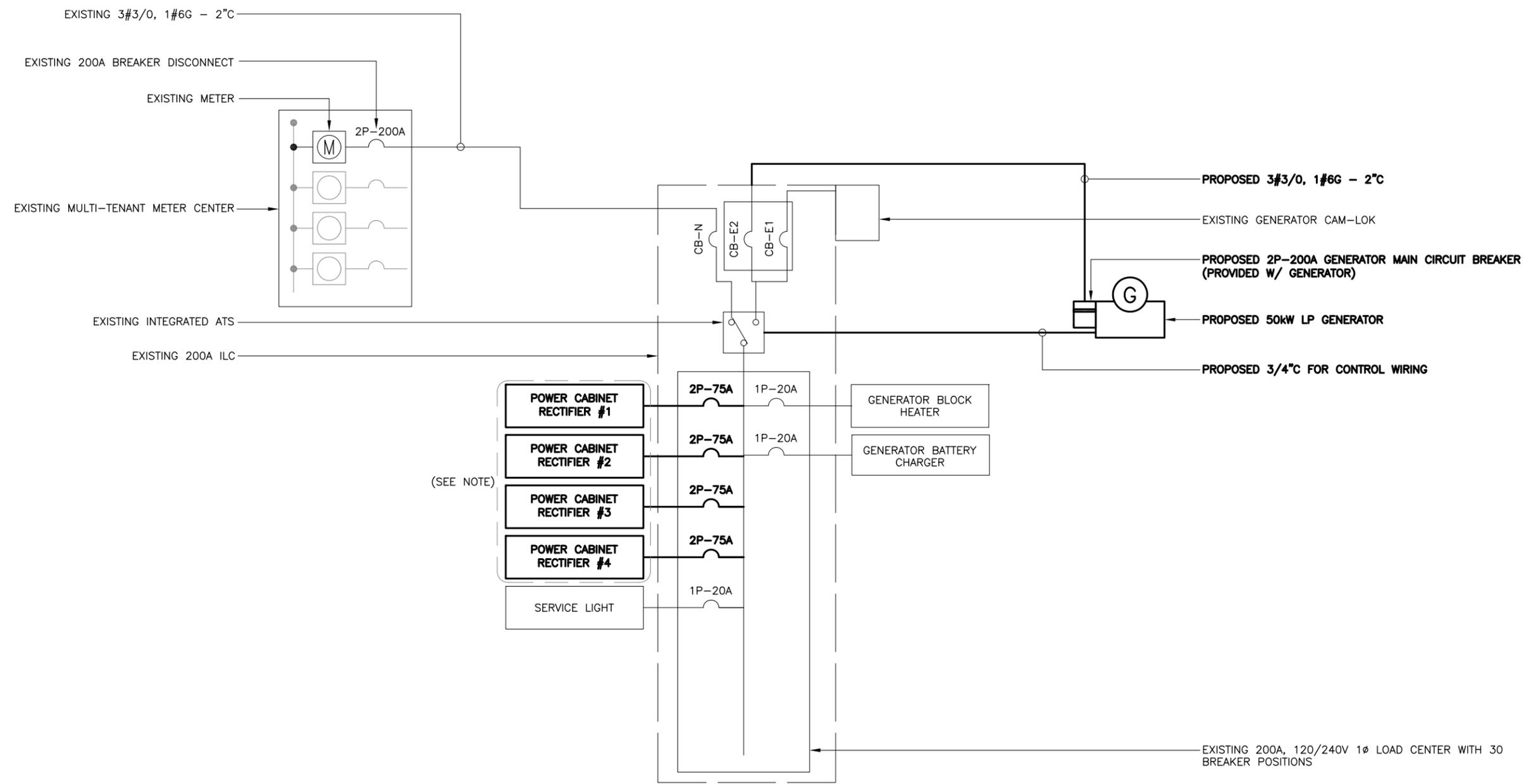
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SHEET NAME
ELECTRICAL DETAILS

SHEET NUMBER
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	-											-	-	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

