



1 OVERALL ROOF PLAN - POWER
E-1 SCALE: 1/8" = 1'-0"

NUMBERED NOTES: (THIS SHEET ONLY)

1. PROVIDE NEMA 3R, NON-FUSED, PROPERLY RATED DISCONNECT.

PANELBOARD H1														
RATINGS: 277/480V, 3PH, 4W + G MOUNTING: SURFACE										BUS RATING: 400A MAIN RATING: MCB 400A MIN. SHORT CIRCUIT RATING: 35KAIC AMPS				
LOAD (AMPS)			LOAD DESCRIPTION			BKR		CKT NO.		MIN. SHORT CIRCUIT RATING: 10 KAIC AMPS		LOAD DESCRIPTION		
A	B	C	P	AMP	NO.	AMP	P	NO.	AMP	P	NO.	A	B	C
36	36		3	125	1	A	2	20	1			14	17	
					3	B	4	25	1					
					5	C	6	25	1					
60	60		3	70	7	A	8	25	1			18	31	17
					9	B	10	35	3					
					11	C	12							
45	45		3	50	13	A	14	25	3			31	19	19
					15	B	16							
					17	C	18							
54	54		3	70	19	A	20	20	1			19	2	2
					21	B	22	20	1					
					23	C	24	20	1					
3	4		1	20	25	A	26	20	1			3	0	0
			1	20	27	B	28	20	1					
			1	20	29	C	30	20	1					
0	0		1	20	31	A	32	-	1			0	0	0
			1	20	33	B	34	-	1					
			1	-	35	C	36	-	1					
0	0		1	-	37	A	38	-	1			0	0	0
			1	-	39	B	40	-	1					
0	0		1	-	41	C	42	-	1			0	0	0
COMMENTS:														
283.0	268.2	264.1	TOTAL AMPS - PHASE A, B, C			TOTAL CONNECTED LOAD			TOTAL DEMAND LOAD - NO SPARE					
226 KVA	272 AMPS													
219 KVA	264 AMPS													

PANELBOARD L1														
RATINGS: 120/208V, 3PH, 4W + G MOUNTING: SURFACE										BUS RATING: 225A MAIN RATING: MCB 225A MIN. SHORT CIRCUIT RATING: 10 KAIC AMPS				
LOAD (AMPS)			LOAD DESCRIPTION			BKR		CKT NO.		MIN. SHORT CIRCUIT RATING: 10 KAIC AMPS		LOAD DESCRIPTION		
A	B	C	P	AMP	NO.	AMP	P	NO.	AMP	P	NO.	A	B	C
26	26		3	100	1	A	2	20	1			0	0	
					3	B	4	20	1					
					5	C	6	20	1					
7	7		1	20	7	A	8	20	1			0	2	
			1	20	9	B	10	20	1					
			1	20	11	C	12	20	1					
			1	20	13	A	14	20	1					
8	8		1	20	15	B	16	20	1			8	8	
			1	20	17	C	18	20	1					
			1	20	19	A	20	20	1					
8	7		1	20	21	B	22	20	1			8	8	
			1	20	23	C	24	20	1					
			1	20	25	A	26	25	2					
5	5		1	20	27	B	28							
			1	20	29	C	30	20	1			19	19	
			1	20	31	A	32	20	1					
0	0		1	20	33	B	34	20	1			0	0	0
			1	-	35	C	36	-	1					
			1	-	37	A	38	-	1					
0	0		1	-	39	B	40	-	1			0	0	0
			1	-	41	C	42	-	1					
COMMENTS: * PROVIDE GFIC BREAKER														
89.7	93.0	69.0	TOTAL AMPS - PHASE A, B, C			TOTAL CONNECTED LOAD			TOTAL DEMAND LOAD - NO SPARE					
30 KVA	84 AMPS													
24 KVA	67 AMPS													

PANELBOARD L2														
RATINGS: 120/208V, 3PH, 4W + G MOUNTING: RECESSED										BUS RATING: 100A MAIN RATING: MLO MIN. SHORT CIRCUIT RATING: 10KAIC AMPS				
LOAD (AMPS)			LOAD DESCRIPTION			BKR		CKT NO.		MIN. SHORT CIRCUIT RATING: 10KAIC AMPS		LOAD DESCRIPTION		
A	B	C	P	AMP	NO.	AMP	P	NO.	AMP	P	NO.	A	B	C
4	5		1	20	1	A	2	20	1			5	7	
			1	20	3	B	4	20	1					
			1	20	5	C	6	20	1					
5	5		1	20	7	A	8	20	1			8	2	
			1	20	9	B	10	20	1					
			1	20	11	C	12	20	1					
			1	20	13	A	14	20	1					
4	0		1	20	15	B	16	20	1			4	0	4
			1	20	17	C	18	20	1					
			1	20	19	A	20	20	1					
0	0		1	-	21	B	22	-	1			0	0	0
			1	-	23	C	24	-	1					
0	0		1	-	25	A	26	-	1			0	0	0
			1	-	27	B	28	-	1					
			1	-	29	C	30	-	1					
0	0		1	-	31	A	32	-	1			0	0	0
			1	-	33	B	34	-	1					
			1	-	35	C	36	-	1					
0	0		1	-	37	A	38	-	1			0	0	0
			1	-	39	B	40	-	1					
			1	-	41	C	42	-	1			0	0	0
COMMENTS: * PROVIDE GFIC BREAKER														
31.1	23.3	22.7	TOTAL AMPS - PHASE A, B, C			TOTAL CONNECTED LOAD			TOTAL DEMAND LOAD - NO SPARE					
9 KVA	26 AMPS													
9 KVA	25 AMPS													

