

JOB NAME: PFKI					MDP (EXISTING)										LOCATION: BOILER ROOM				
CKT NO.	CIRCUIT DESCRIPTION	POLE	LOAD KVA	BKR.	BRANCH CIRCUIT	A	B	C	BRANCH CIRCUIT	BKR	LOAD KVA	POLE	CIRCUIT DESCRIPTION	CKT NO					
1						0.0								2					
3	SPACE						0.0						SPACE	4					
5								0.4	2#12 & 1#12EG IN 3/4"	15	0.4	1	EF-5	6					
7						5.6					5.6			8					
9	SPACE						5.1		4#6 & 1#10EG IN 1-1/4"	60	5.1	3	PANEL BLPP (EXISTING)	10					
11								4.9			4.9			12					
13			7.4			7.4								14					
15	PANEL LP (EXISTING)	3	7.2	100	4#2 & 1#6EG IN 2"		7.2						SPACE	16					
17			8.3					8.3						18					
19			26.5			50.1					23.6			20					
21	PANEL PP (EXISTING)	3	25.4	150	4#1/0 & 1#6EG IN 2-1/2"		46.2		4#1/0 & 1#6EG IN 2-1/2"	150	20.8	3	PANEL KLPP (EXISTING)	22					
23			25.3					47.5			22.2			24					
25														26					
27	MAIN BREAKER (FULL PANEL WIDTH)	3		400	4#500 MCM & 1#1/0EG IN 4"				4#500 MCM & 1#1/0EG IN 4"	400		3	MAIN BREAKER (FULL PANEL WIDTH)	28					
29														30					
31	SPACE						0.0						SPACE	32					
33								0.0						34					
PANEL TYPE: NEMA 1						TOTAL (PHASE):			63.1	58.5	61.1								
MOUNTING: SURFACE												SPARE CAPACITY			0 %				
MAIN CIRCUIT BREAKER: 400A												DEMAND FACTOR			76.65 %				
INTERRUPTING RATING: 65KA SYM.																			
FED FROM: MAIN SWITCHGEAR																			
NOTES																			
1. ALL BUSING TO BE COPPER																			
2. BOLT ON BREAKERS ONLY																			
3. CONTRACTOR IS RESPONSIBLE TO COORDINATE THE SHORT CIRCUIT RATING AT THE UTILITY TRANSFORMER AND NOTIFY THE ENGINEER PRIOR TO PURCHASING ANY EQUIPMENT.																			
4. ALL WIRE SIZES ARE BASED ON 75 DEGREE WIRE.																			