

PANEL: 4HA															NEW SURFACE MOUNTED 35 KAIC RATING NEMA 1 ENCLOSURE																										
VOLT: 480Y/277V 3 PHASE, 4 WIRE BUS: 100 AMP MAIN: 100A, 3P FED FROM: MSBA																																									
DESCRIPTION	W	U	W	U	W	U	W	U	W	U	W	U	W	U	DESCRIPTION	W	U	W	U	W	U	W	U	W	U	W	U	W	U												
4TH FL. NORTH EAST LAB SPACE	1	2330	L	20	1	3940									120	1	20	L	1610	2									ROOF LTG												
4TH FL. NORTH GEN. LTG.	3	1446	L	20	1										2366	1	20	L	920	4									PENTHOUSE LTG												
4TH FL OFFICE PODS	5	1470	L	20	1										1520	1	20	L	50	8									PHOTOCELL												
4TH FL. NORTHWEST LAB SPACE	7	2401	L	20	1	3520									1	20	L	1119	8										3RD FL. LER. LTG.												
4TH FL. SOUTHWEST LAB SPACE	9	2330	L	20	1										3203	1	20	L	873	10										3RD FL WEST CORRIDOR LTG.											
4TH FL. SOUTHEAST LAB SPACE	11	3556	L	20	1										4096	1	20	L	540	12										3RD & 4TH BREAKROOM LTG.											
4TH FL. SOUTH GEN. LTG.	13	2651	L	20	1	3524									1	20	L	873	14											4TH FL WEST CORRIDOR LTG.											
3RD FL. NORTH GEN. LTG.	15	501	L	20	1										1949	1	20	L	1640	14										4TH FL. LER. LTG.											
3RD FL. NORTHWEST LAB SPACE	17	2330	L	20	1										3216	1	20	L	886	18										MAU-											
3RD FL. NORTHWEST LAB SPACE	19	2358	L	20	1	3244												M	586	20																					
3RD FL. SOUTHWEST LAB SPACE	21	2225	L	20	1										3111			M	886	22																					
3RD FL. SOUTHWEST LAB SPACE	23	2154	L	20	1										2154					886	23									SPARE											
3RD FL. OFFICE PODS	25	1917	L	20	1	1917									1	20	L			28										SPARE											
3RD FL. SOUTH GEN. LTG.	27	1492	L	20	1										1482	1	20	L		28										SPARE											
SPARE	29														0	1	20	L												SPARE											
	31					0														32																					
	33					0														34																					
	35					0														36																					
	37					0														40																					
	39					0														48																					
	41					0														42																					
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE															0	0	0	PANEL:			TOTALS																				
TOTAL VA PER PHASE															16145	12111	10986																								
KEY															DEMAND DESIGN CONNECTED																										
L-GENERAL LIGHTING LOAD															125%	45668	VA	36534	VA	39	TOTAL CONNECTED KVA																				
R-RECEPTACLE LOAD (PER NEC ART. 220-13)															0	VA	0	VA	48	TOTAL DESIGN KVA																					
M-MOTOR LOADS															2655	VA	2658	VA	47	TOTAL CONNECTED AMPS																					
K-KITCHEN RECEPTACLES															0	AT 100% =	0	VA	0	VA	1	25% OF LARGEST MOTOR AMPS																			
ALL OTHER LOADS															50	VA	50	VA	59	TOTAL DESIGN AMPS																					

* ROUTE CIRCUIT VIA LIGHTING CONTROL PANEL "LCP-4".

PANEL: 4UPS															NEW SURFACE MOUNTED 10 KAIC RATING NEMA 1 ENCLOSURE																				
VOLT: 208Y/120V 3 PHASE, 4 WIRE BUS: 100 AMP MAIN: LUGS ONLY FED FROM: 3UPS																																			
DESCRIPTION	W	U	W	U	W	U	W	U	W	U	W	U	W	U	DESCRIPTION	W	U	W	U	W	U	W	U	W	U	W	U	W	U	DESCRIPTION					
SPACE	1														1500	1	30	L	1500	2										EQUIP. RACK NEMA L3-30R					
SPACE	3														1500	1	30	L	1500	4										EQUIP. RACK NEMA L3-30R					
SPACE	5														1500	1	30	L	1500	6										EQUIP. RACK NEMA L3-30R					
SPACE	7														0	1	30	L	8											SPARE					
SPACE	9														0	1	30	L	12											SPARE					
SPACE	11														0	1	30	L	14											SPARE					
SPACE	13														0	1	30	L	16											SPARE					
SPACE	15														0	1	30	L	18											SPARE					
SPACE	17														0	1	30	L	20											SPARE					
SPACE	19														0	1	30	L	22											SPARE					
SPACE	21														0	1	30	L	24											SPARE					
SPACE	23														0	1	30	L	26											SPARE					
SPACE	25														0	1	30	L	28											SPARE					
SPACE	27														0	1	30	L	30											SPARE					
SPACE	29														0	1	30	L	32											SPARE					
SPACE	31														0	1	30	L	34											SPARE					
SPACE	33														0	1	30	L	36											SPARE					
SPACE	35														0	1	30	L	38											SPARE					
SPACE	37														0	1	30	L	40											SPARE					
SPACE	39														0	1	30	L	42											SPARE					
SPACE	41														0	1	30	L	44											SPARE					
THROUGH FEED OR DOUBLE LUG TOTAL VA PER PHASE															0	0	0	PANEL:			TOTALS														
TOTAL VA PER PHASE															1500	1500	1500																		
KEY																																			
L-GENERAL LIGHTING LOAD															125%	0	VA	0	VA	5	TOTAL CONNECTED KVA														
R-RECEPTACLE LOAD (PER NEC ART. 220-13)															0	VA	0	VA	5	TOTAL DESIGN KVA															
M-MOTOR LOADS															0	VA	0	VA	12	TOTAL CONNECTED AMPS															