

PANEL 163RP_1		LOCATION ROOM 163										VOLTS 208Y/120V					
FED FROM	CKT #	MOUNTING		WIRE		FEEDER		MAIN		BUS		LOAD SERVED					
		PHASE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	CKT				
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	RCPT RM 165	1	3	10	30	8646	2882	0	0	720	20	12	1	2	RCPT RM 162	2	
3		3					2882	0	0	720	20	12	1	4	RCPT RM 162	4	
5		5					0	2882	0	540	20	12	1	6	RCPT RM 165	6	
7	RCPT RM 162	7	1	12	20	540	540	0	0	360	20	12	1	8	RCPT RM 165	8	
9	RCPT RM 165	9	1	12	20	360	0	360	0	900	20	12	1	10	RCPT RM 161	10	
11	RCPT RM 163	11	1	12	20	360	0	0	360	360	20	12	1	12	RCPT RM 163	12	
13	RCPT RM 162	13	1	12	20	540	540	0	0	900	20	12	1	14	RCPT RM 161	14	
15	RCPT RM 165	15	1	12	20	540	0	540	0	360	20	12	1	16	RCPT RM 163	16	
17	CORR 177,178 & 179	17	1	12	20	900	0	0	900	0	20	12	1	18	FMS CONTROL PNL	18	
19	LTG RM 162	19	1	12	20	540	540	0	0	300	20	12	1	20	CORR 138,139 FLOOR BOXES	20	
21	RCPT RM 163	21	1	12	20	360	0	360	0	500	20	12	1	22	EXHAUST RM 137	22	
23	FM 200 PANEL	23	1	12	20	0	0	0	3750	7500	50	6	2	24	L-CS-139-SV-03	24	
25	MICROWAVE RM 145	25	1	12	20	1350	1350	0	0	0	6	26					
27	RFAR	27	1	12	20	1920	0	1920	0	4000	30	10	2	28	L-CS-140-SV-05	28	
29	FACP	29	1	12	20	0	0	0	2000	0	30						
31	COOK TOP RM 145	31	3	10	30	7300	2433	0	0	4000	30	10	2	32	L-CS-141-SV-07	32	
33		33					0	2000	0	0	30			34			
35		35					0	0	2433	4000	30	10	2	36	L-CS-142-SV-09	36	
37	RCPT RM 160	37	1	12	20	720	720	0	0	0	20	12	2	40	HEAT TRACE	40	
39	L-CS-160-SV-18	39	2	10	30	4000	0	0	0	4000	20	12	2	40		40	
41		41					0	0	0	0	12			42		42	
TOTAL							19035	18975	19225								
TOTAL CONNECTED LOAD (VA)							57235										
TOTAL CONNECTED LOAD (AMPS)																	

PANEL 163RP_2		LOCATION ROOM 163										VOLTS 208Y/120V					
FED FROM	CKT #	MOUNTING		WIRE		FEEDER		MAIN		BUS		LOAD SERVED					
		PHASE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	CKT				
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	DUAL DUPLEX RCPT RM 162	1	1	12	20	1920	1920	0	0	1920	20	12	1	2	DUAL DUPLEX RCPT RM 165	2	
3	DUAL DUPLEX RCPT RM 162	3	1	12	20	1920	0	1920	0	1920	20	12	1	4	DUAL DUPLEX RCPT RM 165	4	
5	DUAL DUPLEX RCPT RM 162	5	1	12	20	1920	0	0	1920	1920	20	12	1	6	DUAL DUPLEX RCPT RM 165	6	
7	DUAL DUPLEX RCPT RM 162	7	1	12	20	1920	1920	0	0	1920	20	12	1	8	DUAL DUPLEX RCPT RM 165	8	
9	DUAL DUPLEX RCPT RM 162	9	1	12	20	1920	0	1920	0	1920	20	12	1	10	DUAL DUPLEX RCPT RM 165	10	
11	DUAL DUPLEX RCPT RM 162	11	1	12	20	1920	0	0	1920	1920	20	12	1	12	DUAL DUPLEX RCPT RM 165	12	
13	DUAL DUPLEX RCPT RM 162	13	1	12	20	1920	1920	0	0	1920	20	12	1	14	DUAL DUPLEX RCPT RM 161	14	
15	DUAL DUPLEX RCPT RM 162	15	1	12	20	1920	0	1920	0	1920	20	12	1	16	DUAL DUPLEX RCPT RM 161	16	
17	DUAL DUPLEX RCPT RM 162	17	1	12	20	1920	0	0	1920	1920	20	12	1	18	DUAL DUPLEX RCPT RM 161	18	
19	DUAL DUPLEX RCPT RM 161	19	1	12	20	1920	1920	0	0	1920	20	12	1	20	SPARE	20	
21	DUAL DUPLEX RCPT RM 161	21	1	12	20	1920	0	1920	0	0	20	1	22	SPARE	22		
23	DUAL DUPLEX RCPT RM 161	23	1	12	20	1920	0	0	1920	0	20	1	24	SPARE	24		
25	SPARE	25	1	20		0	0	0	0	0	20	1	26	SPARE	26		
27	SPARE	27	1	20		0	0	0	0	0	20	1	28	SPARE	28		
29	FLOOR BOXES RM 163	29	1	12	20	0	0	0	0	0	20	1	30	SPARE	30		
31	RM 122 TRACK LIGHTING	31	1	12	20	0	0	0	0	0	20	1	32	SPARE	32		
33	RM 122 TRACK LIGHTING	33	1	12	20	0	0	0	0	0	20	1	34	SPARE	34		
35	RM 122 TRACK LIGHTING	35	1	12	20	0	0	0	0	0	20	1	36	SPARE	36		
37	SPARE	37	1	20		0	0	0	0	0	20	1	38	SPARE	38		
39	SPARE	39	1	20		0	0	0	0	0	20	1	40	SPARE	40		
41	SPARE	41	1	20		0	0	0	0	0	20	1	42	SPARE	42		
TOTAL							15360	13440	13440								
TOTAL CONNECTED LOAD (VA)							42240										
TOTAL CONNECTED LOAD (AMPS)																	

PANEL 172PP_1		LOCATION ROOM 172										VOLTS 480Y/277V					
FED FROM	CKT #	MOUNTING		WIRE		FEEDER		MAIN		BUS		LOAD SERVED					
		PHASE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	CKT				
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT	
							A	B	C								
1	JB RM 167	1	3	6	60	39905	13302	0	0	39905	60	6	3	2	JB ROOM 167	2	
3		3					13302	13302	0	0	6	6	4				
5		5					0	0	13302	0	6	6	6				
7	RM 166	7	3	6	60	39905	13302	0	0	831	15	3	8	DOOR MOTOR 170	8		
9		9					13302	277	0	0	10						
11		11					0	0	13302	277	10						
13	DOOR MOTOR 173	13	3	10	15	1496	499	277	0	831	15	10	3	14	DOOR MOTOR 170	14	
15		15					499	277	0	0	16						
17		17					0	0	499	277	18						
19	J BOX RM 174	19	3	6	60	39905	13302	0	0	20	1	20		SPARE	20		
21		21					13302	0	0	20	1	22					
23		23					0	0	13302	0	20	1	24				
25	JB RM 167	25	3	6	60	39905	13302	13302	0	39905	60	6	3	26	JB FUME HOOD 169	26	
27		27					13302	13302	0	0	28						
29		29					0	0	13302	0	30						
31	JB BAKE OVEN 169	31	3	6	60	39905	13302	0	0	20	1	32		SPARE	32		
33		33					13302	0	0	20	1	34					
35		35					0	0	13302	0	20	1	36				
37	SPARE	37	1	20		0	0	0	0	20	1	38		SPARE	38		
39		39					0	0	0	0	20	1	40				
41		41					0	0	0	0	20	1	42				
TOTAL							94164	94164	94164								
TOTAL CONNECTED LOAD (VA)							282492										
TOTAL CONNECTED LOAD (AMPS)																	

PANEL 144RP_1		LOCATION ROOM 144										VOLTS 208Y/120V				
FED FROM	CKT #	MOUNTING		WIRE		FEEDER		MAIN		BUS		LOAD SERVED				
		PHASE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	WIRE	CKT			
CKT	LOAD SERVED	SLOT	POLES	WIRE SIZE	BKR	VOLT AMPS	PHASE LOAD (VA)			VOLT AMPS	BKR	WIRE SIZE	POLES	SLOT	LOAD SERVED	CKT
							A	B	C							
1	RCPT XEROX RM 144	1	3	30	30	960	960	0	0	1200	20	12	1	2	RCPT RMS 121,122,147 & 148	2
3		3					0	960	0	960	20	12	1	4	RCPT RMS 122,146,147 & 149	4
5		5					0	0	960	720	20	12	1	6	RCPT RMS 122,123,146 & 147	6
7	DISPOSAL RM 145	7	1	12	20	1000	1000	0	0	720	20	12	1	8	REFRIGERATOR RM 145	8
9	EXIT	9	1	12	20	240	0	240	0	1080	20	12	1	10	RECEPTACLE RMS 123 TO 129	10
11	RECEPT RMS 125,139,144,150	11	1	12	20	720	0	0	720	120	20	12	1	12	RECEPTACLE RM 144	12
13	PATIO RECEPTACLES	13	1	12	20	1200	0	0	0	1200	20	12	1	14	RCPT RMS 125,141,142,143,144 & 145	14
15	RECEPTACLE GFI	15	1	12	20	840	0	840	0	480	20	12	1	16	RECEPTACLE RMS 132 TO 135	16
17	RECEPTACLE EWC	17														