

MAIN SERVICE SWITCHGEAR - "MSS"						
277/480V, 3 #, 4 WIRE		FLOOR MOUNTED		2000 AMPERE MAIN CIRCUIT BREAKER		
LOCATION MAIN ELECTRICAL ROOM - FIRST FLOOR				2000 AMPERE COPPER BUS (1)(2)(3)		
MANUFACTURER SQUARE D TYPE QMB						
W/ SURGE ARRESTOR						
CIRCUIT	SERVING	SWITCH			WIRING	LOAD (VA)
		FRAME	TRIP	POLE		
1	TVSS	100	60	3	REFER TO ONE-LINE DIAGRAM	-
2	PANEL DP-OS VIA ATS-OS (1)(2)	600	600	3	REFER TO ONE-LINE DIAGRAM	307569
3	PANEL DP-LS VIA ATS-LS (1)(2)	225	225	3	REFER TO ONE-LINE DIAGRAM	112211
4	CHILLER ACCH -1	600	500	3	REFER TO ONE-LINE DIAGRAM	312822
5	DP-LRPN VIA TRANSFORMER T-LRPN	400	400	3	REFER TO ONE-LINE DIAGRAM	170151
6	DP-LRPS VIA TRANSFORMER T-LRPS	600	600	3	REFER TO ONE-LINE DIAGRAM	261497
7	SPARE	400	400	3	REFER TO ONE-LINE DIAGRAM	-
8	SPARE	250	250	3	REFER TO ONE-LINE DIAGRAM	-
9	SPACE	-	-	3	-	-
10	SPACE	-	-	3	-	-
11	SPACE	-	-	3	-	-
12	SPACE	-	-	3	-	-
13	SPACE	-	-	3	-	-
14	SPACE	-	-	3	-	-
15	SPACE	-	-	3	-	-
TOTAL CONNECTED VA LOAD					1164050	
TOTAL CONNECTED AMPS					1401	

OPTIONAL STANDBY DISTRIBUTION PANEL - "DP-OS"						
277/480V, 3 #, 4 WIRE		FLOOR MOUNTED		600 AMPERE MAIN CIRCUIT BREAKER		
LOCATION MAIN ELECTRICAL ROOM - FIRST FLOOR				600 AMPERE COPPER BUS (1)(2)		
MANUFACTURER SQUARE D TYPE I-LINE						
W/ SURGE ARRESTOR						
CIRCUIT	SERVING	SWITCH			WIRING	LOAD (VA)
		FRAME	TRIP	POLE		
1	PANEL OSPP-S4	225	200	3	REFER TO ONE-LINE DIAGRAM	87504
2	DP-OSLRP VIA TRANSFORMER T-OS	600	600	3	REFER TO ONE-LINE DIAGRAM	220065
3	SPACE	-	-	3	-	-
4	SPACE	-	-	3	-	-
5	SPACE	-	-	3	-	-
6	SPACE	-	-	3	-	-
7	SPACE	-	-	3	-	-
8	SPACE	-	-	3	-	-
TOTAL CONNECTED VA LOAD					307569	
TOTAL CONNECTED AMPS					370	

LIFE-SAFETY DISTRIBUTION PANEL - "DP-LS"						
277/480V, 3 #, 4 WIRE		FLOOR MOUNTED		200 AMPERE MAIN CIRCUIT BREAKER		
LOCATION MAIN ELECTRICAL ROOM - FIRST FLOOR				225 AMPERE COPPER BUS (1)(2)		
MANUFACTURER SQUARE D TYPE NF						
W/ SURGE ARRESTOR						
CIRCUIT	SERVING	SWITCH			WIRING	LOAD (VA)
		FRAME	TRIP	POLE		
1	PASSENGER ELEVATOR NO.1 (1)(2)(3)(4)	100	40	3	REFER TO ONE-LINE DIAGRAM	11634
2	PASSENGER ELEVATOR NO.2 (1)(2)(3)(4)	100	50	3	REFER TO ONE-LINE DIAGRAM	17451
3	DP-LSLRP VIA TRANSFORMER T-LS (1)(2)	100	70	3	REFER TO ONE-LINE DIAGRAM	33126
4	UPS (1)(2)	400	225	3	REFER TO ONE-LINE DIAGRAM	50000
5	SPACE	-	-	3	-	-
6	SPACE	-	-	3	-	-
7	SPACE	-	-	3	-	-
8	SPACE	-	-	3	-	-
TOTAL CONNECTED VA LOAD					112211	
TOTAL CONNECTED AMPS					135	

OPTIONAL STANDBY DISTRIBUTION PANEL - "DP-OSLRP"						
120/208V, 3 #, 4 WIRE		FLOOR MOUNTED		1200 AMPERE MAIN CIRCUIT BREAKER		
LOCATION MAIN ELECTRICAL ROOM - FIRST FLOOR				1200 AMPERE COPPER BUS (1)(2)		
MANUFACTURER SQUARE D TYPE I-LINE						
W/ SURGE ARRESTOR						
CIRCUIT	SERVING	SWITCH			WIRING	LOAD (VA)
		FRAME	TRIP	POLE		
1	PANEL OSLRP-N5	225	150	3	REFER TO ONE-LINE DIAGRAM	25718
2	PANEL OSLRP-N4	100	100	3	REFER TO ONE-LINE DIAGRAM	17790
3	PANEL OSLRP-N3	100	100	3	REFER TO ONE-LINE DIAGRAM	17840
4	PANEL OSLRP-N2	100	100	3	REFER TO ONE-LINE DIAGRAM	13204
5	PANEL OSLRP-S4	225	150	3	REFER TO ONE-LINE DIAGRAM	29182
6	PANEL OSLRP-S3	225	150	3	REFER TO ONE-LINE DIAGRAM	22090
7	PANEL OSLRP-S2	225	150	3	REFER TO ONE-LINE DIAGRAM	28228
8	PANEL OSLRP-S1	400	300	3	REFER TO ONE-LINE DIAGRAM	66013
TOTAL CONNECTED VA LOAD					220065	
TOTAL CONNECTED AMPS					611	

LIFE-SAFETY DISTRIBUTION PANEL - "DP-LSLRP"						
120/208V, 3 #, 4 WIRE		FLOOR MOUNTED		150 AMPERE MAIN CIRCUIT BREAKER		
LOCATION MAIN ELECTRICAL ROOM - FIRST FLOOR				225 AMPERE COPPER BUS (1)(2)		
MANUFACTURER SQUARE D TYPE NQ0B						
W/ SURGE ARRESTOR						
CIRCUIT	SERVING	SWITCH			WIRING	LOAD (VA)
		FRAME	TRIP	POLE		
1	PANEL LSLRP-N3 AND N5 (1)(2)	100	100	3	REFER TO ONE-LINE DIAGRAM	16513
2	PANEL LSLRP-S2 (1)(2)	100	100	3	REFER TO ONE-LINE DIAGRAM	10506
3	PANEL LSLRP-S1 (1)(2)	100	100	3	REFER TO ONE-LINE DIAGRAM	6107
4	SPACE	-	-	3	-	-
5	SPACE	-	-	3	-	-
6	SPACE	-	-	3	-	-
7	SPACE	-	-	3	-	-
8	SPACE	-	-	3	-	-
TOTAL CONNECTED VA LOAD					33126	
TOTAL CONNECTED AMPS					92	

PANEL "LAUNDRY" 120/208V, 3 #, 4W.								
SURFACE MOUNTED		225 AMPERE MCB MLO		100 AMPERE COPPER BUS				
MANUFACTURER SQUARE D TYPE NQ0B		ISC = _____ AMPS RMS SYM @ 240V.		LOCATION 2ND FL ELECTRICAL CLOSET 252				
NORMAL								
CCT No.	LOAD	DESCRIPTION	CCT BKR		LOAD	CCT No.		
			TRIP AMPS	POLE				
1	1320	STACK DRYER	1	20	20	1	1320	2
3	1320	STACK DRYER	1	20	20	1	1320	4
5	1320	STACK DRYER	1	20	20	1	1320	6
7	1320	STACK DRYER	1	20	20	1	1320	8
9	1320	STACK DRYER	1	20	20	1	1320	10
11	2080	STACK DRYER	2	20	20	1	1320	12
13		WASHER	1	20	20	1	1320	14
15	1320	WASHER	1	20	20	1	1320	16
17	1320	WASHER	1	20	20	1	1320	18
19	1320	WASHER	1	20	20	1	1320	20
21	1320	WASHER	1	20	20	1	1320	22
23	1320	WASHER	1	20	20	1	1320	24
25	360	RECEPTACLES	1	20	20	1	SPARE	26
27		SPARE	1	20	20	1	SPARE	28
29		SPARE	1	20	20	1	SPARE	30
TOTAL CONNECTED LOAD					87	TOTAL CONNECTED AMPS	15840	

DISTRIBUTION PANEL - "DP-LRPS"						
120/208V, 3 #, 4 WIRE		FLOOR MOUNTED		1200 AMPERE MAIN CIRCUIT BREAKER		
LOCATION MAIN ELECTRICAL ROOM - FIRST FLOOR				1200 AMPERE COPPER BUS		
MANUFACTURER SQUARE D TYPE I-LINE						
W/ SURGE ARRESTOR						
CIRCUIT	SERVING	SWITCH			WIRING	LOAD (VA)
		FRAME	TRIP	POLE		
1	CHWP-1	100	90	3	REFER TO ONE-LINE DIAGRAM	17388
2	CHWP-2	100	90	3	REFER TO ONE-LINE DIAGRAM	17388
3	PANEL LRP-S1	225	150	3	REFER TO ONE-LINE DIAGRAM	41547
4	PANEL LRP-S2	400	300	3	REFER TO ONE-LINE DIAGRAM	75879
5	PANEL LRP-S3	225	225	3	REFER TO ONE-LINE DIAGRAM	45010
6	PANEL LRP-S4	400	300	3	REFER TO ONE-LINE DIAGRAM	64285
7	SPACE	-	-	3	-	-
8	SPACE	-	-	3	-	-
TOTAL CONNECTED VA LOAD					261497	
TOTAL CONNECTED AMPS					726.4	

DISTRIBUTION PANEL - "DP-LRPN"						
120/208V, 3 #, 4 WIRE		FLOOR MOUNTED		800 AMPERE MAIN CIRCUIT BREAKER		
LOCATION MAIN ELECTRICAL ROOM - FIRST FLOOR				800 AMPERE COPPER BUS		
MANUFACTURER SQUARE D TYPE I-LINE						
W/ SURGE ARRESTOR						
CIRCUIT	SERVING	SWITCH			WIRING	LOAD (VA)
		FRAME	TRIP	POLE		
1	PANEL LRP-N2	100	100	3	REFER TO ONE-LINE DIAGRAM	15390
2	PANEL LRP-N3	225	150	3	REFER TO ONE-LINE DIAGRAM	33621
3	PANEL LRP-N4	225	150	3	REFER TO ONE-LINE DIAGRAM	32059
4	PANEL LRP-N5	225	300	3	REFER TO ONE-LINE DIAGRAM	57601
5	LAUNDRY PANEL	225	150	3	REFER TO ONE-LINE DIAGRAM	31480
6	SPACE	-	-	3	-	-
7	SPACE	-	-	3	-	-
8	SPACE	-	-	3	-	-
TOTAL CONNECTED VA LOAD					170151	
TOTAL CONNECTED AMPS					472.6	

PANEL "DF-5" 120/208V, 3 #, 4W.									
SURFACE MOUNTED		100 AMPERE MCB MLO		100 AMPERE COPPER BUS					
MANUFACTURER SQUARE D TYPE NQ0B		ISC = _____ AMPS RMS SYM @ 240V.		LOCATION 5TH FL DATA ROOM 555					
LIFE SAFETY									
CCT No.	LOAD	DESCRIPTION	CCT BKR		LOAD	CCT No.			
			TRIP AMPS	POLE					
1	500	DATA ROOM RECEPTACLE	1	20	20	1	IT RACK EQUIPMENT	690	2
3	500	DATA ROOM RECEPTACLE	1	20	20	1	IT RACK EQUIPMENT	690	4
5	500	DATA ROOM RECEPTACLE	1	20	30	2	IT RACK EQUIPMENT	2496	6
7		SPARE	1	20					8
9		SPARE	1	20	30	2	IT RACK EQUIPMENT	2496	10
11		SPARE	1	20					12
13		SPARE	1	20	20	1	SPARE		14
15		SPARE	1	20	20	1	SPARE		16
17		SPARE	1	20	20	1	SPARE		18
19		SPARE	1	20	20	1	SPARE		20
21		SPARE	1	20	20	1	SPARE		22
23		SPARE	1	20	20	1	SPARE		24
25		SPARE	1	20	20	1	SPARE		26
27		SPARE	1	20	20	1	SPARE		28
29		SPARE	1	20	20	1	SPARE		30
TOTAL CONNECTED LOAD					22	TOTAL CONNECTED AMPS	6372		

PANEL "DF-4" 120/208V, 3 #, 4W.									
SURFACE MOUNTED		100 AMPERE MCB MLO		100 AMPERE COPPER BUS					
MANUFACTURER SQUARE D TYPE NQ0B		ISC = _____ AMPS RMS SYM @ 240V.		LOCATION 4TH FL DATA ROOM 457					
LIFE SAFETY									
CCT No.	LOAD	DESCRIPTION	CCT BKR		LOAD	CCT No.			
			TRIP AMPS	POLE					
1	500	DATA ROOM RECEPTACLE	1	20	20	1	DATA ROOM RECEPTACLE	500	2
3	500	DATA ROOM RECEPTACLE	1	20	20	1	DATA ROOM RECEPTACLE	500	4
5	500	DATA ROOM RECEPTACLE	1	20	20	1	DATA ROOM RECEPTACLE	500	6
7		SPARE	1	20	20	1	IT RACK EQUIPMENT	690	8
9		SPARE	1	20	20	1	IT RACK EQUIPMENT	690	10
11		SPARE	1	20	20	1	IT RACK EQUIPMENT	690	12
13		SPARE	1	20	30	2	IT RACK EQUIPMENT	2496	14
15		SPARE	1	20					16
17		SPARE	1	20	30	2	IT RACK EQUIPMENT	2496	18
19		SPARE	1	20					20
21		SPARE	1	20	30	2	IT RACK EQUIPMENT	2496	22
23		SPARE	1	20					24
25		SPARE	1	20	20	1	SPARE		26
27		SPARE	1	20	20	1	SPARE		28
29		SPARE	1	20	20	1	SPARE		30
TOTAL CONNECTED LOAD					35	TOTAL CONNECTED AMPS	11058		

PANEL "DF-3" 120/208V, 3 #, 4W.									
SURFACE MOUNTED		100 AMPERE MCB MLO		100 AMPERE COPPER BUS					
MANUFACTURER SQUARE D TYPE NQ0B		ISC = _____ AMPS RMS SYM @ 240V.		LOCATION 3RD FL DATA ROOM 357					
LIFE SAFETY									
CCT No.	LOAD	DESCRIPTION	CCT BKR		LOAD	CCT No.			
			TRIP AMPS	POLE					
1	500	DATA ROOM RECEPTACLE	1	20	20	1	DATA ROOM RECEPTACLE	500	2
3	500	DATA ROOM RECEPTACLE	1	20	20	1	DATA ROOM RECEPTACLE	500	4
5	500	DATA ROOM RECEPTACLE	1	20	20	1	DATA ROOM RECEPTACLE	500	6
7		SPARE	1	20	20	1	IT RACK EQUIPMENT	690	8
9		SPARE	1	20	20	1	IT RACK EQUIPMENT	690	10
11		SPARE	1	20	20	1	IT RACK EQUIPMENT	690	12
13		SPARE	1	20	30	2	IT RACK EQUIPMENT	2496	14
15		SPARE	1	20					16
17		SPARE	1	20	30	2	IT RACK EQUIPMENT	2496	18
19		SPARE	1	20					20
21		SPARE	1	20	30	2	IT RACK EQUIPMENT	2496	22
23		SPARE	1	20					24
25		SPARE	1	20	20	1	SPARE		26
27		SPARE	1	20	20	1	SPARE		28
29		SPARE	1	20	20	1	SPARE		30
TOTAL CONNECTED LOAD					35	TOTAL CONNECTED AMPS	11058		

PANEL "DF-2" 120/208V, 3 #, 4W.					
SURFACE MOUNTED					