

PANEL TAG: SWGR #2 (INTERNAL TVSS)		VOLTAGE: 277/480 VOLTS, 3-PHASE, 4-WIRE		MAIN BUS RATING AMPS: 1200		MIN A.I.C.: 22,000		(A)	
MOUNTING: FLOOR		CIRCUIT BREAKER		TRIP SETTING		REMARKS			
PANEL TYPE: DISTRIBUTION		DIST KVA		# POLES					
CKT	ITEM OR AREA SERVED								
MAIN		0.0	1200	KVA	3	1200	GFP, METER		
1	ATS #6 (P/NL QH2)	153.1	400	3	400	GFP			
2	CHILLER (S-CH-36)	268.1	800	3	450	GFP			
3	DP #1N	196.2	400	3	400	GFP			
4	SPARE	0.0	400	3	400	GFP			
5	SPACE	0.0	400	3					
6	SPACE	0.0	400	3					
7	SPACE	0.0							
8	SPACE	0.0							
TOTAL CONNECTED LOAD (KVA)		607.4							
TOTAL DEMAND LOAD (KVA)		564.1							
FEEDER AMPERES DEMAND		678.5							

PANEL TAG: DP #QH2		VOLTAGE: 277/480 VOLTS, 3-PHASE, 4-WIRE		MAIN BUS RATING AMPS: 400		MIN A.I.C.: 22,000		(A)	
MOUNTING: SURFACE		CIRCUIT BREAKER		TRIP SETTING		REMARKS			
PANEL TYPE: DISTRIBUTION		DIST KVA		# POLES					
CKT	ITEM OR AREA SERVED								
MAIN		0.0							
1	5-AHU-37	23.3	100	3	60				
2	SPARE	0.0	100	3	25				
3	5-AHU-38	23.3	100	3	60				
4	SPARE	0.0	100	3	25				
5	5-AHU-38	11.6	100	3	25				
6	5-PGHV-36	6.3	100	3	15				
7	5-PGHV-37	0.0	100	3	15	NON-SIMULTANEOUS			
8	5-PHW-36	17.5	100	3	40				
9	5-PHW-37	0.0	100	3	40	NON-SIMULTANEOUS			
10	5-PHR-36	2.8	100	3	15				
11	5-PHR-37	0.0	100	3	15	NON-SIMULTANEOUS			
12	5-EF-36	2.5	100	3	15				
13	5-EF-37	2.5	100	3	15				
14	5-EF-38	2.5	100	3	15				
15	5-EF-38A	43.2	100	3	90				
16	5-EF-38B	0.0	100	3	90	NON-SIMULTANEOUS			
17	5-RF-36	4.0	100	3	15				
18	5-RF-37	4.0	100	3	15				
19	PTS BLOWER (ALT #1)	9.6	100	3	15				
20	SPACE	0.0	100	3					
21	SPACE	0.0	100	3					
22	SPACE	0.0	100	3					
23	TVSS	0.0	100	3	30				
TOTAL CONNECTED LOAD (KVA)		153.1							
TOTAL DEMAND LOAD (KVA)		153.1							
FEEDER AMPERES DEMAND		184.2							

PANEL TAG: DP #H1		VOLTAGE: 277/480 VOLTS, 3-PHASE, 4-WIRE		MAIN BUS RATING AMPS: 400		MIN A.I.C.: 22,000		(A)	
MOUNTING: SURFACE		CIRCUIT BREAKER		TRIP SETTING		REMARKS			
PANEL TYPE: DISTRIBUTION		DIST KVA		# POLES					
CKT	ITEM OR AREA SERVED								
MAIN		0.0							
1	TRD-N2-1 (P/NL LN14)	24.2	100	3	45				
2	TRD-N2-2 (P/NL LN16)	23.4	100	3	45				
3	TRD-N2-3 (P/NL LN13)	36.1	200	3	70				
4	TRD-N2-5 (P/NL LN15)	34.1	200	3	70				
5	TRD-N2-5 (P/NL LN12)	2.7	100	3	20				
6	5-PCW-36	22.5	100	3	60				
7	5-PCW-37	0.0	100	3	60	NON-SIMULTANEOUS			
8	TVSS	0.0	100	3	30				
9	5-CUJ-36A	13.3	100	3	25				
10	5-CUJ-36B	13.3	100	3	25				
11	5-CUJ-36C	13.3	100	3	25				
12	5-CUJ-36D	13.3	100	3	25				
13	SPACE	0.0	100	3					
14	SPACE	0.0	100	3					
15	SPACE	0.0	100	3					
TOTAL CONNECTED LOAD (KVA)		186.2							
TOTAL DEMAND LOAD (KVA)		152.9							
FEEDER AMPERES DEMAND		183.9							

PANEL TAG: SEH2		VOLTAGE: 277/480 VAC, 3-PHASE, 4-WIRE		MAINS: LUG [X] C.B. [] AMPS: 200		FEED THRU LUG []		(A)	
MOUNTING: SURFACE		MIN A.I.C.: 22000							
FEEDER: (SEE RISER DIAGRAM)									
PANEL TYPE: LTG & APPLIANCE									
CKT	ITEM OR AREA SERVED	O/C PROT	DIST KVA	P	DIST KVA	O/C PROT	ITEM OR AREA SERVED	CKT	
1		0.0	A	0.0	-	SPACE		2	
3	UPS-5-20	453	20.0	B	0.0	-	SPACE	4	
5		0.0	C	0.0	-	SPACE		6	
7		0.0	A	0.0	-	SPACE		8	
9	UPS - BYPASS	453	0.0	B	0.0	-	SPACE	10	
11		0.0	C	0.0	-	SPACE		12	
13		0.0	A	0.0	-	SPACE		14	
15	TRD SEH2-1 ("LS" P/NLS)	203	4.3	B	0.0	-	SPACE	16	
17		0.0	C	0.0	-	SPACE		18	
19	SPACE	-	0.0	A	0.0	-	SPACE	20	
21	SPACE	-	0.0	B	0.0	-	SPACE	22	
23	SPACE	-	0.0	C	0.0	-	SPACE	24	
25	SPACE	-	0.0	A	0.0	-	SPACE	26	
27	SPACE	-	0.0	B	0.0	-	SPACE	28	
29	SPACE	-	0.0	C	0.0	-	SPACE	30	
31	SPACE	-	0.0	A	0.0	-	SPACE	32	
33	SPACE	-	0.0	B	0.0	-	SPACE	34	
35	SPACE	201	0.0	C	0.0	-	SPACE	36	
37	SPACE	201	0.0	A	0.0	-	SPACE	38	
39	SPACE	201	0.0	B	0.0	-	SPACE	40	
41	SPACE	201	0.0	C	0.0	-	SPACE	42	
TOTAL CONNECTED LOAD (KVA)		24.3							
TOTAL DEMAND LOAD (KVA)		19.7							
FEEDER AMPERES DEMAND		23.7							

PANEL TAG: LN12		VOLTAGE: 120/208 VAC, 3-PHASE, 4-WIRE		MAINS: LUG [X] C.B. [X] AMPS: 50		FEED THRU LUG []		(A)	
MOUNTING: SURFACE		MIN A.I.C.: 12,000							
FEEDER: (SEE RISER DIAGRAM)									
PANEL TYPE: LTG & APPLIANCE									
CKT	ITEM OR AREA SERVED	O/C PROT	DIST KVA	P	DIST KVA	O/C PROT	ITEM OR AREA SERVED	CKT	
1	MECH RM LIGHTING	201	1.1	A	0.8	201	MECH RM SOUTH RECEPTION	2	
2	SPACE	-	0.0	B	0.8	201	MECH RM NORTH RECEPTION	4	
5	SPACE	-	0.0	C	0.0	-	SPACE	6	
7	SPACE	-	0.0	A	0.0	-	SPACE	8	
9	SPACE	-	0.0	B	0.0	-	SPACE	10	
11	SPACE	-	0.0	C	0.0	-	SPACE	12	
13	SPACE	-	0.0	A	0.0	-	SPACE	14	
15	SPACE	-	0.0	B	0.0	-	SPACE	16	
17	SPACE	-	0.0	C	0.0	-	SPACE	18	
19	SPACE	-	0.0	A	0.0	-	SPACE	20	
21	SPACE	-	0.0	B	0.0	-	SPACE	22	
23	SPACE	-	0.0	C	0.0	-	SPACE	24	
25	SPACE	-	0.0	A	0.0	-	SPACE	26	
27	SPACE	-	0.0	B	0.0	-	SPACE	28	
29	SPACE	-	0.0	C	0.0	-	SPACE	30	
TOTAL CONNECTED LOAD (KVA)		2.7							
TOTAL DEMAND LOAD (KVA)		3.0							
FEEDER AMPERES DEMAND		8.3							

PANEL TAG: LN13 SECTION A				VOLTAGE: 120/208 VAC, 3-PHASE, 4-WIRE					
MOUNTING: SURFACE				MAINS LUG [X] C.B. [] AMPS: 200					
FEEDER: (SEE RISER DIAGRAM)				FEED THRU LUG [X]					
PANEL TYPE: LTG & APPLIANCE				MIN A.I.C.: 12,000					
CKT	ITEM OR AREA SERVED	O/C PROT	DIST KVA	P	DIST KVA	O/C PROT	ITEM OR AREA SERVED	CKT	
1	2nd FLR CORRIDOR LTG	201	0.8	A	1.2	201	RM 233 - HEADWALL	4	
2	2nd FLR WALL SCONCES	201	0.4	B	1.2	201	RM 233	6	
5	RM 227B - 227A	201	1.0	C	0.8	201	RM 232A, 233A	8	
7	RM 228 - 228C, 230C	201	0.5	A	1.2	201	RM 232 - HEADWALL	10	
9	RM 230, 231, 232, 233	201	1.2	B	1.2	201	RM 232	12	
11	RM 203, 204, 205, 206	201	1.2	C	1.2	201	RM 231 - HEADWALL	14	
13	SPACE	-	0.0	A	1.2	201	RM 231	16	
15	SPACE	-	0.0	B	0.8	201	RM 230A, 231A	18	
17	SPACE	-	0.0	C	1.2	201	RM 230 - HEADWALL	20	
19	SPACE	-	0.0	A	1.2	201	RM 230	22	
21	SPACE	-	0.0	B	1.2	201	RM 230, 231	24	
23	SPACE	-	0.0	C	1.0	201	RM 230A, 231A, 231L	26	
25	SPACE	-	0.0	A	1.2	201	RM 230	28	
27	SPACE	-	0.0	B	0.0	201	SPACE	30	
29	SPACE	-	0.0	C	0.0	201	SPACE	32	
31	SPACE	-	0.0	A	0.0	201	SPACE	34	
33	SPACE	-	0.0	B	0.0	201	SPACE	36	
35	SPACE	-	0.0	C	0.0	201	SPACE	38	
37	SPACE	-	0.0	A	0.0	201	SPACE	40	
39	SPACE	-	0.0	B	0.0	201	SPACE	42	
41	SPACE	-	0.0	C	0.0	201	SPACE	44	