

**PANEL HF3 (THIRD FLOOR MAINTENANCE ROOM) SECTION 1 120208 3PH 4W/200 AMP BUS MCB 42K AIC NEMA TYPE 1 (SURFACE)**

OKT#	LOAD DESCRIPTION	AF	AT	P	CA	DF	DA
1	RECEPT FIFTH FLOOR CORR, LINEN & ELEV LOBBY	20	20	1	12	0.0	6
3	ICE MAKER FIFTH FLOOR VENDING AREA	20	20	1	10	1.0	10
5	BATH ROOM RECEPT RM301	20	20	1	14	0.0	7
7	RECEPTS RM301	20	20	1	9	0.0	5
9	RECEPTS RM302	20	20	1	11	0.0	5
11	BED ROOM RECEPTS RM302	20	20	1	6	0.0	3
13	RECEPTS RM303	20	20	1	9	0.0	5
15	BATH ROOM RECEPT RM305	20	20	1	14	0.0	7
17	RECEPTS RM305	20	20	1	9	0.0	5
19	RECEPTS RM306	20	20	1	9	0.0	5
21	BATH ROOM RECEPT RM307	20	20	1	14	0.0	7
23	RECEPTS RM307	20	20	1	9	0.0	5
25	RECEPTS RM308	20	20	1	9	0.0	5
27	BATH ROOM RECEPT RM309	20	20	1	14	0.0	7
29	RECEPTS RM309	20	20	1	9	0.0	5
31	RECEPTS RM310	20	20	1	9	0.0	5
33	BATH ROOM RECEPT RM311	20	20	1	14	0.0	7
35	RECEPTS RM311	20	20	1	9	0.0	5
37	RECEPTS RM312	20	20	1	9	0.0	5
39	BATH ROOM RECEPT RM313	20	20	1	14	0.0	7
41	BATH ROOM RECEPT RM313	20	20	1	9	0.0	5

Section 1  
Total AmpsPH - Connected Load 147.87  
Demand Factor 52.38%  
Total AmpsPH - Demand 77.45  
Connected kVA 63.21  
Demand kVA 27.87  
Min. Panel Size (Demand x 1.25) - Amps 96.81

**PANEL HF3 (THIRD FLOOR MAINTENANCE ROOM) SECTION 2 120208 3PH 4W/200 AMP BUS MCB 42K AIC NEMA TYPE 1 (SURFACE)**

OKT#	LOAD DESCRIPTION	AF	AT	P	CA	DF	DA
43	RECEPTS RM314	20	20	1	9	0.0	5
45	BATH ROOM RECEPT RM315	20	20	1	14	0.0	7
47	RECEPTS RM315	20	20	1	9	0.0	5
49	RECEPTS RM316	20	20	1	9	0.0	5
51	BATH ROOM RECEPT RM317	20	20	1	14	0.0	7
53	RECEPTS RM317	20	20	1	9	0.0	5
55	RECEPTS RM318	20	20	1	9	0.0	5
57	BATH ROOM RECEPT RM319	20	20	1	14	0.0	7
59	RECEPTS RM319	20	20	1	9	0.0	5
61	RECEPTS GUEST ROOM 3GR	20	20	1	9	0.0	5
63	BATH ROOM RECEPT RM321	20	20	1	14	0.0	7
65	RECEPTS RM321	20	20	1	9	0.0	5
67	RECEPTS RM323	20	20	1	9	0.0	5
69	BATH ROOM RECEPT RM325	20	20	1	14	0.0	7
71	RECEPTS RM325	20	20	1	9	0.0	5
73	RECEPTS RM327	20	20	1	9	0.0	5
75	SPACE	20	20	1	0	0	0
77	SPACE	20	20	1	0	0	0
79	SPACE	20	20	1	0	0	0
81	SPACE	20	20	1	0	0	0
83	SPACE	20	20	1	0	0	0

Section 2  
Total AmpsPH - Connected Load 112.67  
Demand Factor 60.00%  
Total AmpsPH - Demand 68.33  
Connected kVA 40.54  
Demand kVA 20.27  
Min. Panel Size (Demand x 1.25) - Amps 70.42

Panel Location: MWINRM  
AF - Amp Frame  
AT - Amp Trip  
P - Poles  
CA - Connected Amps  
DF - Demand Factor (1 - 1)  
DA - Demand Amps  
M.O. - Main Lug Only  
MCB - Main Circuit Breaker

SEE SWITCHBOARD DATA FOR ELECTRONIC BREAKER SETTINGS

**PANEL HF4 (FOURTH FLOOR MAINTENANCE ROOM) SECTION 1 120208 3PH 4W/200 AMP BUS MCB 42K AIC NEMA TYPE 1 (SURFACE)**

OKT#	LOAD DESCRIPTION	AF	AT	P	CA	DF	DA
1	RECEPT FOURTH FLOOR CORR, LINEN & ELEV LOBBY	20	20	1	12	0.0	6
3	ICE MAKER FIFTH FLOOR VENDING AREA	20	20	1	10	1.0	10
5	BATH ROOM RECEPT RM401	20	20	1	14	0.0	7
7	RECEPTS RM401	20	20	1	9	0.0	5
9	RECEPTS RM402	20	20	1	11	0.0	5
11	BED ROOM RECEPTS RM402	20	20	1	6	0.0	3
13	RECEPTS RM403	20	20	1	9	0.0	5
15	BATH ROOM RECEPT RM405	20	20	1	14	0.0	7
17	RECEPTS RM405	20	20	1	9	0.0	5
19	RECEPTS RM406	20	20	1	9	0.0	5
21	BATH ROOM RECEPT RM407	20	20	1	14	0.0	7
23	RECEPTS RM407	20	20	1	9	0.0	5
25	RECEPTS RM408	20	20	1	9	0.0	5
27	BATH ROOM RECEPT RM409	20	20	1	14	0.0	7
29	RECEPTS RM409	20	20	1	9	0.0	5
31	RECEPTS RM410	20	20	1	9	0.0	5
33	BATH ROOM RECEPT RM411	20	20	1	14	0.0	7
35	RECEPTS RM411	20	20	1	9	0.0	5
37	RECEPTS RM412	20	20	1	9	0.0	5
39	BATH ROOM RECEPT RM413	20	20	1	14	0.0	7
41	RECEPTS RM413	20	20	1	9	0.0	5

Section 1  
Total AmpsPH - Connected Load 147.87  
Demand Factor 52.38%  
Total AmpsPH - Demand 77.45  
Connected kVA 63.21  
Demand kVA 27.87  
Min. Panel Size (Demand x 1.25) - Amps 96.81

**PANEL HF4 (FOURTH FLOOR MAINTENANCE ROOM) SECTION 2 120208 3PH 4W/200 AMP BUS MCB 42K AIC NEMA TYPE 1 (SURFACE)**

OKT#	LOAD DESCRIPTION	AF	AT	P	CA	DF	DA
43	RECEPTS RM414	20	20	1	9	0.0	5
45	BATH ROOM RECEPT RM415	20	20	1	14	0.0	7
47	RECEPTS RM415	20	20	1	9	0.0	5
49	RECEPTS RM416	20	20	1	9	0.0	5
51	BATH ROOM RECEPT RM417	20	20	1	14	0.0	7
53	RECEPTS RM417	20	20	1	9	0.0	5
55	RECEPTS RM418	20	20	1	9	0.0	5
57	BATH ROOM RECEPT RM419	20	20	1	14	0.0	7
59	RECEPTS RM419	20	20	1	9	0.0	5
61	RECEPTS GUEST ROOM 4GR	20	20	1	9	0.0	5
63	BATH ROOM RECEPT RM421	20	20	1	14	0.0	7
65	RECEPTS RM421	20	20	1	9	0.0	5
67	RECEPTS RM423	20	20	1	9	0.0	5
69	BATH ROOM RECEPT RM425	20	20	1	14	0.0	7
71	RECEPTS RM425	20	20	1	9	0.0	5
73	RECEPTS RM427	20	20	1	9	0.0	5
75	SPACE	20	20	1	0	0	0
77	SPACE	20	20	1	0	0	0
79	SPACE	20	20	1	0	0	0
81	SPACE	20	20	1	0	0	0
83	SPACE	20	20	1	0	0	0

Section 2  
Total AmpsPH - Connected Load 112.67  
Demand Factor 60.00%  
Total AmpsPH - Demand 68.33  
Connected kVA 40.54  
Demand kVA 20.27  
Min. Panel Size (Demand x 1.25) - Amps 70.42

Panel Location: MWINRM  
AF - Amp Frame  
AT - Amp Trip  
P - Poles  
CA - Connected Amps  
DF - Demand Factor (1 - 1)  
DA - Demand Amps  
M.O. - Main Lug Only  
MCB - Main Circuit Breaker

SEE SWITCHBOARD DATA FOR ELECTRONIC BREAKER SETTINGS

**PANEL HF3A (THIRD FLOOR MAINTENANCE ROOM) SECTION 1 120208 3PH 4W/150 AMP BUS MCB 42K AIC NEMA TYPE 1 (SURFACE)**

OKT#	LOAD DESCRIPTION	AF	AT	P	CA	DF	DA
1	BATH ROOM RECEPT RM329	20	20	1	14	0.0	7
3	RECEPTS RM329	20	20	1	9	0.0	5
5	RECEPTS RM331	20	20	1	9	0.0	5
7	BATH ROOM RECEPT RM333	20	20	1	14	0.0	7
9	RECEPTS RM333	20	20	1	9	0.0	5
11	BATH ROOM RECEPT RM335	20	20	1	9	0.0	5
13	BATH ROOM RECEPT RM336	20	20	1	14	0.0	7
15	RECEPTS RM336	20	20	1	9	0.0	5
17	RECEPTS RM337	20	20	1	9	0.0	5
19	BATH ROOM RECEPT RM338	20	20	1	14	0.0	7
21	RECEPTS RM338	20	20	1	9	0.0	5
23	RECEPTS RM339	20	20	1	9	0.0	5
25	BATH ROOM RECEPT RM340	20	20	1	14	0.0	7
27	RECEPTS RM340	20	20	1	9	0.0	5
29	RECEPTS RM342	20	20	1	9	0.0	5
31	BATH ROOM RECEPT RM343	20	20	1	14	0.0	7
33	RECEPTS RM343	20	20	1	9	0.0	5
35	RECEPTS RM344	20	20	1	9	0.0	5
37	BATH ROOM RECEPT RM345	20	20	1	14	0.0	7
39	RECEPTS RM345	20	20	1	9	0.0	5
41	LGHS GUEST ROOMS 311, 313, 315, 317, 319 & 321	20	20	1	1.0	0	0

Section 1  
Total AmpsPH - Connected Load 138.67  
Demand Factor 50.00%  
Total AmpsPH - Demand 69.33  
Connected kVA 49.90  
Demand kVA 24.95  
Min. Panel Size (Demand x 1.25) - Amps 86.67

**PANEL HF3A (THIRD FLOOR MAINTENANCE ROOM) SECTION 2 120208 3PH 4W/150 AMP BUS MCB 42K AIC NEMA TYPE 1 (SURFACE)**

OKT#	LOAD DESCRIPTION	AF	AT	P	CA	DF	DA
43	LGHS GUEST ROOMS 322, 326, 328 & 330	20	20	1	1.0	0	0
45	LGHS GUEST ROOMS 323, 327 & 329	20	20	1	1.0	0	0
47	LGHS GUEST ROOMS 328, 330 & 332	20	20	1	1.0	0	0
49	LGHS GUEST ROOMS 312, 314, 316, 318 & 320	20	20	1	1.0	0	0
51	LGHS GUEST ROOMS 343, 344 & 345	20	20	1	1.0	0	0
53	RECEPTS RM346	20	20	1	9	0.0	5
55	RECEPTS RM347	20	20	1	9	0.0	5
57	RECEPTS RM348	20	20	1	9	0.0	5
59	RECEPTS RM349	20	20	1	9	0.0	5
61	RECEPTS RM350	20	20	1	9	0.0	5
63	RECEPTS RM351	20	20	1	9	0.0	5
65	RECEPTS RM352	20	20	1	9	0.0	5
67	RECEPTS RM353	20	20	1	9	0.0	5
69	RECEPTS RM354	20	20	1	9	0.0	5
71	SPACE	20	20	1	0	0	0
73	SPACE	20	20	1	0	0	0
75	SPACE	20	20	1	0	0	0
77	SPACE	20	20	1	0	0	0
79	SPACE	20	20	1	0	0	0
81	SPACE	20	20	1	0	0	0
83	SPACE	20	20	1	0	0	0

Section 2  
Total AmpsPH - Connected Load 1.33  
Demand Factor 100.00%  
Total AmpsPH - Demand 1.33  
Connected kVA 0.48  
Demand kVA 0.48  
Min. Panel Size (Demand x 1.25) - Amps 1.67

Panel Location: MWINRM  
AF - Amp Frame  
AT - Amp Trip  
P - Poles  
CA - Connected Amps  
DF - Demand Factor (1 - 1)  
DA - Demand Amps  
M.O. - Main Lug Only  
MCB - Main Circuit Breaker

SEE SWITCHBOARD DATA FOR ELECTRONIC BREAKER SETTINGS

**PANEL HF4A (FOURTH FLOOR MAINTENANCE ROOM) SECTION 1 120208 3PH 4W/150 AMP BUS MCB 42K AIC NEMA TYPE 1 (SURFACE)**

OKT#	LOAD DESCRIPTION	AF	AT	P	CA	DF	DA
1	BATH ROOM RECEPT RM429	20	20	1	14	0.0	7
3	RECEPTS RM429	20	20	1	9	0.0	5
5	RECEPTS RM431	20	20	1	9	0.0	5
7	BATH ROOM RECEPT RM433	20	20	1	14	0.0	7
9	RECEPTS RM433	20	20	1	9	0.0	5
11	RECEPTS RM435	20	20	1	9	0.0	5
13	BATH ROOM RECEPT RM436	20	20	1	14	0.0	7
15	RECEPTS RM436	20	20	1	9	0.0	5
17	RECEPTS RM437	20	20	1	9	0.0	5
19	BATH ROOM RECEPT RM438	20	20	1	14	0.0	7
21	RECEPTS RM438	20	20	1	9	0.0	5
23	RECEPTS RM439	20	20	1	9	0.0	5
25	BATH ROOM RECEPT RM440	20	20	1	14	0.0	7
27	RECEPTS RM440	20	20	1	9	0.0	5
29	RECEPTS RM442	20	20	1	9	0.0	5
31	BATH ROOM RECEPT RM443	20	20	1	14	0.0	7
33	RECEPTS RM443	20	20	1	9	0.0	5
35	RECEPTS RM444	20	20	1	9	0.0	5
37	BATH ROOM RECEPT RM445	20	20	1	14	0.0	7
39	RECEPTS RM445	20	20	1	9	0.0	5
41	LGHS GUEST ROOMS 411, 413, 415, 417, 419 & 421	20	20	1	1.0	0	0

Section 1  
Total AmpsPH - Connected Load 138.67  
Demand Factor 50.00%  
Total AmpsPH - Demand 69.33  
Connected kVA 49.90  
Demand kVA 24.95  
Min. Panel Size (Demand x 1.25) - Amps 86.67

**PANEL HF4A (FOURTH FLOOR MAINTENANCE ROOM) SECTION 2 120208 3PH 4W/150 AMP BUS MCB 42K AIC NEMA TYPE 1 (SURFACE)**

OKT#	LOAD DESCRIPTION	AF	AT	P	CA	DF	DA
43	LGHS GUEST ROOMS 422, 424, 426 & 430	20	20	1	1.0	0	0