

PANEL DESIGNATION:			BO1H	VOLT: 277/480		AMP: 225																					
ROOM:			BOU1	PHASES:		MAIN: MLO																					
ELECTRICAL SYSTEM			NORMAL		PHASES:		A/C:																				
					WIRES:																						
LOAD DESCRIPTION			AT	P	CA	DF	DA	PH	DA	DF	CA	P	AT	LOAD DESCRIPTION	CKT												
CKT																											
1	NEW LIGHTING														20	1	3	0.7	2.1	A	0.0	1.0	0	1	20	SPACE	2
3	EXISTING														20	1	5	0.7	3.5	B	3.5	0.7	5	1	20	EXISTING	4
5	EXISTING														20	1	5	0.7	3.5	C	3.5	0.7	5	1	20	EXISTING	6
7	EXISTING														20	1	5	0.7	3.5	A	3.5	0.7	5	1	20	EXISTING	8
9	EXISTING														20	1	5	0.7	3.5	B	3.5	0.7	5	1	20	EXISTING	10
11	EXISTING														20	1	5	0.7	3.5	C	3.5	0.7	5	1	20	EXISTING	12
13	EXISTING														20	1	5	0.7	3.5	A	3.5	0.7	5	1	20	EXISTING	14
15	EXISTING														20	1	5	0.7	3.5	B	3.5	0.7	5	1	20	EXISTING	16
17	EXISTING														20	1	5	0.7	3.5	C	3.5	0.7	5	1	20	EXISTING	18
19	EXISTING														20	1	5	0.7	3.5	A	3.5	0.7	5	1	20	EXISTING	20
21	EXISTING														20	1	5	0.7	28.0	B	3.0	1.0	3			EXISTING	22
23	EXISTING														50	3	40	0.7	28.0	C	3.0	1.0	3	3	20	AH1-B3	24
25	EXISTING														20	1	5	0.7	28.0	A	3.0	1.0	3			EXISTING	26
27	SPACE ONLY														20	1	0	1.0	0.0	B	0.0	1.0	0	1	20	SPACE ONLY	28
29	SPACE ONLY														20	1	0	1.0	0.0	C	0.0	1.0	0	1	20	SPACE ONLY	30
AT - AMP TRIP															TOTAL AMPS/PH - CONNECTED LOAD: 74.0												
P - POLES															DEMAND FACTOR: 0.7												
A - AMPS															TOTAL AMPS/PH - DEMAND: 52.7												
CA - CONNECTED AMPERES															CONNECTED KVA: 17.8												
DF - DEMAND FACTOR (1 - .1)															DEMAND KVA: 12.6												
DA - DEMAND AMPERES															PANEL SIZE (DEMAND X 1.25) - AMPERES: 85.9												
PH - PHASE																											

PANEL DESIGNATION:			406H	VOL.T: 277/480			AMP: 225							
ROOM:			4S13	PHASES: 3			MAIN: MLO							
ELECTRICAL SYSTEM:			NORMAL	WIRES: 4			AIC:							
CKT	LOAD DESCRIPTION	AT	P	CA	DF	DA	PH	DA	DF	CA	P	AT	LOAD DESCRIPTION	CKT
1	LTG. 4S-77,78,79,80,81B	20	1	7	0.7	4.9	A	4.9	0.7	7	1	20	LTG. 4S-48,50,51,51.5,1D.	2
3	LTG. 4S-81	20	1	7	0.7	4.9	B	6.3	0.7	9	1	20	4CSG4,4S14,4S16,4S19, 4S21,4S22,4S23,4S24, 4S28,4S27,4S26A,4S26, 4S25, 4S09, 4CS03, 4S04, 4S06, 4S07, LTG.	6
5	LTG. 4S-75A,75B,83,84	20	1	7	0.7	4.9	C	4.2	0.7	6	1	20	SPARE	8
7	4E01,4E02,4E02A,4E02C, 4E03A,4C02,4E01A,4E02B, 4E03,4E02D LTG.	20	1	10	0.7	7.0	A	0.0	1.0	0	1	20	SPARE	10
9	SPARE	20	1	0	1.0	0.00	B	0.0	1.0	0	1	20	SPARE	12
11	SPARE	20	1	0	1.0	0.00	A	0.0	1.0	0	1	20	SPARE	14
13	SPARE	20	1	0	1.0	0.00	B	0.0	1.0	0	1	20	SPARE	16
15	SPARE	20	1	0	1.0	0.00	C	0.0	1.0	0	1	20	SPARE	18
17	SPARE	20	1	0	1.0	0.00	A	0.0	1.0	0	1	20	SPARE	20
19	SPARE	20	1	0	1.0	0.00	B	0.0	1.0	0	1	20	SPARE	22
21	SPARE	20	1	0	1.0	0.00	C	0.0	1.0	0	1	20	SPARE	24
23	SPARE	20	1	0	1.0	0.00	A	0.0	1.0	0	1	20	SPARE	26
25	SPARE	20	1	0	1.0	0.00	B	0.0	1.0	0	1	20	SPARE	28
27	SPARE	20	1	0	1.0	0.00	C	0.0	1.0	0	1	20	SPARE	30
29	SPARE	20	1	0	1.0	0.00	C	0.0	1.0	0	1	20	SPARE	
AT - AMP TRIP		TOTAL AMPS/PH - CONNECTED LOAD: 17.7												
P - POLES		DEMAND FACTOR: 0.7												
A - AMPS		TOTAL AMPS/PH - DEMAND: 12.4												
CA - CONNECTED AMPERES		CONNECTED KVA: 4.2												
DF - DEMAND FACTOR (1 - .1)		DEMAND KVA: 3.0												
DA - DEMAND AMPERES		PANEL SIZE (DEMAND X 1.25) - AMPERES: 15.5												
PH - PHASE														

PANEL DESIGNATION:			406	VOLT: 120/208			AMP: 100							
ROOM:			4513	PHASES: 3			MAIN: MLO							
ELECTRICAL SYSTEM:			NORMAL	WIRES: 4			AC: 22K							
CKT	LOAD DESCRIPTION	AT	P	CA	DF	DA	PH	DA	DF	CA	P	AT	LOAD DESCRIPTION	CKT
1	LIG 4515	20	1	7	0.7	4.9	A	4.9	0.7	7	1	20	EXISTING	2
3	REC. 4515	20	1	7	0.7	4.9	B	4.9	0.7	7	1	20	EXISTING	4
5	LIG. BUS	20	1	7	0.7	4.9	C	2.1	0.7	3	1	20	BARGIATICS	6
7	CLEAN	20	1	3	0.7	2.1	A	4.9	0.7	7	1	20	EXISTING	8
9	LIG & REC. 4529	20	1	7	0.7	4.9	B	6.3	0.7	9	1	20	PACU BAY	10
11	NOURISH	20	1	7	0.7	4.9	C	6.3	0.7	9	1	20	PACU BAY	12
13	SOILED, 4509, 4516	20	1	5	0.7	3.5	A	4.9	0.7	7	1	20	EXISTING	14
15	SUPPLIES	20	1	5	0.7	3.5	B	4.9	0.7	7	1	20	EXISTING	16
17	ISOLATION	20	1	5	0.7	3.5	C	6.3	0.7	9	1	20	PACU BAY	18
19	PACU BAY	20	1	9	0.7	6.3	A	6.3	0.7	9	1	20	PACU BAY	20
21	VAV, CAV	20	1	5	0.7	3.5	B	6.3	0.7	9	1	20	NURSE STATION	22
23	SPACE ONLY	20	0	1.0	0.0	C	0.0	1.0	0	0			SPACE ONLY	24
25	MAIN LIG. 4515	20	1	7	0.7	4.9	A	6.3	0.7	9	1	20	PACU BAY	26
27	COPIER 4515	20	1	7	0.7	4.9	B	6.3	0.7	9	1	20	PACU BAY	28
29	BUS LIG. 4515	20	1	7	0.7	4.9	C	6.3	0.7	9	1	20	PACU BAY	30
AT - AMP TRIP		TOTAL AMPS/PH - CONNECTED LOAD: 86.0												
P - POLES		DEMAND FACTOR: 0.7												
A - AMPS		TOTAL AMPS/PH - DEMAND: 46.2												
CA - CONNECTED AMPERES		CONNECTED KVA: 15.8												
DF - DEMAND FACTOR (1 - .1)		DEMAND KVA: 11.1												
DA - DEMAND AMPERES		PANEL SIZE (DEMAND X 1.25) - AMPERES: 57.8												
PH - PHASE														

NOTES:
THIN SOLID TEXT INDICATES
EXISTING LOADS TO REMAIN
AND THICK SOLID TEXT
INDICATE NEW LOADS.

PANEL DESIGNATION:		B04	VOLT: 120/208		AMP: 100			
ROOM:		BS08A	PHASES: 3		MAIN: MLO			
ELECTRICAL SYSTEM:		NORMAL	WIRES: 4		AIC: 10K			
OKT	LOAD DESCRIPTION	P	CA	DF	PH	DA	CA	P
OKT	LOAD DESCRIPTION	AT	P	CA	DF	PH	DA	CA
1	REC. BS04	20	1	5	0.7	3.5	A	5.0 1.0 5
3	REC. BS04-C	20	1	5	0.7	3.5	B	5.0 1.0 5
5	REC. BS04	20	1	5	0.7	3.5	C	5.0 1.0 5
7	HOOD-BS04-C	20	1	5	0.7	3.5	A	5.0 1.0 5
9	REC. BS08A	20	1	9	0.7	6.3	B	5.0 1.0 5
11	REC. CHARG. STAT. BS08A	20	1	10	0.7	7.0	C	5.0 1.0 5
13	REC. BS04-C-E	20	1	5	0.7	3.5	A	5.0 1.0 5
15	LIG. BS10	20	1	5	0.7	3.5	B	7.0 0.7 10
17	REC. PRESS. WASHER BS07	20	2	4.5	0.7	3.2	C	5.0 1.0 5
19	---	---	--	4.5	0.7	3.2	A	5.0 1.0 5
21	EXISTING	20	1	5	0.7	3.5	B	5.0 1.0 5
23	EXISTING	20	1	5	0.7	3.5	C	5.0 1.0 5
25	EXISTING	20	1	5	0.7	3.5	A	5.0 1.0 5
27	REC. CB-9	20	1	5	0.7	3.5	B	5.0 1.0 5
29	REC. CB-8	20	1	5	0.7	3.5	C	5.0 1.0 5
31	REC. CHARG. STAT. BS08A	20	1	10	0.7	7.0	A	5.0 1.0 5
33	REC. CHARG. STAT. BS08A	20	1	10	0.7	7.0	B	7.0 0.7 10
35	HOOD BS04E	20	1	5	0.7	3.5	C	5.0 1.0 6
37	REF. BS04E	20	1	5	0.7	3.5	A	5.0 1.0 5
39	REC. BS04E	20	1	5	0.7	3.5	B	5.0 1.0 5
41	REC. CHARG. STAT. BS08A	20	1	10	0.7	7.0	C	7.0 0.7 10
42	AT - AMP TRIP							
P - POLES		TOTAL AMPS/PH - CONNECTED LOAD:		83.0		NOTES:		
A - AMPS		DEMAND FACTOR:		0.8		THIN SOLID TEXT INDICATES		
CA - CONNECTED AMPERES		TOTAL AMPS/PH - DEMAND:		67.2		EXISTING LOADS TO REMAIN		
DF - DEMAND FACTOR (1 - .1)		CONNECTED KW/L:		19.9		AND THICK SOLID TEXT		
DA - DEMAND AMPERES		DEMAND KW/L:		16.1		INDICATE NEW LOADS.		
PH - PHASE		PANEL SIZE (DEMAND X 1.25) - AMPERES:		84.0				

PANEL DESIGNATION:			401	VOLT: 120/208			AMP: 100							
ROOM:			4502	PHASES: 3			MAIN: MLO							
ELECTRICAL SYSTEM			NORMAL	WIRES:			A/C:							
CKT	LOAD DESCRIPTION	AT	CA	DF	DA	PH	DA	DF	CA	P	AT	LOAD DESCRIPTION	CKT	
1	REC. 4W06	20	1	7	0.7	4.9	A	5.0	1.0	5	1	20	REC. E. SURGICAL HALLWAY	2
3	REC. & LTG. 4W06,07	20	1	7	0.7	4.9	B	8.4	0.7	12	1	20	LOUNGE 4501 ICE MACHINE	4
5	REC. 4W08	20	1	7	0.7	4.9	C	4.9	0.7	7	1	20	LOUNGE 4501 REC.	6
7	REC. E. SURGICAL HALLWAY	20	1	7	0.7	4.9	A	7.0	0.7	10	1	20	LOUNGE 4501 MICROWAVE	8
9	REC. 4E05	20	1	7	0.7	4.9	B	9.8	0.7	14	1	20	LOUNGE 4501 REFRIGERATOR	10
11	LOUNGE 4501 REC.	20	1	7	0.7	4.9	C	5.0	1.0	5	1	20	REC. 4W09	12
13	REC. 4M05 SIC	20	1	7	0.7	4.9	A	5.0	1.0	5	1	20	REC. 4W10	14
15	LTG. 4W03	20	1	7	0.7	4.9	B	5.0	1.0	5	1	20	REC. 4W11	16
17	REC. & LTG. 4W03	20	1	7	0.7	4.9	C	5.0	1.0	5	1	20	LTG. NEW SICU	18
19	REC. 4W30 NEW SICU	20	1	7	0.7	4.9	A	5.0	1.0	5	1	20	LTG. NEW SICU	20
21	REC. 4W30 NEW SICU	20	1	7	0.7	4.9	B	2.1	0.7	3	1	20	4507	22
23	REC. 4W05	20	1	7	0.7	4.9	C	5.0	1.0	5	1	20	REC. 4W05	24
25	REC. 4W05	20	1	7	0.7	4.9	A	2.1	0.7	3	1	20	REC. 4W06	26
27	REC. 4W05	20	1	7	0.7	4.9	B	0.0	1.0	0	1	20	SPARE	28
29	WAVS & CAVS	20	1	2	0.7	1.4	C	5.0	1.0	5	1	20	LTG. NEW SICU	30
31	REC. 4W26	20	1	7	0.7	4.9	A	5.0	1.0	5	1	20	LTG. NEW SICU	32
33	REC. 4W26	20	1	7	0.7	4.9	B	5.0	1.0	5	1	20	LTG. NEW SICU	34
35	REC. 4W01	20	1	7	0.7	4.9	C	5.0	1.0	5	1	20	LTG. NEW SICU	36
37	LASER 4W08	20	1	7	0.7	4.9	A	5.0	1.0	5	1	20	AS 208V FILM PROCESSOR 4505A	38
39	LASER 4W08	20	1	7	0.7	4.9	B	5.0	1.0	5	1	20	AS 208V FILM PROCESSOR 4505A	40
41	SPACE ONLY	20	1	7	0.7	4.9	C	5.0	1.0	5	1	20	AS 208V FILM PROCESSOR 4505A	42
AT - AMP TRIP			0	1.0	0.0	C	0.0	1.0	0	1.0	0	SPACE ONLY		
TOTAL AMPS/PH - CONNECTED LOAD:			83.0											
P - POLES			TOTAL AMPS/PH - DEMAND FACTOR: 0.8											
A - AMPS			TOTAL AMPS/PH - DEMAND: 64.6											
CA - CONNECTED AMPERES			CONNECTED KVA: 19.9											
DF - DEMAND FACTOR (1 - .1)			DEMAND KVA: 15.5											
DA - DEMAND AMPERES			PANEL SIZE (DEMAND X 1.25) - AMPERES: 80.8											
PH - PHASE														

NOTES:												
THIN SOLID TEXT INDICATES EXISTING LOADS TO REMAIN AND												
DASHED TEXT INDICATES NEW LOADS.												

PANEL DESIGNATION:		405A	VOLT: 120/208		AMP: 200			
ROOM:		4S13	PHASES: 3		MAIN: MLO			
ELECTRICAL SYSTEM:		CRITICAL	WIRES: 4		A/C:			
OKT	LOAD DESCRIPTION	AT	P	CA	DF	DA	PH	DA
		CA	P	CA	DF	DA	PH	DA
1	PACU BAYS (3)	20	1	12	0.7	8.4	A	9.0 1.0 9
3	STOR. 4528 BLANKET WARNER	20	1	7	0.7	4.9	B	4.9 0.7 1
5	STOR. 4528 CRASH CART	20	1	7	0.7	4.9	C	4.9 0.7 1
7	COM. 4511, ELEC. 4S13 REC.	20	1	7	0.7	4.9	A	4.9 0.7 1
9	MEDS 4527 UC REFRIG., DICATION 4526A REC.	20	1	15	1.0	15.0	B	4.9 0.7 1
11	NOTES: 4526A UC REFRIG. & ICE MACHINE	20	1	15	1.0	15.0	C	9.0 1.0 9
13	NURSES STATION 4526 REC.	20	1	10	0.7	7.0	A	3.5 0.7 5
15	PYXIS UNIT	20	1	15	1.0	15.0	B	3.5 0.7 5
17	SPARE	20	1	0	1.0	0.0	C	3.5 0.7 5
19	SPARE	20	1	0	1.0	0.0	A	0.0 1.0 0
21	SPARE	20	1	0	1.0	0.0	B	0.0 1.0 0
23	SPARE	20	1	0	1.0	0.0	C	0.0 1.0 0
25	SPARE	20	2	0	1.0	0.0	A	0.0 1.0 0
27	---	---	---	0	1.0	0.0	B	0.0 1.0 0
29	EXISTING	20	1	7	0.7	4.9	C	0.0 1.0 0
AT - AMP TRIP		TOTAL AMPS/PH - CONNECTED LOAD: 52.0						
P - POLES		DEMAND FACTOR: 0.8						
A - AMPS		TOTAL AMPS/PH - DEMAND: 42.7						
CA - CONNECTED AMPERES		CONNECTIONS REMAINING: 12.5						
DF - DEMAND FACTOR (1 - 1)		CONNECTIONS REMAINING: 12.5						
DA - DEMAND AMPERES		DEMAND KVA: 10.2						
PH - PHASE		PANEL SIZE (DEMAND X 1.25) - AMPERES: 53.4						

PANEL DESIGNATION: 404B			VOLT: 120/208		AMP: 100									
ROOM: 4502			PHASES: 3		MAIN: MLO									
ELECTRICAL SYSTEM			WIRES: 4		AIC:									
CKT	LOAD DESCRIPTION	AT	P	CA	DF	PH	DA	DF	CA	P	AT	LOAD DESCRIPTION	CKT	
		PLUS 4S-81	20	1	7	0.7	4.9	A	4.9	0.7	7			1
3	PLUS 4S-81	20	1	7	0.7	4.9	B	4.9	0.7	7	1	20	PLUS 4S-81	4
5	PLUS 4S-81	20	1	7	0.7	4.9	C	4.9	0.7	7	1	20	PLUS 4S-81	6
7	PLUS 4S-81	20	1	7	0.7	4.9	A	4.9	0.7	7	1	20	PLUS 4S-81	8
9	PLUS 4S-79	20	1	7	0.7	4.9	B	4.9	0.7	7	1	20	PLUS 4S-77	10
11	PLUS 4S-81B	20	1	7	0.7	4.9	C	4.9	0.7	7	1	20	PLUS 4S-77	12
13	CONFERENCE 4E03A REC.	20	1	9	0.7	6.3	A	4.9	0.7	6	1	20	REC. ANES EXAM 4E02D	14
15	PLUS 4S-76	20	1	7	0.7	4.9	B	4.2	0.7	6	1	20	PLUS 4S-77	16
17	PLUS 4S-58	20	1	7	0.7	4.9	C	4.9	0.7	7	1	20	PLUS 4S-77	18
19	PLUS 4S-75A	20	1	7	0.7	4.9	A	5.3	0.7	7.5	1	20	REC. ANES EXAM 4E02D	20
21	PLUS 4S-75A	20	1	7	0.7	4.9	B	5.3	0.7	7.5	1	20	REC. 4E02A, 4E03	22
23	REC. CONFERENCE 4E03A	20	1	9	0.7	6.3	C	4.9	0.7	7	1	20	PLUS WASHER 4S-81	24
25	REC. CASE MGRS 4E02C	20	1	7.5	0.7	5.3	A	4.9	0.7	7	1	20	PLUS WASHER	26
27	STER.	20	1	7	0.7	4.9	B	4.9	0.7	7	1	20	PLUG WASHER	28
29	REC. CASE MGRS 4E02C	20	1	6	0.7	4.2	C	4.9	0.7	7	1	20	PLUG DRYER 4S-81	30
31	LAZER	20	1	7	0.7	4.9	A	4.9	0.7	7	1	20	PLUG DRYER 4S-81	32
33	LAZER	20	1	7	0.7	4.9	B	5.3	0.7	7.5	1	20	REC. CONSULT 4E01A	34
35	REC. RESIDENTS 4E02A	20	1	6	0.7	4.2	C	5.3	0.7	7.5	1	20	REC. CONSULT 4E01A	36
37	WAITING 4E01 REC.	20	1	7	0.7	4.9	A	5.3	0.7	7.5	1	20	WAITING 4E01 REC.	38
39	SPACE ONLY	20	1	0	1.0	0.0	B	0.0	1.0	0	0	20	SPACE ONLY	40
41	SPACE ONLY	20	1	0	1.0	0.0	C	0.0	1.0	0	0	20	SPACE ONLY	42
TOTAL AMPS/PH - CONNECTED LOAD: 90.0												THIN		
P - POLES												NOTES:		
P - AMPS												SOLID TEXT INDICATES EXISTING		
TOTAL AMPS/PH - DEMAND FACTOR: 0.7												LOADS TO REMAIN AND THICK		
TOTAL AMPS/PH - DEMAND: 53.0												SOLID TEXT INDICATE NEW LOADS.		
CONNECTED KVA: 21.6														
DEMAND KVA: 15.1														
PANEL SIZE (DEMAND X 1.25) - AMPSFEET: 78.7														
DA - DEMAND AMPERES														
PH - PHASE														