

Order Plans

PANEL 'P1'
120/208 VOLT, 3 PHASE, 4 WIRE
400 A MLO (VIA 400A FUSE)

SURFACE MOUNTED, NEMA 1
REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT
PROVIDE WITH GROUND BAR

CKT	DESCRIPTION	BREAKER			LOAD	CKT	DESCRIPTION	BREAKER			LOAD
		TRIP	POLE	VOLT				TRIP	POLE	VOLT	
1	SPARE	20	1	120		2	SPARE	20	1	120	
3	SPARE	20	1	120		4	SPARE	20	1	120	
5	SPARE	20	1	120		5	SPARE	20	1	120	
7	SPARE	20	1	120		8	SPARE	20	1	120	
9	SPARE	20	1	120		10	SPARE	20	1	120	
11	SPARE	20	1	120		12	SPARE	20	1	120	
13	RTU	60	3	208		14	SPARE	20	1	120	
15	-----					16	SPARE	20	1	120	
17	-----					18	SPARE	20	1	120	
19	SPACE	1				20	SPACE	1			
21	SPACE	1				22	SPACE	1			
23	SPACE	1				24	SPACE	1			
25	SPACE	1				26	SPACE	1			
27	SPACE	1				28	SPACE	1			
29	SPACE	1				30	SPACE	1			
31	SPACE	1				32	SPACE	1			
33	SPACE	1				34	SPACE	1			
35	SPACE	1				36	SPACE	1			
37	SPACE	1				38	SPACE	1			
39	SPACE	1				40	SPACE	1			
41	SPACE	1				42	SPACE	1			

LOAD CODES	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD
1. LIGHTING	0	1.25	0.0
2. HEAT	0	1.00	0.0
3. AIR CONDITIONING	0	1.00	0.0
4. MOTORS	0	25% OF LARGEST MOTO	0.0
5. RECEPTACLES	0	NEC 220.44	0.0
6. MISC. CONTINUOUS LOADS	0	1.25	0.0
7. MISC. NON-CONTINUOUS LOADS	0	1.00	0.0
8. KITCHEN EQUIPMENT (6 PIECES)	0	0.65	0.0
9. HOTEL ROOM LOADS	0	NEC 220.42	0.0
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	0		0.0

0.0 LESS SMALLEST OF HEATAC
0.0 TOTAL DEMAND LOAD
VOLTAGE 208
PHASE 3
0 AMPS

PANEL 'P2' (TYPICAL FOR PANELS P3-P4-P5-P6-P7-P8)
120/208 VOLT, 3 PHASE, 4 WIRE
225 A MLO (VIA 200A FUSE)

SURFACE MOUNTED, NEMA 1
REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT
PROVIDE WITH GROUND BAR

CKT	DESCRIPTION	BREAKER			LOAD	CKT	DESCRIPTION	BREAKER			LOAD
		TRIP	POLE	VOLT				TRIP	POLE	VOLT	
1	SPARE	20	1	120		2	SPARE	20	1	120	
3	SPARE	20	1	120		4	SPARE	20	1	120	
5	SPARE	20	1	120		6	SPARE	20	1	120	
7	SPARE	20	1	120		8	SPARE	20	1	120	
9	SPARE	20	1	120		10	SPARE	20	1	120	
11	SPARE	20	1	120		12	SPARE	20	1	120	
13	SPARE	60	3	208		14	SPARE	20	1	120	
15	-----					16	SPARE	20	1	120	
17	-----					18	SPARE	20	1	120	
19	SPACE	1				20	SPACE	1			
21	SPACE	1				22	SPACE	1			
23	SPACE	1				24	SPACE	1			
25	SPACE	1				26	SPACE	1			
27	SPACE	1				28	SPACE	1			
29	SPACE	1				30	SPACE	1			
31	SPACE	1				32	SPACE	1			
33	SPACE	1				34	SPACE	1			
35	SPACE	1				36	SPACE	1			
37	SPACE	1				38	SPACE	1			
39	SPACE	1				40	SPACE	1			
41	SPACE	1				42	SPACE	1			

LOAD CODES	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD
1. LIGHTING	0	1.25	0.0
2. HEAT	0	1.00	0.0
3. AIR CONDITIONING	0	1.00	0.0
4. MOTORS	0	25% OF LARGEST MOTO	0.0
5. RECEPTACLES	0	NEC 220.44	0.0
6. MISC. CONTINUOUS LOADS	0	1.25	0.0
7. MISC. NON-CONTINUOUS LOADS	0	1.00	0.0
8. KITCHEN EQUIPMENT (6 PIECES)	0	0.65	0.0
9. HOTEL ROOM LOADS	0	NEC 220.42	0.0
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	0		0.0

0.0 LESS SMALLEST OF HEATAC
0.0 TOTAL DEMAND LOAD
VOLTAGE 208
PHASE 3
0 AMPS

PANEL 'P1'
120/208 VOLT, 3 PHASE, 4 WIRE
100A MCB

SURFACE MOUNTED, NEMA 3R
REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT
PROVIDE WITH GROUND BAR

CKT	DESCRIPTION	BREAKER			LOAD	CKT	DESCRIPTION	BREAKER			LOAD	
		TRIP	POLE	VOLT				TRIP	POLE	VOLT		KVA
1	BUILDING EXTERIOR LIGHTING	20	1	120	1.4	1	2	SPARE	20	1	120	
3	BUILDING EXTERIOR LIGHTING	20	1	120	1.4	1	4	SPRINKLER MONITOR PANEL	20	1	120	0.2 7
5	SITE LIGHTING	20	1	120	0.6	1	6	TELEPHONE CABINET RECEPTACLE	20	1	120	0.2 5
7	SPARE	20	1	120		8	SPARE	20	1	120		
9	SKN	20	1	120	1.2	1	10	SPARE	20	2	208	
11	LIGHTING CONTROL	20	1	120	0.5	7	12	-----				
13	SPARE	20	1	120		14	SPARE	20	1	120		
15	SPARE	20	1	120		16	SPARE	20	1	120		
17	SPARE	20	1	120		18	SPARE	20	1	120		
19	SPACE	1				20	SPACE	1				
21	SPACE	1				22	SPACE	1				
23	SPACE	1				24	SPACE	1				
25	SPACE	1				26	SPACE	1				
27	SPACE	1				28	SPACE	1				
29	SPACE	1				30	SPACE	1				

LOAD CODES	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD
1. LIGHTING	5	1.25	0.0
2. HEAT	0	1.00	0.0
3. AIR CONDITIONING	0	1.00	0.0
4. MOTORS	0	25% OF LARGEST MOTO	0.0
5. RECEPTACLES	0	NEC 220.44	0.2
6. MISC. CONTINUOUS LOADS	0	1.25	0.0
7. MISC. NON-CONTINUOUS LOADS	0	1.00	0.7
8. KITCHEN EQUIPMENT (6 PIECES)	0	0.65	0.0
9. HOTEL ROOM LOADS	0	NEC 220.42	0.0
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	6		0.0

0.0 LESS SMALLEST OF HEATAC
6.7 TOTAL DEMAND LOAD
VOLTAGE 208
PHASE 3
19 AMPS

PANEL 'P1'
120/208 VOLT, 3 PHASE, 4 WIRE
600A MLO

SURFACE MOUNTED, NEMA 1
REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT
PROVIDE WITH GROUND BAR

CKT	DESCRIPTION	BREAKER			LOAD	CKT	DESCRIPTION	BREAKER			LOAD
		TRIP	POLE	VOLT				TRIP	POLE	VOLT	
1	SPARE	200	3	208		2	SPARE	200	3	208	
3	-----					4	-----				
5	-----					6	-----				
7	SPARE	200	3	208		8	SPACE	3			
9	-----					10	-----				
11	-----					12	-----				
13	SPARE	20	1	120		14	SPARE	20	1	120	
15	SPARE	20	1	120		16	SPARE	20	1	120	
17	SPARE	20	1	120		18	SPARE	20	1	120	
19	SPARE	20	1	120		20	SPARE	20	1	120	
21	SPARE	20	1	120		22	SPARE	20	1	120	
23	SPARE	20	1	120		24	SPARE	20	1	120	
25	SPARE	20	1	120		26	RTU-9A	60	3	208	13.5 2
27	SPARE	20	1	120		28	-----				13.2 3
29	ROOF TOP RECEPTACLE	20	1	120	0.2	5	30	-----			3.1 4
31	SPARE	20	3	208		32	RTU-9B	60	3	208	13.5 2
33	-----					34	-----				13.2 3
35	-----					36	-----				3.1 4
37	SPARE	20	3	208		38	RTU-9C	60	3	208	13.5 2
39	-----					40	-----				13.2 3
41	-----					42	-----				3.1 4

LOAD CODES	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD
1. LIGHTING	0	1.25	0.0
2. HEAT	41	1.00	40.5
3. AIR CONDITIONING	40	1.00	39.6
4. MOTORS	9	25% OF LARGEST MOTO	9.5
5. RECEPTACLES	0	NEC 220.44	0.2
6. MISC. CONTINUOUS LOADS	0	1.25	0.0
7. MISC. NON-CONTINUOUS LOADS	0	1.00	0.0
8. KITCHEN EQUIPMENT (6 PIECES)	0	0.65	0.0
9. HOTEL ROOM LOADS	0	NEC 220.42	0.0
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	89		90.3

90.3 LESS SMALLEST OF HEATAC
39.6 TOTAL DEMAND LOAD
VOLTAGE 208
PHASE 3
141 AMPS

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A NEW DEVELOPMENT FOR:

WEST PALM BEACH
RETAIL BUILDING
1560 PALM BEACH LAKES BLVD
WEST PALM BEACH, FL 33401

THIS DRAWING HAS BEEN ISSUED.
 FOR REVIEW ONLY
 FOR PERMITTING ONLY
 SCHEMATIC DESIGN
 DESIGN DEVELOPMENT
 CONSTRUCTION DOCUMENTS

Drawing Title:
PANEL SCHEDULES

Date: 05/24/17

Designed By: DS
Drawn By: SW
Reviewed By: DS

Comm. No. 170217

Revisions: