

Order Plans

PANEL 'A1'				SURFACE MOUNTED, NEMA 1			
120/208 VOLT, 3 PHASE, 4 WIRE				REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT			
225 A MLO (VIA 200A FUSE)				PROVIDE WITH GROUND BAR			
CKT	DESCRIPTION	BREAKER	LOAD	CKT	DESCRIPTION	BREAKER	LOAD
		TRIP POLE	VOLTS			TRIP POLE	VOLTS
			KVA				KVA
			CODE				CODE
1	RECEPTACLES	20	1 120 0.9 5	2	NIGHT LIGHTING (1)	20	1 120 0.3 1
3	RECEPTACLES	20	1 120 0.9 5	4	LIGHTING	20	1 120 1.0 1
5	TELEPHONE RECEPTACLE	20	1 120 1.0 7	6	SPARE	20	1 120
7	RTU-1	80	3 208 5.7 3	8	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5
9	-----	1.3 4	10	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5	
11	-----	12	12	SIGN	20	1 120 1.2 1	
13	RTU RECEPTACLE	20	1 120 0.2 5	14	SPARE	20	1 120
15	RECEPTACLES	20	1 120 0.2 5	16	SPARE	20	1 120
17	EMW	20	2 208 3.5 7	18	SPACE	20	1 120
19	SPACE	1	20	SPACE	1	20	
21	SPACE	1	22	SPACE	1	22	
23	SPACE	1	24	SPACE	1	24	
25	SPACE	1	26	SPACE	1	26	
27	SPACE	1	28	SPACE	1	28	
29	SPACE	1	30	SPACE	1	30	
31	SPACE	1	32	SPACE	1	32	
33	SPACE	1	34	SPACE	1	34	
35	SPACE	1	36	SPACE	1	36	
37	SPACE	1	38	SPACE	1	38	
39	SPACE	1	40	SPACE	1	40	
41	SPACE	1	42	SPACE	1	42	

LOAD CODES	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD (KVA)
1. LIGHTING	1.26	3.1	3.1
2. HEAT	0.00	0.0	0.0
3. AIR CONDITIONING	6.00	5.7	5.7
4. MOTORS	1.25	1.6	1.6
5. RECEPTACLES	3.00	2.5	2.5
6. MISC. CONTINUOUS LOADS	0.00	0.0	0.0
7. MISC. NON-CONTINUOUS LOADS	5.00	4.5	4.5
8. KITCHEN EQUIPMENT (6 PIECES)	0.00	0.0	0.0
9. HOTEL ROOM LOADS	0.00	0.0	0.0
16	17.4	17.4	17.4
	0.0	0.0	0.0
	17.4	17.4	17.4

NOTES:
(1) PROVIDE LOCK-ON DEVICE.

GENERAL NOTES:
(1) PROVIDE A BREAKER TIE FOR ALL BRANCH CIRCUITS THAT ARE PART OF A MULTIWIRE BRANCH CIRCUIT HOMERUN.

VOLTAGE 208
PHASE 3
48 AMPS

PANEL 'A4'				SURFACE MOUNTED, NEMA 1			
120/208 VOLT, 3 PHASE, 4 WIRE				REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT			
225 A MLO (VIA 200A FUSE)				PROVIDE WITH GROUND BAR			
CKT	DESCRIPTION	BREAKER	LOAD	CKT	DESCRIPTION	BREAKER	LOAD
		TRIP POLE	VOLTS			TRIP POLE	VOLTS
			KVA				KVA
			CODE				CODE
1	RECEPTACLES	20	1 120 0.9 5	2	NIGHT LIGHTING (1)	20	1 120 0.3 1
3	RECEPTACLES	20	1 120 0.9 5	4	LIGHTING	20	1 120 1.0 1
5	TELEPHONE RECEPTACLE	20	1 120 1.0 7	6	SPARE	20	1 120
7	RTU-4	80	3 208 5.7 3	8	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5
9	-----	1.3 4	10	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5	
11	-----	12	12	SIGN	20	1 120 1.2 1	
13	RTU RECEPTACLE	20	1 120 0.2 5	14	SPARE	20	1 120
15	RECEPTACLES	20	1 120 0.2 5	16	SPARE	20	1 120
17	EMW	20	2 208 3.5 7	18	SPACE	20	1 120
19	SPACE	1	20	SPACE	1	20	
21	SPACE	1	22	SPACE	1	22	
23	SPACE	1	24	SPACE	1	24	
25	SPACE	1	26	SPACE	1	26	
27	SPACE	1	28	SPACE	1	28	
29	SPACE	1	30	SPACE	1	30	
31	SPACE	1	32	SPACE	1	32	
33	SPACE	1	34	SPACE	1	34	
35	SPACE	1	36	SPACE	1	36	
37	SPACE	1	38	SPACE	1	38	
39	SPACE	1	40	SPACE	1	40	
41	SPACE	1	42	SPACE	1	42	

LOAD CODES	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD (KVA)
1. LIGHTING	1.26	3.1	3.1
2. HEAT	0.00	0.0	0.0
3. AIR CONDITIONING	6.00	5.7	5.7
4. MOTORS	1.25	1.6	1.6
5. RECEPTACLES	3.00	2.5	2.5
6. MISC. CONTINUOUS LOADS	0.00	0.0	0.0
7. MISC. NON-CONTINUOUS LOADS	5.00	4.5	4.5
8. KITCHEN EQUIPMENT (6 PIECES)	0.00	0.0	0.0
9. HOTEL ROOM LOADS	0.00	0.0	0.0
16	17.4	17.4	17.4
	0.0	0.0	0.0
	17.4	17.4	17.4

NOTES:
(1) PROVIDE LOCK-ON DEVICE.

GENERAL NOTES:
(1) PROVIDE A BREAKER TIE FOR ALL BRANCH CIRCUITS THAT ARE PART OF A MULTIWIRE BRANCH CIRCUIT HOMERUN.

VOLTAGE 208
PHASE 3
48 AMPS

PANEL 'A7'				SURFACE MOUNTED, NEMA 1			
120/208 VOLT, 3 PHASE, 4 WIRE				REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT			
225 A MLO (VIA 200A FUSE)				PROVIDE WITH GROUND BAR			
CKT	DESCRIPTION	BREAKER	LOAD	CKT	DESCRIPTION	BREAKER	LOAD
		TRIP POLE	VOLTS			TRIP POLE	VOLTS
			KVA				KVA
			CODE				CODE
1	RECEPTACLES	20	1 120 0.9 5	2	NIGHT LIGHTING (1)	20	1 120 0.3 1
3	RECEPTACLES	20	1 120 0.9 5	4	LIGHTING	20	1 120 1.0 1
5	TELEPHONE RECEPTACLE	20	1 120 1.0 7	6	SPARE	20	1 120
7	RTU-5	80	3 208 5.7 3	8	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5
9	-----	1.3 4	10	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5	
11	-----	12	12	SIGN	20	1 120 1.2 1	
13	RECEPTACLES	20	1 120 0.2 5	14	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5
15	RECEPTACLES	20	1 120 0.2 5	16	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5
17	EMW	20	2 208 3.5 7	18	SPACE	20	1 120
19	SPACE	1	20	SPACE	1	20	
21	SPACE	1	22	SPACE	1	22	
23	SPACE	1	24	SPACE	1	24	
25	SPACE	1	26	SPACE	1	26	
27	SPACE	1	28	SPACE	1	28	
29	SPACE	1	30	SPACE	1	30	
31	SPACE	1	32	SPACE	1	32	
33	SPACE	1	34	SPACE	1	34	
35	SPACE	1	36	SPACE	1	36	
37	SPACE	1	38	SPACE	1	38	
39	SPACE	1	40	SPACE	1	40	
41	SPACE	1	42	SPACE	1	42	

LOAD CODES	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD (KVA)
1. LIGHTING	1.26	4.8	4.8
2. HEAT	0.00	0.0	0.0
3. AIR CONDITIONING	6.00	5.7	5.7
4. MOTORS	1.25	1.8	1.8
5. RECEPTACLES	3.00	2.9	2.9
6. MISC. CONTINUOUS LOADS	0.00	0.0	0.0
7. MISC. NON-CONTINUOUS LOADS	5.00	4.5	4.5
8. KITCHEN EQUIPMENT (6 PIECES)	0.00	0.0	0.0
9. HOTEL ROOM LOADS	0.00	0.0	0.0
16	19.2	19.2	19.2
	0.0	0.0	0.0
	19.2	19.2	19.2

NOTES:
(1) PROVIDE LOCK-ON DEVICE.

GENERAL NOTES:
(1) PROVIDE A BREAKER TIE FOR ALL BRANCH CIRCUITS THAT ARE PART OF A MULTIWIRE BRANCH CIRCUIT HOMERUN.

VOLTAGE 208
PHASE 3
53 AMPS

PANEL 'A2'				SURFACE MOUNTED, NEMA 1			
120/208 VOLT, 3 PHASE, 4 WIRE				REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT			
225 A MLO (VIA 200A FUSE)				PROVIDE WITH GROUND BAR			
CKT	DESCRIPTION	BREAKER	LOAD	CKT	DESCRIPTION	BREAKER	LOAD
		TRIP POLE	VOLTS			TRIP POLE	VOLTS
			KVA				KVA
			CODE				CODE
1	RECEPTACLES	20	1 120 0.9 5	2	NIGHT LIGHTING (1)	20	1 120 0.3 1
3	RECEPTACLES	20	1 120 0.9 5	4	LIGHTING	20	1 120 1.0 1
5	TELEPHONE RECEPTACLE	20	1 120 1.0 7	6	SPARE	20	1 120
7	RTU-2	80	3 208 5.7 3	8	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5
9	-----	1.3 4	10	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5	
11	-----	12	12	SIGN	20	1 120 1.2 1	
13	RTU RECEPTACLE	20	1 120 0.2 5	14	SPARE	20	1 120
15	RECEPTACLES	20	1 120 0.2 5	16	SPARE	20	1 120
17	EMW	20	2 208 3.5 7	18	SPACE	20	1 120
19	SPACE	1	20	SPACE	1	20	
21	SPACE	1	22	SPACE	1	22	
23	SPACE	1	24	SPACE	1	24	
25	SPACE	1	26	SPACE	1	26	
27	SPACE	1	28	SPACE	1	28	
29	SPACE	1	30	SPACE	1	30	
31	SPACE	1	32	SPACE	1	32	
33	SPACE	1	34	SPACE	1	34	
35	SPACE	1	36	SPACE	1	36	
37	SPACE	1	38	SPACE	1	38	
39	SPACE	1	40	SPACE	1	40	
41	SPACE	1	42	SPACE	1	42	

LOAD CODES	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD (KVA)
1. LIGHTING	1.26	3.1	3.1
2. HEAT	0.00	0.0	0.0
3. AIR CONDITIONING	6.00	5.7	5.7
4. MOTORS	1.25	1.6	1.6
5. RECEPTACLES	3.00	2.5	2.5
6. MISC. CONTINUOUS LOADS	0.00	0.0	0.0
7. MISC. NON-CONTINUOUS LOADS	5.00	4.5	4.5
8. KITCHEN EQUIPMENT (6 PIECES)	0.00	0.0	0.0
9. HOTEL ROOM LOADS	0.00	0.0	0.0
16	17.4	17.4	17.4
	0.0	0.0	0.0
	17.4	17.4	17.4

NOTES:
(1) PROVIDE LOCK-ON DEVICE.

GENERAL NOTES:
(1) PROVIDE A BREAKER TIE FOR ALL BRANCH CIRCUITS THAT ARE PART OF A MULTIWIRE BRANCH CIRCUIT HOMERUN.

VOLTAGE 208
PHASE 3
48 AMPS

PANEL 'A5'				SURFACE MOUNTED, NEMA 1			
120/208 VOLT, 3 PHASE, 4 WIRE				REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT			
225 A MLO (VIA 200A FUSE)				PROVIDE WITH GROUND BAR			
CKT	DESCRIPTION	BREAKER	LOAD	CKT	DESCRIPTION	BREAKER	LOAD
		TRIP POLE	VOLTS			TRIP POLE	VOLTS
			KVA				KVA
			CODE				CODE
1	RECEPTACLES	20	1 120 0.9 5	2	NIGHT LIGHTING (1)	20	1 120 0.3 1
3	RECEPTACLES	20	1 120 0.9 5	4	LIGHTING	20	1 120 1.0 1
5	TELEPHONE RECEPTACLE	20	1 120 1.0 7	6	SPARE	20	1 120
7	RTU-6	80	3 208 5.7 3	8	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5
9	-----	1.3 4	10	SHOW WINDOW RECEPTACLE	20	1 120 0.2 5	
11	-----	12	12	SIGN	20	1 120 1.2 1	
13	RTU RECEPTACLE	20	1 120 0.2 5	14	SPARE	20	1 120
15	RECEPTACLES	20	1 120 0.2 5	16	SPARE	20	1 120
17	EMW	20	2 208 3.5 7	18	SPACE	20	1 120
19	SPACE	1	20	SPACE	1	20	
21	SPACE	1	22	SPACE	1	22	
23	SPACE	1	24	SPACE	1	24	
25	SPACE	1	26	SPACE	1	26	
27	SPACE	1	28	SPACE	1	28	
29	SPACE	1	30	SPACE	1	30	
31	SPACE	1	32	SPACE	1	32	
33	SPACE	1	34	SPACE	1	34	
35	SPACE	1	36	SPACE	1	36	
37	SPACE	1	38	SPACE	1	38	
39	SPACE	1	40	SPACE	1	40	
41	SPACE	1	42	SPACE	1	42	

LOAD CODES	CONNECTED LOAD (KVA)	DEMAND FACTOR	DEMAND LOAD (KVA)
1. LIGHTING	1.26	3.1	3.1
2. HEAT	0.00	0.0	0.0
3. AIR CONDITIONING	6.00	5.7	5.7
4. MOTORS	1.25	1.6	1.6
5. RECEPTACLES	3.00	2.5	2.5
6. MISC. CONTINUOUS LOADS	0.00	0.0	0.0
7. MISC. NON-CONTINUOUS LOADS	5.00	4.5	4.5
8. KITCHEN EQUIPMENT (6 PIECES)	0.00	0.0	0.0
9. HOTEL ROOM LOADS	0.00	0.0	0.0
16	17.4	17.4	17.4
	0.0	0.0	0.0
	17.4	17.4	17.4

NOTES:
(1) PROVIDE LOCK-ON DEVICE.

GENERAL NOTES:
(1) PROVIDE A BREAKER TIE FOR ALL BRANCH CIRCUITS THAT ARE PART OF A MULTIWIRE BRANCH CIRCUIT HOMERUN.

VOLTAGE 208
PHASE 3
48 AMPS

PANEL 'H'				SURFACE MOUNTED, NEMA 3R			
120/208 VOLT, 3 PHASE, 4 WIRE				REFER TO FAULT CURRENT STUDY (BUS AFC) FOR MIN. AIC REQUIREMENT			
200A MCB				PROVIDE WITH GROUND BAR			
CKT	DESCRIPTION	BREAKER	LOAD	CKT	DESCRIPTION	BREAKER	LOAD
		TRIP POLE	VOLTS			TRIP POLE	VOLTS
			KVA				KVA
			CODE				CODE
1	FACP (1)	20	1 120 0.7 1	2	SPARE	30	2 208
3	CONTRACTORS/TOPC	20	1 120 0.7 1	4	SPARE	30	2 208
5	EXTERIOR LIGHTING	20	1 120 0.2 1	6	SPARE	30	3 208
7	EXTERIOR LIGHTING	20	1 120 0.3 1	8	SPARE	30	3 208
9	SPARE	20	1 120	10	SPARE	30	3 208
11	IRRIGATION CONTROLLER (2)	20	1 120 0.5 7	12	SPARE	30	3 208
13	REGULATOR	20	1 120 0.2 7	14	SPARE	30	3 208
15	DM-1	30	2 208 2.9 7	16	SPARE	30	3 208
17	DM-1	30	2 208 2.9 7	18	SPACE	30	3 208
19	SPACE	20	1 120	20			