

THREE PHASE PANEL SCHEDULE

PANEL NAME: RP2-1
 MAIN BKR: 150A
 BUS SIZE: 200A
 VOLTS: 208/120V
 PHASE: 3
 T.C.L. = 20500 VA
 MOUNTING: SURFACE

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	POLE AMP	WIRE	LOAD	DIRECTORY
A	RECEPTACLE	1260	12	20	1	20	12	1440	RECEPTACLE A
B	RECEPTACLE	1080	12	20	1	20	12	1080	RECEPTACLE B
C	RECEPTACLE	1080	12	20	1	20	12	1440	RECEPTACLE C
A	RECEPTACLE	1440	12	20	1	20	12	1440	RECEPTACLE A
B	RECEPTACLE	1440	12	20	1	20	12	1440	RECEPTACLE B
C	RECEPTACLE	1440	12	20	1	20	12	1440	JUNCTION BOX C
A	JUNCTION BOX	800	12	20	1	20	12	800	JUNCTION BOX A
B	JUNCTION BOX	800	12	20	1	20	12	-	SPARE B
C	JUNCTION BOX	800	12	20	1	20	12	150	JUNCTION BOX C
A	JUNCTION BOX	800	12	20	1	20	12	-	SPARE A
B									
C									
A									
B									
C									
A									
B									
C									
A									
B									
C									

NOTES: 1. ALL CONDUCTORS SHALL BE IN 3/4" CONDUIT.
 2. PROVIDE ADDITIONAL ISOLATED GROUND BUS.

THREE PHASE PANEL SCHEDULE

PANEL NAME: RP2-2
 MAIN BKR: 150A
 BUS SIZE: 200A
 VOLTS: 208/120V
 PHASE: 3
 T.C.L. = 9700 VA
 MOUNTING: SURFACE

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	POLE AMP	WIRE	LOAD	DIRECTORY
A	RECEPTACLE	1080	12	20	1	20	12	1080	RECEPTACLE A
B	RECEPTACLE	1080	12	20	1	20	12	1440	RECEPTACLE B
C	RECEPTACLE	1260	12	20	1	20	12	900	RECEPTACLE C
A	RECEPTACLE	1080	12	20	1	20	12	-	SPARE A
B	JUNCTION BOX	800	12	20	1	20	12	800	JUNCTION BOX B
C	SPARE	-	12	20	1	20	12	-	SPARE C
A									
B									
C									
A									
B									
C									
A									
B									
C									
A									
B									
C									

NOTES: 1. ALL CONDUCTORS SHALL BE IN 3/4" CONDUIT.
 2. PROVIDE ADDITIONAL ISOLATED GROUND BUS.

THREE PHASE PANEL SCHEDULE

PANEL NAME: ERP1-2
 MAIN BKR: 150A
 BUS SIZE: 200A
 VOLTS: 208/120V
 PHASE: 3
 T.C.L. = 11000 VA
 MOUNTING: SURFACE

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	POLE AMP	WIRE	LOAD	DIRECTORY
A	RECEPTACLES	1080	12	20	1	20	12	1080	RECEPTACLES A
B	RECEPTACLES	1080	12	20	1	20	12	1260	RECEPTACLES B
C	RECEPTACLES	900	12	20	1	20	12	1800	RECEPTACLES C
A	RECEPTACLES	720	12	20	1	20	12	720	RECEPTACLES A
B	J-BOX (MOT. DAM.)	500	12	20	1	20	12	-	SPARE B
C	EF-14	1600	12	20	1	20	12	-	SPARE C
A									
B									
C									
A									
B									
C									
A									
B									
C									
A									
B									
C									
A									
B									
C									

NOTES: 1. ALL CONDUCTORS SHALL BE IN 3/4" CONDUIT.

THREE PHASE PANEL SCHEDULE

PANEL NAME: ELP1-2
 MAIN BKR: 150A
 BUS SIZE: 200A
 VOLTS: 480/277V
 PHASE: 3
 T.C.L. = 44000

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	POLE AMP	WIRE	LOAD	DIRECTORY
A	SPARE	-	12	20	1	20	1	1	2
B	HP1-22	5600	10	30	1	30	10	8800	HP1-25
C	SPARE	-	12	20	1	20	1	5	6
A	HP1-23	3800	10	20	1	20	10	1500	UH-1
B	HP1-24	5600	10	30	1	30	10	1500	UH-1
C									
A	UH-2	1500	10	30	3	30	12	2100	LIGHTS A
B									
C									
A									
B									
C									
A									
B									
C									
A									
B									
C									
A									
B									
C									

NOTES: 1. ALL CONDUCTORS SHALL BE IN 3/4" CONDUIT.
 2. ALL 15A AND 20A SINGLE PHASE CIRCUIT BREAKERS SHALL BE SWITCHING DUTY RATED.

THREE PHASE PANEL SCHEDULE

PANEL NAME: ELP1-1
 MAIN BKR: 150A
 BUS SIZE: 200A
 VOLTS: 480/277V
 PHASE: 3
 T.C.L. = 31000 VA
 MOUNTING: SURFACE

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	POLE AMP	WIRE	LOAD	DIRECTORY
A	HP1-19	5600	10	30	1	30	10	8800	HP1-20
B	HP1-21	3800	10	20	1	20	10	8800	HP1-20
C	LIGHTS	2200	12	20	1	20	12	2000	LIGHTS A
A	LIGHTS	3300	12	20	1	20	12	2700	LIGHTS B
B	LIGHTS	2400	12	20	1	20	12	-	SPARE C
C	EM. LIGHTS	500	12	20	1	20	12	-	SPARE A
A									
B									
C									
A									
B									
C									
A									
B									
C									
A									
B									
C									

NOTES: 1. ALL CONDUCTORS SHALL BE IN 3/4" CONDUIT.
 2. ALL 15A AND 20A SINGLE PHASE CIRCUIT BREAKERS SHALL BE SWITCHING DUTY RATED.

THREE PHASE PANEL SCHEDULE

PANEL NAME: ERP1-1
 MAIN BKR: 150A
 BUS SIZE: 200A
 VOLTS: 208/120V
 PHASE: 3
 T.C.L. = 20000 VA
 MOUNTING: SURFACE

Ø	DIRECTORY	LOAD	WIRE	AMP	POLE	POLE AMP	WIRE	LOAD	DIRECTORY
A	RECEPTACLES	1080	12	20	1	20	12	1080	RECEPTACLES A
B	RECEPTACLES	1080	12	20	1	20	12	1080	RECEPTACLES B
C	RECEPTACLES	1260	12	20	1	20	12	1260	RECEPTACLES C
A	RECEPTACLES	1440	12	20	1	20	12	1080	RECEPTACLES A
B	RECEPTACLES	1440	12	20	1	20	12	1080	JUNCTION BOX B
C	RECEPTACLES	1080	12	20	1	20	12	1080	JUNCTION BOX C
A	RECEPTACLES	1080	12	20	1	20	12	1260	RECEPTACLES A
B	RECEPTACLES	1080	12	20	1	20	12	1080	RECEPTACLES B
C	EF-10	400	12	20	1	20	12	1000	J-BOX (W.C.) C
A									
B									
C									
A									
B									
C									
A									
B									
C									
A									
B									
C									

NOTES: EXISTING PANEL 225A 3PH 208/120V SPACE FOR 38 CIRCUIT BREAKERS INSTALL 20A CIRCUIT BREAKERS. ALL CIRCUIT BREAKER TO BE RATED 10 KA MAXIMUM.