

E103 - (Continued) Panel Schedules - E103 - (See Panel Schedules E101 & E102)

PANEL SCHEDULE													
PANEL: PP1		ELECTRICAL ROOM		AC = 42,000		VOLTAGE: 208/120V, 200A, 3Ø, 4W N/M/L0		IV EQUIPMENT GND BAR, SQUARE D, QED-2 SWITCHBOARD WITH MAIN BREAKER AND I-LINE PANEL					
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	LOAD			BREAKER	LOAD (VA)	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	
					POLE	AMP	LOCATION						
1	#12	PANEL 'PP2'	200	11240				10980			#12	2	
3	#12	PANEL 'PP3'	200	11460				10710			#12	4	
5	#12	PANEL 'PP4'	200	10340				10880			#12	6	
7	#12	PANEL 'PP5'	200	7180				12000			#12	8	
9	#12	PANEL 'PP6'	200	1480				12000			#12	10	
11	#12	MINI SPLIT 1	30	6430				12000			#10	12	
13	#12	50 GALLON WATER HEATER MALE LOCKER ROOM	30	30410				1200			#10	14	
15	#12	50 GALLON WATER HEATER MALE LOCKER ROOM	30	21570				1200			#10	16	
17	#12	50 GALLON WATER HEATER MALE LOCKER ROOM	30	28640				2400			#10	18	
19	#12	50 GALLON WATER HEATER MALE LOCKER ROOM	30					2400			#10	20	
21	#12	50 GALLON WATER HEATER MALE LOCKER ROOM	30					2400			#10	22	
23	#12	50 GALLON WATER HEATER MALE LOCKER ROOM	30					2400			#10	24	
25	#12	CONDENSER UNIT CU-1	100	5000				4040			#12	26	
27	#12	CONDENSER UNIT CU-1	100	5000				4040			#12	28	
29	#12	CONDENSER UNIT CU-1	100	5000				4040			#12	30	
31	#12	CONDENSER UNIT CU-2	50	2500				3000			#12	32	
33	#12	CONDENSER UNIT CU-2	50	2500				3000			#12	34	
35	#12	CONDENSER UNIT CU-2	50	2500				3000			#12	36	
37	#12	CONDENSER UNIT CU-4	50	1400				850			#12	38	
39	#12	CONDENSER UNIT CU-4	50	1400				850			#12	40	
41	#12	CONDENSER UNIT CU-4	50	1400				850			#12	42	
SOLID NEUTRAL NEUTRAL WIRE (N)				TOTAL CONNECTED LOAD (VA) = 215,930				GROUND BUS GROUND WIRE (G)					
				AD = 92,220	BD = 90,570		CD = 90,580						

PANEL SCHEDULE													
PANEL: PP2		ELECTRICAL ROOM		AC = 42,000		VOLTAGE: 208/120V, 200A, 3Ø, 4W N/M/L0		SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER					
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	LOAD			BREAKER	LOAD (VA)	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	
					POLE	AMP	LOCATION						
1	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	2	
3	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	4	
5	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	6	
7	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	8	
9	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	10	
11	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	12	
13	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	14	
15	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	16	
17	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	18	
19	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	20	
21	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	22	
23	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	24	
25	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	26	
27	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	28	
29	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	30	
31	#12	RECEPTACLES, SPA ROOM 1 AND CORRIDOR	20	1080				1080	1	20	#12	32	
33	#12	RECEPTACLES, SPA ROOM 2 SPA ROOM 3 AND CORRIDOR	20	1440				1440	1	20	#12	34	
35	#12	DEDICATED RECEPTACLE OFFICE	20	180				180	1	20	#12	36	
37	#12	DEDICATED RECEPTACLE RECEPTION COUNTER	20	180				180	1	20	#12	38	
39	#12	DEDICATED RECEPTACLE RECEPTION COUNTER	20	180				180	1	20	#12	40	
41	#12	RECEPTACLES, OFFICE	20	840				180	1	20	#12	42	
SOLID NEUTRAL NEUTRAL WIRE (N)				TOTAL CONNECTED LOAD (VA) = 93,540				GROUND BUS GROUND WIRE (G)					
				AD = 11,240	BD = 11,160		CD = 10,340						

PANEL SCHEDULE													
PANEL: PP3		ELECTRICAL ROOM		AC = 42,000		VOLTAGE: 208/120V, 200A, 3Ø, 4W N/M/L0		SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER					
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	LOAD			BREAKER	LOAD (VA)	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	
					POLE	AMP	LOCATION						
1	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	2	
3	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	4	
5	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	6	
7	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	8	
9	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	10	
11	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	12	
13	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	14	
15	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	16	
17	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	18	
19	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	20	
21	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	22	
23	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	24	
25	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	26	
27	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	28	
29	#12	RECEPTACLE, GYM FLOOR, RIGHT SIDE	20	800				800	1	20	#12	30	
31	#12	DEDICATED RECEPTACLE PHYSICAL THERAPY	20	1260				180	1	20	#12	32	
33	#12	DEDICATED RECEPTACLE PHYSICAL THERAPY	20	1440				180	1	20	#12	34	
35	#12	DEDICATED RECEPTACLE PHYSICAL THERAPY	20	1260				180	1	20	#12	36	
37	#12	DEDICATED RECEPTACLE PHYSICAL THERAPY	20	900				180	1	20	#12	38	
39	#12	DEDICATED RECEPTACLE PHYSICAL THERAPY	20	900				180	1	20	#12	40	
41	#12	RECEPTACLES, RECEPTION	20	840				840	1	20	#12	42	
SOLID NEUTRAL NEUTRAL WIRE (N)				TOTAL CONNECTED LOAD (VA) = 32,100				GROUND BUS GROUND WIRE (G)					
				AD = 10,930	BD = 10,100		CD = 10,880						

PANEL SCHEDULE													
PANEL: PP4		ELECTRICAL ROOM		AC = 42,000		VOLTAGE: 208/120V, 200A, 3Ø, 4W N/M/L0		SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER					
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	LOAD			BREAKER	LOAD (VA)	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	
					POLE	AMP	LOCATION						
1	#12	LIGHTING, REAR OF BUILDING	20	900				400	1	20	#12	2	
3	#12	LIGHTING, EQUIPMENT ROOM AND RESTROOMS	20	900				1650	1	20	#12	4	
5	#12	LIGHTING, POOL AREA	20	900				1650	1	20	#12	6	
7	#12	LIGHTING, PORTE COCHERE	20	1700				1650	1	20	#12	8	
9	#10	LIGHTING, PHYSICAL THERAPY	20	700				1000	1	20	#12	10	
11	#12	LIGHTING, PHYSICAL THERAPY RECEPTION AND TREATMENT	20	700				800	1	20	#12	12	
13	#12	LIGHTING, SPA WAITING ROOM, SPA ROOM 3 AND CORRIDOR	20	1500				1000	1	20	#12	14	
15	#12	LIGHTING, SPA ROOM 1, SPA ROOM 2 AND CORRIDOR	20	1500				1000	1	20	#12	16	
17	#12	RECEPTACLE, CORRIDOR	20	1500				180	1	20	#12	18	
19	#12	SPARE	20					1	20			20	
21	#10	ON DEMAND WATER HEATER	30	1500				1500	2	30	#10	22	
23	#12	SPARE	20					1	20			24	
25	#12	SPARE	20					1	20			26	
27	#12	SPARE	20					1	20			28	
29	#12	SPARE	20					1	20			30	
31	#10	ON DEMAND WATER HEATER	30	1500				1500	2	30	#10	32	
33	#12	SPARE	20					1500				34	
35	#12	SPARE	20					1500				36	
37	#12	SPARE	20					1500				38	
39	#12	SPARE	20					1500				40	
41	#12	SPARE	20					1500				42	
SOLID NEUTRAL NEUTRAL WIRE (N)				TOTAL CONNECTED LOAD (VA) = 24,030				GROUND BUS GROUND WIRE (G)					
				AD = 1,150	BD = 8,180		CD = 1,700						

PANEL SCHEDULE													
PANEL: PP5		ELECTRICAL ROOM		AC = 42,000		VOLTAGE: 208/120V, 200A, 3Ø, 4W N/M/L0		SURFACE MOUNTED IV EQUIPMENT GND BAR SQ D TYPE GO LOAD CENTER					
CKT NO	THHN WIRE SIZE	LOAD DESCRIPTION	BREAKER	LOAD (VA)	LOAD			BREAKER	LOAD (VA)	LOAD DESCRIPTION	THHN WIRE SIZE	CKT NO	
					POLE	AMP	LOCATION						
1	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	2	
3	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	4	
5	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	6	
7	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	8	
9	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	10	
11	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	12	
13	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12	14	
15	#12	RECEPTACLE, GYM FLOOR, LEFT SIDE	20	800				800	1	20	#12		