

PHYSICAL THERAPY

PANEL: PNL-1
LOCATION: ROOM #119
FEDER SOURCE: CLCCO

VOLTAGE: 120/208V, 200A, 3Ø, 4W
ENCLOSURE: RECESSED W/ EQUIPMENT GND BAR
22000 AIC
W/ MAIN BREAKER

CCT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	LOAD (VA)	POLE	AMP	LOAD DESCRIPTION	THIN WIRE SIZE	CCT. NO.	
1	10	AC #1 COMPRESSOR UNIT	60	2	2104	2104	2	2104	AC #2 COMPRESSOR UNIT	2	2	
3	5	5 TON	2104	2	1600	1600	2	1600	15 W ELECTRIC HEAT	4	4	
5	5	WATER HEATER	30	2	1600	1600	2	1600	3000	6	6	
7	20 OAL	20 OAL	20	1	1600	1600	1	1600	PRER OUTLET	8	8	
9	20 OAL	TOILET ROOM OUTLET	20	1	1600	1600	1	1600	PRER OUTLET	10	10	
11	OUTLETS	OUTLETS	20	1	1600	1600	1	1600	OUTLETS	12	12	
13	OUTLETS	OUTLETS	20	1	1600	1600	1	1600	OUTLETS	14	14	
15	3Ø	3Ø	20	1	1600	1600	1	1600	3Ø	16	16	
17	3Ø	3Ø	20	1	1600	1600	1	1600	3Ø	18	18	
19	3Ø	3Ø	20	1	1600	1600	1	1600	3Ø	20	20	
21	3Ø	3Ø	20	1	1600	1600	1	1600	3Ø	22	22	
23	3Ø	3Ø	20	1	1600	1600	1	1600	3Ø	24	24	
25	3Ø	3Ø	20	1	1600	1600	1	1600	3Ø	26	26	
27	3Ø	3Ø	20	1	1600	1600	1	1600	3Ø	28	28	
29	3Ø	3Ø	20	1	1600	1600	1	1600	3Ø	30	30	
					TOTAL CONNECTED LOAD (VA)				TOTAL CONNECTED LOAD (VA)			
					467 = 13829		180 = 13829		C2P = 10005			
					SOLID NEUTRAL		SOLID NEUTRAL		GROUND BUS		GROUND WIRE (Ø)	

ATHLETIC CLUB

PANEL: PNL-2
LOCATION: ROOM #114
FEDER SOURCE: CLCCO

VOLTAGE: 120/208V, 400A, 3Ø, 4W
ENCLOSURE: RECESSED W/ EQUIPMENT GND BAR
22000 AIC
W/ MAIN BREAKER

CCT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	LOAD (VA)	POLE	AMP	LOAD DESCRIPTION	THIN WIRE SIZE	CCT. NO.	
1	1	AC #2 COMPRESSOR UNIT	35	3	1790	4090	3	4090	AC #1 COMPRESSOR UNIT	2	2	
3	5	6 TON	1790	3	1790	4090	3	4090	15 W ELECTRIC HEAT	4	4	
5	5	AC #2 COMPRESSOR UNIT	35	3	1790	4090	3	4090	AC #1 COMPRESSOR UNIT	6	6	
7	20 OAL	AC #2 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #1 COMPRESSOR UNIT	8	8	
9	20 OAL	AC #2 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #1 COMPRESSOR UNIT	10	10	
11	OUTLETS	OUTLETS	4400	3	4400	7210	3	7210	OUTLETS	12	12	
13	OUTLETS	OUTLETS	4400	3	4400	7210	3	7210	OUTLETS	14	14	
15	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	16	16	
17	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	18	18	
19	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	20	20	
21	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	22	22	
23	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	24	24	
25	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	26	26	
27	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	28	28	
29	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	30	30	
31	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	32	32	
33	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	34	34	
35	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	36	36	
37	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	38	38	
39	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	40	40	
41	12.5 TON	AC #4 COMPRESSOR UNIT	60	3	4400	7210	3	7210	AC #3 COMPRESSOR UNIT	42	42	
					TOTAL CONNECTED LOAD (VA)				TOTAL CONNECTED LOAD (VA)			
					467 = 70540		180 = 71650		C2P = 71650			
					SOLID NEUTRAL		SOLID NEUTRAL		GROUND BUS		GROUND WIRE (Ø)	

SMOOTHIE STORE

PANEL: PNL-3
LOCATION: ROOM #114
FEDER SOURCE: PNL-2

VOLTAGE: 120/208V, 200A, 3Ø, 4W
ENCLOSURE: RECESSED W/ EQUIPMENT GND BAR
22000 AIC
W/ MAIN BREAKER AND GROUND HANDIE

CCT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	LOAD (VA)	POLE	AMP	LOAD DESCRIPTION	THIN WIRE SIZE	CCT. NO.	
1	1	AC #6 COMPRESSOR UNIT	60	3	2430	6232	3	6232	AC #5 7.5 TON	2	2	
3	5	7.5 TON	2430	3	2430	6232	3	6232	20 W ELECTRIC HEAT	4	4	
5	5	AC #6 COMPRESSOR UNIT	60	3	2430	6232	3	6232	AC #5 7.5 TON	6	6	
7	20 OAL	50 OAL WATER HEATER	40	2	3000	1000	2	1000	TOILET ROOM OUTLET	8	8	
9	20 OAL	KITCHEN OUTLETS	20	1	1600	1600	1	1600	TOILET ROOM OUTLET	10	10	
11	OUTLETS	KITCHEN OUTLETS	20	1	1600	1600	1	1600	KITCHEN OUTLETS	12	12	
13	OUTLETS	OUTLETS	20	1	1600	1600	1	1600	BANKER OUTLET	14	14	
15	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	BANKER OUTLET	16	16	
17	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	18	18	
19	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	20	20	
21	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	22	22	
23	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	24	24	
25	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	26	26	
27	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	28	28	
29	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	30	30	
31	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	32	32	
33	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	34	34	
35	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	36	36	
37	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	38	38	
39	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	40	40	
41	OUTLETS	BANKER OUTLET	20	1	1600	1600	1	1600	OUTLETS	42	42	
					TOTAL CONNECTED LOAD (VA)				TOTAL CONNECTED LOAD (VA)			
					467 = 27052		180 = 24632		C2P = 24792			
					SOLID NEUTRAL		SOLID NEUTRAL		GROUND BUS		GROUND WIRE (Ø)	

PANEL: PNL-3
LOCATION: ROOM #114
FEDER SOURCE: PNL-2

VOLTAGE: 120/208V, 200A, 3Ø, 4W
ENCLOSURE: RECESSED W/ EQUIPMENT GND BAR
22000 AIC
W/ MAIN BREAKER

CCT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	LOAD (VA)	POLE	AMP	LOAD DESCRIPTION	THIN WIRE SIZE	CCT. NO.	
1	1	TRASHKILL	20	1	1600	1600	1	1600	TRASHKILL	2	2	
3	1	TRASHKILL	20	1	1600	1600	1	1600	TRASHKILL	4	4	
5	1	TRASHKILL	20	1	1600	1600	1	1600	TRASHKILL	6	6	
7	1	TRASHKILL	20	1	1600	1600	1	1600	TRASHKILL	8	8	
9	1	TRASHKILL	20	1	1600	1600	1	1600	TRASHKILL	10	10	
11	1	ELIPTICAL	15	1	1350	1350	1	1350	ELIPTICAL	12	12	
13	1	ELIPTICAL	15	1	1350	1350	1	1350	ELIPTICAL	14	14	
15	1	ELIPTICAL	15	1	1350	1350	1	1350	ELIPTICAL	16	16	
17	1	5HP MACHINE	20	1	1600	1600	1	1600	OUTLETS	18	18	
19	1	OUTLETS	20	1	1600	1600	1	1600	TOILET ROOM OUTLET	20	20	
21	1	SHOWER ROOM OUTLET	20	1	1600	1600	1	1600	SHOWER ROOM OUTLET	22	22	
23	1	SHOWER ROOM OUTLET	20	1	1600	1600	1	1600	TOILET ROOM OUTLET	24	24	
25	1	OUTLETS	20	1	1600	1600	1	1600	OUTLETS	26	26	
27	1	OUTLETS	20	1	1600	1600	1	1600	VENDING MACHINE OUTLETS	28	28	
29	1	OUTLETS	20	1	1600	1600	1	1600	TOILET ROOM OUTLET	30	30	
31	1	P.O.S. WATER HEATER	30	1	2000	1200	1	1200	DINING ROOM IN	32	32	
33	1	DINING ROOM IN	20	1	1600	1600	1	1600	DRENK OUTLETS	34	34	
35	1	SHAVE	20	1	1600	1600	1	1600	SHAVE	36	36	
37	1	BLANK	-	-	-	-	-	-	BLANK	38	38	
39	1	BLANK	-	-	-	-	-	-	BLANK	40	40	
41	1	BLANK	-	-	-	-	-	-	BLANK	42	42	
					TOTAL CONNECTED LOAD (VA)				TOTAL CONNECTED LOAD (VA)			
					467 = 67670		180 = 18180		C2P = 17920			
					SOLID NEUTRAL		SOLID NEUTRAL		GROUND BUS		GROUND WIRE (Ø)	

PANEL: PNL-4
LOCATION: ROOM #114
FEDER SOURCE: PNL-2

VOLTAGE: 120/208V, 200A, 3Ø, 4W
ENCLOSURE: RECESSED W/ EQUIPMENT GND BAR
22000 AIC
W/ MAIN BREAKER

CCT. NO.	THIN WIRE SIZE	LOAD DESCRIPTION	BREAKER AMP	POLE	LOAD (VA)	LOAD (VA)	POLE	AMP	LOAD DESCRIPTION	THIN WIRE SIZE	CCT. NO.
1	1	LOW BAY FLOURESCENT LC-1	20	1	1600	1600	1	1600	LOW BAY FLOURESCENT LC-1	2	2
3	1	LOW BAY FLOURESCENT LC-1	20	1	1600	1600	1	1600	LOW BAY FLOURESCENT LC-1	4	4
5	1	LOW BAY FLOURESCENT LC-2	20	1	1600	1600	1	1600	LOW BAY FLOURESCENT LC-2	6	6
7	1	LOW BAY FLOURESCENT LC-2	20	1	1600	1600	1	1600	TOILET / SHW RM LIGHTS AND VENT	8	8
9	1	TOILET ROOM OUTLET	20	1	1600	1600	1	1600	CENTRAL LIGHTING	10	10
11	1	CEILING FAN	20	1	1600	1200	1	1200	EXTERIOR METAL HALIDE LIGHTING	12	12
13	1	EXTERIOR METAL HALIDE LIGHTING	20	1	1200	1200	1	1200	EXTERIOR METAL HALIDE LIGHTING	14	14
15	1	FOOTBALL FAN	20	1	1600	1600	1	1600	FOOTBALL FAN	16	16
17	1	FOOTBALL LIGHTING	20	1	1600	1600	1	1600	BLANK	18	18
19	1	BLANK	-	-	-	-	-	-	BLANK	20	20
21	1	BLANK	-	-	-	-	-	-	BLANK	22	22
23	1	BLANK	-	-	-	-	-	-	BLANK	24	24
25	1	BLANK	-	-	-	-	-	-	BLANK		