



APEGA
PERMIT TO
PRACTICE
P 3979

NO.	TAG & NO.	DESIGNATION	POWER				REFERENCE	CB / STARTER	EQUIPMENT			CIRCUIT			FUNCTION			FEATURES					BRANCH WIRING				COMMENTS								
			HP	KW/KVA	V	FLA			Ø	FURN BY	INST BY	WIRE BY	TYPE	FURN BY	INST BY	WIRE BY	TYPE	FURN BY	INST BY	WIRE BY	HOA (Y/N)	E/S (Y/N)	RUN (Y/N)	FAULT (Y/N)	DICS. (Y/N)	FURN BY		INST BY	WIRE BY	CABLE QTY.	AWG SIZE	CONDUIT SIZE	GRD SIZE	APPRX LEN(m)	
1	AHU-1	MOTOR, AIR HANDLING UNIT	3	2.23	575	3.9	3	MCC 1	15	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	EXISTING	14	-	
2	AHU-2	MOTOR, AIR HANDLING UNIT	2	1.49	575	2.7	3	MCC 1	15	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	EXISTING	14	-	
3	AHU-3B	MOTOR, AIR HANDLING UNIT	5	3.72	575	6.1	3	MCC 1	15	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	EXISTING	14	-	
4	AHU-3A	MOTOR, AIR HANDLING UNIT	-	-	575	20	3	PANEL WB	30	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	10	EXISTING	12	-	
5	AHU-3C	MOTOR, AIR HANDLING UNIT	1	0.75	575	1.7	3	MCC 1	15	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	21MM	14	30	
6	P-301	MOTOR, PUMP FOR AHU-1	0.5	0.37	115	9.8	1	PANEL Z	25	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	-	EC	EC	EC	1	12	21MM	14	20	
7	P-302	MOTOR, PUMP FOR AHU-2	0.5	0.37	115	9.8	1	PANEL Z	25	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	-	EC	EC	EC	1	10	21MM	12	30	
8	P-303B	MOTOR, PUMP FOR AHU-3B	0.5	0.37	115	9.8	1	PANEL Z	25	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	-	EC	EC	EC	1	10	21MM	12	30	
9	UH-14	UNIT HEATER	0.1	0.04	115	4.4	1	-	15	-	MC	MC	EC	CB	-	-	-	EC	-	-	-	-	-	-	-	-	-	-	-	1	12	EXISTING	14	-	FIELD VERIFY FEEDER. RE-USE EXISTING BREAKER AND WIRING.
10	UH-15	UNIT HEATER	0.1	0.04	115	4.4	1	-	15	-	MC	MC	EC	CB	-	-	-	EC	-	-	-	-	-	-	-	-	-	-	-	1	12	EXISTING	14	-	FIELD VERIFY FEEDER. RE-USE EXISTING BREAKER AND WIRING.
11	UH-16	UNIT HEATER	0.1	0.04	115	4.4	1	-	15	-	MC	MC	EC	CB	-	-	-	EC	-	-	-	-	-	-	-	-	-	-	-	1	12	EXISTING	14	-	FIELD VERIFY FEEDER. RE-USE EXISTING BREAKER AND WIRING.
12	UH-17	UNIT HEATER	0.1	0.04	115	4.4	1	-	15	-	MC	MC	EC	CB	-	-	-	EC	-	-	-	-	-	-	-	-	-	-	-	1	12	EXISTING	14	-	FIELD VERIFY FEEDER. RE-USE EXISTING BREAKER AND WIRING.
13	UH-18	UNIT HEATER	0.1	0.04	115	4.4	1	-	15	-	MC	MC	EC	CB	-	-	-	EC	-	-	-	-	-	-	-	-	-	-	-	1	12	EXISTING	14	-	FIELD VERIFY FEEDER. RE-USE EXISTING BREAKER AND WIRING.
14	CF-1	MOTOR, CEILING FAN	0.1	0.10	115	4.4	1	PANEL Z	15	-	MC	MC	EC	CB	EC	EC	EC	VSD	MC	MC	EC	-	-	-	-	-	-	-	-	1	12	21MM	14	10	
15	CF-2	MOTOR, CEILING FAN	0.13	0.10	115	4.4	1	PANEL Z	15	-	MC	MC	EC	CB	EC	EC	EC	VSD	MC	MC	EC	-	-	-	-	-	-	-	-	1	12	21MM	14	30	
16	TF-1	MOTOR, FAN	0.2	0.10	115	5.8	1	PANEL Z	15	-	MC	MC	EC	CB	EC	EC	EC	VSD	MC	MC	EC	-	-	-	-	-	-	-	-	1	12	EXISTING	14	-	
17	F-13	MOTOR, EXHAUST FAN	1.5	1.12	208	12	1	PANEL Z	25	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	12	EXISTING	14	-	RE-USE EXISTING BREAKER AND WIRING.
18	EF-218	MOTOR, EXHAUST FAN	0.75	0.56	115	13.8	1	PANEL Z	25	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	12	21MM	14	-	
19	AHU-4E	MOTOR, AIR HANDLING UNIT	5	3.72	575	6.1	3	MCC 2	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	EXISTING	14	-	
20	AHU-4F	MOTOR, AIR HANDLING UNIT	5	3.72	575	6.1	3	MCC 2	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	21MM	14	10	
21	AHU-5	MOTOR, AIR HANDLING UNIT	1.5	1.11	575	2.4	3	MCC 2	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	EXISTING	14	-	
22	TX-E3	TRANSFORMER FOR PANEL E3	-	45.00	575	43	3	RADIAL FEEDER	60	-	EC	EC	EC	CB	EC	EC	EC	-	-	-	-	-	-	-	-	-	-	-	-	1	6	27MM	8	5	
23	PANEL E3	PANEL	-	-	208	125	3	TX-E3	150	-	EC	EC	EC	CB	EC	EC	EC	-	-	-	-	-	-	-	-	-	-	-	-	1	20	53MM	6	5	
24	AHU-6	MOTOR, AIR HANDLING UNIT	0.7	0.56	115	13.8	1	PANEL E3	30	1	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	8	21MM	10	40	
25	P-213A	MOTOR, PUMP FOR AHU-4E	0.5	0.37	115	9.8	1	PANEL E3	20	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	-	EC	EC	EC	1	12	21MM	14	15	
26	P-213B	MOTOR, PUMP FOR AHU-4F	0.5	0.37	115	9.8	1	PANEL E3	20	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	-	EC	EC	EC	1	12	21MM	14	15	
27	P-214A	MOTOR, PUMP FOR AHU-5	0.17	0.13	115	5.8	1	PANEL E3	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	-	EC	EC	EC	1	12	21MM	14	35	
28	P-214B	MOTOR, PUMP FOR RHC LOOP	0.1	0.09	115	4.4	1	PANEL E3	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	-	EC	EC	EC	1	12	21MM	14	25	
29	EF-LF	MOTOR, EXHAUST FAN	0.5	0.40	115	9.8	1	PANEL E3	25	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	10	21MM	12	25	
30	EF-LE	MOTOR, EXHAUST FAN	0.5	0.40	115	9.8	1	PANEL E3	25	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	10	21MM	12	25	
31	F-22	MOTOR, EXHAUST FAN	0.5	0.40	115	9.8	1	PANEL E3	20	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	10	21MM	12	35	
32	F-21	MOTOR, EXHAUST FAN	0.5	0.40	115	9.8	1	PANEL E3	20	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	10	21MM	12	35	
33	AHU-7G	MOTOR, AIR HANDLING UNIT	5	3.72	575	6.1	3	MCC 3	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	EXISTING	14	-	
34	AHU-7H	MOTOR, AIR HANDLING UNIT	5	3.72	575	6.1	3	MCC 3	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	21MM	14	10	
35	AHU-8	MOTOR, AIR HANDLING UNIT	1.5	1.11	575	2.4	3	MCC 3	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	EXISTING	14	-	
36	TX-G3	TRANSFORMER FOR PANEL G3	-	45.00	575	43	3	RADIAL FEEDER	60	-	EC	EC	EC	CB	EC	EC	EC	-	-	-	-	-	-	-	-	-	-	-	-	1	6	27MM	8	5	
37	FAN-1	MOTOR, FAN	3	2.20	575	3.9	3	MCC 3	15	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	12	21MM	14	30	RE-USE EXISTING CONDUIT FROM FAN-1 TO PANEL PP. INSTALL NEW CONDUIT FROM PANEL PP TO MMC 3.
38	PANEL G3	PANEL	-	-	208	125	3	TX-G3	150	-	EC	EC	EC	CB	EC	EC	EC	-	-	-	-	-	-	-	-	-	-	-	-	1	20	53MM	6	5	
39	AHU-9	MOTOR, AIR HANDLING UNIT	0.7	0.56	115	13.8	1	PANEL G3	30	1	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	8	21MM	10	40	
40	P-215A	MOTOR, PUMP FOR AHU-7G	0.5	0.37	115	9.8	1	PANEL G3	20	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	Y	EC	EC	EC	1	12	21MM	14	15	
41	P-215B	MOTOR, PUMP FOR AHU-7H	0.5	0.37	115	9.8	1	PANEL G3	20	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	Y	EC	EC	EC	1	12	21MM	14	15	
42	P-216A	MOTOR, PUMP FOR AHU-8	0.17	0.13	115	5.8	1	PANEL G3	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	Y	EC	EC	EC	1	12	21MM	14	35	
43	P-216B	MOTOR, PUMP FOR RHC LOOP	0.1	0.09	115	4.4	1	PANEL G3	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	EC	EC	EC	Y	-	-	-	Y	EC	EC	EC	1	12	21MM	14	25	
44	EF-LH	MOTOR, EXHAUST FAN	0.5	0.40	115	9.8	1	PANEL G3	20	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	10	21MM	12	25	
45	EF-LG	MOTOR, EXHAUST FAN	0.5	0.40	115	9.8	1	PANEL G3	20	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	10	21MM	12	25	
46	F-29	MOTOR, EXHAUST FAN	0.5	0.40	115	9.8	1	PANEL G3	20	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	10	21MM	12	35	
47	F-28	MOTOR, EXHAUST FAN	0.5	0.40	115	9.8	1	PANEL G3	20	-	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	-	-	-	-	-	-	-	-	1	10	21MM	12	35	
48	AHU-13A	MOTOR, AIR HANDLING UNIT	5	3.72	575	6.1	3	MCC 4	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	EXISTING	14	-	
49	AHU-13B	MOTOR, AIR HANDLING UNIT	5	3.72	575	6.1	3	MCC 4	15	1	MC	MC	EC	CB	EC	EC	EC	FVNR	MC	MC	EC	Y	-	-	-	-	MC	MC	MC	1	12	21MM	14	10	
50	AHU-14																																		