MECHANICAL EQUIPMENT SCHEDULE

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Unit No.	Description	Location	Nameplate				Overcurrent Protection			Feeder			Fed From	Disconnect					Starter/VFD					Starter Control							Remarks
			Voltage (V)	Phase Ø	MCA (A)	Load (HP, FLA, kW)	Type	Rating	Poles	Conductors	Bond	Conduit		NEMA Rating	S	I	C	Type	NEMA Size	S	I	C	Type	Remote Type	N/O Contacts	N/C Contacts	S	I	C	
AIR CONDITIONING EQUIPMENT																															
CU-1	CONDENSING UNIT	EXTERIOR - SOUTH CULTURAL ACTIVITY	208	3	14	14.0 FLA	fuse	30	3	cu		8											INT							CONTROLLED BY FURNACE
CU-2	CONDENSING UNIT	EXTERIOR - SOUTH CULTURAL ACTIVITY	208	3	22.5	18.0	fuse	45	3	cu		6											INT							CONTROLLED BY FURNACE
CU-3	CONDENSING UNIT	EXTERIOR - SOUTH CULTURAL ACTIVITY	208	3	47.5	39.0	fuse	90	3	cu		1											INT							CONTROLLED BY FURNACE
CU-4	CONDENSING UNIT	EXTERIOR - SOUTH CULTURAL ACTIVITY	208	3	92.5	37.0	fuse	90	3	cu		2											INT							CONTROLLED BY FURNACE
AIR HANDLING																															
F-1	FURNACE	MECHANICAL ROOM 117	208	3	12.5	10.0 FLA	fuse	25	3	cu		10											LTST							CONTROLLED BY THERMOSTAT
F-2	FURNACE	MECHANICAL ROOM 117	208	3	12.5	10.0 FLA	fuse	25	3	cu		10											LTST							CONTROLLED BY THERMOSTAT
F-3	FURNACE	MECHANICAL ROOM 203	208	3	12.5	10.0 FLA	fuse	25	3	cu		10											LTST							CONTROLLED BY THERMOSTAT
F-4	FURNACE	MECHANICAL ROOM 203	208	3	15	12.0 FLA	fuse	30	3	cu		10											LTST							CONTROLLED BY THERMOSTAT
DOMESTIC HOT WATER																															
DHWT-1	DOMESTIC HOT WATER TANK	MECHANICAL ROOM 203	120	1	6.25	5.0 FLA	c.b	15	1	cu		14											INT							
EXHAUST FANS																															
EF-1	EXHUAST FAN	MECHANICAL ROOM 203	120	1	3.8	0.25 HP	c.b	15	1	cu		14											COMB							INTERLOCK LOCAL LIGHTING
EF-2	EXHUAST FAN	ROOM 120	208	3	8.7	1.5 HP	c.b	20	3	cu		12											VFD							INTERLOCK LOCAL LIGHTING
BASEBOARD HEATERS																															
BB-1	BASEBOARD HEATER	KITCHENETTE 108	208	1	12.02	2.5 kW	fuse	30	2	cu		10											LTST							CONTROLLED BY THERMOSTAT
BB-2	BASEBOARD HEATER	KITCHENETTE 108	120	1	10	1.0 kW	fuse	20	1	cu		12											LTST							CONTROLLED BY THERMOSTAT
BB-3	BASEBOARD HEATER	COMMONS 109	120	1	10	1.0 kW	fuse	20	1	cu		12											LTST							CONTROLLED BY THERMOSTAT
BB-4	BASEBOARD HEATER	COMMONS 109	208	1	12.02	2.5 kW	fuse	30	2	cu		10											LTST							CONTROLLED BY THERMOSTAT
BB-5	BASEBOARD HEATER	COMMONS 109	120	1	10	1.0 kW	fuse	20	1	cu		12											LTST							CONTROLLED BY THERMOSTAT
BB-6	BASEBOARD HEATER	CULTURAL ACTIVITY 110	208	1	12.02	2.5 kW	fuse	30	2	cu		10											LTST							CONTROLLED BY THERMOSTAT
BB-7	BASEBOARD HEATER	CULTURAL ACTIVITY 110	208	1	12.02	2.5 kW	fuse	30	2	cu		10											LTST							CONTROLLED BY THERMOSTAT
BB-8	BASEBOARD HEATER	MENS 104	120	1	10	1.0 kW	fuse	20	1	cu		12											LTST							CONTROLLED BY THERMOSTAT
BB-9	BASEBOARD HEATER	COMMONS 109	120	1	10	1.0 kW	fuse	20	1	cu		12											LTST							CONTROLLED BY THERMOSTAT
FORCE FLOWS																															
FF-1	FORCE FLOW FAN	FOYER 100	120	1	7.5	6.0 FLA	cb	15	1	cu		14											LTST							CONTROLLED BY THERMOSTAT
FF-2	FORCE FLOW FAN	ROOM 120	120	1	15	1.5 kW	fuse	30	1	cu		10											LTST							CONTROLLED BY THERMOSTAT
FF-3	FORCE FLOW FAN	MECHANICAL ROOM 117	120	1	15	1.5 kW	fuse	30	1	cu		10											LTST							CONTROLLED BY THERMOSTAT
FF-4	FORCE FLOW FAN	WATER METER 107	120	1	7.5	6.0 FLA	cb	15	1	cu		14											LTST							CONTROLLED BY THERMOSTAT

COMMON ABBREVIATIONS

E=ELECTRICAL CONTRACTOR M=MECHANICAL CONTRACTOR INT=INTEGRAL TO UNIT (BY MANUFACTURER) S=SUPPLIED BY I=INSTALLED BY C=CONNECTED BY NR=NOT REQUIRED

NAMEPLATE & FEEDER ABBREVIATIONS

FLA=FULL LOAD AMPACITY MCA=MINIMUM CIRCUIT AMPACITY HP=HORSE POWER FU=FUSE(S) P=POLES

STARTER TYPE ABBREVIATIONS

VFD=VARIABLE FREQUENCY DRIVE MAG=MAGNETIC FVNR MAN=MANUAL COM=COMBO BREAKER + MAG FVNR=FULL VOLTAGE NON-REVERSING FVR=FULL VOLTAGE REVERSING SOFT=SOFT STARTER TST=LINE VOLTAGE THERMOSTAT

STARTER CONTROL TYPE ABBREVIATIONS

BMS=BUILDING MANAGEMENT SYSTEM H,O,A=HAND,OFF,AUTO F,O,R=FORWARD,OFF,REVERSE O,O=ON,OFF LTST=LOW VOLTAGE THERMOSTAT R,J=RUN,JOG F,R=FORWARD,REVERSE O,C=OPEN,CLOSE

GENERAL NOTES

a. IN MOST CASES THE FLA'S AND ASSOCIATED BRANCH CIRCUITS ARE BASED ON THE CANADIAN ELECTRICAL CODE. CONFIRM THE ACTUAL FLA'S OF MOTORS WITH THE MECHANICAL CONTRACTOR FLA'S OF MOTORS HAVE BEEN CONFIRMED. NO ADDITIONAL COSTS WILL BE CONSIDERED FOR FAILURE TO CONFIRM THE FLA'S OF MOTORS PRIOR TO SUBMISSION OF DISTRIBUTION EQUIPMENT

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b. IF MOTOR FEEDER SIZES ARE NOT SHOWN, REFER TO SINGLE LINE DIAGRAM.

c. ELECTRICAL CONTRACTOR IS TO UPDATE ALL INFORMATION IN THIS SCHEDULE PRIOR TO SUBMITTING AS-BUILT DRAWINGS. THE OVERCURRENT PROTECTION AND MOTOR NAMEPLATE COLUMNS ARE TO BE FILLED IN BY THE CONTRACTOR.

d. WHERE INDICATED, PROVIDE ROOFTOP GFCI RECEPTACLES AS PER CEC RULE 26-704.

e. UNLESS NOTED OTHERWISE, ALL EQUIPMENT TEMPERATURE RATINGS ARE ASSUMED TO BE 75°C (CONDUCTOR TEMPERATURE). FOR EXISTING EQUIPMENT, CONFIRM THAT THE TEMPERATURE RATINGS ARE 75°C. IF THE EQUIPMENT IS UNMARKED AND RATED 100 A OR LESS, ASSUME THE TEMPERATURE RATING IS 60°C AND INCREASE THE CONDUCTOR SIZE APPROPRIATELY (CEC RULE 4- 006).

REFERRAL NOTES

[1] - PRIOR TO ORDERING EQUIPMENT (BREAKERS, OVERLOADS, ETC.), AND INSTALLATION OF BRANCH CIRCUITS. APPROVAL OF DISTRIBUTION SHOP DRAWINGS IS BASED ON THE

[2] - SHOP DRAWINGS.