



1 ELECTRICAL POWER - ROOF PLAN
1/8" = 1'-0"

ABBREVIATIONS		MOTOR CONTROL TYPE	
DC	LOCAL DISCONNECT	CS	COMBINATION STARTER
MC	MOTOR CONTROL (POWER)	MCC	MOTOR CONTROL CENTER
SD	SMOKE DETECTOR	MG	MAGNETIC STARTER OR CONTACT
CN	CONTROLS	MS	MANUAL STARTER
HP	HORSEPOWER	VFD	VARIABLE FREQUENCY DRIVE
BHP	BRAKE HORSEPOWER	MSR	MANUAL STARTER W/ RELAY
EX	EXISTING		
FLA	OPERATING FULL LOAD AMPS		
MCA	MINIMUM CIRCUIT AMPACITY		
OC	OVER CURRENT PROTECTION		
CP	CORD AND PLUG		
CONTRACTOR TYPE		CONTROL TYPE	
EC	ELECTRICAL CONTRACTOR	TC	TIMECLOCK
FC	FIRE PROTECTION CONTRACTOR	OCC	OCCUPANCY SENSOR
GC	GENERAL CONTRACTOR	BAS	BUILDING AUTOMATION SYSTEM
HC	HVAC CONTRACTOR	LOW	LOW VOLTAGE CONTROLS
MFR	MANUFACTURER	LINE	LINE VOLTAGE CONTROLS
PC	PLUMBING CONTRACTOR	RLINE	REVERSE ACTING LINE VOLTAGE STAT
OR	OWNER OR OTHERS	MAN	MANUAL
		FA	FIRE ALARM
		SCP	SMOKE CONTROL PANEL
		INT	INTEGRAL TO EQUIPMENT

EQUIPMENT SCHEDULE																								
MARK	EQUIPMENT NAME	LOCATION	STATUS	PHASE	MAX	MOCP	HP	KW	FLA	CONDUIT - WIRE	PANEL	DISC. TYPE	DISC. FURN.	DISC. INST.	DISC. WIRE	MC TYPE	MC FURN.	MC INST.	MC WIRE	CNTR. TYPE	CNTR. FURN.	CNTR. INST.	CNTR. WIRE	NOTES
RTU-1	ROOF-TOP UNIT	ROOF	NEW	208/3	27.0	40			21.6	1"C-(3)#8, (1)#10 GND	H-1,3,5	60/3	E.C.	E.C.	E.C.	MFR	MFR	MFR	MFR	LOW	HC	HC	HC	--
RTU-2	ROOF-TOP UNIT	ROOF	NEW	208/3	30.0	45			24.8	1"C-(3)#8, (1)#10 GND	H-2,4,6	60/3	E.C.	E.C.	E.C.	MFR	MFR	MFR	MFR	LOW	HC	HC	HC	--
RTU-3	ROOF-TOP UNIT	ROOF	NEW	208/3	27.0	40			21.6	1"C-(3)#8, (1)#10 GND	H-7,9,11	60/3	E.C.	E.C.	E.C.	MFR	MFR	MFR	MFR	LOW	HC	HC	HC	--
RTU-4	ROOF-TOP UNIT	ROOF	NEW	208/3	31.0	45			24.8	1"C-(3)#8, (1)#10 GND	H-8,10,12	60/3	E.C.	E.C.	E.C.	MFR	MFR	MFR	MFR	LOW	HC	HC	HC	--
RTU-5	ROOF-TOP UNIT	ROOF	NEW	208/1	21.0	30			16.8	3/4"C-(2)#10, (1)#10 GND	H-14,16	30/1	E.C.	E.C.	E.C.	MFR	MFR	MFR	MFR	LOW	HC	HC	HC	--
EF-1	EXHAUST FAN	RESTROOMS	NEW	120/1				53W		3/4"C-(2)#12, 1#12 GND.	H-45	30/1	EC	EC	EC	MS	EC	EC	EC	MAN	EC	EC	EC	1
EF-2	EXHAUST FAN	RESTROOMS	NEW	120/1				53W		3/4"C-(2)#12, 1#12 GND.	H-45	30/1	EC	EC	EC	MS	EC	EC	EC	MAN	EC	EC	EC	1
EW-1	WATER HEATER	CORRIDOR	NEW	120/1				0.5		3/4"C-(2)#12, 1#12 GND.	H-47	--	--	--	--	--	--	--	--	INT	MFG	MFG	MFG	--
EW-2	WATER HEATER	ABOVE RESTROOMS	NEW	120/1				2.5		3/4"C-(2)#10, 1#10 GND.	H-43	30/1	EC	EC	EC	--	--	--	--	INT	MFG	MFG	MFG	--

MECHANICAL EQUIPMENT SCHEDULE NOTES
1. CONTROLLED VIA OCCUPANCY SENSOR AT TOILET ROOM(S).

GENERAL NOTES

- CONTRACTOR SHALL COMPLETELY REMOVE ALL EQUIPMENT, PANELBOARDS, DEVICES, FIXTURES, WIRING, CONDUIT, ETC. AND ALL ASSOCIATED SUPPORTS, BRACING, PADS, ETC. NOT BEING REUSED OR SHOWN TO REMAIN WHETHER IN THE DEMISED SPACE, ON THE ROOF OR OTHERWISE LOCATED OUTSIDE OF THE DEMISED SPACE. DO NOT ABANDON IN PLACE.
- ALL 120 VOLT BRANCH CIRCUITS IN EXCESS OF 75' SHALL HAVE CONDUCTOR SIZE INCREASED A MINIMUM OF 1 CONDUCTOR SIZE. INSTALLING CONTRACTOR SHALL DETERMINE ACTUAL CONDUCTOR SIZE TO BE INSTALLED TO ADHERE TO VOLTAGE DROP REQUIREMENTS.
- PROVIDE A NEUTRAL CONDUCTOR FOR EACH BRANCH CIRCUIT. NEUTRAL SHARING IS NOT ALLOWED. PROVIDE MULTI-BREAKER AS ALTERNATE PER NEC. REQUIREMENT.
- ELECTRICAL SYSTEM SHALL BE GROUNDED AND BONDED PER NEC REQUIREMENTS AND AUTHORITY HAVING JURISDICTION.
- ALL DEVICES SHALL BE MOUNTED VERTICALLY AT 18" A.F.F. TO CENTER OF DEVICE, UNLESS NOTED OTHERWISE.
- ALL FLOOR BOXES TO BE OMNIBOX, FLUSH WITH FINISHED FLOOR, WITH BRASS RING FLUSH WITH FINISH FLOOR.
- ALL MATERIALS AND WORKMANSHIP SHALL CONFORM TO BASE BUILDING SPECIFICATION, LOCAL CODES AND ORDINANCES, AND INDUSTRY STANDARDS.
- ALL ELECTRICAL FACE PLATES IN SALES AREA SHALL BE WHITE.
- PROVIDE COMPLETE, TYPED CIRCUIT DIRECTORY CARDS FOR EVERY PANEL IN TENANT LEASE SPACE.
- SEE ARCHITECTURAL PLANS FOR DEMOLITION SCOPE.
- CONDUITS INSTALLED IN TRENCHES BELOW CONCRETE MUST BE INSPECTED PRIOR TO BACK FILL.

KEY NOTES

- IF NOT EXISTING, PROVIDE WEATHER-PROOF/GFI TYPE DUPLEX RECEPTACLE ADJACENT TO ROOF MOUNTED HVAC EQUIPMENT.
- LOCATION OF DUCT MOUNTED SMOKE DETECTOR AT SUPPLY AND RETURN DUCTS.
- MECHANICAL EQUIPMENT. REFER TO EQUIPMENT SCHEDULE THIS SHEET.