

GENERAL NOTES

1.

COORDINATE THE EXACT LOCATION OF ALL CEILING MOUNTED DEVICES WITH THE ARCHITECT PRIOR TO INSTALLATION. REFER TO ARCHITECTURAL REFLECTED CEILING PLANS FOR CEILING TYPES.
2.

COORDINATE THE LOCATION OF WALL MOUNTED DEVICES WITH CASEWORK. REFER TO ARCHITECTURAL DRAWINGS.
3.

PROVIDE COMPLETE SEISMIC ANCHORAGE AND BRACING FOR THE LATERAL, LONGITUDAL, AND VERTICAL SUPPORT OF ALL CONDUIT AND ELECTRICAL EQUIPMENT IN ACCORDANCE WITH UBC SECTION 2312.
4.

COORDINATE MOUNTING HARDWARE OF ALL LIGHT FIXTURES WITH THE SPECIFIC TYPE OF CEILING IN EACH ROOM. REFER TO ARCHITECTURAL PLANS FOR CEILING TYPES.
5.

UNLESS OTHERWISE INDICATED ON THE ELECTRICAL SYMBOLS LEGEND, NUMBERS ADJACENT TO ELECTRICAL OUTLETS REFER TO CIRCUIT NUMBER TO WHICH OUTLET IS TO BE WIRED.
6.

WHERE ONLY ONE RECEPTACLE, SINGLE OR DUPLEX, IS SUPPLIED BY A BRANCH CIRCUIT (DEDICATED CIRCUIT), THE RECEPTACLE SHALL HAVE THE SAME AMPERE RATING AS THE OVERCURRENT DEVICE AHEAD OF THE CIRCUIT.
7.

IN ADDITION TO CONDUCTORS INDICATED, PROVIDE EQUIPMENT GROUNDING CONDUCTORS TOGETHER WITH ALL BRANCH CIRCUIT RUNS, EXCEPT BRANCH CIRCUITS SUPPLYING POWER TO LIGHTS. ONLY BRANCH CIRCUITS ON DIFFERENT PHASES SUPPLIED BY THE SAME PANEL SHALL SHARE THE SAME EQUIPMENT GROUNDING CONDUCTOR.
8.

THE NEUTRAL CONDUCTOR OF EACH BRANCH CIRCUIT SUPPLYING ISOLATED GROUND TYPE RECEPTACLES SHALL BE KEPT FREE OF CONNECTIONS TO THE NEUTRAL CONDUCTORS OF OTHER CIRCUITS, EXCEPT AT THE PANELBOARD NEUTRAL BUS. AN ADDITIONAL INSULATED EQUIPMENT GROUNDING CONDUCTOR SHALL BE COMPLETELY ISOLATED ELECTRICALLY FROM THE RACEWAY SYSTEM, EXCEPT AT THE PANELBOARD.

SYMBOL LEGEND

FLUORESCENT LUMINAIRE

INCANDESCENT, COMPACT FLUORESCENT, OR H.I.D. LUMINAIRE

WALL WASH LUMINAIRE

EXIT FIXTURE

CEILING MOUNTED EMERGENCY LIGHT FIXTURE

WALL MOUNTED EMERGENCY LIGHT FIXTURE

TRACK LIGHT FIXTURE

SINGLE POLE SWITCH

THREE-WAY SWITCH

FOUR-WAY SWITCH

DIMMER SWITCH

KEY OPERATED SWITCH

SWITCH W/PILOT LIGHT

DUPLEX RECEPTACLE

GFI RECEPTACLE

ISOLATED GROUND DUPLEX RECEPTACLE

20 AMP DUPLEX RECEPTACLE

SINGLE RECEPTACLE

DOUBLE DUPLEX RECEPTACLE

FLOOR MOUNTED RECEPTACLE

CEILING MOUNTED RECEPTACLE

SPECIAL RECEPTACLE

EXPOSED CONDUIT: UNLESS OTHERWISE INDICATED, SYMBOL DENOTES 1/2" C - 2#12

CONCEALED CONDUIT: UNLESS OTHERWISE INDICATED, SYMBOL DENOTES 1/2" C - 2#12

1/2" C - 3#12

1/2" C - 4#12

3/4" C - 5#12

3/4" C - 6#12

MOTOR OUTLET

MANUAL MOTOR STARTER

MOTOR STARTER

DISCONNECT SWITCH

PUSH TYPE SWITCH

JUNCTION BOX

ELECTRIC WALL HEATER

ELECTRIC BASEBOARD HEATER

ELECTRICAL PANEL

DOOR POSITION INDICATION SWITCH

VSS OR CCTV CAMERA

INTERCOM STATION

INTERIOR SPEAKER

EXTERIOR SPEAKER

CLOCK OUTLET

TELEVISION OUTLET

TELEPHONE OUTLET

COMPUTER OUTLET

MANUAL PULL STATION

ALARM HORN WITH STROBE

ALARM MINI-HORN

SMOKE DETECTOR ("WG" DENOTES WITH WIRE GUARD)

DUCT SMOKE DETECTOR

HEAT DETECTOR

SPRINKLER FLOW SWITCH

TAMPER SWITCH

INTERFACE RELAY

KITCHEN HOOD PANEL

HALON SYSTEM PANEL

END OF LINE RESISTOR

MAGNETIC DOOR HOLDER

KEY NOTE

EQUIPMENT IDENTIFIER

EQUIPMENT IDENTIFIER

ROOM NUMBER

DETAIL NUMBER

DETAIL REFERENCE

SHEET NUMBER

ABBREVIATIONS

C

CONDUIT

CO

CONDUIT ONLY WITH 1/4" POLYPROPYLENE PULL ROPE

EM

EMERGENCY

NL

NIGHT LIGHT

WP

WEATHERPROOF, RECEPTACLES TO BE G.F.I.

(E)

EXISTING TO REMAIN

(R)

RELOCATED

K

KEY OPERATED

NOTE:
SYMBOLS SHOWN SHALL BE FOLLOWED THROUGHOUT THE PLANS WHEREVER APPLICABLE. ALL THE VARIOUS ABBREVIATIONS ARE NOT NECESSARILY USED THIS PROJECT.

MECHANICAL EQUIPMENT SCHEDULE

ITEM	DESCRIPTION	VOLTS	PHASE	HP KW	TOTAL AMPS	CIRCUIT BREAKER	DISC. SWITCH	FUSE SIZE	CONDUIT	WIRE	CIRCUIT #	NOTES
1	CO. UNIT 1A	208	1	4.14	19.9	30A	30A-2P	30A	3/4"	#10	M-1,3	
2	CO. UNIT 1B	208	1	4.14	19.9	30A	30A-2P	30A	3/4"	#10	M-2,4	
3	CO. UNIT 2A	208	1	4.14	19.9	30A	30A-2P	30A	3/4"	#10	M-5,7	
4	CO. UNIT 2B	208	1	4.14	19.9	30A	30A-2P	30A	3/4"	#10	M-6,8	
5	CO. UNIT 3A	208	1	4.14	19.9	30A	30A-2P	30A	3/4"	#10	M-9,11	
6	CO. UNIT 3B	208	1	4.14	19.9	30A	30A-2P	30A	3/4"	#10	M-10,12	
7	EXH FAN #1	120	1	.290		20A			1/2"	#12	M-19	
8	EXH FAN #2	120	1	.099		20A			1/2"	#12	M-19	
9	EXH FAN #3	120	1	.076		20A			1/2"	#12	M-19	
10	EXH FAN #4	120	1	.046		20A			1/2"	#12	M-20	
11	EXH FAN #5	120	1	.070		20A			1/2"	#12	M-20	
12	EXH FAN #6	120	1	.156		20A			1/2"	#12	M-20	
13	EXH FAN #7	120	1	.190		20A			1/2"	#12	M-20	
14	HWR PUMP	120	1	.420		15A	30A-2P	AS REQ.	1/2"	#12	M-21	
15	HWR PUMP	120	1	.420		15A	30A-2P	AS REQ.	1/2"	#12	M-21	
16	NOT USED											
17	FURNACE 1A	120	1	1.25	10.4	15A	30A-2P	15A	1/2"	#12	M-13	
18	FURNACE 2A	120	1	1.25	10.4	15A	30A-2P	15A	1/2"	#12	M-14	
19	FURNACE 3A	120	1	1.25	10.4	15A	30A-2P	15A	1/2"	#12	M-15	
20	FURNACE 1B	120	1	1.25	10.4	15A	30A-2P	15A	1/2"	#12	M-16	
21	FURNACE 2B	120	1	1.25	10.4	15A	30A-2P	15A	1/2"	#12	M-17	
22	FURNACE 3B	120	1	1.25	10.4	15A	30A-2P	15A	1/2"	#12	M-18	
23	DOOR OPER.	120	1	1.2	10	20A			1/2"	#12	EP-12	
24	BSBD. HEAT	120	1	1.1	10	20A			1/2"	#12	1W-19	
25	BSBD. HEAT	120	1	1.1	10	20A			1/2"	#12	1W-21	
26												
27												
28												
29												
30												
31												

LIGHTING FIXTURE SCHEDULE

TYPE	MOUNTING					LAMP(S)	QUANTITY AND TYPE	WATTS/FIXTURE	MANUFACTURER AND CATALOG NUMBER	REMARKS
	SURFACE	PENDANT	RECESSED	WALL	POLE					
A	X					4)F40T12	150		LITHONIA #MP2444	
B	X	X				4)F40T12	150		COLUMBIA #PDP4-43-821-120	
C	X					2)F40T12	75		LITHONIA #LB240A120ES	
D	X					2)F40T12	75		LITHONIA #CA240120ES	
E	X					2)F5T1	40		LITHONIA #F2ESW1G	
F	X					2)F5T1	40		LITHONIA #F2ESW2G	
G	X					2)F96T12	150		LITHONIA #DM296120ES	
H				X		1)250 HPS	295		STERNER #EX20A103N250S120SSS19PCN	
I	X					3)F40T12	115		LITHONIA #AW340AR120ES	
J	X					2)F40T12	75		ALKCO #3246ES120	
K		X				1)100A21	100		LITHONIA #A7MB	
L		X				2)F26DTT	75		LITHONIA #AF26QT7AR120	
M	X					2)F40T12	75		LITHONIA #WC240A12120	
N	X					1)150A21	150		LEVITON #9816-C	
O						2)F40T12				
P	X					1)175 MH	200		PRESCOLITE #HD13P06-W-120	
Q	X	X				1)70 HPS	90		LITHONIA #LGH70S9RWCHL120	
R	X					1)70 HPS	90		SYLVANIA #BK70HPS	
S	X					2)60A19	120		PRESCOLITE #WB-18-2-100W	
T	X					1)100 MH	115		PRESCOLITE #HD10P13-W-120	
U						2)60 A19	120		LITHONIA #S12	
V	X	X				1)100A21	100		LITHONIA #A7AR	
W	X					2)F40BX	150		NORTHERN LIGHT SPAM-A-24BX-24BX-9120	
X	X					2)F40T12	75		NORTHERN LIGHT SSAM-AJ-24R-1-120	
Y										
Z										
AA										

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Revisions

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ELECTRICAL
SCHEDULES

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