## ELECTRICAL LEGEND

LP-1,3 **◄<++++•** 

HOMERUN TO PNLBRD - ARROWS INDICATE NUMBER OF CIRCUITS. CROSS LINES INDICATE NUMBER OF CONDUCTORS OTHER THAN TWO (PROVIDE NUMBER OF WIRES REQUIRED TO ALLOW SWITCHING SHOWN - E10 SERIES LIGHTING DRAWINGS).

CIRCUIT NUMBER(S)

PANEL DESIGNATION

WIRING CONCEALED IN WALL OR CEILING

WIRING IN RACEWAY CONCEALED UNDER FLOOR/UNDER GROUND \_\_\_\_\_

2'x2' RECESSED LIGHTING FIXTURE

 $\bigoplus$ 

2'x4' RECESSED LIGHTING FIXTURE

RECESSED DOWNLIGHT

WALL MOUNTED LIGHTING FIXTURE

SINGLE POLE SWITCH - MOUNT C/L UP 48" UNLESS NOTED OTHERWISE - WHERE SHOWN AT EQUIPMENT IN

FINISHED AREAS CONCEAL IN EQUIPMENT ENCLOSURE

0-10V DIMMER SWITCH - MOUNT C/L UP 48" UNLESS NOTED OTHERWISE

OCCUPANCY SENSOR AND POWER PACK - PROVIDE NUMBER OF POWER PACKS REQUIRED TO ALLOW FOR NUMBER OF

OCCUPANCY SENSORS AND SWITCHING INDICATED

SUBLETTER INDICATES SWITCH CONTROL (WHERE USED)

LETTER ADJACENT TO SYMBOL INDICATES SPECIAL MOUNTING DESIGNATION - SEE ITEM DESCRIPTIONS BELOW

DUPLEX CONVENIENCE RECEPTACLE - MOUNT C/L UP 24" UNLESS NOTED OTHERWISE ON PLANS - "A" INDICATES MOUNT C/L UP 6" ABOVE COUNTER OR BACKSPLASH - C/L 48" WHERE NOT LOCATED AT A COUNTER

- "TR" INDICATES TAMPER RESISTANT

DOUBLE DUPLEX CONVENIENCE RECEPTACLE - MOUNT C/L UP 24" UNLESS NOTED OTHERWISE ON PLANS - "A" INDICATES MOUNT C/L UP 6" ABOVE COUNTER OR BACKSPLASH - C/L 48" WHERE NOT LOCATED AT A COUNTER

GFCI DUPLEX CONVENIENCE RECEPTACLE - MOUNT C/L UP 24" UNLESS NOTED OTHERWISE ON PLANS - "A" INDICATES MOUNT C/L UP 6" ABOVE COUNTER OR BACKSPLASH - C/L 48" WHERE NOT LOCATED AT A COUNTER

GFCI DOUBLE DUPLEX CONVENIENCE RECEPTACLE - MOUNT C/L UP 24" UNLESS NOTED OTHERWISE ON PLANS -"A" INDICATES MOUNT C/L UP 6" ABOVE COUNTER OR BACKSPLASH - C/L 48" WHERE NOT LOCATED AT A

COUNTER

SPECIAL RECEPTACLE - COORDINATE NEMA CONFIGURATION AND MOUNTING WITH FURNISHED EQUIPMENT UNLESS

FLOOR BOX - SEE DETAIL FOR INSTALLATION REQUIREMENTS

DATA OUTLET - JUNCTION BOX WITH SINGLE GANG RAISED RING AND ONE 1" CONDUIT TO ABOVE AN ACCESSIBLE CIELING WITH ONE CAT6 CABLE RUN TO DATA RACK AND TERMINATED AT PATCH PANEL - MOUNT

UP SAME AS ASSOCIATED RECEPTACLE UNLESS NOTED OTHERWISE.

DATA OUTLET - JUNCTION BOX WITH SINGLE GANG RAISED RING AND ONE 1" CONDUIT TO ABOVE AN ACCESSIBLE CEILING WITH TWO CAT6 CABLES RUN TO DATA RACK AND TERMINATED AT PATCH PANEL - MOUNT UP SAME AS ASSOCIATED RECEPTACLE UNLESS NOTED OTHERWISE

VIDEO OUTLET - JUNCTION BOX WITH SINGLE GANG RAISED RING AND ONE 1" CONDUIT TO ABOVE AN ACCESSIBLE CEILING

JUNCTION BOX

DISCONNECT SWITCH

FUSED DISCONNECT SWITCH

PANELBOARD - 120/208V

FIRE ALARM CONTROL PANEL

FIRE ALARM MANUAL PULL STATION - MOUNT C/L UP 48"

FIRE ALARM HORN / LIGHT UNIT - CANDLE POWER (CD) PER NFPA 72 AND AS NOTED - 15/75 WHERE NOT

FIRE ALARM STROBE LIGHT UNIT - CANDLE POWER (CD) PER NFPA 72 AND AS NOTED - 15/75 WHERE NOT

OTHERWISE INDICATED ON PLANS - MOUNT C/L UP 90" ON WALL

FIRE ALARM STROBE LIGHT UNIT - CANDLE POWER (CD) PER NFPA 72 AND AS NOTED - 15/75 WHERE NOT OTHERWISE INDICATED ON PLANS - CEILING MOUNTED

OTHERWISE INDICATED ON PLANS - MOUNT C/L UP 90" ON WALL

FIRE ALARM SMOKE DETECTOR - CEILING MOUNTED - COORDINATE EXACT LOCATION WITH MECHANICAL

DIFFUSERS AND GRILLES - DO NOT LOCATE WITHIN 5 FEET OF A MECHANICAL DIFFUSER OR GRILLE FIRE ALARM ADDRESSABLE INPUT MODULE

FIRE ALARM ADDRESSIBLE OUTPUT MODULE

INTERFACE RELAY AS REQUIRED BY LOAD OF CIRCUIT BEING CONTROLLED BY FIRE ALARM ADDRESSIBLE

OUTPUT MODULE

FIRE ALARM TAMPER SWITCH

FIRE ALARM FLOW SWITCH

SECURITY SYSTEM CARD READER LOCATION

SECURITY SYSTEM MAGNETIC DOOR SWITCH LOCATION

SECURITY SYSTEM ELECTRIC DOOR STRIKE LOCATION

EXIT SIGN WITH ARROWS AS INDICATED OR HATCH INDICATES FACE - CEILING MOUNTED

EXIT SIGN WITH ARROWS AS INDICATED OR HATCH INDICATES FACE - WALL MOUNTED DIRECTLY ABOVE DOOR

**EMERGENCY BATTERY UNIT** 

EMERGENCY BATTERY UNIT REMOTE HEAD

KEYNOTE TAG

WEATHER PROOF

LIGHTING CONTROL SCHEDULE												
RELAY	SWITCH CONTROL			PHOTOCELL	TIME OF DAY		DIMMING	CIRCUIT		REMARKS		
#	ON/OFF	OFF Only	MAS	TER	(PC) CONTROL	(TOD) CONTROL		REQUIRED	CONTROLLED		<del></del>	
R1	\$ <sub>LV1</sub>	\$LV-	\$LVM1	ON/OFF	NO	YES	ON - 7AM OFF - 7PM	NO	P2A-90	678W	Corridor #151	
R2	\$ <sub>LV2</sub>	\$LV-	\$LVM1	ON/OFF	NO	YES	ON - 7AM OFF - 7PM	NO	P2A-90	176W	Corridor #139	
R3	\$LV-	\$LV-	\$LVM-	ON/OFF	NO	YES	ON - 7AM OFF - 7PM	NO	P2A-92	880W	Treatment Rooms	
R4	\$ <sub>LV</sub> -	\$LV-	\$LVM2	ON/OFF	YES		ON - DUSK OFF - DAWN	NO	P2A-94	20W	Exterior Canopy	



		LIGHTING  ALL FIXTURES SHALL BE F  LAMPS, HANGERS, FITTINGS, ET	URNISHED CO	MPLETE V	VITH AL	.L HARDW						
	<u> </u>	LAMI 3, HANGERS, HITHINGS, ET	10.10174001		T		AMPS					
TYPE	MANUFACTURER	CATALOG NO.	MTG.	VOLT	NO.	WATT	TYPE	REMARKS/BALLAST INFORMATION				
	4" LED DOWNLIGHT - RECESS	ED										
Α	LIGHTOLIER	C4L10-DL-35K-CCL-W	R	120		20	LED	PROVIDE WITH FRAME-IN KIT				
	APPROVED EQUAL		.,			_~		C4L10-N-120				
A1	4" LED DOWNLIGHT - DIMMABLE  LICHTOLIER COLUMN DE 25K COLU											
	LIGHTOLIER	C4L10-DL-35K-CCL-W	R	120		30	LED	PROVIDE WITH FRAME-IN KIT				
	APPROVED EQUAL							C4L15-N-120-Z10V				
_	ED 4' LENSED STRIPLIGHT											
В	COLUMBIA	LCL-4-35-LW-E-UNV	s	120	LED	25	LED					
<b>5</b> .4	LED 2' LENSED STRIPLIGHT	1 101 0 05 14 5 144		ı	1		Lies					
B1	COLUMBIA	LCL-2-35-ML-E-UNV	s	120	LED	25	LED					
•	2x2 LED VOLUMETRIC	L CATOO OSAN C ED	ı	T	T		Lien					
С	HUBBELL	LCAT22-35MLG-ED-U	R	120		30	LED					
	APPROVED EQUAL											
	2x2 LED VOLUMETRIC	1		1	1	1	T					
C1	HUBBELL	LCAT22-35MWG-ED-U	R	120		22	LED					
	APPROVED EQUAL											
	2x1 LED SURFACE WRAP			ı			_					
D	METALUX	2WNLED-LD4-32SL-F-UNV-L835-CD1	s	120		28	LED					
	APPROVED EQUAL		ŭ	120								
	DECORATIVE CFL PENDANT											
Е	EUREKA	4211-TF-CF.D.18-120V-C-RC-SC-WLT	Р	120		18W	18W G24Q2					
	APPROVED EQUAL		'	120		1011						
	LED 19.25" UNDERCABINET LIC	GHT										
	COLOR KINETICS	523-000027-61					LED	PROVIDE WIRING COMPARTMENT AND TERMINATOR				
F	APPROVED EQUAL		s	120				AND ALL MOUNTING HARDWARE AS REQUIRED.				
				120								
	1x4 LED SURFACE WRAP											
G	METALUX	4WNLED-LD4-40SL-F-UNV-L835-CD1	s	120			LED					
	APPROVED EQUAL		3	120								
	LED VANITY LIGHT											
Н	FINELITE	S17-LED-ACF-PF-2-S-8-35-120-SC	s	120		3.6W/FT	LED					
	APPROVED EQUAL		3	120		3.000/1						
	LED CANOPY LIGHT											
	HUBBELL	FLED-R-24-7-UNV-CVQ-3-WH		120		20	LED					
J	KENALL	MR17FFL-PP-MW-15L40K-120	R									
	APPROVED EQUAL											
	2x4 LED VOLUMETRIC											
K	HUBBELL	LCAT24-35MLG-EDU	Б	400		40	LED					
	APPROVED EQUAL		R	120		40						
	2x4 LED VOLUMETRIC											
K1	HUBBELL	LCAT24-35LWG-EDU		400		40	LED					
	APPROVED EQUAL		R	120		40						
	2x4 LED VOLUMETRIC	•	<u> </u>		•	•		<del>.</del>				
K5	HUBBELL	LCAT24-50LWG-EDU		<u> </u>	Ī		LED					
-	APPROVED EQUAL	-	R	120		40						
	2x4 LED VOLUMETRIC	l .		<u> </u>	1	<u> </u>	1					
K51	HUBBELL LCAT24-50MWG-EDLI											
		ESTIZE CONTROLLO	R	120		33						
	APPROVED EQUAL											







## HARRIMAN

AUBURN PORTLAND MANCHESTER

## COMMUNITY DENTAL

PORTLAND

180 Park Avenue Portland, ME Harriman Project No. Key Plan



	es and Nevisio		
Mark	Date	Description	
	07-03-16	PROGRESS	

## **PRELIMINARY** NOT FOR CONSTRUCTION

Drawing Scales	
PA / PE: JWT  Drawn By: JWT	© 2016 Harriman Associates

**ELECTRICAL** LEGEND & SCHEDULES

E00.1