

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).
- CIRCUIT NUMBER(S)
- PANEL DESIGNATION
- 2x2 LIGHT FIXTURE
- 4' LIGHTING FIXTURE
- SURFACE MOUNTED LIGHTING FIXTURE
- RECESSED MOUNTED LIGHTING FIXTURE
- WALL MOUNTED LIGHT FIXTURE
- SINGLE POLE SWITCH MOUNTED CIL UP 48" AFF
- SINGLE POLE THREE WAY SWITCH CIL UP 48" AFF
- DIMMER SWITCH MOUNTED CIL UP 48" AFF
- LOW VOLTAGE SWITCH - SUBLETTER INDICATES SWITCH CONTROL
- CEILING MOUNTED OCCUPANCY SENSOR
- PHOTOCCELL
- DAYLIGHT SENSOR
- DUPLEX RECEPTACLE MOUNTED CIL UP 24" AFF
- QUAD DOUBLE DUPLEX RECEPTACLE MOUNTED CIL UP 24" AFF
- GFI DUPLEX RECEPTACLE MOUNTED CIL UP 24" AFF
- DUPLEX RECEPTACLE MOUNTED CIL UP 48" OR ABOVE COUNTER/BACKSPASH
- SWITCHED DUPLEX RECEPTACLE MOUNTED CIL UP 24" AFF
- SPECIAL OUTLET MOUNTED CIL UP 24" AFF - SIZE BASED ON LOAD AND OVERCURRENT PROTECTION
- PROVISIONS FOR TEL/DATA OUTLET
- PROVISIONS FOR WALL MOUNTED TELEPHONE
- PROVISIONS FOR TEL/DATA OUTLET MOUNTED ABOVE COUNTER/BACKSPASH
- JUNCTION BOX
- FUSED DISCONNECT
- UNFUSED DISCONNECT
- MANUAL MOTOR STARTER OR APPLIANCE CONTROL
- MOTOR STARTER
- EMERGENCY POWER OFF (EPO) BUTTON
- MOTOR
- CONTROL PANEL
- VARIABLE FREQUENCY DRIVE
- LOW VOLTAGE LIGHTING CONTROL PANEL
- PANELBOARD
- DRY TYPE TRANSFORMER
- AUTOMATIC TRANSFER SWITCH
- TELECOMMUNICATIONS BACKBOARD
- FIRE ALARM CONTROL PANEL
- VOICE EVAC CONTROL PANEL
- FIRE ALARM MANUAL PULL STATION - MOUNTED CIL UP 48"
- FIRE ALARM HORN/LIGHT UNIT - CANDLE POWER (CD) PER NFPA 72 AND AS NOTED - 15/75 WHERE NOT OTHERWISE INDICATED ON PLANS - MOUNTED BOTTOM OF STROBE UP 80" ON WALL
- FIRE ALARM STROBE LIGHT UNIT - CANDLE POWER (CD) PER NFPA 72 AND AS NOTED - 15/75 WHERE NOT OTHERWISE INDICATED ON PLANS - MOUNTED BOTTOM OF STROBE UP 80" ON WALL
- FIRE ALARM HORN UNIT
- FIRE ALARM ADDRESSABLE INPUT MODULE
- FIRE ALARM WALL OR CEILING MOUNTED SMOKE DETECTOR
- FIRE ALARM CEILING MOUNTED HEAT DETECTOR
- FIRE ALARM CARBON MONOXIDE SENSOR - WALL MOUNTED
- FIRE ALARM FLAMMABLE GAS DETECTOR - WALL MOUNTED
- MAGNETIC DOOR HOLDER
- CEILING MOUNTED EXIT SIGN WITH ARROWS AS INDICATED
- WALL MOUNTED EXIT SIGN WITH ARROWS AS INDICATED OR HATCH INDICATES FACE - WALL MOUNTED DIRECTLY ABOVE DOOR
- EMERGENCY LIGHTING BATTERY UNIT
- EMERGENCY LIGHTING REMOTE HEAD
- PILOT LIGHT - CEILING MOUNTED
- KEYNOTE TAG
- WP INDICATES WEATHER PROOF
- EXISTING ITEMS SHOWN DASHED

GENERAL NOTES

GENERALLY THE INTENT IS TO COMPLETELY REMOVE ALL ELECTRICAL ITEMS AND EQUIPMENT FROM THE BUILDING. THIS INCLUDES ALL ASSOCIATED WIRING, HARDWARE AND ACCESSORIES. WHERE ITEMS ARE INDICATED TO REMAIN RECONNECT AND REWIRE AS REQUIRED FOR PROPER OPERATION.

THE INTENT OF THE EXISTING CONDITIONS PLANS IS TO DOCUMENT EXISTING CONDITIONS. HOWEVER, ALL ELECTRICAL DEVICES AND ITEMS MAY NOT NECESSARILY BE INDICATED ON THE DRAWINGS. FIELD VERIFY AND ADJUST WORK TO SUIT ALL FOUND.

REFER TO ELECTRICAL PLANS TO DETERMINE EXTENT OF WORK IN EACH AREA, INCLUDING WHETHER DEVICES ARE TO REMAIN, BE REMOVED, REPLACED, ETC.. EXCEPT AS NOTED, GENERALLY THE INTENT IS THAT IF EXISTING DEVICES ARE SHOWN ON THE EXISTING CONDITIONS PLANS AND NEW DEVICES ARE SHOWN ON THE ELECTRICAL PLANS THEN EXISTING DEVICES SHALL BE REMOVED. IF EXISTING DEVICES ARE SHOWN ON BOTH THEN EXISTING DEVICES SHALL REMAIN.

ALL EXISTING ITEMS INTENDED FOR REMOVAL SHALL BE COMPLETELY REMOVED WITH ALL ASSOCIATED HARDWARE INCLUDING, BUT NOT LIMITED TO: CONDUIT, BOXES, WIRING, CABLES, HANGERS, ETC..

COORDINATE WITH OTHER TRADES FOR MECHANICAL AND PLUMBING EQUIPMENT TO BE REMOVED. REMOVE ALL ASSOCIATED CONDUIT, BOXES, WIRING, ETC...

CONDUIT IN GOOD CONDITION, PROPERLY LOCATED AND SIZED MAY BE REUSED WHERE APPLICABLE. UNLESS NOTED OTHERWISE.

IN AREAS NOT RENOVATED BY THIS CONTRACT VERIFY THAT ELECTRICAL POWER AND SYSTEMS ARE NOT AFFECTED BY THE ALTERATIONS. PROVIDE ALL WORK AS REQUIRED TO MAINTAIN POWER AND PROPER OPERATION OF SYSTEMS.

NOTES	
-	REF: -

B2

LIGHTING FIXTURE SCHEDULE

ALL FIXTURES SHALL BE FURNISHED COMPLETE WITH ALL HARDWARE LAMPS, HANGERS, FITTINGS, ETC. FOR A COMPLETE AND PROPER INSTALLATION

TYPE	MANUFACTURER	CATALOG NO.	MTG.	VOLT	LAMPS			REMARKS/BALLAST INFORMATION	
					NO.	WATT	TYPE		
A	LED HIGH BAY FIXTURE								
	LITHONIA	IBL-18L-WD-SD125-120-LP740DLC						CHAIN MOUNT BELOW BAR JOIST APPROX 20' AFF. COORDINATE WITH STRUCTURE	
	PHILIPS DAY-BRITE	FBX-20L-L-40-UNV-W-LCA	P	120	LED	197	LED		
	METALLUX	HLLED-LD3-18-W-UNV-L850-ED2-U							
COLUMBIA	LLHV4-40M-WST-EDU								
A1	LED HIGH BAY FIXTURE WITH EMERGENCY BATTERY PACK								
	LITHONIA	IBL-18L-WD-SD125-120-LP740DLC-I2412						CHAIN MOUNT BELOW BAR JOIST APPROX 20' AFF. COORDINATE WITH STRUCTURE	
	PHILIPS DAY-BRITE	FBX-20L-L-40-UNV-W-LCA-EMLED	P	120	LED	197	LED		
	METALLUX	HLLED-LD3-18-W-UNV-L850-EL14-ED2-U							
COLUMBIA	LLHV4-40M-WST-EDU-ELL14								
B	LED RECESSED 2x2 FIXTURE								
	FINELITE	HPR-A-2x2-DCO-LED-SO-3500K-120-SC-C1		R	120	LED	35	LED	
C	4' LED INDUSTRIAL FIXTURE								
	LITHONIA	FEM4LED-4L35-IMAFD-120		S	120	LED	61	LED	
D	4' LED SURFACE FIXTURE								
	LITHONIA	WL4-41L-D43-LP835-NX		S	120	LED	43	LED	
E	LED FULL CUT-OFF WALLPACK WITH BATTERY PACK								
	SPAULDING LIGHTING	LMC-30LU-4K-3-03S-*BBU277		W	120	LED	43	LED	* - FINISH BY ARCHITECT
	APPROVED EQUAL								
APPROVED EQUAL									
E1	LED FULL CUT-OFF WALLPACK								
	SPAULDING LIGHTING	LMC-30LU-4K-4-*		W	120	LED	71	LED	* - FINISH BY ARCHITECT
	APPROVED EQUAL								
APPROVED EQUAL									
F	4' LED STRIPLIGHT								
	LITHONIA	ZL1N-L48-5000LM-FST-MVOLT-35K-80CRI-WH		S	MVOLT	LED	42	LED	

LIGHTING FIXTURE SCHEDULE	
-	REF: -

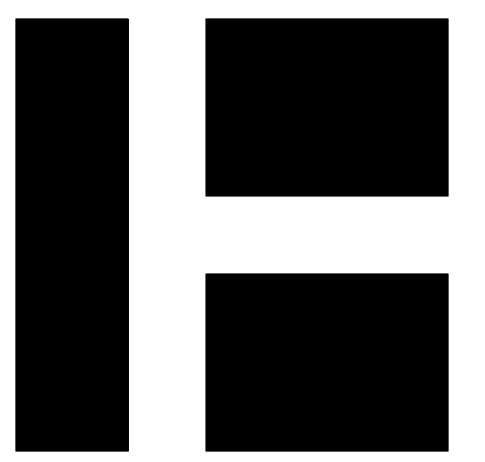
B1

LEGEND	
-	REF: -

A2

NOT USED	
-	REF: -

A1



HARRIMAN

AUBURN PORTLAND MANCHESTER

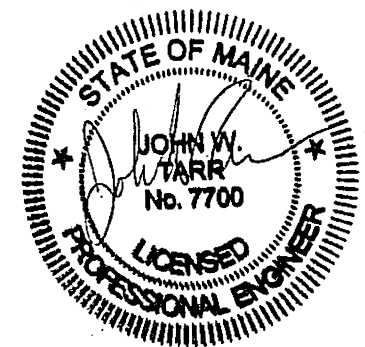
UNIVERSITY OF SOUTHERN MAINE CENTRAL HEAT PLANT UPGRADES

PORTLAND, ME

Harriman Project No. 14411

Key Plan

Issues and Revisions		
Mark	Date	Description
-	08-25-14	REVISED SCHEMATIC DESIGN
-	09-05-14	DESIGN DEVELOPMENT
-	09-19-14	PROGRESS REVIEW
-	09-26-14	PROGRESS REVIEW
-	10-03-14	PROGRESS REVIEW
-	10-10-14	FINAL REVIEW
-	10-23-14	100% REVIEW
-	10-31-14	ISSUED FOR BID



Drawing Scales

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ELECTRICAL LEGEND, NOTES AND SCHEDULES

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