

# ELECTRICAL LEGEND

- LP-1,3 ←←HH→
- 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
- 2'X2' RECESSED LIGHTING FIXTURE
- RECESSED DOWNLIGHTING FIXTURE
- RECESSED DOWNLIGHTING FIXTURE WITH EMERGENCY BATTERY BALLAST
- RECESSED WALL WASH DOWNLIGHTING FIXTURE
- SURFACE MOUNTED WALL SCONCE FIXTURE
- SINGLE POLE SWITCH - MOUNTED C/L UP 48" UNLESS NOTED OTHERWISE - SUBLETTER INDICATES SWITCH CONTROL
- OCCUPANCY SENSOR AND POWER PACK - PROVIDE NUMBER OF POWER PACKS REQUIRED TO ALLOW FOR NUMBER OF OCCUPANCY SENSORS AND SWITCHING SHOWN - WATTSTOPPER DT-300
- WALL MOUNTED OCCUPANCY SENSOR AND POWER PACK - PROVIDE NUMBER OF POWER PACKS REQUIRED TO ALLOW FOR NUMBER OF OCCUPANCY SENSORS AND SWITCHING SHOWN - WATTSTOPPER
- WALLBOX OCCUPANCY SENSOR
- JUNCTION BOX
- DUPLEX RECEPTACLE
- DUPLEX RECEPTACLE - CEILING MOUNTED
- DATA OUTLET - PROVIDE 4"x4" JUNCTION BOX WITH 1" CONDUIT TO 6" ABOVE DROP CEILING
- WALL MOUNTED TELEPHONE OUTLET - PROVIDE 4"x4" JUNCTION BOX WITH 1" CONDUIT TO 6" ABOVE DROP CEILING
- CEILING MOUNTED PUBLIC ADDRESS SPEAKER
- EXISTING PANELBOARD
- FIRE ALARM SPEAKER/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 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 SMOKE DETECTOR - CEILING MOUNTED
- EXISTING ITEMS SHOWN DASHED

## 2 LEGEND

SCALE: NO SCALE

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	WHITE FLUORESCENT LINEAR WALL WASH FIXTURE, 1-LAMP FOCAL POINT	FAVA-CL-1T5HO-1C-120-S-G1-WH-4'	R	120	1	54W	T5HO 3500K	ELECTRONIC BALLAST	
B	SATIN ALUMINUM LED PUCK DISPLAY CASE FIXTURE CREATIVE SYSTEMS LIGHTING PPL-SA		R	120	LED	4.5W	LED		
C	FLUORESCENT 6" WALL WASH DOWNLIGHT FIXTURE, 1-LAMP JUNO	CV6-126/32T-600C-WWS-WH	R	120	1	32W	TRIPLE 3500K	ELECTRONIC BALLAST	
D	LEDge SERIES LED DISPLAY CASE LINEAR FIXTURE IO LIGHTING	0-09-I-3KHO-NG-1-60"-2	S	120	LED		LED	PROVIDE 5 LINEAR FEET VERTICALLY MOUNTED ON RIGHT AND LEFT (10LF TOTAL)	
E	LED EXIT SIGN WITH RED LETTERS AND EMERGENCY BATTERY HUBBELL COMPASS	CSXWREB3	S	120	LED	LED	LED LED		
F	6" FLUORESCENT DOWNLIGHT WITH WHITE REFLECTOR KIRLIN	IC-FRR-06014	R	120	1	42W	TRIPLE LED		
F1	SAME AS TYPE 'F' EXCEPT WITH EMERGENCY BATTERY BALLAST KIRLIN	IC-FRR-06014-73	R	120	1	42W	TRIPLE LED		
EX1	EXISTING FLUORESCENT COVE LIGHT FIXTURE TO BE REUSED FROM EXISTING BOUTIQUE LOCATION EXISTING		S	120	EXIST	EXIST	EXIST 3500K	CLEAN RELAMP AND REBALLAST FIXTURE FOR 120V OPERATION	
EX2	EXISTING 2'x2' FLUORESCENT PERFORATED FIXTURE TO BE REUSED FROM EXISTING BOUTIQUE LOCATION EXISTING		R	120	EXIST	EXIST	EXIST 3500K	CLEAN RELAMP AND REBALLAST FIXTURE FOR 120V OPERATION	
EX3	EXISTING FLUORESCENT WALL SCONCE FIXTURE WITH PERFORATED SIDES TO BE REUSED FROM EXISTING BOUTIQUE LOCATION SCOTT ARCH. LIGHTING		S	120	EXIST	EXIST	EXIST 3500K	CLEAN RELAMP AND REBALLAST FIXTURE FOR 120V OPERATION	
EX4	EXISTING FLUORESCENT CYLINDER WALL SCONCE FIXTURE TO BE REUSED FROM EXISTING BOUTIQUE LOCATION DAVIS MULLER		S	120	EXIST	EXIST	EXIST 3500K	CLEAN RELAMP AND REBALLAST FIXTURE FOR 120V OPERATION	

## 3 LIGHTING FIXTURE SCHEDULE

SCALE: NO SCALE

### GENERAL NOTES

- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH THE LATEST EDITION OF NFPA 70, NATIONAL ELECTRICAL CODE (NEC), OSHA REGULATIONS, AS WELL AS APPLICABLE REGULATIONS OF THE PERTINENT FEDERAL, STATE, COUNTY, AND CITY AGENCIES. PROVIDE MATERIALS AND EQUIPMENT THAT COMPLY WITH ANSI, IEEE, IES, AND NEMA STANDARDS. WHERE APPLICABLE, PROVIDE ONLY MATERIALS THAT ARE U.L. LISTED AND LABELED.
- THE ELECTRICAL SUBCONTRACTOR SHALL VISIT THE SITE AND INSPECT EXISTING CONDITIONS, SERVICES, CONDUITS, SPATIAL CONSIDERATIONS AND ALL OTHER PERTINENT CONDITIONS TO FULLY FAMILIARIZE HIMSELF WITH CONDITIONS TO BE ENCOUNTERED IN THE PERFORMANCE OF THIS WORK. THE ELECTRICAL SUBCONTRACTOR SHALL COORDINATE THIS WORK WITH THE GENERAL CONTRACTOR DURING CONSTRUCTION. FAILURE TO DO SO WILL NOT RELIEVE THE ELECTRICAL SUBCONTRACTOR OF THE RESPONSIBILITY FOR FULL COMPLETION OF THE WORK IN ACCORDANCE WITH APPLICABLE DRAWINGS AND SPECIFICATIONS. VERIFY EXISTING SYSTEMS THAT WILL BE UTILIZED FOR CONNECTION TO THE NEW SYSTEM. IF DISCREPANCIES EXIST BETWEEN THE CONTRACT DRAWINGS AND THE ACTUAL EXISTING CONDITIONS, THE ELECTRICAL SUBCONTRACTOR SHALL NOTIFY THE ENGINEER/OWNER PRIOR TO PROCEEDING WITH THE INSTALLATION.
- CONDUIT RUNS ARE SHOWN DIAGRAMATICALLY. INSTALL CONDUIT WITH A MINIMUM OF BENDS IN THE SHORTEST PRACTICAL DISTANCE CONSIDERING THE BUILDINGS CONSTRUCTION AND OBSTRUCTIONS, EXCEPT WHERE OTHERWISE NOTED.
- ALL MOTOR SAFETY SWITCHES, DISCONNECTS AND MOTOR STARTERS THAT ARE NOT PROVIDED BY OTHER DIVISIONS, SHALL BE PROVIDED BY DIVISION 26, UNLESS SPECIFICALLY NOTED OTHERWISE.
- ALL PENETRATIONS THROUGH FIRE-RATED FLOORS, WALLS AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF THE SEPARATION.
- NOT USED.
- UNLESS OTHERWISE NOTED, WIRING SHALL BE #12 AWG CONDUCTORS & #12 GND. HOMERUNS FED FROM 20A. SINGLE POLE CIRCUITS IN EXCESS OF 100 FEET SHALL BE #10 AWG UNLESS INDICATED OTHERWISE. INSULATION TYPE SHALL BE THHN/TW/N, 75 DEG. C, AND 600V CLASS UNLESS SPECIFIED OTHERWISE.

### GENERAL NOTES (CON'T)

- FLEXIBLE CONNECTIONS TO MOTORS SHALL BE FLEXIBLE LIQUID TIGHT CONDUIT.
- UNLESS OTHERWISE NOTED, ALL WIRING SHALL BE 600V, COPPER WITH THHN-TW/N INSULATION.
- ALL GENERAL NOTES, SYMBOLS, LISTS, ABBREVIATIONS AND DETAILS ARE TO BE CONSIDERED APPLICABLE TO ALL ELECTRICAL DRAWINGS FOR THIS PROJECT.
- WHERE A DISCREPANCY OCCURS BETWEEN THE DRAWINGS AND THE SPECIFICATIONS, THE SPECIFICATIONS SHALL PREVAIL. CONTACT THE ENGINEER FOR CLARIFICATION WHEN SUCH A SITUATION OCCURS.
- WHERE MATERIAL IS CALLED OUT IN THE LEGEND BY MANUFACTURER, TYPE OR CATALOG NUMBER, SUCH DESIGNATIONS ARE TO ESTABLISH STANDARDS OR DESIRED QUALITY. ACCEPTANCE OR REJECTION OF THE PROPOSED SUBSTITUTIONS SHALL BE SUBJECT TO THE APPROVAL OF THE OWNER.
- REFER TO ARCHITECTURAL DRAWINGS FOR EXACT LOCATION OF EQUIPMENT, DEVICES, AND FURNITURE REQUIREMENTS, PRIOR TO ROUGHING IN FOR SAME.
- IN AREAS AFFECTED BY THIS RENOVATION, THE ELECTRICAL SUBCONTRACTOR SHALL MAINTAIN CONTINUITY OF EXISTING ELECTRICAL SERVICE.
- PRIOR TO REMOVAL OF EQUIPMENT, THE OWNER WILL INDICATE WHICH EXISTING DEVICES OR MATERIALS SHALL BE SALVAGED AND TURNED OVER FOR STORAGE.
- WHERE EXISTING EQUIPMENT AND DEVICES ARE TO BE RELOCATED, ALL ASSOCIATED WIRING, CONDUIT AND ACCESSORIES SHALL BE EXTENDED, RELOCATED OR REPLACED WHERE REQUIRED.
- WHERE IT IS INDICATED THAT EXISTING WIRING IS TO BE REUSED, THE ELECTRICAL SUBCONTRACTOR SHALL VERIFY THAT THE INTEGRITY OF THE INSULATION IS ADEQUATE FOR REUSE. ALL SUSPECT WIRING SHALL BE REPLACED BY THE SUBCONTRACTOR.

JUNCTION BOX IDENTIFICATION COLOR CODE CHART		
FIRE ALARM	---	RED
SIGNAL (NURSE CALL, PA)	---	PURPLE
AUDIO VISUAL	---	WHITE
480V	---	BROWN
277V	---	ORANGE
120V	---	BLUE
208V	---	BLACK

## 1 NOTES & LEGEND

SCALE: NO SCALE

### LIGHTING FIXTURE NOTES

- THE ELECTRICAL CONTRACTOR SHALL FURNISH ALL LIGHTING FIXTURES COMPLETE WITH MOUNTING ACCESSORIES TO MEET JOB REQUIREMENTS.
- THE ELECTRICAL CONTRACTOR SHALL VERIFY FIXTURE MOUNTING AND LOCATION AGAINST PLANS, ELEVATIONS, AND DETAIL DRAWINGS. EXACT LOCATION OF ALL FIXTURES SHALL BE CONFIRMED WITH THE ARCHITECT PRIOR TO ROUGHING IN.
- FIXTURE LETTERS SHOWN ON A CONTINUOUS ROW OF FIXTURES SHALL BE TYPICAL FOR THAT ROW UNLESS OTHERWISE NOTED.
- ALL FIXTURES SHALL BE SUPPORTED FROM THE BUILDING STRUCTURE, INDEPENDENT OF HUNG CEILINGS.
- ALL FLUORESCENT FIXTURES SHALL BE ENERGY SAVING TYPE.
- ALL FLUORESCENT FIXTURES SHALL HAVE ELECTRONIC BALLASTS - U.L. APPROVED AS A COMBINATION WITH ENERGY SAVING LAMPS SUPPLIED.
- ALL FLUORESCENT LAMPS ARE TO BE STANDARD COLOR 3500K UNLESS OTHERWISE NOTED.
- ALL LIGHT FIXTURES SHALL MEET UTILITY COMPANY INCENTIVE REQUIREMENTS. INCENTIVE FORMS SHALL BE COMPLETED BY ELECTRICAL CONTRACTOR. ALL INCENTIVES SHALL BE PAID DIRECTLY TO OWNER.
- OCCUPANCY SENSOR SHALL CONTROL THE LIGHTING CIRCUIT SERVING THE ROOM AHEAD OF SWITCH CONTROLS. PROVIDE POWER PACKS AS REQUIRED FOR A FULLY FUNCTIONING SYSTEM.
- ALL LIGHT FIXTURES INDICATED TO BE REUSED SHALL BE CLEANED, RELAMPED AND REBALLASTED. NEW BALLAST SHALL BE UNIVERSAL VOLTAGE OR 120V.

### FIRE ALARM SYSTEM NOTES

- MODIFY THE EXISTING HONEYWELL MAIN FIRE ALARM CONTROL PANEL TO ACCOMMODATE THE NEW DEVICES INDICATED. PROVIDE NEW ZONES (IDENTIFY AS REQUIRED), NEW CONTACTS, ADDITIONAL POWER SUPPLIES AND ALL OTHER ACCESSORIES FOR A COMPLETE AND OPERATIONAL SYSTEM.
  - PROVIDE NEW FIRE ALARM SMOKE DETECTORS WHERE INDICATED.
  - PROVIDE NEW FIRE ALARM SPEAKER/STROBES WHERE INDICATED.
  - PROVIDE NEW FIRE ALARM STROBES WHERE INDICATED.
- REFER TO ELECTRICAL DRAWINGS FOR QUANTITIES AND LOCATIONS OF ALL FIRE ALARM DEVICES ASSOCIATED WITH FIRE PROTECTION SYSTEMS.



AUBURN PORTLAND MANCHESTER

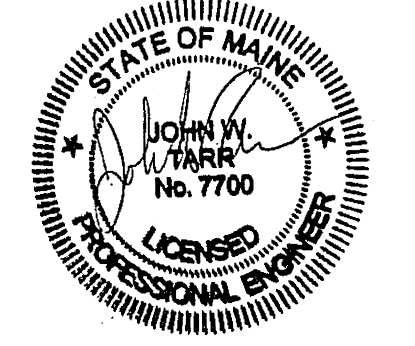
## MAINE MEDICAL CENTER BOUTIQUE RELOCATION

PORTLAND, MAINE

Harriman Project No. 14428

Key Plan Prj North

Issues and Revisions		
Mark	Date	Description
--	07-11-2014	ISSUED FOR CONSTRUCTION



Drawing Scales

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## ELECTRICAL LEGENDS, NOTES & SCHEDULES

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