

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
- WIRING IN RACEWAY CONCEALED UNDERGROUND
- EXISTING WIRING
- LIGHTING
- RECESSED 2' X 4'
- RECESSED 2' X 2'
- RECESSED 2' X 2' LIFE SAFETY
- RECESSED DOWN LIGHTING
- RECESSED DOWN LIGHTING LIFE SAFETY
- SURFACE MOUNTED 1' X 8'
- SURFACE MOUNTED 1' X 8' LIFE SAFETY
- SINGLE POLE SWITCH - MOUNTED C/L UP 48" UNLESS NOTED OTHERWISE - SUBLETTER INDICATES SWITCH CONTROL - SEE DETAIL THIS DRAWING
- THREE WAY SWITCH
- FOUR-WAY SWITCH
- WALL MOUNTED OCCUPANCY SENSOR SWITCH
- CEILING MOUNTED OCCUPANCY SENSOR SWITCH - SEE OCCUPANCY SENSOR CONTROL DIAGRAM THIS DRAWING
- POWER
- POWERPOLE
- JUNCTION BOX
- VOICE & DATA OUTLET - WALL BOX WITH TWO 1" C TO ABOVE AN ACCESSIBLE CEILING - MOUNTED C/L UP 48" UNLESS NOTED OTHERWISE
- DUPLEX CONVENIENCE RECEPTACLE - MOUNTED C/L UP 24" UNLESS NOTED OTHERWISE
- DOUBLE DUPLEX CONVENIENCE RECEPTACLE - MOUNTED C/L UP 24" UNLESS NOTED OTHERWISE
- GFCI DUPLEX CONVENIENCE RECEPTACLE - MOUNTED C/L UP 48" UNLESS NOTED OTHERWISE
- PUSH BUTTON
- LIFE SAFETY
- FIRE ALARM MANUAL PULL STATION - MOUNTED C/L 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 SMOKE DETECTOR
- FIRE ALARM MANUAL PULL STATION
- CEILING MOUNTED EXIT SIGN - DOUBLE FACE
- WALL MOUNTED EXIT SIGN - SINGLE FACE
- CEILING RECESSED EMERGENCY BATTERY REMOTE LIGHT
- GENERAL
- KEYNOTE TAG

DEMOLITION NOTES

1. ELECTRICAL INDICATED IS AS GENERALLY FOUND (JULY 2012). THE INTENT OF THE DEMOLITION PLANS ARE TO DOCUMENT SPECIFIC EXISTING CONDITIONS. HOWEVER, NOT ALL ELECTRICAL DEVICES ARE INDICATED ON THE DRAWINGS. CONTRACTOR SHALL FIELD VERIFY AND ADJUST WORK TO SUIT ALL FOUND.
2. REFER TO NON-DEMO 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 NON-DEMO PLANS THEN EXISTING DEVICES ARE TO BE REMOVED OR REPLACED. IF EXISTING DEVICES ARE SHOWN ON BOTH THEN THE DEVICES ARE TO REMAIN.
3. ALL EXISTING ITEMS INTENDED FOR REMOVAL SHALL BE REMOVED WITH ALL ASSOCIATED HARDWARE INCLUDING, BUT NOT LIMITED TO: CONDUIT, BOXES, WIRING, CABLES, HANGERS, ETC...
4. SEE MECHANICAL DRAWINGS FOR MECHANICAL EQUIPMENT TO BE REMOVED. COMPLETELY REMOVE ALL ASSOCIATED CONDUIT, BOXES, WIRING, ETC...
5. CONDUIT IN GOOD CONDITION AND PROPERLY LOCATED MAY BE REUSED WHERE APPLICABLE. UNLESS NOTED OTHERWISE.
6. THE CONTRACTOR SHALL ARRANGE TO EXECUTE ALL WORK AT SUCH TIMES AND IN SUCH LOCATIONS TO PROVIDE UNINTERRUPTED SERVICES FOR THE EXISTING BUILDING OR ANY OF ITS SECTIONS. IF NECESSARY, TEMPORARY WORK SHALL BE INSTALLED TO PROVIDE FOR THIS CONDITION. AUTHORIZATION FOR INTERRUPTING THE SERVICE SHALL BE OBTAINED IN WRITING FROM THE OWNER.

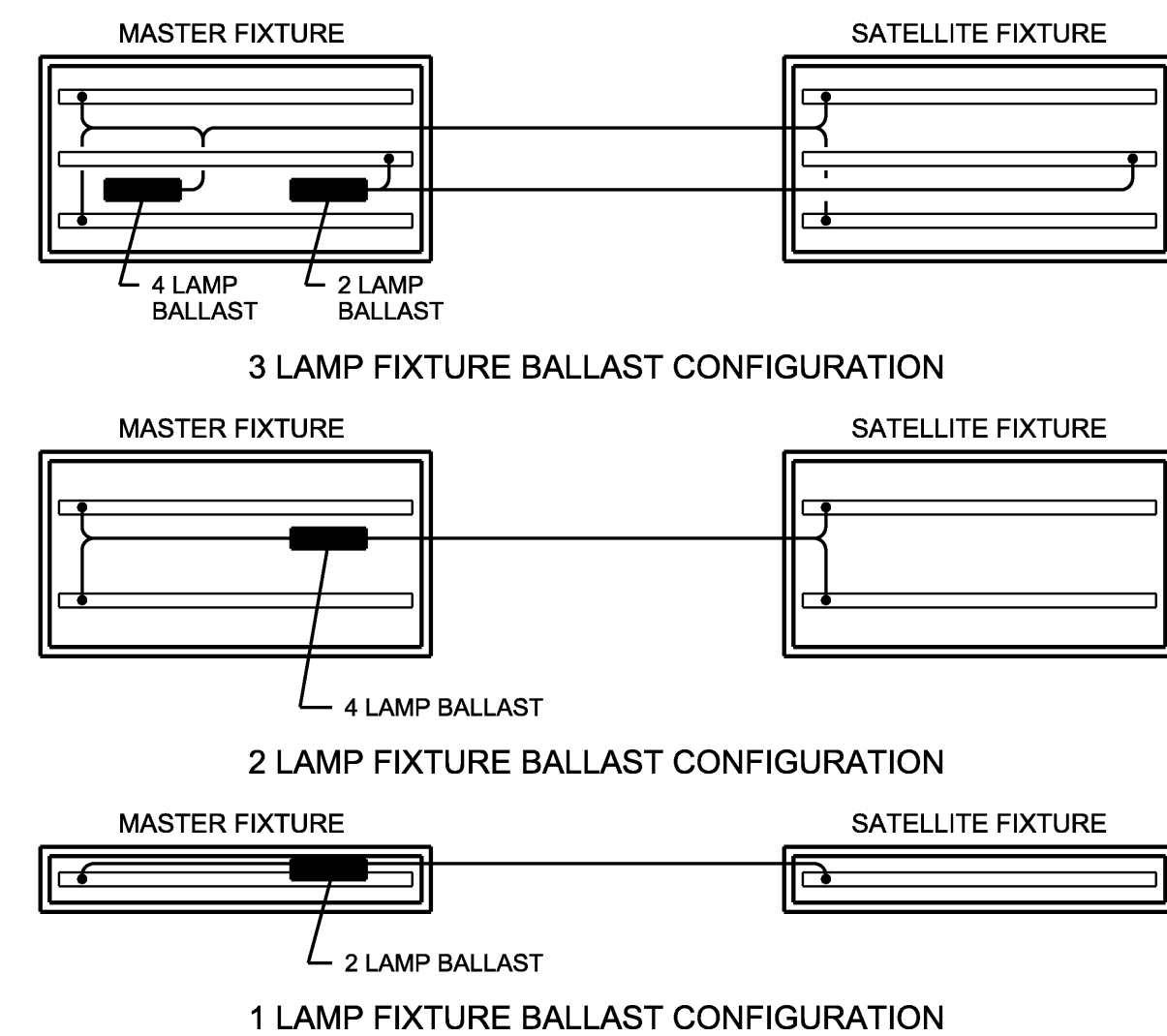
EXISTING EQUIPMENT LEGEND

DASHED INDICATES EXISTING ELECTRICAL DEVICE / APPLIANCE ETC (REFER TO LEGEND FOR TYPE)

ELECTRICAL NOTES		C1
REF:	.	

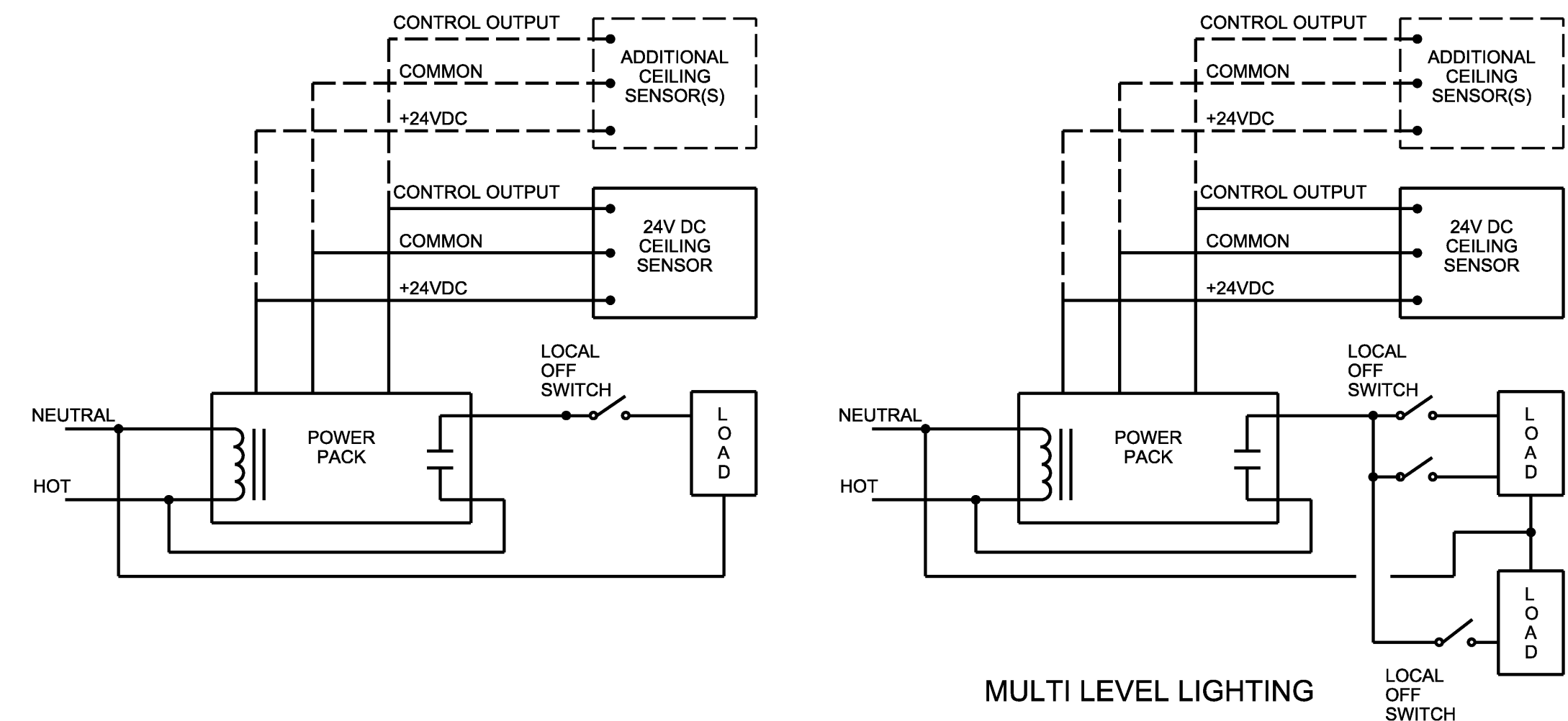
LIGHTING FIXTURE SCHEDULE								
ALL FIXTURES SHALL BE FURNISHED COMPLETE WITH ALL HARDWARE LAMPS, HANGERS, FITTINGS, ETC. FOR A COMPLETE AND PROPER INSTALLATION								
TYPE	MANUFACTURER	CATALOG NO.	MTG.	VOLT	LAMPS			REMARKS/BALLAST INFORMATION
					NO.	WATT	TYPE	
A	4' SURFACE WRAP							
	COLUMBIA	WC4-232-E-U	S	UNIV	2	32	T8	
	APPROVED EQUAL							
B	1X4 SURFACE MOUNT INDIRECT							
	COLUMBIA	STP14-232-MPO-ST-E-U	S	UNIV	2	32	T8	
D	NOT USED							
D1	NOT USED							
D2	NOT USED							

LIGHTING FIXTURE SCHEDULE		B1
REF:	.	



BALLAST CONFIGURATION DETAILS:

1. IT IS THE INTENT OF THE DESIGN TO MAXIMIZE THE USE OF MULTI LAMP BALLASTS TO DRIVE THE FIXTURE LAMPS. WHERE FIXTURES RUN END TO END, OR ARE WITHIN THE STANDARD 11 FOOT BALLAST WHIP LENGTH, FIXTURES SHALL BE CONFIGURED IN BALLASTED PAIRS. IN ALL CASES, BALLASTS SHALL BE INSTALLED TO DRIVE THE EXACT NUMBER OF LAMPS THEY ARE DESIGNED TO SERVE. SEVERAL OF THE MORE TYPICAL LAMP CONFIGURATIONS ARE SHOWN ABOVE.
2. THE CONTRACTOR SHALL COORDINATE SPECIAL BALLAST CONFIGURATIONS TO SERVE LAMPS SERVED BY AN EMERGENCY GENERATOR, ODD QUANTITIES OF FIXTURES RESULTING IN UNEVEN FIXTURE PAIRS AND SPECIAL SWITCHING REQUIREMENTS. CONFIGURE BALLASTS TO MEET MULTI LEVEL SWITCHING REQUIREMENTS. IN GENERAL, SPECIAL BALLAST CONFIGURATIONS ARE NOT IDENTIFIED ON A FIXTURE BY FIXTURE BASIS ON THE DOCUMENTS. IT IS THE CONTRACTORS RESPONSIBILITY TO COORDINATE THESE REQUIREMENTS. A MINIMUM NUMBER OF SINGLE LAMP BALLASTS MAY BE USE AS REQUIRED TO MEET THESE NEEDS.



NOTE: QUANTITY, AND LOCATION OF OFF SWITCHES AS SHOWN ON FLOOR PLAN DRAWINGS.

WIRE POWER PACK TO CIRCUIT INDICATED ON FLOOR PLANS.

LEGEND		A3
REF:	.	

TYPICAL FIXTURE BALLAST CONFIGURATIONS		A2
NO SCALE	REF: -	

OCCUPANCY SENSOR CONTROL DIAGRAM		A1
NO SCALE	REF: -	

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Project Title
USM LUTHER BONNEY HALL 2ND FLOOR RENOVATION
Portland, Maine

Harriman Project No. 12677

Key Plan

Drawing Scales	

Mark	Date	Description
	10-15-12	ISSUED FOR BID
	10-10-12	90% REVIEW
	10-02-12	75% REVIEW
Issue Dates		

Drawing Status	

ELECTRICAL LEGEND & LIGHTING FIXTURE SCHEDULE

PA / PE: JWT Drawn By: DSH

Drawing Number

E00.1