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 NO.	LAMPS WATT	LAMPS TYPE	REMARKS/BALLAST INFORMATION
A	MILK GLASS CLOCHE FILAMENT DECORATIVE PENDANT WITH AGED STEEL FINISH							
	RH RESTORATION HARDWARE		PENDANT	120	1	*	*	* = 40W SQUIRREL-CAGE FILAMENT BULB PROVIDE UNDER ALTERNATE #1.
B	METAL FILAMENT 7 1/2" DECORATIVE PENDANT WITH AGED STEEL FINISH							
	RH RESTORATION HARDWARE		PENDANT	120	1	*	*	* = 40W SQUIRREL-CAGE FILAMENT BULB PROVIDE UNDER ALTERNATE #1.
C	LINE VOLTAGE MINIATURE TRACK SYSTEM WITH HEADS AND ACCESSORIES							
	HALO	TRACK: L650-P SERIES	P	120	*	14	*1	* = ONE LAMP PER HEAD. *1 = PROVIDE LED PAR30, 25 DEG, 3000K. PROVIDE LENGTH OF TRACK AND NUMBER OF HEADS AS SHOWN ON DRAWINGS.
		HEADS: L1730P						
D	2x2 RECESSED LED							
	FINELITE	HPR-A-2X2-DCO-LED-SO-3500K-120-SC-C1	R	120			LED	37 INPUT WATTS PROVIDE UNDER ALTERNATE #1 WHERE INDICATED ON FLOOR PLANS.
E	6" 1500 LUMEN WIDE BEAM LED NON DIMMABLE DOWNLIGHT WITH WHITE FLANGE							
	LIGHTOLIER	C6L1520-DL-35K-W-CL-W-C6L15-N-1	R	120		27	LED	27 INPUT WATTS
	OMEGA	APPROVED EQUAL						
F	4' SLIM WALL MOUNT							
	COLUMBIA	W4-232-EU	W	120	2	32		MOUNT UP 7'-0".

8 LIGHTING FIXTURE SCHEDULE
SCALE: NONE

NOTE:
QUANTITY AND LOCATION OF DEVICES AS SHOWN ON PLAN DRAWINGS. WIRE POWER PACK TO CIRCUIT INDICATED ON FLOOR PLANS.

5 OCCUPANCY SENSOR CONTROL DIAGRAM
SCALE: NONE

6 PARTIAL FIRE ALARM RISER
SCALE: NONE

B-NEW

VOLTAGE: 120/208
PH & WIRES: 3P 4W
BUSES: 225
MAIN BREAKER: MLO
AIC RATING: 22K AIC
MOUNTING: FLUSH
LOCATION: BACK OF HOUSE
FEEDER: EXISTING

LOAD DESCRIPTION	AMP	POLE	DWG CRKT NO.	POLE ID	WATTS	WATT LOADS PH A	PH B	PH C	WATTS	POLE ID	DWG CRKT NO.	POLE	AMP	LOAD DESCRIPTION
TUB 1 OF 1 - REMARKS:														
* HV #5	20	3	1	1	0	0	---	---	0	2	2	3	20	* HV #4
	-	-	-	3		---	0	---		4	-	-	-	
	-	-	-	5		---	---	0		6	-	-	-	
* RM 010	20	1	7	7	0	0	---	---	0	8	8	1	15	* EF-16
* RM 010	20	1	9	9	0	---	0	---	0	10	10	1	15	* HUH/TF OVERHEA WTR HTR
* RM 010	20	1	11	11	0	---	---	0	0	12	12	1	20	* RM 016-020 TEXT MAGS AREA
* RM 010	20	1	13	13	0	0	---	---	0	14	14	1	20	* RM 119 & GFI BATHROOM
* RM 010	20	1	15	15	0	---	0	---	0	16	16	1	20	* RM 010
* RM 016-020	20	1	17	17	0	---	---	0	0	18	18	1	20	* RM 010 CASH REG
* RM 010	20	1	19	19	0	0	---	---	0	20	20	1	20	* RM 010 CASH REG
* RM 16 EWC 118 WATER HTR	20	1	21	21	0	---	0	---	0	22	22	1	20	* RM 010 CASH REG
* HAND DRYER	20	2	23	23	0	---	---	0	0	24	24	1	20	* RM 010 CASH REG
	-	-	-	25		0	---	---	0	26	26	1	20	* RM 010 CASH REG
* 20AMP COPY MACHINE	20	1	27	27	0	---	0	---	0	28	28	1	20	* RM 010 CASH REG
* TELE POLE	20	1	29	29	0	---	---	0	0	30	30	1	20	* ESS ALARM
*	20	1	31	31	0	0	---	---	0	32	32	3	30	* HEAT PUMP
* PHOTO COPIER	20	1	33	33	0	---	0	---		34	-	-	-	
* NEW OFFICE	20	1	35	35	0	---	---	0		36	-	-	-	
* COMPUTER	20	1	37	37	0	0	---	---	0	38	38	3	30	* HEAT PUMP
* AS 400 COMPUTER	20	1	39	39	0	---	0	---		40	-	-	-	
* SERVER	20	1	41	41	0	---	---	0		42	-	-	-	
LTG - TRACK	20	1	43	43	700	900	---	---	200	44	44	1	20	RCPTS - BOOK DETECTOR
LTG - TRACK	20	1	45	45	900	---	1700	---	800	46	46	1	20	RCPTS - POS
LTG - TRACK	20	1	47	47	750	---	---	1350	600	48	48	1	20	RCPTS - POS
LTG - ENTRY, POS & HV	20	1	49	49	1000	1400	---	---	400	50	50	1	20	RCPTS - POS
LTG - CUST SERVICE & HV	20	1	51	51	1000	---	1650	---	650	52	52	1	20	RCPTS - COOLER
SPARE	20	1	53	53	0	---	---	800	800	54	54	1	20	RCPTS - SITTING
SPARE	20	1	55	55	0	600	---	---	600	56	56	1	20	RCPTS - CONVENIENT
SPARE	20	1	57	57	0	---	400	---	400	58	58	1	20	RCPTS - WEB ORDERS
SPARE	20	1	59	59	0	---	---	800	800	60	60	1	20	RCPTS - WEB ORDER/SERVICE
SPARE	20	1	61	61	0	600	---	---	600	62	62	1	20	RCPTS - CUSTOMER SERVICE
SPARE	20	1	63	63	0	---	800	---	800	64	64	1	20	RCPTS - OFFICE
SPARE	20	1	65	65	0	---	---	1400	1400	66	66	1	20	RCPTS - CONVENIENT
SPARE	20	1	67	67	0	200	---	---	200	68	68	1	20	RCPTS - TECH
SPARE	20	1	69	69	0	---	200	---	200	70	70	1	20	RCPTS - TECH
SPARE	20	1	71	71	0	---	---	0	0	72	72	1	20	SPARE
TOTAL AMPS: 35.6						3700	4750	4350	TOTAL WATTS: 12800					

REMARKS:
* = EXISTING CIRCUIT TO BE TERMINATED IN NEW PANEL "B".

12/30/2013

7 PANELBOARD SCHEDULE - NEW
SCALE: NONE

NOTE:
REMOVED CAMERAS SHALL BE RETURNED TO THE OWNER.

4 INTRUSION DETECTION SYSTEM RISER
SCALE: NONE

1 INTRUSION DETECTION SYSTEM RISER
SCALE: NONE

ELECTRICAL LEGEND

LP-1,3	HOMERUN TO PNLBRD - ARROWS INDICATE NUMBER OF CIRCUITS. CROSS LINES INDICATE NUMBER OF CONDUCTORS OTHER THAN TWO
	CIRCUIT NUMBER(S)
	PANEL DESIGNATION
	WIRING CONCEALED IN WALL OR CEILING
	WIRING IN RACEWAY CONCEALED UNDER FLOOR
	TRACK LIGHTING HEAD ON TRACK
	RECESSED DOWNLIGHT
	PENDANT LIGHTING FIXTURE
	RECESSED TROFFER
$	SINGLE POLE SWITCH - MOUNTED C/L UP 46" UNLESS NOTED OTHERWISE
$3	THREE-WAY SWITCH - MOUNTED C/L UP 46" UNLESS NOTED OTHERWISE
$4	FOUR-WAY SWITCH - MOUNTED C/L UP 46" UNLESS NOTED OTHERWISE
$D	DIMMER SWITCH - MOUNTED C/L UP 46" UNLESS NOTED OTHERWISE
	OCCUPANCY SENSOR AND POWER PACK - PROVIDE NUMBER OF POWER PACKS REQUIRED TO ALLOW FOR NUMBER OF OCCUPANCY SENSORS AND SWITCHING SHOWN - SEE DETAIL
	DUPLEX CONVENIENCE RECEPTACLE - MOUNT C/L UP 24" UNLESS NOTED OTHERWISE
A	DUPLEX CONVENIENCE RECEPTACLE - MOUNT C/L UP 6" ABOVE COUNTER/BACKSPLASH UNLESS NOTED OTHERWISE
	DOUBLE DUPLEX CONVENIENCE RECEPTACLE - MOUNT C/L UP 24" UNLESS NOTED OTHERWISE
	PROVISIONS FOR VOICE AND DATA OUTLET - JUNCTION BOX WITH SINGLE GANG RAISED RING/FACEPLATE AND TWO 1" CONDUIT TO ABOVE AN ACCESSIBLE CEILING - MOUNT UP SAME AS ASSOCIATED RECEPTACLE. FOR OWNER USE: SYMBOL INDICATES ONE VOICE DROP AND ONE DATA DROP.
	PROVISIONS FOR DATA OUTLET - JUNCTION BOX WITH SINGLE GANG RAISED RING/FACEPLATE AND TWO 1" CONDUIT TO ABOVE AN ACCESSIBLE CEILING - MOUNT UP SAME AS ASSOCIATED RECEPTACLE. FOR OWNER USE: SYMBOL INDICATES ONE DATA DROP.
	MOTOR
J	JUNCTION BOX
	EMERGENCY LIGHTING BATTERY UNIT
	REMOTE MOUNTED EMERGENCY LIGHTING UNIT
	SELF-CONTAINED EXIT SIGN
F	FIRE ALARM SYSTEM PULL STATION
	FIRE ALARM SYSTEM HORN/STROBE UNIT - CANDLE POWER (cd) PER NFPA 72 AND AS INDICATED - 15/75cd WHERE NOT OTHERWISE INDICATED ON PLANS - MOUNT BOTTOM OF STROBE UP 96"
	FIRE ALARM SYSTEM STROBE UNIT - CANDLE POWER (cd) PER NFPA 72 AND AS INDICATED - 15/75cd WHERE NOT OTHERWISE INDICATED ON PLANS - MOUNT BOTTOM OF STROBE UP 96"
	FIRE ALARM SYSTEM BELL
	FIRE ALARM SYSTEM DUCT SMOKE DETECTOR
DH	ELECTRIC DOOR HOLDER/CLOSER - COORDINATE WITH DOOR HARDWARE. PROVIDE 120V FROM PANEL "B" AS REQUIRED.
SEC	INTRUSION DETECTION SYSTEM SYSTEM CONTROL PANEL
MS	INTRUSION DETECTION SYSTEM MOTION SENSOR
DC	INTRUSION DETECTION SYSTEM DOOR CONTACT
KP	ITRUSION DETECTION SYSTEM KEY PAD
	PROVISIONS FOR CCTV CAMERA
	DISCONNECT SWITCH
	NEW PANELBOARD
	EXISTING PANELBOARD

2 ELECTRICAL LEGEND
SCALE: NONE

B

VOLTAGE: 120/208
PH & WIRES: 3P 4W
BUSES: 225
MAIN BREAKER: MLO
AIC RATING: SEE SPECS
MOUNTING: FLUSH
LOCATION: BACK OF HOUSE
FEEDER: EXISTING

LOAD DESCRIPTION	AMP	POLE	DWG CRKT NO.	POLE ID	WATTS	WATT LOADS PH A	PH B	PH C	WATTS	POLE ID	DWG CRKT NO.	POLE	AMP	LOAD DESCRIPTION
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	-	-	-	3		---	0	---		4	-	-	-	
	-	-	-	5		---	---	0		6	-	-	-	
RM 010	20	1	7	7	0	0	---	---	0	8	8	1	15	EF-16
RM 010	20	1	9	9	0	---	0	---	0	10	10	1	15	HUH/TF OVERHEA WTR HTR
RM 010	20	1	11	11	0	---	---	0	0	12	12	1	20	RM 016-020 TEXT MAGS AREA
RM 010	20	1	13	13	0	0	---	---	0	14	14	1	20	RM 119 & GFI BATHROOM
RM 010	20	1	15	15	0	---	0	---	0	16	16	1	20	RM 010
RM 016-020	20	1	17	17	0	---	---	0	0	18	18	1	20	RM 010 CASH REG
RM 010	20	1	19	19	0	0	---	---	0	20	20	1	20	RM 010 CASH REG
RM 16 EWC 118 WATER HTR	20	1	21	21	0	---	0	---	0	22	22	1	20	RM 010 CASH REG
HAND DRYER	20	2	23	23	0	---	---	0	0	24	24	1	20	RM 010 CASH REG
	-	-	-	25		0	---	---	0	26	26	1	20	RM 010 CASH REG
20AMP COPY MACHINE	20	1	27	27	0	---	0	---	0	28	28	1	20	RM 010 CASH REG
TELE POLE	20	1	29	29	0	---	---	0	0	30	30	1	20	ESS ALARM
SPARE	20	1	31	31	0	0	---	---	0	32	32	3	30	HEAT PUMP
PHOTO COPIER	20	1	33	33	0	---	0	---		34	-	-	-	
NEW OFFICE	20	1	35	35	0	---	---	0		36	-	-	-	
COMPUTER	20	1	37	37	0	0	---	---	0	38	38	3	30	HEAT PUMP
AS 400 COMPUTER	20	1	39	39	0	---	0	---		40	-	-	-	
SERVER	20	1	41	41	0	---	---	0		42	-	-	-	
TOTAL AMPS: 0						0	0	0	TOTAL WATTS: 0					

REMARKS:
EXISTING SQUARE-D NQOB.

12/30/2013

3 PANELBOARD SCHEDULE - EXISTING
SCALE: NONE

Reviewed for Code Compliance
Portland Fire Division
Approved with Conditions
Date: 01/27/14

HARRIMAN

AUBURN PORTLAND MANCHESTER

UNIVERSITY OF SOUTHERN MAINE
WOODBURY CAMPUS CENTER
BOOKSTORE RENOVATIONS

PORTLAND, ME

Harriman Project No.	13659

Key Plan

North

Proj North

Issues and Revisions

Mark	Date	Description
--	12-18-13	FINAL REVIEW
--	01-03-14	OWNER REVIEW
--	01-10-14	ISSUED FOR BID

STATE OF MAINE
JOHN W. TARR
No. 7700
LICENSED
PROFESSIONAL ENGINEER

Drawing Scales

PA / PE: JWT
Drawn By: JMB

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Harriman Associates

ELECTRICAL LEGEND, PANELBOARD AND LIGHTING FIXTURE SCHEDULE

E00.1