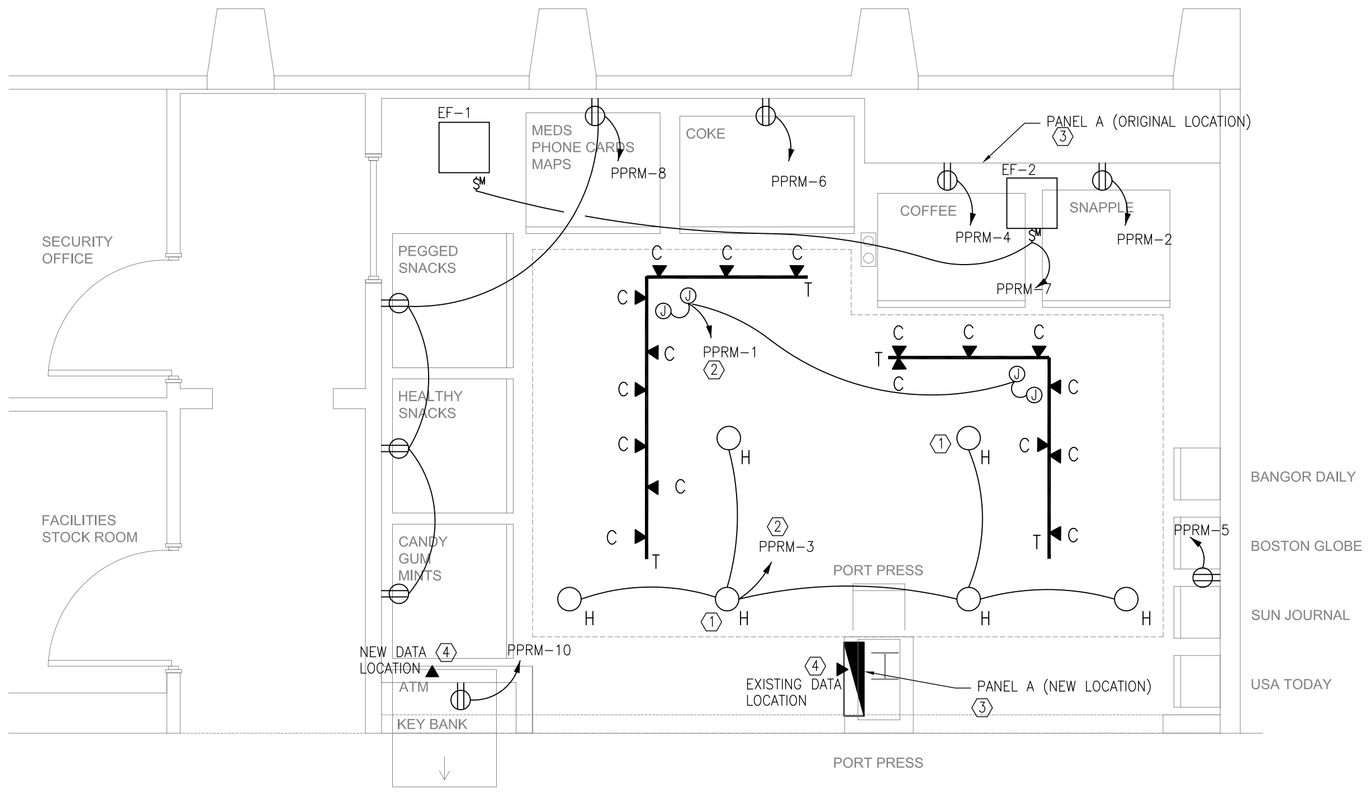

1 / E-1 LIGHTING & POWER PLAN
SCALE: 3/8" = 1'-0"

KEYED NOTES:

1. FIXTURE SHALL HAVE EMERGENCY BATTERY BALLAST.
2. VERIFY LOCATION OF LIGHT SWITCHES WITH OWNER PRIOR TO INSTALLATION. ALL LIGHTING CIRCUITS SHALL BE SWITCHED.
3. CONTRACTOR SHALL RELOCATE EXISTING PANEL TO NEW PANEL LOCATION.
4. CONTRACTOR SHALL RELOCATE EXISTING DATA OUTLET TO NEW DATA LOCATION. COORDINATE WITH FACILITIES MANAGER FOR FOR TERMINATION POINT IN AIRPORT. DISTANCE IS APPROXIMATELY 50 FEET.

SYMBOLS	DESCRIPTION	SYMBOLS	DESCRIPTION
	FLOOR BOX - POWER / DATA / PHONE		WALL - PHONE / DATA
CLG	CEILING - DUPLEX RECEPTACLE		FLOOR - PHONE / DATA
	WALL - DUPLEX RECEPTACLE MOUNTED @ 18" A.F.F. UNLESS OTHERWISE NOTED		WALL - DATA
	FLOOR - DUPLEX RECEPTACLE		FLOOR - DATA
	WALL - QUAD RECEPTACLE	C	CABLE TV
	FLOOR - QUAD RECEPTACLE	E	EXISTING RECEPTABLE
	GFCI RECEPTACLE		DUPLEX RECEPTABLE
	WALL MOUNTED PHONE	J	JUNCTION BOX
F / F WS	FIRE STROBE — TO BE LOCATED BY FIRE SUPPRESSION CONTRACTOR. CEILING MOUNTED. CONNECT TO BUILDING FIRE ALARM CIRCUIT. WS – INDICATES WALL MOUNTED FIRE ALARM HORN/STROBE DEVICE.		
S	SMOKE DETECTOR — TO BE LOCATED BY FIRE SUPPRESSION CONTRACTOR. CEILING MOUNTED. CONNECT TO BUILDING FIRE ALARM CIRCUIT.		

GENERAL NOTES:

1. CONTRACTOR TO VERIFY NUMBER OF PHONE AND DATA RECEPTACLES AT EACH LOCATION WITH OWNER.
2. CONTRACTOR TO VERIFY LOCATION OF ALL PHONE, ELECTRICAL, CABLE AND DATA WITH OWNER.

THE BRAND OF FIRE ALARM DEVICES PURCHASED SHALL MATCH EXISTING FIRE ALARM DEVICES AND THE INSTALLATION SHALL BE COORDINATED THE AIRPORT ENGINEERING DEPARTMENT.

PANELBOARD SCHEDULE - PPRM 208

MAIN: 100A MLO | VOLTAGE 240/120 | PHASE: 1 | WIRE: 3 | MOUNTING: SURFACE | AIC: | NOTES: EXISTING

CKT #	TRIP POLE	DESCRIPTION	LTG	REC	MTR	A/C	HTG	KIT	MISC	PHASE A	PHASE B	LTG	REC	MTR	A/C	HTG	KIT	MISC	DESCRIPTION	TRIP POLE	CKT #	
			LOAD (KVA)									LOAD (KVA)										
1	20/1	TRACK LIGHTING	1.2										0.6						VENDING	20/1	2	
3	20/1	DOWNLIGHTING	0.3										0.6						VENDING	20/1	4	
5	20/1	RECEPTACLE	1.2										0.6						VENDING	20/1	6	
7	20/1	EXHAUST FANS			0.3								0.2						RECEPTACLE	20/1	8	#
9	---	SPACE											0.3						ATM	20/1	10	#
11	---	SPACE																	SPACE	---	12	
13	---	SPACE																	SPACE	---	14	
15	---	SPACE																	SPACE	---	16	
17	---	SPACE																	SPACE	---	18	
19	---	SPACE																	SPACE	---	20	
LIGHTING:			2.7	0.0	0.3	0.0	0.0	0.0	0.0			0.0	2.3	0.0	0.0	0.0	0.0	0.0	CONNECTED LOAD (KVA):	5.3		
RECEPTACLES:			2.3																DEMAND LOAD (KVA):	5.3		
MOTORS:			0.3							PHASE A		3.9	32.5									
A/C:			0.0							PHASE B		1.4	11.5						CONNECTED LOAD (AM	22.0		
HEATING:			0.0									KVA	AMPS						DEMAND LOAD (AMPS):	22.0		
KITCHEN:			0.0																			
MISCELLANEOUS:			0.0																AMPACITY REQUIRED:	24.8		

PROVIDE NEW BREAKER

2780 – PRE-SECURITY VENDING SHOP ELECTRICAL LIGHTING FIXTURE SCHEDULE

TYPE	SYMBOL	WATTS	MANUFACTURE	CATALOG NO. & DESCRIPTION	LAMPS
C	▲	Approx 23W	Juno Lighting	T253LED-3K-NFL-WH AVANT GARDE CYLINDRA LED Mounting: On Track "T"	
H	◯	32W	Juno Lighting	C8H-226/42T (Downlight) Electronic Ballast to be 120V/60Hz 8" CFL Open Downlight Mounting: Where indicated	Osram Sylvania SCF42DT/E/IN/8 30
T	———	N/A	Juno Lighting	T4BL Electronic Ballast to be 120V/60Hz Trac-Master Two Circuit Track 4' Lengths Mounting: On Suspended Ceiling Element	N/A

* SEE LIGHTING SPECIFICATION PACKAGE FOR COMPLETE INFORMATION *

GENERAL LIGHTING NOTES

1. ALL LIGHTING FIXTURES NOT DIMENSIONED ARE TO BE LOCATED IN THE CENTER OF CEILING TILE OR CEILING GRID AS SHOWN.
2. THE ELECTRICAL CONTRACTOR SHALL BE RESPONSIBLE FOR INSTALLING ALL FIXTURES AND EMERGENCY LIGHTING TO MEET STATE AND LOCAL CODES.
3. ALL LIGHTING FIXTURES AND LAMPS IN THIS SCHEDULE SHALL BE SUPPLIED BY THE ELECTRICAL CONTRACTOR (EXCEPT AS NOTED) AND INSTALLED BY THE ELECTRICAL CONTRACTOR.
4. ALL OTHER ELECTRICAL MATERIALS INCLUDING SWITCHES, CONTACTORS, AND RECEPTACLES, ETC. SHALL BE SUPPLIED & INSTALLED BY THE ELECTRICAL CONTRACTOR.
5. LIGHTING FIXTURES AND CUT SHEETS SHALL BE CONSIDERED PART OF THE PLANS FOR BIDDING AND CONSTRUCTION PURPOSES.
6. LIGHTING FIXTURE SUPPLIER SHALL FURNISH (4) COPIES OF THE LIGHTING FIXTURE CATALOG CUTS AND RECEIVE APPROVAL BY ELECTRICAL ENGINEER AND PAVLIK DESIGN TEAM PRIOR TO SUPPLYING FIXTURES. (3) APPROVED COPIES TO BE SUPPLIED TO CONTRACTOR FOR HIS USE.
7. MANUFACTURER AND CATALOG NUMBER LISTED ESTABLISHES THE MINIMUM LEVEL OF QUALITY ACCEPTABLE. ANY PROPOSED SUBSTITUTION MUST MEET OR EXCEED THIS LEVEL OF QUALITY, AS DETERMINED BY PAVLIK DESIGN TEAM, AND MUST BE SUBMITTED FOR PRIOR APPROVAL. SUBMITTALS MUST BE MADE VIA A BIDDING GENERAL CONTRACTOR WITH COMPLETE SPECIFICATION INFORMATION.

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DRAWING ISSUE	DATE
75% SUBMITTAL	02.12.10
95% PERMIT SUBMITTAL - LL REVIEW	02.24.10

PRE-SECURITY VENDING SHOP

Portland International Jetport
1001 Westbrook Street
Portland, Maine

THE PARADIES SHOPS

SEAL:

REVIEWED & APPROVED BY: _____
PROJECT MANAGER INITIALS: _____
DATE: _____

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PROJECT NUMBER:
2780

DRAWING NAME:
Power & Signal Plan

DRAWING NUMBER:
E-1