## KEYED NOTES:

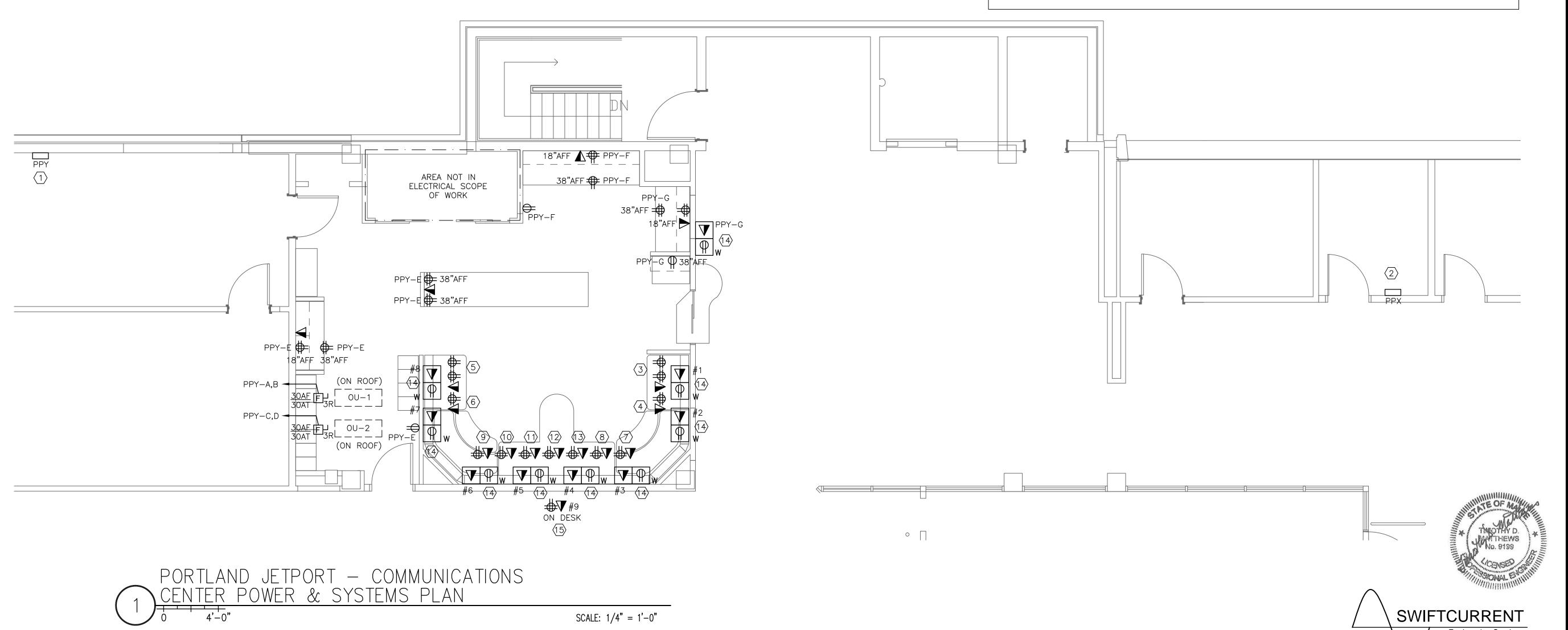
- (1) EXISTING 80A, 120/208V EMERGENCY POWER SUBPANEL, FED FROM GENERATOR PANEL IN MIDDLE PENTHOUSE. THIS SUBPANEL CURRENTLY FEEDS 6-7 CIRCUITS FOR EQUIPMENT IN THE EXISTING COMM CENTER. BREAKERS FEEDING THESE CIRCUITS SHALL BE DETERMINED IN THE FIELD DURING DEMOLITION AND THE INTENT IS TO REUSE THESE CIRCUITS FOR RECEPTACLES AND EQUIPMENT AS NOTED ON THE PLAN, AS FED FROM PANEL PPY.
- (2) EXISTING 60A, 120/208V EMERGENCY POWER SUBPANEL, FED FROM GENEARTOR PANEL IN MIDDLE PENTHOUSE. SEE PANEL SCHEDULE DENOTING AVAILABLE SPACE CIRCUITS TO BE USED AS PART OF THIS WORK.
- $\langle 3 \rangle$  SECURITY CLIENT COMPUTER A + (4) MONITORS FED FROM CIRCUIT PPX-14. COORDINATE MOUNTING HEIGHT IN CABINET.
- $\langle 4 \rangle$  CCURE ACCESS CONTROL A + (2) MONITORS FED FROM CIRCUIT PPX-14. COORDINATE MOUNTING HEIGHT IN CABINET.
- (5) SECURITY CLIENT COMPUTER B + (4) MONITORS FED FROM CIRCUIT PPX-16. COORDINATE MOUNTING HEIGHT IN CABINET.
- (6) CCURE ACCESS CONTROL B + (2) MONITORS FED FROM CIRCUIT PPX-16. COORDINATE MOUNTING HEIGHT IN CABINET.
- $\langle 7 \rangle$  FIDS CLIENT #1 + MONITOR FED FROM CIRCUIT PPX-18. COORDINATE MOUNTING HEIGHT IN CABINET.
- $\langle 8 \rangle$  CITY NETWORK OPS A + MONITOR FED FROM CIRCUIT PPX-18. COORDINATE MOUNTING HEIGHT IN CABINET.
- (9) FIDS CLIENT #2 + MONITOR FED FROM CIRCUIT PPX-20.  $^{\prime}$  coordinate mounting height in cabinet.
- CITY NETWORK OPS B + MONITOR FED FROM CIRCUIT PPX-20. COORDINATE MOUNTING HEIGHT IN CABINET.

- (11) ATC OPERATIONS COMPUTER + (2) MONITORS FED FROM CIRCUIT PPX-15. COORDINATE MOUNTING HEIGHT IN CABINET.
- (12) TIME WARNER SCHEDULE/PAGING + (2) MONITORS FED FROM CIRCUIT PPX-15. COORDINATE MOUNTING HEIGHT IN CABINET.
- (13) TIME WARNER FLIGHT EXPLORER + (2) MONITORS FED FROM CIRCUIT PPX-17. COORDINATE MOUNTING HEIGHT IN CABINET.
- 4 WALL MOUNTED MONITOR (TYPICAL FOR 8). FURNISH RECESSED MEDIA BOX TO ALLOW FLUSH MOUNTING OF MONITOR ON WALL. MEDIA BOX SHALL BE AS MANUFACTURED BY HUBBELL MODEL NSAV62M WITH COVER. COORDINATE MOUNTING HEIGHT WITH ARCHITECT. POWER FOR THESE SHALL BE FED FROM CIRCUIT PPX-19.
- (15) DESK MOUNTED MONITOR. MOUNT POWER AND DATA AT DESK LEVEL 38" AFF. COORDINATE LOCATION WITH CASEWORK. POWER SHALL BE FED FROM CIRCUIT PPX-17.
- (6) AH-1 (ON ROOF). FURNISH NEW 30A, 2P BREAKER IN EXISTING SPARE/SPACE IN PANEL PPY, WIRING TO BE 2#10AWG & #10GND, 3/4"C. FURNISH CONDUITS FOR LOW VOLTAGE WIRING TO INDOOR UNIT. COORDINATE LOCATION WITH MECHANICAL.
- $\langle 17 \rangle$  AH-2 (ON ROOF). FURNISH NEW 30A, 2P BREAKER IN EXISTING SPARE/SPACE IN PANEL PPY, WIRING TO BE 2#10AWG & #10GND, 3/4"C. FURNISH CONDUITS FOR LOW VOLTAGE WIRING TO INDOOR UNIT. COORDINATE LOCATION WITH MECHANICAL.

## NOTES:

- 1. SEE THIS SHEET FOR LEGEND, ABBREVIATIONS AND GENERAL NOTES.
- 2. ALL WORK TO BE COORDINATED WITH TIM BARRETT OF GRIFFON SECURITY.
- 3. ALL EXISTING ELECTRICAL WORK SHALL BE REMOVED AND ALL WIRING AND CONDUITS REMOVED TO PANEL OF ORIGIN.

		KVA LOAD		#	AMPS	SE	AMPS	#	KVA LOAD				
DIRECTORY	А	В	С	CKT	BKR	PHASE	BKR	CKT	Α	В	С		DIRECTORY
CIRCUIT USED	*			1	20	А	30	2	*			SPARE	
CIRCUIT USED		*		3	20	В	20	4		*		CIRCUIT USED	
CIRCUIT USED			*	5	20	С	20	6			*	CIRCUIT U	SED
SPARE	*			7	20	Α	20	8	*			CIRCUIT U	SED
CIRCUIT USED		*		9	20	В	20	10		*		SPARE	
CIRCUIT USED			*	11	20	С	20	12			*	CIRCUIT USED	
CIRCUIT USED	*			13	20	Α	20	14	1.5			SCC A & CCURE A	
ATC OPS & TW SCHED/PAGE		1.5		15	20	В	20	16		1.5		SCC B & CCURE B	
TW FLIGHT EXPLORER			0.8	17	20	С	20	18			1.4	FIDS #1 & CITY NETWORK A	
WALL MONITORS	0.8			19	20	Α	20	20	1.4			FIDS #2 & CITY NETWORK B	
SPACE		*		21		В		22		*		SPACE	
SPACE			*	23		С		24			*	SPACE	
SUBTOTAL	###	###	###						###	###	###	SUBTOTAL	
VOLTAGE: 208Y/120V PHASE: 3 POLES: 4					TOTAL KVA A-PHASE			###		PANEL		PPX	
MAIN LUGS ONLY AMPS: 60A					TOTAL KVA B-PHASE			###					
MOUNTING: SURFACE					TOTAL KVA C-PHASE		###		LOCATION		SECURITY ROOM		
SHORT CIRCUIT RATING: 10KAIC					TOTAL KVA		###						
NOTES: EXISTING EMERGENCY	POWER F	PANEL F	ED FROM	И 60A B	BREAKER	IN MIDDLE	PENTHO	OUSE GE	NERATOF	PANEL			



**Engineering Services** 10 Forest Falls Dr. Unit 4B Yarmouth, ME 04096 Tel: (207) 847-9280 General Notes

ISSUED FOR CONSTRUCTION 03/15/2013

).	Revision/Issue	Date



Project Name and Address

COMMUNICATIONS CENTER RENOVATIONS

ELECTRICAL POWER AND SYSTEMS PLAN

Project Number: 1402	Sheet:
Date: Issued For Construction 03/15/2013	<b>]</b> F 1
Scale: Reference Individual Drawings	