

E1 FLOOR PLAN

1/4"=1'-0"

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A B C			BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY		
	A	B	C			A	B	C								
(1) LTG RMS 22,23				1	20				20	2				LTG RMS 19,20,21 (1)		
(1) READING RM RECEPT				3	20				20	4				CORRIDOR LIGHTS (1)		
(1) LTG RMS 25,26,28				5	20				20	6				LTG AREA 30 (1)		
(1) READING ROOM RECEPT				7	20				20	8				RECEPTS RM 21 (1)		
(1) RECEPTION OUTLETS				9	20				20	10				RECEPTS RM 19 (1)		
RECEPTS SPECT/CT #2			0.9	11	20				20	12				RECEPTS RM 2 ISOLATED (1)		
(1) OUTLETS RM 25				13	20				20	14				RECEPTS RM 26 (1)		
(1) OUTLETS RM 1				15	20				20	16				RECEPTS RM 26 (1)		
(1) OUTLETS RM 1				17	20				20	18				RECEPTS RM 26 (1)		
(1) RECEPT RAD CALIBRATOR				19	20				20	20				UNKNOWN CIRCUIT (1)		
(1) EUS RM RECEPT				21	20				20	22				UNKNOWN CIRCUIT (1)		
(1) EUS RM RECEPT				23	20				20	24		0.8		RECEPTS OFFICE B321		
(1) AC UNIT ROOM 2				25	20				20	26				UNKNOWN CIRCUIT (1)		
RECEPTS TOILET/CORRIDOR		0.9		27	20				20	28		0.8		RECEPTS STAFF BREAK		
RECEPTS CONTROL B332		0.8		29	20				20	30		0.8		RECEPTS STAFF BREAK		
RECEPTS HOT LAB	0.9			31	20				20	32	0.9			RECEPTS READING B325		
RECEPTS INJECTION/TOILET		0.8		33	20				20	34		1.1		RECEPTS READING B325a		
REFRIGERATOR STAFF BREAK		1.0		35	20				20	36				SPECT/CT UPS BYPASS RECEPT		
SPARE				37	20				20	38				SPARE		
SPARE				39	20				20	40				SPARE		
SPARE				41	20				20	42				SPARE		
SUB-TOTAL											NEUTRAL BUS			SUB-TOTAL		
VOLTAGE: 208Y/120V 3 PHASE 4 WIRE 100 AMP BUS											GROUND BUS			PANEL NO. PP1A		
MAIN LUGS ONLY											TOTAL KVA A			LOCATION CORRIDOR DC-B-NM1		
MOUNTING: RECESSED											TOTAL KVA B					
SC RATING: 10,000 AIC											TOTAL KVA C					
NOTES: (1) EXISTING BRANCH CIRCUITS TO BE REFed FROM NEW PANELBOARD.											TOTAL KVA					

DIRECTORY	KVA LOAD			CKT NO.	BKR AMPS	A B C			BKR AMPS	CKT NO.	KVA LOAD			DIRECTORY		
	A	B	C			A	B	C								
	15.0			1	20				20	2				SPACE		
SIEMENS SIMBIA T	15.0			3	100				100	4				SPACE		
			15.0	5						6				SPACE		
SPACE				7						8				SPACE		
SPACE				9						10				SPACE		
SPACE				11						12				SPACE		
SUB-TOTAL											NEUTRAL BUS			SUB-TOTAL		
VOLTAGE: 480Y/277V 3 PHASE 4 WIRE 225 AMP BUS											GROUND BUS			PANEL NO. PNUC		
MAIN BREAKER:											TOTAL KVA A			LOCATION		
MOUNTING: SURFACE											TOTAL KVA B			POWER CONDITIONER B335		
SC RATING: 35,000 AIC											TOTAL KVA C					
NOTES:											TOTAL KVA					

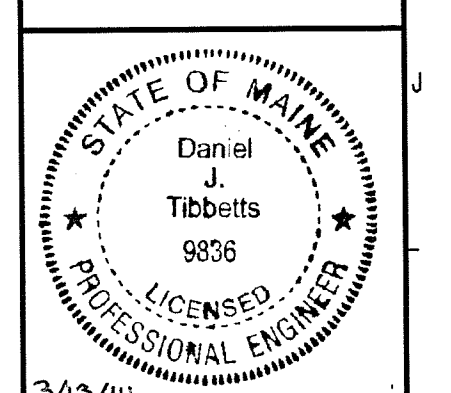
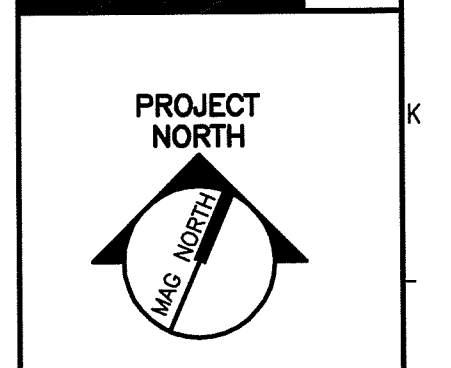
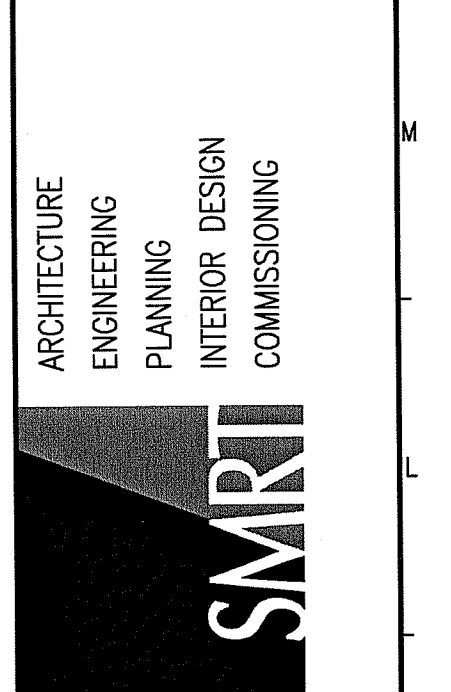
NOTE:

1. SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.

KEYED NOTES:

- MOUNT RECEPTACLE 42" AFF TO BOTTOM OF DEVICE.
- MOUNT RECEPTACLE 60" AFF TO BOTTOM OF DEVICE.
- FURNISH INSTALL FLUSH MOUNTED RECEPTACLE IN CEILING GRID.
- MOUNT RECEPTACLE 6" BELOW CEILING FOR CEILING LIFT CHARGING STATION.
- EXTEND EXISTING FEEDER AND ALL REMAINING BRANCH CIRCUITS TO LOCATION OF NEW PANELBOARD PP1A. SEE ED101 FOR CURRENT PANELBOARD LOCATION AND PANEL SCHEDULE FOR QUANTITY OF BRANCH CIRCUITS TO BE RELOCATED.
- MOUNT RECEPTACLE 66" AFF TO BOTTOM OF DEVICE INSIDE OF CABINET FOR DVD PLAYER.
- DISCONNECT TO BE PROVIDED WITH A VINYL TAG THAT READS "BEFORE OPERATING DISCONNECT VFD MUST BE LOCKED OUT. FAILURE TO DE-ENERGIZE VFD MAY CAUSE DAMAGE TO VFD."
- PROVIDE POWER FOR MED GAS ALARM PANEL. COORDINATE WITH PLUMBING CONTRACTOR FOR EXACT PLACEMENT OF MED GAS PANEL.
- POWER CONDITIONER, MAINTENANCE BYPASS PANEL, 10 KVA TRANSFORMER AND 100 KVA ISOLATION TRANSFORMER ARE TO BE SUPPLIED OWNER (THROUGH CPN POWER) AND INSTALLED BY CONTRACTOR. CIRCUIT BREAKER CB-SPECT TO BE FURNISHED AND INSTALLED BY CONTRACTOR. MOUNT 100 KVA ISOLATION TRANSFORMER ON FLOOR AND MOUNT 10 KVA TRANSFORMER THAT FEEDS UPS RECEPTACLE ABOVE SUPPORTED WITH UNISTRUT. SEE PARTIAL ONE-LINE DIAGRAM ON EP401 FOR WIRING BETWEEN COMPONENTS.

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3/12/14

**MAINE MEDICAL CENTER
NUCLEAR MEDICINE RENOVATIONS**
PORTLAND, MAINE

**ISSUED FOR CONSTRUCTION
3-13-14**

CURRENT ISSUE STATUS:

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	3-13-14

GRAPHIC SCALE:
0" = 1'

SCALE: 1/4"=1'-0"

PROJECT MANAGER: DJV
JC/DRAWN BY: CDS
A/E OF RECORD: DJT
CAD FILE: EP101-1312B
PROJECT NO: 1312B
DATE: 3-13-14
SHEET TITLE:

POWER PLAN

SHEET No. **EP101**
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