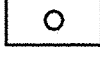
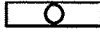


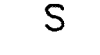
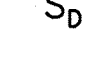





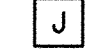
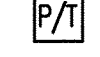


**LIGHTING**

-  2x4 FLUORESCENT FIXTURE ASSOCIATED CONTROL DEVICE  
FIXTURE TYPE (SEE LIGHT FIXTURE SCHEDULE)
-  1x4 FLUORESCENT FIXTURE
-  2x2 LED FIXTURE
-  FIXTURE WIRED TO SWITCHED EMERGENCY CIRCUIT
-  SINGLE POLE TOGGLE SWITCH
-  DIMMER SWITCH
-  OCCUPANCY SENSOR  
a. INDICATES CONTROLLED FIXTURE  
1 =HUBBELL CEILING SENSOR OMNIDT2000RP



**COMMUNICATION & DATA SYSTEMS**

-  COMBINATION VOICE/DATA SYSTEM OUTLET  
D-DATE LINE V-VOICE LINE  
(2)-INDICATES 2 OUTLETS, SINGLE BOX
-  CABLE TELEVISION SYSTEM OUTLET.




**POWER**

-  JUNCTION BOX
-  POWER/TELECOMMUNICATIONS POLE
-  HOSPITAL GRADE DUPLEX RECEPTACLE, NEMA 5-20R  
TR = TAMPER RESISTANT
-  DOUBLE DUPLEX (QUADRUPLEX) RECEPTACLE, NEMA 5-20R

**FIRE ALARM**

-  FIRE ALARM AUDIBLE/VISIBLE NOTIFICATION APPLIANCE (GENERAL EVACUATION)
-  FIRE ALARM VISIBLE ONLY NOTIFICATION APPLIANCE

**LINE TYPES**

-  EXISTING
-  NEW
-  DEMOLITION

**ABBREVIATIONS**

A,AMP AMPERE	AMP	AMPERE	LA LIGHTNING ARRESTER
AFF ABOVE FINISHED FLOOR	AFG ABOVE FINISHED GRADE	AHJ AUTHORITY HAVING JURISDICTION	LTG LIGHTING
AIC AMPERE INTERRUPTING CAPACITY	AWG AMERICAN WIRE GAUGE	BFG BELOW FINISHED GRADE	MC METAL CLAD
BOS BOTTOM OF STEEL	C CONDUIT, CONDUCTOR	CATV CABLE TELEVISION	MCB MAIN CIRCUIT BREAKER
CB CIRCUIT BREAKER	CCTV CLOSED CIRCUIT TELEVISION	CPT CONTROL POWER TRANSFORMER	MFR MANUFACTURER
CT CURRENT TRANSFORMER	CU COPPER	DACT DIGITAL ALARM COMMUNICATOR TRANSMITTER	MI MINERAL INSULATED
DB DISCONNECT	DN DOWN	EMT ELECTRICAL METALLIC TUBING	MLO MAIN LUG ONLY
DN DOWN	EWC ELECTRIC WATER COOLER	FAA FIRE ALARM ANNUNCIATOR	MTD MOUNTED
EMT ELECTRICAL METALLIC TUBING	EWC ELECTRIC WATER COOLER	FAFP FIRE ALARM CONTROL PANEL	MV MEDIUM VOLTAGE
EWG ELECTRIC WATER COOLER	FAA FIRE ALARM ANNUNCIATOR	FACP FIRE ALARM CONTROL PANEL	NC NORMALLY CLOSED
FAA FIRE ALARM ANNUNCIATOR	FAFP FIRE ALARM CONTROL PANEL	FBO FURNISHED BY OTHERS	NEC NATIONAL ELECTRICAL CODE
FAFP FIRE ALARM CONTROL PANEL	FBO FURNISHED BY OTHERS	FU FUSE	NEG NEGATIVE
FBE FURNISHED BY OTHERS	FU FUSE	FWE FURNISHED WITH EQUIPMENT	NEUT NEUTRAL
FU FUSE	FWE FURNISHED WITH EQUIPMENT	GEN GENERATOR	NIC NOT IN CONTRACT
FWE FURNISHED WITH EQUIPMENT	GEN GENERATOR	GFCI GROUND FAULT CIRCUIT BREAKER	NO NORMALLY OPEN
GEN GENERATOR	GFCI GROUND FAULT CIRCUIT BREAKER	GND GROUND	NTS NOT TO SCALE
GFCI GROUND FAULT CIRCUIT BREAKER	GND GROUND	HP HORSEPOWER	PF POWER FACTOR
GND GROUND	HP HORSEPOWER	HTR HEATER	PH PHASE
HP HORSEPOWER	HTR HEATER	IG ISOLATED GROUND	PVC POLYVINYL CHLORIDE
HTR HEATER	IG ISOLATED GROUND	IMC INTERMEDIATE METAL CONDUIT	RGS RIGID STEEL CONDUIT
IG ISOLATED GROUND	IMC INTERMEDIATE METAL CONDUIT	K KILO	RSC RIGID STEEL CONDUIT
IMC INTERMEDIATE METAL CONDUIT	K KILO	KCMIL THOUSAND CIRCULAR MILS	RTD RESISTANCE TEMPERATURE DETECTOR
K KILO	KCMIL THOUSAND CIRCULAR MILS	KV KILOVOLT	SN SOLID NEUTRAL
KV KILOVOLT	KV KILOVOLT	KVA KILOVOLT-AMPERE	STP SHIELDED TWISTED PAIR
KVA KILOVOLT-AMPERE	KVAR KILOVOLT-AMPERE REACTIVE	KW KILOWATT	STT SHIELDED TWISTED TRIPLET
KVAR KILOVOLT-AMPERE REACTIVE	KW KILOWATT	KWH KILOWATT-HOUR	SWBD SWITCHBOARD
KW KILOWATT	KWH KILOWATT-HOUR		SWGR SWITCHGEAR
KWH KILOWATT-HOUR			TOS TOP OF STEEL
			TRANSF TRANSFORMER
			TVSS TRANSIENT VOLTAGE SURGE SUPPRESSOR
			V VOLT
			VA VOLT-AMPERE
			VAR VOLT-AMPERE REACTIVE
			WM WATT METER
			WP WEATHER PROOF
			XFMR TRANSFORMER
			XP EXPLOSION PROOF

**GENERAL NOTES:**

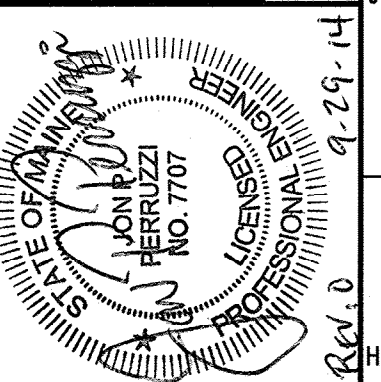
- ALL WORK SHALL BE PERFORMED IN ACCORDANCE WITH NFPA-70, NATIONAL ELECTRICAL CODE (NEC).
- UNLESS OTHERWISE NOTED CONVENIENCE RECEPTACLES SHALL BE MOUNTED 18-INCHES AFF, LIGHTING TOGGLE SWITCHES 48-INCHES AFF AND DATA SYSTEM OUTLETS 18-INCHES.
- AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY BRANCH CIRCUIT. UNLESS OTHERWISE NOTED WIRING SHALL BE 2#12 AWG CONDUCTORS AND #12 GND. WIRING ORIGINATING FROM EMERGENCY PANELBOARDS SHALL BE INSTALLED IN EMT. WHERE FISHED INTO EXISTING WALLS, WIRING IS PERMITTED TO BE MC CABLE. ALL OTHER BRANCH CIRCUIT WIRING SHALL BE HOSPITAL GRADE MC CABLE.
- LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE 120/277 VOLT, SIDE WIRED AND PROVIDED WITH GROUNDING SCREW. DIMMING SWITCHES SHALL BE LEVITON PART #IP710-LFZ
- CONVENIENCE RECEPTACLES SHALL BE HOSPITAL GRADE, GROUNDING TYPE NEMA 5-20R, SIDE WIRED.
- PROVIDE WALL PLATES FOR ALL WIRING DEVICES, NYLON SMOOTH TYPE.
- FIRE ALARM NOTIFICATION APPLIANCES SHALL BE COMPATIBLE WITH EXISTING SIEMENS SYSTEM.

**GENERAL NOTE**

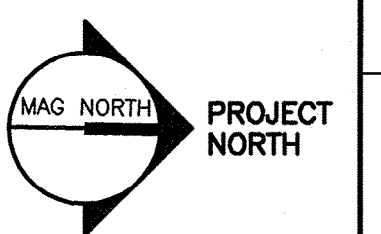
1. ALL GENERAL NOTES, SYMBOL LISTS, AND DETAILS ARE TO BE CONSIDERED AS APPLICABLE TO ALL ELECTRICAL DRAWINGS FOR THIS PROJECT. SYMBOLS AND ABBREVIATIONS SHOWN ON THIS SHEET ARE FOR REFERENCE ONLY AND DO NOT INDICATE THEIR INCORPORATION IN THE DESIGN.

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PROJECT NORTH:



MERCY HOSPITAL  
3S PULMONARY RENOVATIONS  
STATE STREET - PORTLAND, MAINE

ISSUED FOR CONSTRUCTION  
9-29-14

CURRENT ISSUE STATUS:

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	9-29-14

GRAPHIC SCALE:  
0' 1'

SCALE: NONE  
PROJECT MANAGER: KD  
JC/DRAWN BY: MDR / CDS  
A/E OF RECORD: JPP  
PROJECT NO: 14087  
SMRT FILE: E-001-14087  
DATE: 9-29-14

SHEET TITLE:  
**LEGEND AND  
GENERAL NOTES**

SHEET No.  
**E-001**