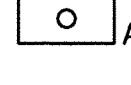
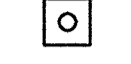


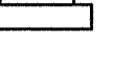
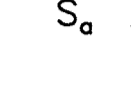
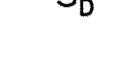



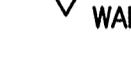





**LIGHTING**

-  2x4 FLUORESCENT FIXTURE ASSOCIATED CONTROL DEVICE FIXTURE TYPE (SEE LIGHT FIXTURE SCHEDULE)
-  2x2 FLUORESCENT FIXTURE
-  FIXTURE WIRED TO SWITCHED EMERGENCY CIRCUIT
-  DOWN LIGHT
-  WALL MOUNTED FIXTURE
-  SINGLE POLE TOGGLE SWITCH a. INDICATES CONTROLLED FIXTURE
-  DIMMER SWITCH
-  EXIT SIGN, CEILING MOUNTED ARROW INDICATES EGRESS DIRECTION SHADING INDICATES SIGN FACE





**COMMUNICATION & DATA SYSTEMS**

-  COMBINATION VOICE/DATA SYSTEM OUTLET D--DATE LINE V--VOICE LINE (2)--INDICATES 2 OUTLETS, SINGLE BOX
-  TELEPHONE SYSTEM WALL JACK
-  DATA SYSTEM OUTLET WAP = WIRELESS ACCESS POINT
-  CABLE TELEVISION SYSTEM OUTLET.




**POWER**

-  HOSPITAL GRADE DUPLEX RECEPTACLE, NEMA 5-20R E = INSTALLED ON EMERGENCY CIRCUIT
-  SINGLE RECEPTACLE, NEMA 5-20R u = SINGLE RECEPTACLE W/2 USB CHARGING PORTS

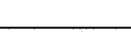

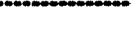
**FIRE ALARM**

-  FIRE ALARM SPEAKER/STROBE UNIT
-  FIRE ALARM VISIBLE ONLY NOTIFICATION APPLIANCE
-  FIRE ALARM MANUAL PULL STATION
-  PHOTOELECTRIC SMOKE DETECTOR, CEILING MOUNTED

**NURSE CALL SYSTEM**

-  NURSE CALL CALL LIGHT
-  NURSE CALL--CORD STATION
-  NURSE CALL PULL CORD

**LINE TYPES**

-  EXISTING
-  NEW
-  DEMOLITION

**ABBREVIATIONS**

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

**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.

**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.

144 Free Street P.O. Box 616  
Portland, Maine 04104  
Tel: (207) 772-3946  
Fax: (207) 772-1070  
www.smartinc.com

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PROJECT NORTH:

MERCY HOSPITAL  
4N TYLER SUITE RENOVATIONS  
STATE STREET - PORTLAND, MAINE

ISSUED FOR CONSTRUCTION  
8-27-14

CURRENT ISSUE STATUS:

REV	DESCRIPTION	DATE
0	ISSUED FOR CONSTRUCTION	8-27-14

GRAPHIC SCALE:  
0" 1"

SCALE: NONE  
PROJECT MANAGER: KD  
JC/DRAWN BY: MDR / CDS  
A/E OF RECORD: JPP  
PROJECT NO: 14108  
SMRT FILE: E-001-14108  
DATE: 8-27-14

SHEET TITLE:  
**LEGEND AND  
GENERAL NOTES**

SHEET No.  
**E-001**

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