## LIGHTING 1x4 FLUORESCENT FIXTURE -ASSOCIATED CONTROL DEVICE 0 b ~ 0 2x2 FLUORESCENT FIXTURE FIXTURE WIRED TO UNSWITCHED **EMERGENCY CIRCUIT** EXIT SIGN, CEILING MOUNTED ARROW INDICATES EGRESS DIRECTION >< SHADING INDICATES SIGN FACE EXIT SIGN, WALL MOUNTED **I** SHADING INDICATES SIGN FACE TOGGLE SWITCH -INDICATES CONTROLLED FIXTURE COMMUNICATION & DATA SYSTEMS TELEPHONE SYSTEM WALL JACK DATA SYSTEM OUTLET $\nabla$ (2)-INDICATES 2 OUTLETS, SINGLE BOX PAGING SYSTEM SPEAKER. CEILING MOUNTED PAGING SYSTEM SPEAKER. WALL MOUNT AT CEILING MOUNTED DATA SYSTEM OUTLET SECURITY SYSTEMS DPS MONITORED DOOR POSITION SWITCH CR CARD READER MG MAGNETIC LOCK REQUEST TO EXIT LOCATED IN DOOR STRIKE NURSE CALL SYSTEM PATIENT CALL BUTTON LINE TYPES **EXISTING** --- DEMOLITION

## **POWER**

JUNCTION BOX

HOSPITAL GRADE DUPLEX RECEPTACLE, NEMA 5-20R. INSTALLED ON EMERGENCY CIRCUIT (TYPICAL)

HOSPITAL GRADE GFI DUPLEX RECEPTACLE, NEMA 5-20R

HOSPITAL GRADE DOUBLE DUPLEX (QUADRUPLEX) RECEPTACLE, NEMA 5-20R

## FIRE ALARM

FIRE ALARM MANUAL PULL STATION

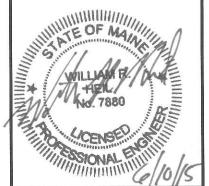
FIRE ALARM AUDIBLE/VISIBLE NOTIFICATION APPLIANCE (GENERAL EVACUATION)

FIRE ALARM VISIBLE ONLY NOTIFICATION APPLIANCE (110) — CANDELA INTENSITY-15/75 UNLESS OTHERWISE NOTED -CEILING MOUNTED

PHOTOELECTRIC SMOKE DETECTOR. CEILING MOUNTED -INDICATES AUXILIARY CONTACT.

## **GENERAL NOTES:**

- 1. 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, DATA SYSTEM OUTLETS 18-INCHES AFF, FIRE ALARM NOTIFICATION DEVICES 80-INCHES AFF OR 6-INCHES BELOW CEILING, WHICHEVER IS LOWER, AND FIRE ALARM MANUAL PULL STATIONS 48-INCHES TO TOP OF DEVICE.
- ALL PENETRATIONS THROUGH FLOORS, RATED WALLS AND PARTITIONS SHALL BE SEALED WITH UL APPROVED FIRE SEALANT MATERIAL TO MAINTAIN THE RATING OF SEPARATION.
- ALL ENCLOSURES, CONDUIT BODIES AND THEIR COVERS CONTAINING FIRE ALARM SYSTEM CONDUCTORS SHALL BE PAINTED RED.
- AN EQUIPMENT GROUNDING CONDUCTOR SHALL BE INSTALLED WITH EVERY FEEDER AND BRANCH CIRCUIT.
- UNLESS OTHERWISE NOTED WIRING SHALL BE 2#12 AWG CONDUCTORS AND #12 GND. HOME RUNS FED FROM 20A-1P CIRCUITS IN EXCESS OF 100 FEET SHALL BE #10 AWG.
- 7. LIGHTING TOGGLE SWITCHES SHALL BE COMMERCIAL SPECIFICATION GRADE 277 VOLT, SIDE WIRED AND PROVIDED WITH GROUNDING SCREW. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL. COORDINATE COLOR WITH OWNER.
- CONVENIENCE RECEPTACLES SHALL BE HOSPITAL GRADE GROUNDING TYPE NEMA 5-20R, SIDE WIRED. LEVITON, PASS AND SEYMOUR OR APPROVED EQUAL. COORDINATE COLOR WITH OWNER. ALL DEVICES AND COVER PLATE CIRCUITED TO THE EMERGENCY SYSTEM TO BE RED.
- PROVIDE WALL PLATES FOR ALL WIRING DEVICES, NYLON SMOOTH TYPE.
- 10. ALL WIRING SHALL BE 600V, COPPER WITH THHN/THWN INSULATION.



MERCY STATE STR 3B MODIFICATIONS PORTLAND, MAINE

PERMIT 15 06/10/ FOR STATUS:

SCALE: 1/4" = 1'-0"KD PROJECT MANAGER: RBB JC/DRAWN BY: A/E OF RECORD: WRH CAD FILE: E-001-15098 PROJECT NO: 15098 6/10/15 DATE:

ELECTRICAL LEGEND & GENERAL NOTES

SHEET No.

SHEET TITLE:

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