

GENERAL NOTES:

- . SEE SHEET E-001 FOR SEE SHEET E-001 FOR LEGEND AND
- 2. REMOVE FEEDER TO CONDENSING UNIT CU-2 BACK TO SOURCE.
 REMOVE CONNECTION AT CONDENSING UNIT CU-1, FEEDER
 REMAINS FOR REUSE. SEE MECHANICAL DRAWING MD-101 FOR
- 3. LEGEND AND GENERAL NOTES.
 4. COORDINATE LIGHT FIXTURE INSTALLATION WITH CEILIN

4. COORDINATE LIGHT FIXTURE INSTALLATION WITH CEILING "UNI-STRUT" SYSTEM.

DEMOLITION KEYED NOTES:

- REMOVE FIXTURES AND SWITCHES. FIXTURES AND EXISTING CIRCUITS TO BE SAVED FOR REUSE UNDER NEW WORK.
- REMOVE FEEDER SERVING EXISTING "ALLURA" EQUIPMENT. 125A BREAKER TO REMAIN FOR REUSE UNDER NEW WORK.
- REMOVE WIRE TROUGH, JUNCTION BOXES AND CONDUITS ASSOCIATED WITH IMAGING EQUIPMENT.
- REMOVE CEILING JUNCTION BOXES AND CONDUITS ASSOCIATED WITH IMAGING EQUIPMENT.
- REMOVE FLOOR JUNCTION BOX, FLOOR TROUGH AND CONDUITS ASSOCIATED WITH IMAGING EQUIPMENT.
- 6 EXISTING DOOR OPERATOR REMAIN.
- EXISTING RECEPTACLE REMAIN.
- 8 EXISTING TELE/DATA REMAINS.
- 9 REMOVE TELE/DATA JACK AND CABLES.
- REMOVE EXISTING "EMERGENCY" OFF BUTTON.
- code blue button remains.
- 12 REMOVE FEEDER TO AHU-2 BACK TO SOURCE.
- (13) REMOVE EXISTING LIGHTBOX.

LIGHTING KEYED NOTES:

- PROVIDE LIGHTING CONTROL CABINET WITH 24VAC CONTROL TRANSFORMER, ONE 24VAC RELAY WITH NORMALLY OPEN CONTACTS AND ONE 24VAC RELAY WITH NORMALLY CLOSED CONTACTS. INSTALL IN AN ACCESSIBLE LOCATION ABOVE CEILING. CONNECT AS REQUIRED BE SIEMENS.
- REINSTALL FIXTURE REMOVED DURING DEMOLITION TO NEW LOCATION.
- CONNECT FIXTURES INTO EXISTING NORMAL LIGHTING CIRCUITS
- CONNECT FIXTURES INTO EXISTING EMERGENCY LIGHTING CIRCUIT.
- PROVIDE NEW COLUMBIA 4PS22-317G-FSA12-EU OR EQUAL MOUNTED IN CEILING.

SYSTEMS KEYED NOTES:

- PROVIDE 3#12'S IN 34"C FROM DOOR CONTACTOR TO SYSTEMS CONTROL CABINET VIA PULLBOX.
- 2 PROVIDE NEW SYSTEM DEVICE.
- PROVIDE NEW TELE/DATA DROP MOUNTED FLUSH IN FLOOR FINISHED. USE WIREMOLD 880-OMNI FLOOR BOX PROVIDED UNDER POWER WORK. PROVIDE APPROPRIATE COVER PLATE.
- USE SECOND CHANNEL IN TROUGH PROVIDED UNDER NEW POWER WORK.

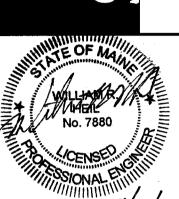
POWER KEYED NOTES:

- PROVIDE 5-#1/0 IN EXISTING CONDUIT FROM NEW PANEL MP TO EXISTING PANEL MDP1. CONNECT TO EXISTING 125A BREAKER.
- 2 PROVIDE 18" X 3 1/2" DUCT ABOVE CEILING. REFER TO SIEMENS DRAWING E-101 FOR EXACT LOCATION.
- PROVIDE 12" X 3 ¼" FLOOR TROUGH. REFER TO SIEMENS DRAWING E-101 FOR EXACT LOCATION.
- PROVIDE 10" X 3 ½" HORIZONTAL DUCT MOUNTED ON WALL. REFER TO SIEMENS DRAWING E-101 FOR EXACT LOCATION.
- PROVIDE 18" X 3 ½" VERTICAL DUCT, MOUNT IN WALL. BEGIN DUCT AT FLOOR DUCT AND EXTEND TO CEILING DUCT. REFER TO SIEMENS DRAWING E-101 FOR EXACT LOCATION.
- PROVIDE 10" X 3 ½" VERTICAL DUCT, MOUNT IN WALL. BEGIN DUCT AT FLOOR DUCT AND EXTEND TO CEILING DUCT. REFER TO SIEMENS DRAWING E-101 FOR EXACT LOCATION.
- PROVIDE 8" BUSHED OPENING IN BOTTOM OF CEILING DUCT. PROVIDE CORRESPONDING BUSHED OPENING IN CEILING.
- PROVIDE 6" BUSHED OPENING IN BOTTOM OF CEILING DUCT. PROVIDE CORRESPONDING BUSHED OPENING IN CEILING.
- PROVIDE 4" BUSHED OPENING IN FLOOR DUCT COVER.
- (10) PROVIDE 8"X8" ACCESS OPENING IN FLOOR DUCT.
- PROVIDE 18"X18"X4" PULLBOX MOUNTED FLUSH IN FINISHED WALL AT SHELF TOP LEVEL. PROVIDE BOX WITH REMOVABLE FRONT COVER AND 4" BUSHED OPENING IN CENTER OF COVER.
- PROVIDE PULLBOX MOUNTED FLUSH IN FINISHED WALL AT FLOORLINE. PROVIDE BOX WITH REMOVABLE FRONT COVER WITH 4" BUSHED OPENING AT BOTTOM OF COVER.
- PROVIDE 3#2'S AND 1#2 GND IN 1 ½" CONDUIT FROM PANEL MP TO POLYDOROS A100 VIA PULLBOX.
- PROVIDE 3#10'S AND #10 GND IN 34"C FROM PANEL MP TO UPS VIA PULLBOX.
- PROVIDE 3#10'S AND #10 GND IN 34"C FROM UPS TO SYSTEMS CONTROL CABINET VIA PULLBOX.
- PROVIDE 3#8'S AND #10 GND IN 34" FLEXIBLE CONDUIT FROM UPS TO TRANSFORMER.
- PROVIDE 2 ½" CONDUIT FROM "P1" TO "CU1". DO NO EXCEED A 62' RUN LENGTH.
- PROVIDE 2" CONDUIT FROM "VD1" TO "CU1". DO NOT EXCEED A 98' RUN LENGTH.
- PROVIDE EMERGENCY POWER OFF UNIT CONSISTING OF ONE SIEMENS 3SB3000-1HA20 EMERGENCY PUSH BUTTON ACTUATOR AND TWO SIEMENS 3SB3400-DC NORMALLY CLOSED CONTACTS (ONE FOR NORMAL POWER EMERGENCY OFF AND ONE FOR UPS EMERGENCY OFF.)
- PROVIDE 4#12'S IN 34"C BETWEEN EPO DEVICES, TO ESTABLISH A SERIES CONNECTION BETWEEN DEVICES.
- PROVIDE 2#12'S IN 34"C FROM EPO DEVICE TO PANEL "MP". CONNECT EPO DEVICE "NORMAL" CONTACTS TO UNDERVOLTAGE TRIP BREAKER AND UNDERVOLTAGE TRIP TRANSFORMER.
- PROVIDE 2#12'S IN 34"C FROM EPO DEVICE TO UPS VIA PULLBOX.
- PROVIDE PULLBOX MOUNTED FLUSH IN FINISHED WALL SIZED TO ACCOMMODATE UPS REMOTE MONITOR PANEL.
- PROVIDE 6#16'S IN 34"C FROM UPS TO REMOTE MONITOR PANEL.
- PROVIDE POWER FOR MACLAB TRAM—RAC SYSTEM. SEE GE MACLAB DRAWINGS FOR LOCATION AND CONNECTION REQUIREMENTS.
- PROVIDE CONNECTION IN UNDERFLOOR CONDUIT FROM MACLAB TRAM-RAC TO MACLAB IEB.
- PROVIDE CONNECTION IN ABOVE CEILING CONDUIT FROM PROCEDURE VIDEO MONITOR BREAKOUT BOX TO MACLAB IEB.
- PROVIDE NEW 20A CIRCUIT BREAKER IN SPACE 30 OF PANEL P1 TO SUPPLY 120V POWER TO LIGHT
- CONNECT NEW RECEPTACLE TO EXISTING 120V CIRCUIT LOCATED WITHIN THE EQUIPMENT ROOM.
- PROVIDE PANEL MP. REFER TO SIEMENS DRAWING FOR REQUIREMENTS.
- PROVIDE 2 ½" TROUGH FROM FLOOR MOUNTED RECEPTACLES TO WALL TO ACCOMMODATE A CONNECTION TO PANEL AEC2C. FOLLOW TRENCH CREATED FOR MACLAB TRAM—RAC SYSTEM.
- (32) 3/4" CONDUIT IN FLOOR SLAB.
- WIREMOLD 880-OMNI OR EQUAL WITH BRUSHED ALUMINUM COVER COORDINATE LOCATION WITH ARCHITECTURAL PLANS.

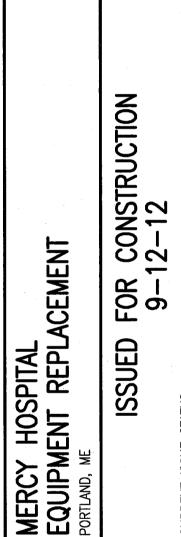
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PLANNING NTERIOR DESIGN COMMISSIONING









GRAPHIC SCALE:

0"

1"

SCALE:

AS NO

SCALE: AS NOTED
PROJECT MANAGER: KD
JC/DRAWN BY: RBB
A/E OF RECORD: WRB
CAD FILE: E-100-12076.DWG
PROJECT NO: 12076

9-12-1

SHEET TITLE:
ELECTRICAL
PLANS

E-100