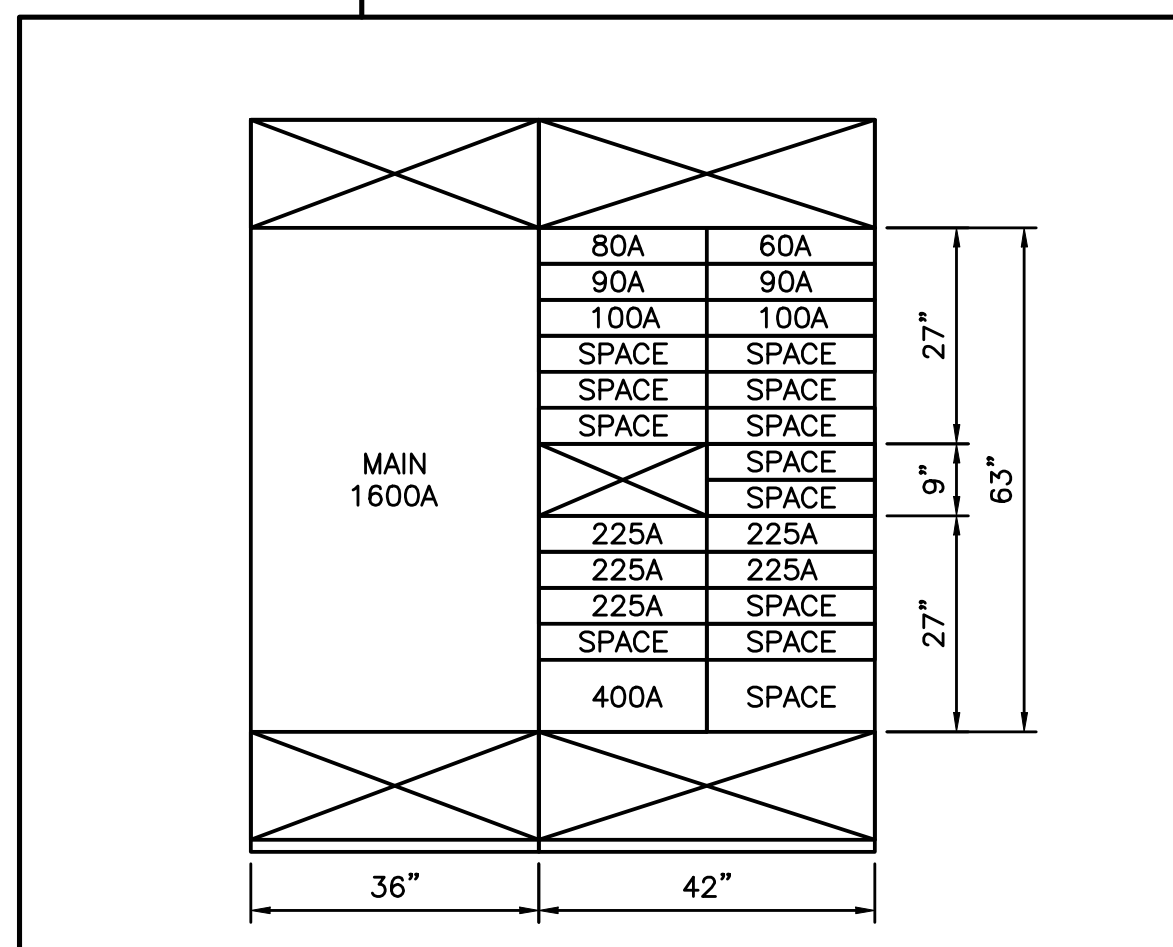


- NOTE:**
- SEE SHEET E-001 FOR LEGEND AND GENERAL NOTES.
 - FURNISH AND INSTALL ALL BRANCH CIRCUIT WIRING AND DEVICES AS INDICATED ON POWER PLANS AND UPP1 PANEL SCHEDULE. ROUTE WIRING TO PULLBOX W/ 15 FEET OF EXCESS, LABEL, AND NEATLY COIL FOR FUTURE CONNECTION TO UPP1 BY UPS INSTALLER.
 - FURNISH AND INSTALL MUSHROOM TYPE EMERGENCY STOP PUSHBUTTON W/ 2 SETS OF N.O. AND N.C. CONTACTS. (STI SERIES 2000 STOPPER STATION W/ YELLOW HOUSING, PUSH TO ACTIVATE/TURN TO RESET RED PUSH BUTTON, AND LEXAN FLIP TOP COVER).
 - PROVIDE 4#18AWG UTP CONTROL WIRING FROM ONE SET OF EMERGENCY STOP PUSH BUTTON CONTACTS WIRED IN PARALLEL W/ GASEOUS FIRE PROTECTION CONTROL PANEL CONTACTS TO JUNCTION BOX MOUNTED ABOVE UPS W/ 15 FEET EXCESS, LABELLED AND COILED FOR UPS REMOTE SHUTDOWN INPUT CONNECTIONS BY UPS INSTALLER.
 - PROVIDE 120V SHUNT TRIP CONTROL POWER WIRED IN SERIES VIA NORMALLY CLOSED EMERGENCY STOP PUSHBUTTON AND GASEOUS FIRE PROTECTION CONTROL PANEL DRY CONTACTS TO AC-1 AND AC-2 SHUNT TRIP BREAKERS. ACTIVATION OF PUSHBUTTON OR GASEOUS FIRE PROTECTION SYSTEM SHALL DE-ENERGIZE AC-1 AND AC-2. SEE EP402 FOR ADDITIONAL INFORMATION.
 - FURNISH AND INSTALL UPS FEEDER WIRING TO UPS PULLBOX W/ 15 FEET OF EXCESS, LABEL, AND NEATLY COIL FOR FUTURE CONNECTION TO UPS PDU BY UPS INSTALLER.

- CABLE SCHEDULE:**
- 1 4#600 KCMIL/Ø (12 CONDUCTORS) & 4#600 KCMIL NEUTRALS, 4-#3/0 GNDS, 4-4"C
 - 2 4#500 KCMIL & #3 GND, 4"C
 - 3 4#4/0 AWG & #2 GND, 2"C
 - 4 3#2 AWG & #6 GND, 1-1/4"C
 - 5 4#4/0 AWG, 2#4/0 NEUTRALS, & #2 GND, 2-1/2"C
 - 6 4#2 AWG & #8 GND, 1-1/4"C
 - 7 3#6 AWG & #8 GND, 1"C
 - 8 4#500 KCMIL & #1/0 GND, 4"C
 - 9 3#4 AWG & #8 GND, 1"C
 - 10 4#1/0 AWG & #6 GND, 2"C
 - 11 4#6 AWG & #10 GND, 1"C
 - 12 3#2 AWG & #8 GND, 1-1/4"C
 - 13 3#8 AWG & #10 GND, 3/4"C
 - 14 3#6 AWG & #10 GND, 1"C
 - 15 3#3/0 AWG & #6 GND, 2"C
 - 16 4#2 AWG & #8 GND, 4"C



A13 MDP - FRONT VIEW

NOT TO SCALE DEPTH 24"

SM SRT

ARCHITECTURE ENGINEERING PLANNING

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PROJECT TITLE: MAINE TURNPIKE AUTHORITY ADMINISTRATION BUILDING PORTLAND, MAINE

CURRENT ISSUE STATUS: ISSUED FOR BIDDING/CONSTRUCTION 7-9-07

REV	DESCRIPTION	DATE
0	BIDDING/CONSTRUCTION	7-9-07

GRAPHIC SCALE: 0" 1"

SCALE: AS NOTED

PROJECT MANAGER: SLB
JC/DRAWN BY: TCM/CDS
A/E OF RECORD: DJT
CAD FILE: EP651-06016
PROJECT NO: 06016
DATE: 7-9-07

SHEET TITLE: ELECTRICAL ONE LINE DIAGRAM

SHEET No. EP651