

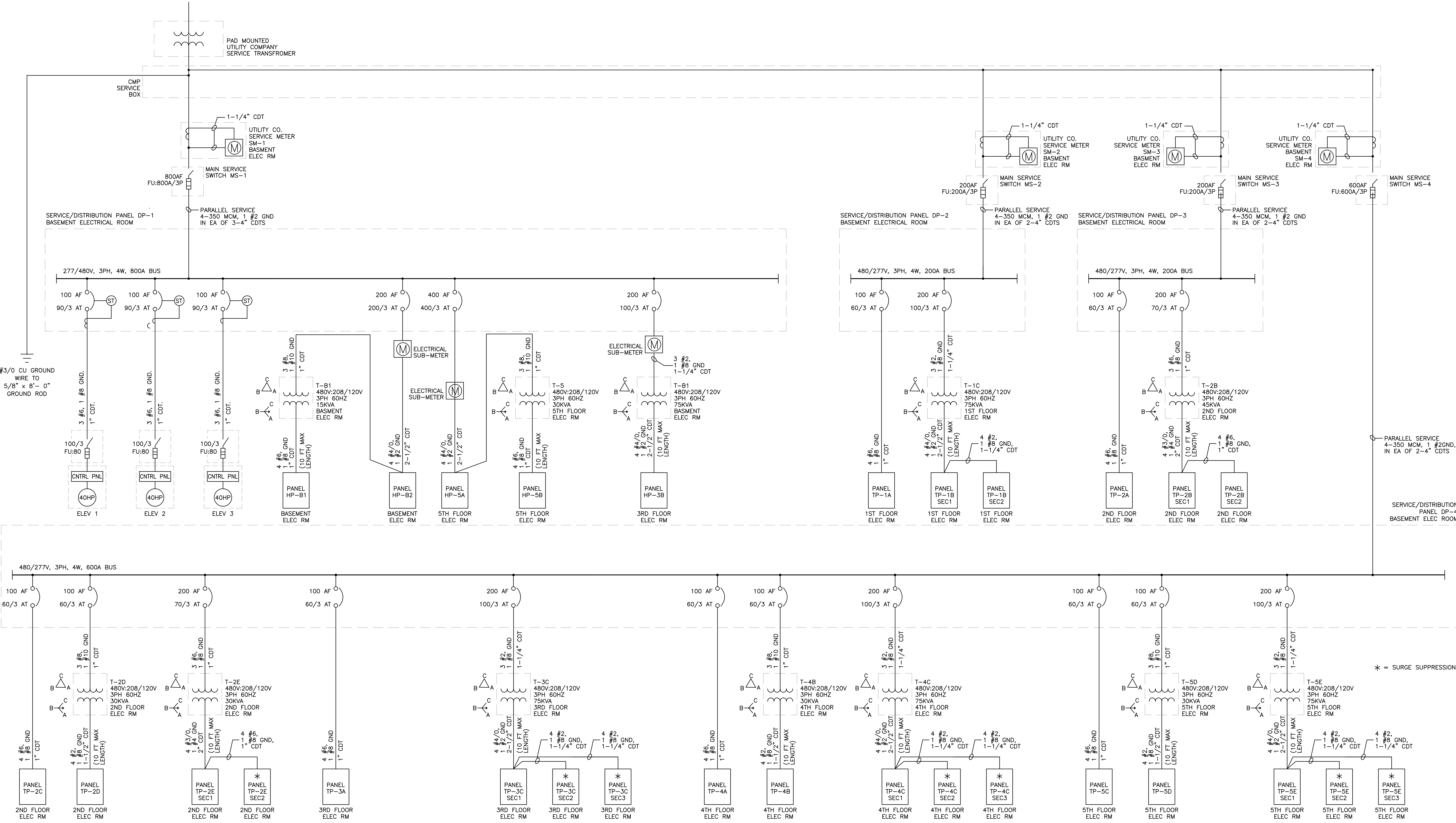
- SYMBOL DESCRIPTION**
- 125V, 20A, DUPLEX GROUNDED RECEPTACLE
 - GFI = Ground Fault Interrupt
 - AC = Above Counter or Sink
 - WP = Weatherproof
 - TR = Technology Receptacle
 - WN = Wireless Network Outlet (12" below the clg)
 - QUAD RECEPTACLE
 - 250V, SINGLE GROUNDED RECEPTACLE
 - Indicates Ampere Rating
 - DUPLEX DATA PROCESSING OUTLET
 - TELEPHONE OUTLET
 - W = Wall Mounted Height 48"
 - COMBINATION DATA/TELEPHONE OUTLET
 - RECESSED FLOOR BOX
 - (Contents May Vary, See Plan for Details)
 - CABLE TELEVISION OUTLET
 - JUNCTION BOX
 - WALL MOUNTED JUNCTION BOX
 - CONTROL PANEL
 - (See Plan for Details)
 - ELECTRICAL PANELBOARD
 - (See Plan for Details and Mounting)
 - DOOR HOLDER
 - MOTOR STARTER
 - UNFUSED DISCONNECT SWITCH
 - FU = Fused
 - No. of Poles
 - Ampere Rating
 - MANUAL MOTOR STARTER
 - DOORBELL
 - PUSHBUTTON
 - WALL MTD MOTION DETECTOR
 - CLG MTD MOTION DETECTOR
 - SECURITY SYSTEM CCTV CAMERA
 - SECURITY SYSTEM CARD READER
 - SECURITY SYSTEM KEYPAD
 - FIRE ALARM AUDIO/VISUAL INDICATOR
 - Indicates Visual Only, No Horn
 - Candela Rating
 - FIRE ALARM PULL STATION
 - FIRE ALARM HEAT DETECTOR
 - FIRE ALARM SMOKE DETECTOR
 - Indicates Duct Mounted
 - FIRE ALARM WALL MOUNTED SMOKE DETECTOR
 - FIRE ALARM TAMPER SWITCH
 - FIRE ALARM FLOW SWITCH
 - PROJECTION SPEAKER
 - WALL MOUNTED SPEAKER
 - CEILING MOUNTED SPEAKER
 - COMBINATION SPEAKER/CLOCK
 - CLOCK
 - MICROPHONE OUTLET
 - INTERCOM CALL STATION

ELECTRICAL PLAN & SINGLE LINE SYMBOLS

- SYMBOL DESCRIPTION**
- RECESSED/SURFACE MOUNTED 1X4 LIGHTING FIXTURE
 - Fixture Designation
 - Switching Control Designation (See Lighting Fixture Schedule for Details)
 - RECESSED/SURFACE MOUNTED 2X4 LIGHTING FIXTURE
 - Fixture Designation
 - Switching Control Designation (See Lighting Fixture Schedule for Details)
 - RECESSED/SURFACE MOUNTED 2X2 LIGHTING FIXTURE
 - Fixture Designation
 - Switching Control Designation (See Lighting Fixture Schedule for Details)
 - RECESSED/SURFACE MOUNTED CIRCULAR LIGHTING FIXTURE
 - Fixture Designation
 - Switching Control Designation (See Lighting Fixture Schedule for Details)
 - RECESSED/SURFACE MOUNTED ACCENT LIGHTING FIXTURE
 - Fixture Designation
 - Switching Control Designation (See Lighting Fixture Schedule for Details)
 - WALL MOUNTED LIGHTING FIXTURE
 - Fixture Designation
 - Switching Control Designation (See Lighting Fixture Schedule for Details)
 - WALL MOUNTED EMERGENCY LIGHTING FIXTURE
 - Fixture Designation
 - Switching Control Designation (See Lighting Fixture Schedule for Details)
 - CEILING MOUNTED EMERGENCY LIGHTING FIXTURE
 - Fixture Designation
 - Switching Control Designation (See Lighting Fixture Schedule for Details)
 - WALL MOUNTED EXIT SIGN
 - Fixture Designation
 - Provide Directional Arrows as Indicated on Plans
 - CEILING MOUNTED EXIT SIGN
 - Fixture Designation
 - Provide Directional Arrows as Indicated on Plans
 - LIGHTING/DEVICE SWITCH
 - 3 = Three-Way Type
 - 4 = Four-Way Type
 - WP = Weatherproof
 - PL = Pilot Light
 - Switching Control Designation (See Plans for Details)
 - LIGHTING DIMMER
 - 3 = Three-Way Type
 - 4 = Four-Way Type
 - Switching Control Designation (See Plans for Details)
 - TEMPERATURE CONTROL PANEL
 - Provided Under Div 15
 - Wired Under Div 16
 - VARIABLE FREQUENCY DRIVE
 - Provided Under Div 15
 - Wired Under Div 16
 - MOTOR OPERATED DAMPER
 - Provided Under Div 15
 - Wired Under Div 16
 - HOMERUN TO PANELBOARD
 - Indicates No. of Wires, Excluding Ground
 - Circuit No.
 - Panelboard Designation
- SYMBOL DESCRIPTION**
- Ampere Frame Rating
 - CIRCUIT BREAKER
 - Ampere Trip Rating
 - ELECTRICAL CONNECTION
 - GROUND CONNECTION
 - EQUIPMENT ENCLOSURE
 - TRANSFORMER
 - Fuse Rating
 - DISCONNECT SWITCH
 - No. of Poles
 - Ampere Rating
 - UTILITY CO. SERVICE METER
 - SHUNT TRIP
 - ENCLOSED CIRCUIT BREAKER
 - MOTOR

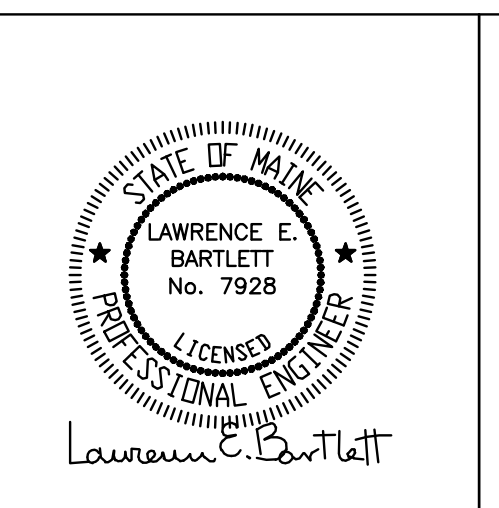
* NOTE NOT ALL SYMBOLS USED *

SCALE: NONE ELECTRICAL SYMBOLS 2



* = SURGE SUPPRESSION

SCALE: NONE SINGLE LINE DIAGRAM 1



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REV #	DATE	DESCRIPTION

Renovations To:
CUMBERLAND COLD STORAGE BUILDING
 Merrill's Wharf, Portland, Maine

Permit Set
 Not For Construction

SINGLE LINE DIAGRAM & ELECTRICAL SYMBOLS
E3.1
 09. 23. 2010