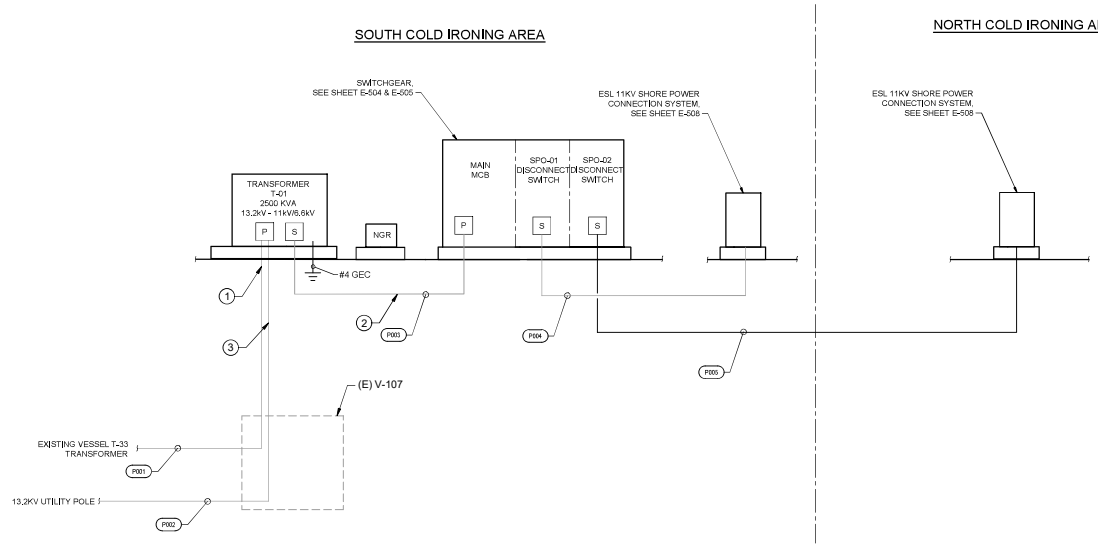
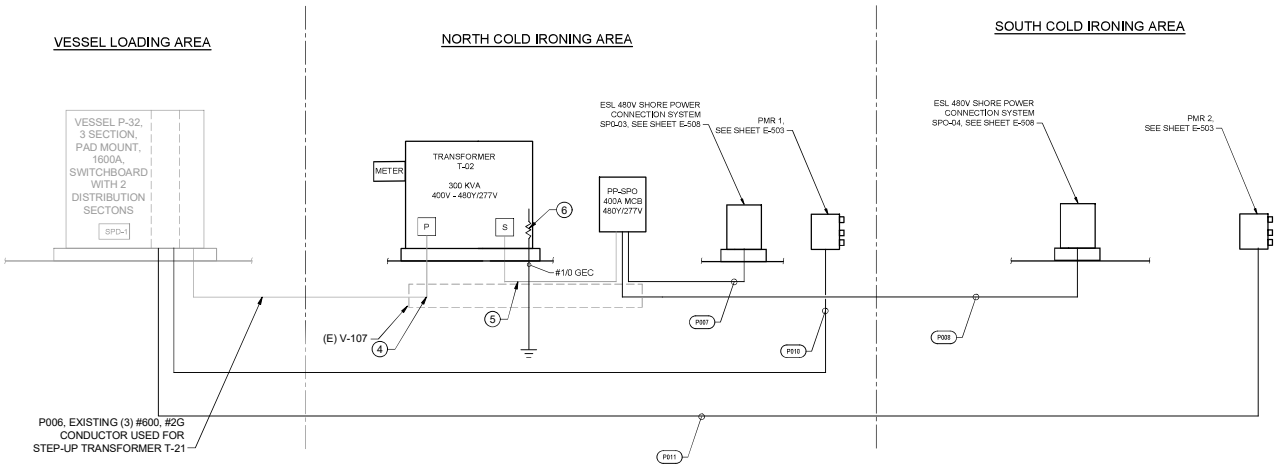


C1 E-604 MEDIUM VOLTAGE SHORE POWER ONELINE
SCALE: NTS



A1 E-604 LOW VOLTAGE SHORE POWER ONELINE
SCALE: NTS

KEYNOTES:

1. PULL EXISTING (3) #2/0, #4G FROM DECOMMISSIONED COLD IRONING TRANSFORMER T-21 TO THE PRIMARY SIDE OF INSTALLED TRANSFORMER T-01 .
2. USE EXISTING (3) #1/0, #4G CONDUCTORS FROM DECOMMISSIONED TRANSFORMER T-21 TO DECOMMISSIONED COLD IRONING DISCONNECT D-21 T0 RUN THE CIRCUIT FROM TRANSFORMER T-01 TO SWITCHGEAR MAIN BREAKER.
3. PULL EXISTING (3) #2/0, #4G FROM DECOMMISSIONED COLD IRONING TRANSFORMER T-21 GOING BACK TO THE 13.2KV UTILITY POLE METER TO THE PRIMARY SIDE OF TRANSFORMER T-01.
4. PULL EXISTING (3) #600, #2G BACK FROM DECOMMISSIONED ISOLATION TRANSFORMER T-22 TO EXISTING VAULT V-107 AND ROUTE IT TO THE PRIMARY SIDE OF TRANSFORMER T-02.
5. USE REMAINING EXISTING (3) #600, #2G CONDUCTORS FROM KEYNOTE #3 T0 RUN THE SHORT LENGTH OF CONDUCTORS FROM TRANSFORMER T-02 TO PANEL BOARD PP-SPO.
6. TRANSFORMER SHALL INCLUDE IMPEDANCE GROUND. THE NEUTRAL GROUND RESISTOR SHALL BE 26 OHMS AND THE MINIMUM RATING SHALL BE 15A 5s AND 5A CONTINUOUS.

REVISION NAME-YYYY-MM-DD
FOR (SUBMITTAL NAME)
ISSUED: YYYY-MM-DD
NOT TO BE USED FOR CONSTRUCTION

CONNECTICUT Port Authority

Mark	Description	Date	Appr

STATE PIER BERTH ELECTRIFICATION
STATE PIER COMPLEX
NEW LONDON, CONNECTICUT

ONE-LINE DIAGRAM

Designed by: DSGN
Date: DATE
Rev: REVNO
Drawn by: DRFT
Ckd by: CHKR
M&N Project No: 250604
Reviewed by: REVR
Drawing code:
Submitted by: SUBMITTER'S NAME MOFFATT & NICHOL
Drawing Scale:
Plot scale: 1:1 (D SHEET)

moffatt & nichol
180 WELLS AVENUE, SUITE 302
NEWTON, MA 02459
617-299-7330

SEAL

Sheet Reference No.
E-604
INDEX: INDX OF ----

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DRAWING SCALES SHOWN BASED ON 22"X34" DRAWING