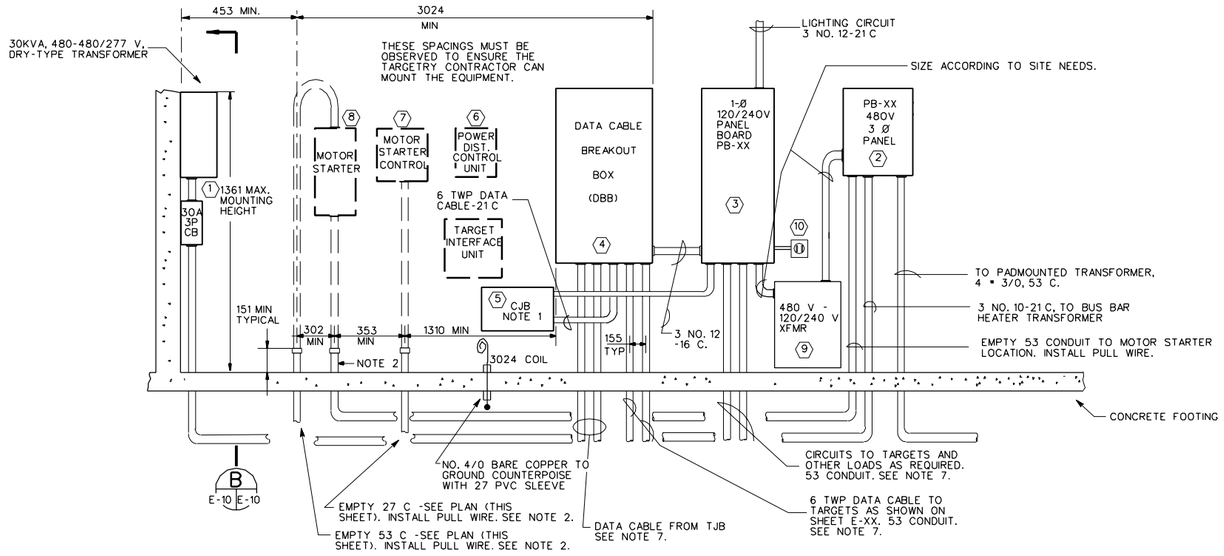
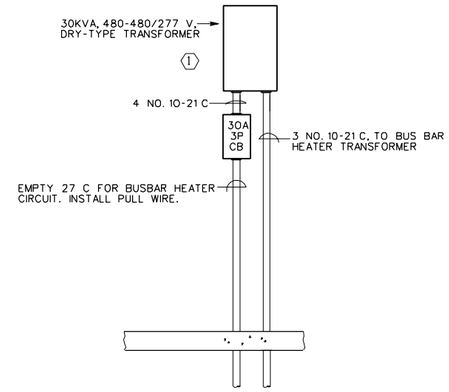
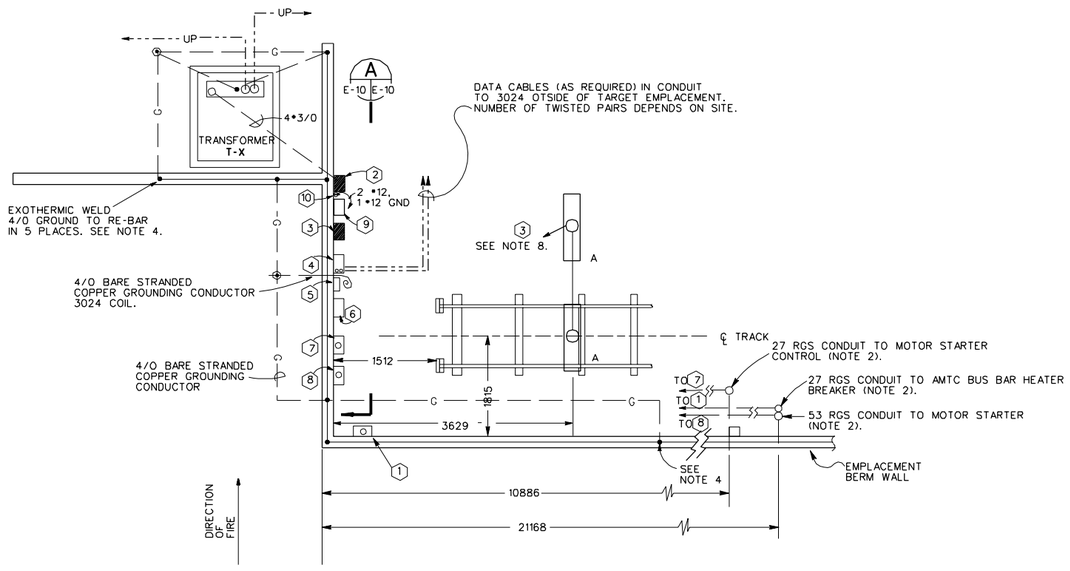


SECTION A
N.T.S.
E-10 E-10



SECTION B
N.T.S.
E-10 E-10



(AMTC) POWER CENTER ELECTRICAL PLAN 1
N.T.S.
E-XX E-10

NOTES:

1. MOUNT CABLE JUNCTION BOX (CJB) ON WALL, 454 AFF (TO BOTTOM OF BOX).
2. EXTEND CONDUITS 454 BELOW GRADE OR FINISHED GROUND LEVEL. INSTALL PULL WIRE, AND CAP CONDUITS.
3. DO NOT MOUNT ANY ELECTRICAL PANELS OR JUNCTION BOXES AGAINST CONCRETE. PROVIDE MOUNTING SUPPORTS.
4. BOND GROUNDING CONDUCTORS TO THE REINFORCING BARS IN THE RETAINING WALL AND FOOTINGS.
5. EXTEND CONDUIT 3024 BEYOND TARGET EMPLACEMENT.
6. MAXIMUM MOUNTING HEIGHT FOR ALL EQUIPMENT IS 1361.
7. CONDUITS TO EXTEND TO 3024 OUTSIDE EMPLACEMENTS.
8. NOTE TO DESIGNER: DELETE THESE LIGHTING FIXTURES WHERE NO TARGET SHELTER IS PROVIDED.
9. EQUIPMENT LAYOUT IS MIRROR IMAGE FOR AMTC EMPLACEMENTS WITH ORIENTATIONS OPPOSITE THAT SHOWN.

LEGEND

1. AMTC BUS BAR HEATER BREAKER AND 30 KVA DRY-TYPE TRANSFORMER
2. 480 V, 3-PHASE PANEL
3. 120/240 V, 1-PHASE PANELBOARDS
4. DBB
5. CJB
6. PDCU & TIU (BY OTHERS)
7. MOTOR STARTER CONTROL (BY OTHERS)
8. MOTOR STARTER (BY OTHERS)
9. 480 - 120/240V TRANSFORMER
10. 20 A. RECEPTACLE - 2 •12, 1 •12 GND

N.I.C.- NOT IN CONTRACT

US Army Corps of Engineers

Symbol	Description	Symbol	Description	Date	Approved	Date	Approved

Designed by: N/A
Dwn by: JTP
Ckd by: MLR
Reviewed by: WLS
Submitted by: RNM
Date: 01 APR 98
Rev.
Design file no.
Drawing code: STD 179-90-01
File name: STDE10.DGN
Plot date: 20 MAR 98
Plot scale: FULL

U.S. ARMY ENGINEERING AND SUPPORT CENTER, HUNTSVILLE
HUNTSVILLE, ALABAMA

FORCE XXI/FORCE MODERNIZATION PROGRAM
STANDARD DESIGN

AMTC EMPLACEMENT

Sheet reference number:
E-10
Sheet of