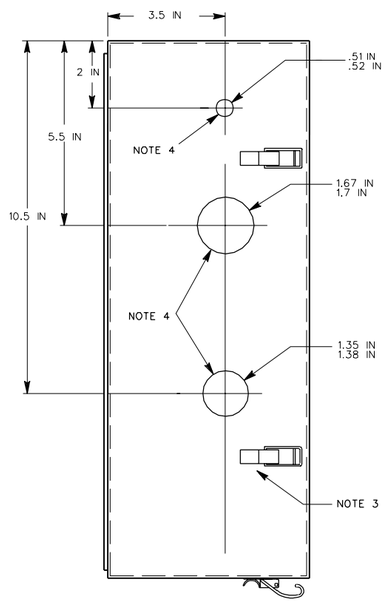
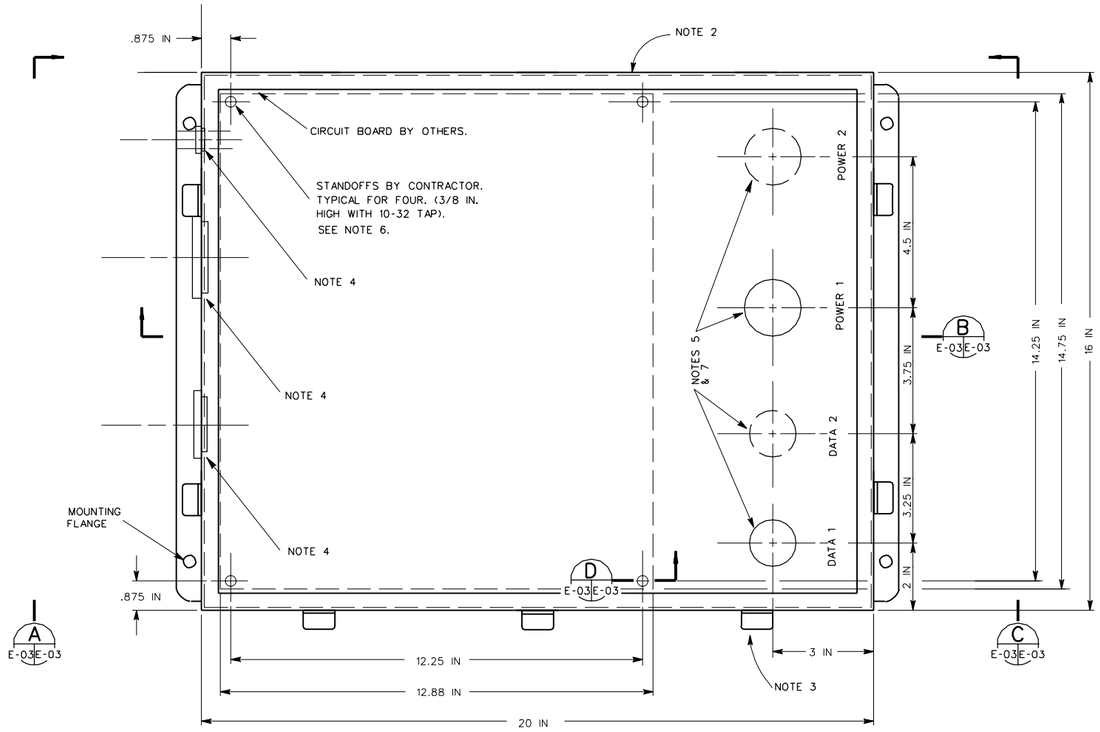
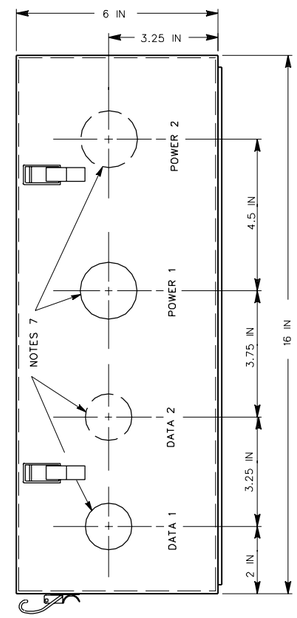



END VIEW A E-03 E-03
N.T.S.



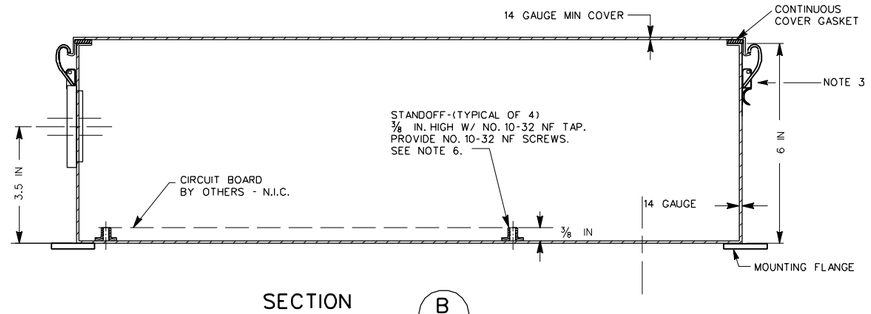




END VIEW C E-03 E-03
N.T.S.

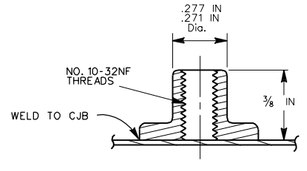
THIS VIEW OF PENETRATIONS
FOR USE AT AMTC
EMPLACEMENT ONLY.

NOTES:

1. ENCLOSURE SHALL BE 14 GAUGE MIN., GALVANIZED STEEL SHEET METAL, NEMA TYPE 4 ENCLOSURE, IN ACCORDANCE WITH NEMA 250, WITH DIMENSIONS AS SHOWN. ENCLOSURES SUBJECT TO SALT LADEN OR OTHER CORROSIVE ATMOSPHERES SHALL BE FINISHED WITH AN EPOXY OR ALKDY-RESIN TYPE PAINT IN ADDITION TO THE GALVANIZED COATING. ENCLOSURES SHALL HAVE A MEANS OF MOUNTING AS SHOWN. BOLT DOWN ENCLOSURE AT EACH EMPLACEMENT. ENCLOSURE SHALL BE FOR OUTDOOR APPLICATION.
2. USE A CONTINUOUS HINGE ON THIS SIDE TO ATTACH COVER.
3. SPRING CLIP (FAST-OPERATING JUNCTION BOX CLAMP HOFFMAN PART NO. A-L23 OR APPROVED EQUAL.).
4. ENCLOSURE SUPPLIER SHALL PREPUNCH THESE PENETRATIONS. SEAL PENETRATION WITH TEMPORARY WATERPROOF SEAL.
5. SIZE PENETRATIONS AS REQUIRED FOR CABLE SEAL FITTING BODY DIAMETER. COORDINATE THE EXACT NUMBER OF PENETRATIONS WITH THE NUMBER OF CABLES ENTERING THE BOX AT EACH LOCATION. KNOCK-OUTS ARE NOT PERMITTED.
6. LOCATION OF STANDOFFS IS CRITICAL. TOP OF STANDOFFS WILL BE FREE OF PAINT AND RUST, AND WILL BE COATED WITH AN ELECTRICALLY CONDUCTIVE, OXIDE-INHIBITING COMPOUND. PROVIDE ½ INCH LONG NO. 10-32 NF MOUNTING SCREWS. STANDOFFS SHALL BE WELDED TO CJB.
7. CONTRACTOR SHALL PROVIDE SEAL FITTINGS AS SHOWN ON SHEET E-04, SECTION "B."
8. DIMENSIONS AND CORRECT INSTALLATION OF THIS ITEM ARE CRITICAL. THIS IS A TARGET INTERFACE ITEM.




SECTION B E-03 E-03
N.T.S.




STAND OFF SECTION D E-03 E-03
N.T.S.

US Army Corps of Engineers

| Symbol | Description | Date | Approved | Symbol | Description | Date | Approved |
|---|---|---|---|---|---|---|---|
| | | | | | | | |

Designed by: N/A
Dwn by: JTP
Ckd by: MLR
Reviewed by: WLS
Submitted by: RNM
Date: 01 APR 98
Design file no.
Drawing code: STD 179-00-01
File name: STDE03.DGN
Plot date: 20 MAR 98
Plot scale: FULL
Rev.

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

FORCE XXI/FORCE MODERNIZATION PROGRAM
STANDARD DESIGN

CABLE JUNCTION BOX
CONSTRUCTION DETAILS

Sheet reference number:
E-03
Sheet of