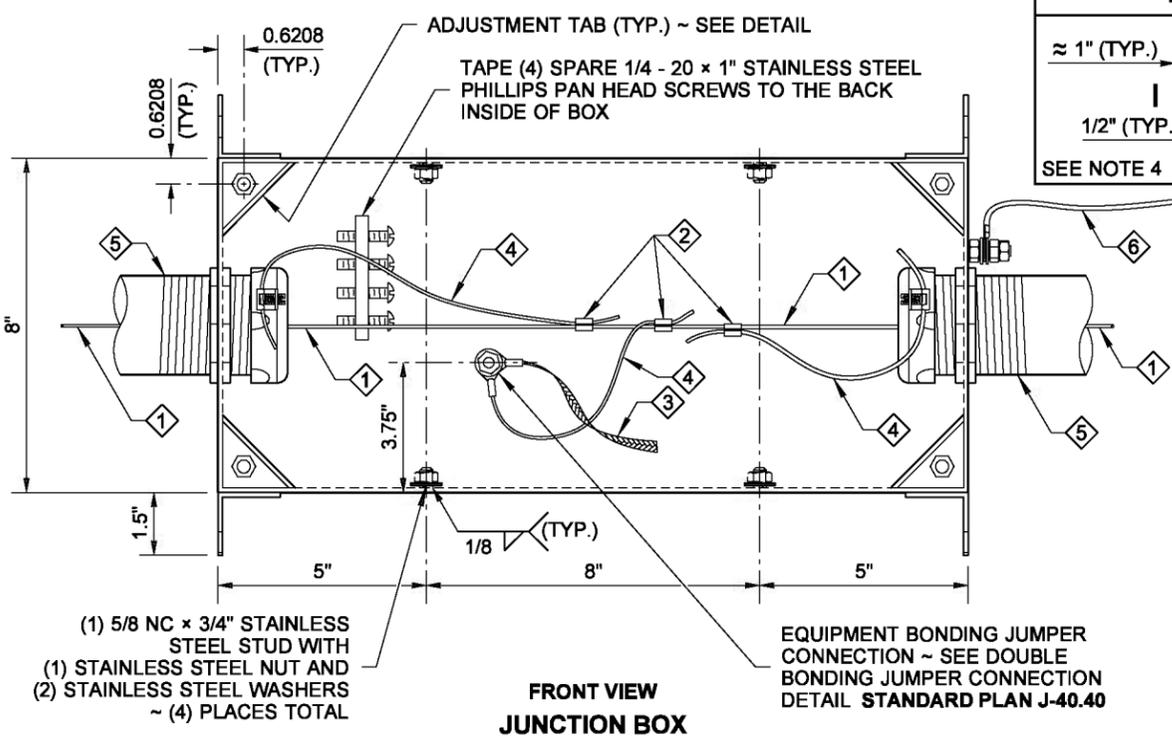
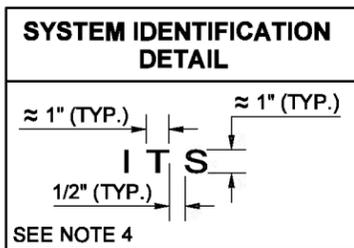
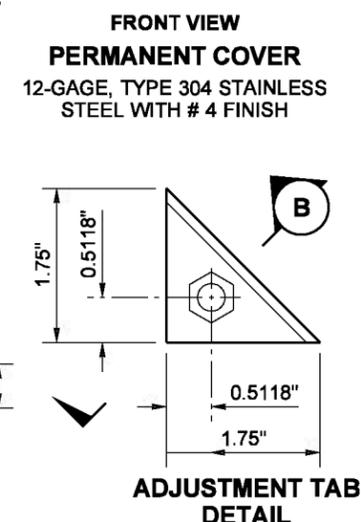
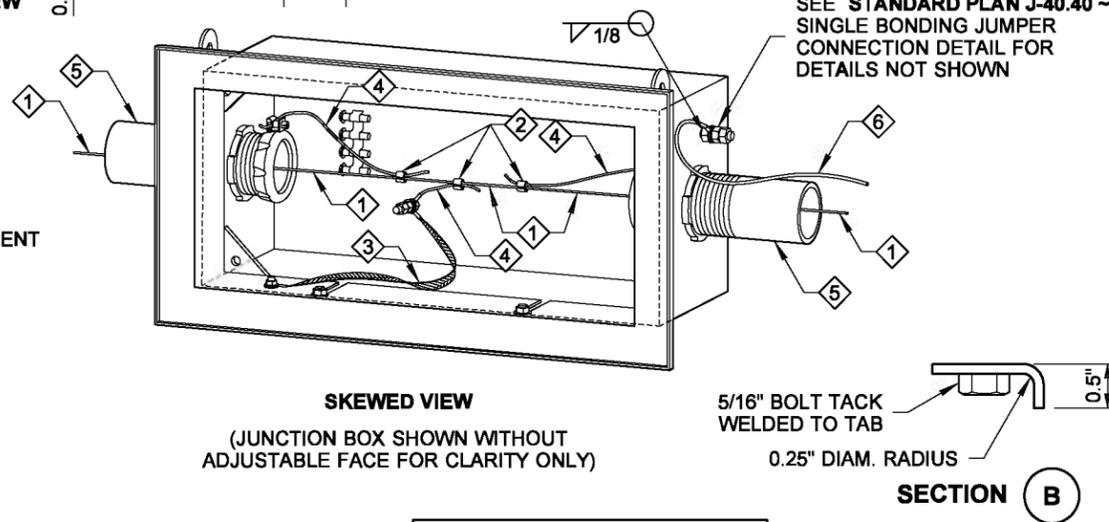
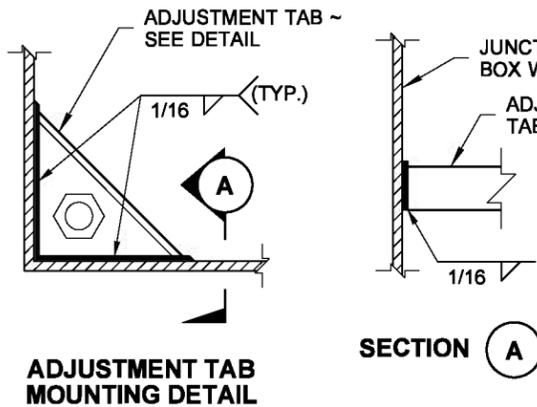


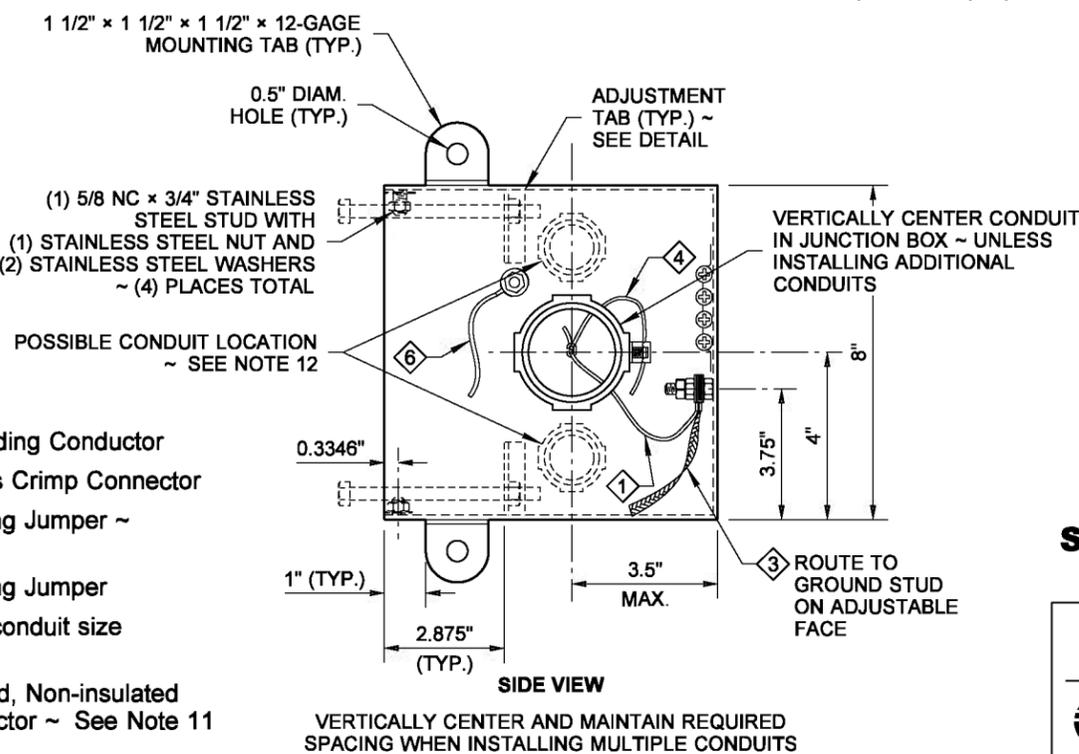
NOTES

1. Junction Box shall be constructed of 12-gage, Type 304 stainless steel with welded seam construction. Finish shall be # 2B for backbox and # 4 for the cover. Mounting Tabs shall be constructed of 12-gage, Type 304 stainless steel.
2. Holes for conduit(s) shall be field drilled or punched in box ends. See SIDE VIEW.
3. Fittings shall be UL listed and CSA-certified concrete tight on the outside of the Junction Box conduit connection. Use an insulated, grounded end bushing on the inside for GRS conduit.
4. The System Identification letters shall be 1/8" line thickness formed by engraving, stamping, or with a stainless steel weld bead. See **Standard Specification 9-29.2(4)** for details.
5. Liberally coat the threads of the cover fasteners with anti-seize compound during construction and before final closure.
6. Detail shown for box installation is Slip-Form Traffic Barrier.
7. Conduit capacity = 8".
8. Conduits shall enter the Junction Box from the ends as shown.
9. This Junction Box type shall not be surface mounted. For Surface-Mounted Junction Boxes, see **Standard Plans J-40.38 and J-40.39**.
10. Equipment Bonding Jumper shall be # 8 AWG (min.) x 1 foot of tinned, braided copper.
11. When converting RMC to PVC in Stationary-Form Barriers, route a # 8 Stranded, Non-Insulated Grounding Conductor along Conduit, secure Conductor to Conduit with clamp as shown on Conduit Deflection Fitting "B" detail, convert RMC to PVC in Stationary-Form Barrier (per **Standard Plan J-60.11**): omit Conductor when this detail is not used.
12. When additional Conduits are required, Bonding and Grounding wiring shall match configuration as shown in the perspective view. See Contract for number and size of additional Conduits.
13. Apply a 3/16" bead of caulk around Junction Box body and Adjustable Face to provide a proper seal prior to installation.

DRAWN BY: LISA CYFORD



- ① Equipment Grounding Conductor
- ② Copper Solderless Crimp Connector
- ③ Equipment Bonding Jumper ~ See note 10
- ④ Equipment Bonding Jumper
- ⑤ See Contract for conduit size and number
- ⑥ # 8 AWG Stranded, Non-insulated Grounding Conductor ~ See Note 11

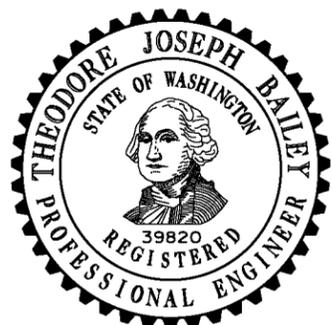
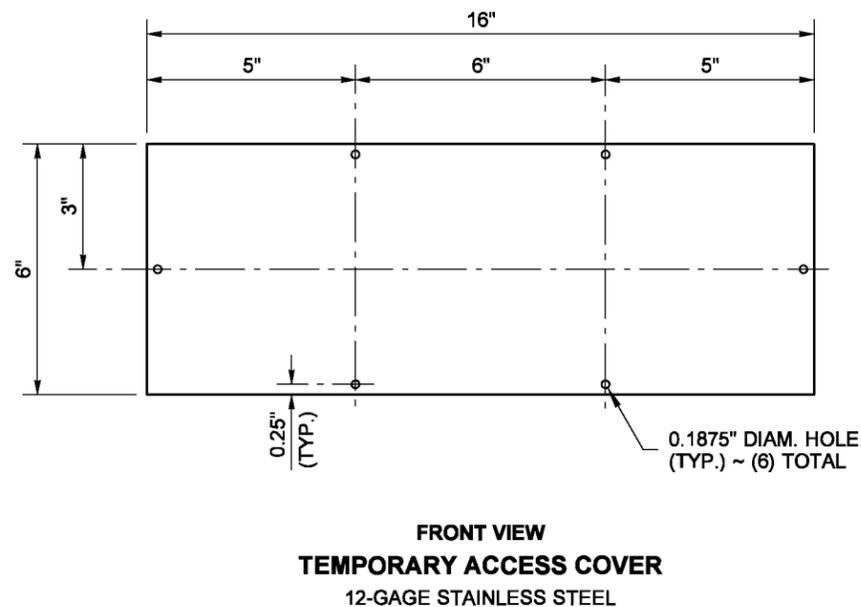
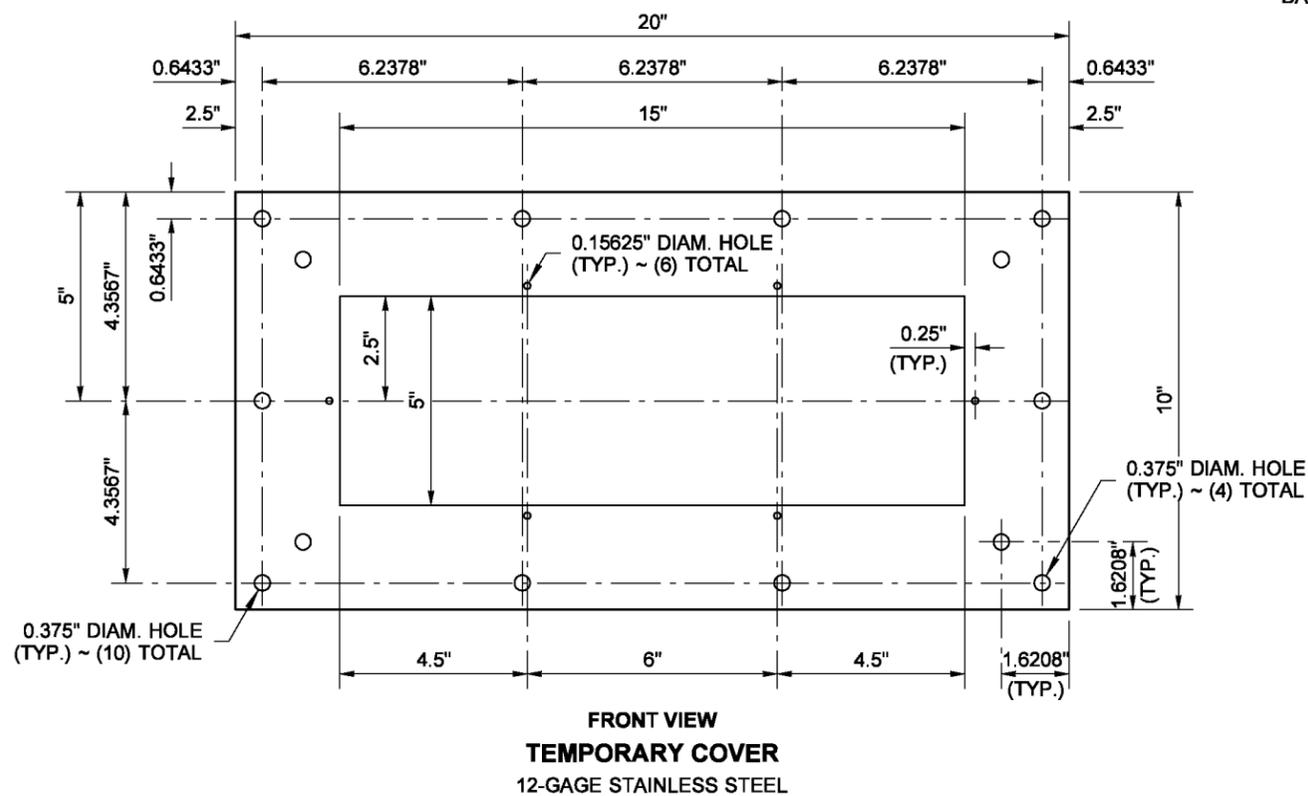
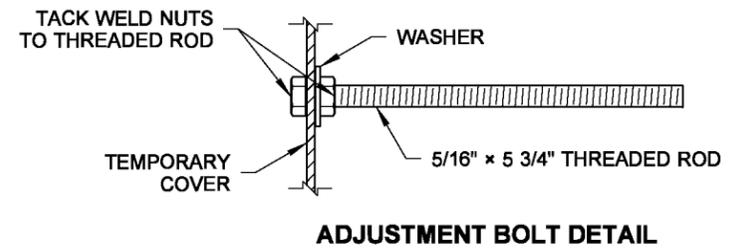
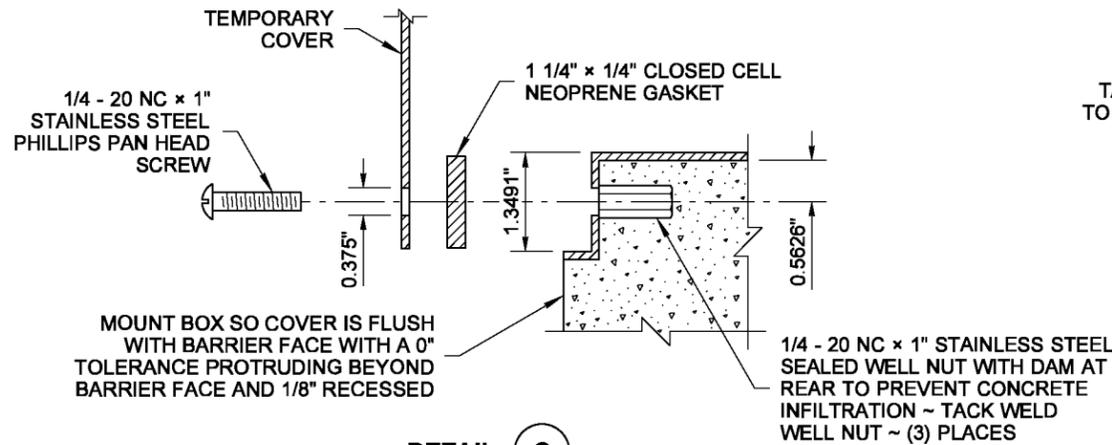
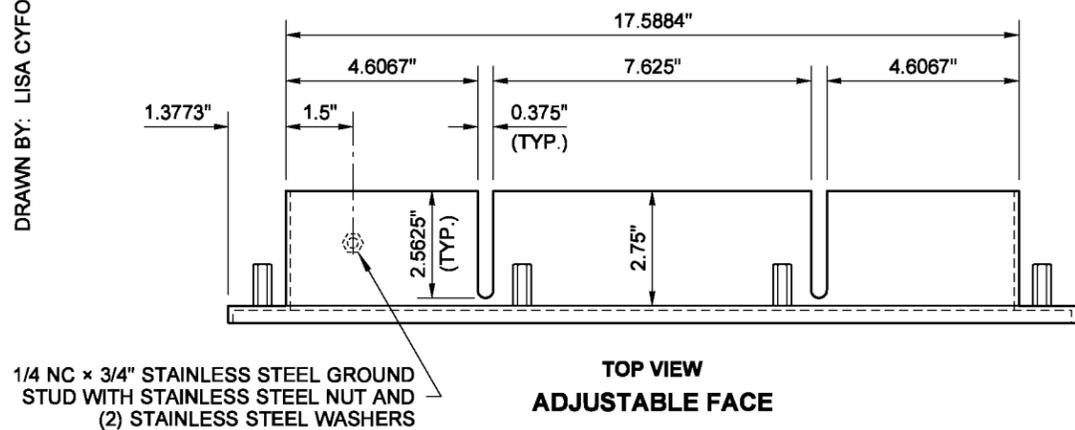
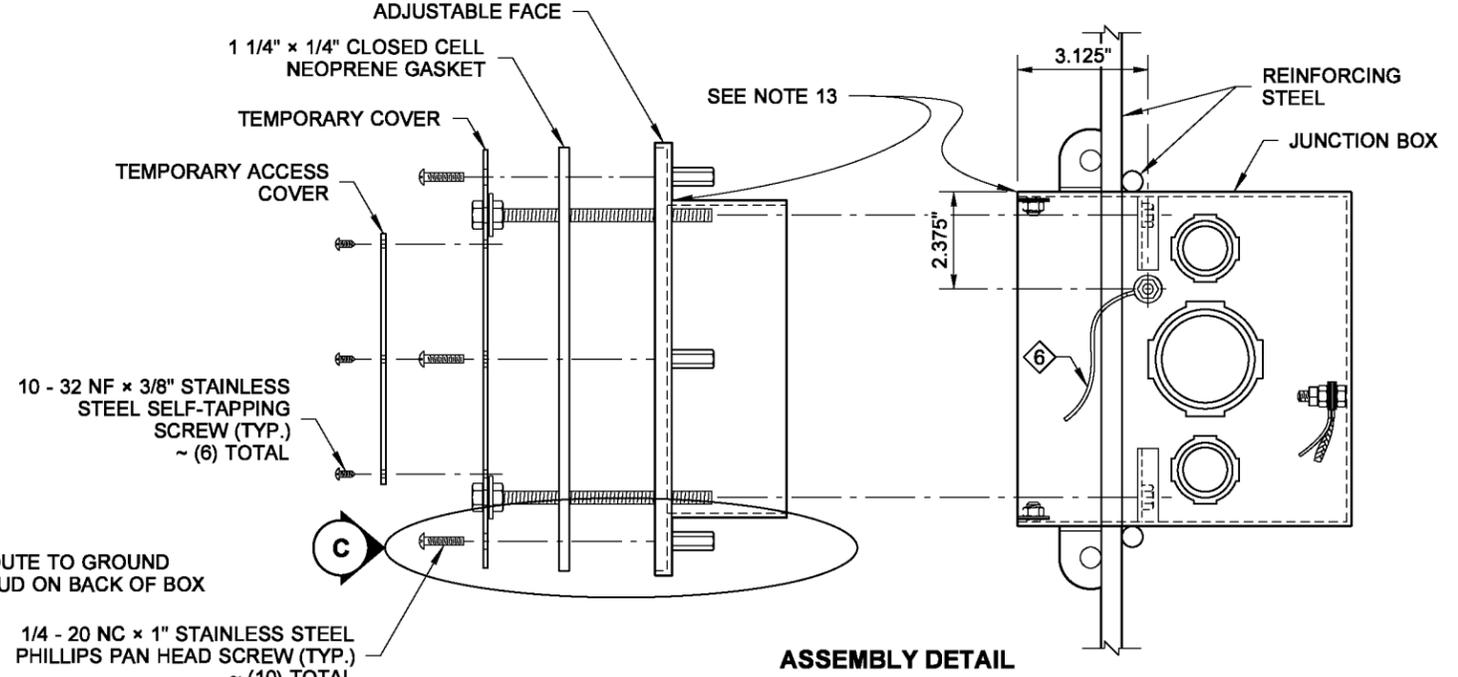
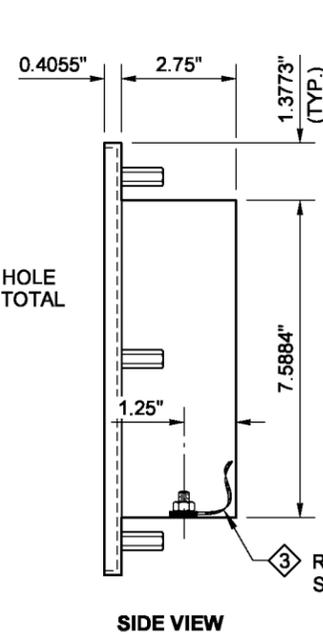
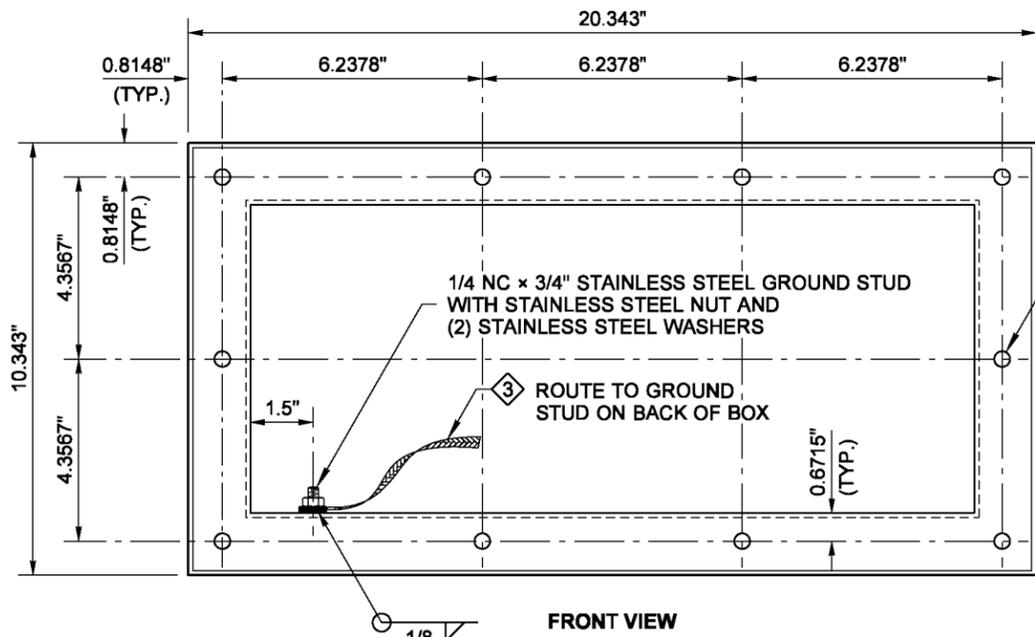


NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL ELECTRONICALLY SIGNED AND SEALED BY THE ENGINEER AND APPROVED FOR PUBLICATION AS REQUIRED BY THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

NEMA 3R ADJUSTABLE FLUSH-MOUNT JUNCTION BOX
STANDARD PLAN J-40.37-01

SHEET 1 OF 2 SHEETS
APPROVED FOR PUBLICATION
Pasco Bakotich III 5/20/13
STATE DESIGN ENGINEER DATE
Washington State Department of Transportation

DRAWN BY: LISA CYFORD



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL ELECTRONICALLY SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION. IT IS TO BE FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

NEMA 3R ADJUSTABLE FLUSH-MOUNT JUNCTION BOX STANDARD PLAN J-40.37-01

SHEET 2 OF 2 SHEETS

APPROVED FOR PUBLICATION

Pasco Bakotich III 5/20/13

STATE DESIGN ENGINEER DATE

