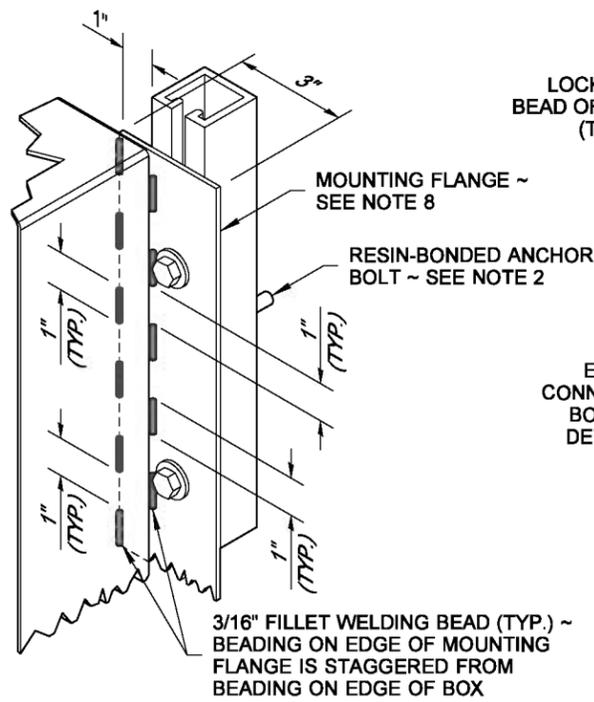
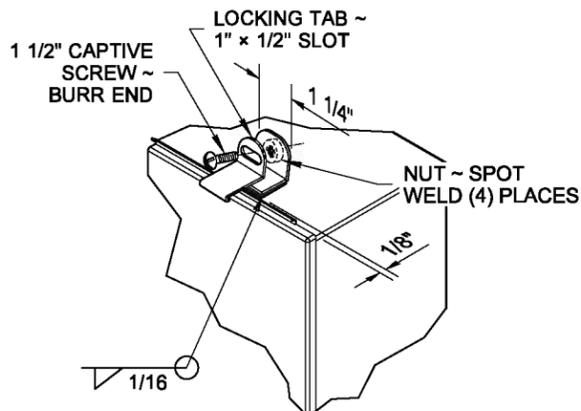


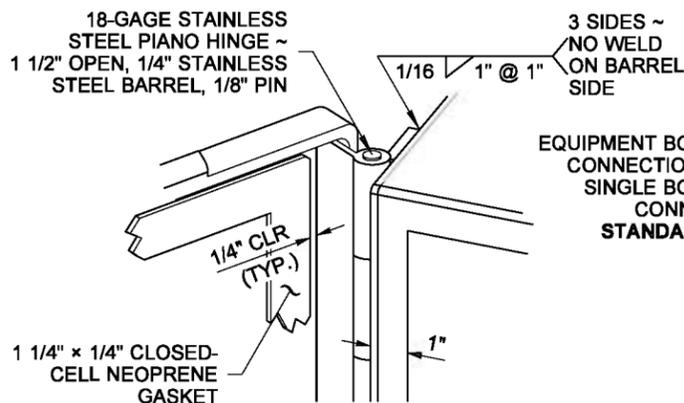
DRAWN BY: LISA CYFORD



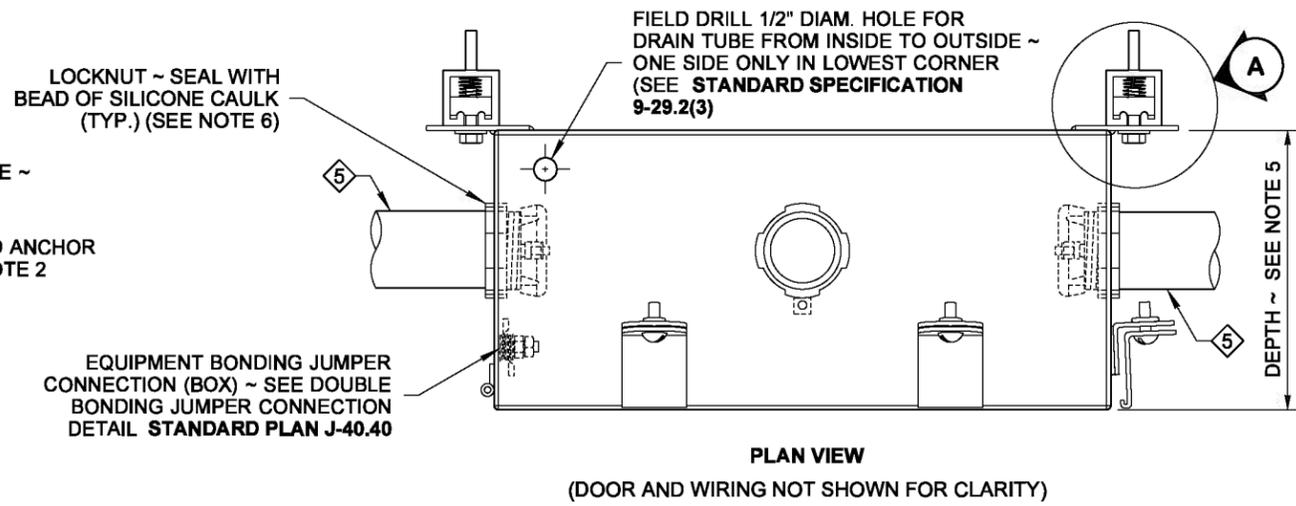
DETAIL A
STAINLESS STEEL CHANNEL MOUNTING DETAIL



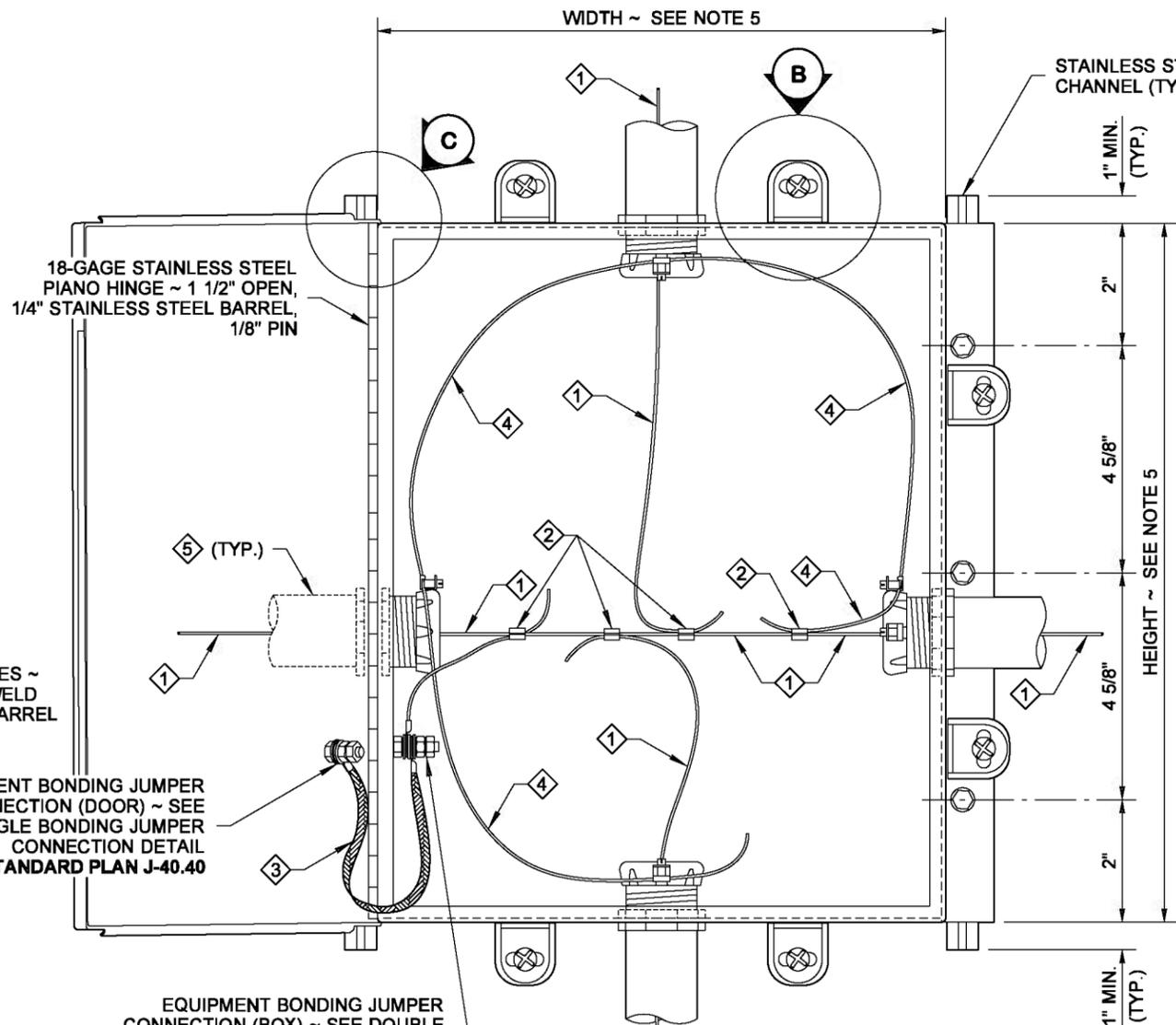
DETAIL B
LOCKING TAB DETAIL



DETAIL C
PIANO HINGE DETAIL



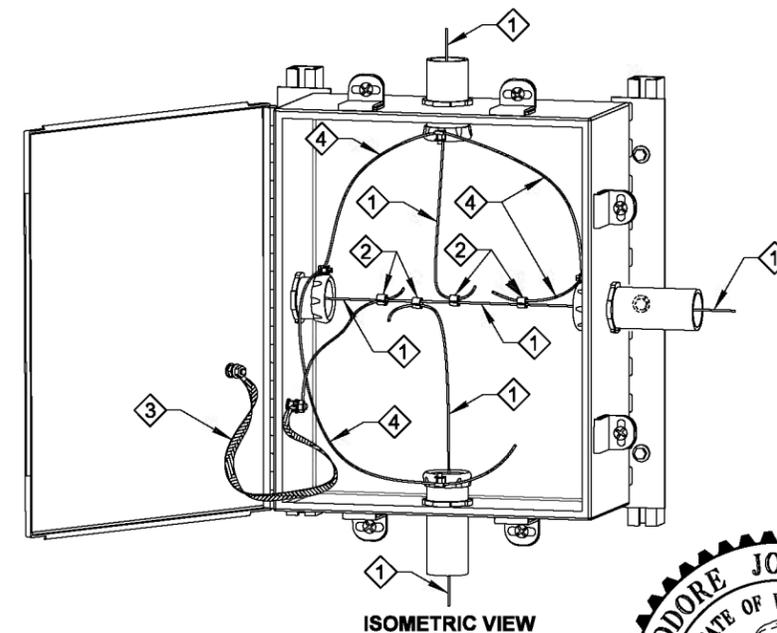
PLAN VIEW
(DOOR AND WIRING NOT SHOWN FOR CLARITY)



FRONT VIEW
(DOOR OPEN TO SHOW WIRE CONNECTION)

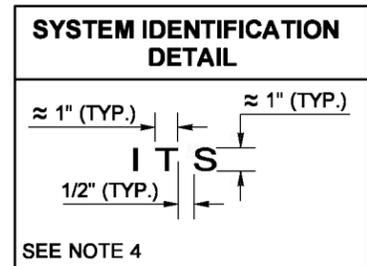
NOTES

1. Drilling through reinforcing steel is not allowed. If steel is hit while drilling, the location shall be moved and the abandoned hole filled with grout conforming to **Standard Specification 6-02.3(20)**.
2. Mount the stainless steel support using an approved resin-bonded anchor system, installed per manufacturer's recommendation. Resin-bonded anchors shall be stainless steel and shall be of 3/8" diameter (Expansion Anchors are not allowed). Anchor bolt embedment shall be 4 1/2" min.
3. There shall be a minimum of 3" edge distance to the centerline of anchor holes in concrete. See **Standard Plan J-60.13** for Stainless Steel Channel details.
4. The System Identification letters on the box lid shall be 1/8" line thickness formed by engraving, stamping, or with a stainless steel weld bead. See System Identification Detail and **Standard Specifications 9-29.2(4)**.
5. Junction Box shall be dimensioned as shown in the Contract. If the conduit sizes shown in the Contract are changed, the box dimensions shall be revised in accordance with **NEC 314.28** using the 8 times multiplier for length and width dimensions.
6. Fittings shall be UL listed and CSA-certified watertight on the outside of the Junction Box conduit connection. An insulated grounded end bushing shall be used to terminate Rigid Metal Conduit.
7. Equipment Bonding Jumper shall be # 8 AWG (min.) x 1 foot of tinned, braided copper.
8. Junction Box shall be constructed of 12-gage, Type 304 stainless steel with welded seam construction and # 4 finish. Mounting Flange shall also be 12-gage, Type 304 stainless steel.

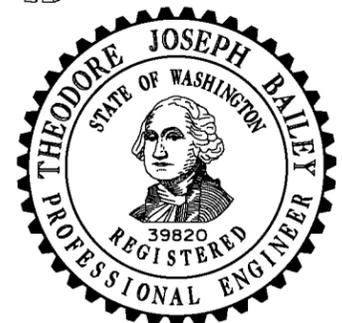


ISOMETRIC VIEW

- ① Equipment Grounding Conductor
- ② Copper Solderless Crimp Connector
- ③ Equipment Bonding Jumper ~ See note 7
- ④ Equipment Bonding Jumper shall be a continuous conductor. Route to each grounded end bushing and then terminate at equipment grounding conductor.
- ⑤ See Contract for conduit size and number



SEE NOTE 4



NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT. ROUTE ELECTRICAL MUST ALWAYS BE OBTAINED BY THE ENGINEER AND APPROVED FOR PUBLICATION. IS KEPT ON FILE AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**FRONT ENTRY
NEMA 4X SURFACE-MOUNT
JUNCTION BOX
STANDARD PLAN J-40.39-00**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

Pasco Bakotich III 5/20/13
STATE DESIGN ENGINEER DATE

