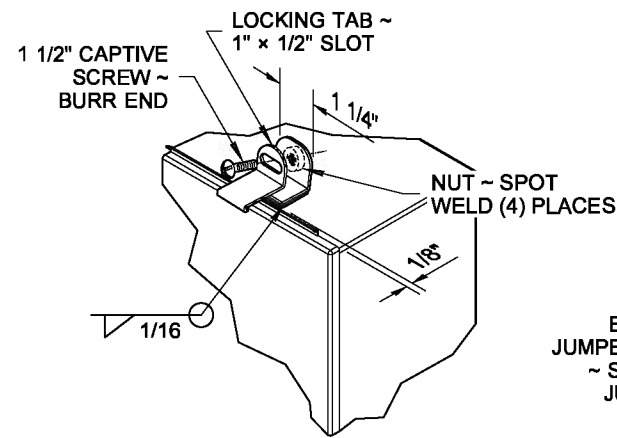
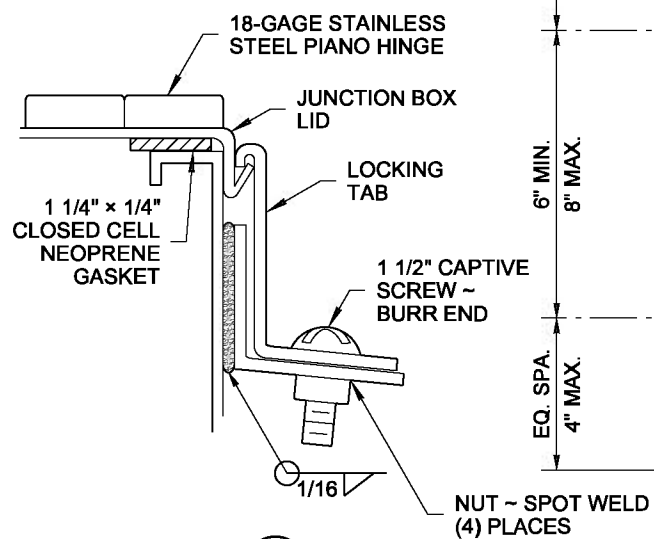


SECTION A
ISOMETRIC VIEW

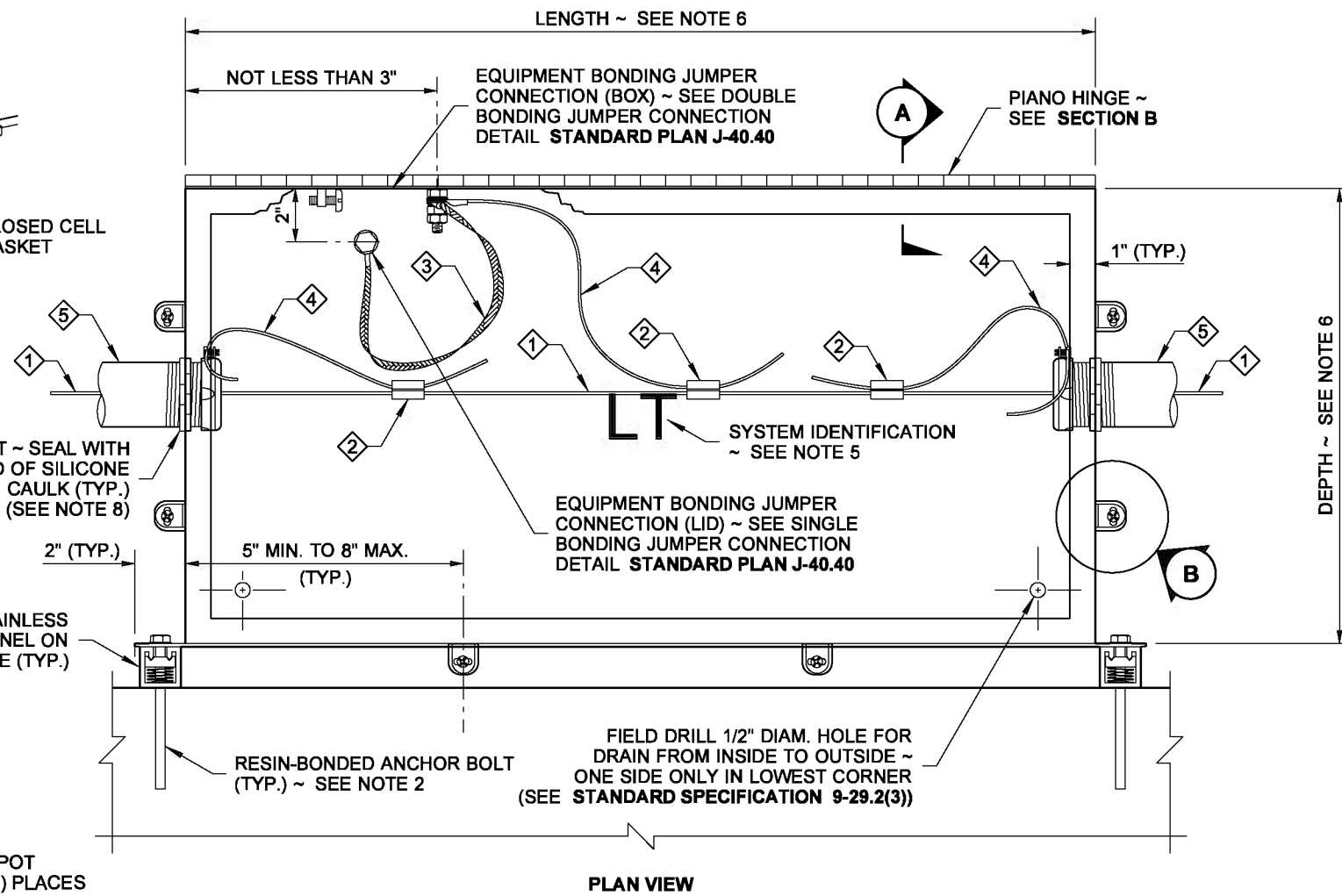
DRAWN BY: LISA CYFORD



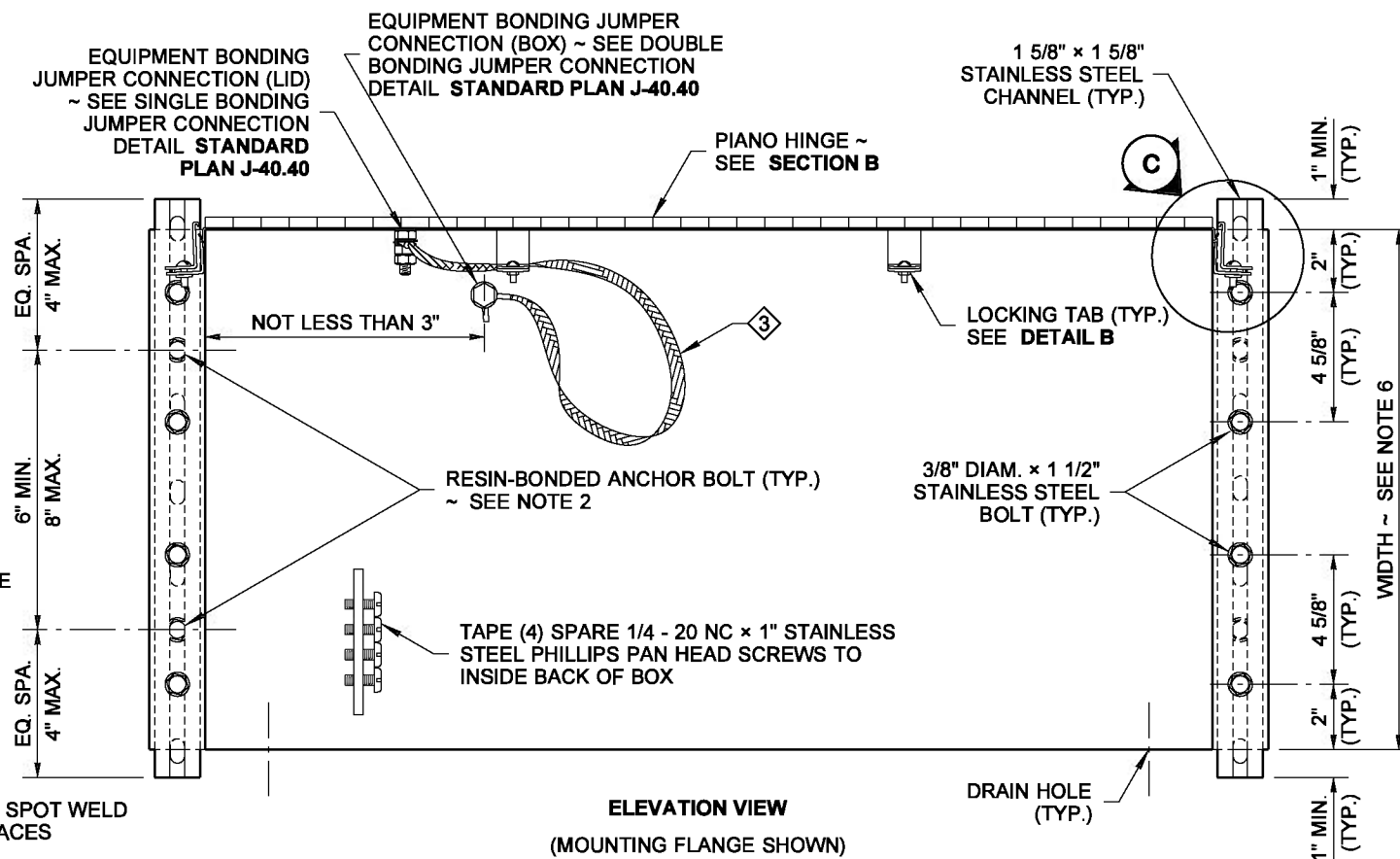
DETAIL B
LOCKING TAB DETAIL



DETAIL C



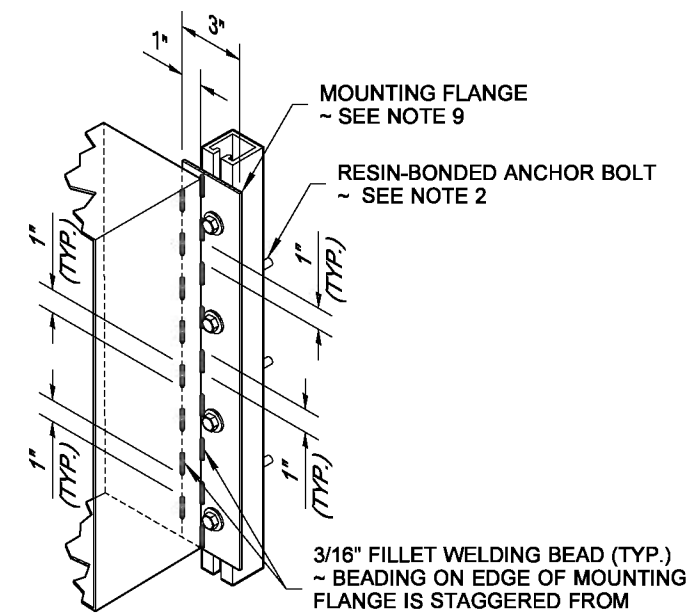
PLAN VIEW



ELEVATION VIEW
(MOUNTING FLANGE SHOWN)

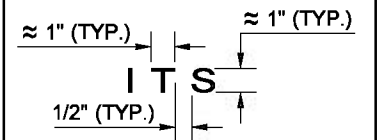
NOTES

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. Anchor bolt embedment shall be 4 1/2" minimum. Resin-bonded anchors shall be stainless steel and shall be 3/8" diameter. Expansion Anchors are not allowed.
3. There shall be a minimum of 3" edge distance to the centerline of anchor holes in the concrete.
4. See **Standard Plan J-60.13** for Stainless Steel Channel details.
5. 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)**.
6. 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.
7. Equipment Bonding Jumper shall be # 8 AWG (min.) x 1 foot of tinned, braided copper.
8. 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.
9. 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.

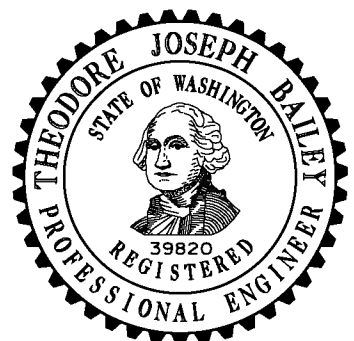


ISOMETRIC VIEW
(MOUNTING STRIP SHOWN)

SYSTEM IDENTIFICATION DETAIL



SEE NOTE 5



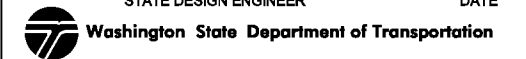
NOTE: THIS PLAN IS NOT A LEGAL ENGINEERING DOCUMENT UNTIL ELECTRONICALLY SIGNED BY THE ENGINEER AND APPROVED FOR PUBLICATION IS FILED AT THE WASHINGTON STATE DEPARTMENT OF TRANSPORTATION. A COPY MAY BE OBTAINED UPON REQUEST.

**TOP ENTRY
NEMA 4X SURFACE-MOUNT
JUNCTION BOX
STANDARD PLAN J-40.38-01**

SHEET 1 OF 1 SHEET

APPROVED FOR PUBLICATION

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



- ① Equipment Grounding Conductor
- ② Copper Solderless Crimp Connector
- ③ Equipment Bonding Jumper ~ See Note 7
- ④ Equipment Bonding Jumper
- ⑤ See Contract for conduit size and number