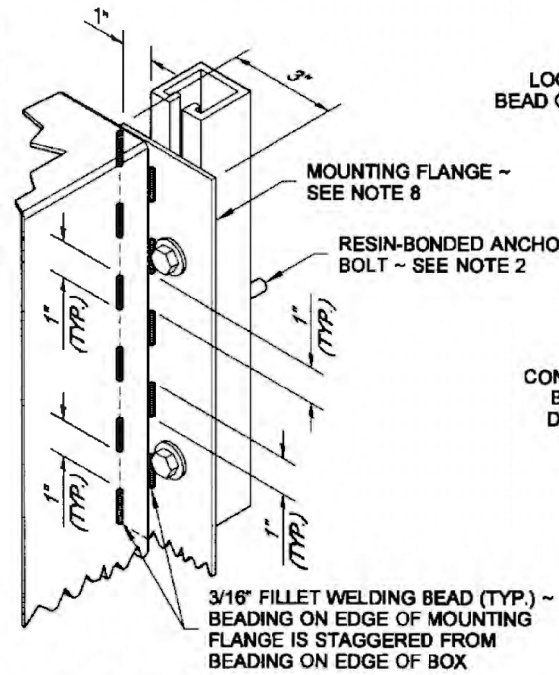
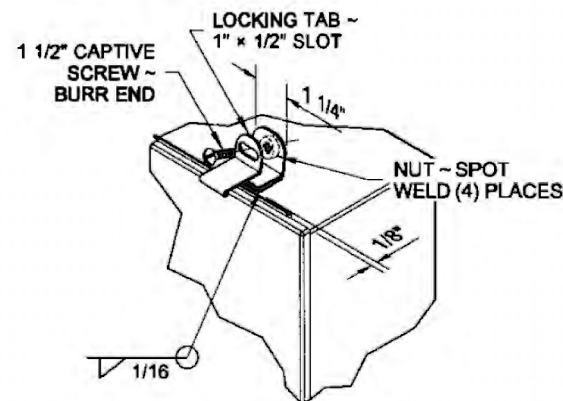


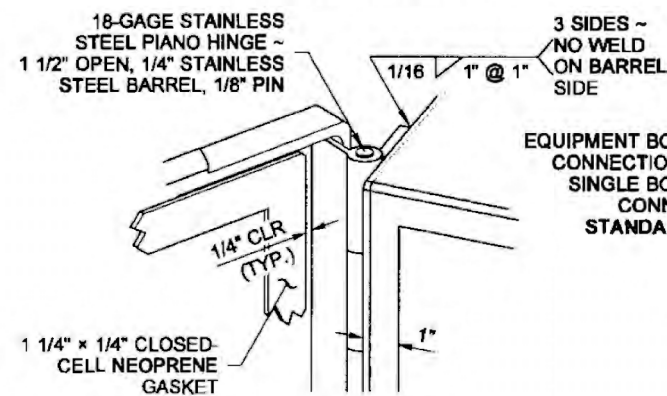
DRAWN BY: LISA CYFORD



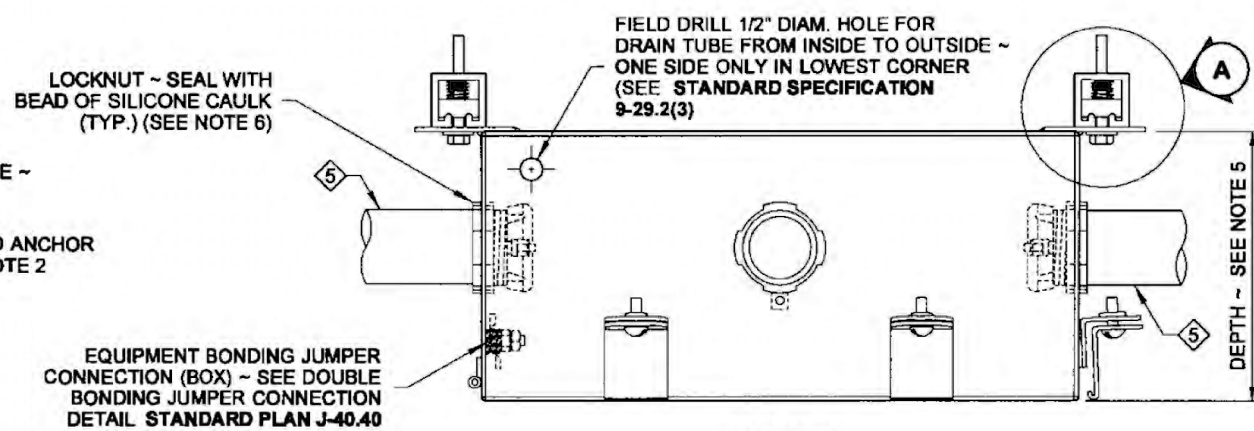
DETAIL A  
STAINLESS STEEL CHANNEL  
MOUNTING DETAIL



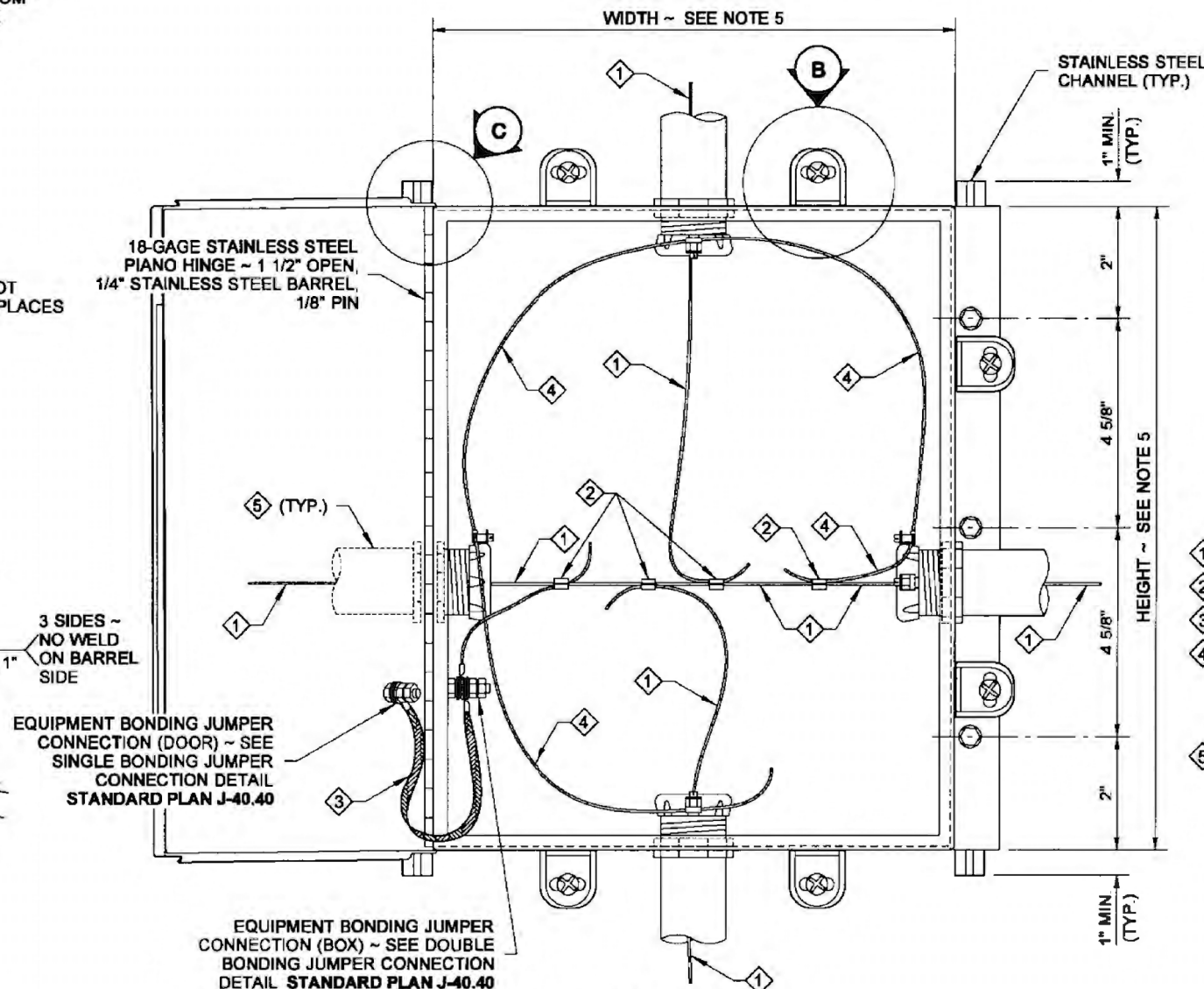
DETAIL B  
LOCKING TAB DETAIL



DETAIL C  
PIANO HINGE DETAIL



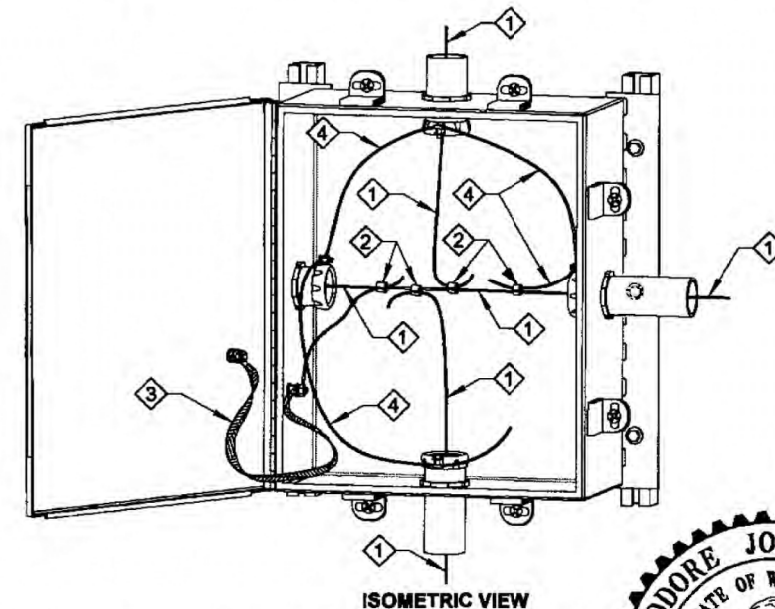
PLAN VIEW  
(DOOR AND WIRING NOT SHOWN FOR CLARITY)



FRONT VIEW  
(DOOR OPEN TO SHOW WIRE CONNECTION)

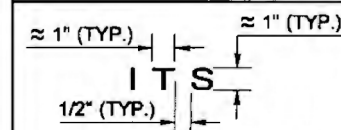
## NOTES

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.



- 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

## SYSTEM IDENTIFICATION DETAIL



SEE NOTE 4



5-15-13  
**FRONT ENTRY  
NEMA 4X SURFACE-MOUNT  
JUNCTION BOX  
STANDARD PLAN J-40.39-00**

SHEET 1 OF 1 SHEET

