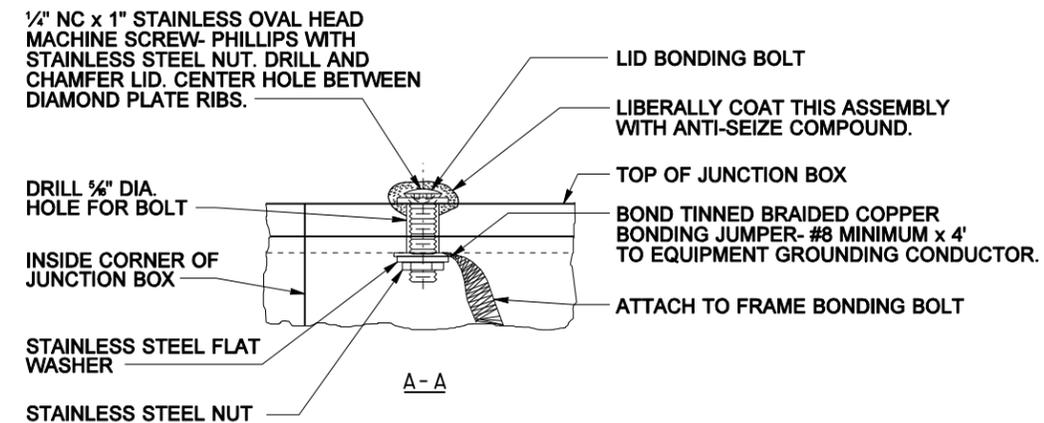


PLAN



ADJUST BOLT FLUSH WITH TOP OF LID SUPPORT FRAME

BONDING JUMPER- #8 MINIMUM x 4' TINNED BRAIDED COPPER. BOND JUMPER TO EQUIPMENT GROUNDING CONDUCTOR

STAINLESS STEEL FLAT WASHER

1/4" NC x 1" STAINLESS STEEL BOLT WITH STAINLESS STEEL NUT. DRILL AND TAP LID SUPPORT FRAME.

TO EQUIPMENT GROUNDING CONDUCTOR

TOP OF JUNCTION BOX

FRAME DEPTH FOR LID

LID SUPPORT FRAME

LIBERALLY COAT THIS ASSEMBLY WITH ANTI-SEIZE COMPOUND.

ADJUSTING NUT

TO LID BONDING BOLT

LID TO FRAME BONDING JUMPER

FRAME TO EQUIPMENT GROUNDING CONDUCTOR BONDING JUMPER

COPPER SPLIT BOLT CLAMP

EQUIPMENT GROUNDING CONDUCTOR

PVC

ELEVATION

FOUNDATION

FOUNDATION FOR TYPE 3, TYPE 7 AND TYPE 8 JUNCTION BOXES.

DATE

P.E. STAMP BOX

DATE

P.E. STAMP BOX

NOTES:

1. BOND LIDS TO FRAME.
2. BONDING JUMPER IS TINNED BRAIDED COPPER - #8 MINIMUM x 4 FEET.
3. BOND FRAME TO EQUIPMENT GROUNDING CONDUCTOR.

TYPE 1,2,3,7 & 8 JUNCTION BOX
EXISTING FRAME & LID BONDING DETAIL

| | | | | | | | |
|---------------|--|---------|----|--------------|--------------|------------------|---------|
| FILE NAME | C:\JOHNNA2\Master_Details\Junction boxes\type 7&8 JBox\jtype7&8 7-16-08 .dgn | | | REGION NO. | STATE | FED.AID PROJ.NO. | PLOT 11 |
| TIME | 8:27:30 AM | | | 10 | WASH | | |
| DATE | 7/18/2008 | | | JOB NUMBER | | | 6.12E |
| DESIGNED BY | | | | CONTRACT NO. | LOCATION NO. | | SHEET |
| ENTERED BY | | | | | | | OF |
| CHECKED BY | ADD BONDING BOLT TO FRAME. CLEAN DETAIL UP. | 7-16-08 | JH | | | | SHEETS |
| PROJ. ENGR. | COPPER SPLIT BOLT CLAMP | 5-29-07 | JH | | | | |
| REGIONAL ADM. | REVISION | DATE | BY | | | | |



TYPE 1,2,3,7 & 8 JUNCTION BOX

EXISTING FRAME AND LID BONDING DETAIL