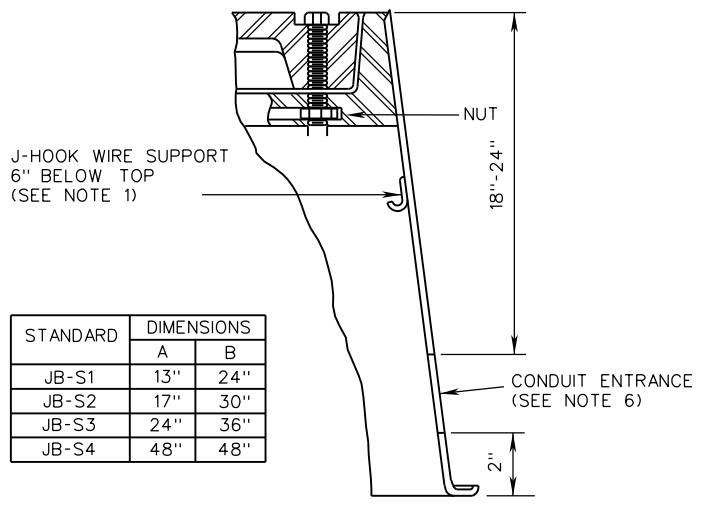
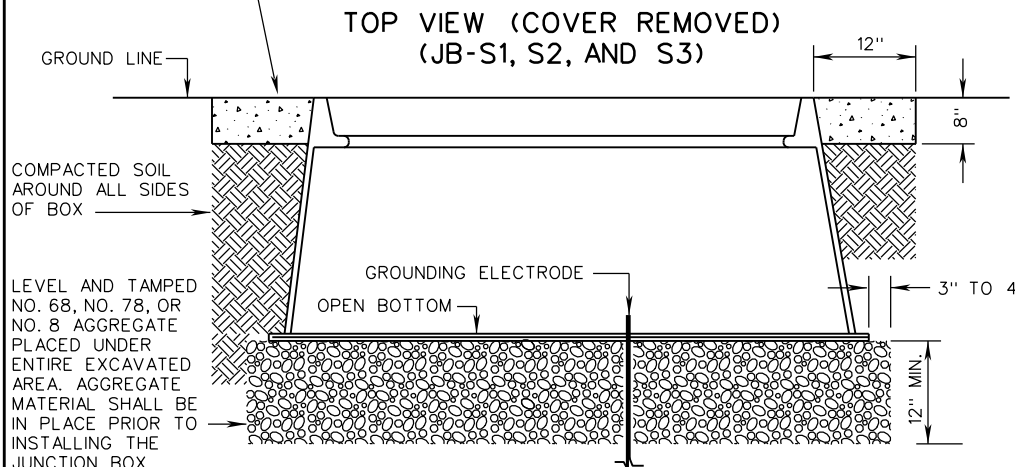
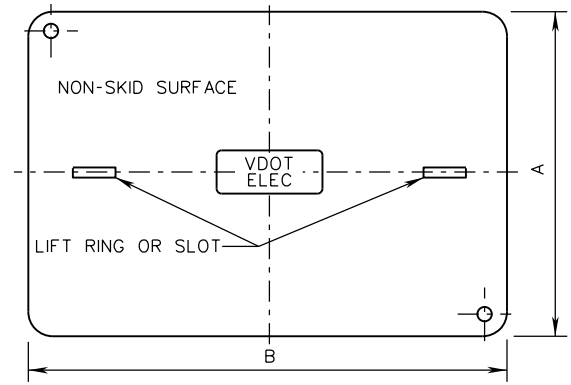
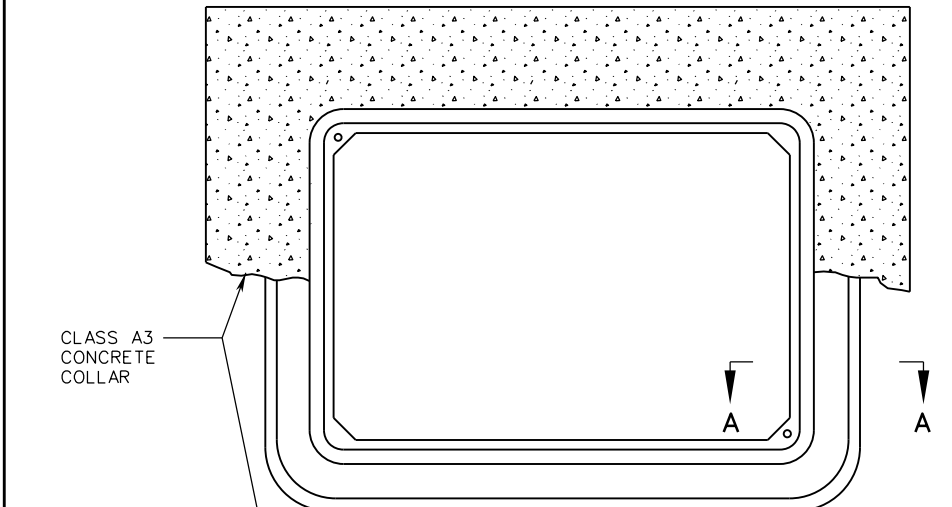


JB-S1, S2, S3, S4



| STANDARD | DIMENSIONS | |
|----------|------------|-----|
| | A | B |
| JB-S1 | 13" | 24" |
| JB-S2 | 17" | 30" |
| JB-S3 | 24" | 36" |
| JB-S4 | 48" | 48" |

NOTES:

- JUNCTION BOXES SHALL HAVE A STRAIGHT OR FLARED INSIDE WALL DESIGN. MATERIALS SHALL CONFORM TO SECTION 238 OF THE ROAD & BRIDGE SPECIFICATIONS.
- CONDUIT ENTRANCES SHALL BE LOCATED AS SHOWN IN THE CONTRACT DOCUMENTS. CONDUITS SHALL EXTEND 2" MIN. TO 3" MAX. INTO THE INSIDE WALL OF THE JUNCTION BOX.
- EACH COVER SECTION SHALL HAVE A NON-SKID SURFACE WITH LETTERS CAST IN THE DEPRESSION ON TOP OR OTHER PRE-APPROVED METHODS THAT DO NOT REQUIRE THE USE OF ADHESIVES. THE LETTERS "VDOT ELEC", "VDOT TRAF", "VDOT COMM", "VDOT FIBER", OR "UTILITY" AS APPLICABLE ARE TO BE 1" WIDE. COVERS USED FOR JUNCTION BOXES INSTALLED THAT WILL BE MAINTAINED BY LOCALITIES SHALL OMIT THE WORD "VDOT".
- ALL JUNCTION BOXES SHALL BE INSTALLED WITH A GROUNDING ELECTRODE.
- TWO RECESSED 3/8" S.S. HEX HEAD BOLTS ARE REQUIRED FOR EACH JB-S1, S2, AND S3 COVER. FOUR RECESSED 3/8" S.S. HEX HEAD BOLTS ARE REQUIRED FOR EACH JB-S4 COVER.
- A MINIMUM 2" DIAMETER CONDUIT ENTRANCE IS REQUIRED, UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
- J-HOOK WIRE SUPPORTS SHALL BE SECURELY ATTACHED TO THE JUNCTION BOX WITH A BOLT AND NUT WITH A NEOPRENE WASHER OR AN EXPANSION FITTING. ONE J-HOOK PER WALL SHALL BE INSTALLED FOR JB-S1, S2, AND S3 BOXES. TWO J-HOOKS PER WALL SHALL BE INSTALLED FOR JB-S4 BOXES.
- VOIDS RESULTING FROM ENTRANCE OF CONDUITS INTO JUNCTION BOXES SHALL BE COMPLETELY FILLED WITH AN APPROVED MATERIAL.
- CONDUIT STUB-OUTS, WHEN INSTALLED, SHALL EXTEND A MINIMUM OF 6" PAST THE OUTSIDE OF THE JUNCTION BOX.

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|-------------------------|--|
| SPECIFICATION REFERENCE | |
| 700 238 | |

A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.

JUNCTION BOX
FOR NON-DELIBERATE TRAFFIC USE

VIRGINIA DEPARTMENT OF TRANSPORTATION

| | |
|--|--------------|
| VDOT ROAD AND BRIDGE STANDARDS | |
| REVISION DATE | SHEET 1 OF 2 |
| 08/17 | 1317.20 |