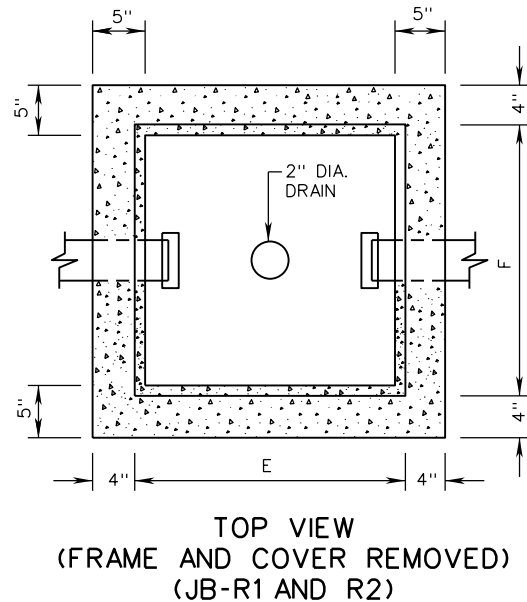


STANDARD	DIMENSIONS	
	E	F
JB-R1	20"	20"
JB-R2	27"	27"



**NOTES:**

- 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-R1 AND R2 BOXES. TWO J-HOOKS PER WALL (EQUALLY SPACED) SHALL BE INSTALLED FOR JB-R3 BOXES.
- 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.
- ALL REINFORCING STEEL SHALL BE IN ACCORDANCE WITH SECTION 223 OF THE SPECIFICATIONS, SHALL HAVE A MINIMUM 1 1/2" CONCRETE COVER. ANY REINFORCING STEEL IN CONFLICT WITH CONDUIT SHALL BE CUT A MINIMUM OF 1 1/2" FROM CONDUIT.
- THE JUNCTION BOX MAY BE PRECAST OR CAST IN PLACE CLASS A3 CONCRETE.
- A MINIMUM 2" DIAMETER CONDUIT ENTRANCE IS REQUIRED UNLESS OTHERWISE SPECIFIED IN THE CONTRACT DOCUMENTS.
- A CONCRETE COLLAR IS REQUIRED ONLY WHEN JUNCTION BOX IS INSTALLED IN EARTH AREAS.
- HIGH STRENGTH GROUT CONFORMING TO THE ROAD & BRIDGE SPECIFICATIONS SHALL BE USED TO SECURE THE FRAME TO THE JUNCTION BOX.
- ALL JUNCTION BOXES SHALL BE INSTALLED WITH A GROUNDING ELECTRODE.
- VOIDS RESULTING FROM ENTRANCE OF CONDUITS INTO JUNCTION BOX SHALL BE COMPLETELY FILLED WITH HYDRAULIC CEMENT GROUT CONFORMING TO THE ROAD & BRIDGE SPECIFICATIONS.
- WHEN INSTALLED, CONDUIT STUB-OUTS SHALL EXTEND A MINIMUM OF 6" PAST THE OUTSIDE OF THE JUNCTION BOX AND SHALL BE CAPPED OR PLUGGED.

SPECIFICATION REFERENCE	700	A COPY OF THE ORIGINAL SEALED AND SIGNED DRAWING IS ON FILE IN THE CENTRAL OFFICE.	<b>JUNCTION BOX</b>	
			FOR TRAFFIC USE	
VIRGINIA DEPARTMENT OF TRANSPORTATION			<b>VDOT</b>	ROAD AND BRIDGE STANDARDS
			REVISION DATE	SHEET 1 OF 2
			08/17	1317.10