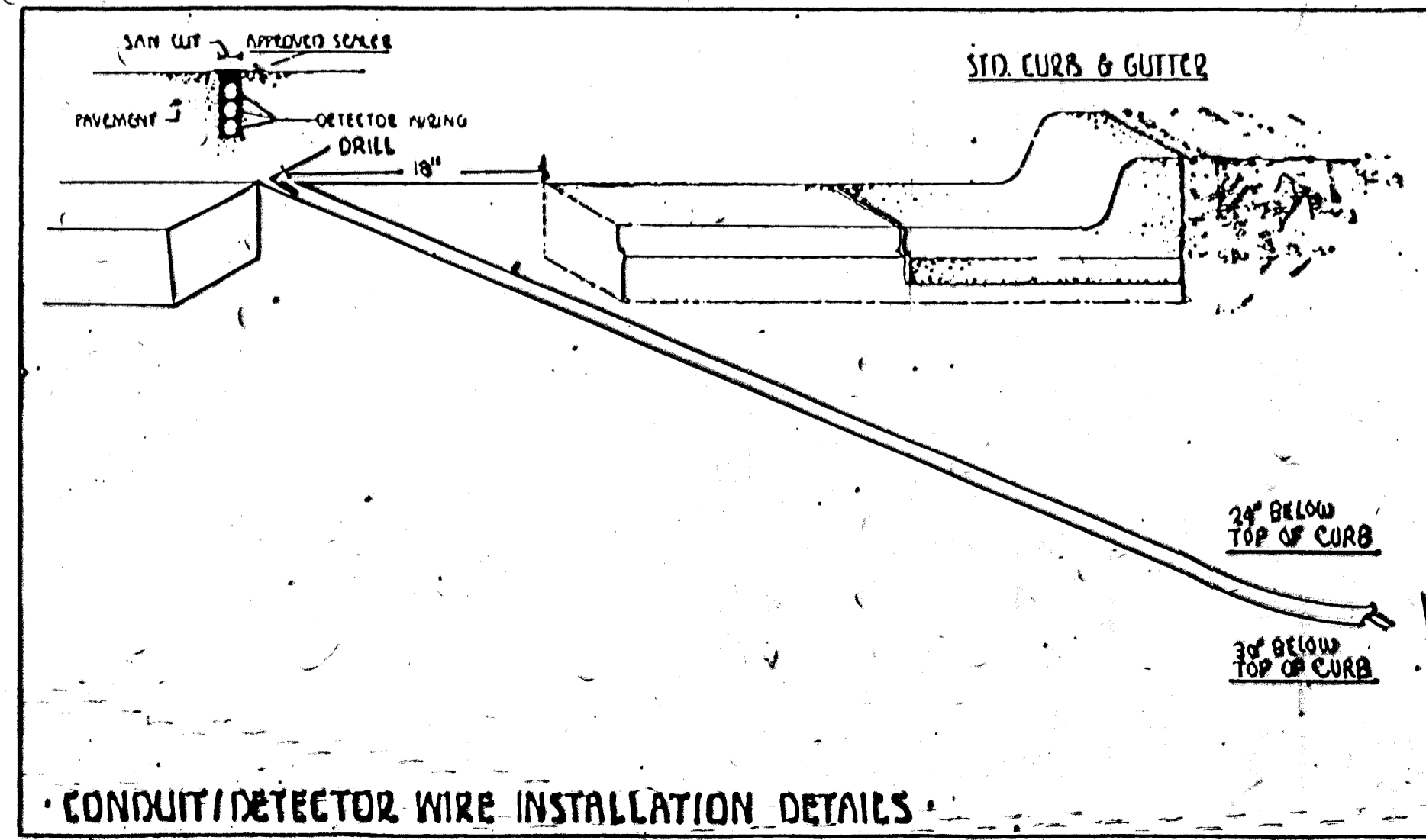
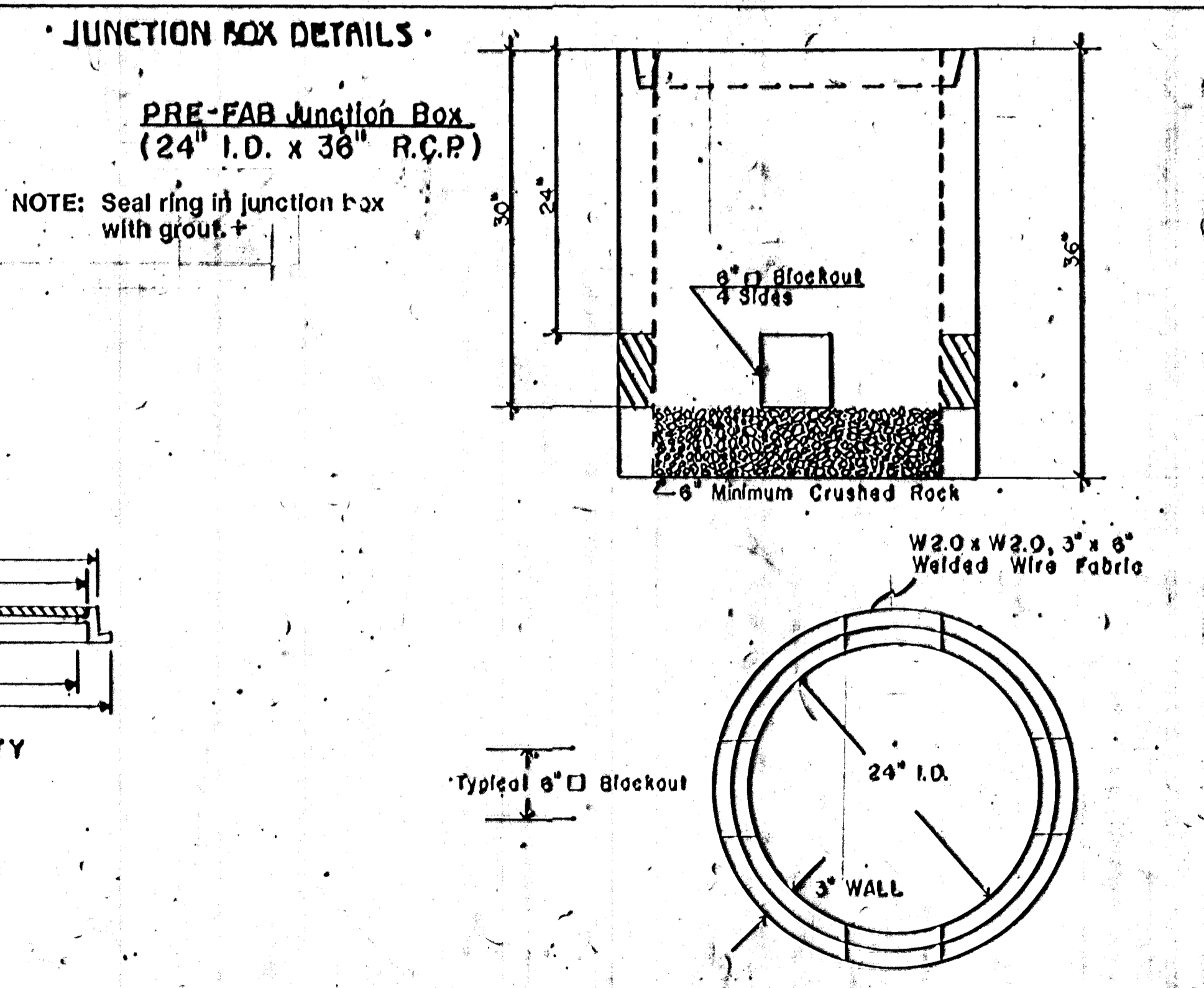
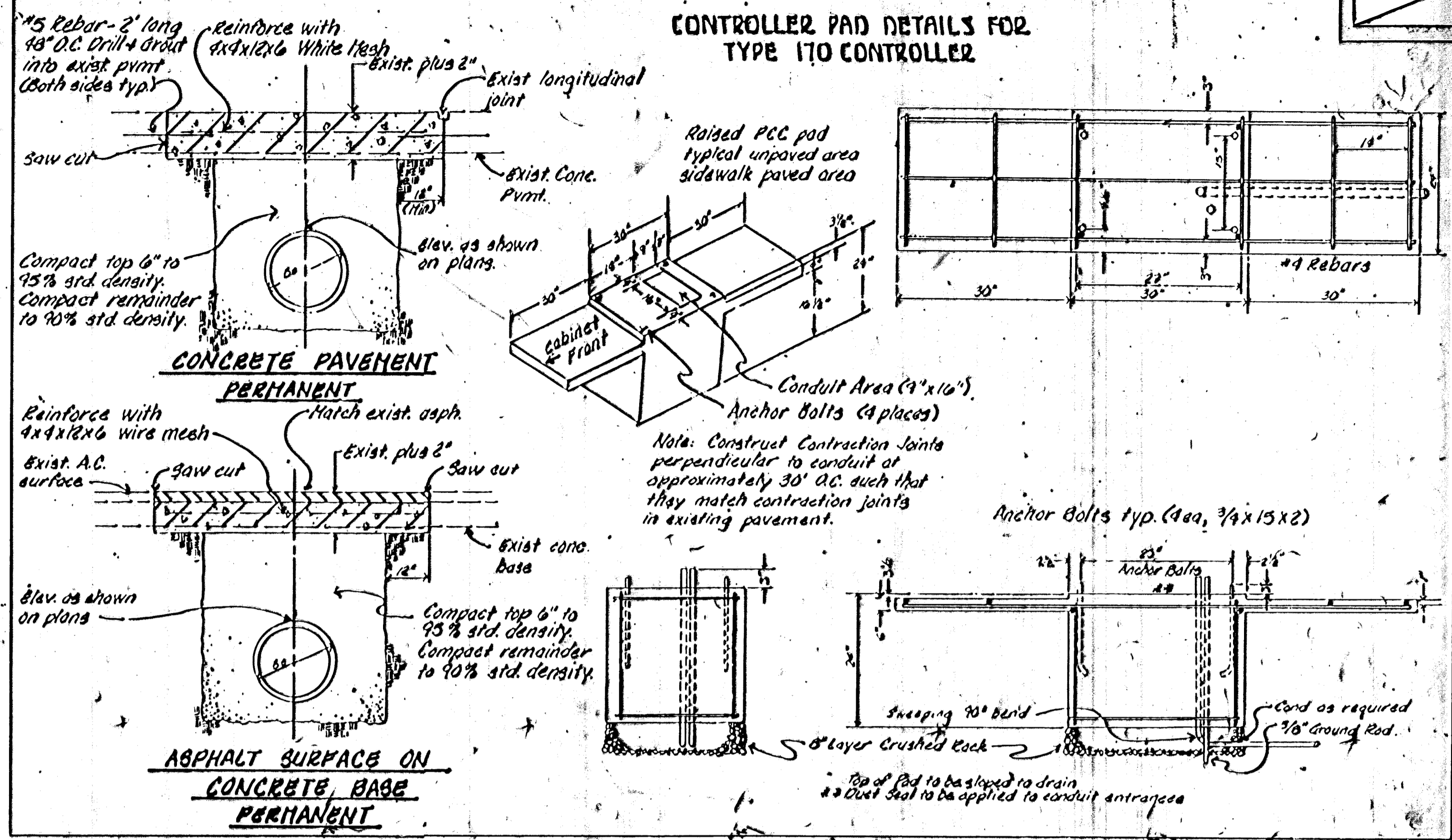
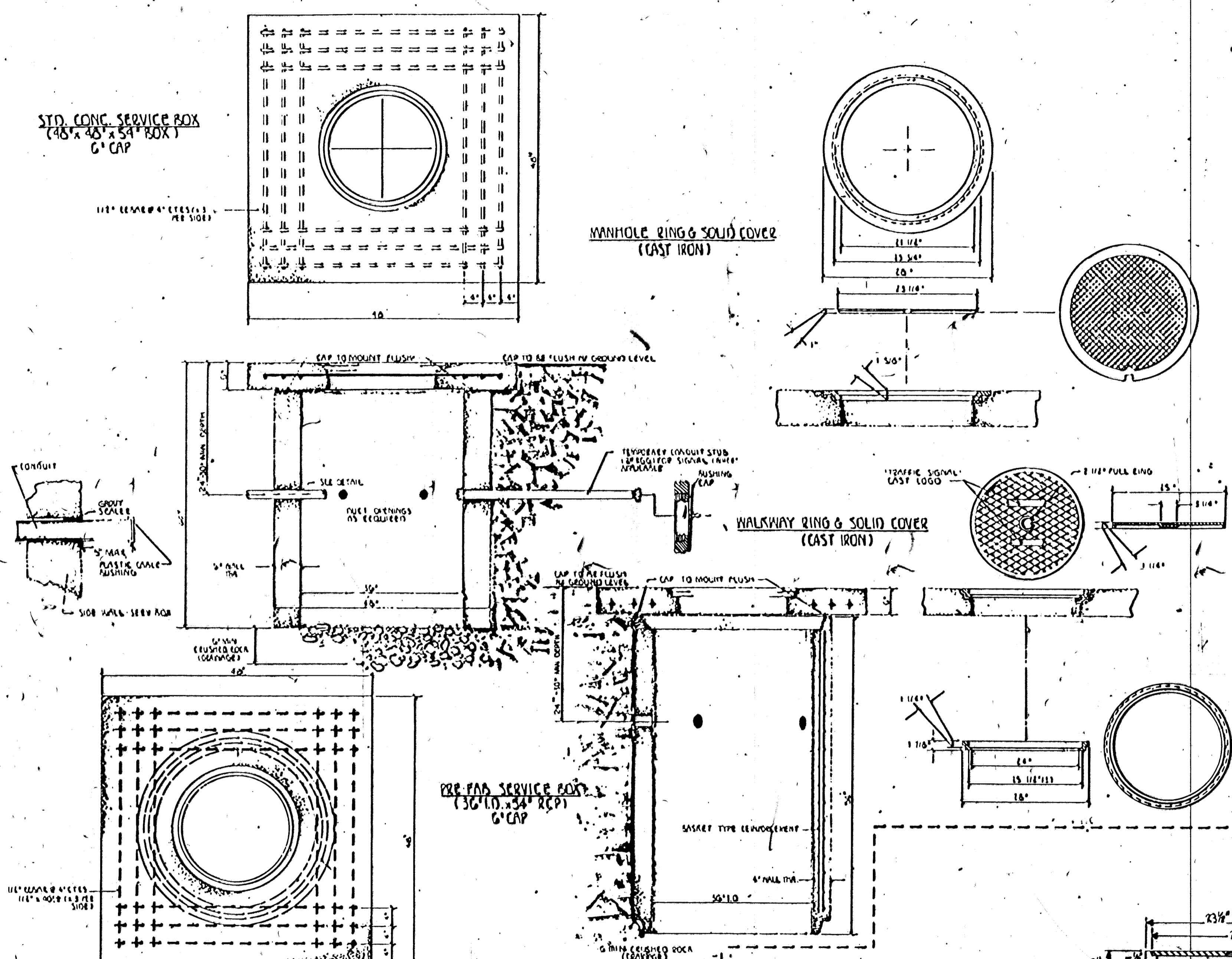


**SERVICE BOX CONSTRUCTION / INSTALLATION DETAILS**



- NOTES:** All Service Boxes and Junction Boxes Do Have 6" Min. Crushed Rock.
- SERVICE BOX:**
- CONDUIT CONNECTION TO BE FLUSH TO WITHIN 5" OF INSIDE FACE OF SIDE WALL WITH ABILITY TO DRAIN CONDUIT INTO SERVICE BOX.
  - CONDUIT CONNECTIONS TO SERVICE BOX SHALL BE TERMINATED WITH PLASTIC CABLE BUSHING.
  - CONDUIT SHALL BE SEALED WITH APPROVED SEALER AT INSIDE WALL FACE.
  - A PRE-CAST SERVICE BOX WITH OPEN BOTTOM WILL BE ACCEPTED AS ALTERNATE SUBJECT TO APPROVAL BY ENGINEER.
- JUNCTION BOX:**
- BOX TO BE INSTALLED FLUSH WITH GROUND LEVEL (VARIABLE WITH BOX HEIGHT).
  - PRE-FAB (R.C.P.) JUNCTION BOX TO BE USED. OTHER DESIGNS OF SIMILAR SIZE & SHAPE MAY BE USED AS ACCEPTABLE ALTERNATIVE SUBJECT TO APPROVAL.
- TRENCHING:**
- CONDUIT DEPTH TO BE 30" MINIMUM AS SHOWN WITH ROCK & STUBBLE-FREE BACKFILL TO SERVE AS BEDDING MAT'L. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.
  - BACKFILL TO BE COMPACTED IN 6" LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 25% STANDARD DENSITY.
  - SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
  - 3" RIGID GALV. STL. CONDUIT - BETWEEN SERV. BOXES - 1/4" BTWN. S/B & JUNG. BOXES - 3/4" BTWN. J/B & CURB FACE

REVISION DATE	COMMENTS	INIT.
REV. 85	Change Controller Box	JD
REV. 87	Change Junction Box	JD
REV. 92	Change Junction Box	JD
REV. 93	Add grout spec	JD

**PROJECT DESCRIPTION**  
SERVICE / JUNCTION BOX, CONTROLLER PAD CONSTRUCTION / INSTALLATION DETAILS

**PROJECT NUMBER**

**APPROVED BY** \_\_\_\_\_ **DATE** AUG 85

**DRAWN BY** SEAL **REVISION**

**CITY OF WICHITA**  
DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING DIVISION  
W. B. WHINLEY, TRAFFIC ENGINEER

SCALE: AS SHOWN