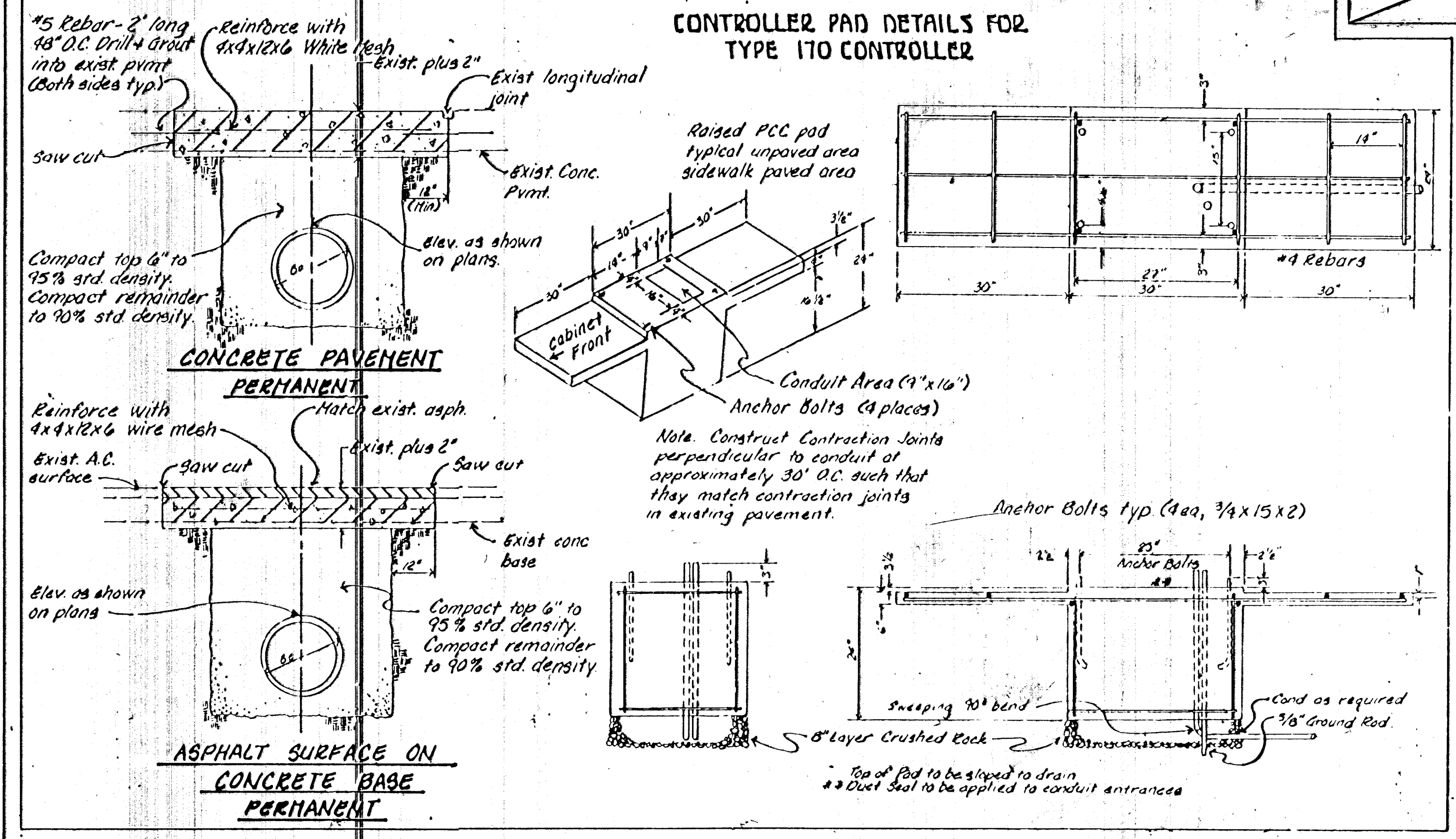
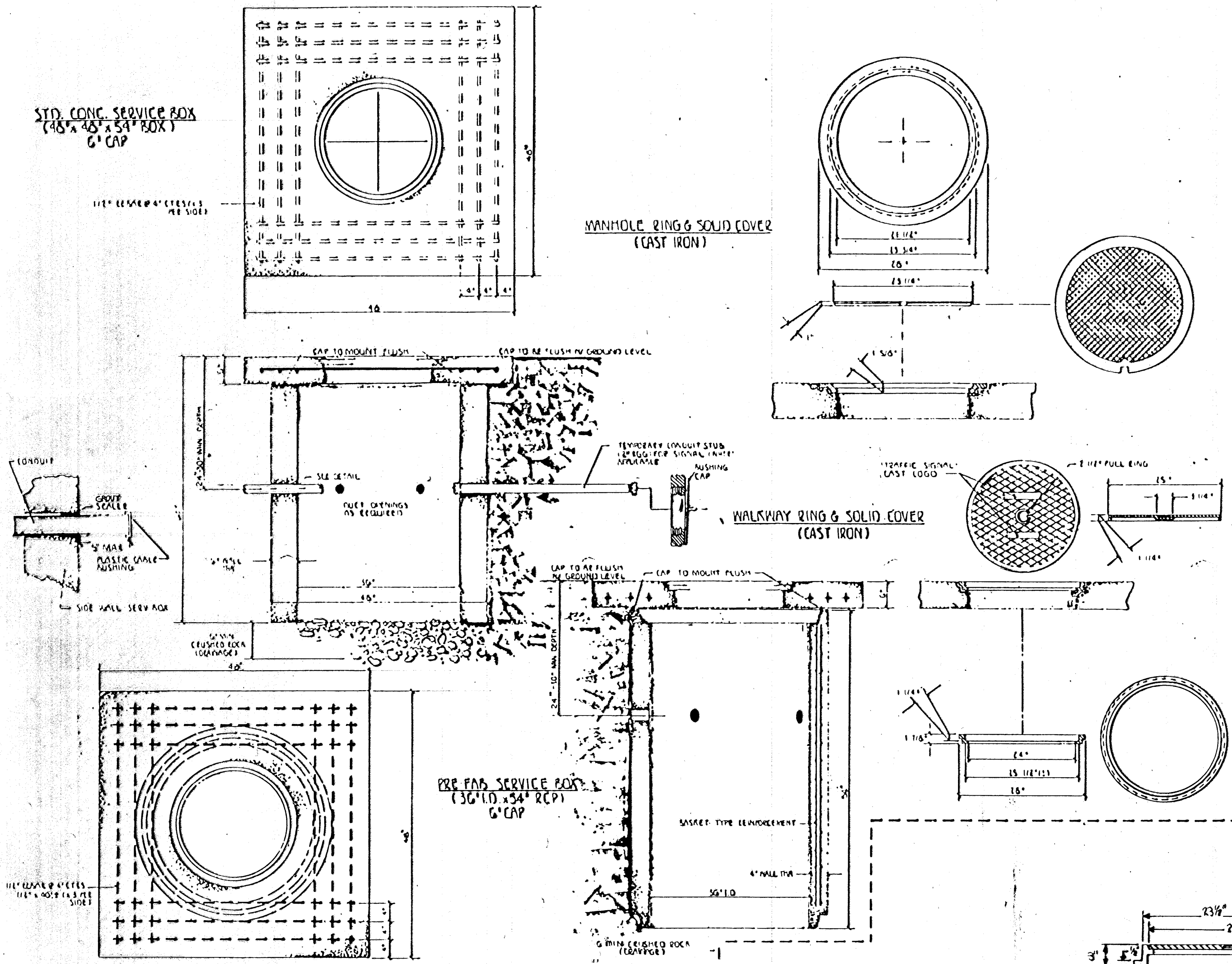
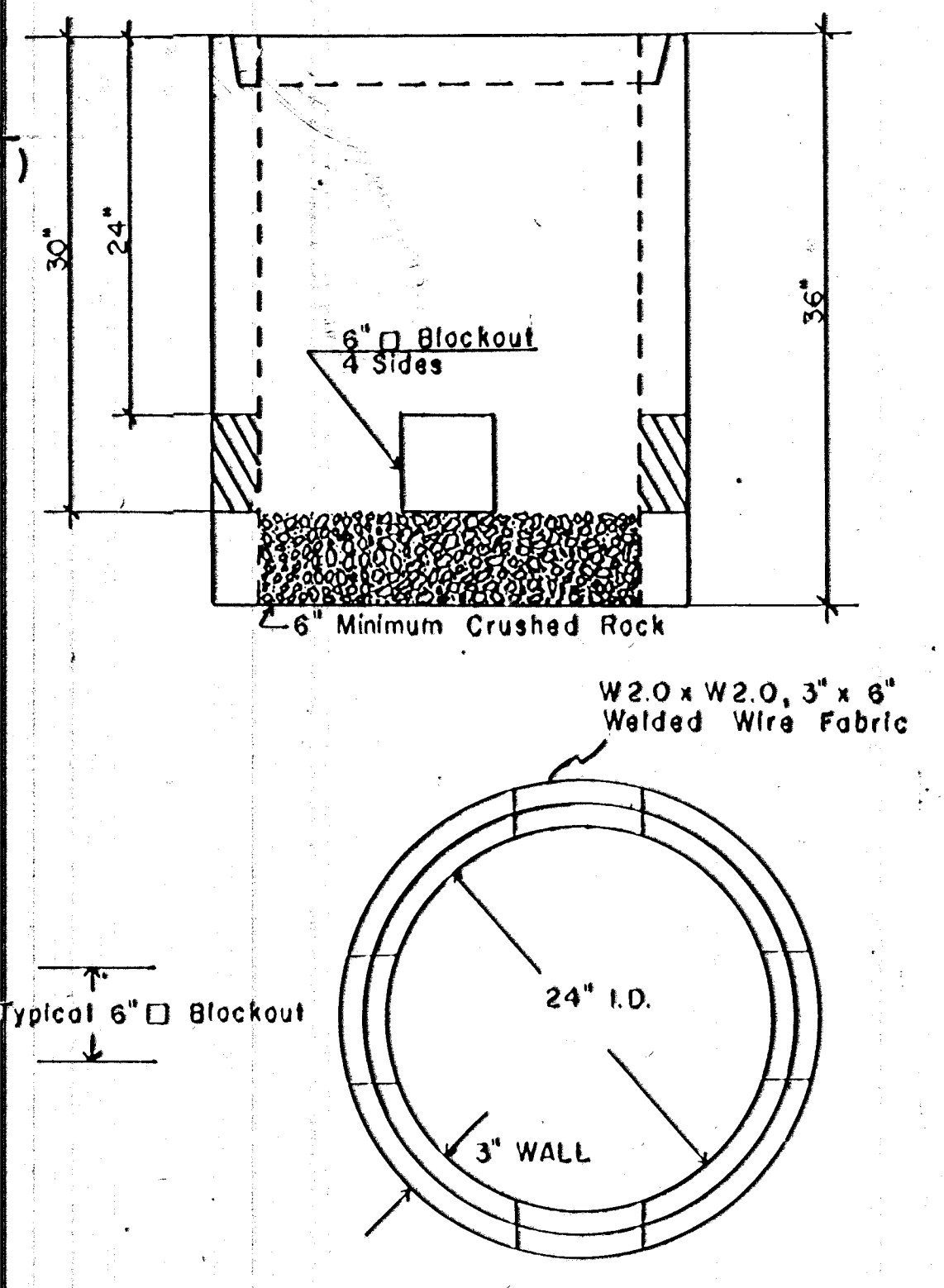


• SERVICE BOX CONSTRUCTION / INSTALLATION DETAILS •



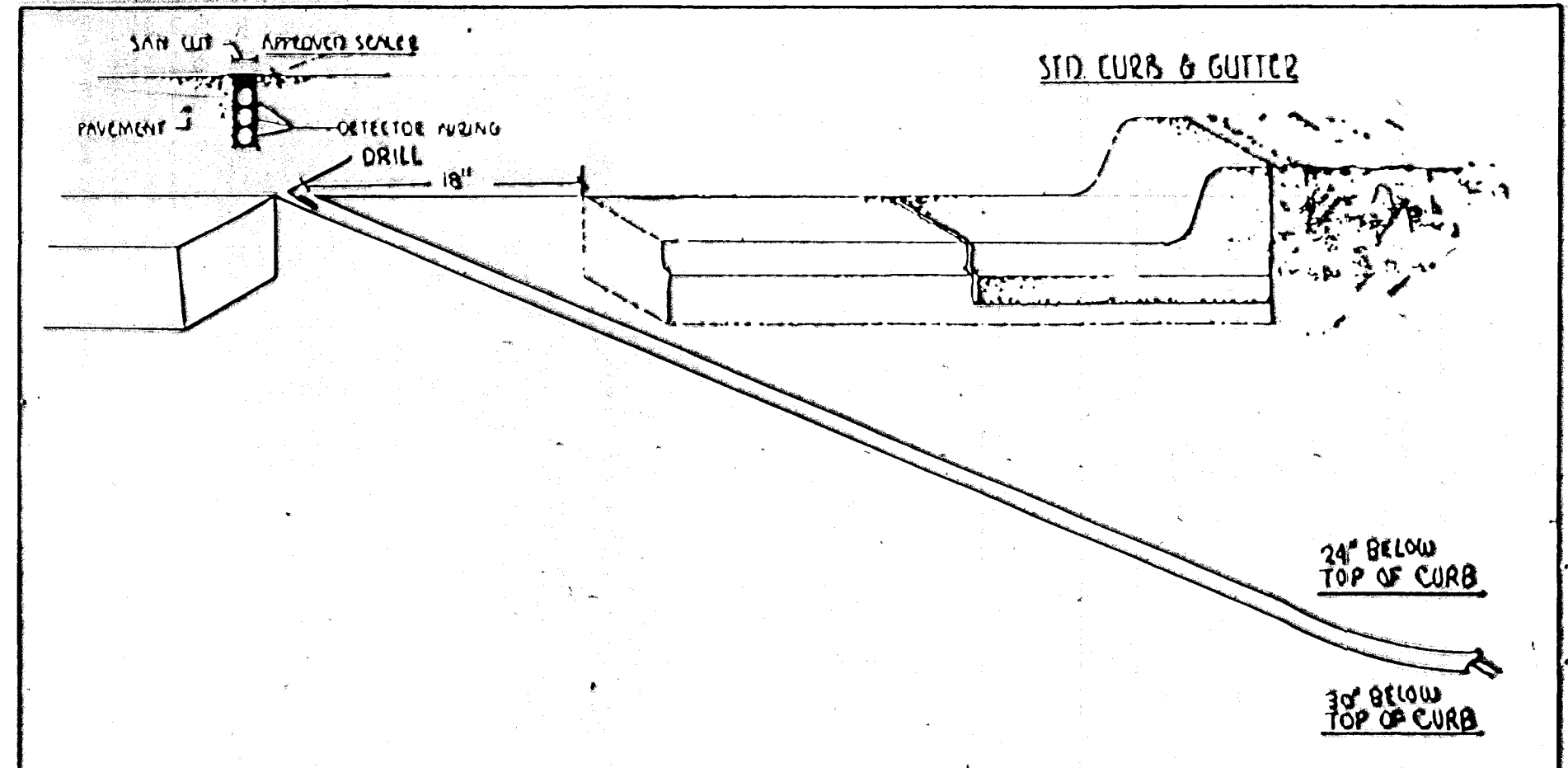
• JUNCTION BOX DETAILS •

PRE-FAB Junction Box
(24" I.D. x 36" R.C.P.)
NOTE: Seal ring in junction box with grout.

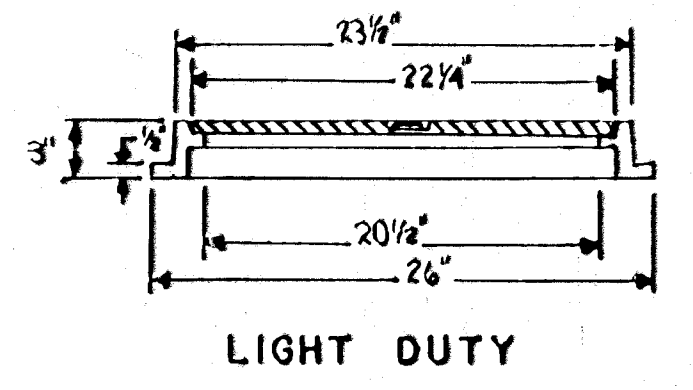


NOTES: * All Service Boxes And Junction Boxes Do Have 6\"/>

- 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 ALTERNATE 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 95% STANDARD DENSITY.
 - SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
 - 3" RIGID GALV. STL. CONDUIT - BETWEEN SERV. BOXES.
1 1/4" ATWY. S/B & JUNC. BOXES
3/4" ATWY. JIB & CURB FACE



+ Grout is to be 3 parts sand and 1 part cement with enough water for suitable mastic.



• CONDUIT/DETECTOR WIRE INSTALLATION DETAILS •

REVISION DATE	COMMENTS	INT.
Rev. 88	Change Controller Box	JD
Rev. 89	Change Conduit Depth	JDE
Rev. 91	Change Backfill Depth	JDE
Rev. 92	Change Junction Box	JDE
Rev. 93	Added grout spec.	JDE

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

PROJECT NUMBER

BOOK NO.	APPROVED BY	DATE
DRAWN BY	SEAL	AUG 03

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING DIVISION
WM & WATKINS TRAFFIC ENGINEER

SCALE
NO SCALE