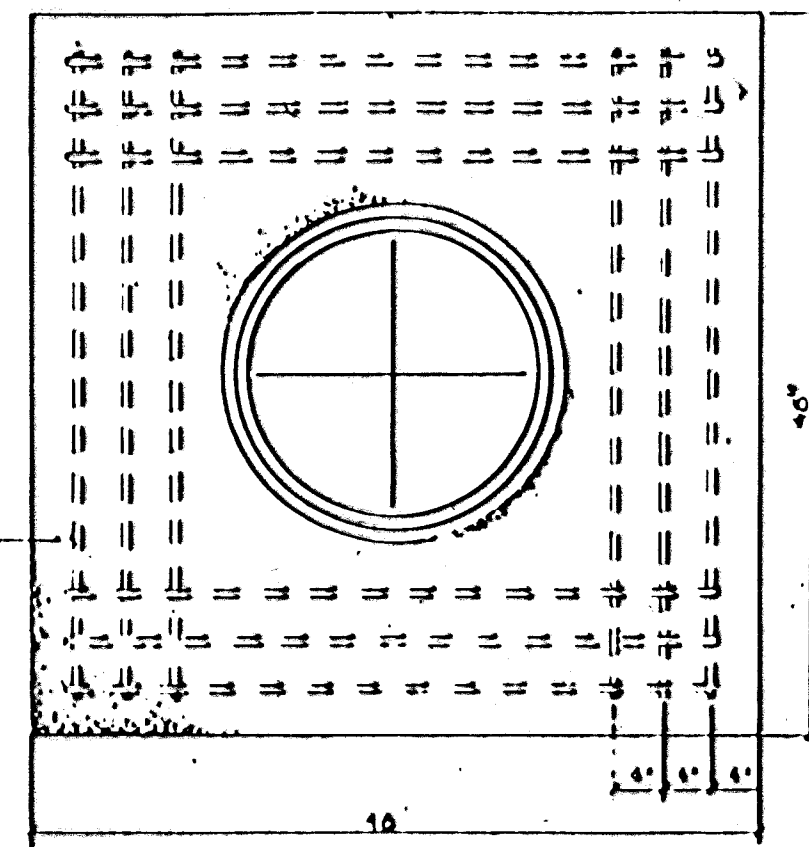
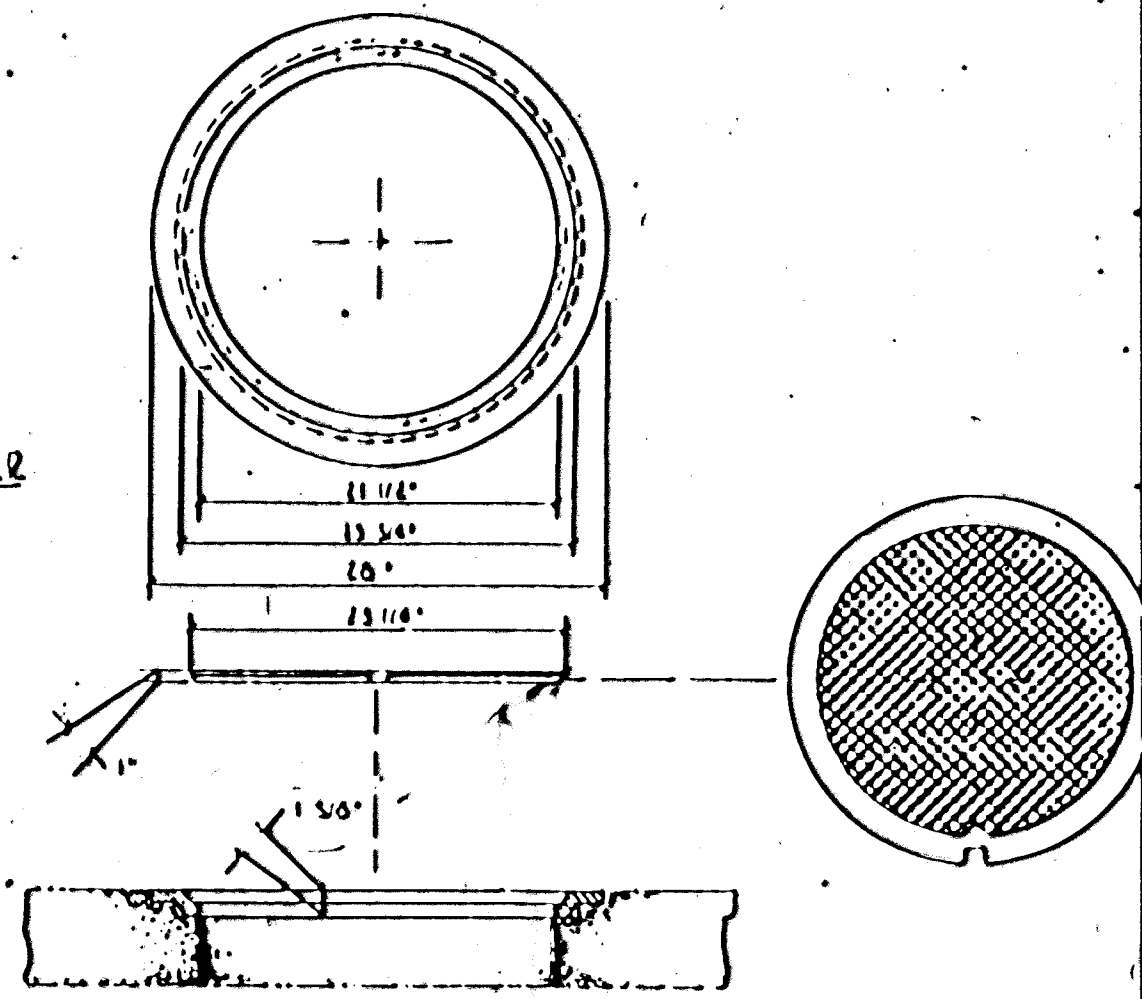


SERVICE BOX CONSTRUCTION / INSTALLATION DETAILS

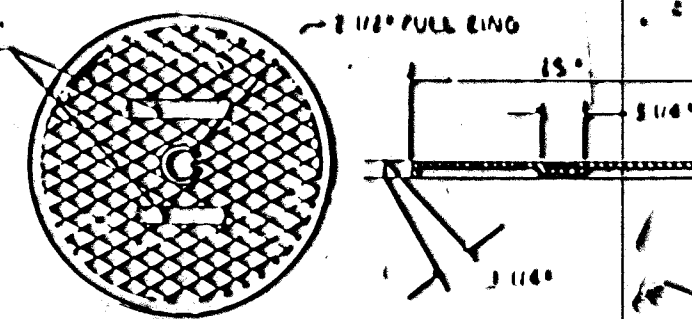
STD. CONC. SERVICE BOX
(48" x 48" x 54" BOX)
6" CAP



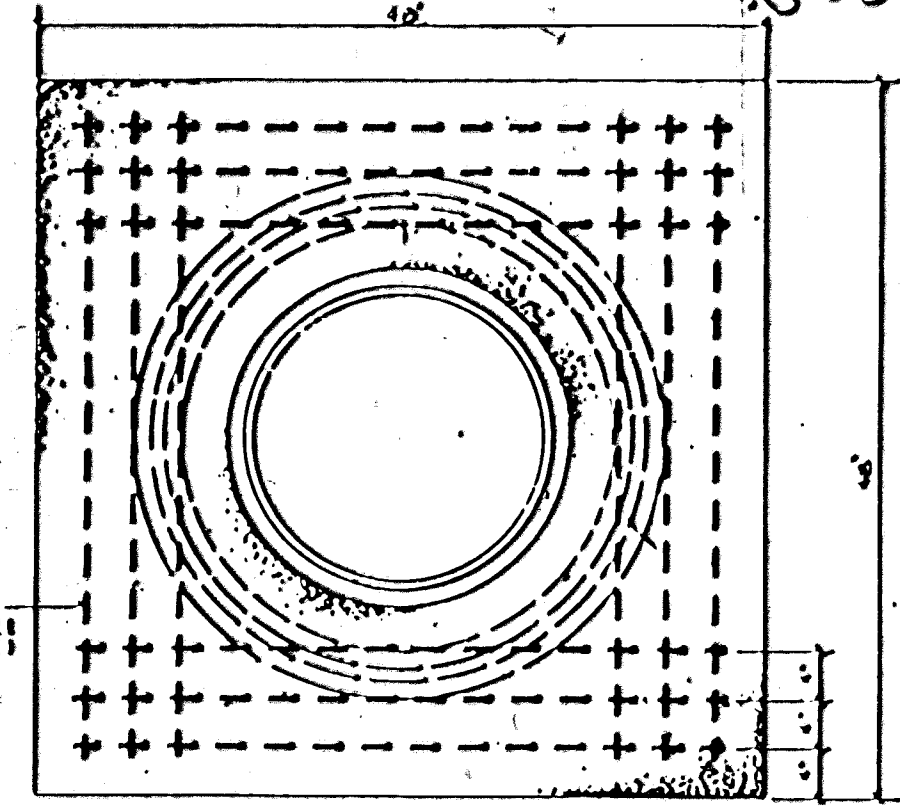
MANHOLE RING & SOLID COVER
(CAST IRON)



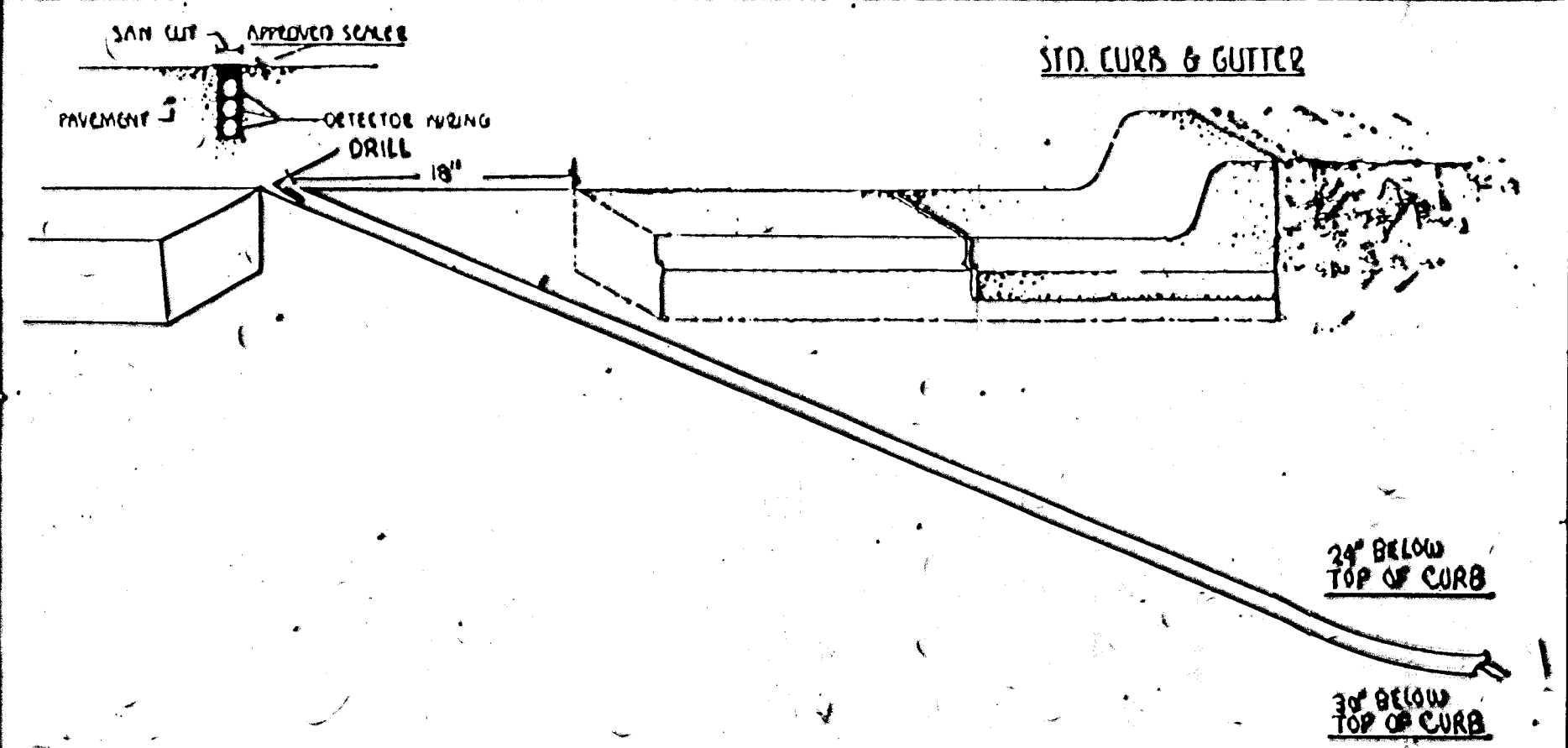
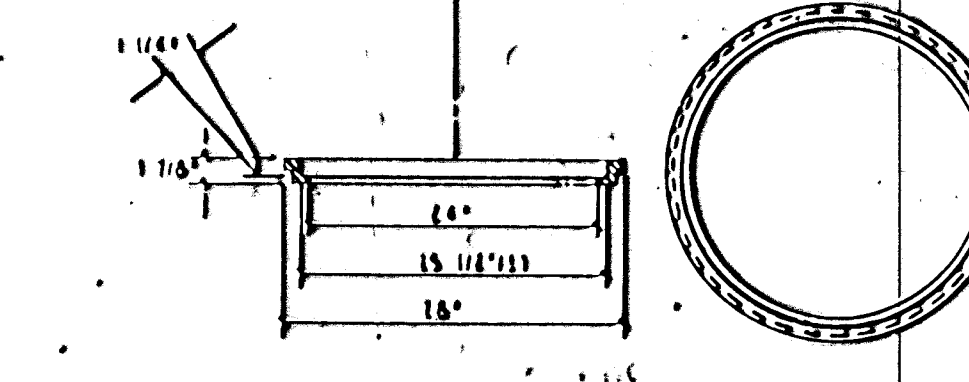
WALKWAY RING & SOLID COVER
(CAST IRON)



PRE-FAB SERVICE BOX
(36" I.D. x 34" R.C.P.)
6" CAP



SARAFI TYPE REINFORCEMENT



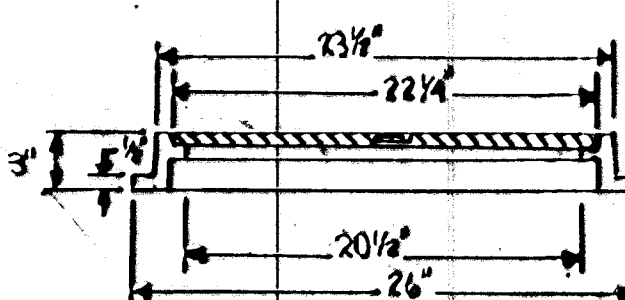
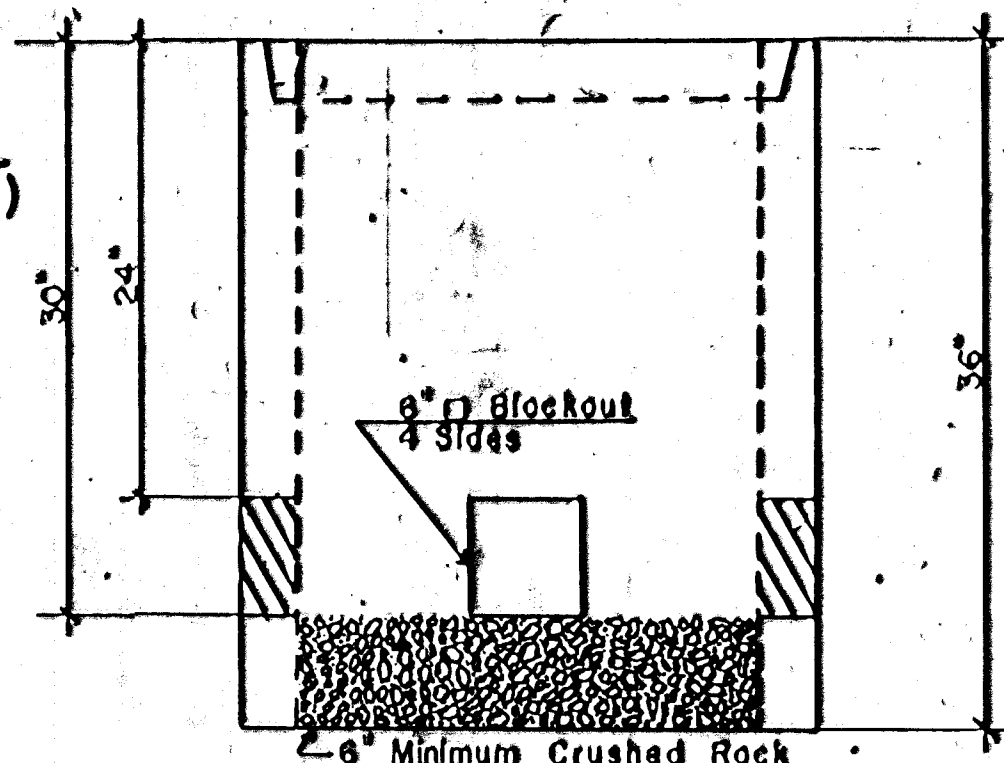
CONDUIT/DETECTOR WIRE INSTALLATION DETAILS

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

JUNCTION BOX DETAILS

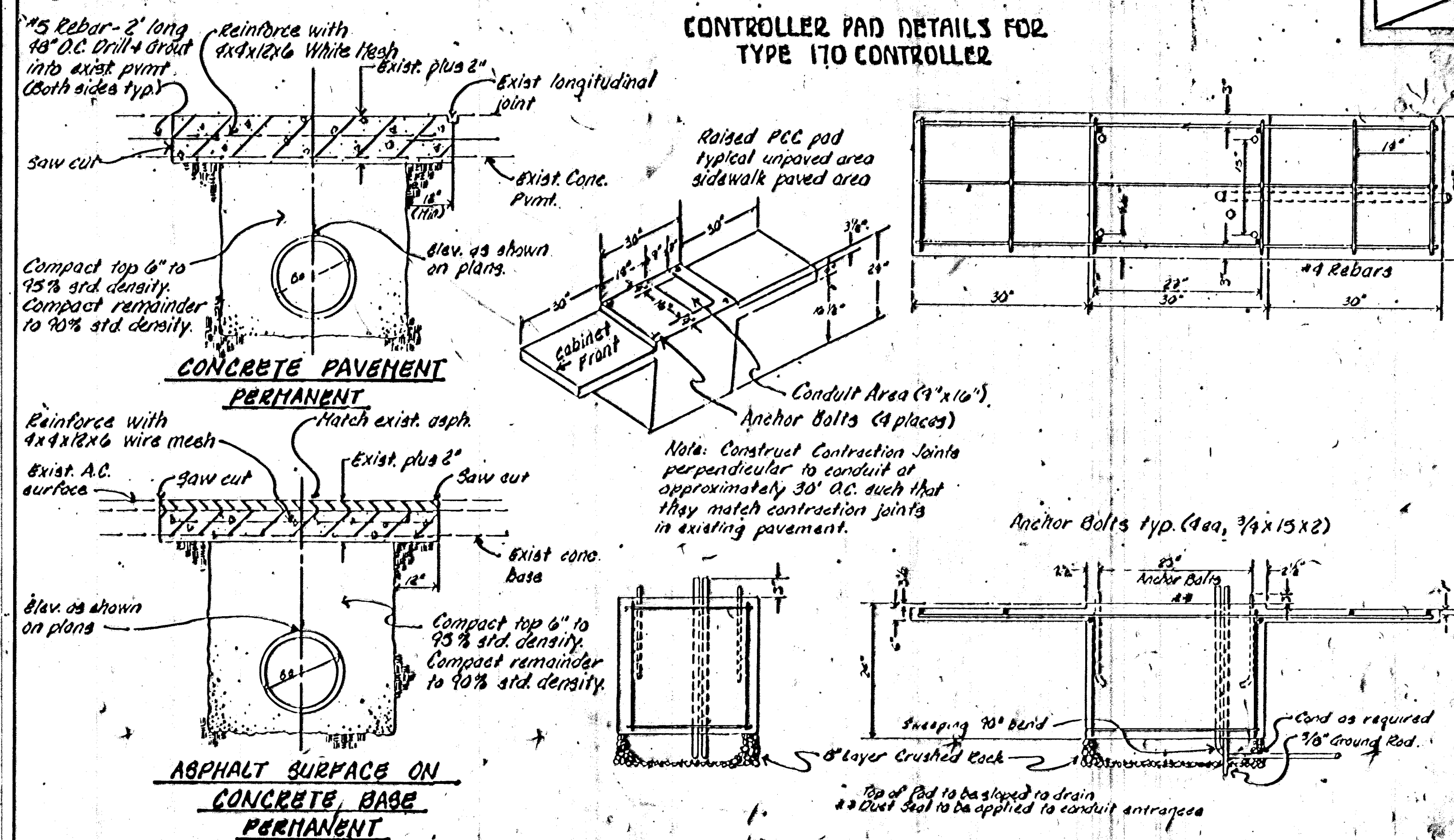
PRE-FAB Junction Box
(24" I.D. x 36" R.C.P.)

NOTE: Seal ring in junction box with grout.



LIGHT DUTY

CONTROLLER PAD DETAILS FOR TYPE I TO CONTROLLER



NOTES

1. All Service Boxes And Junction Boxes Do Have 6" Min. Crushed Rock.
2. SERVICE BOX:
 1. CONDUIT CONNECTION TO BE FLUSH TO WITHIN 5" OF INSIDE FACE OF SIDE WALL WITH ABILITY TO DRAIN CONDUIT INTO SERVICE BOX.
 2. CONDUIT CONNECTIONS TO SERVICE BOX SHALL BE TERMINATED WITH PLASTIC CABLE BUSHING.
 3. CONDUIT SHALL BE SEALED WITH APPROVED SEALER AT INSIDE WALL FACE.
 4. A PRE-CAST SERVICE BOX WITH OPEN BOTTOM WILL BE ACCEPTED AS ALTERNATE SUBJECT TO APPROVAL BY ENGINEER.
3. JUNCTION BOX:
 1. BOX TO BE INSTALLED FLUSH WITH GROUND LEVEL (VARIABLE WITH BOX HEIGHT).
 2. 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.
4. TRENCHING:
 1. 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.
 2. BACKFILL TO BE COMPACTED IN 6" LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 95% STANDARD DENSITY.
 3. SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
 4. 3" RIGID GALV. STL. CONDUIT BETWEEN SERV. BOXES:
 - BTWN. 3/16 & JUNC. BOXES
 - 3/4"
 - BTWN. J/16 & CURB FACE

REVISION DATE	COMMENTS	LINE
Rev. 85	Change Controller Box	300
Rev. 86	Change Junction Box	301
Rev. 87	Change Junction Box	302
Rev. 88	Change Junction Box	303
Rev. 89	Change Junction Box	304
Rev. 90	Change Junction Box	305
Rev. 91	Change Junction Box	306
Rev. 92	Change Junction Box	307
Rev. 93	Change Junction Box	308
Rev. 94	Change Junction Box	309
Rev. 95	Change Junction Box	310

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

PROJECT NUMBER

BOOK NO. _____

DRAWN BY: SEAL

APPROVED BY: _____

DATE: AUG 88

REVISOR: _____

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING DIVISION
WILLIAM B. WHITNEY, TRAFFIC ENGINEER

SCALE: AS SHOWN