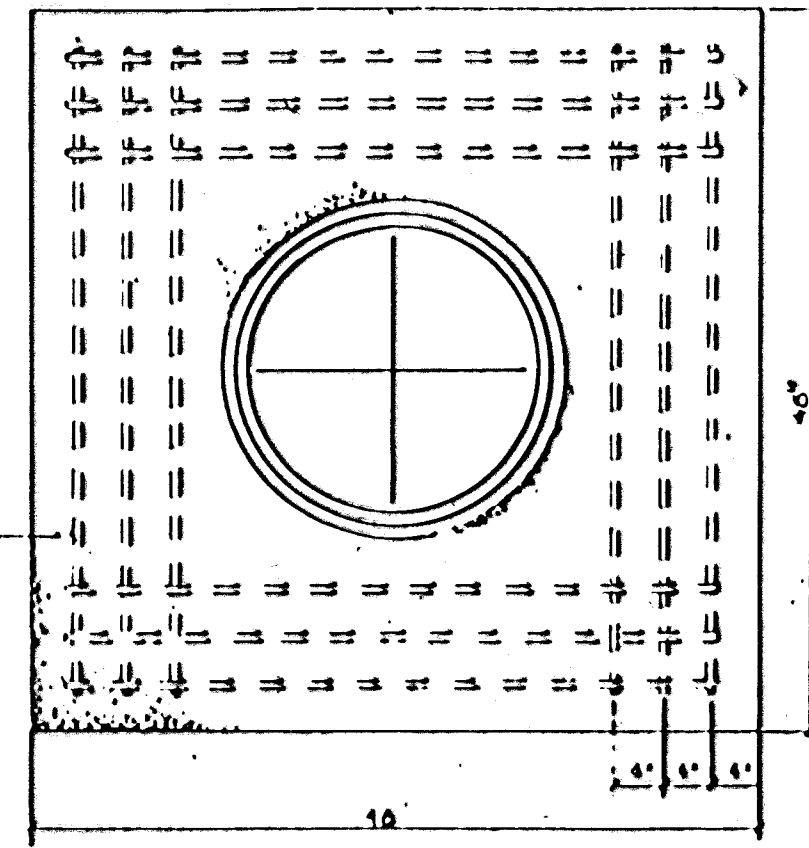
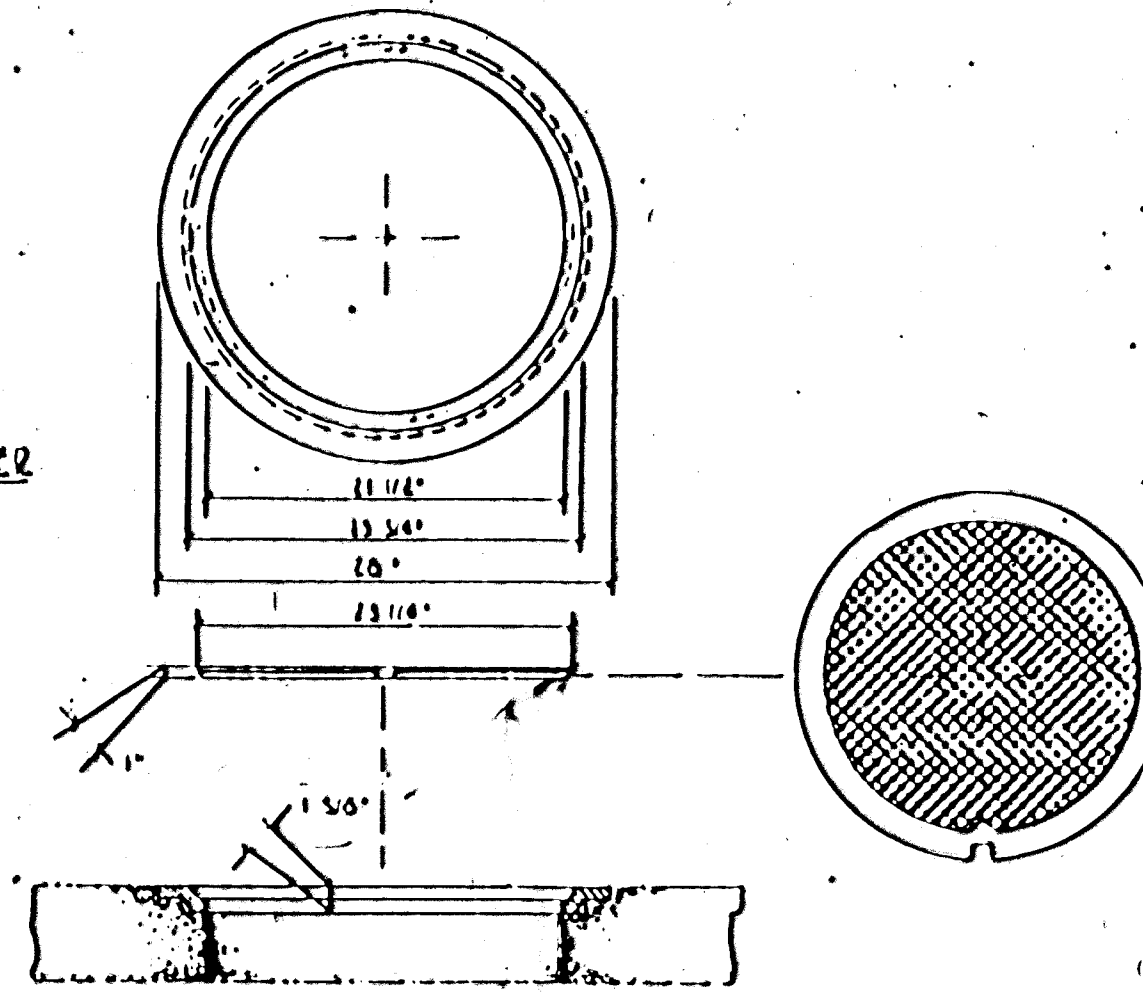


SERVICE BOX CONSTRUCTION / INSTALLATION DETAILS

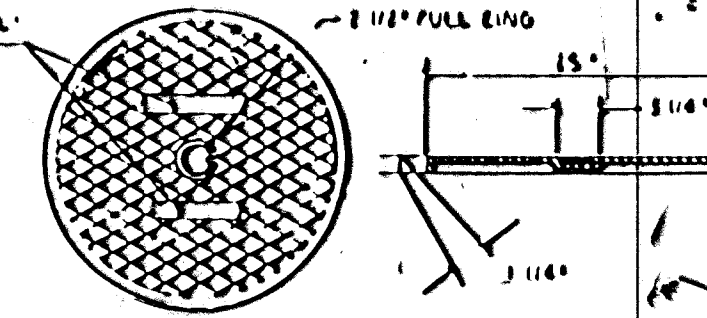
STD. CONC. SERVICE BOX
(48" x 48" x 54" BOX)
6" CAP



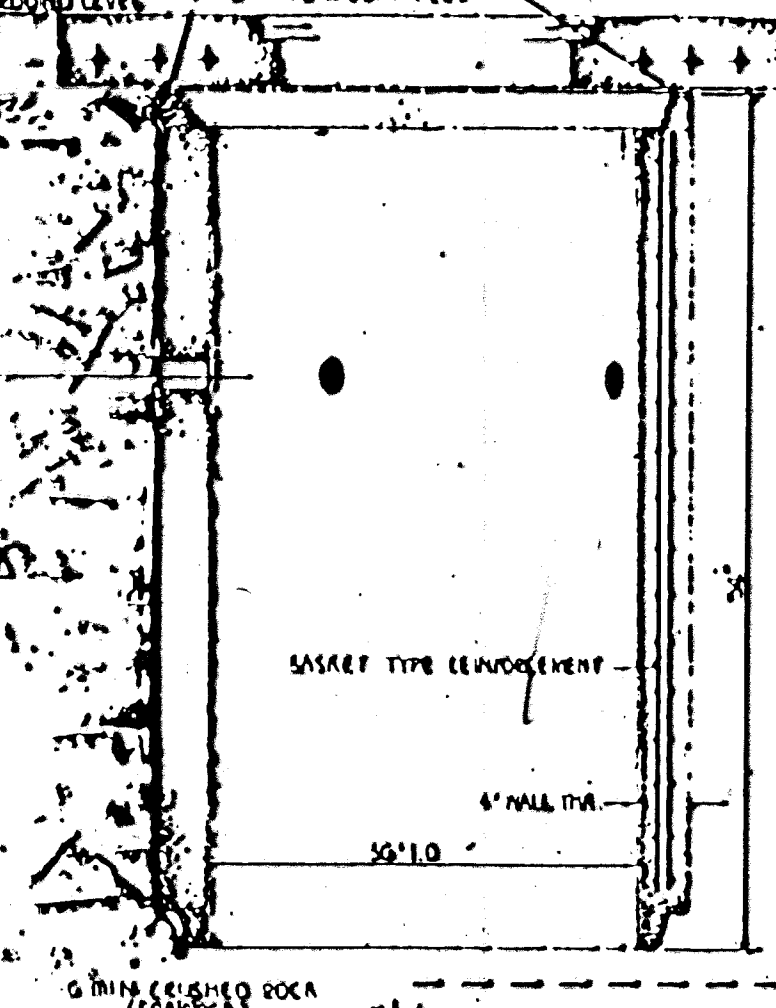
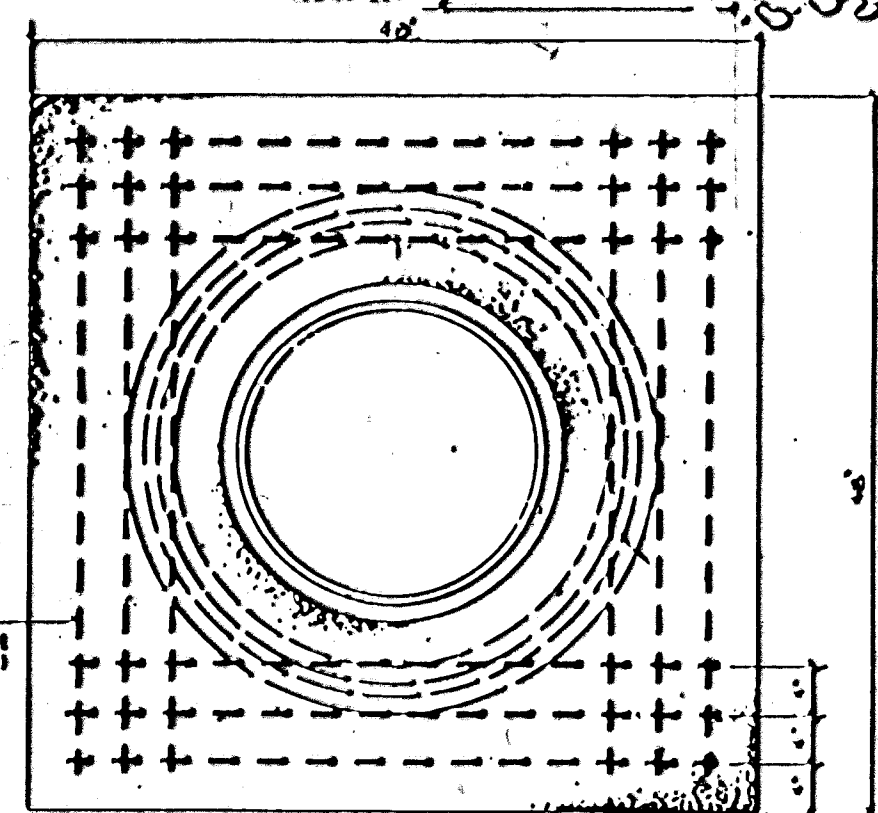
MANHOLE RING & SOLID COVER
(CAST IRON)



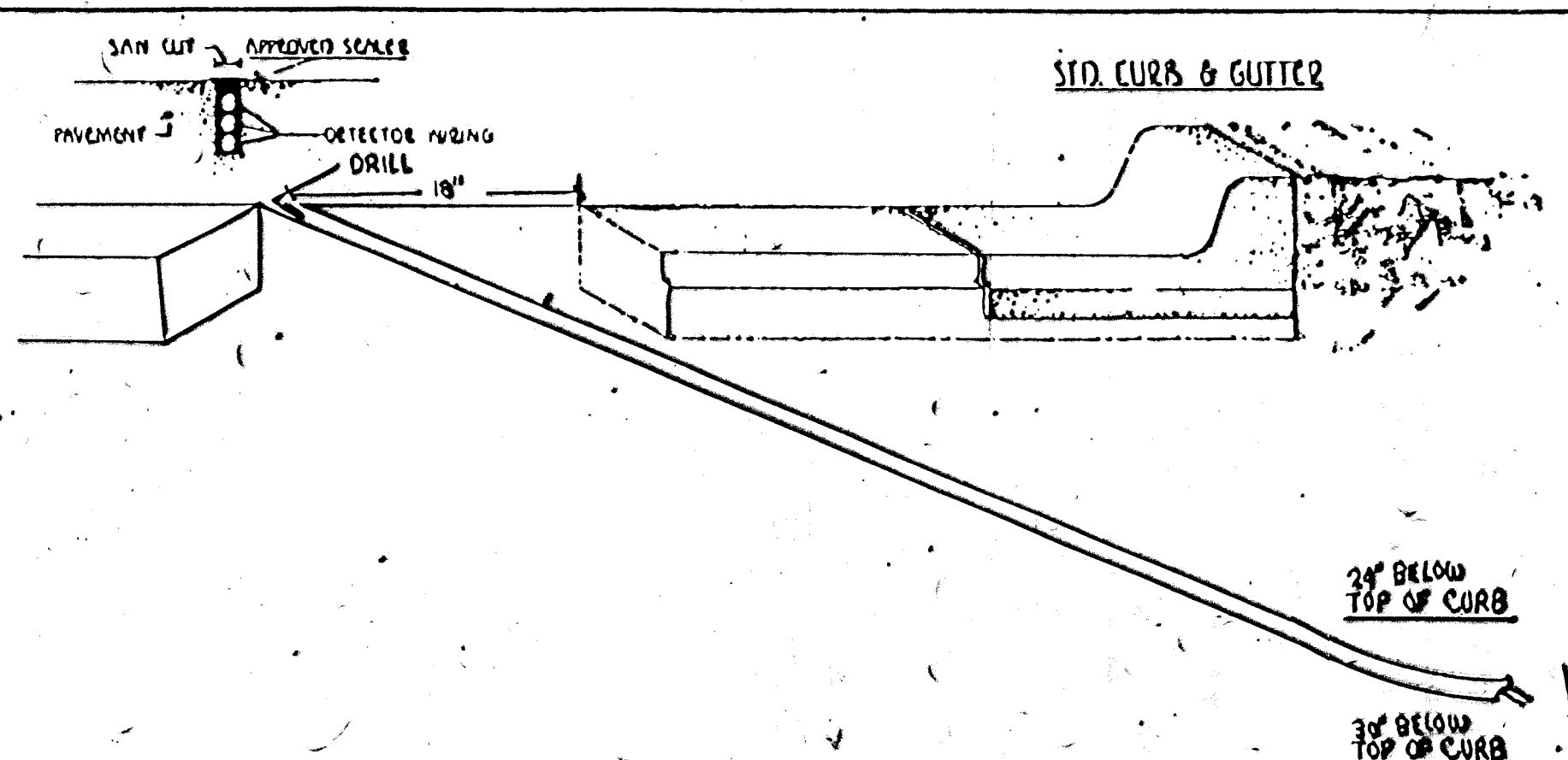
WALKWAY RING & SOLID COVER
(CAST IRON)



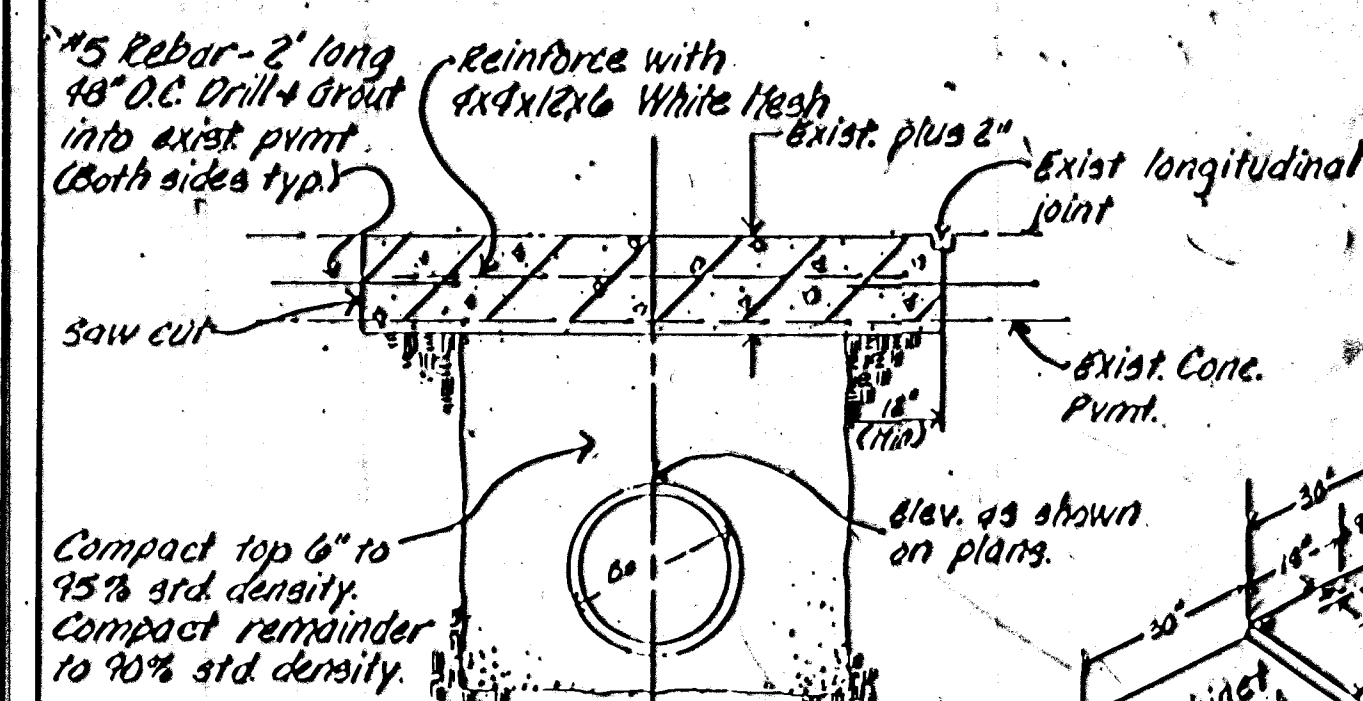
PRE-FAB SERVICE BOX
(36" I.D. x 34" R.C.P.)
6" CAP



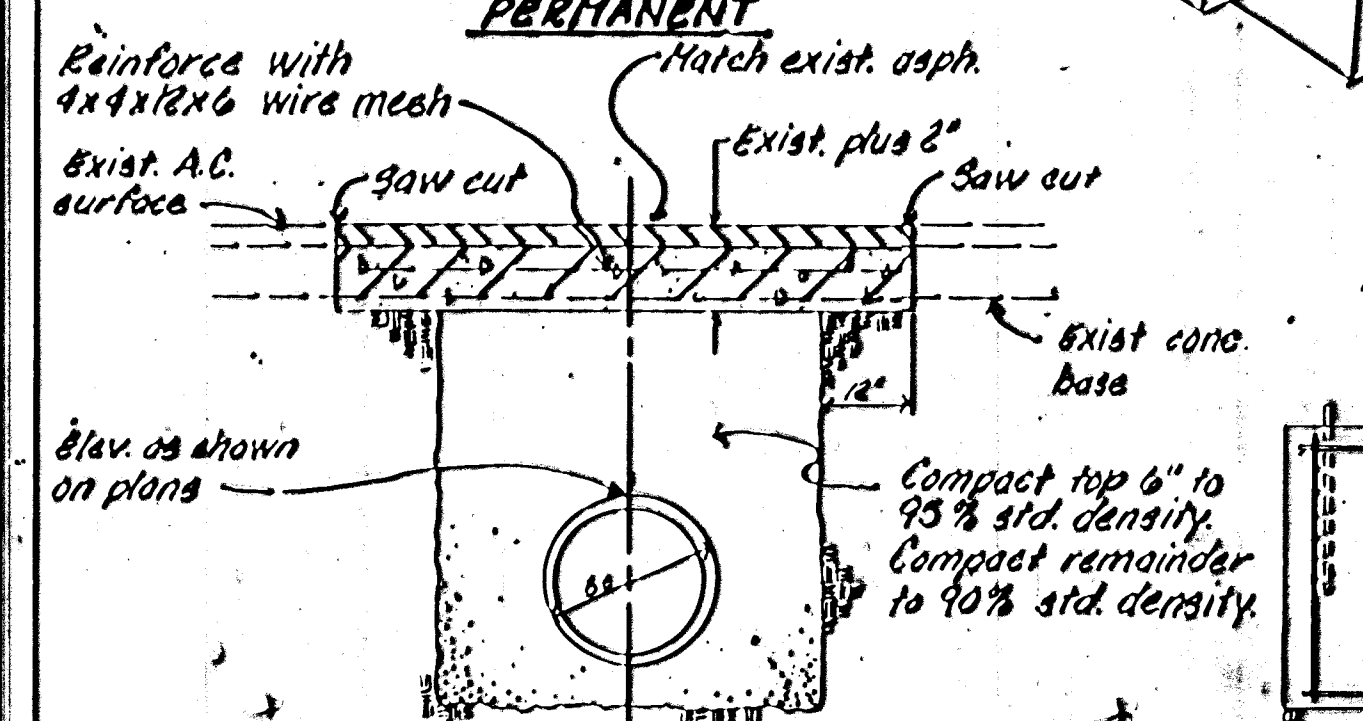
Grout is to be 3 parts sand and 1 part cement with enough water for suitable masto.



CONDUIT/DETECTOR WIRE INSTALLATION DETAILS

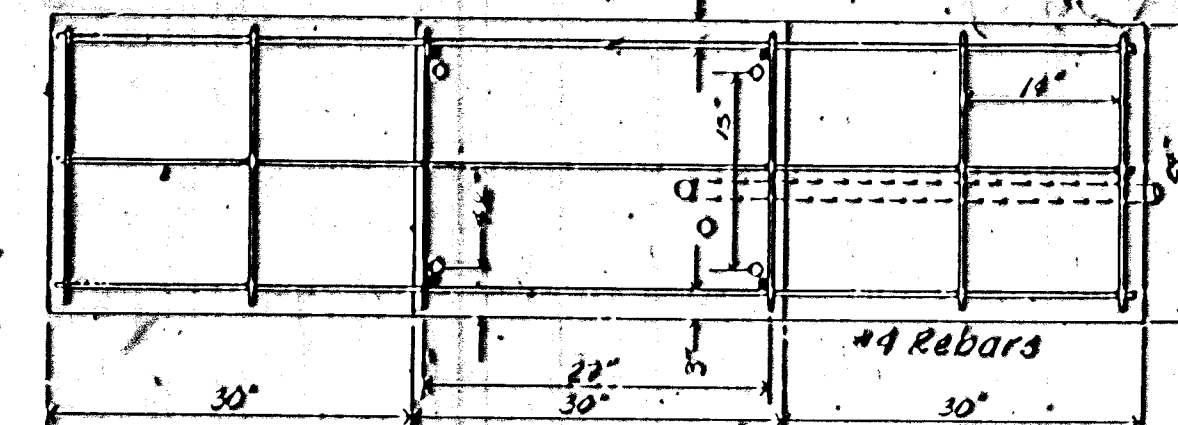
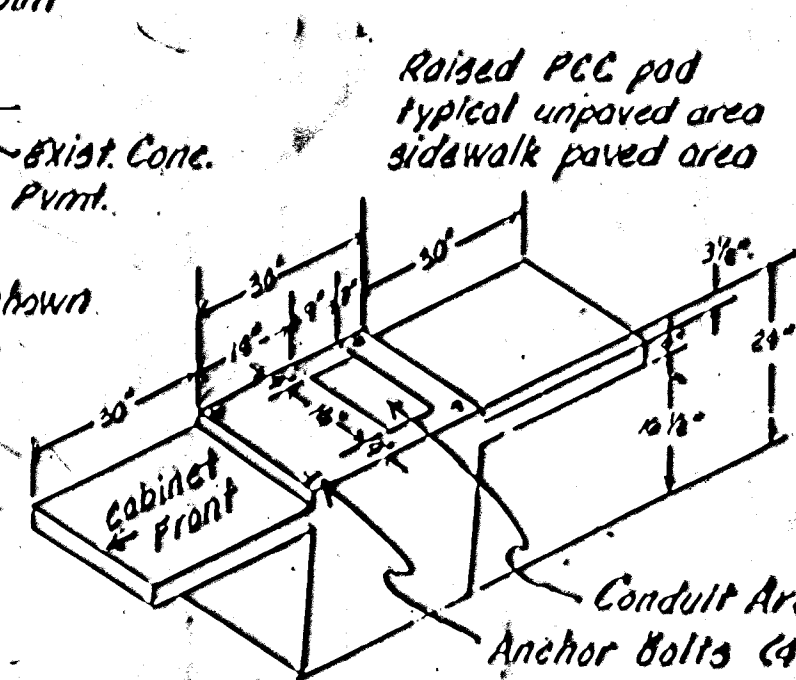


CONCRETE PAVEMENT
PERMANENT



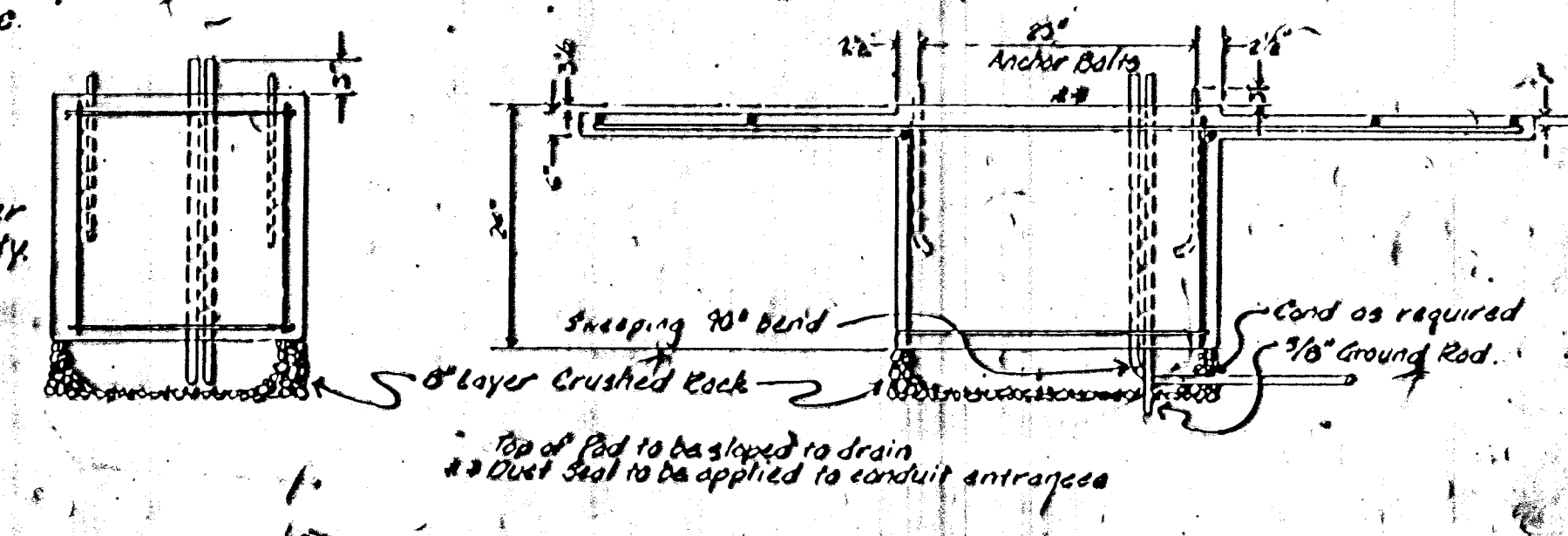
ASPHALT SURFACE ON
CONCRETE BASE
PERMANENT

CONTROLLER PAD DETAILS FOR
TYPE I TO CONTROLLER



Note: Construct Contraction Joints perpendicular to conduit at approximately 30' O.C. such that they match contraction joints in existing pavement.

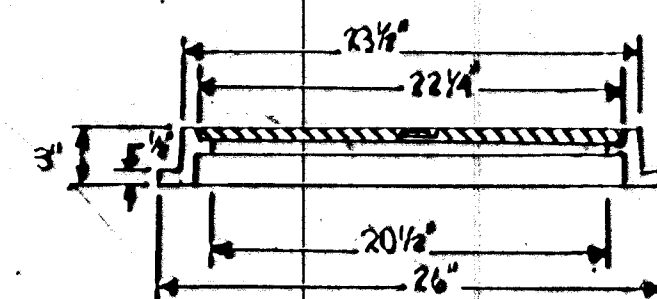
Anchor Bolts typ. (4ea, 3/4" x 15" x 2)



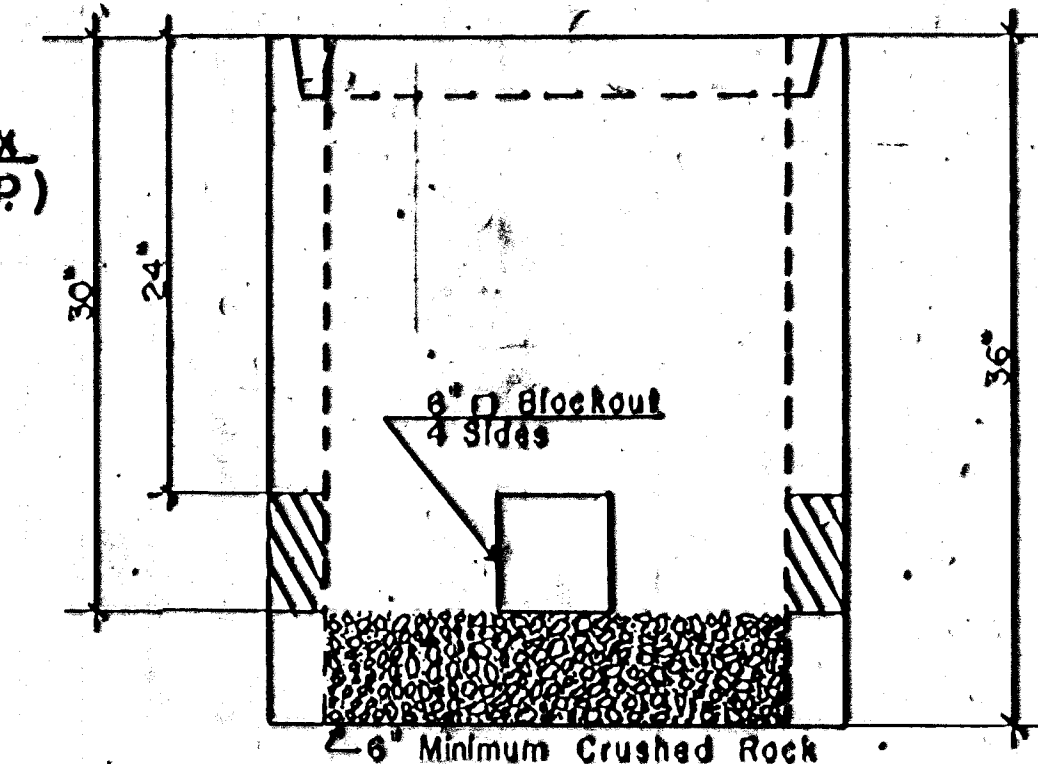
JUNCTION BOX DETAILS

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

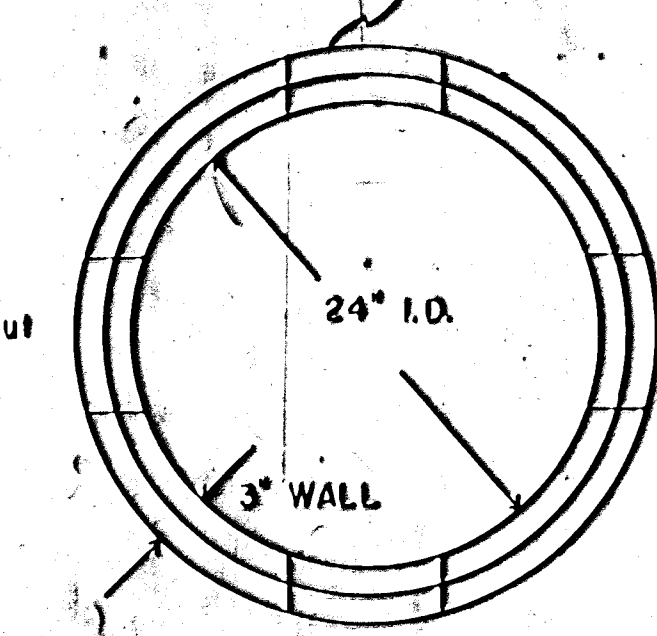
NOTE: Seal ring in junction box with grout.



LIGHT DUTY



W2.0 x W2.0, 3" x 6"
Welded Wire Fabric



NOTES

All Service Boxes And Junction Boxes Do Have 6" Min. Crushed Rock.

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.

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.

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 25% STANDARD DENSITY.
3. SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
4. 3" RIGID GALV. STL. CONDUIT - BETWEEN SERV. BOXES - 6" MIN. 3/8" JUNC. BOXES - 3/4" - 6" MIN. 3/8" JUNC. BOXES - 3/4"

REVISION DATE	COMMENTS	LINE
Rev. 85	Change Controller Box	300
Rev. 86	Change Junction Box	300
Rev. 87	Change Junction Box	300
Rev. 88	Change Junction Box	300
Rev. 89	Change Junction Box	300
Rev. 90	Change Junction Box	300
Rev. 91	Change Junction Box	300
Rev. 92	Change Junction Box	300
Rev. 93	Change Junction Box	300
Rev. 94	Change Junction Box	300
Rev. 95	Change Junction Box	300

SERVICE / JUNCTION BOX, CONTROLLER PAD CONSTRUCTION / INSTALLATION DETAILS

PROJECT DESCRIPTION

PROJECT NUMBER

BOOK NO.

DRAWN BY: SEAL

APPROVED BY:

DATE: AUG 88

REVISOR:

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING DIVISION

W. B. WHITNEY, TRAFFIC ENGINEER

SCALE: AS SHOWN