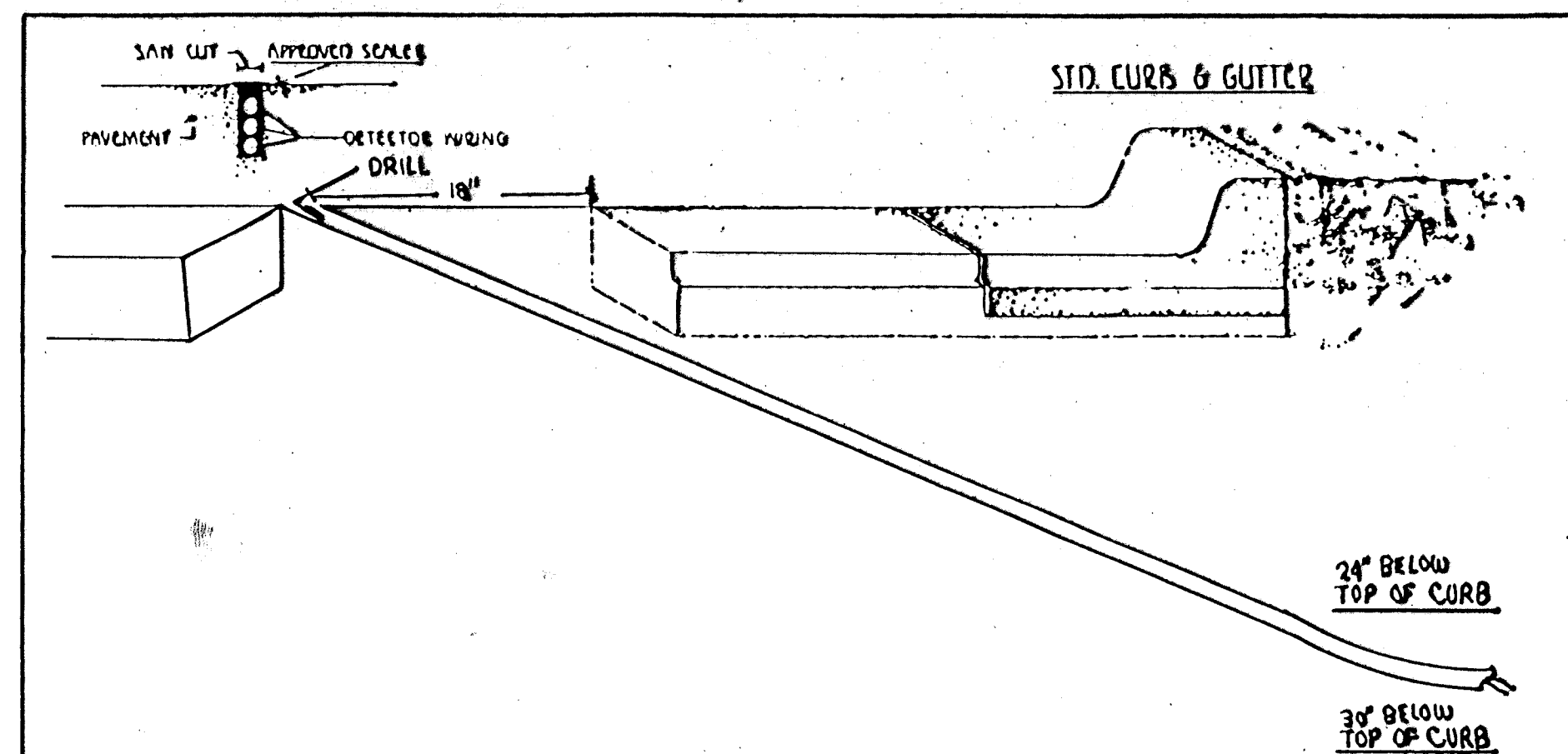
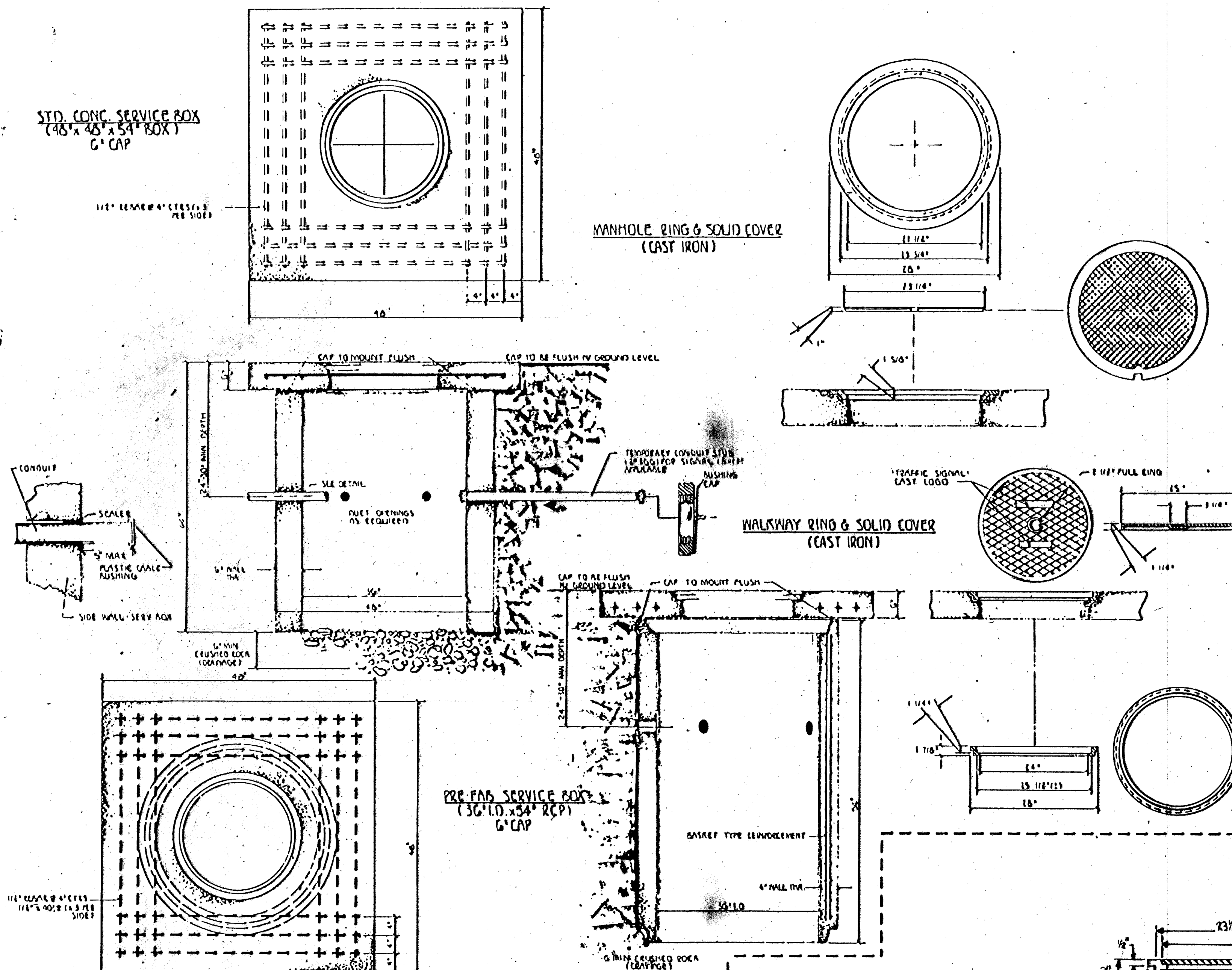
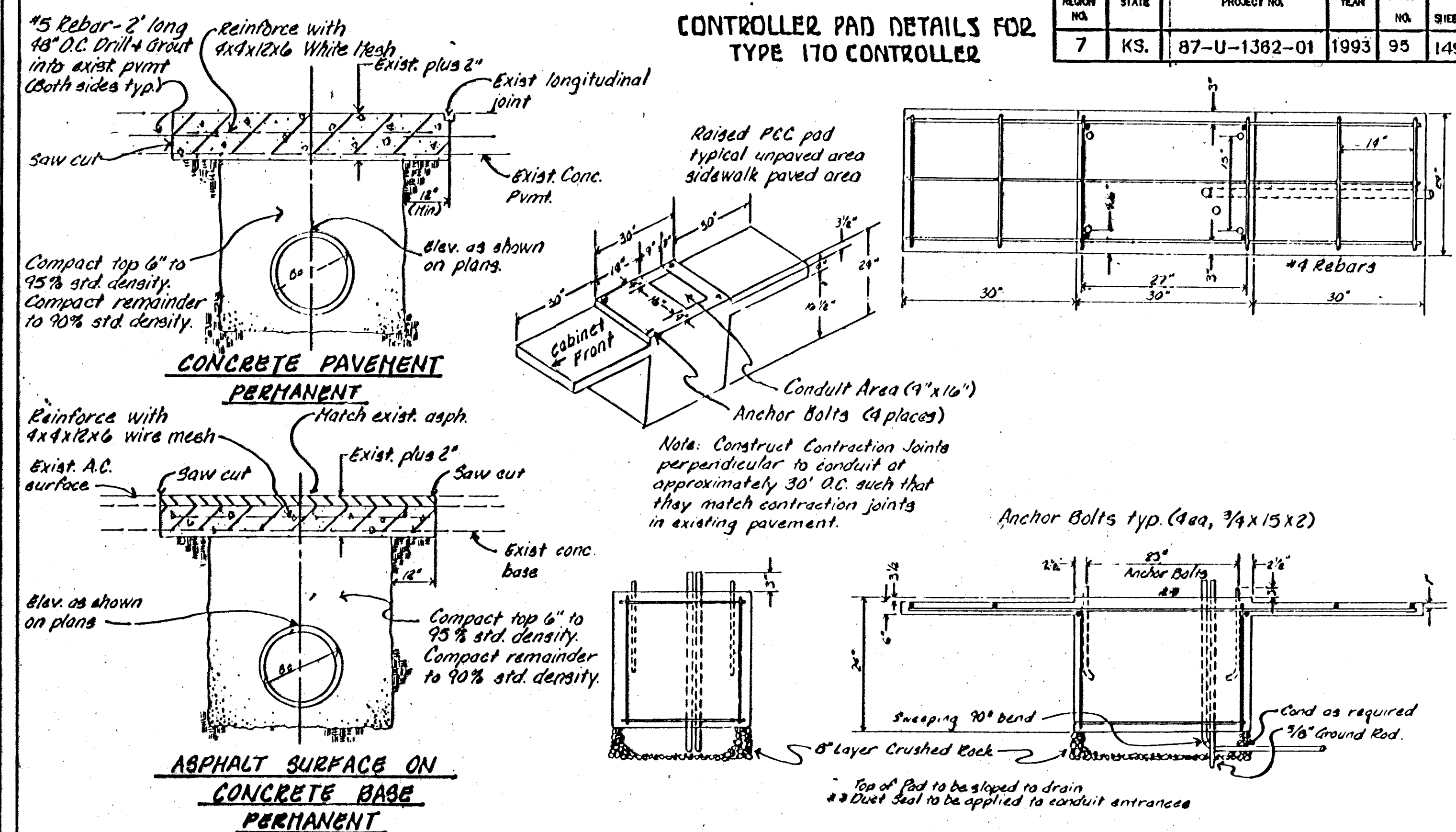


• SERVICE BOX CONSTRUCTION / INSTALLATION DETAILS •



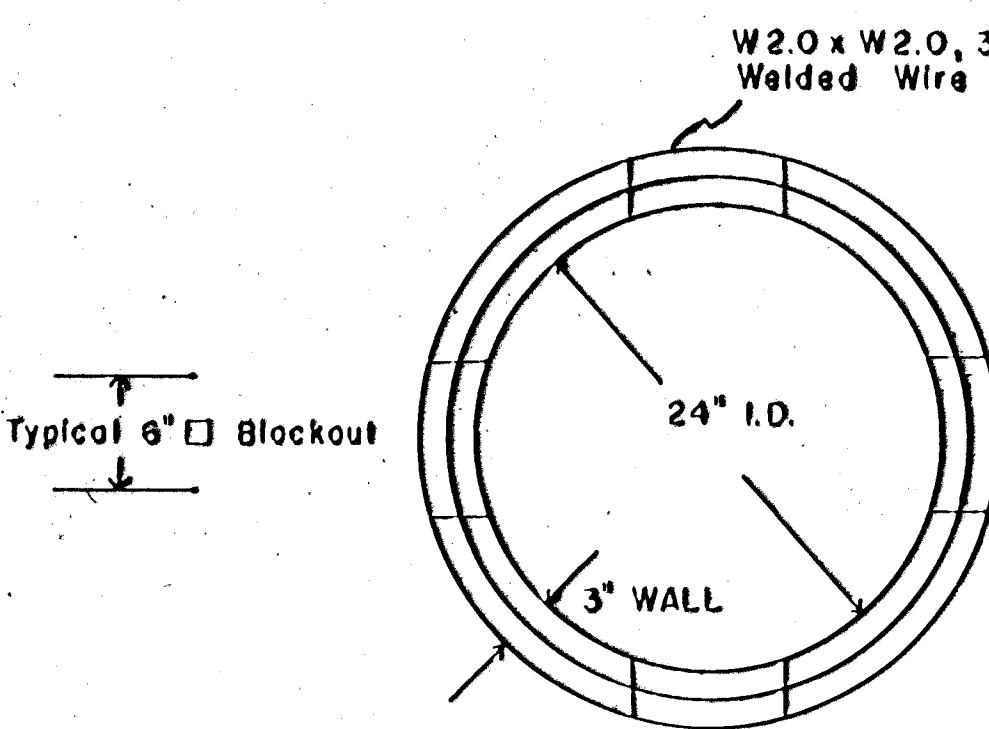
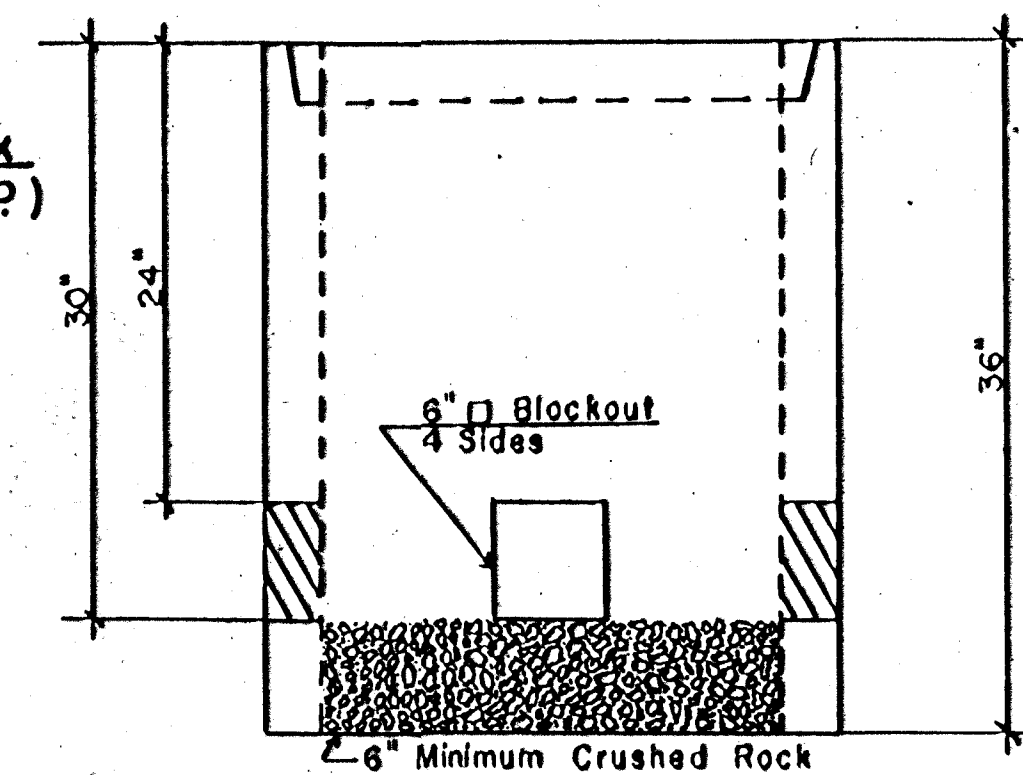
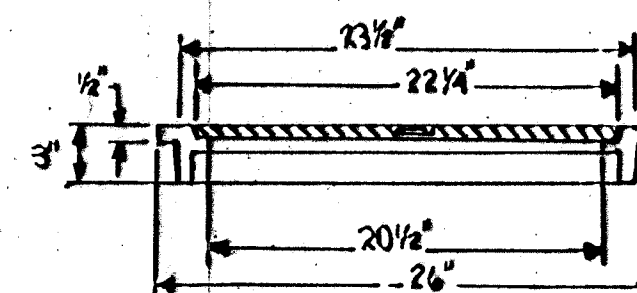
• CONDUIT/DETECTOR WIRE INSTALLATION DETAILS •



• JUNCTION BOX DETAILS •

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

NOTE: Grout ring in junction box.



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 & STABLE 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
1 1/4" BETWEEN SIB & JUNC. BOXES
3/4" BETWEEN JIB & CURB FACE

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

PROJECT NUMBER
87-U-1362-01

BOOK NO. APPROVED BY DATE AUG 83
DRAWN BY SEAL REVISED

CITY OF WICHITA
DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING DIVISION
WM G. WHINLEY TRAFFIC ENGINEER SCALE
NO SCALE

REVISION DATE	COMMENTS	INT.
Aug. 83	Change Controller Box	JD
July 80	Change Conduit Depth	WJB
June 78	Change Conduit Depth	WJB
Apr. 78	Change Junction Box	WJB