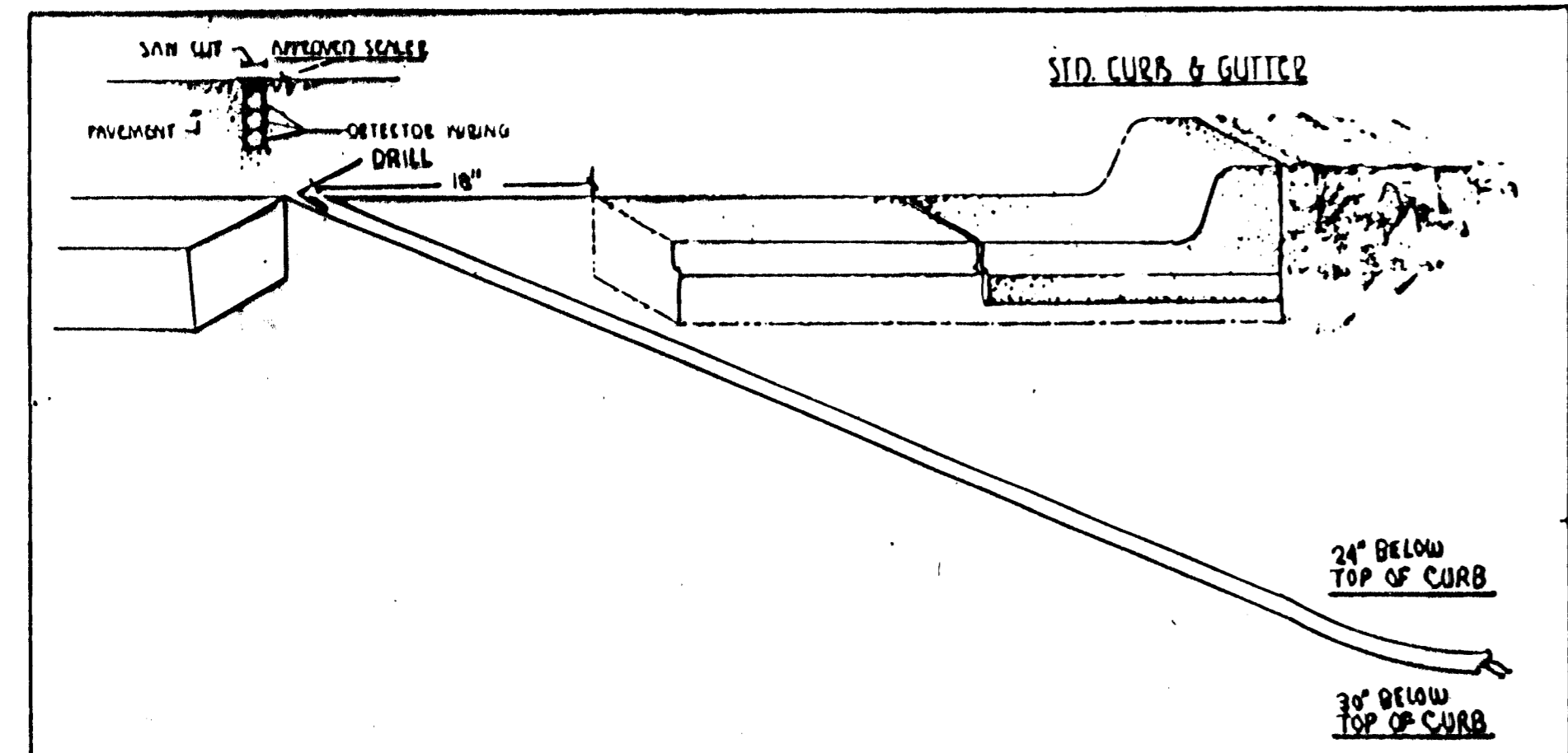
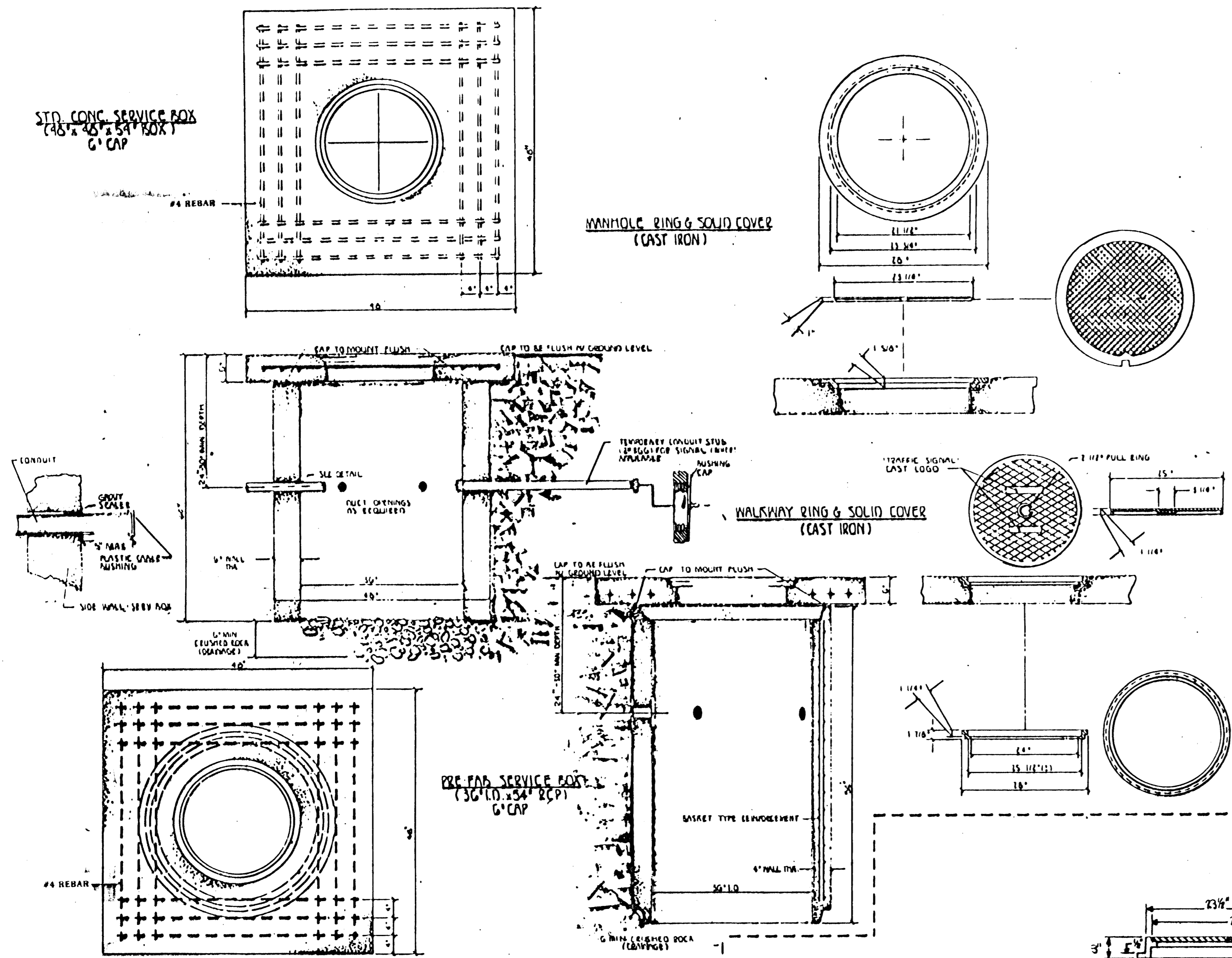


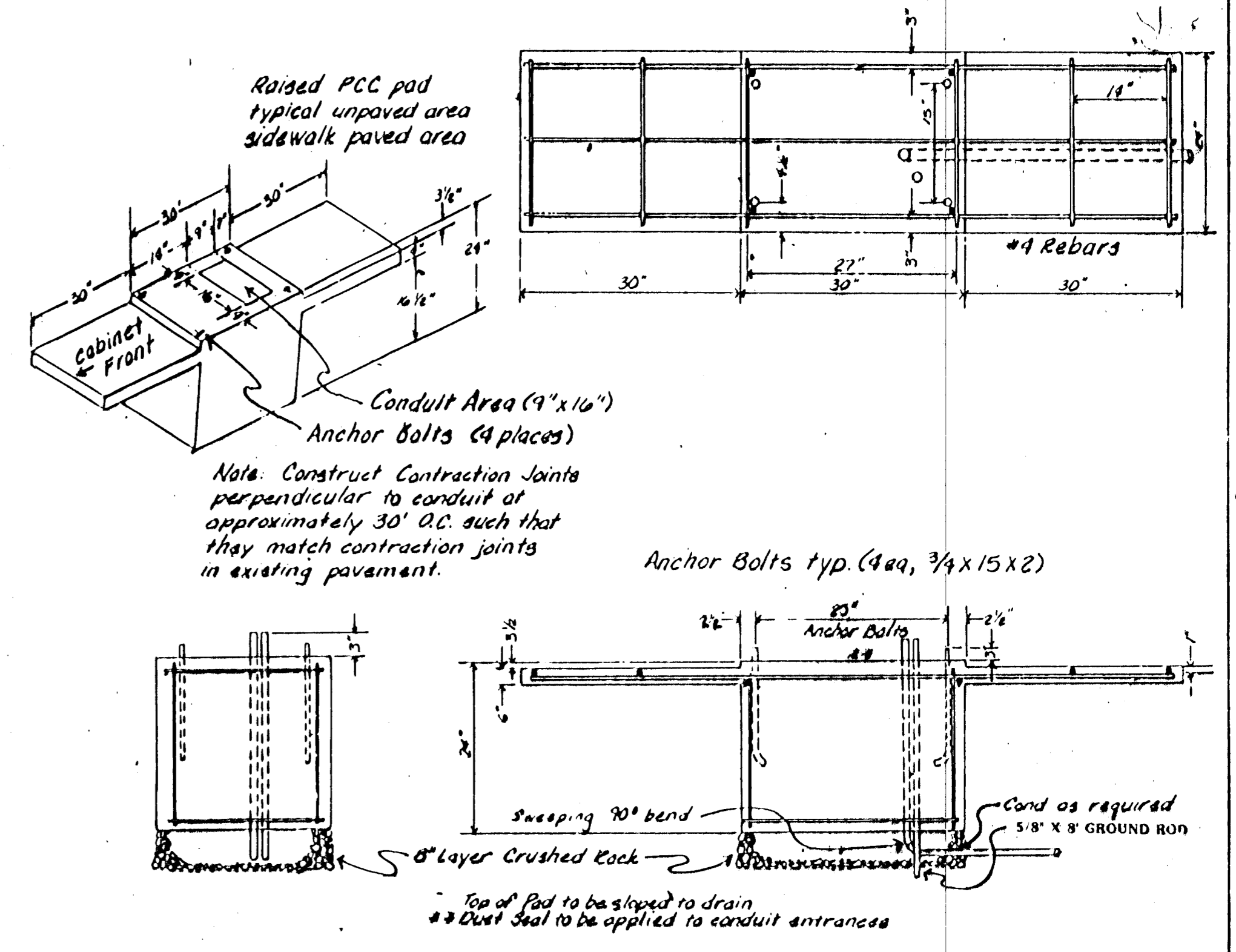
SERVICE BOX CONSTRUCTION / INSTALLATION DETAILS



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

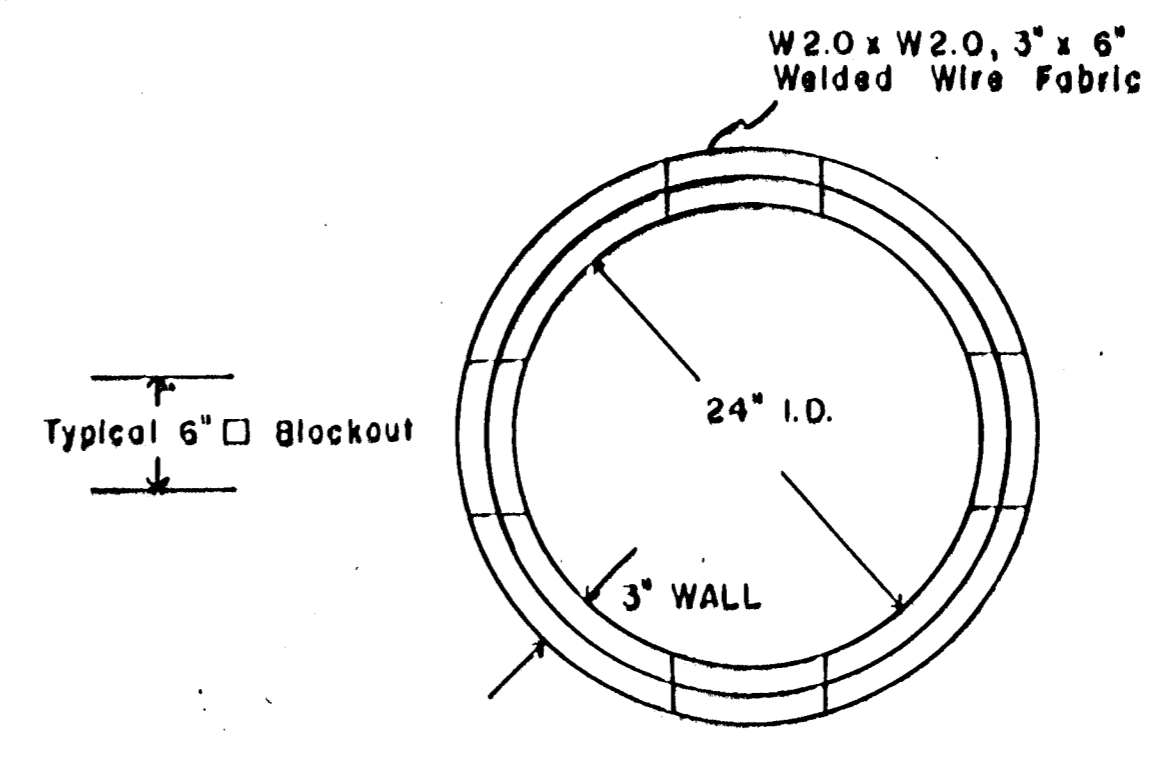
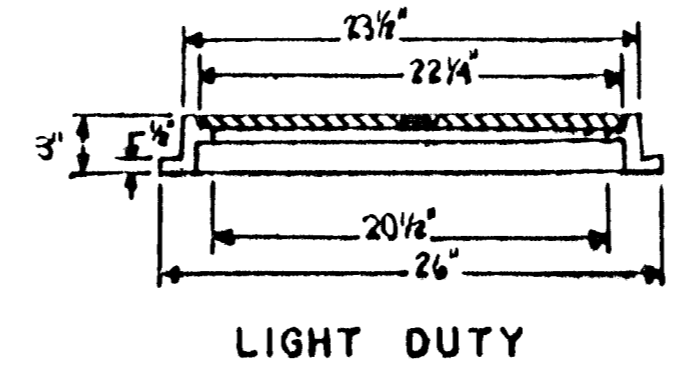
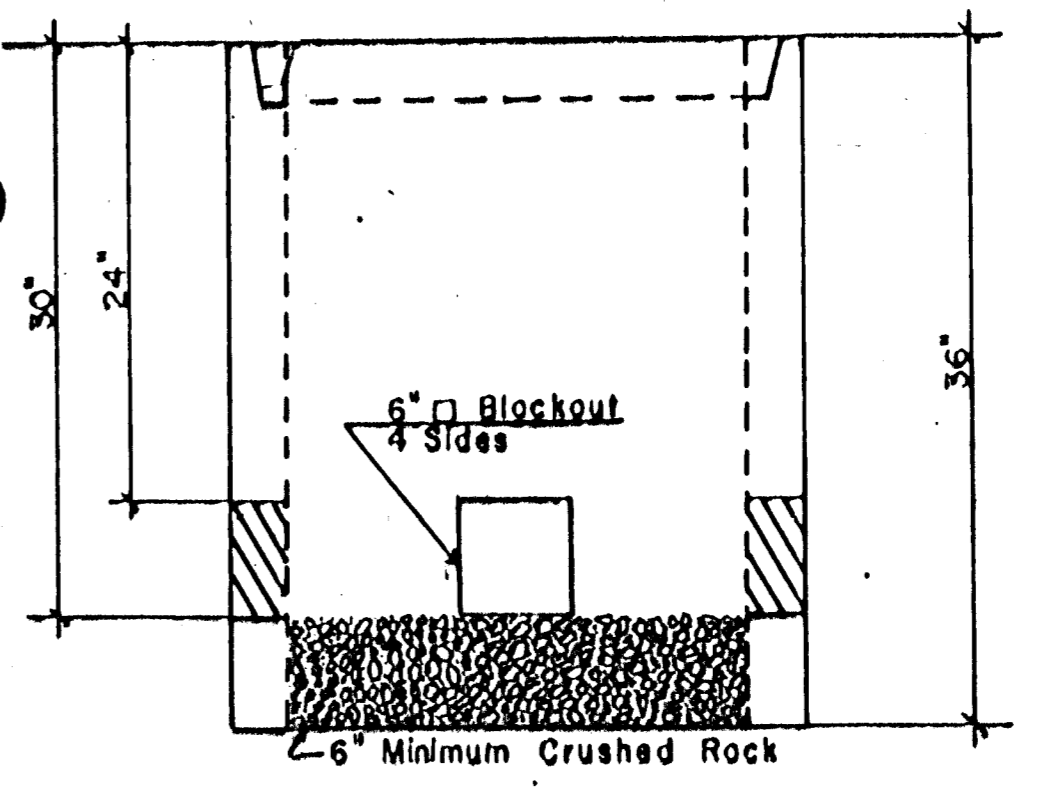
CONDUIT/DETECTOR WIRE INSTALLATION DETAILS

CONTROLLER PAD DETAILS FOR TYPE 170 CONTROLLER



JUNCTION BOX DETAILS

PRE-FAB Junction Box (24\"/>



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

- SERVICE BOX:**
- CONDUIT CONNECTION TO BE FLUSH TO WITHIN 5\"/>
 - 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\"/>
 - BACKFILL TO BE COMPACTED IN 6\"/>
 - SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
 - 3\"/>

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

REVISION DATE	REVISION'S	INT.
Apr. 88	Change Controller Box	JTB
July 90	Change Conduit Depth	JTB
Oct. 92	Change Detector Depth	JTB
Apr. 93	Change Junction Box	JTB
Nov. 93	Add Grout Spec	JTB
Jan. 95	Add #4 Rebar & 8\"/>	JTB

PROJECT NUMBER
468-82138 & 472-82668

BOOK NO. _____ APPROVED BY _____ DATE AUG 93

DRAWN BY SEAL _____ REVISED _____

CITY OF WICHITA
 DEPARTMENT OF PUBLIC WORKS

TRAFFIC ENGINEERING DIVISION
 WM G WHINLEY TRAFFIC ENGINEER

SCALE
 NO SCALE