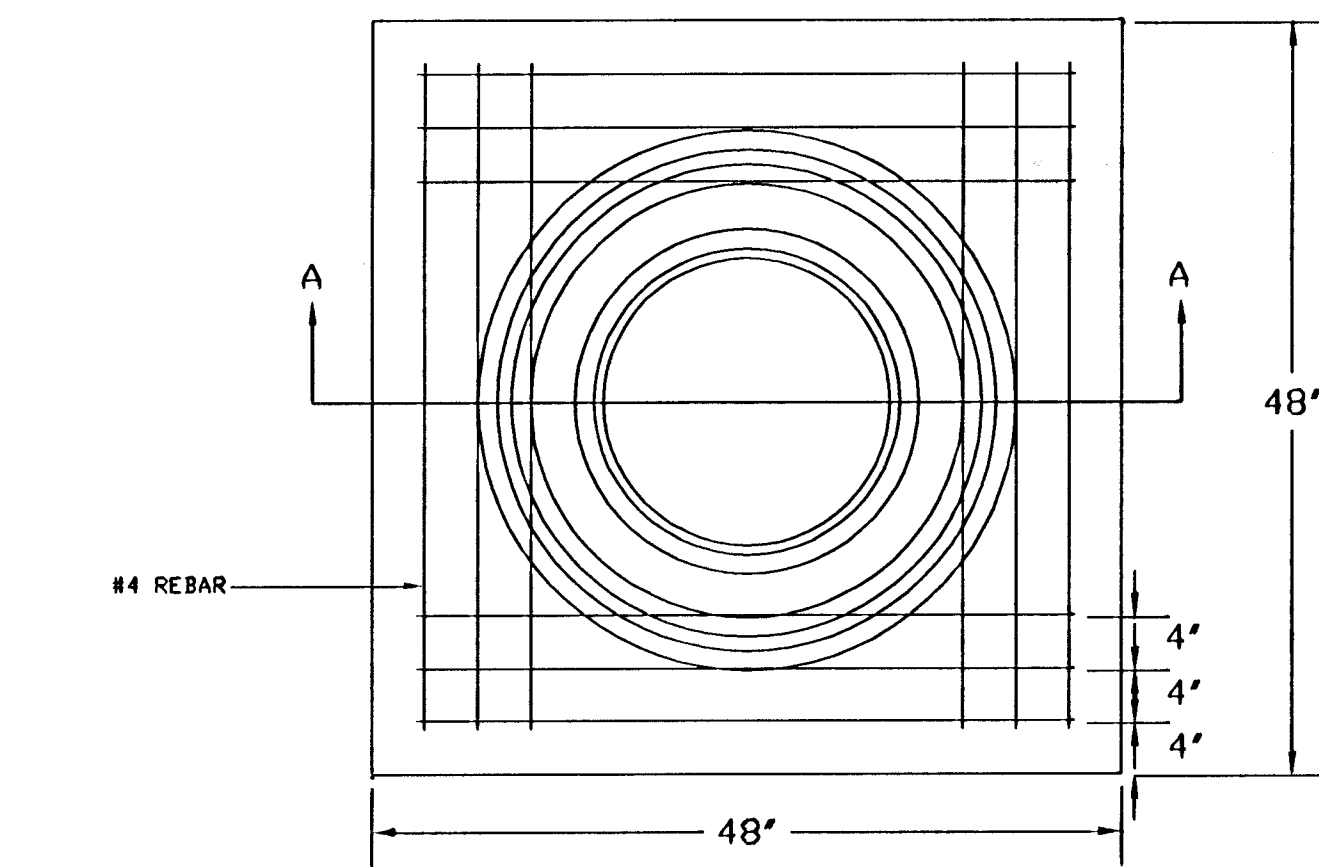
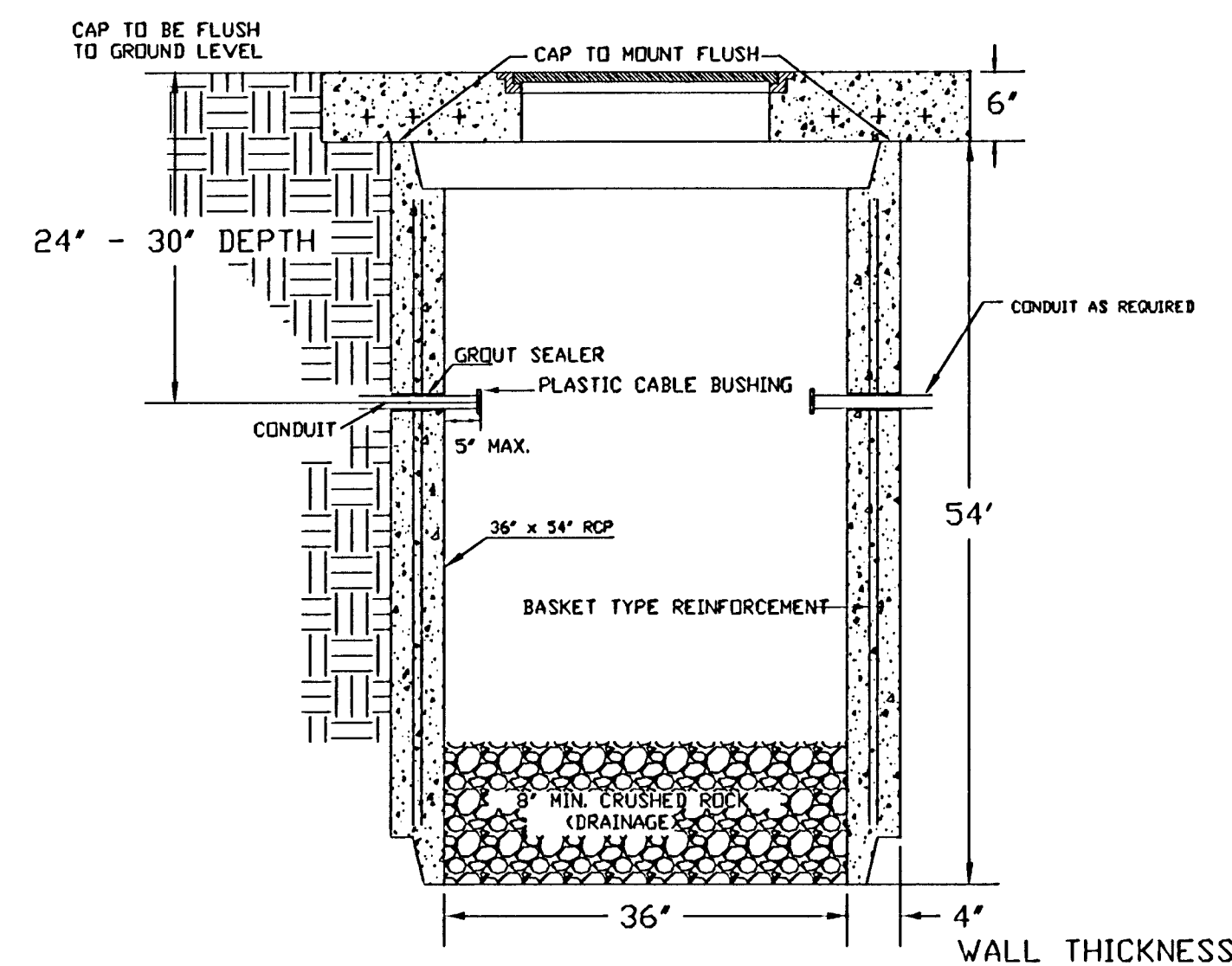


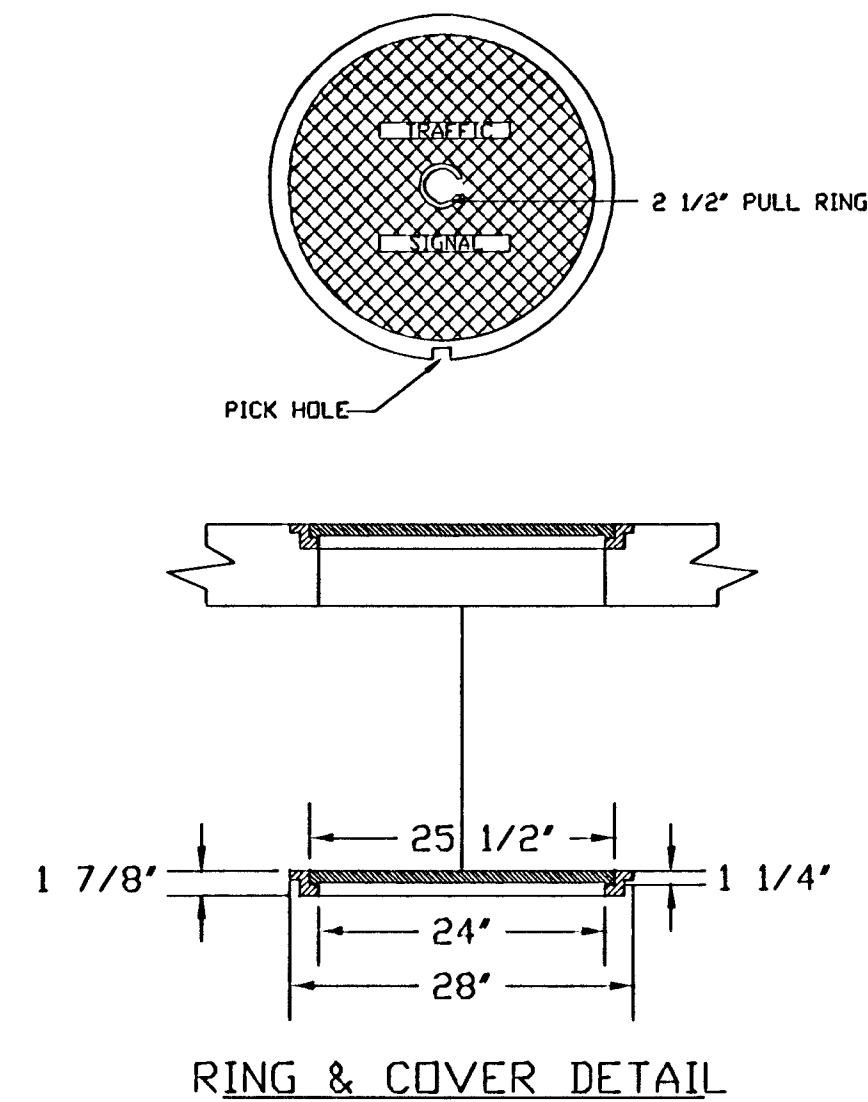
SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



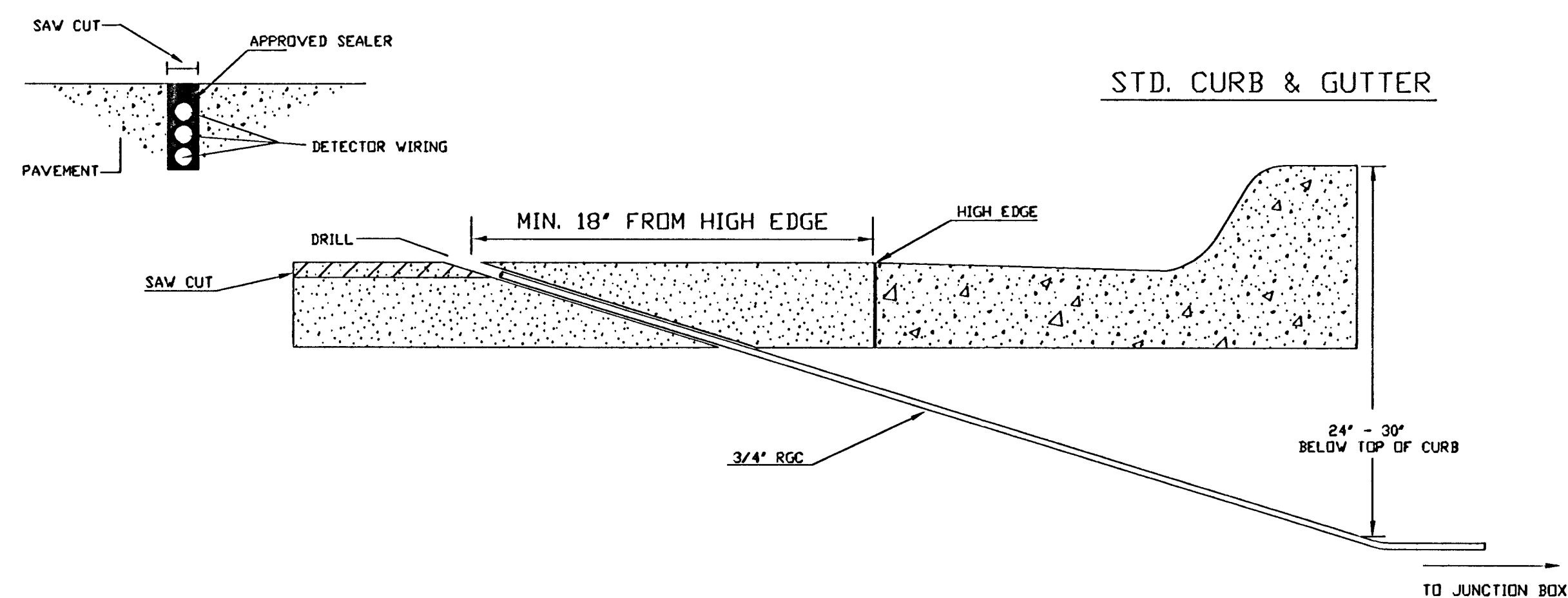
PRE-CAST CONCRETE
SERVICE BOX
(36" I.D. X 54" RCP)
with 6" CAP



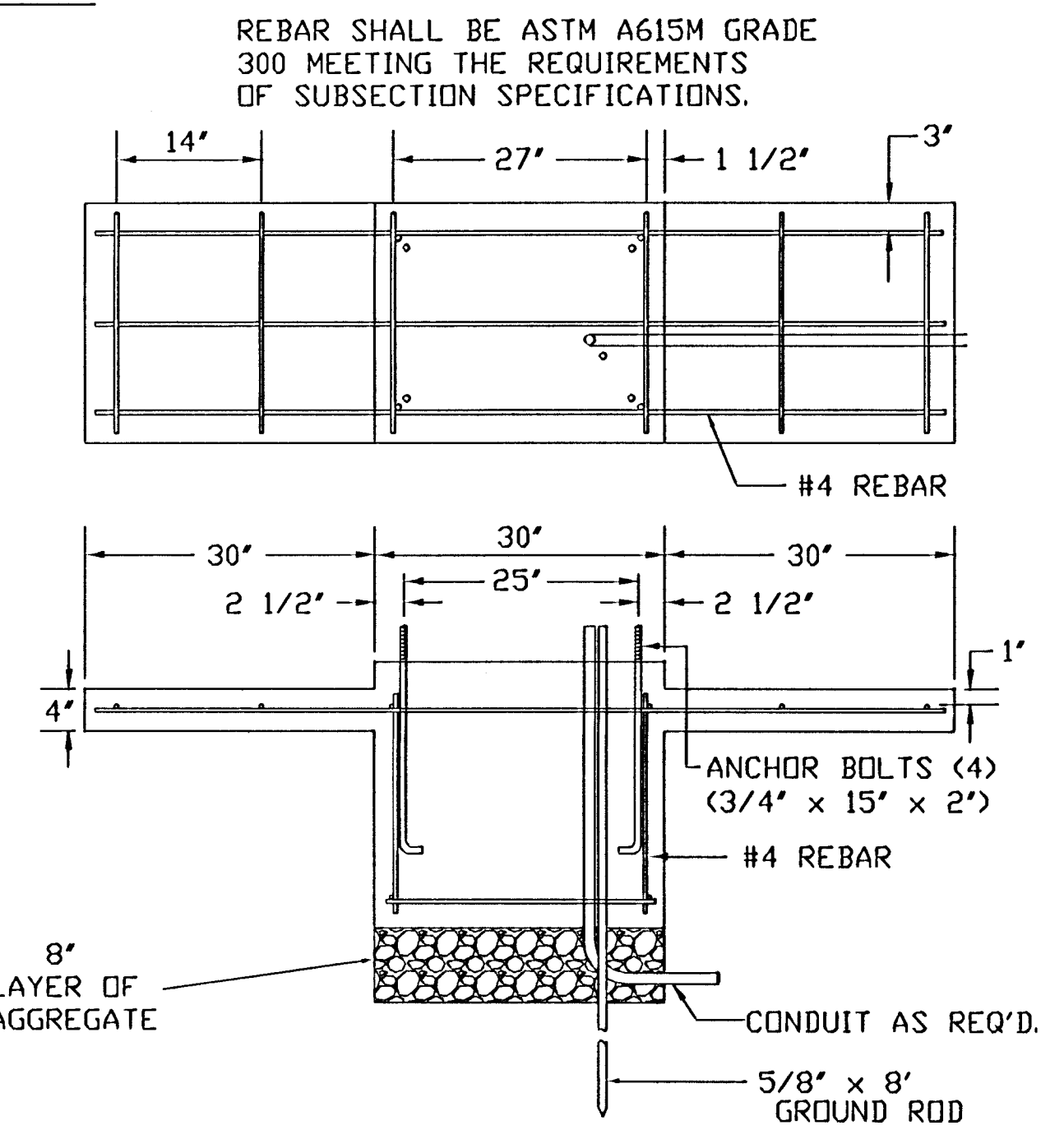
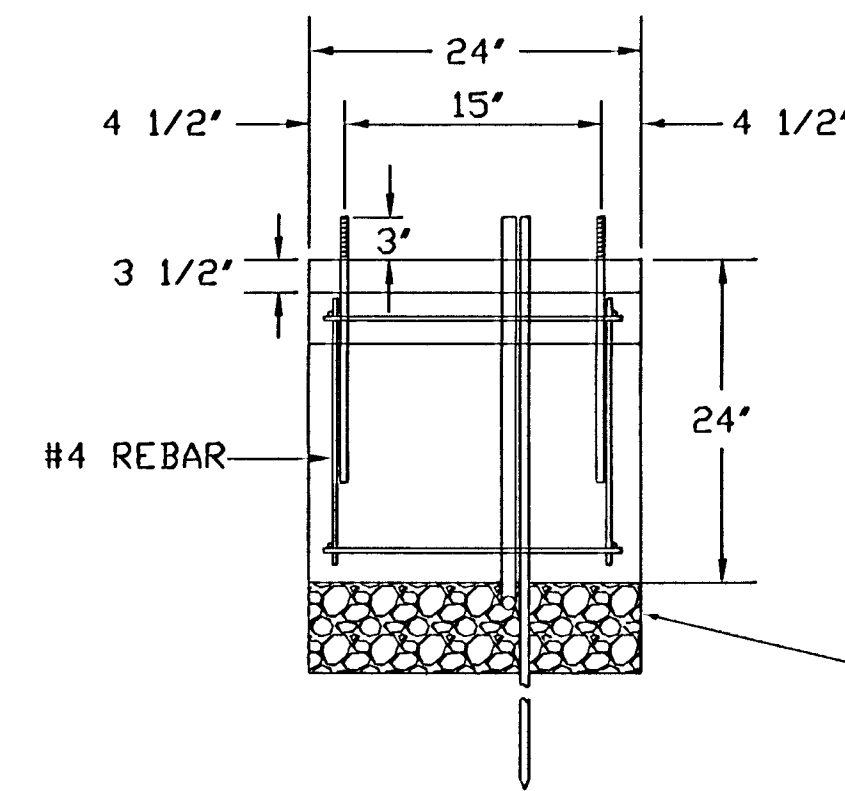
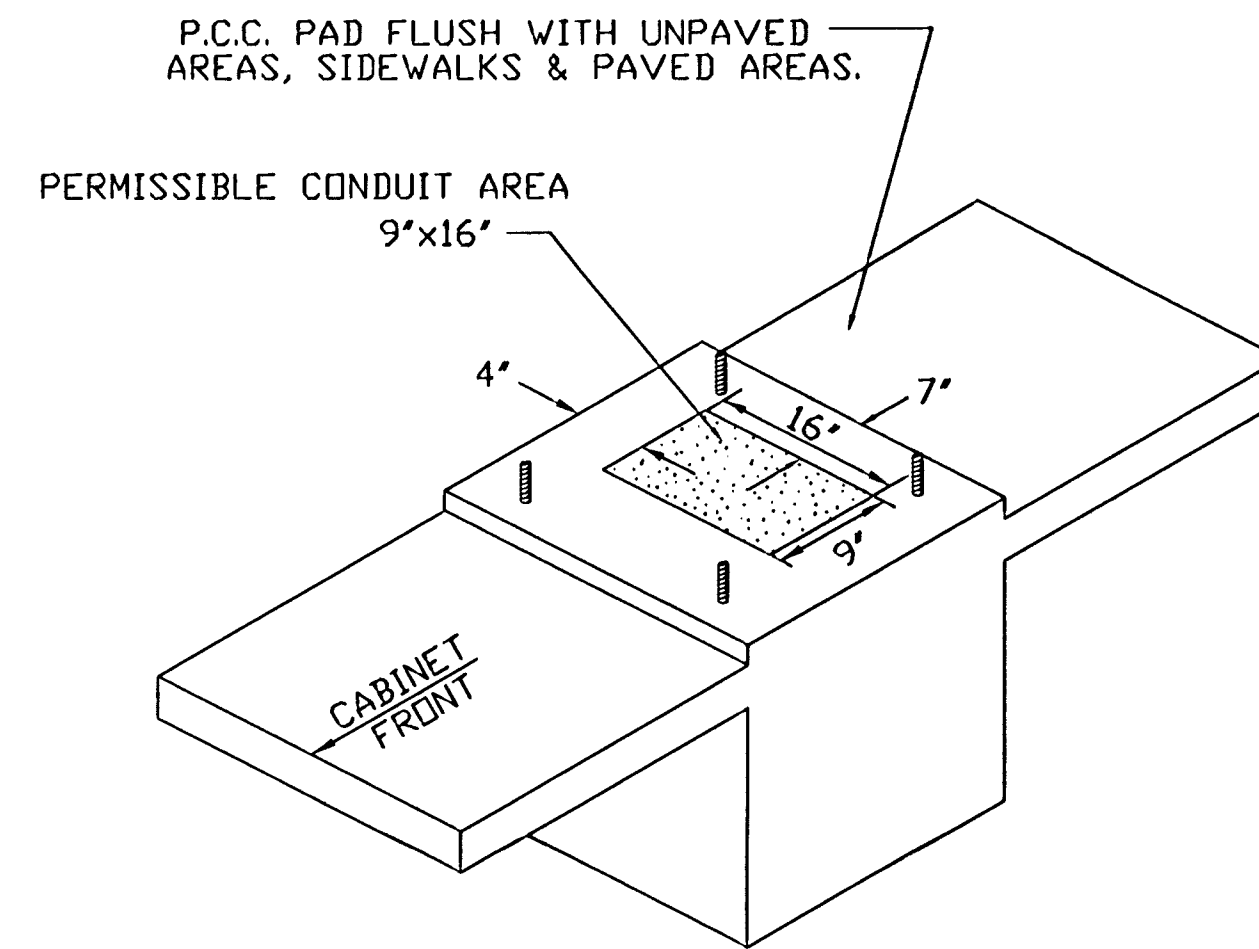
SECTION A-A



CONDUIT/DETECTOR WIRE INSTALLATION DETAILS

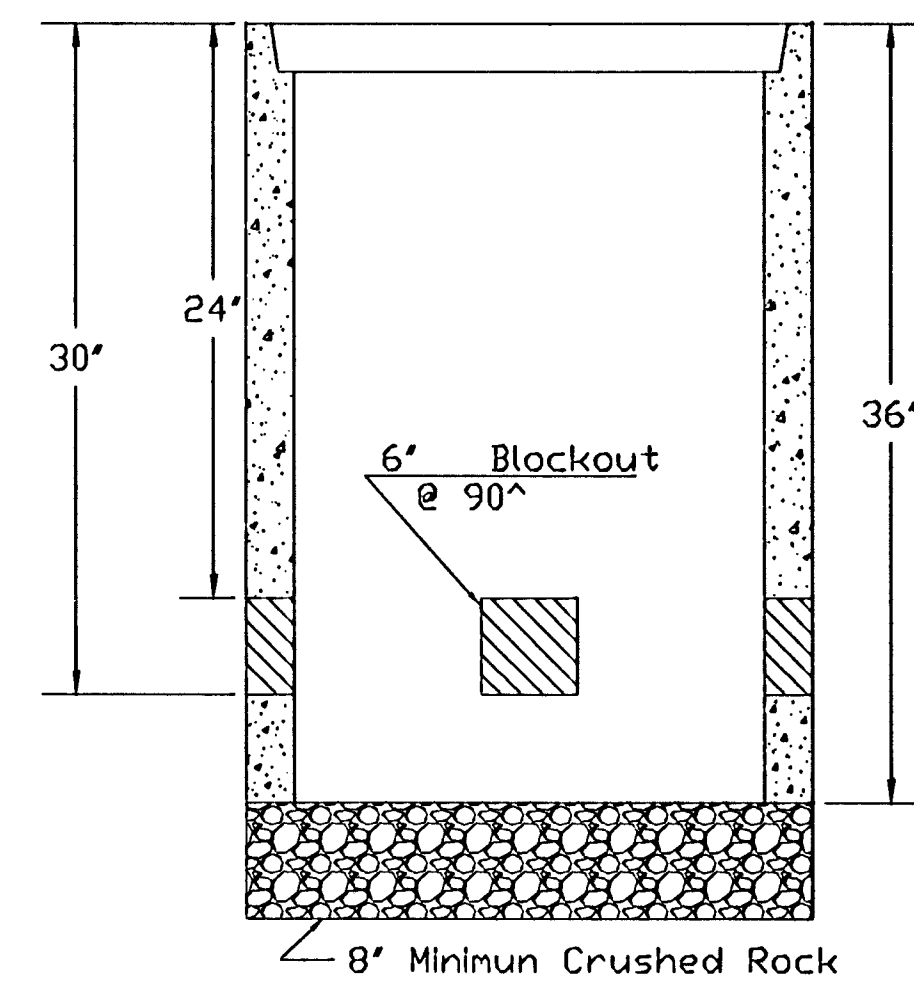


170 CONTROLLER PAD DETAILS

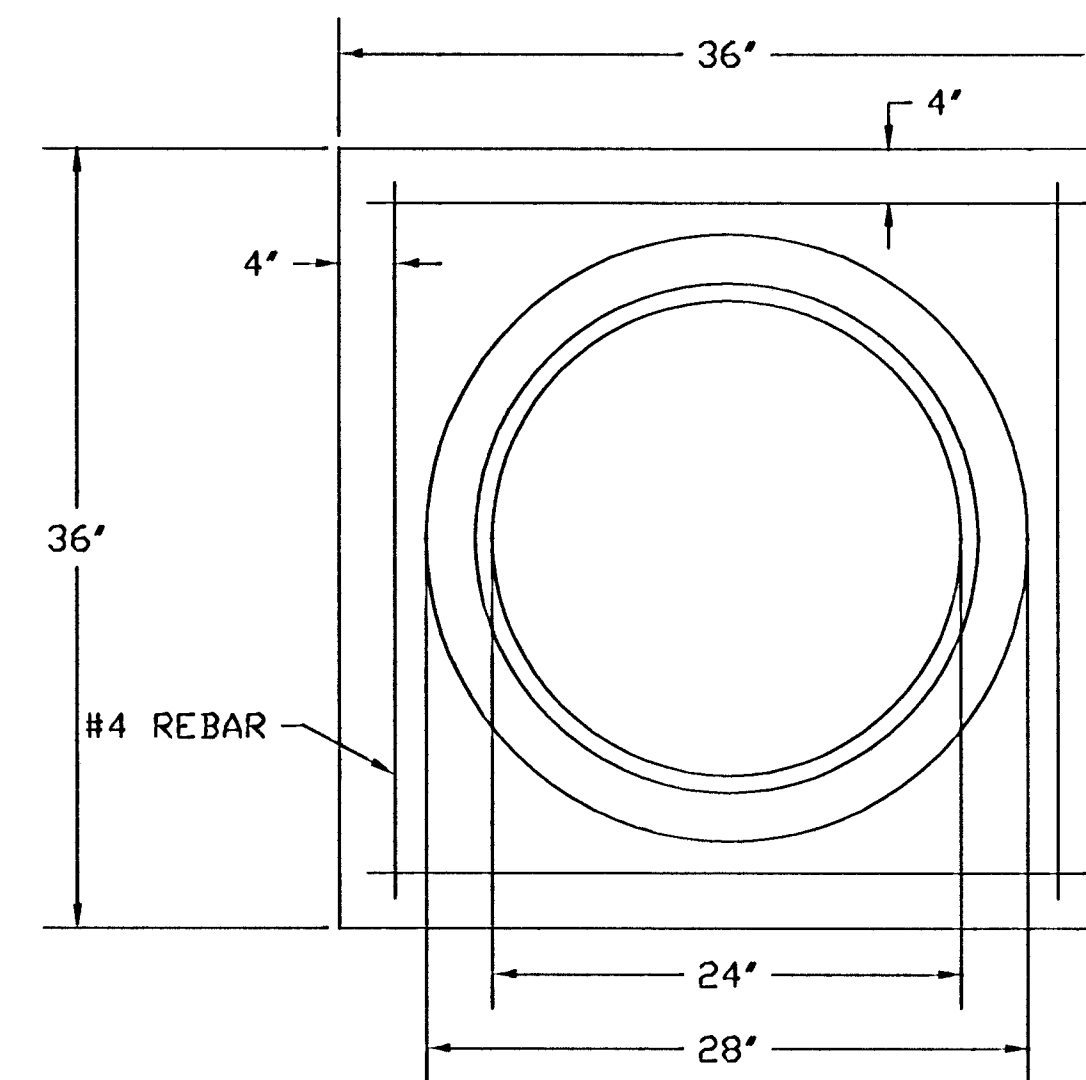


JUNCTION BOX DETAILS

PRE-FAB Junction Box
(24' I.D. X 36' R.C.P.)

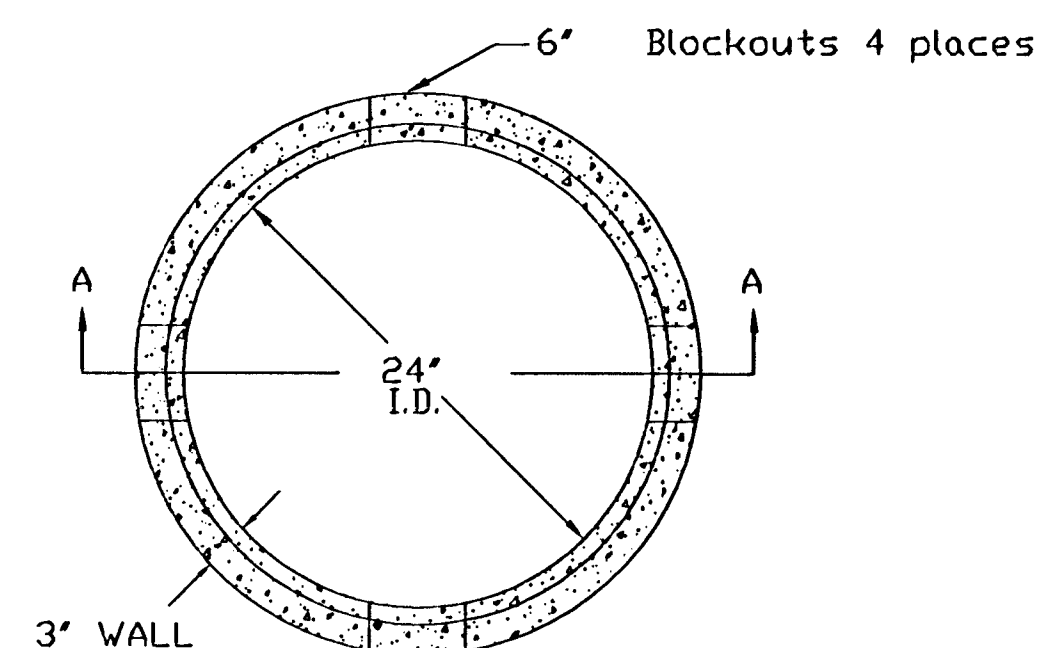


SECTION A-A



JUNCTION BOX CAP

36' x 36' x 6'
TOP OF CAP TO BE FLUSH WITH
GROUND LEVEL.



SEE SERVICE BOX INSTALLATION
FOR RING & COVER DETAILS.

[illegible]

NOTES:

SERVICE & JUNCTION BOX:

1. CONDUIT CONNECTION TO BE FLUSH TO WITHIN 125 mm OF INSIDE FACE OF SIDE WALL, CONDUIT TO DRAIN 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. ALL SERVICE & JUNCTION BOXES TO HAVE 200 mm OF CRUSHED ROCK.

TRENCHING:

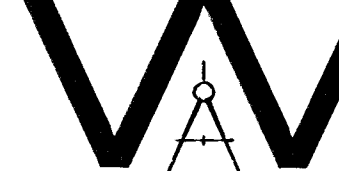
1. DEPTH TO BE 30" MINIMUM WITH ROCK & STUBBLE FREE BACKFILL TO SERVE AS BEDDING MATERIAL. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.
2. BACKFILL TO BE COMPACTED IN 6" LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 95% STANDARD DENSITY.

CONDUIT:

1. SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
2. 3" RIGID STEEL CONDUIT BTWN. SERVICE BOXES.
1 1/4" " " " BTWN. SERVICE & JUNCTION BOXES.
3/4" " " " BTWN. JUNCTION BOXES.
3/4" " " " BTWN. JUNCTION BOX & DETECTOR
LOOP SAW CUT

SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS

THE CITY OF WICHITA



CITY ENGINEER'S OFFICE
CITY HALL - SEVENTH FLOOR
408 NORTH MAIN STREET
WICHITA, KANSAS 67202
(316) 268-4501
(316) 268-4114 FAX

NEWMARKET SQUARE ENTRANCE AND MAIZE ROAD		
SERVICE/JUNCTION BOX, CONTROLLER PAD		
CONSTRUCTION/INSTALLATION DETAILS		
PROJECT NUMBER		
472-84278		
BY: T.M.	SCALE	REVISED BY:
NOV 97	NO SCALE	DATE:
CITY OF WICHITA		
DEPARTMENT OF PUBLIC WORKS		
DESIGN OF TRAFFIC ENGINEERING G. McKINNEY, P.E.		TRAFFIC ENGINEER
		SHEET 7 OF 10