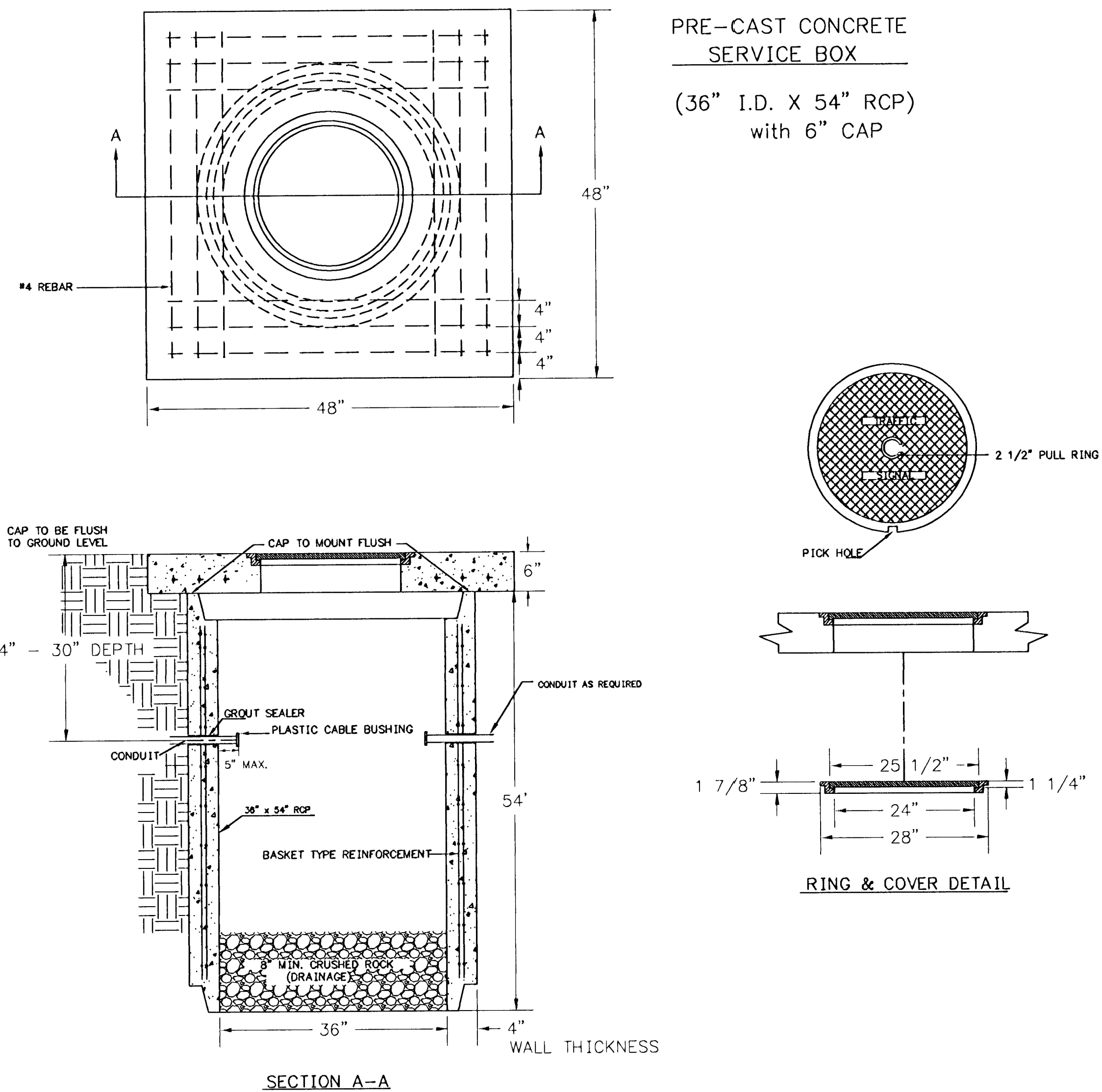
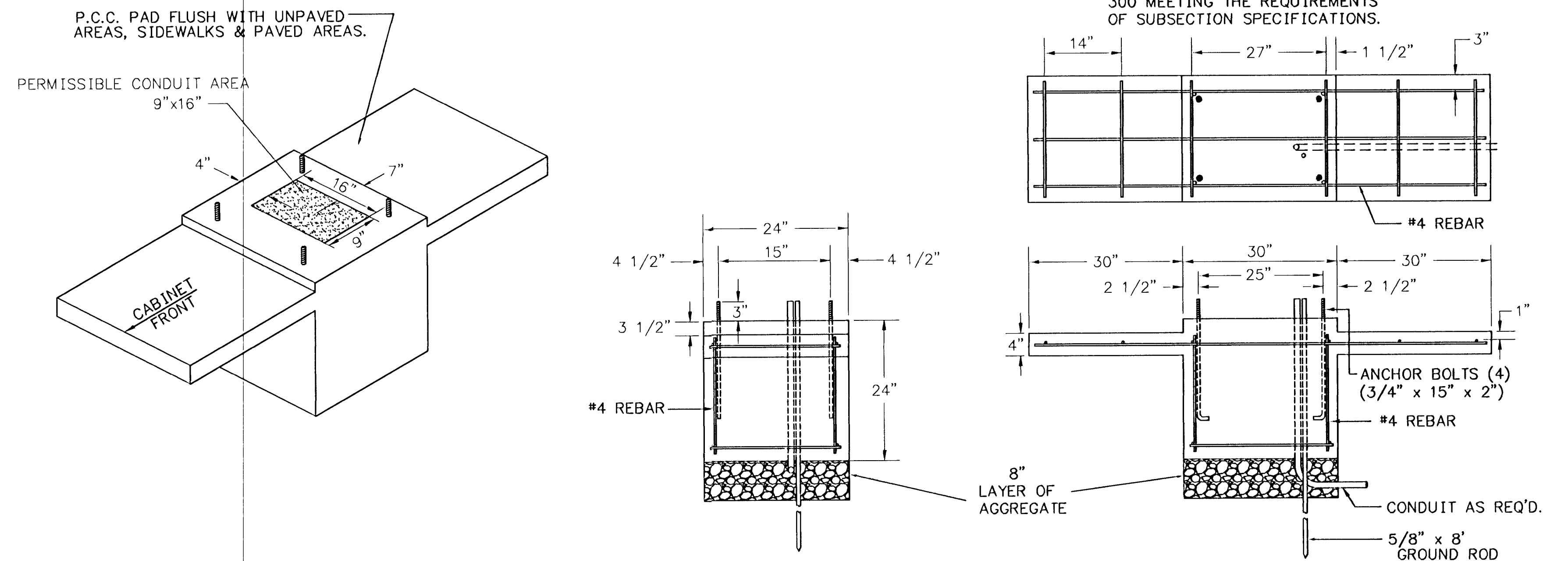


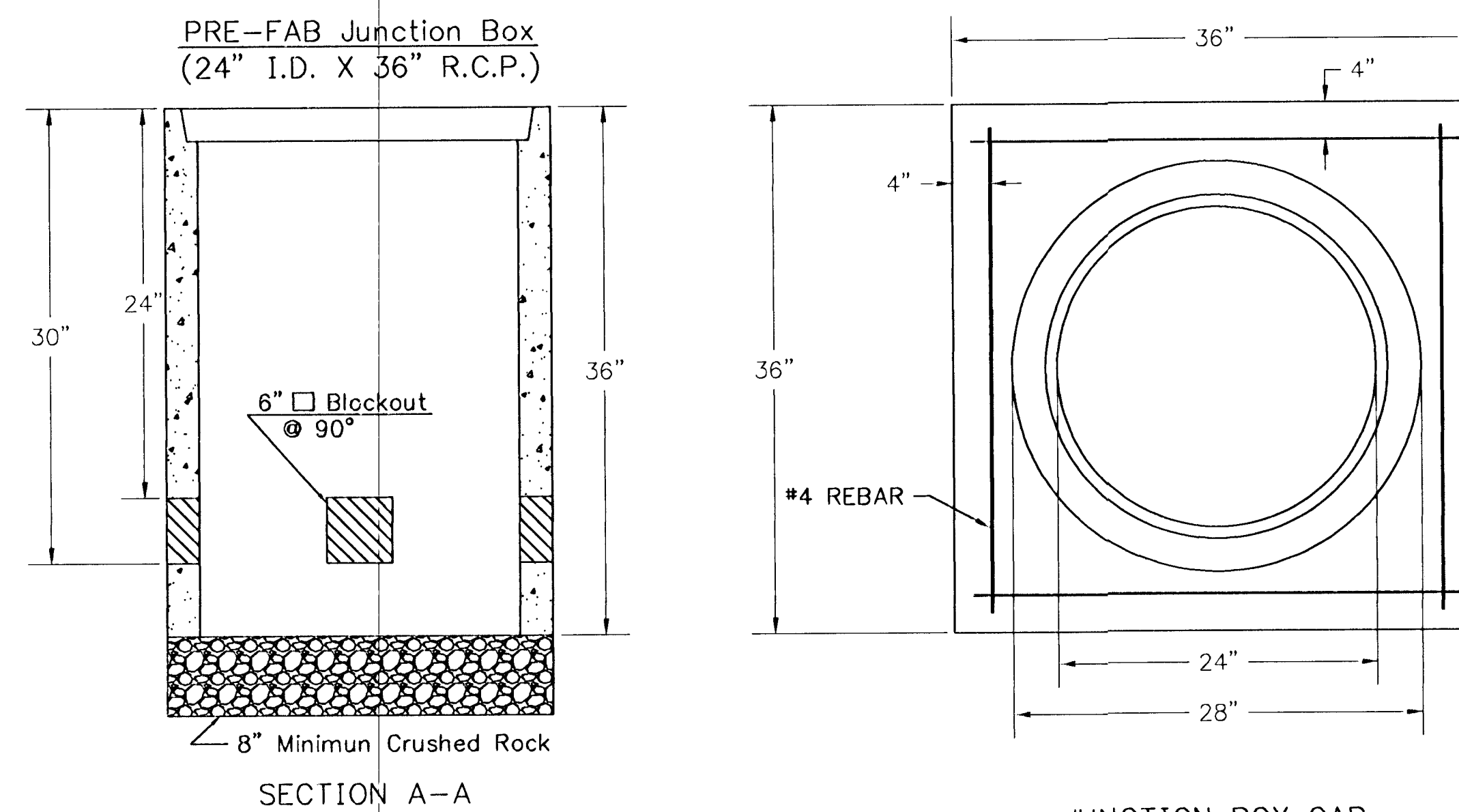
SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



170 CONTROLLER PAD DETAILS



JUNCTION BOX DETAILS



NOTES:

SERVICE & JUNCTION BOX:

- CONDUIT CONNECTION TO BE FLUSH TO WITHIN 5" OF INSIDE FACE OF SIDE WALL, CONDUIT TO DRAIN INTO SERVICE BOX.
- CONDUIT CONNECTIONS TO SERVICE BOX SHALL BE TERMINATED WITH PLASTIC CABLE BUSHING.
- CONDUIT SHALL BE SEALED WITH APPROVED SEALER AT INSIDE WALL FACE.
- ALL SERVICE & JUNCTION BOXES TO HAVE 8" OF CRUSHED ROCK.

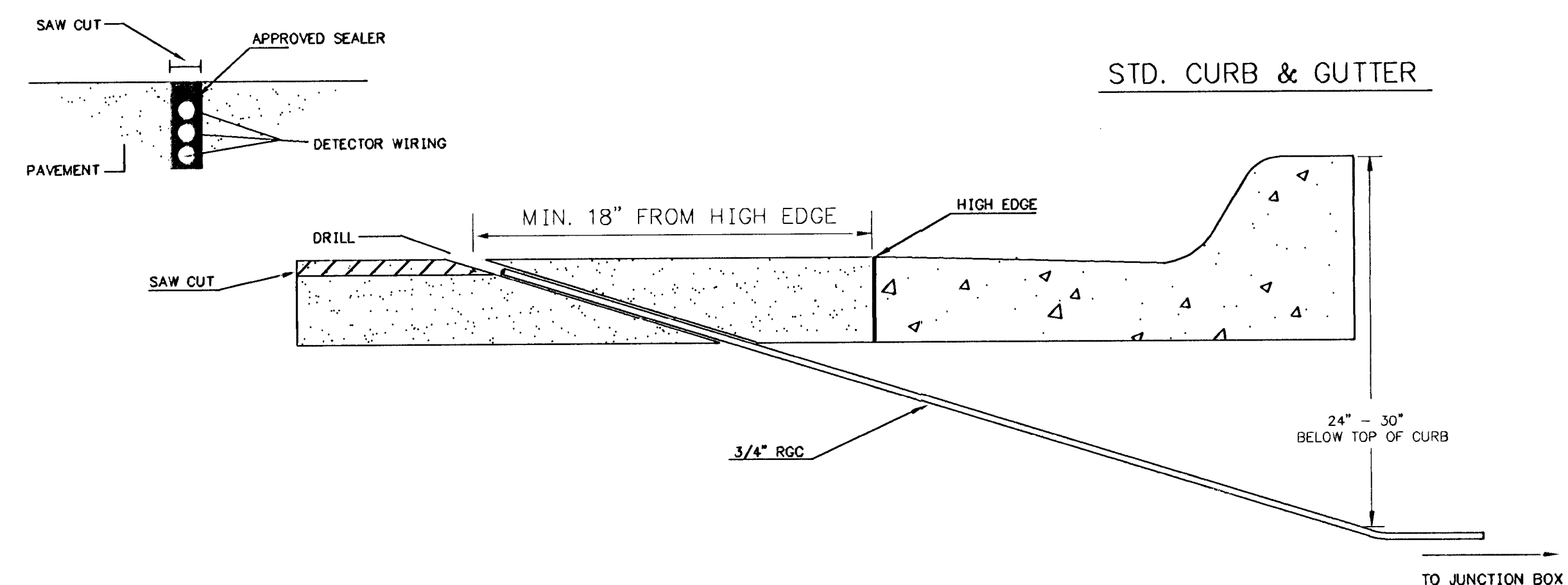
TRENCHING:

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

CONDUIT:

- SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
- 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

CONDUIT/DETECTOR WIRE INSTALLATION DETAILS



**SEE SERVICE BOX INSTALLATION FOR RING & COVER DETAILS.

REV. DATE	COMMENTS	INT

PROJECT DESCRIPTION		
SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS		
PROJECT NUMBER		
DRAWN BY: T.M.	APPROVED BY:	REVISED:
DATE: Apr. 96		DATE:
CITY OF WICHITA		
DEPARTMENT OF PUBLIC WORKS		
TRAFFIC ENGINEERING DIVISION	SCALE	
WM. G. MCKINLEY P.E.	TRAFFIC ENGINEER	NO SCALE