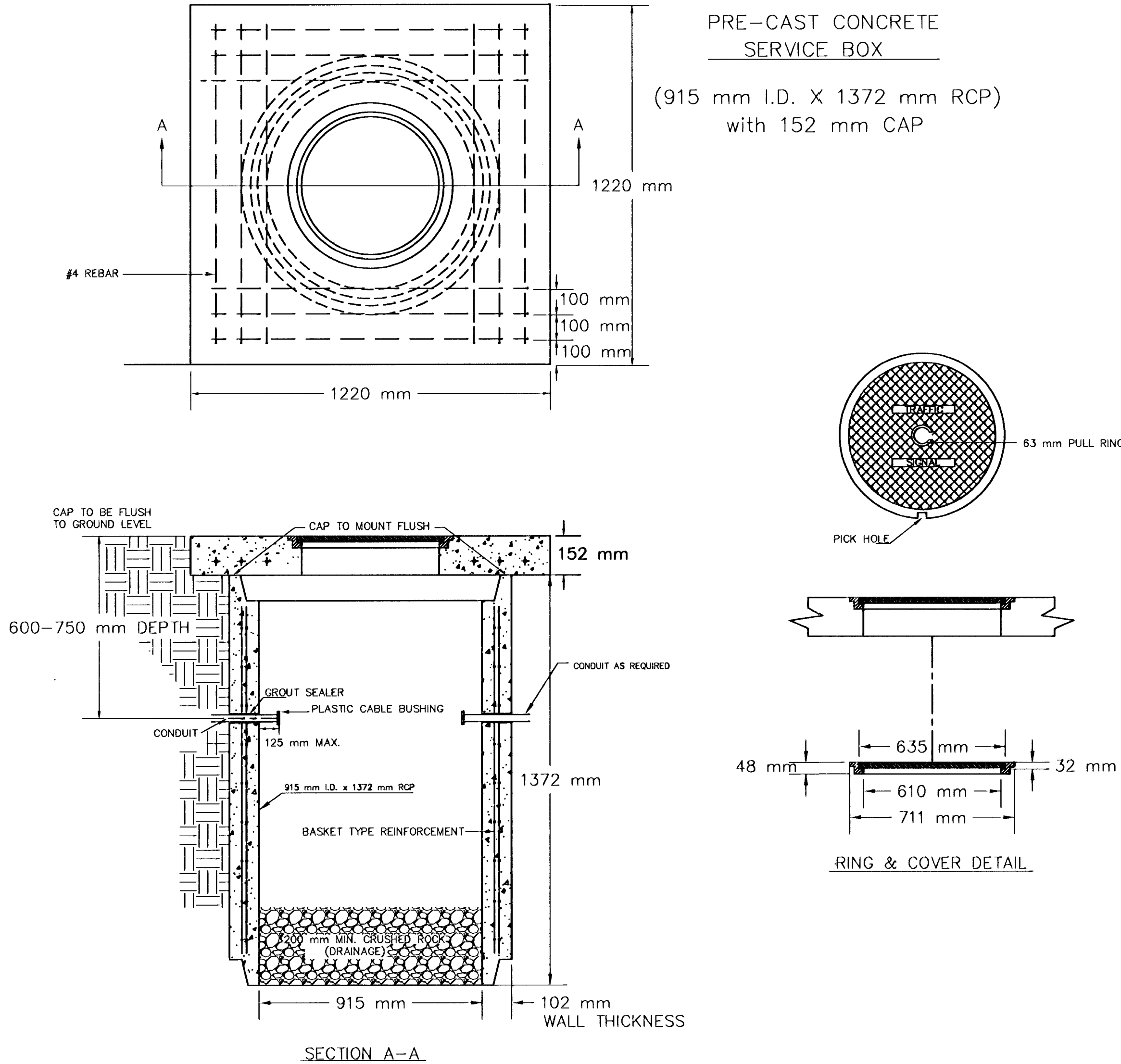
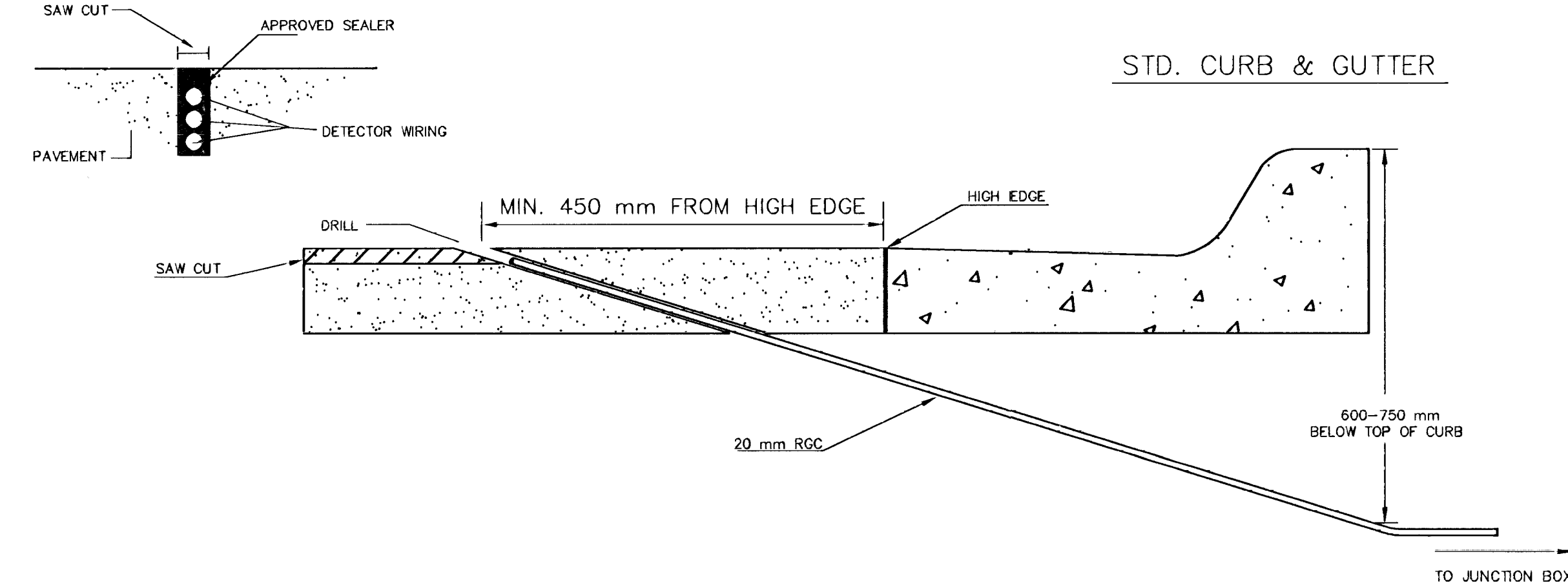


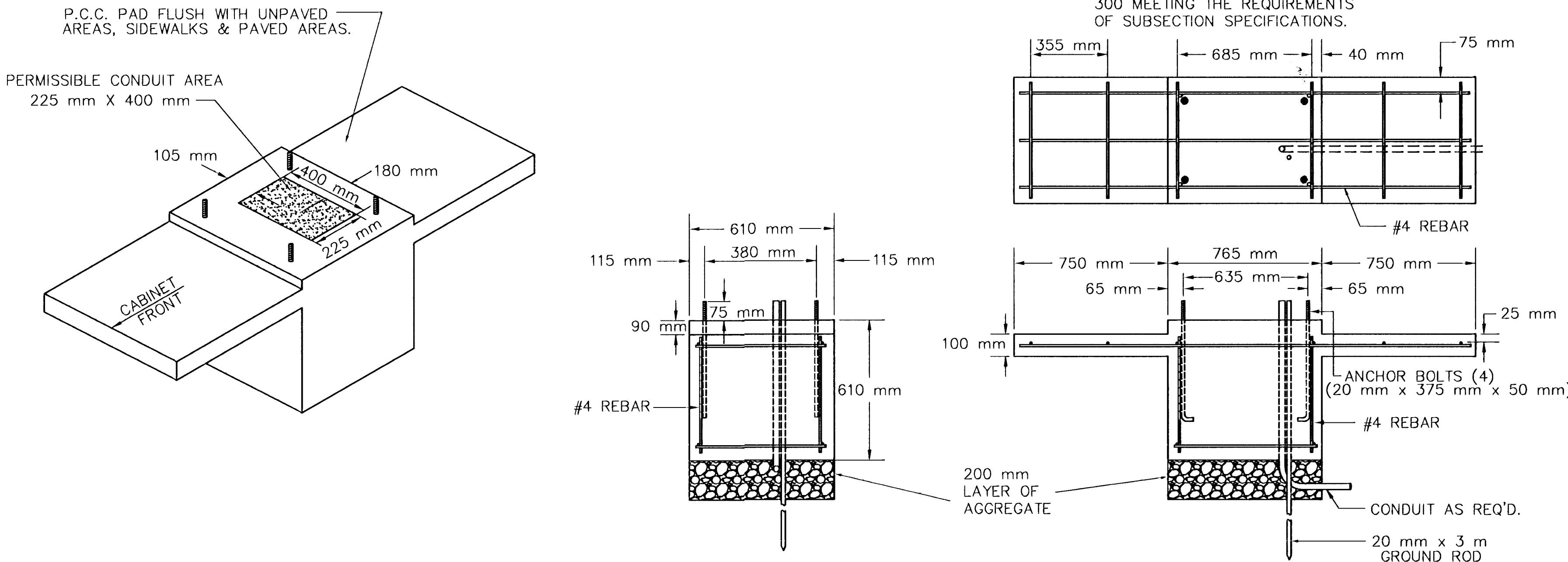
SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



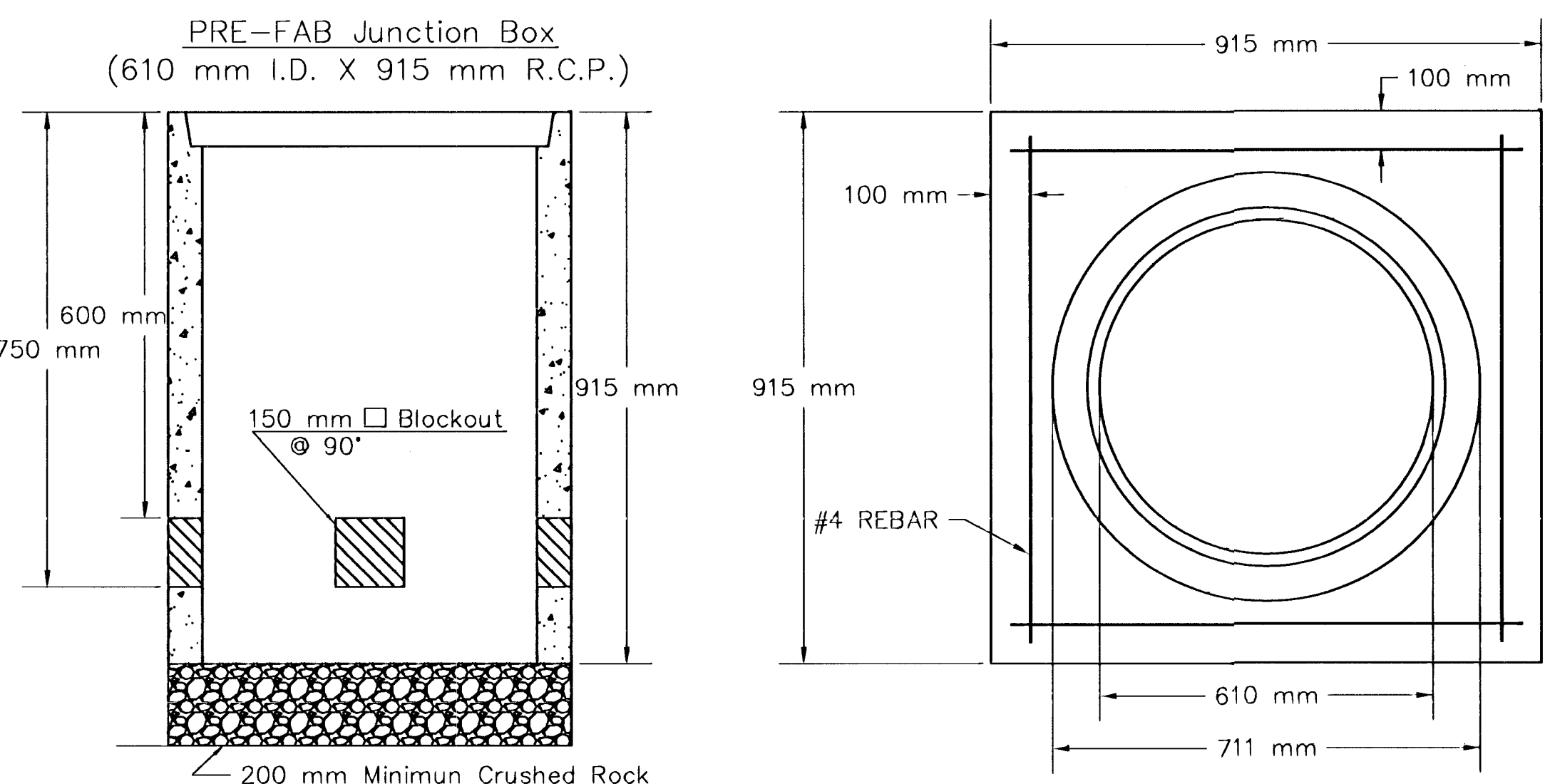
CONDUIT/DETECTOR WIRE INSTALLATION DETAILS



170 CONTROLLER PAD DETAILS



JUNCTION BOX DETAILS



JUNCTION BOX CAP
915 mm x 915 mm x 152 mm
TOP OF CAP TO BE FLUSH WITH GROUND LEVEL.

NOTES:

- SERVICE & JUNCTION BOX:
- CONDUIT CONNECTION TO BE FLUSH TO WITHIN 125 mm 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 200 mm OF CRUSHED ROCK.
- TRENCHING:
- DEPTH TO BE 750 mm MINIMUM WITH ROCK & STUBBLE FREE BACKFILL TO SERVE AS BEDDING MATERIAL. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.
 - BACKFILL TO BE COMPACTED IN 150 mm LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 95% STANDARD DENSITY.
- CONDUIT:
- SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
 - 75 mm RIGID STEEL CONDUIT BTWN. SERVICE BOXES.
30 mm " " BTWN. SERVICE & JUNCTION BOXES.
20 mm " " BTWN. JUNCTION BOXES.
20 mm " " BTWN. JUNCTION BOX & DETECTOR LOOP SAW CUT

**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:	
DATE: Feb. 96	DATE:	
CITY OF WICHITA		
DEPARTMENT OF PUBLIC WORKS		
TRAFFIC ENGINEERING DIVISION		SCALE
WM. G. MCKINLEY TRAFFIC ENGINEER		NO SCALE