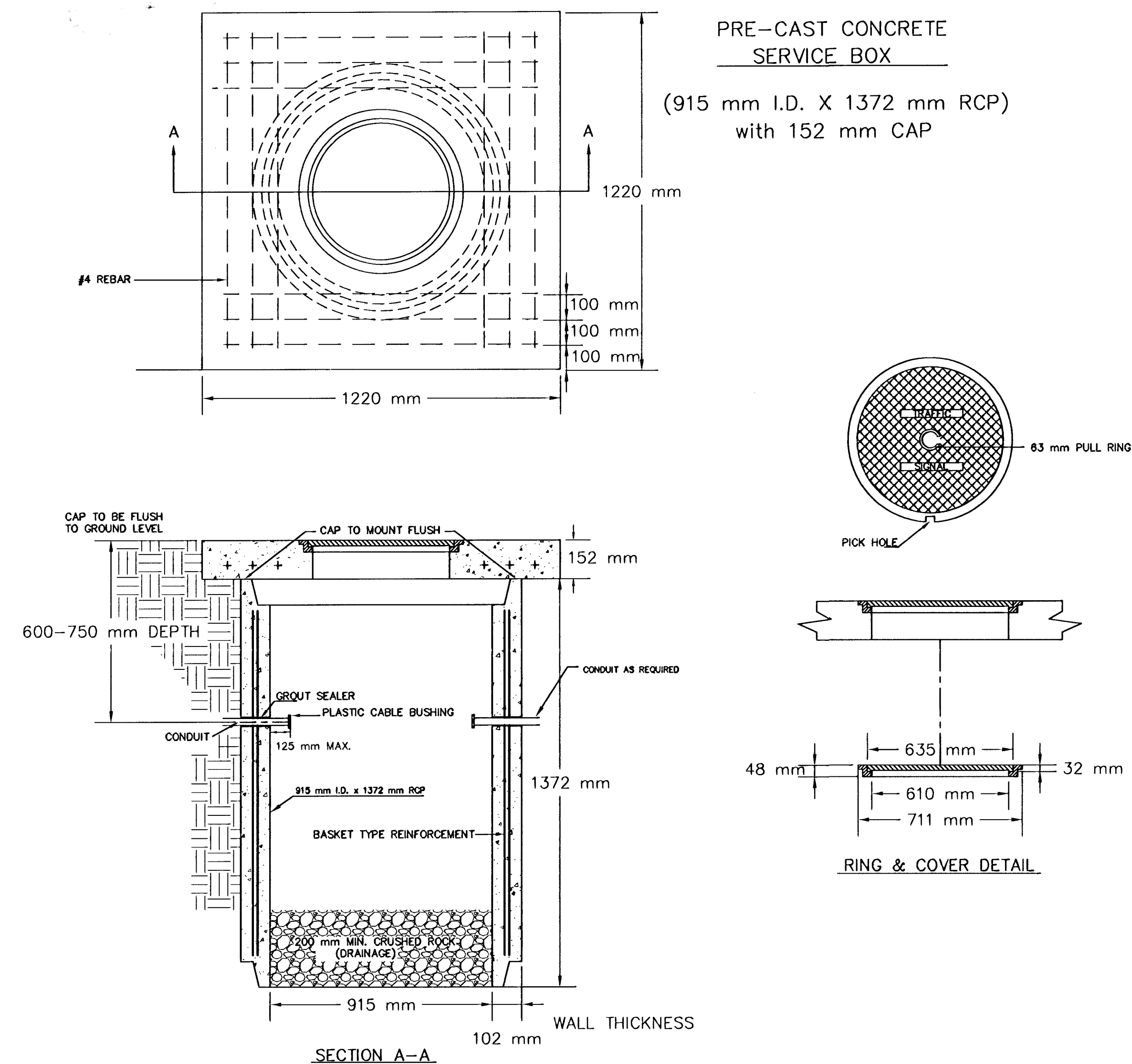
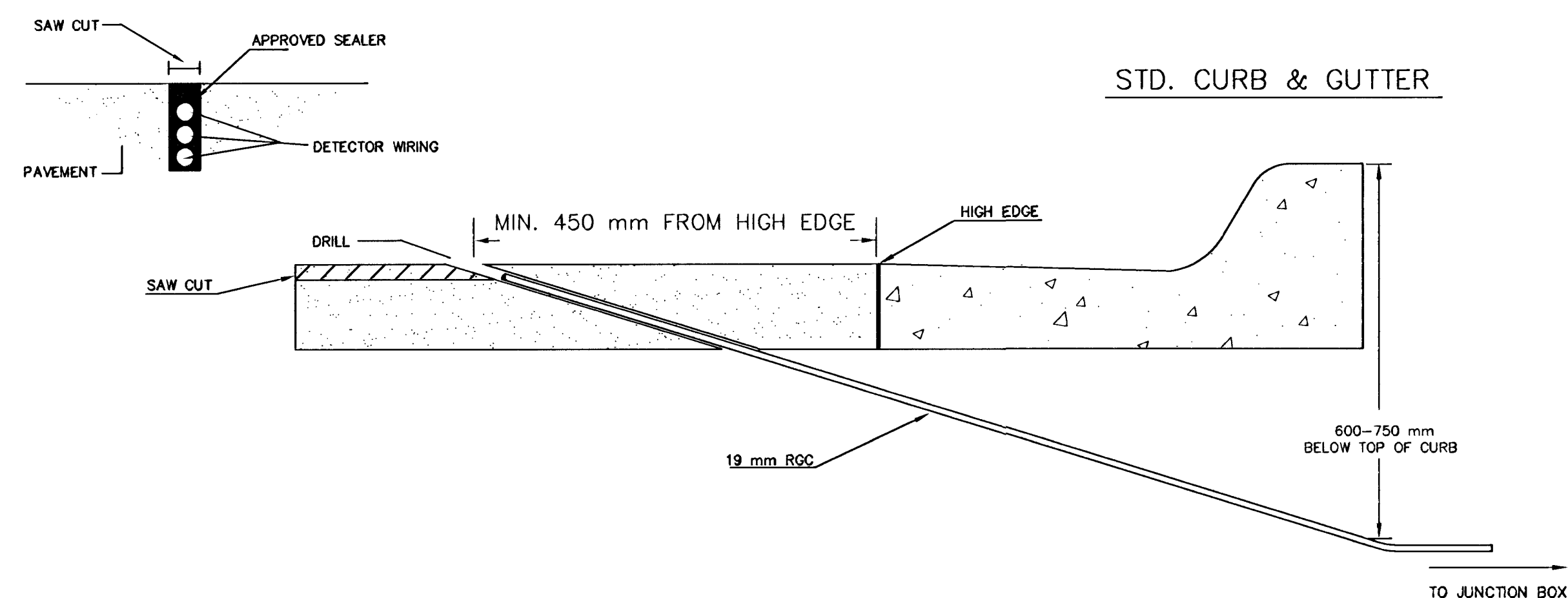


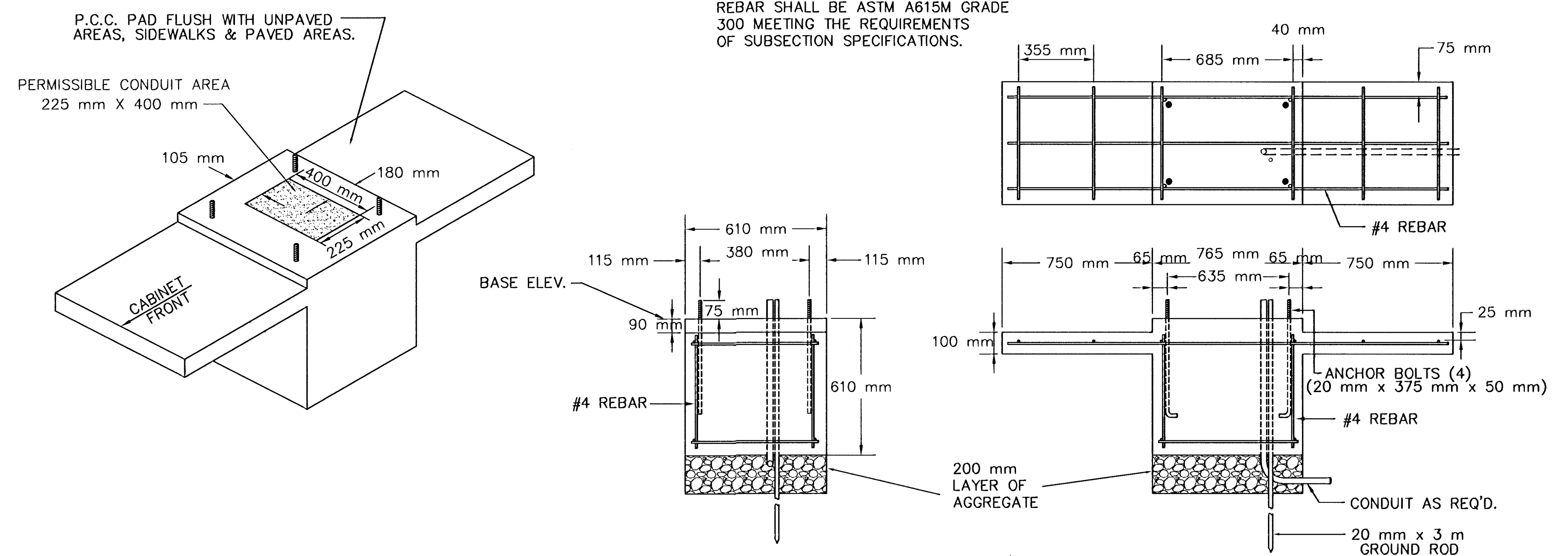
SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



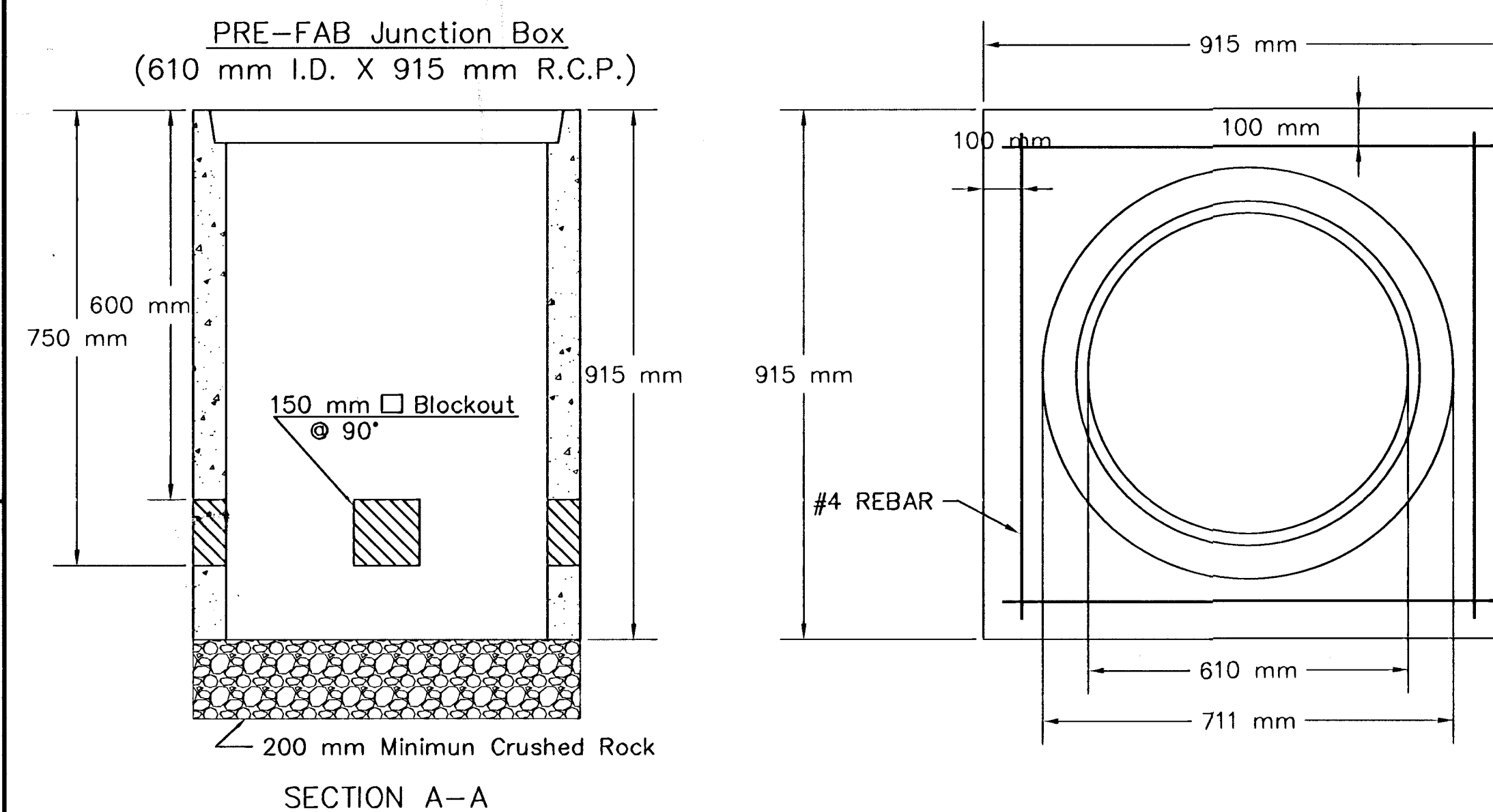
CONDUIT/DETECTOR WIRE INSTALLATION DETAILS



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:

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 750 mm MINIMUM WITH ROCK & STUBBLE FREE BACKFILL TO SERVE AS BEDDING MATERIAL. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.
2. BACKFILL TO BE COMPACTED IN 150 mm LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 95% STANDARD DENSITY.

CONDUIT:

1. SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
2. 75 mm RIGID STEEL CONDUIT BTWN. SERVICE BOXES.
 32 mm " " " BTWN. SERVICE & JUNCTION BOXES.
 19 mm " " " BTWN. JUNCTION BOXES.
 19 mm " " " BTWN. JUNCTION BOX & DETECTOR
 LOOP SAW CUT

FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0189-01	2001	63	105

[illegible]

PROJECT DESCRIPTION			
SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS			
PROJECT NUMBER			
472-83138 (706814)			
DRAWN BY: T.M.		APPROVED BY	
DATE: Feb. 98		REVISED:	
		DATE:	
CITY OF WICHITA			
DEPARTMENT OF PUBLIC WORKS			
TRAFFIC ENGINEERING DIVISION		SCALE	
Paul Gunzelman TRAFFIC ENGINEER		NO SCALE	