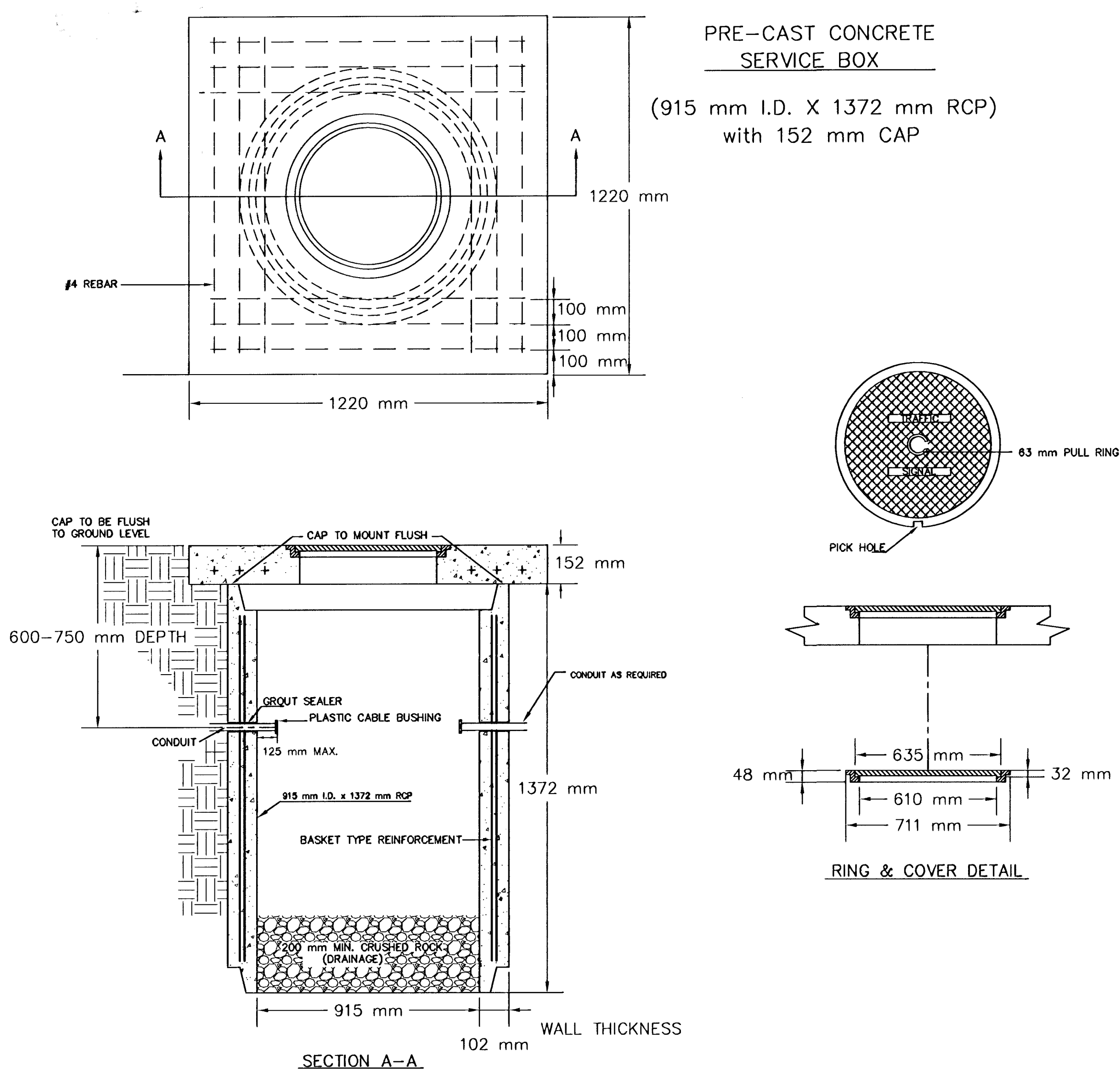
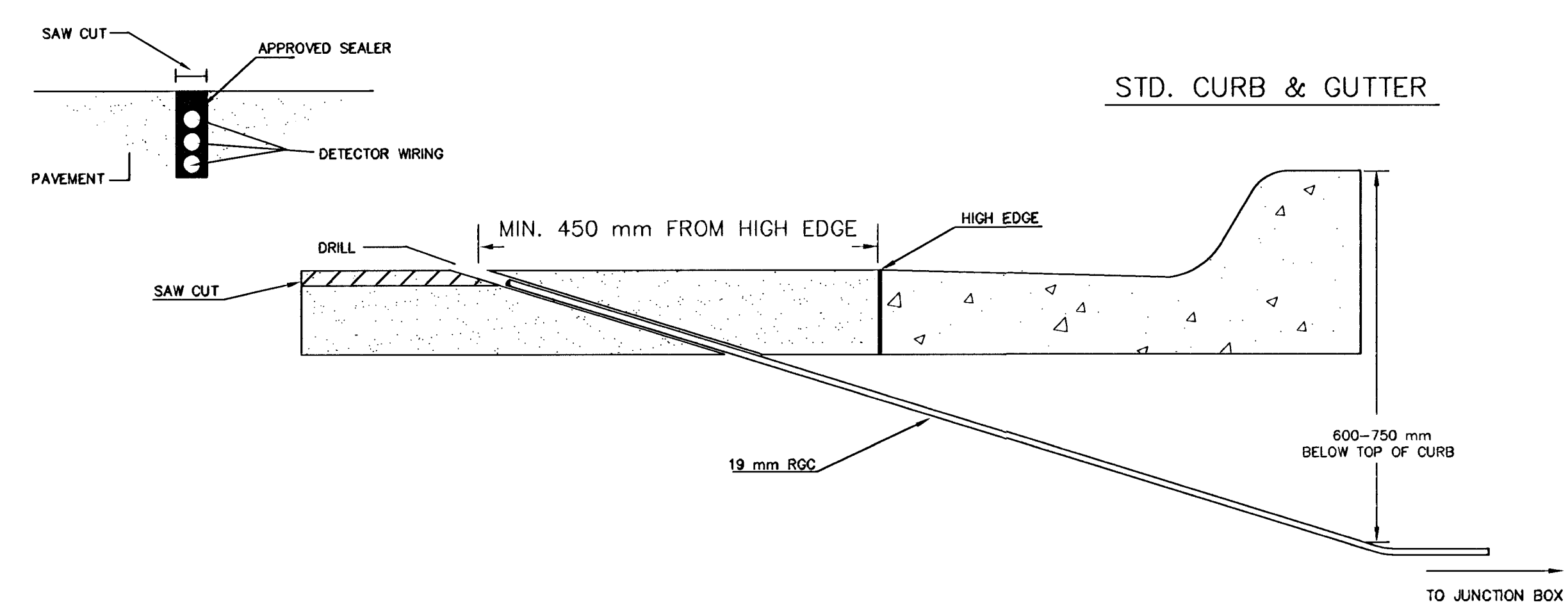


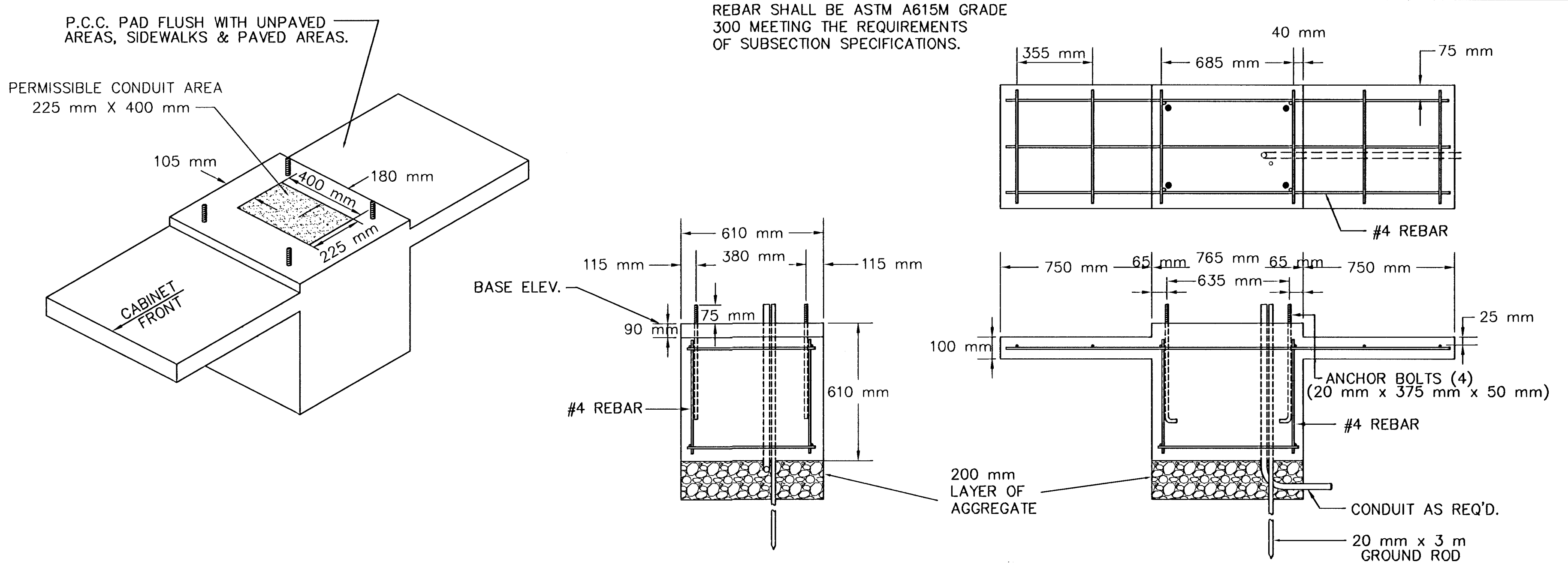
SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



CONDUIT/DETECTOR WIRE INSTALLATION DETAILS

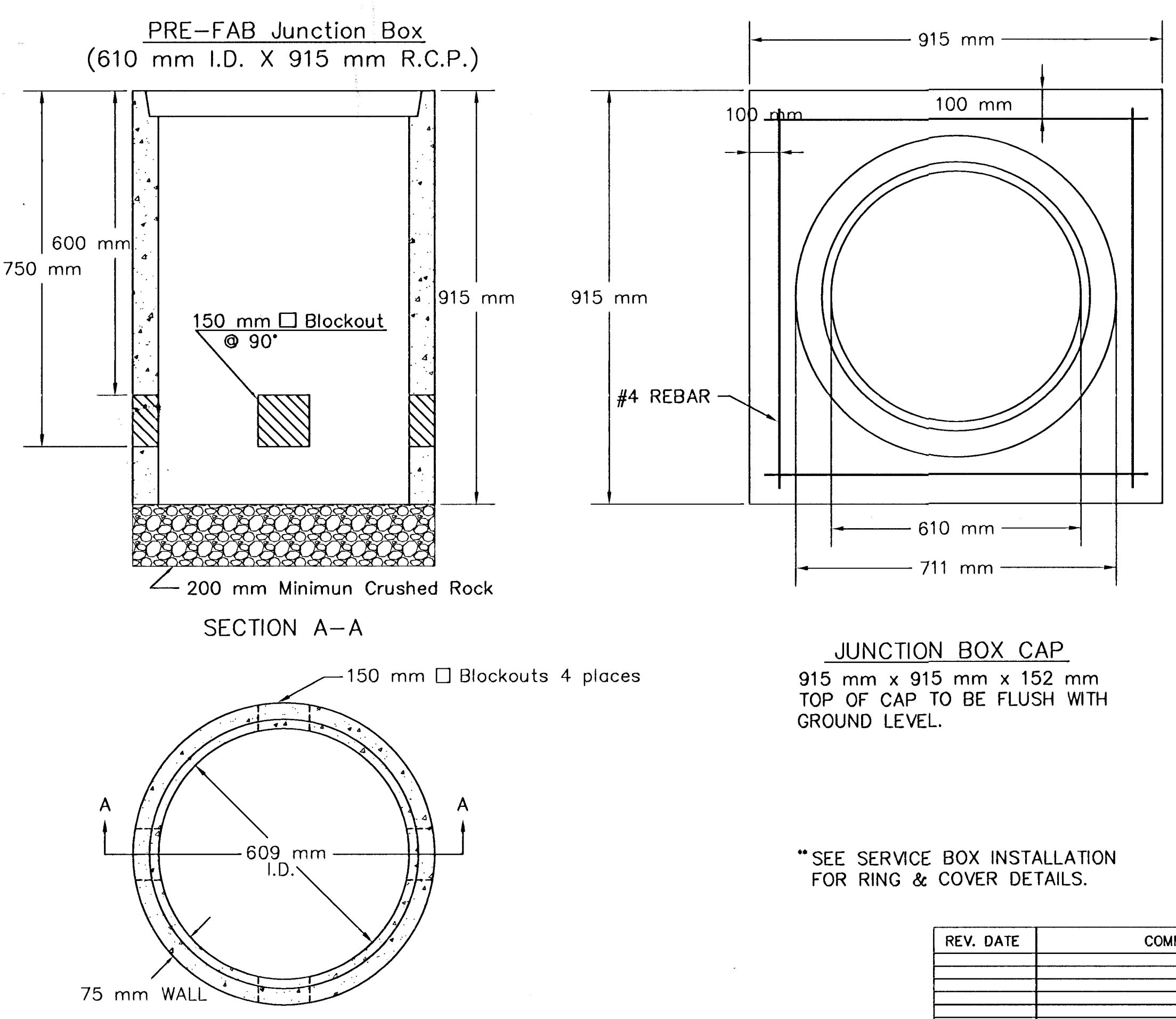


170 CONTROLLER PAD DETAILS



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

JUNCTION BOX DETAILS



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.
32 mm " " " BTWN. SERVICE & JUNCTION BOXES.
19 mm " " " BTWN. JUNCTION BOXES.
19 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 472-83138 (706814)		
DRAWN BY: T.M.	APPROVED BY:	REVISED:
DATE: Feb. 96	DATE:	DATE:
CITY OF WICHITA		
DEPARTMENT OF PUBLIC WORKS		
TRAFFIC ENGINEERING DIVISION Paul Gunzelman TRAFFIC ENGINEER		SCALE NO SCALE