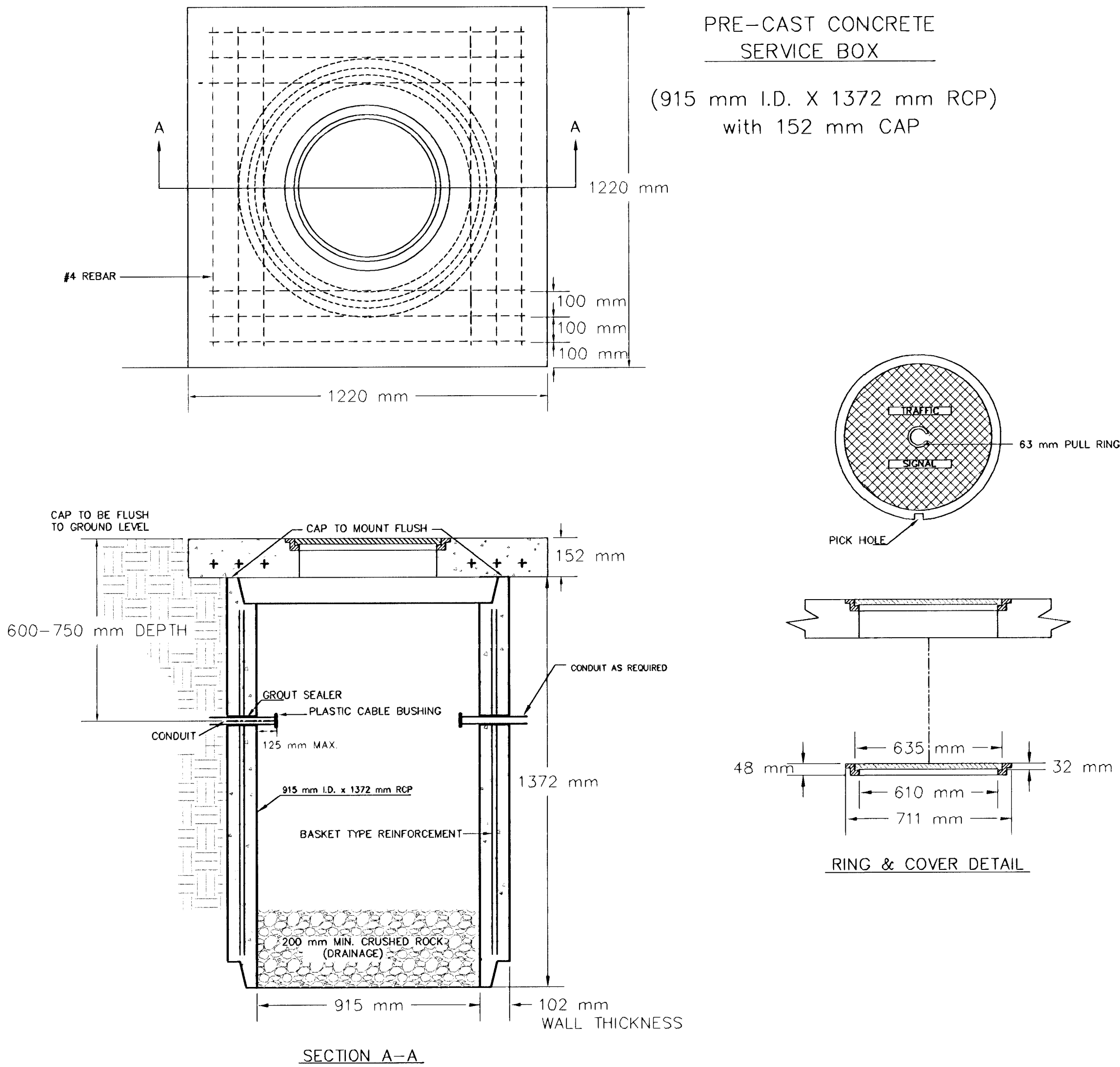
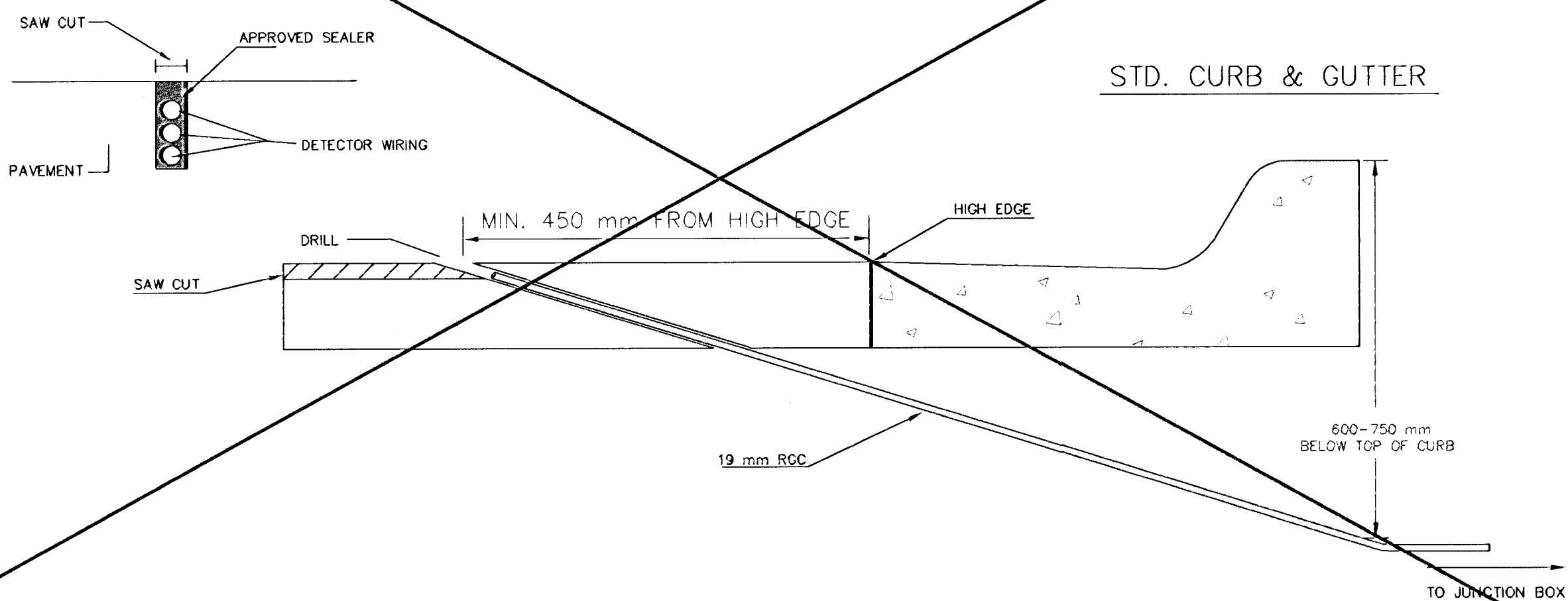


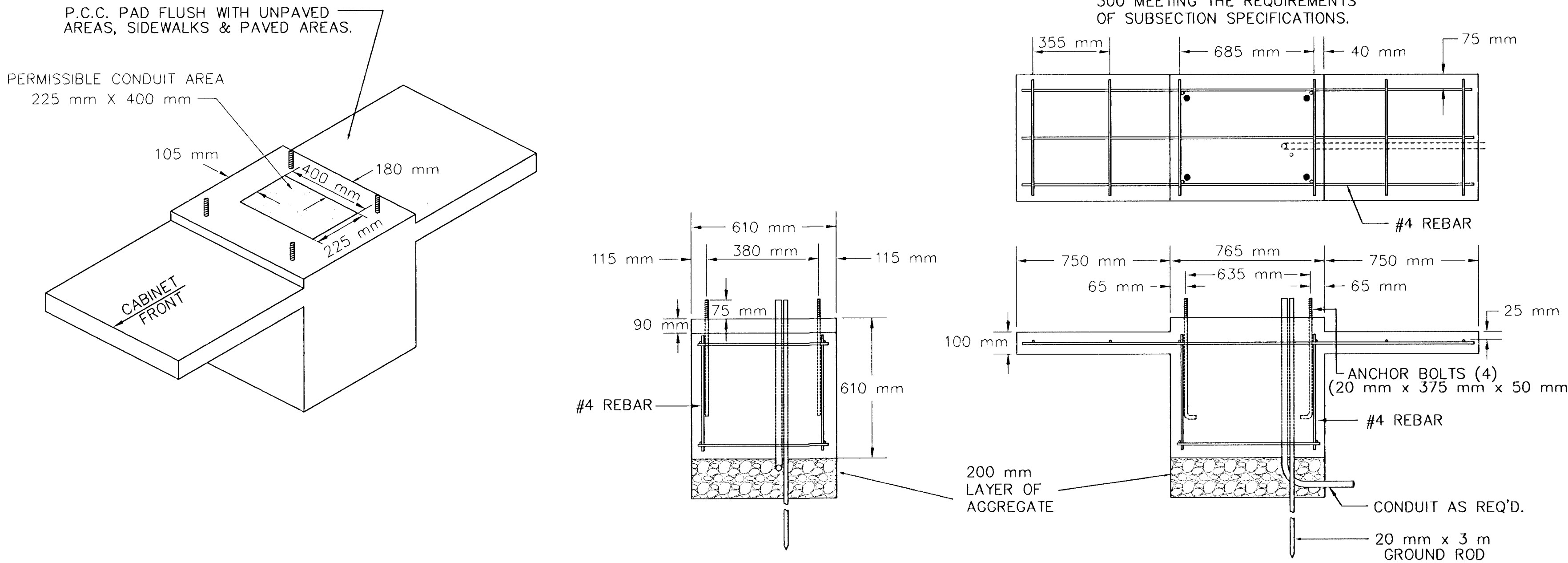
SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



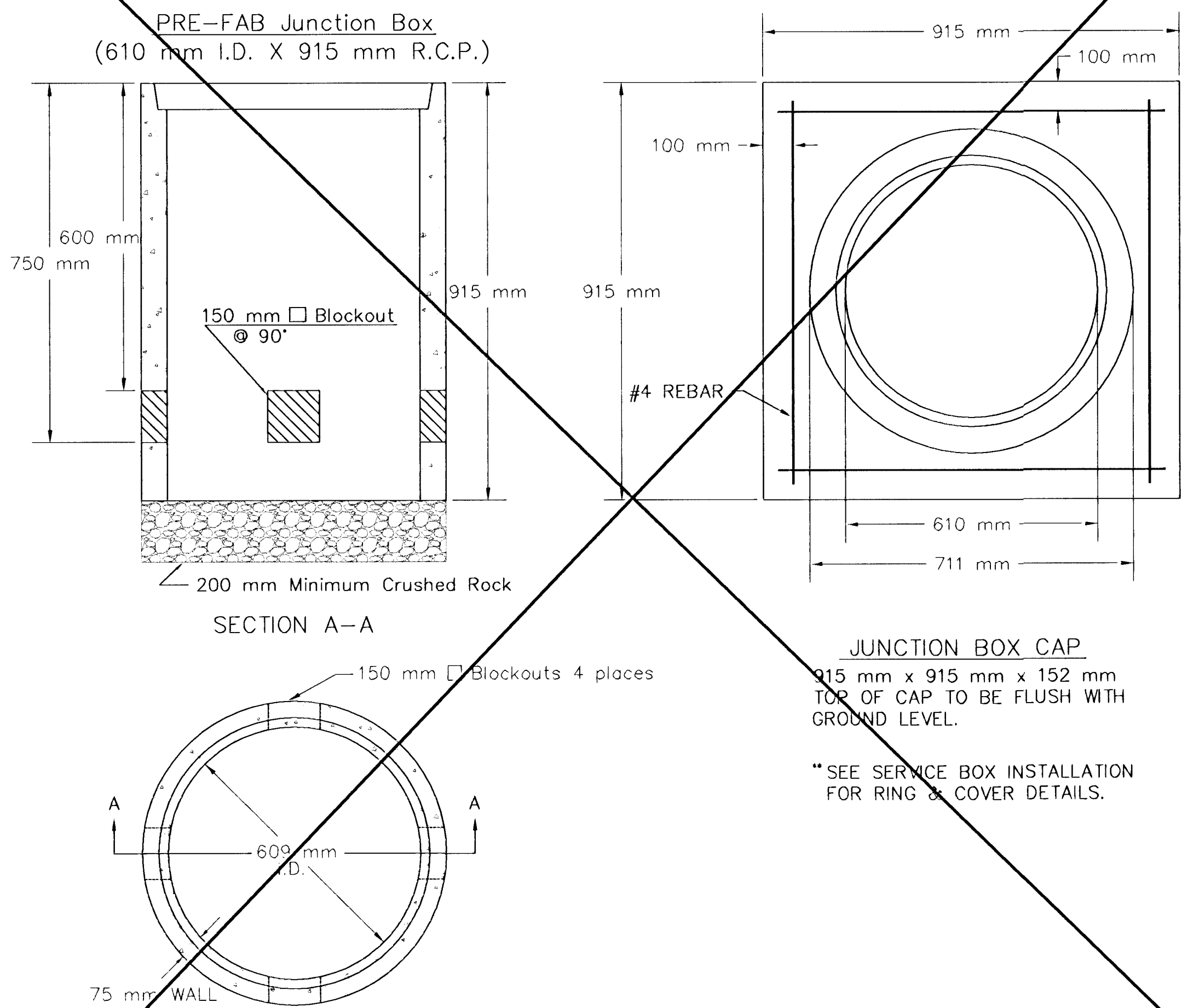
CONDUIT/DETECTOR WIRE INSTALLATION DETAILS



170 CONTROLLER PAD DETAILS



JUNCTION BOX DETAILS



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

REV. DATE	COMMENTS	INT

PROJECT NUMBER 472-83799			SHEET NAME SBI-M		ENGINEERING DIRECTORY F&M/Lin/McLn/Traffic	
DESIGN Staff	DRAWN Staff	APPROVED Staff	DATE July 2003	SCALE None	BAUGHMAN NO 01-03-E944	

CAPITAL IMPROVEMENT PROJECT
**SERVICE BOX AND CONTROLLER PAD
DETAILS**
LINCOLN AND MCLEAN INTERSECTION IMPROVEMENTS

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
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