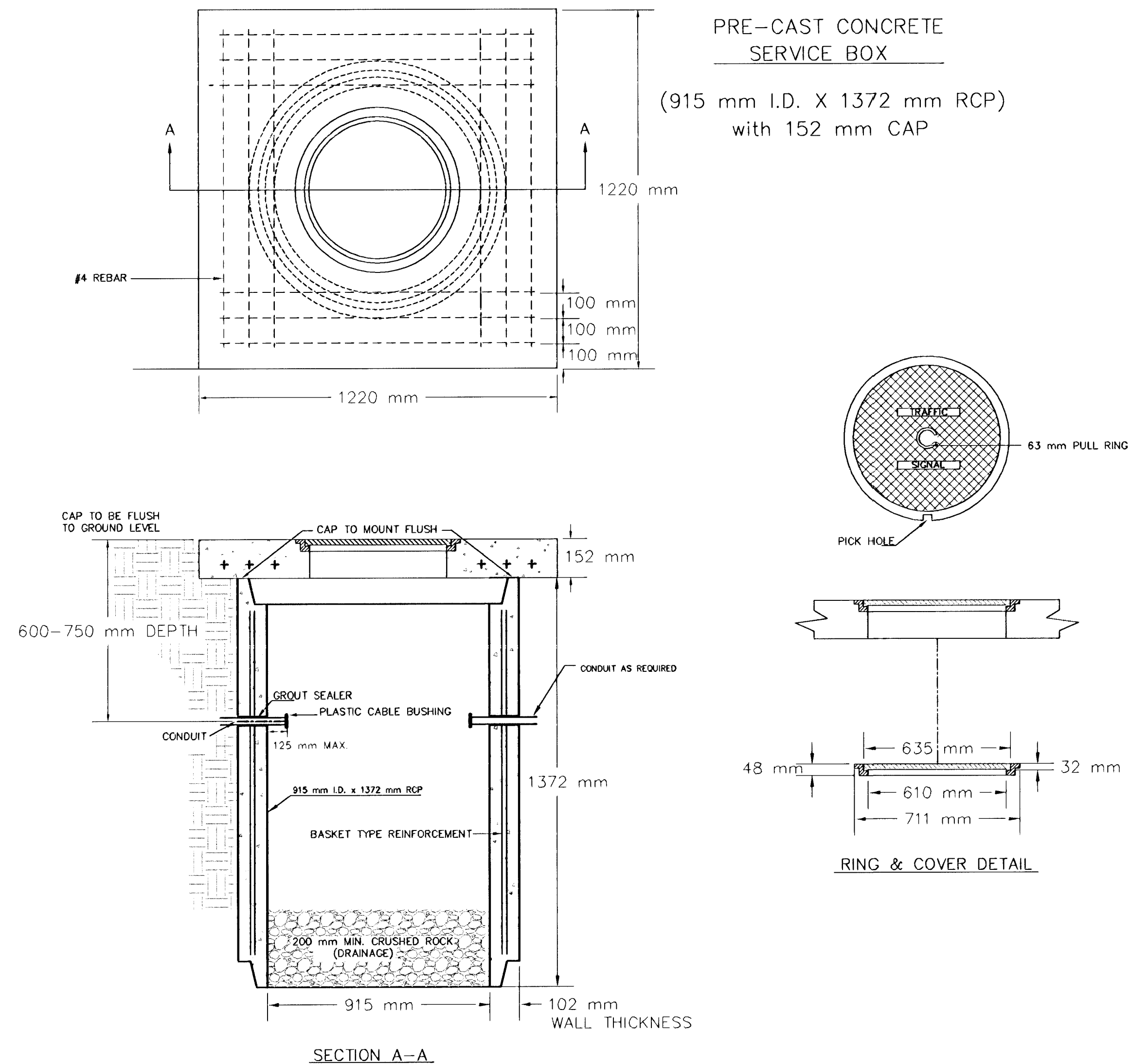
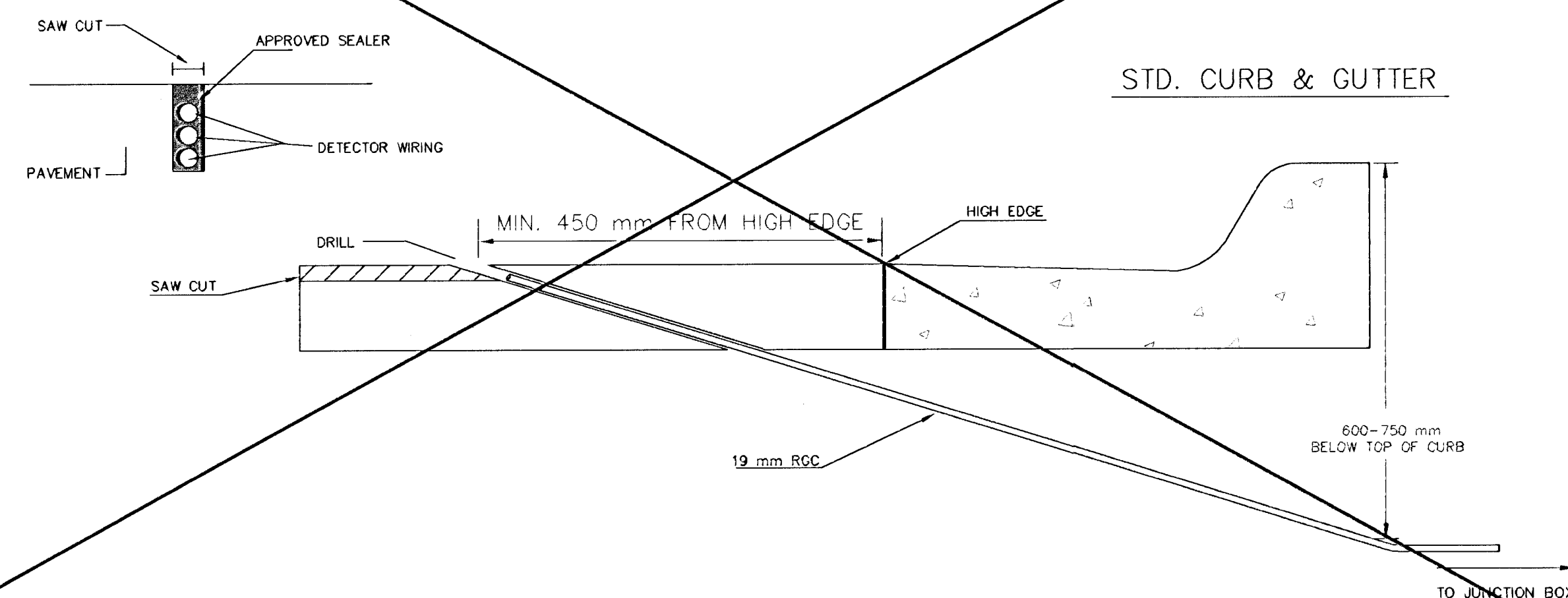


SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



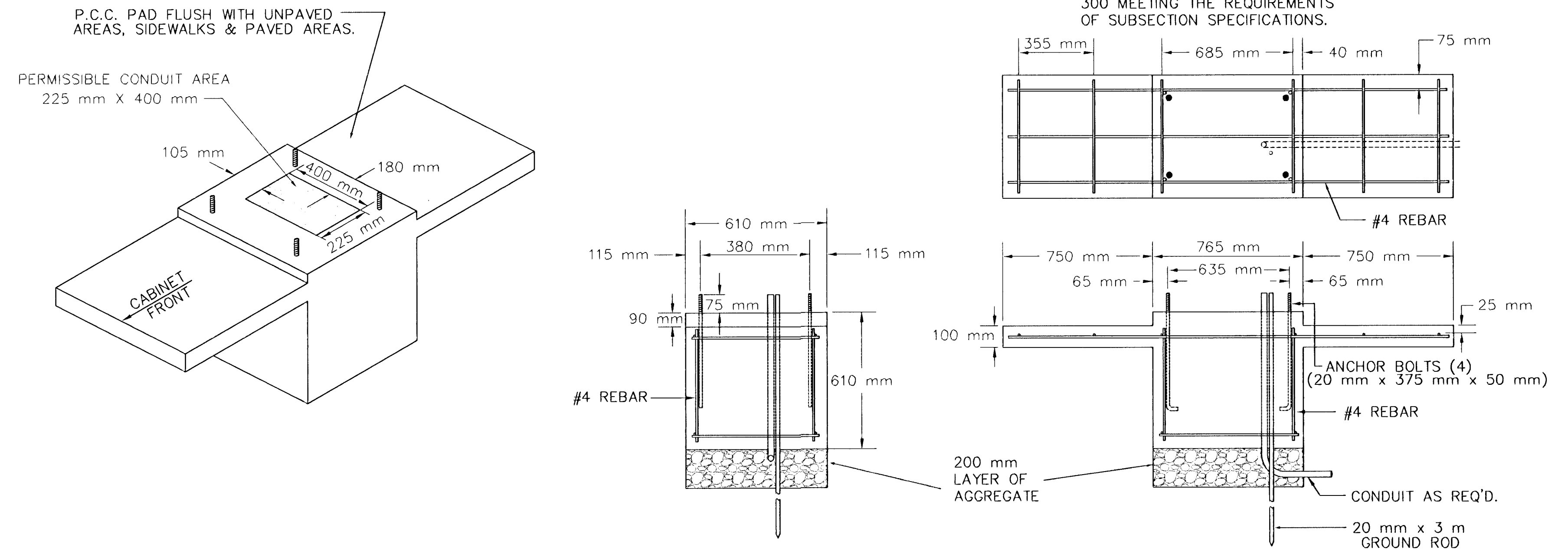
~~CONDUIT/DETECTOR WIRE INSTALLATION DETAILS~~



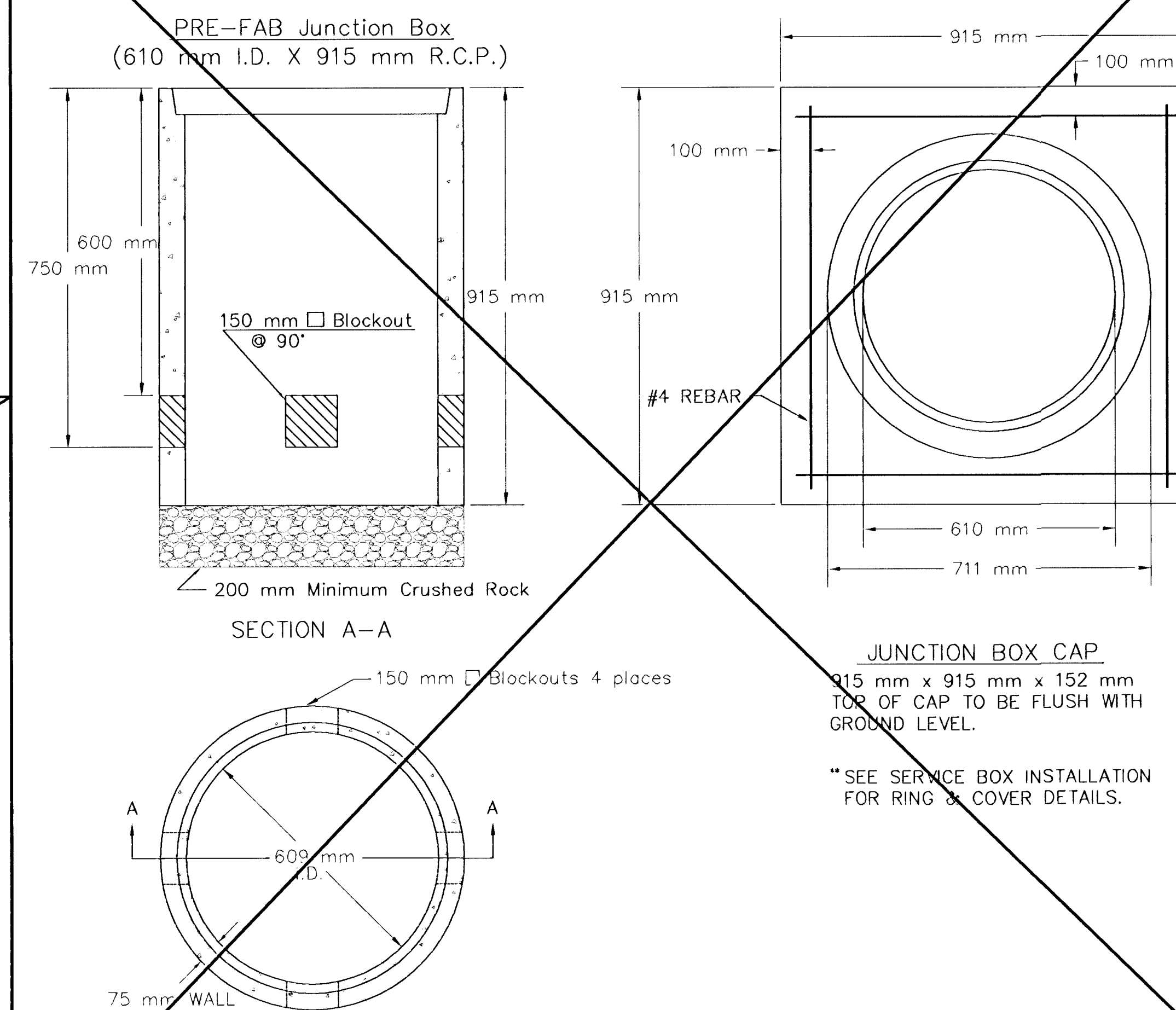
170 CONTROLLER PAD DETAILS

FHWA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-N-0223-01	2002	27	47

REBAR SHALL BE ASTM A615M GRADE 300 MEETING THE REQUIREMENTS OF SUBSECTION SPECIFICATIONS.



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 |

[illegible]

PROJECT NUMBER 472-83799		SHEET NAME SBI-M		ENGINEERING DIRECTORY F:\LinMcIn\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 MCILFAN INTERSECTION IMPROVEMENTS

BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 * 315 ELLIS * WICHITA, KANSAS 67211