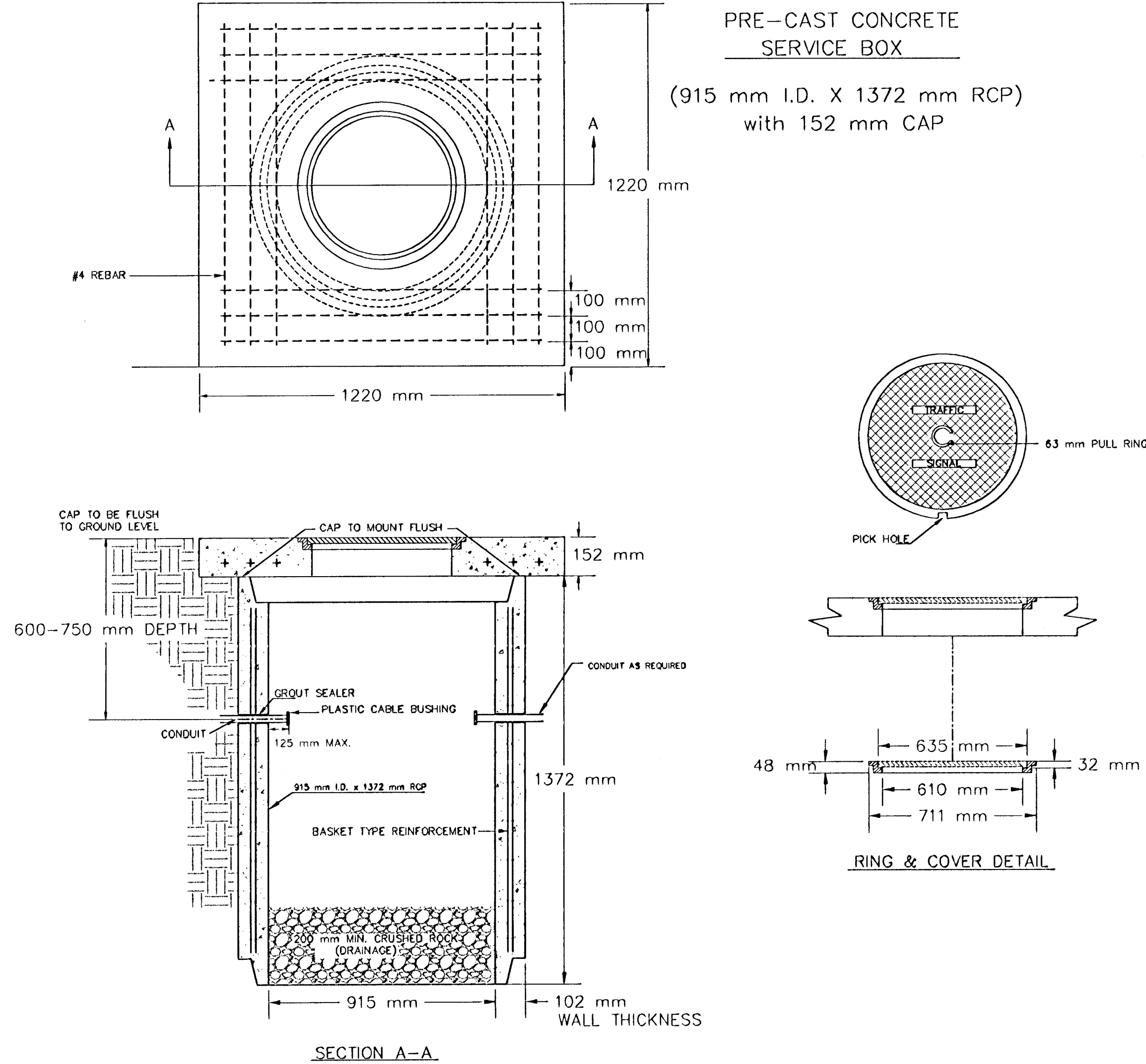
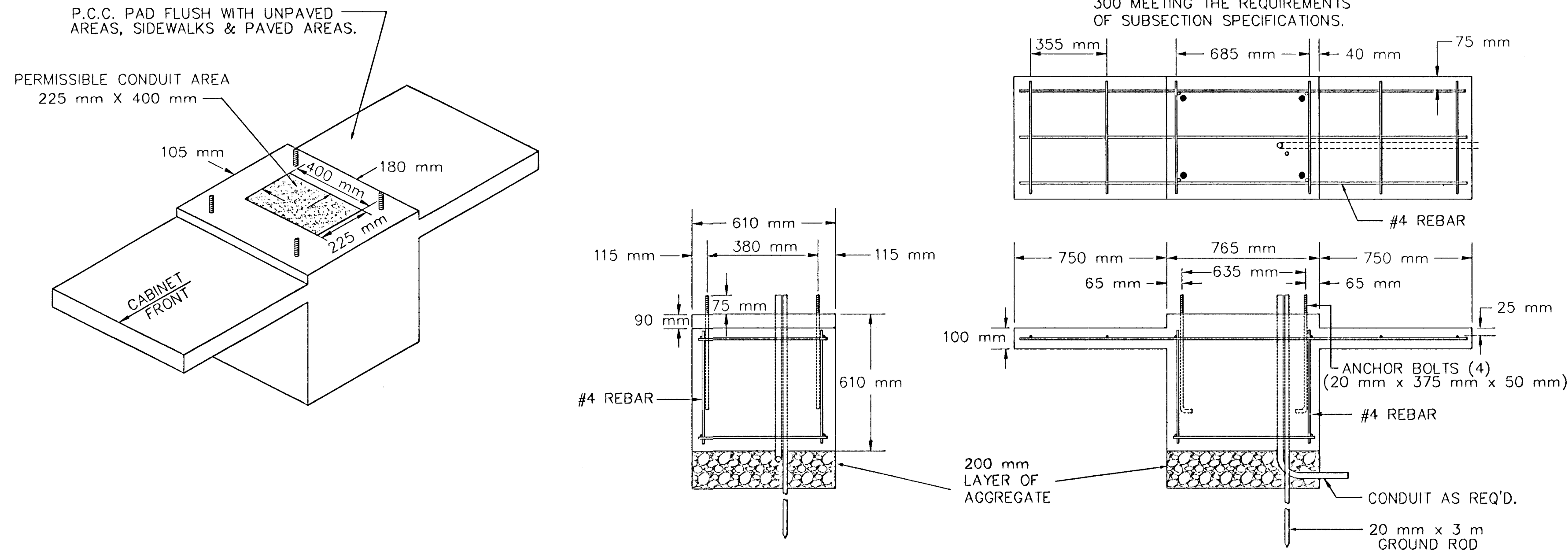


MANHOLE CONSTRUCTION/INSTALLATION DETAILS

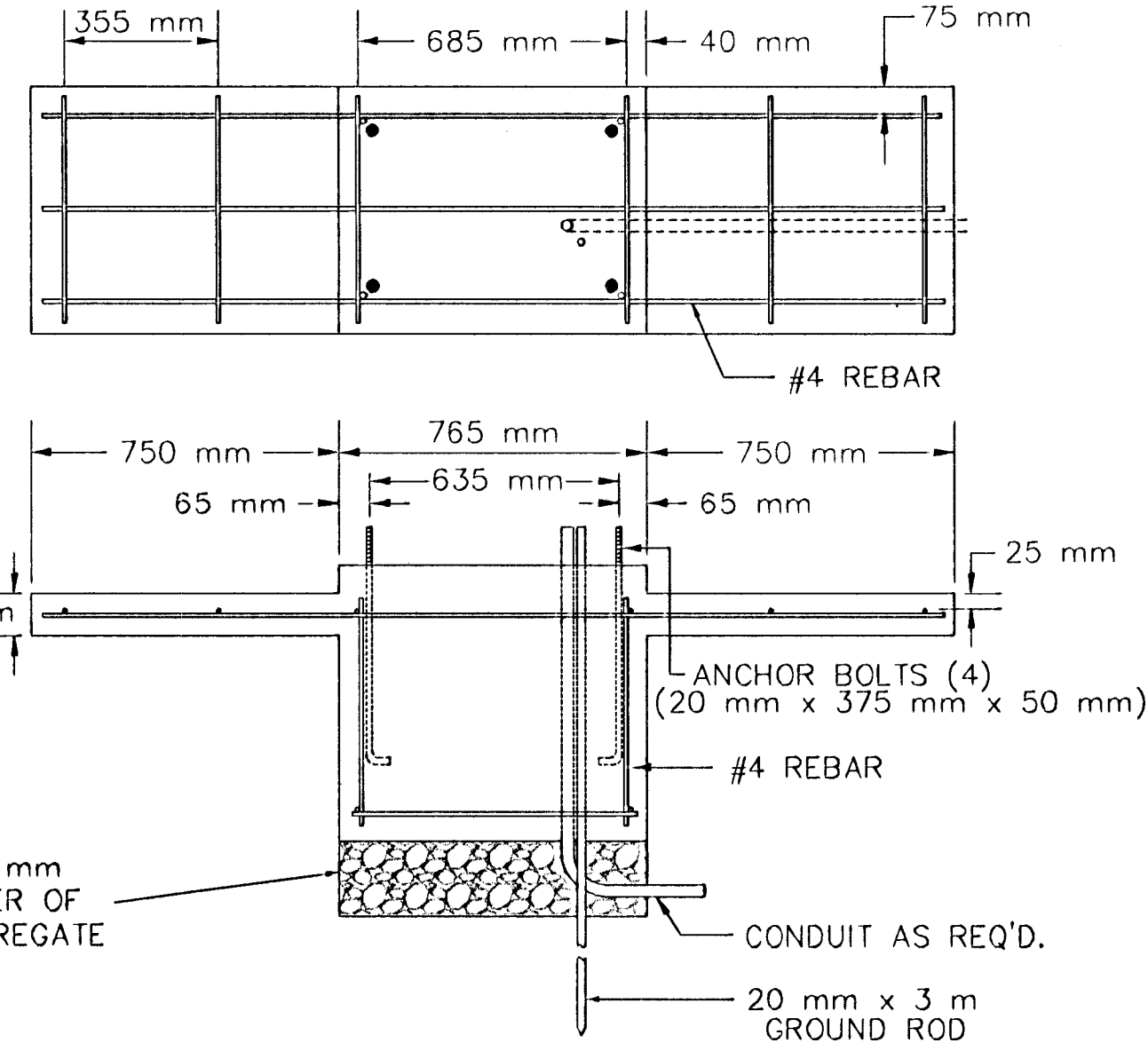


170 CONTROLLER PAD DETAILS

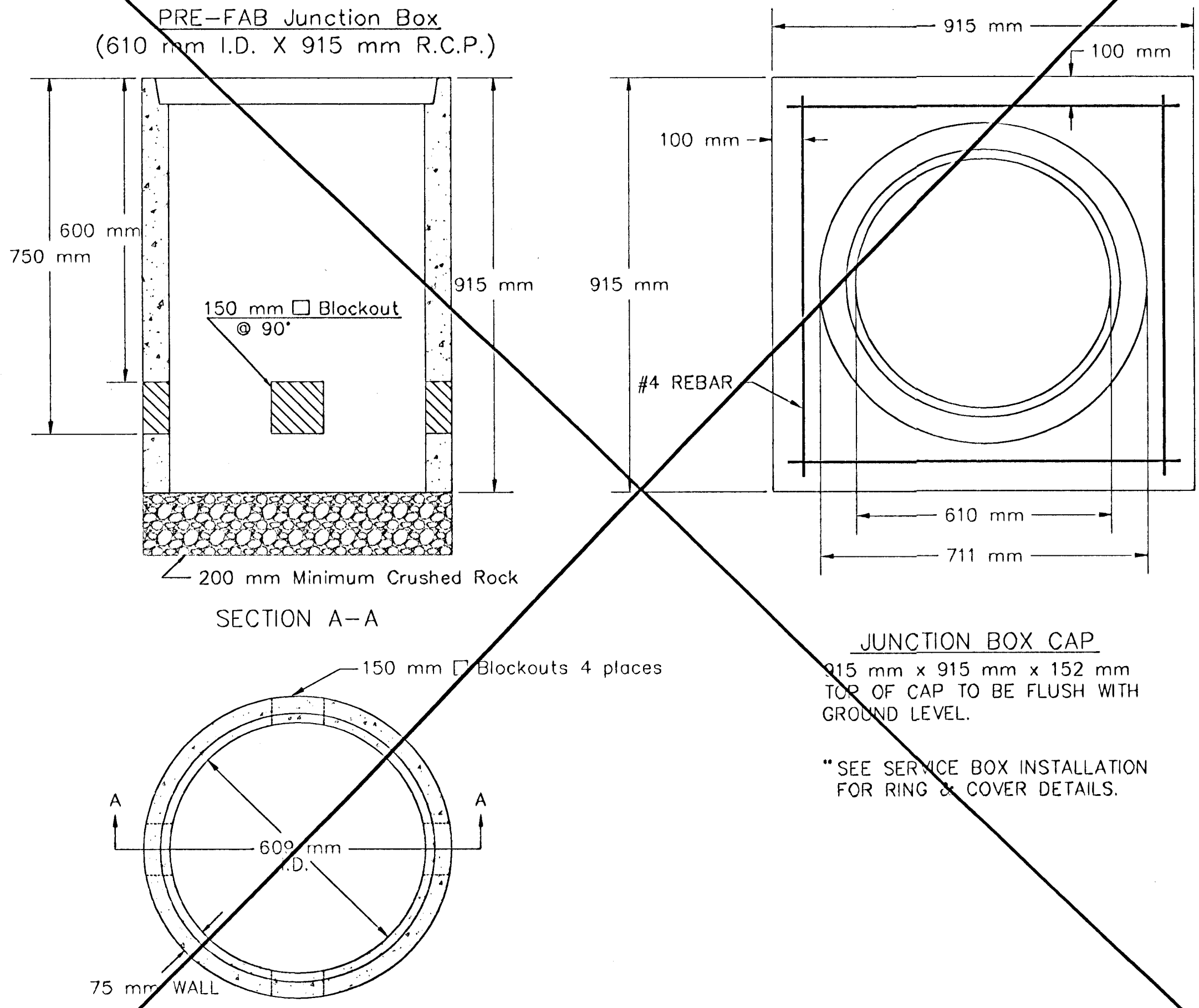


FI-WA REGION NO.	STATE	PROJECT NO.	FISCAL YEAR	SHEET NO.	TOTAL SHEETS
7	KANSAS	87-N-0223-01	2002	26	56

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



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

CONDUIT/DETECTOR WIRE INSTALLATION DETAILS

