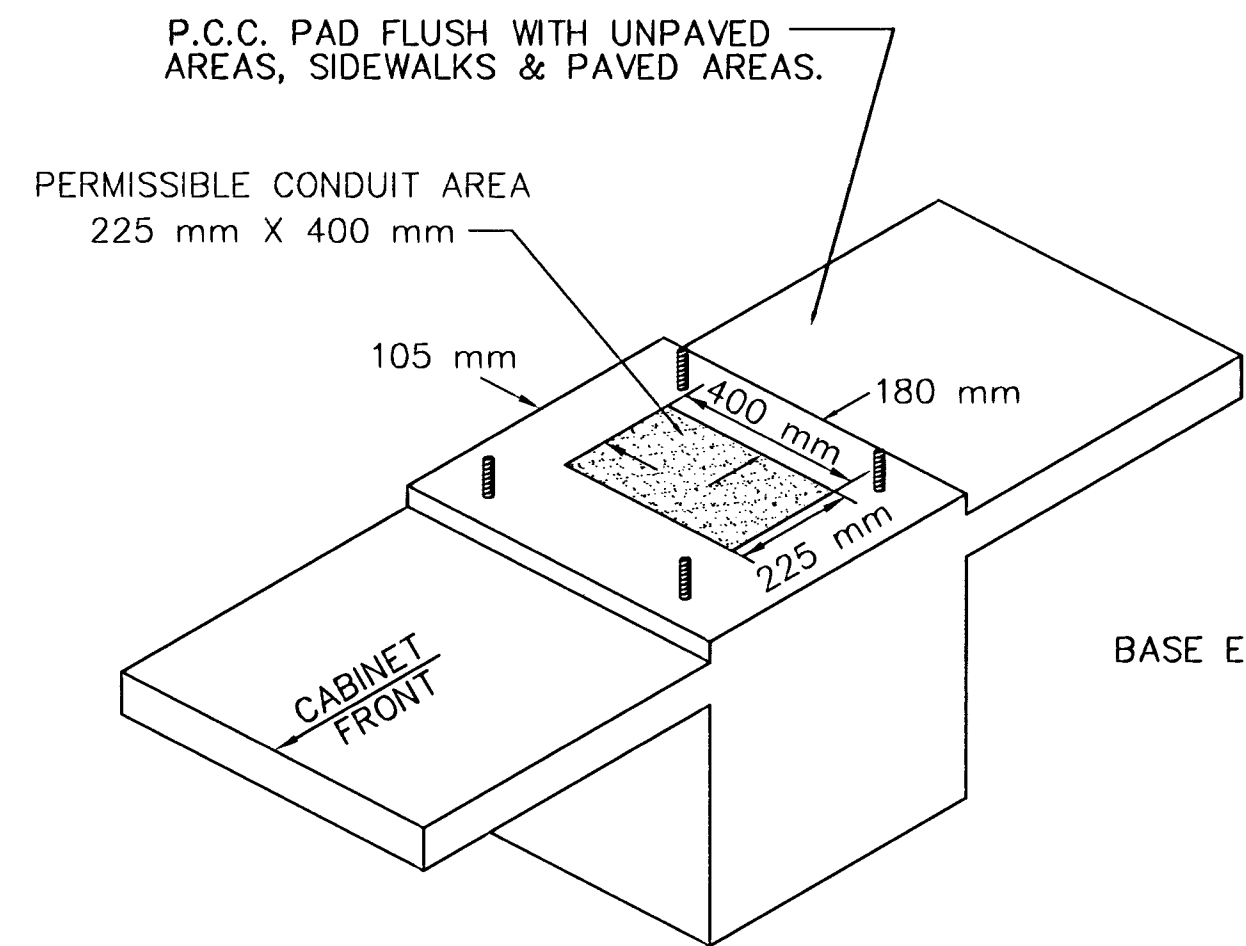
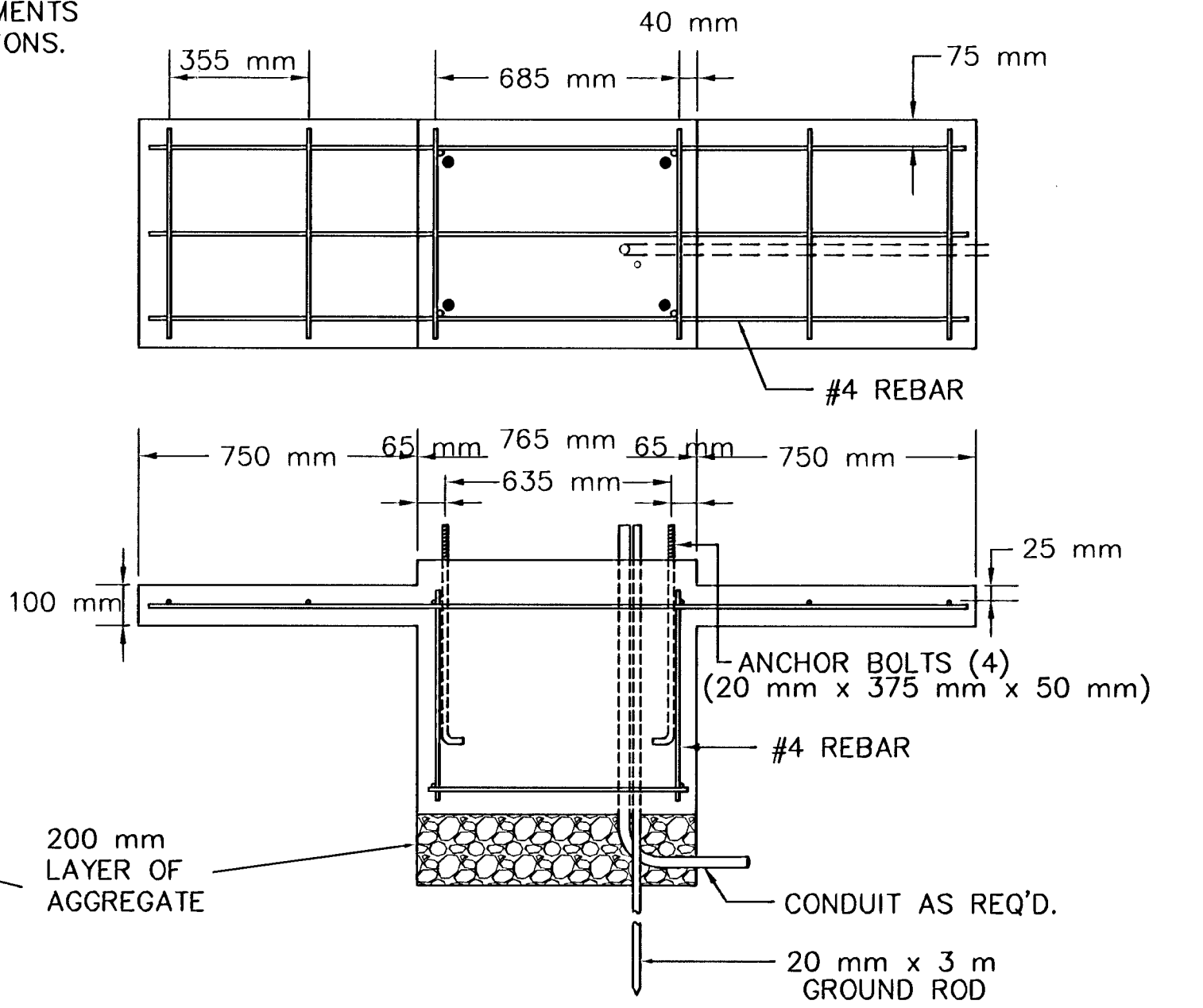
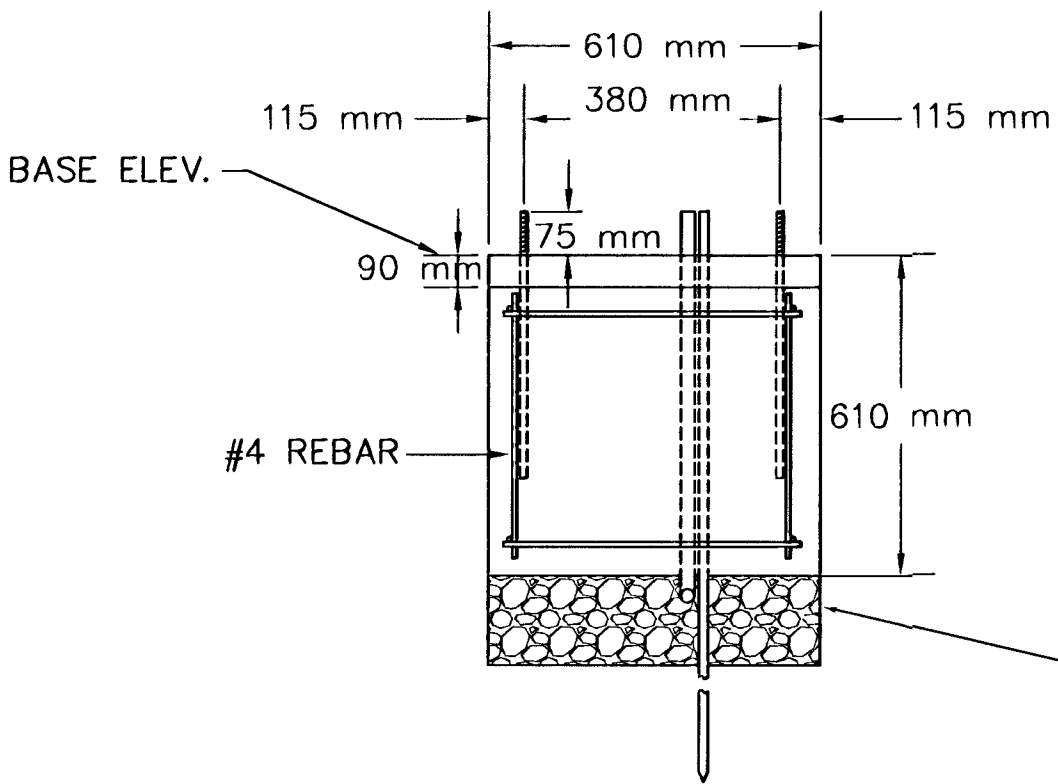


FHWA REGION NO.	STATE	PROJECT NUMBER	FISCAL YEAR	SHEET NUMBER	TOTAL SHEETS
7	KANSAS	87N-0191-01	2002	53	92



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



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.

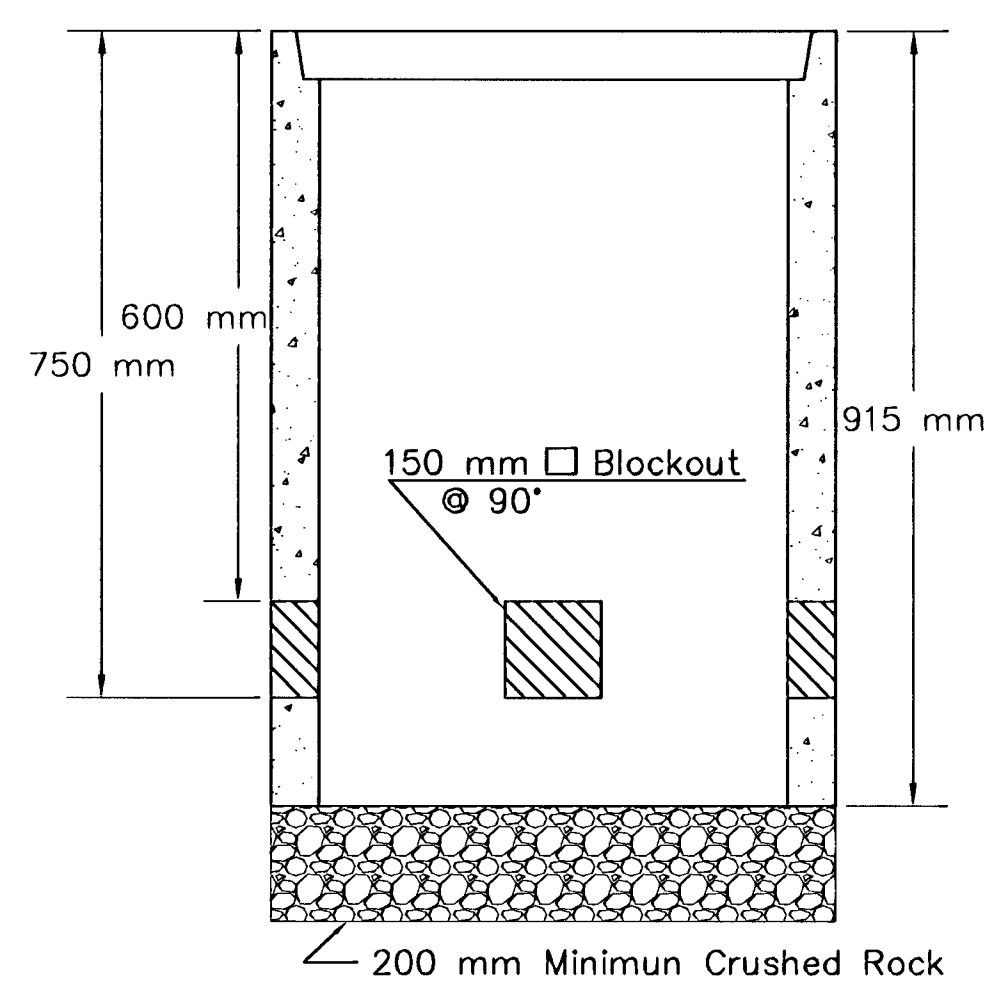
TRENCHING:

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.

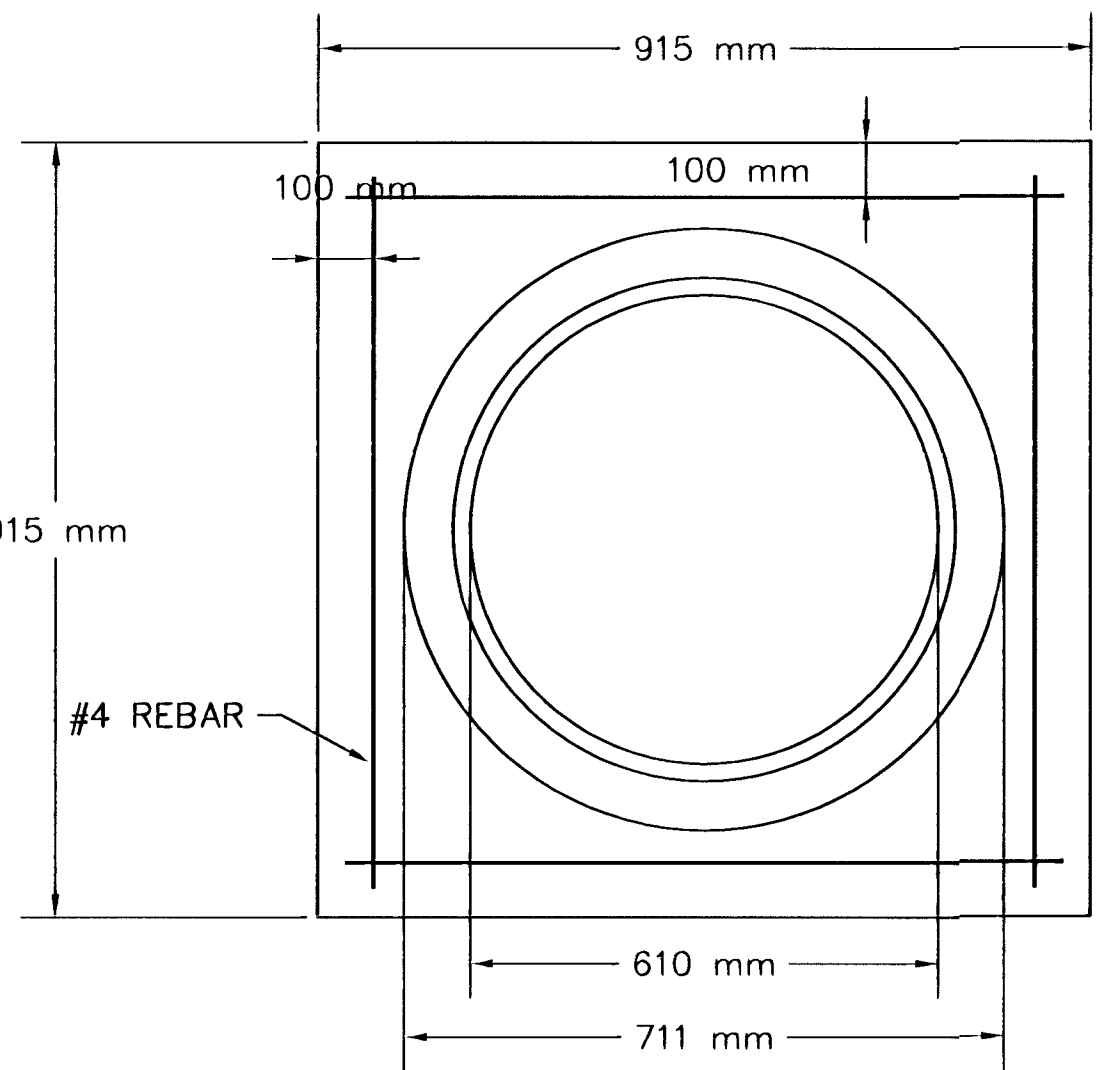
CONDUIT:

- | | | | | |
|----|---|---------------------|-------|--------------------------------------|
| 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 |

PRE-FAB Junction Box
(610 mm I.D. X 915 mm R.C.P.)

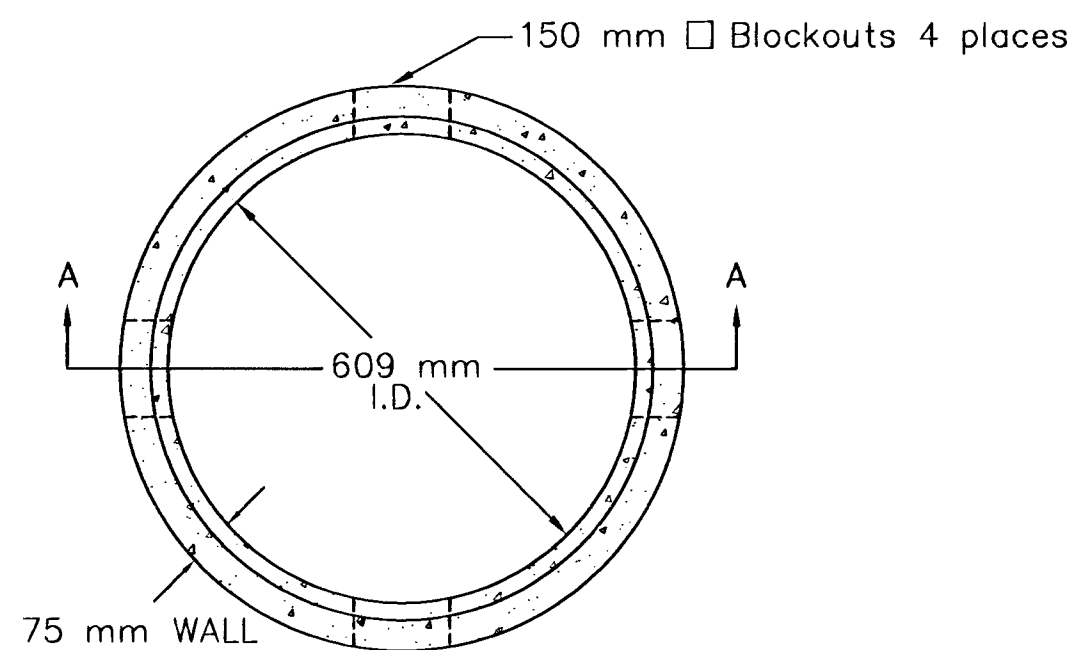


SECTION A-A



JUNCTION BOX CAP

915 mm x 915 mm x 152 mm
TOP OF CAP TO BE FLUSH WITH
GROUND LEVEL.



“SEE SERVICE BOX INSTALLATION
FOR RING & COVER DETAILS.

[illegible]

PROJECT DESCRIPTION			
SERVICE/JUNCTION BOX, CONTROLLER PPD CONSTRUCTION/INSTALLATION DETAILS			
PROJECT NUMBER 472-83685 (706852)			
DRAWN BY: T.M.	APPROVED BY		REVISED:
DATE: Feb. 98			DATE:
CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS			
TRAFFIC ENGINEERING DIVISION Paul Gunzelman		TRAFFIC ENGINEER	SCALE NO SCALE

