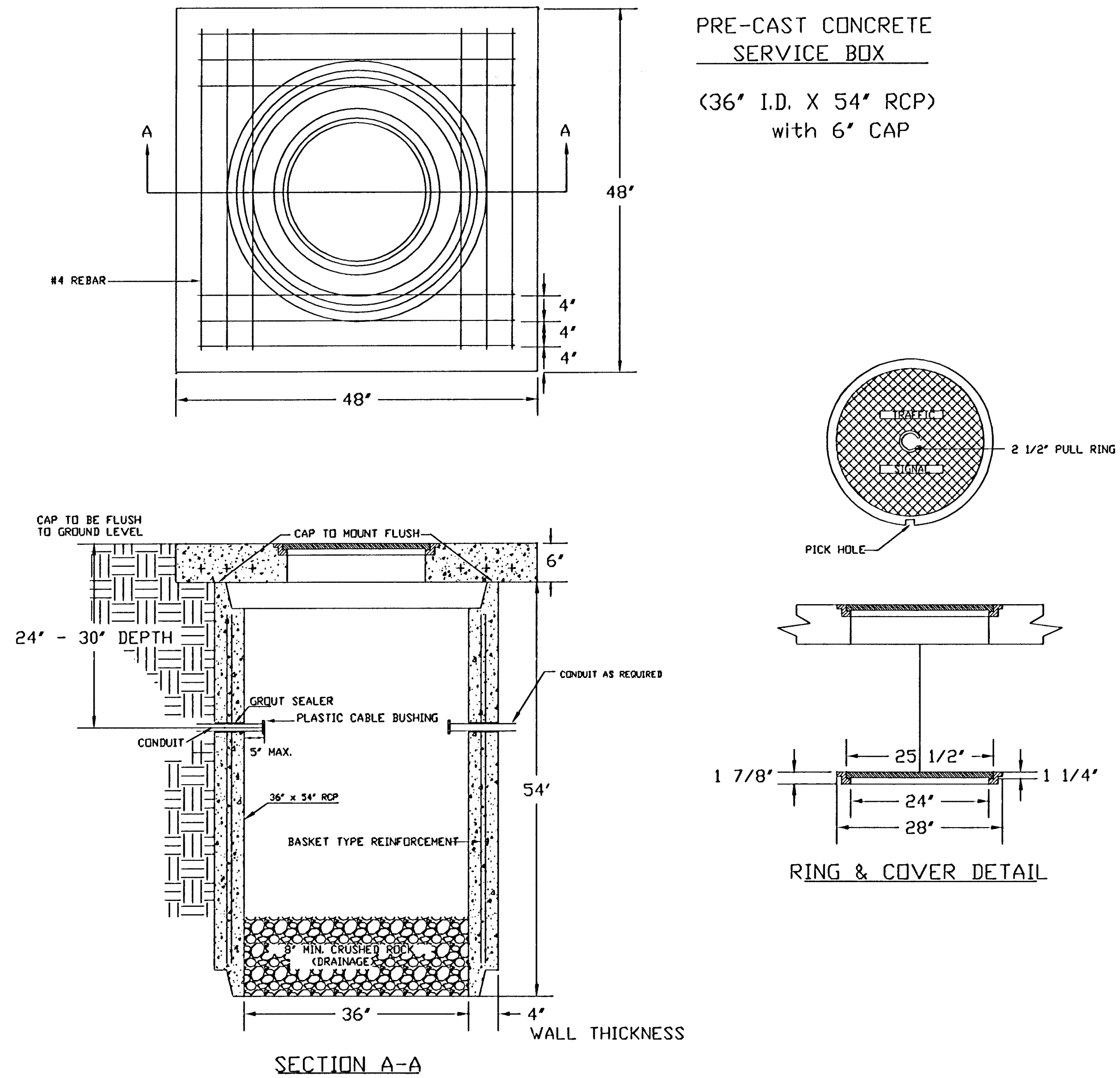
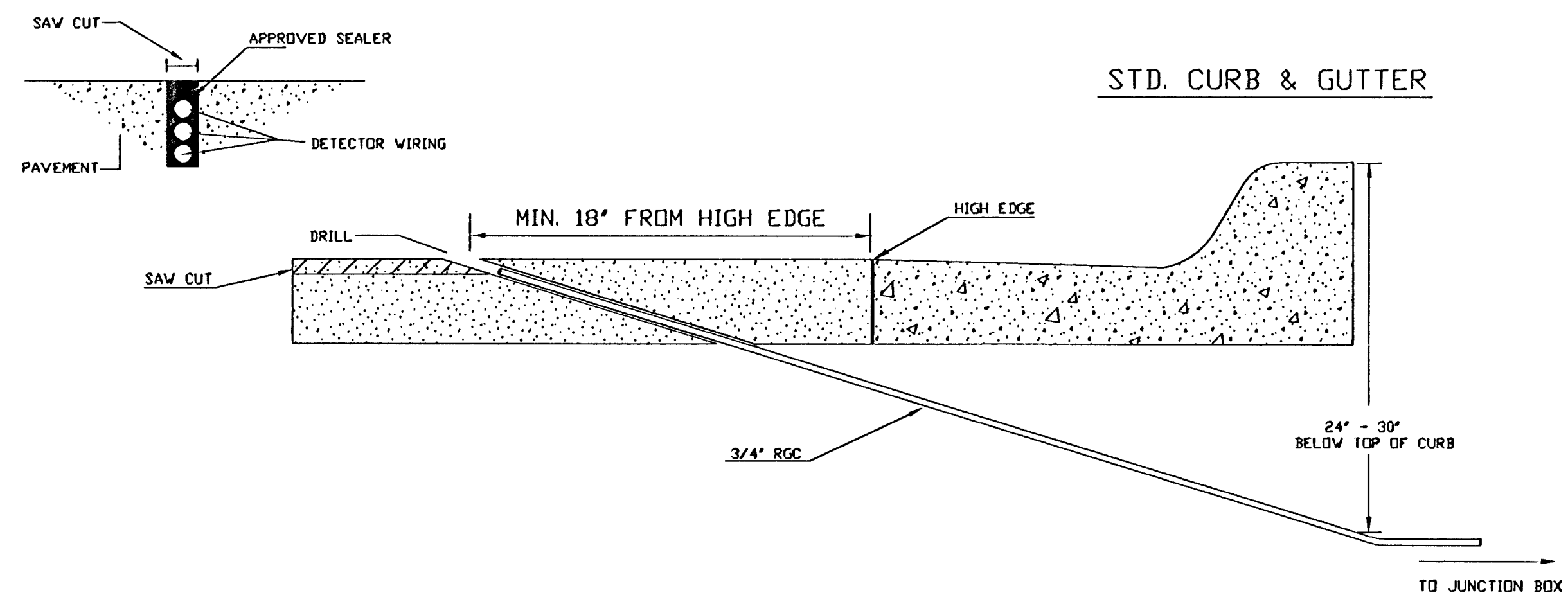


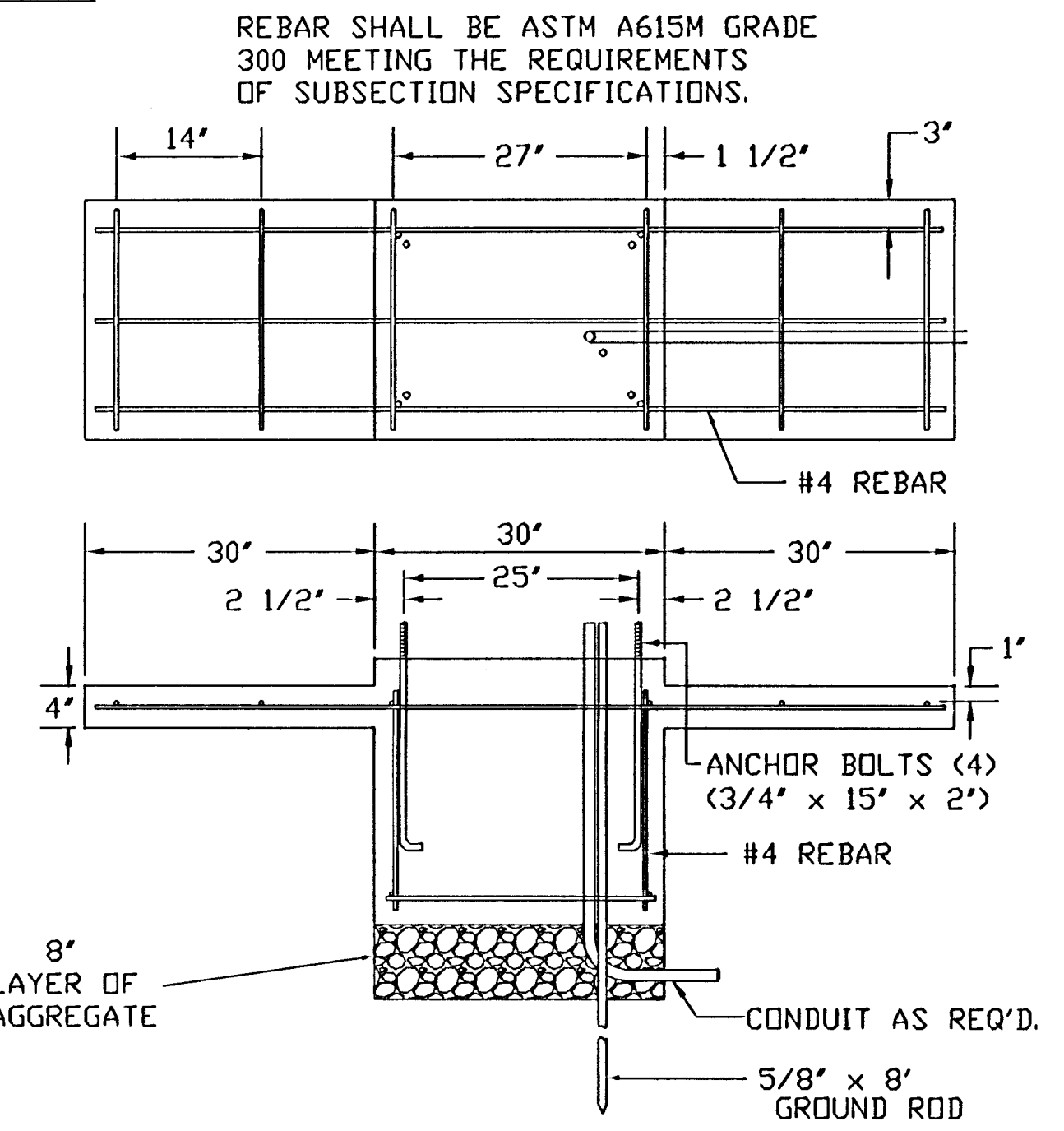
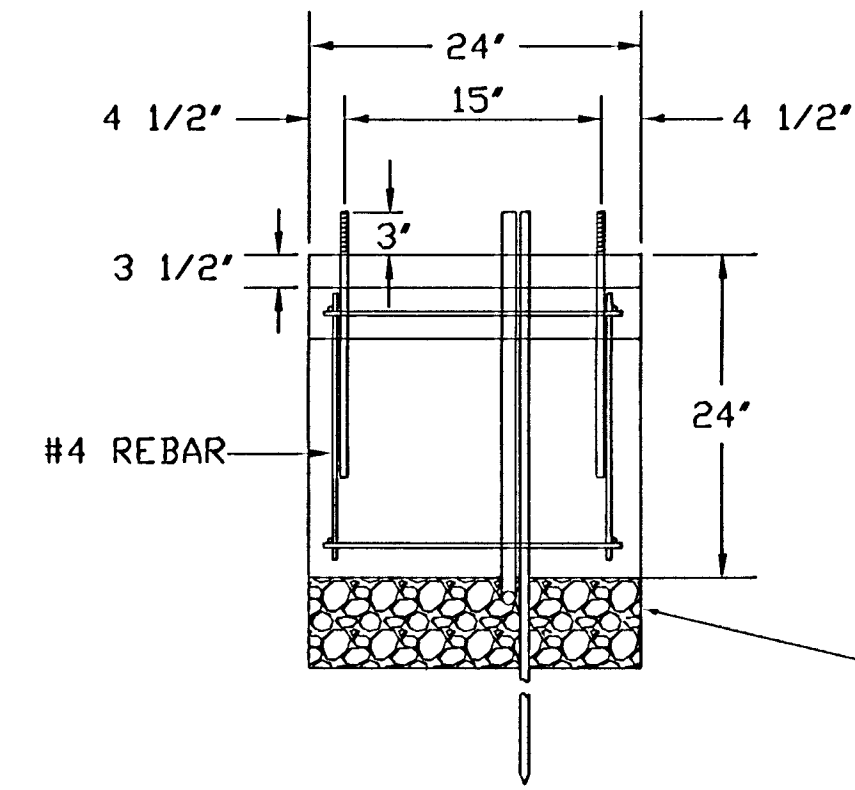
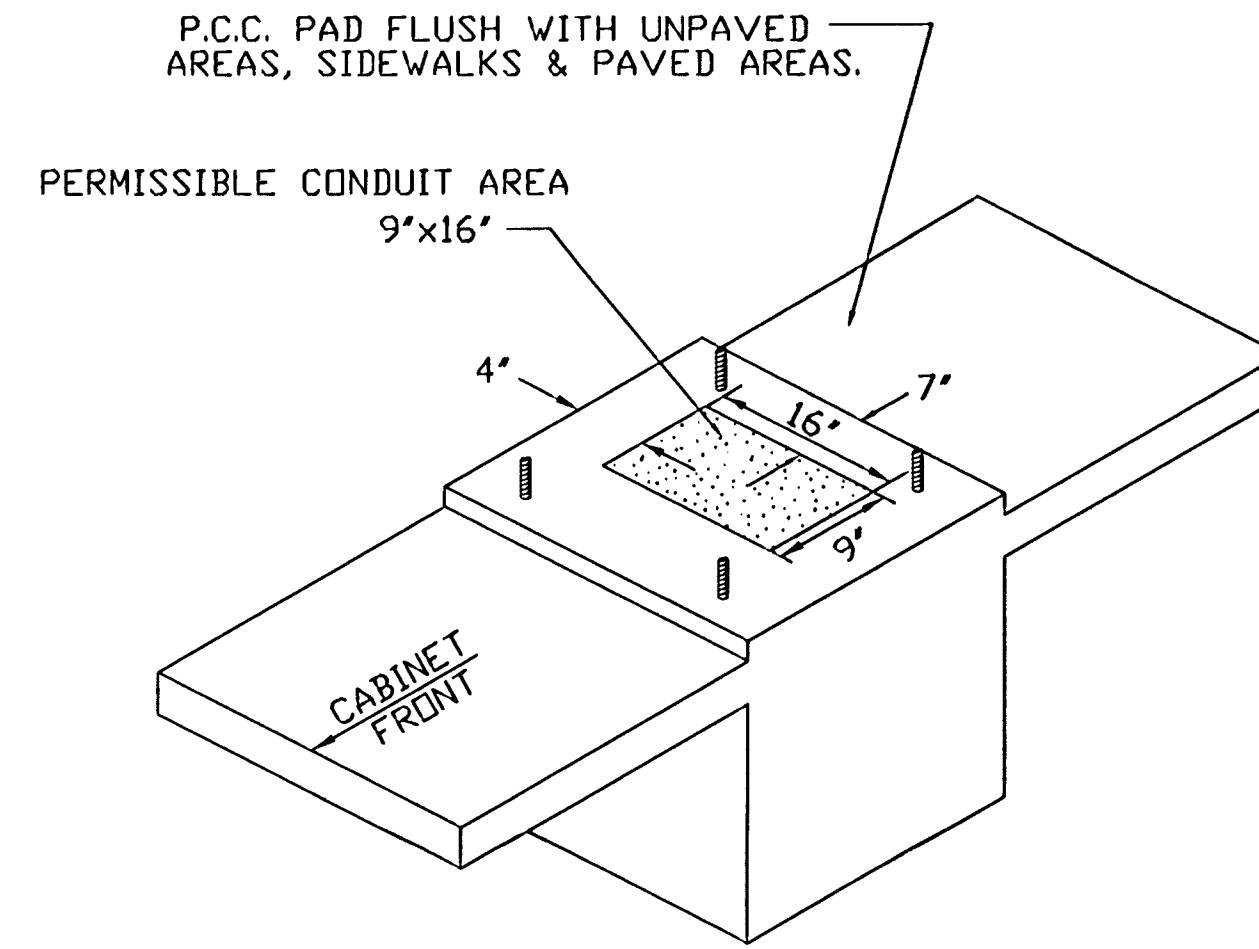
SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



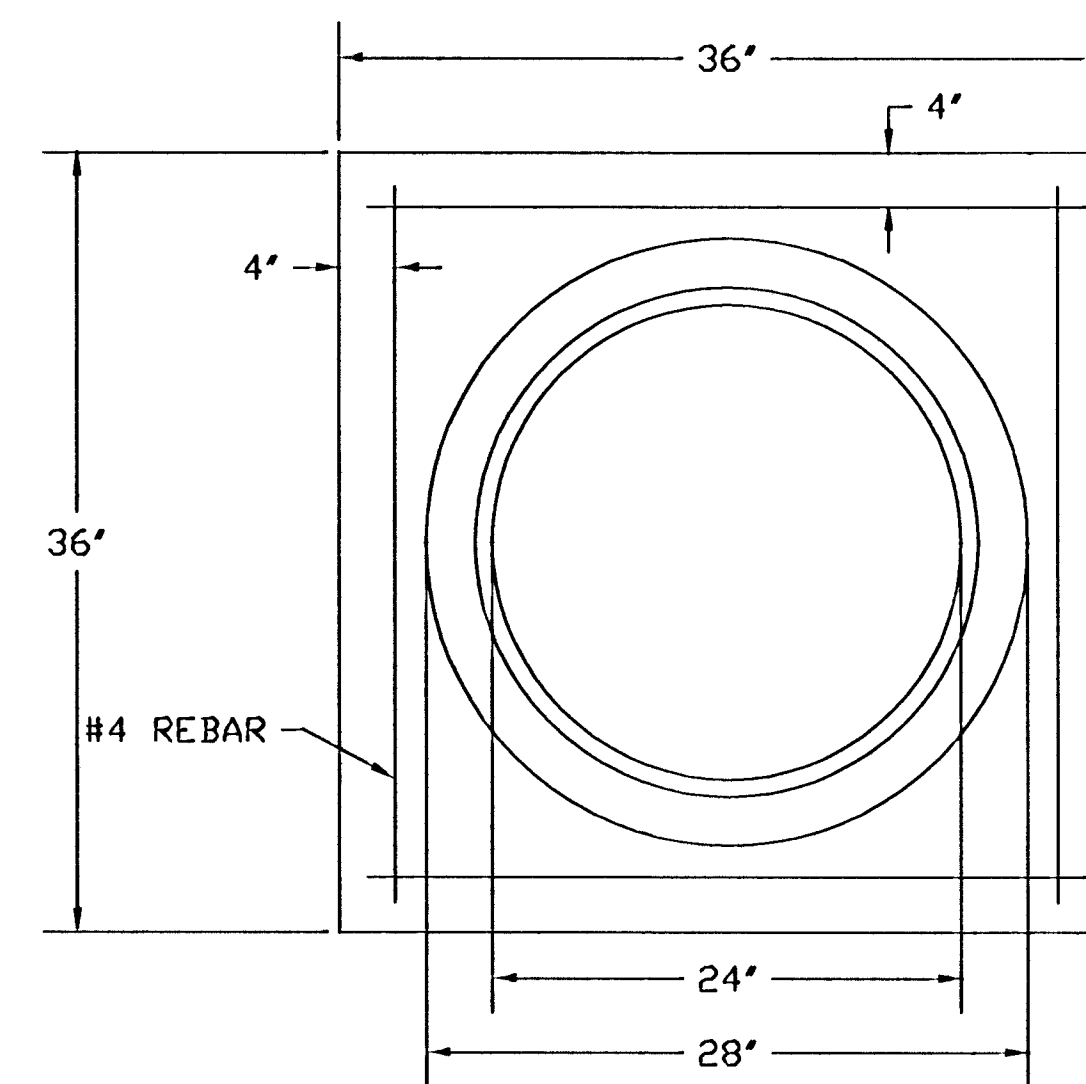
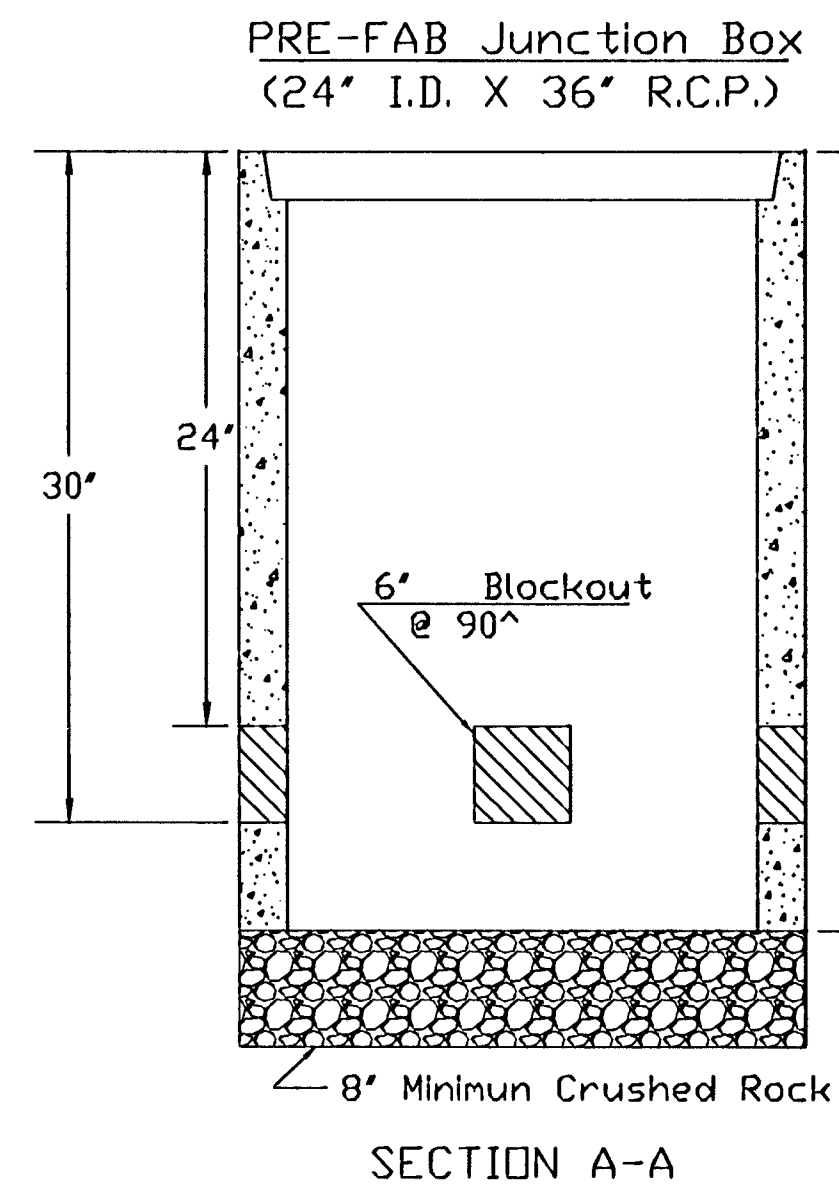
CONDUIT/DETECTOR WIRE INSTALLATION DETAILS



170 CONTROLLER PAD DETAILS

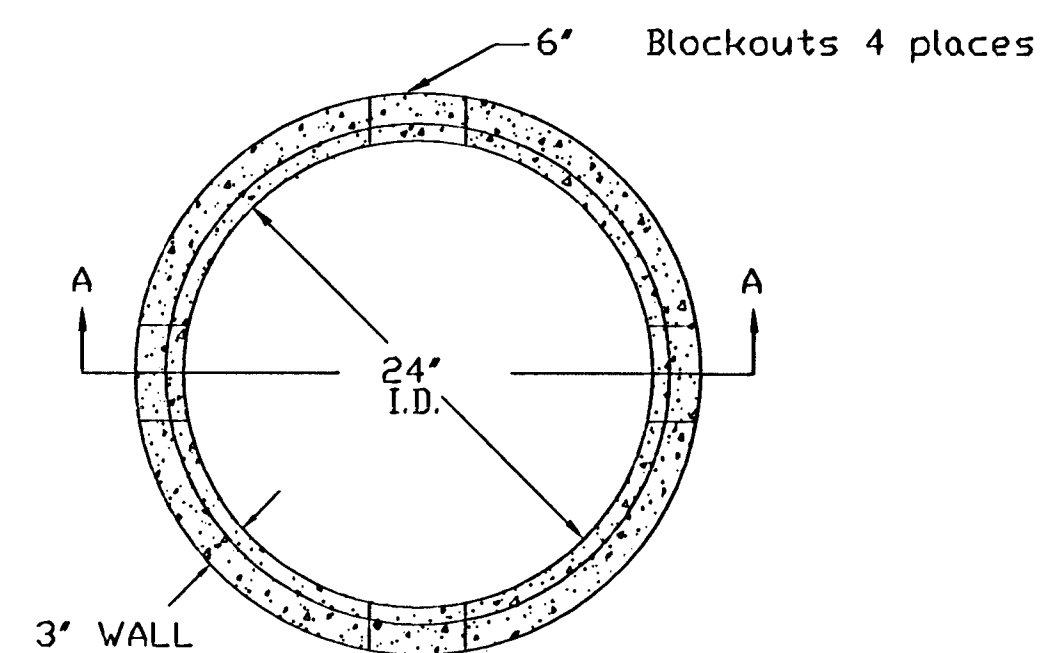


JUNCTION BOX DETAILS



JUNCTION BOX CAP

36' x 36' x 6'
TOP OF CAP TO BE FLUSH WITH
GROUND LEVEL.



SEE SERVICE BOX INSTALLATION
FOR RING & COVER DETAILS.

[illegible]

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 30" MINIMUM WITH ROCK & STUBBLE FREE BACKFILL TO SERVE AS BEDDING MATERIAL. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.
2. BACKFILL TO BE COMPACTED IN 6" LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 95% STANDARD DENSITY.

CONDUIT:

1. SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
2. 3" RIGID STEEL CONDUIT BTWN. SERVICE BOXES.
1 1/4" " " " BTWN. SERVICE & JUNCTION BOXES.
3/4" " " " BTWN. JUNCTION BOXES.
3/4" " " " BTWN. JUNCTION BOX & DETECTOR
LOOP SAW CUT

SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS



THE CITY OF WICHITA

CITY ENGINEER'S OFFICE
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 405 NORTH MAIN STREET
 WICHITA, KANSAS 67202
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 (316) 268-4114 FAX

NEWMARKET SQUARE ENTRANCE AND MAIZE ROAD
SERVICE/JUNCTION BOX, CONTROLLER PAD
CONSTRUCTION/INSTALLATION DETAILS

	PROJECT NUMBER 472-84276
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DRAWN BY: T.M.	SCALE	REVISED BY:
DATE: MAY 97	NO SCALE	DATE:
CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS		

DIVISION OF TRAFFIC ENGINEERING
WM. G. MCKINLEY P.E. TRAFFIC ENGINEER

SHEET 7 OF 8