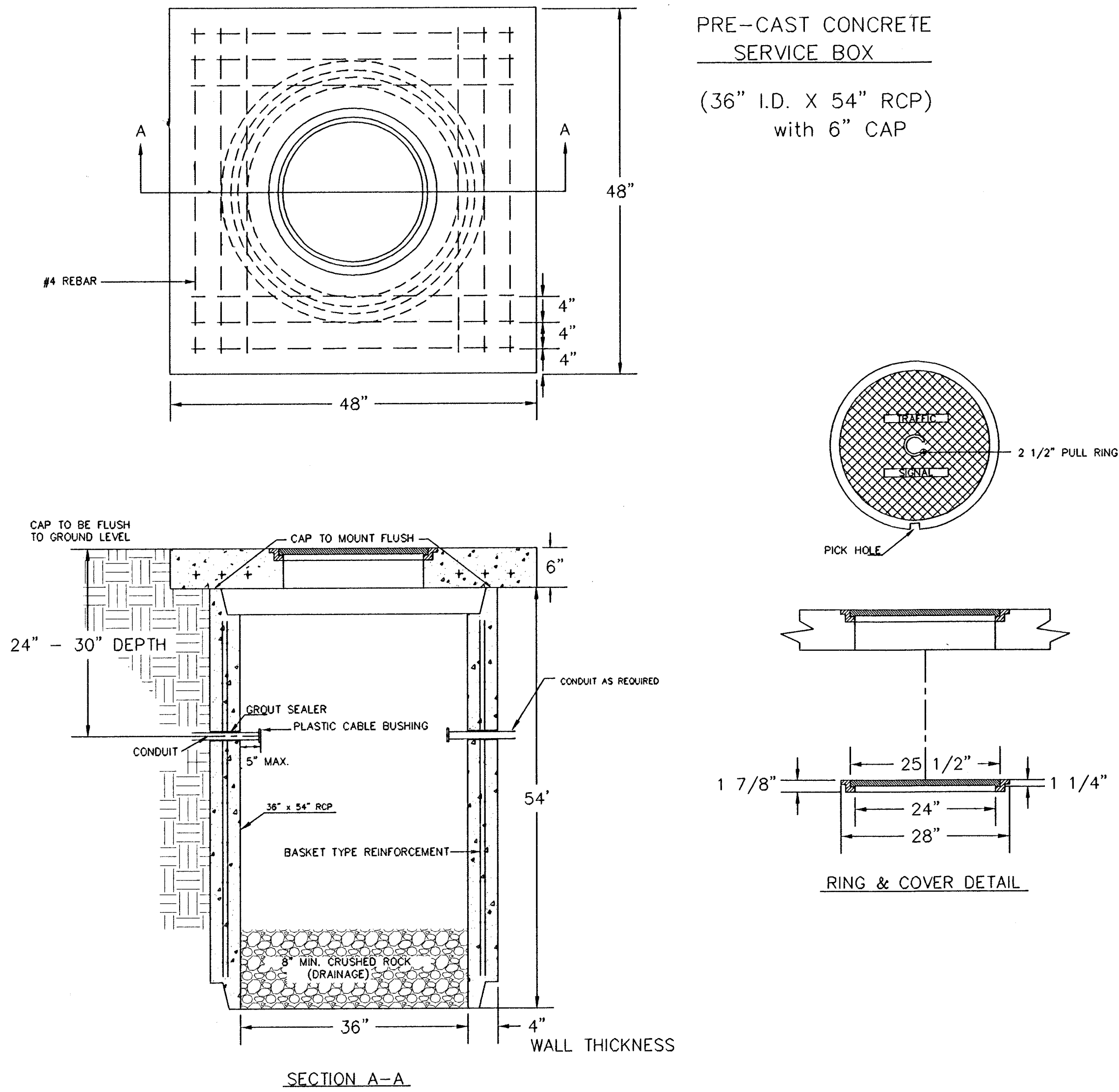
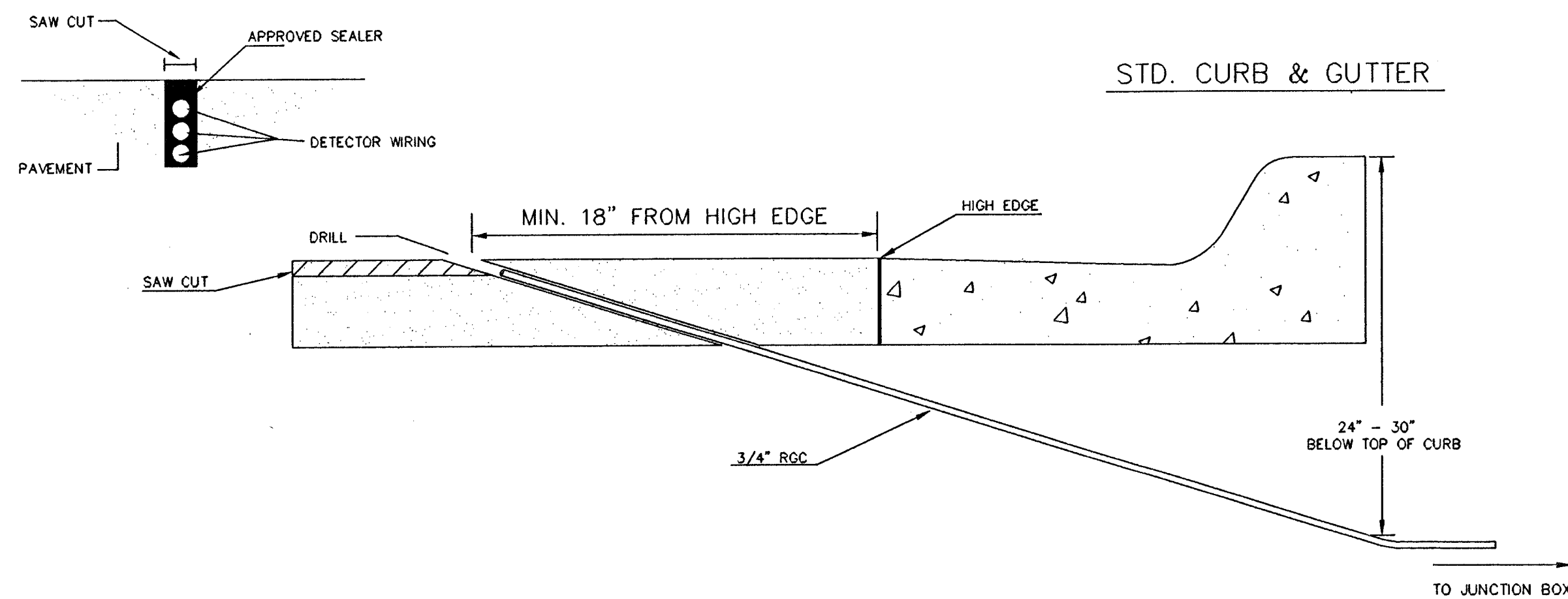


SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



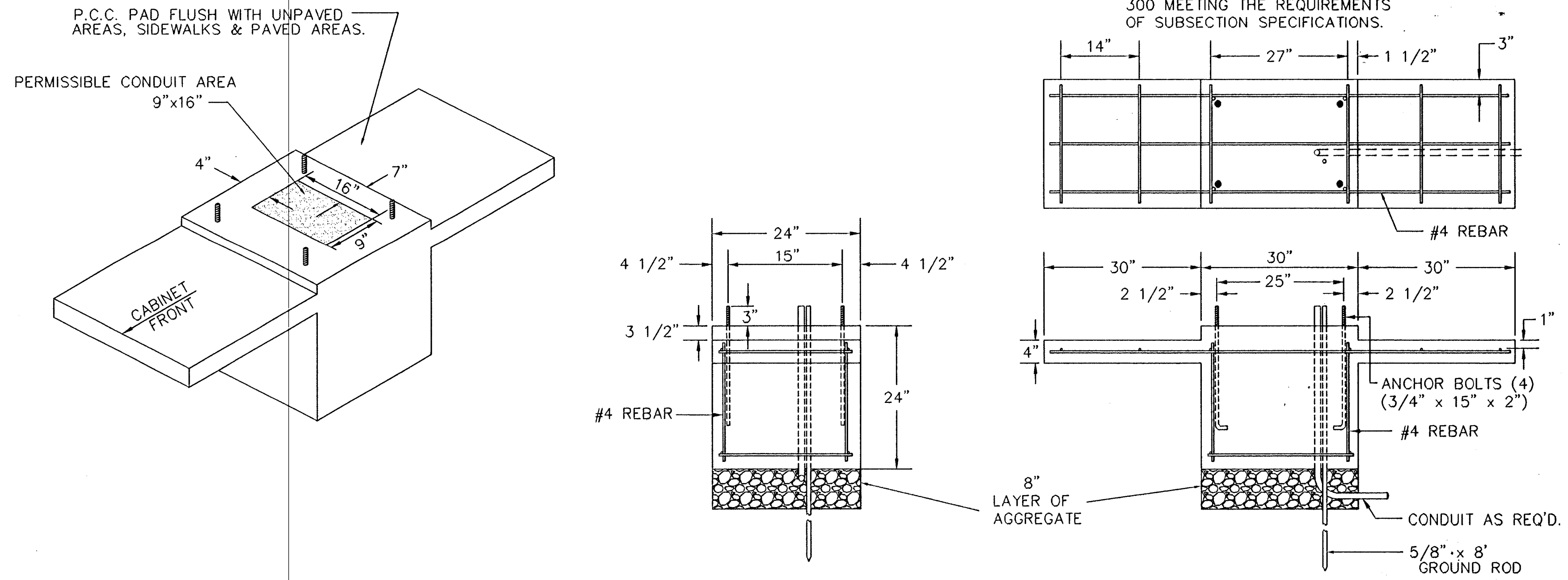
CONDUIT/DETECTOR WIRE INSTALLATION DETAILS



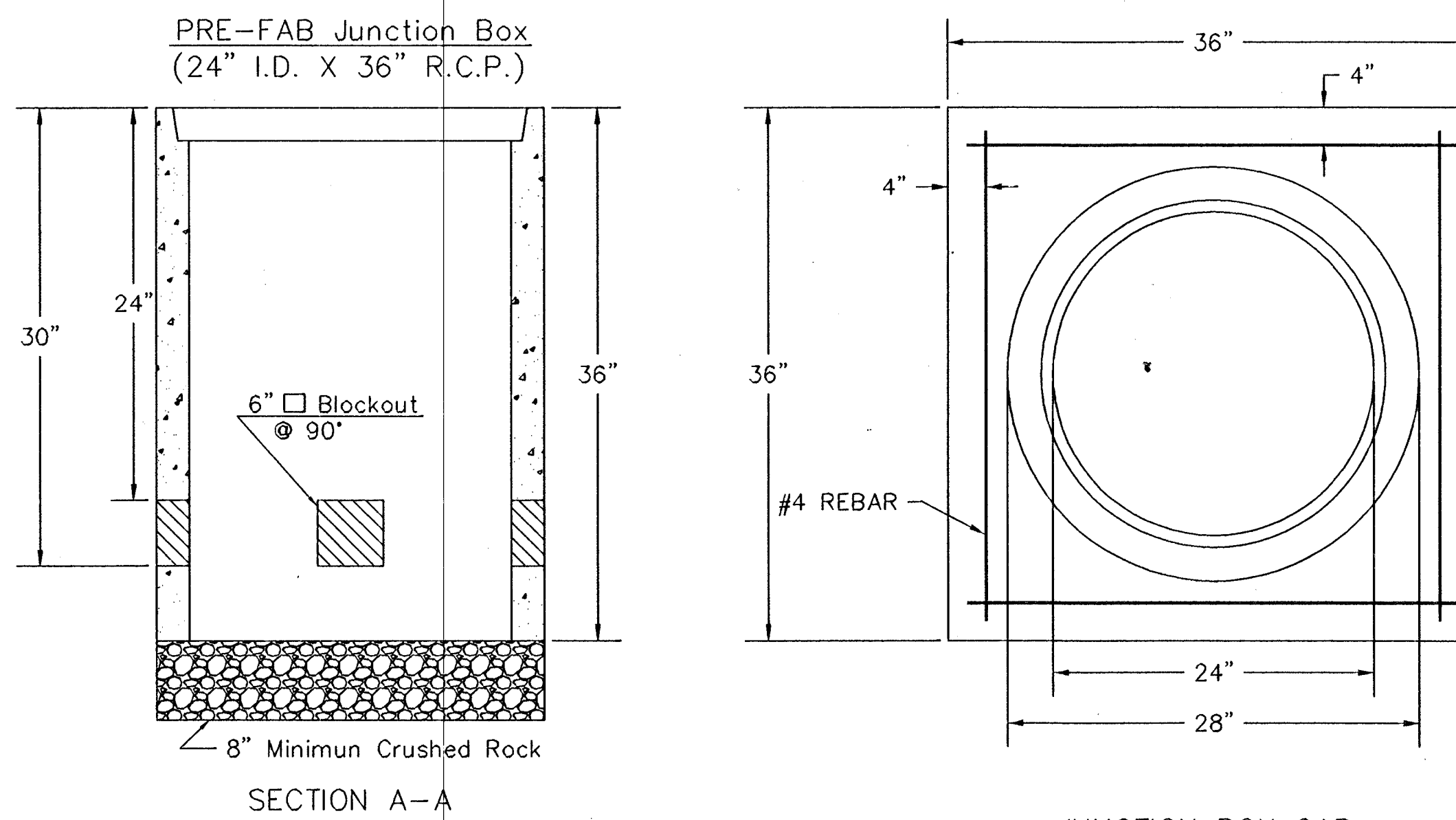
170 CONTROLLER PAD DETAILS

FWHA REGION NO.	STATE	PROJECT NO.	YEAR	SHEET NO.	TOTAL SHEETS
KANSAS	ASTM A615M	99	44	94	

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



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

PROJECT DESCRIPTION			
SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS			
PROJECT NUMBER 472-82787			
DRAWN BY: T.M.		APPROVED BY	
SCALE: NO SCALE		REVISIONS:	
		DATE: Apr. 06	
CITY OF WICHITA			
DEPARTMENT OF PUBLIC WORKS			
TRAFFIC ENGINEERING DIVISION		BY: <i>g</i>	
WM. G. MCKINLEY P.E.		TRAFFIC ENGINEER	
		SH: 44	OF: 94