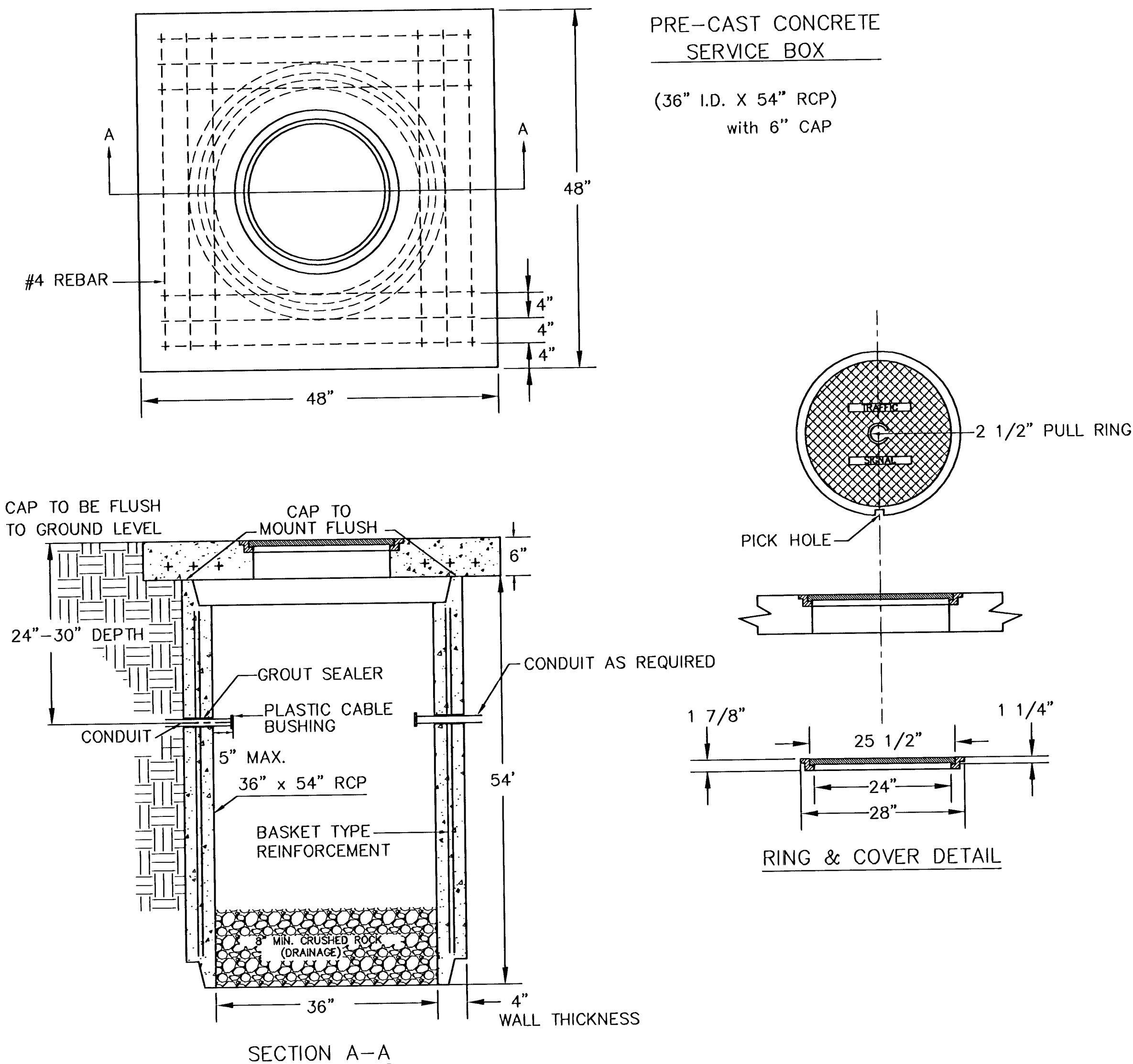
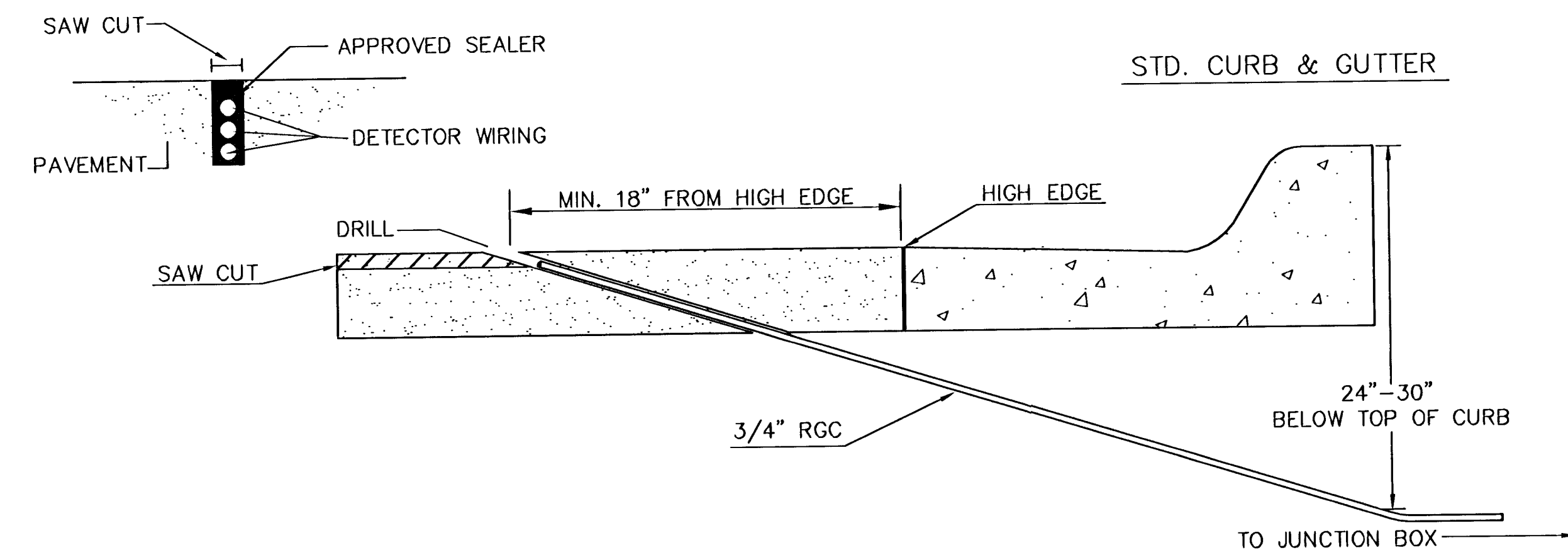


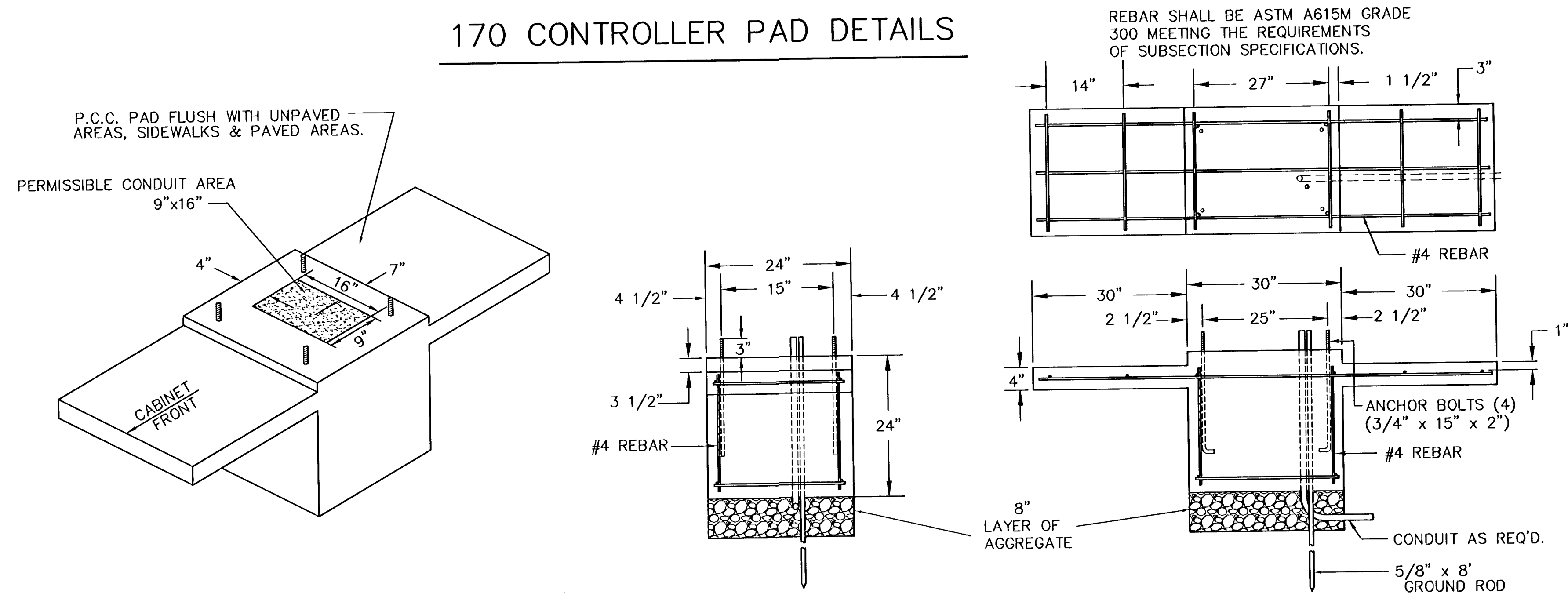
SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



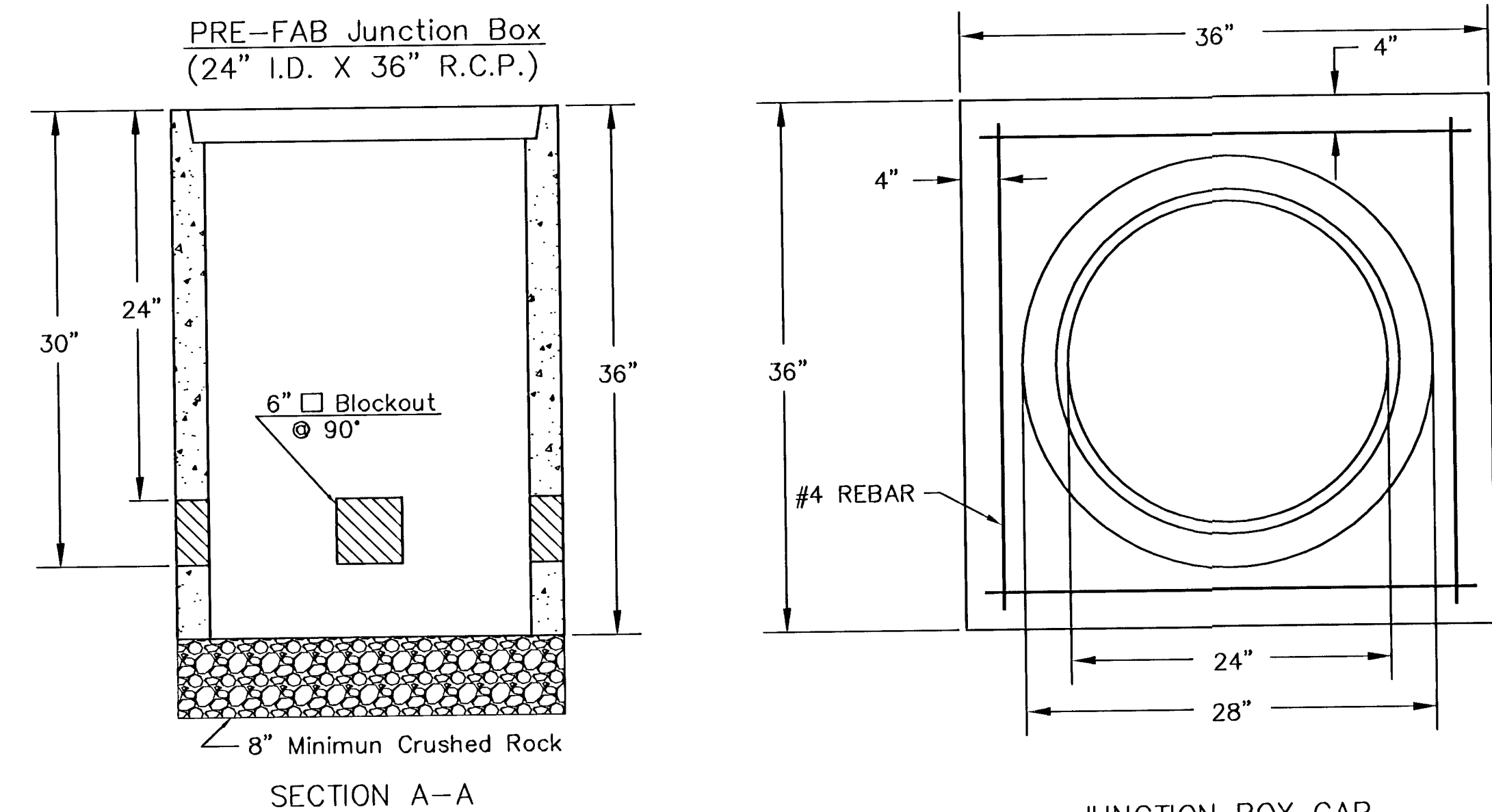
CONDUIT/DETECTOR WIRE INSTALLATION DETAILS



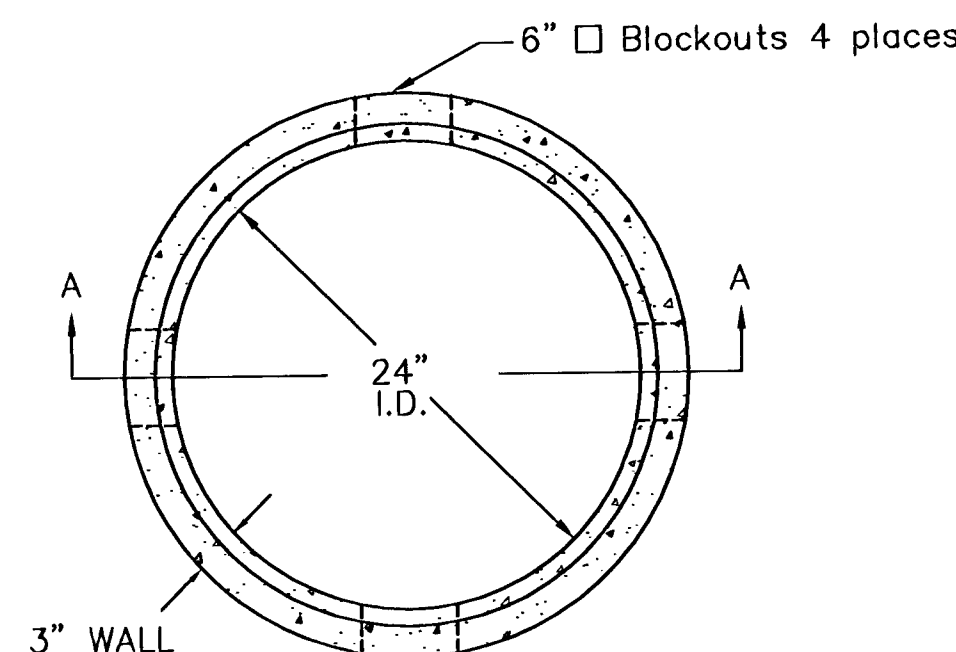
170 CONTROLLER PAD DETAILS



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.

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

REV. DATE	COMMENTS	INT

PROJECT DESCRIPTION	
SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS	
PROJECT NUMBER 872-83708 872-84047	
DRAWN BY: T.M.	APPROVED BY:
DATE: June 04	DATE:
CITY OF WICHITA	
DEPARTMENT OF PUBLIC WORKS	
TRAFFIC ENGINEERING DIVISION WM. G. MCKINLEY P.E.	SCALE: 10' = 30' NO SCALE SHEET/OF