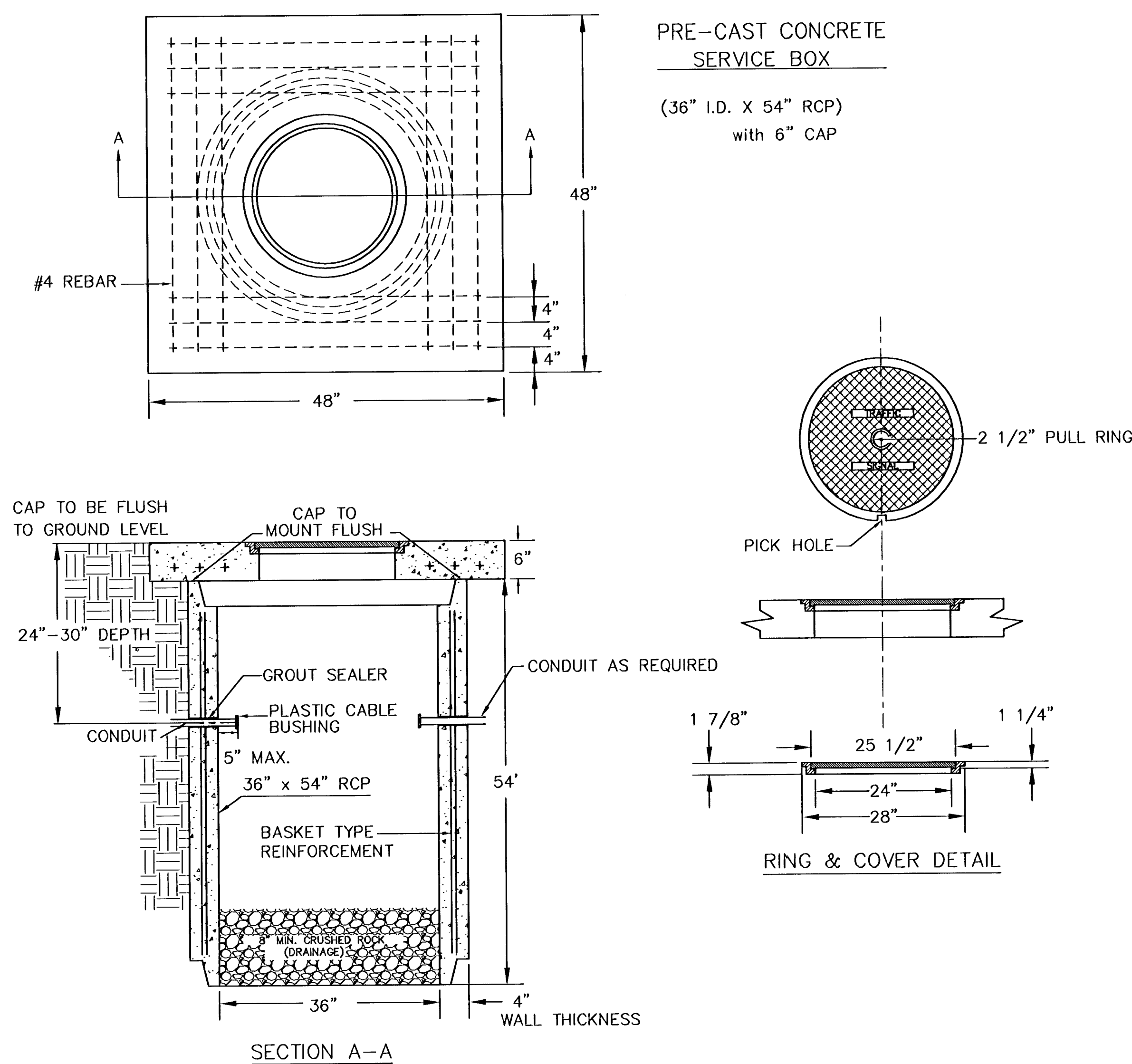
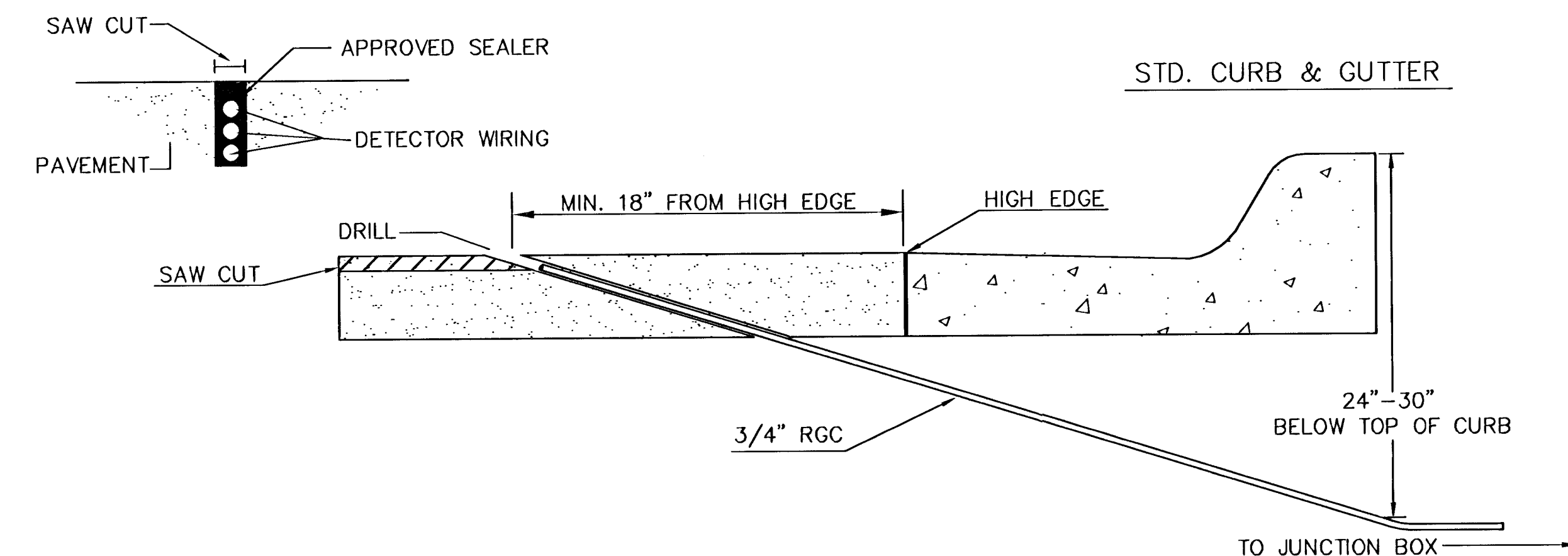


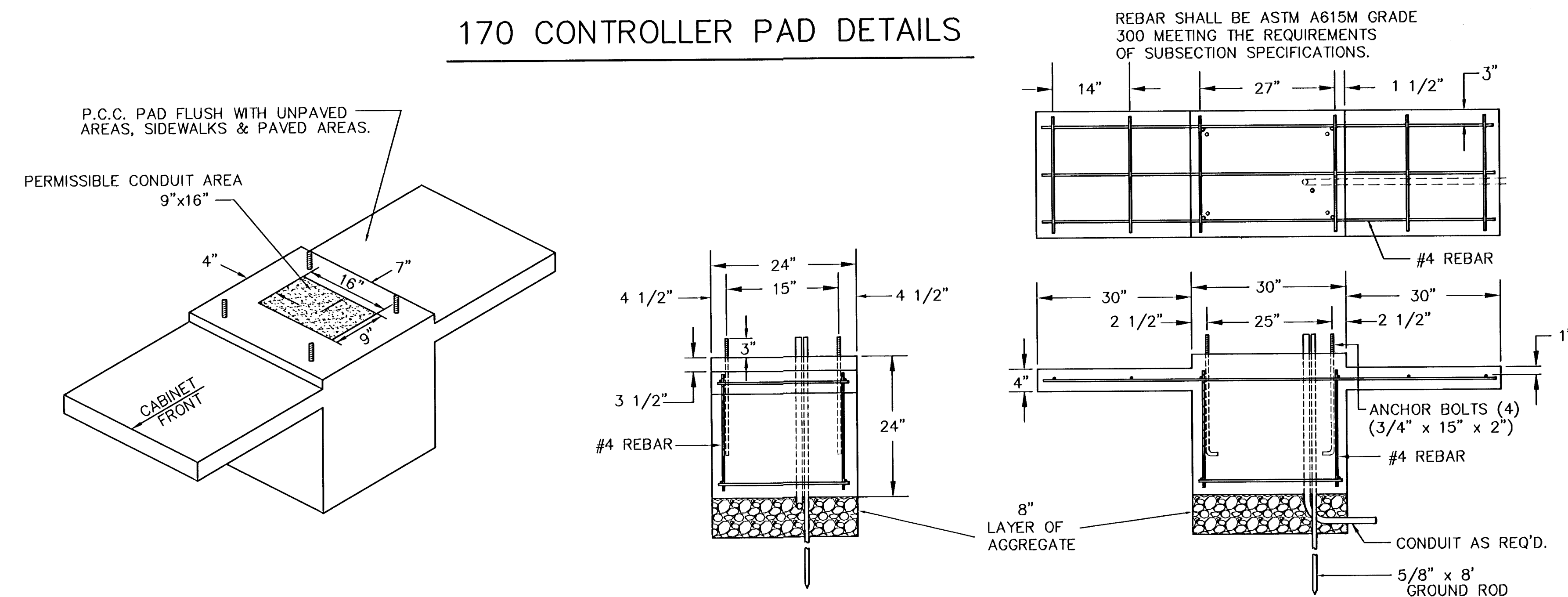
SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



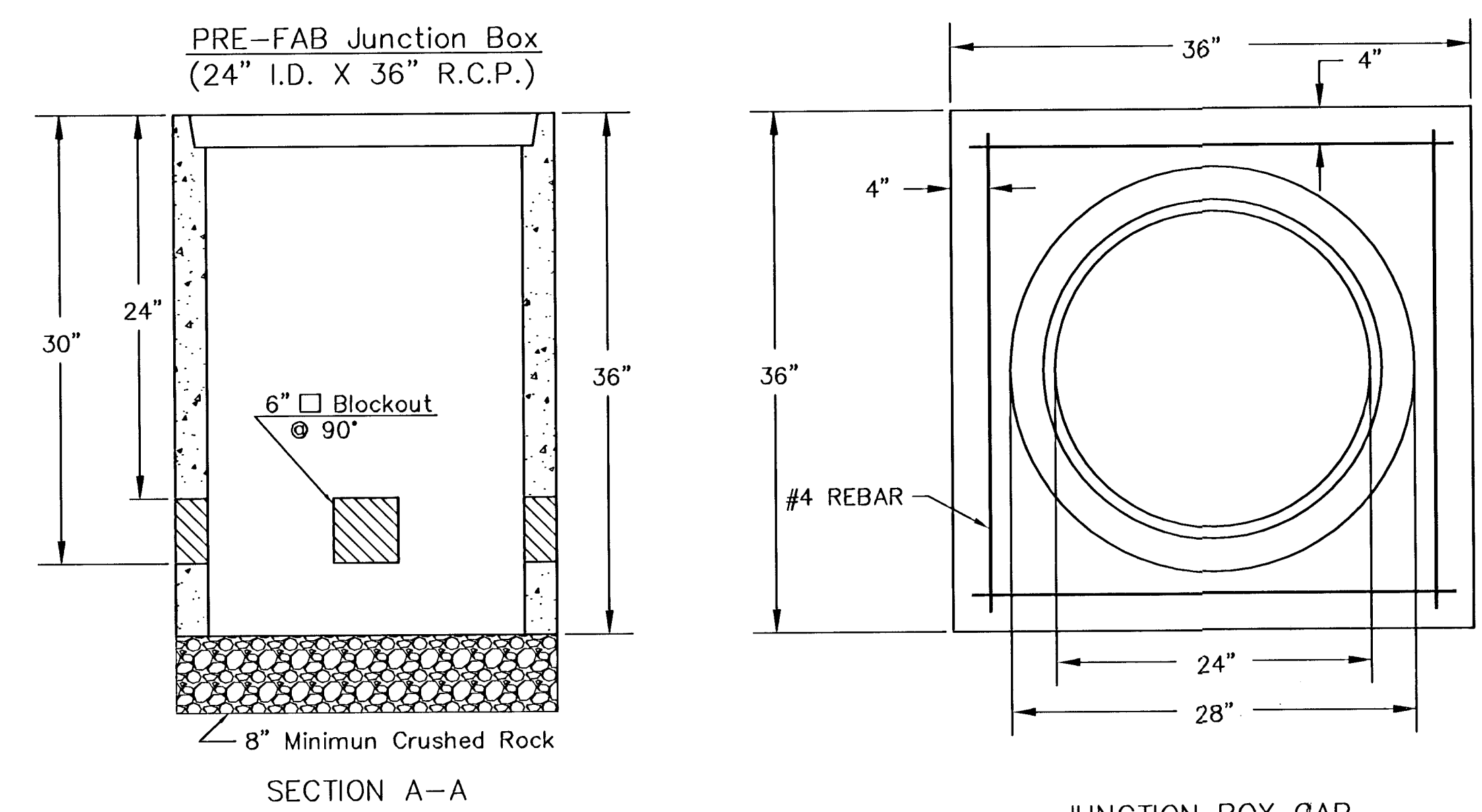
CONDUIT/DETECTOR WIRE INSTALLATION DETAILS



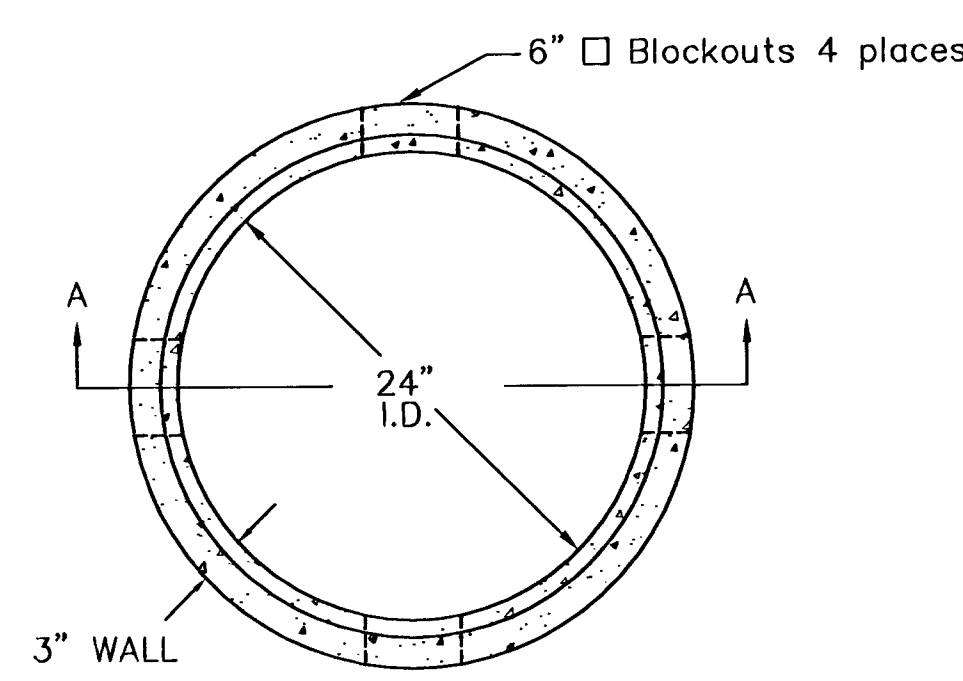
170 CONTROLLER PAD DETAILS



JUNCTION BOX DETAILS



JUNCTION BOX GAP  
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:
- 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 30" MINIMUM WITH ROCK & STUBBLE FREE BACKFILL TO SERVE AS BEDDING MATERIAL. MAINTAIN MINIMUM CONDUIT DEPTH IN TRENCH.
  - BACKFILL TO BE COMPACTED IN 6" LOOSE LIFTS BY HAND OR MECHANICAL TAMPING TO A 95% STANDARD DENSITY.
- CONDUIT:
- SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
  - 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 |
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|-------------------------------------------------------------------------------|------------------|-------------------|
| PROJECT DESCRIPTION                                                           |                  |                   |
| <b>SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS</b> |                  |                   |
| PROJECT NUMBER                                                                |                  |                   |
| DRAWN BY: T.M.                                                                | APPROVED BY      | REVISED:          |
| DATE: Apr. 98                                                                 |                  | DATE:             |
| CITY OF WICHITA                                                               |                  |                   |
| DEPARTMENT OF PUBLIC WORKS                                                    |                  |                   |
| TRAFFIC ENGINEERING DIVISION                                                  |                  | SCALE: 4/8        |
| WM. G. MCKINLEY P.E.                                                          | TRAFFIC ENGINEER | NO SCALE SHEET/OF |