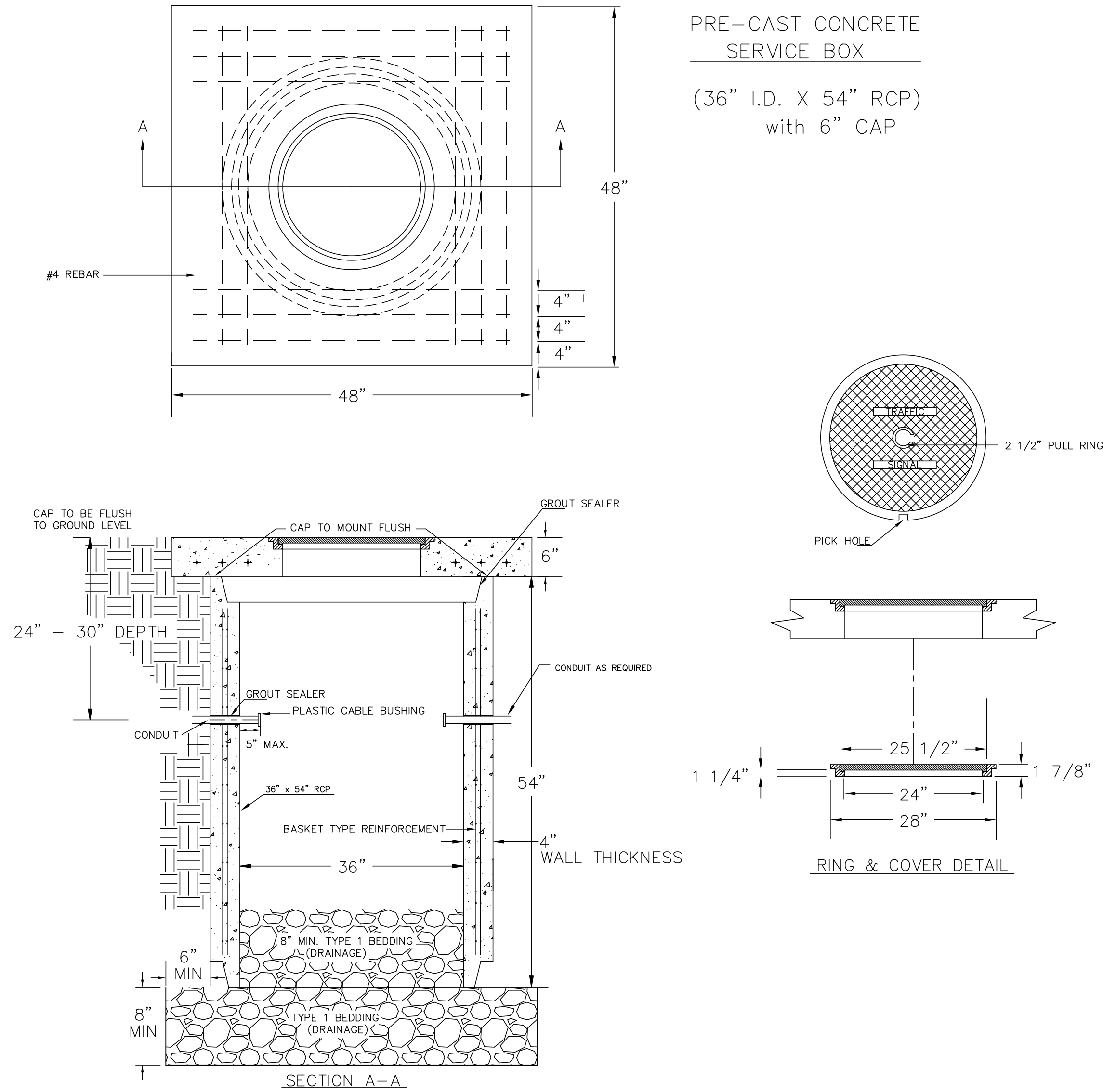
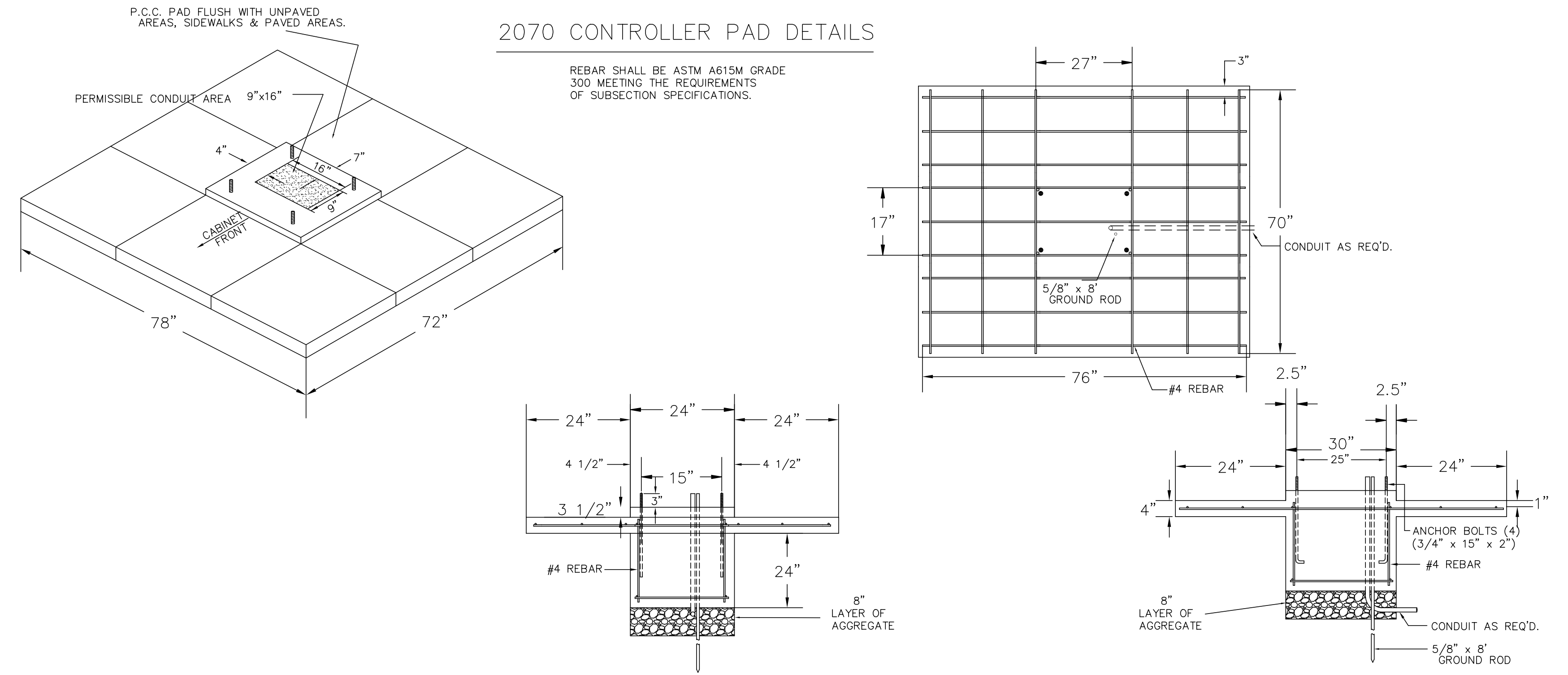


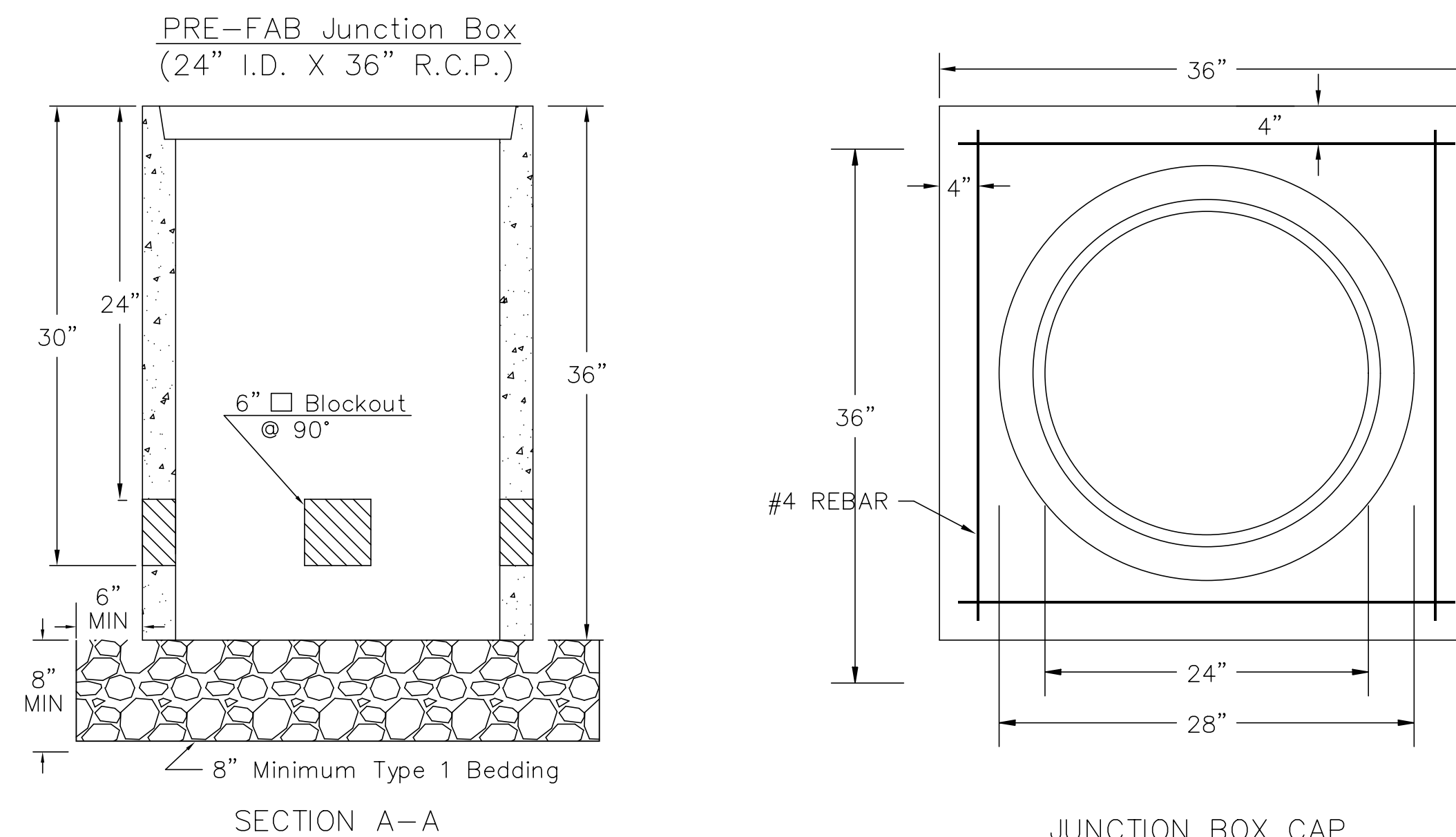
# SERVICE BOX CONSTRUCTION/INSTALLATION DETAILS



# 2070 CONTROLLER PAD DETAILS



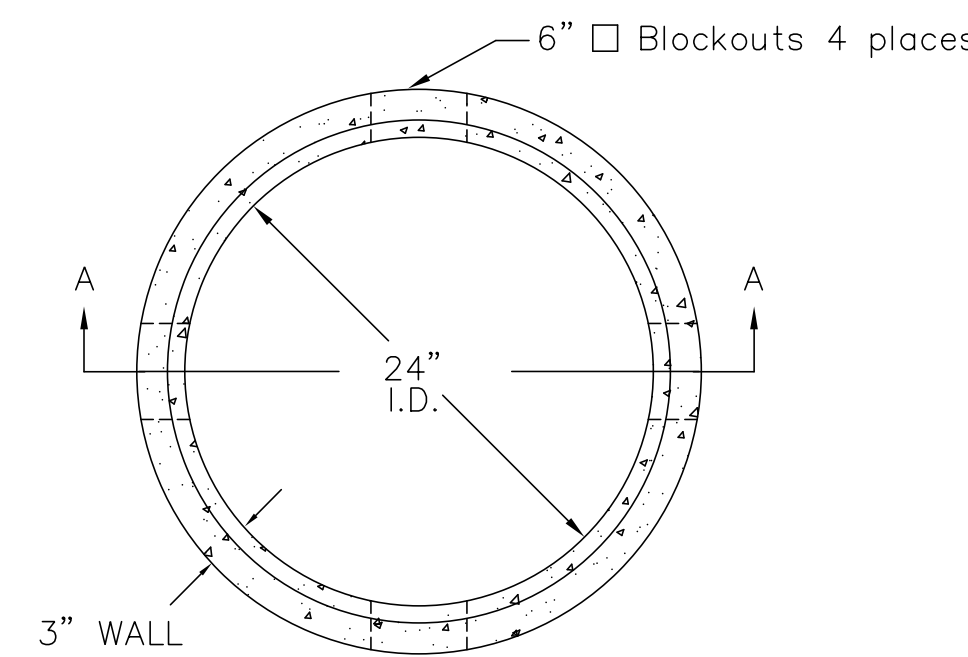
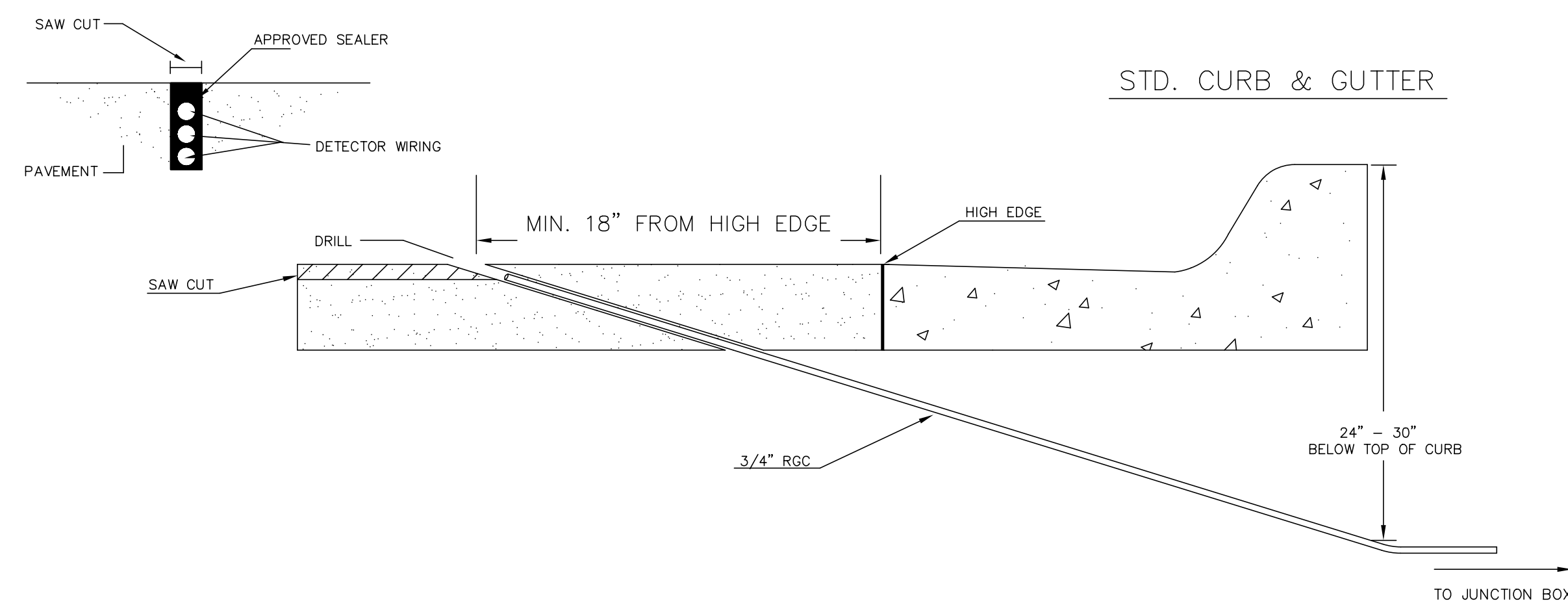
# JUNCTION BOX DETAILS



# NOTES:

- SERVICE & JUNCTION BOX:**
- CONDUIT CONNECTION TO BE FLUSH TO WITHIN 5" 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 8" 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.  
2" " " " BTWN. SERVICE BOX AND POLE.  
1 1/4" " " " BTWN. SERVICE & JUNCTION BOXES.  
3/4" " " " BTWN. JUNCTION BOXES.  
3/4" " " " BTWN. JUNCTION BOX & DETECTOR LOOP SAW CUT

# CONDUIT/DETECTOR WIRE INSTALLATION DETAILS



\*\* SEE SERVICE BOX INSTALLATION FOR RING & COVER DETAILS.

REVISED 12/2013

Sheet 12 of 12 - 2013 85905 AM by BFE  
 Plan Scale 1" = 8' - 2013 10/27/50 AM by BFE  
 CITY STANDARD Standards Wichita Traffic TR-109 Service Box and Controller Pad

**SERVICE/JUNCTION BOX,  
CONTROLLER PAD  
CONSTRUCTION/INSTALLATION**

TRAFFIC ENGINEER  
**BRIAN COON, P.E.**

PROJECT NUMBER	OCA NUMBER	DATE
472-85066	707041	

CITY ENGINEER'S OFFICE  
CITY HALL - SEVENTH FLOOR  
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WICHITA, KANSAS 67202-1620  
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SHEET  
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