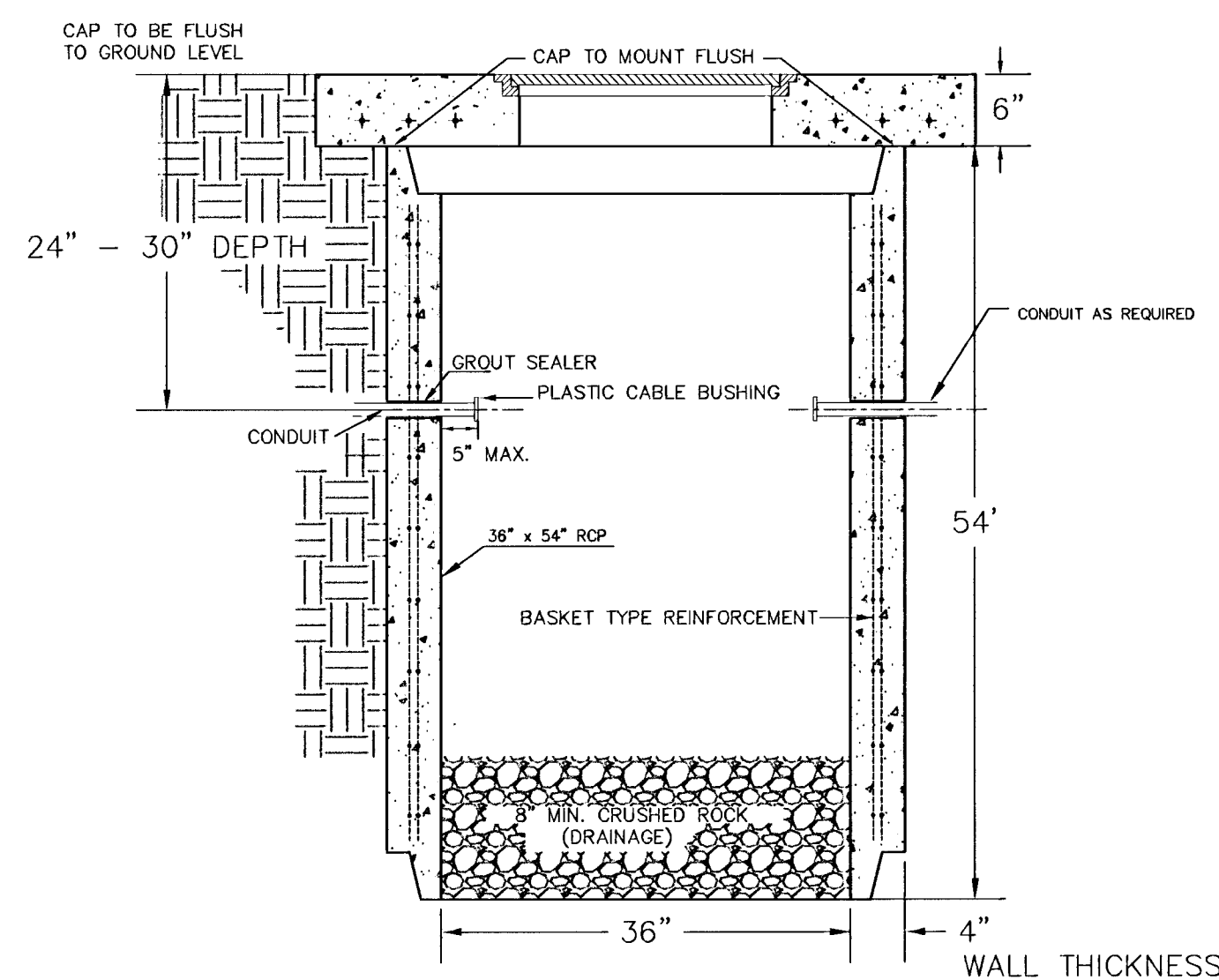
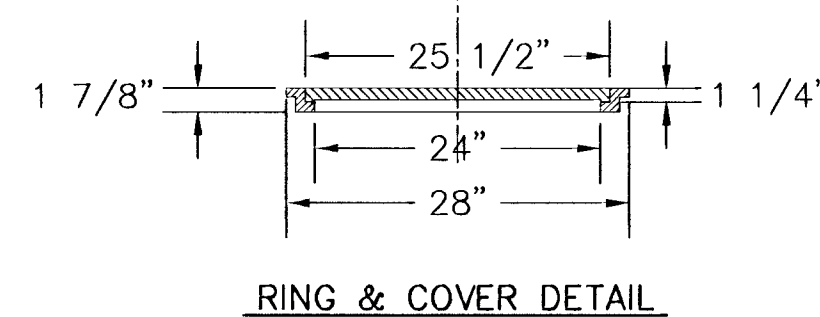
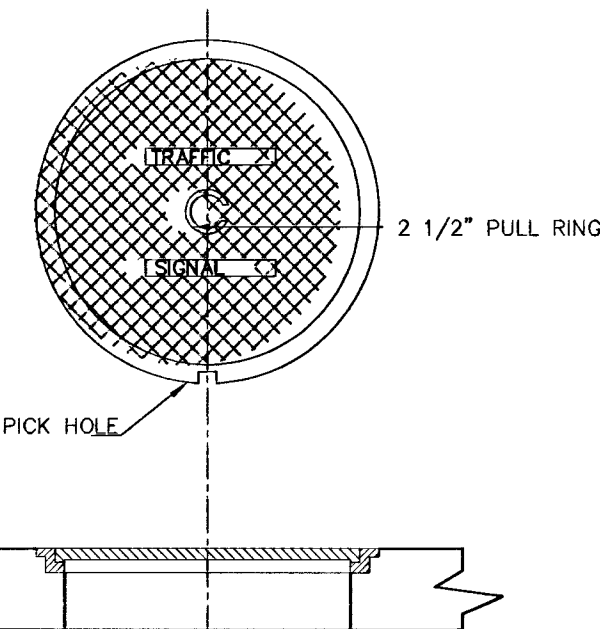
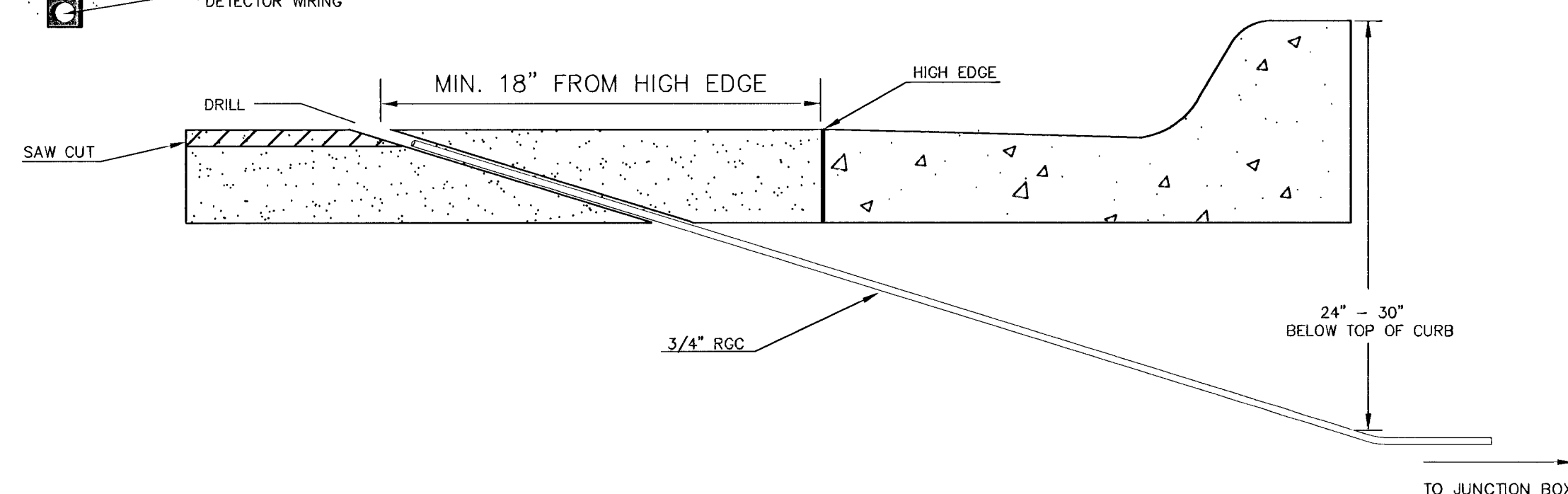


Figure 1 is a plan view of a circular structure. It features a central circle surrounded by several concentric circles. The outermost circle is defined by a dashed line. Inside this, there are several solid lines representing different layers or boundaries. The entire structure is overlaid on a grid. The grid has a central square area, and the circles are centered within this square. The overall dimensions of the grid are 48 inches by 48 inches, as indicated by the dimension lines at the bottom and right. The dimension lines are labeled '48"'. There are also smaller dimension lines on the right side, labeled '4"', '4"', and '4"', indicating the spacing between the concentric circles. A label 'A' with an arrow points to the right side of the grid.

(36" I.D. X 54" RCP)
with 6" CAP



SECTION A-A



P.C.C. PAD FLUSH WITH UNPAVED AREAS, SIDEWALKS & PAVED AREAS.

PERMISSIBLE CONDUIT AREA
9"x16"

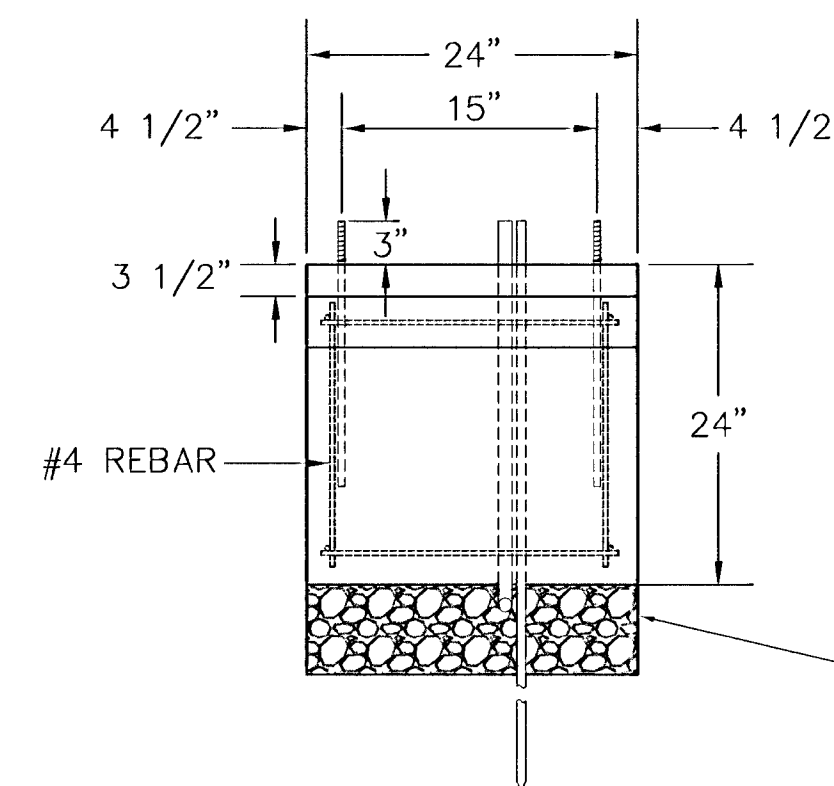
4"

16"

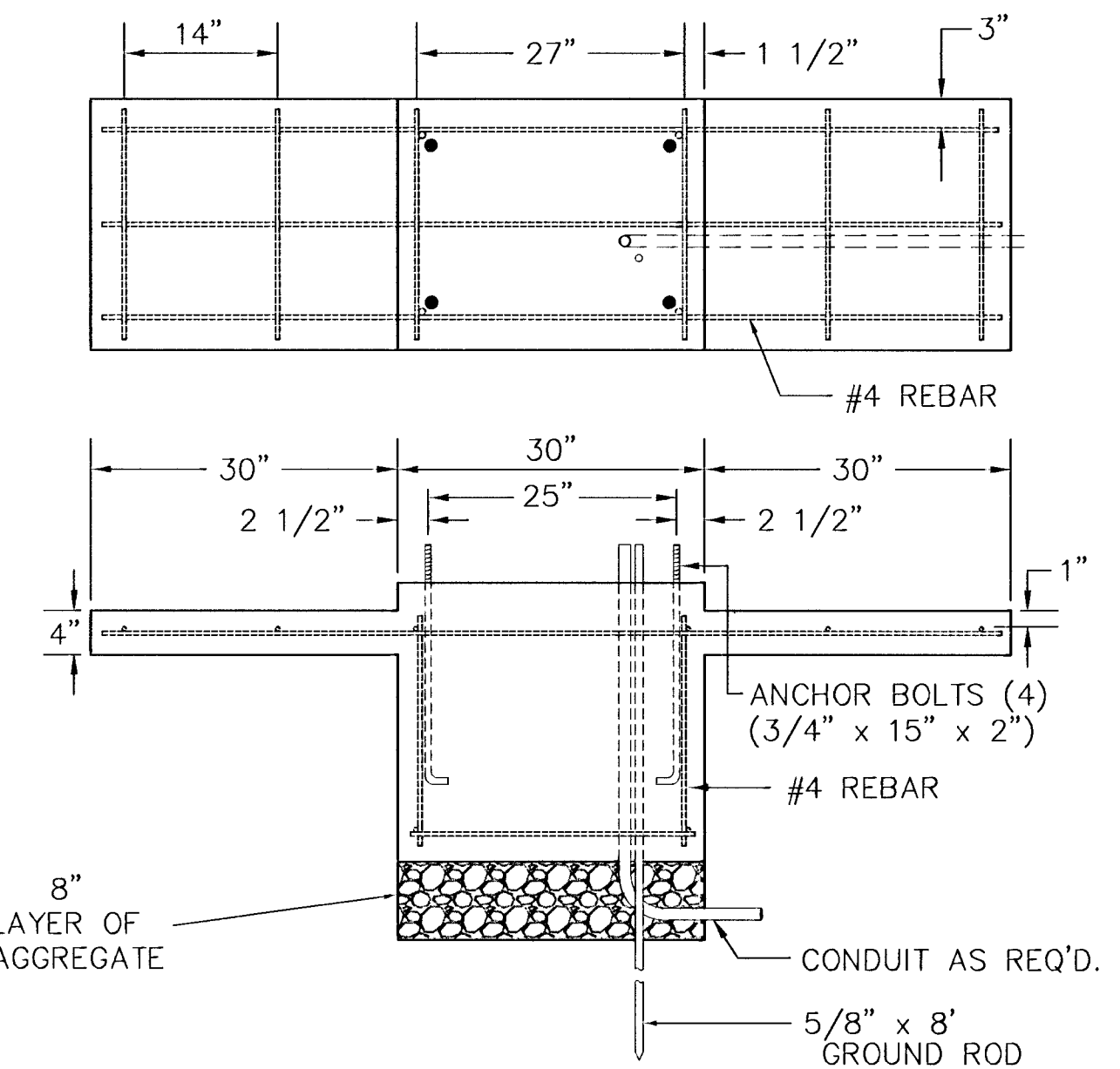
7"

9"

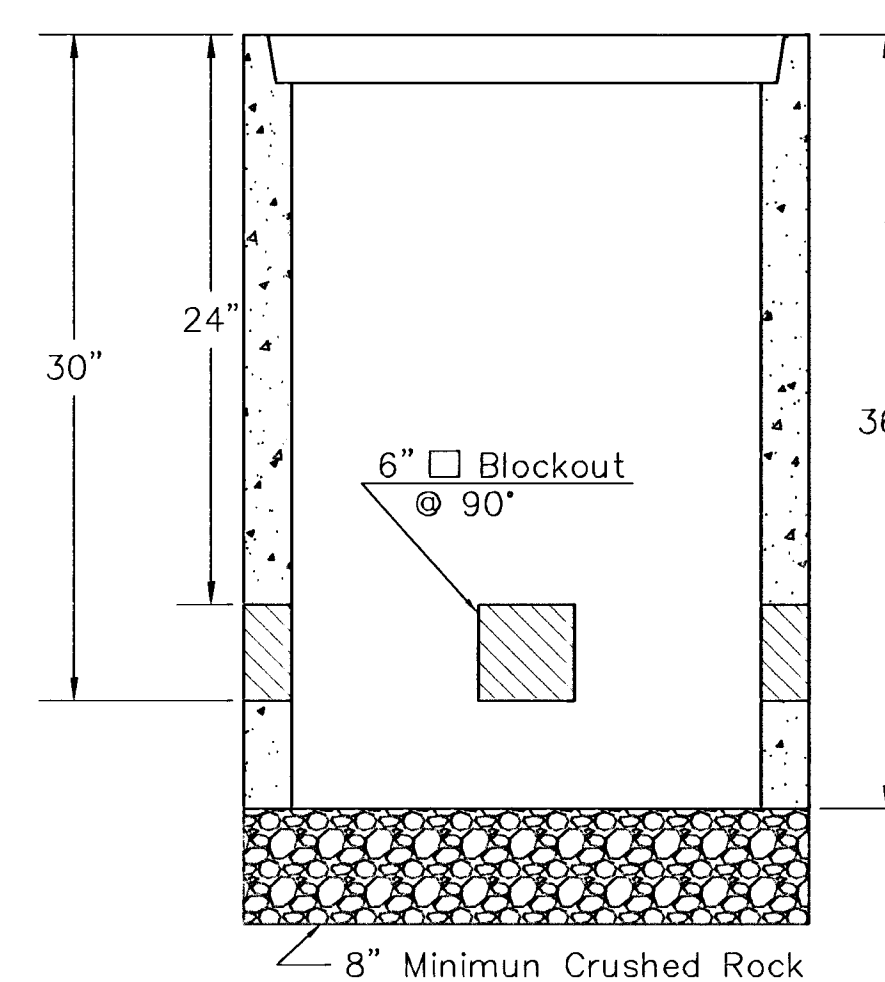
CABINET FRONT



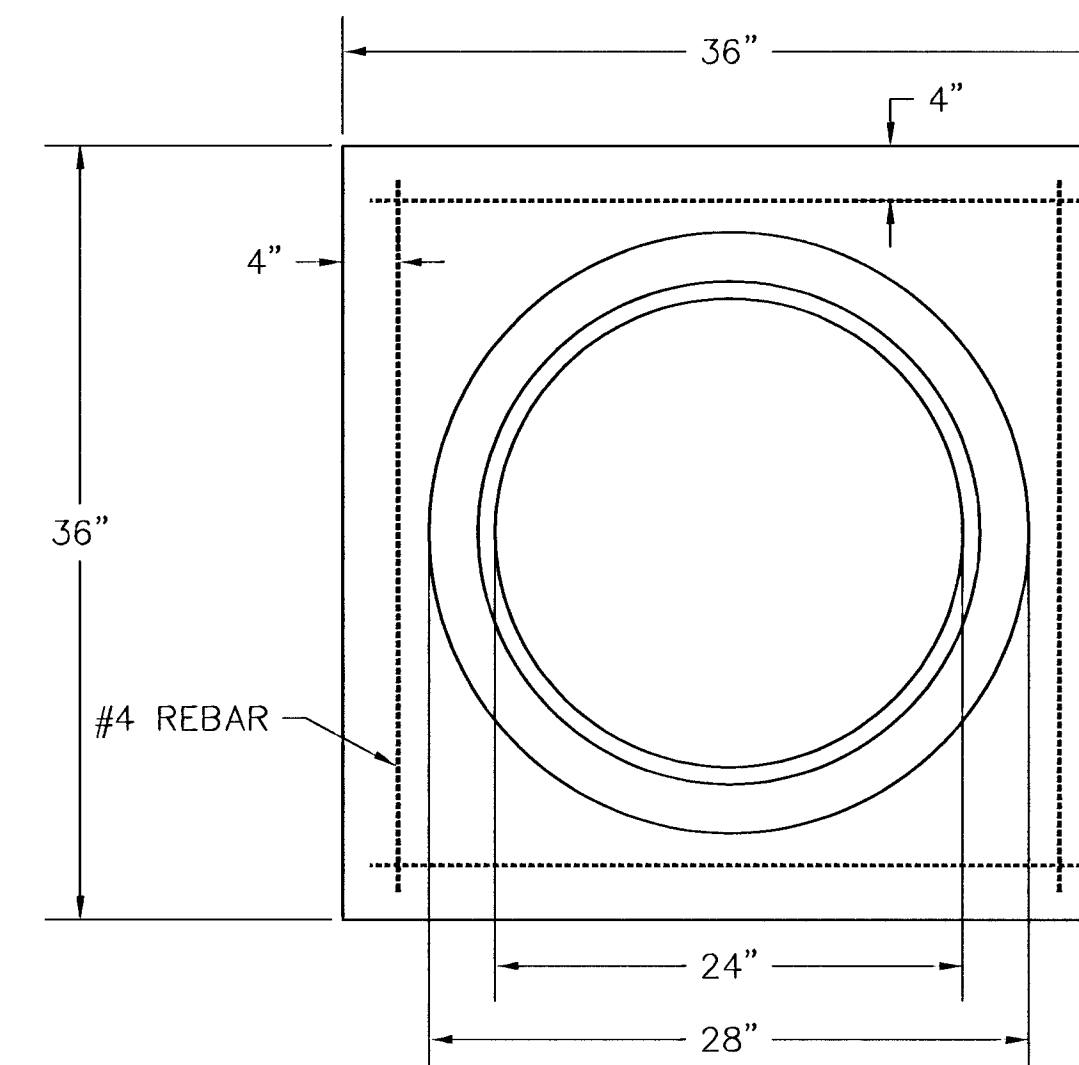
REBAR SHALL BE ASTM A615M GRADE 300 MEETING THE REQUIREMENTS OF SUBSECTION SPECIFICATIONS.



PRE-FAB Junction Box
(24" I.D. X 36" R.C.P.)

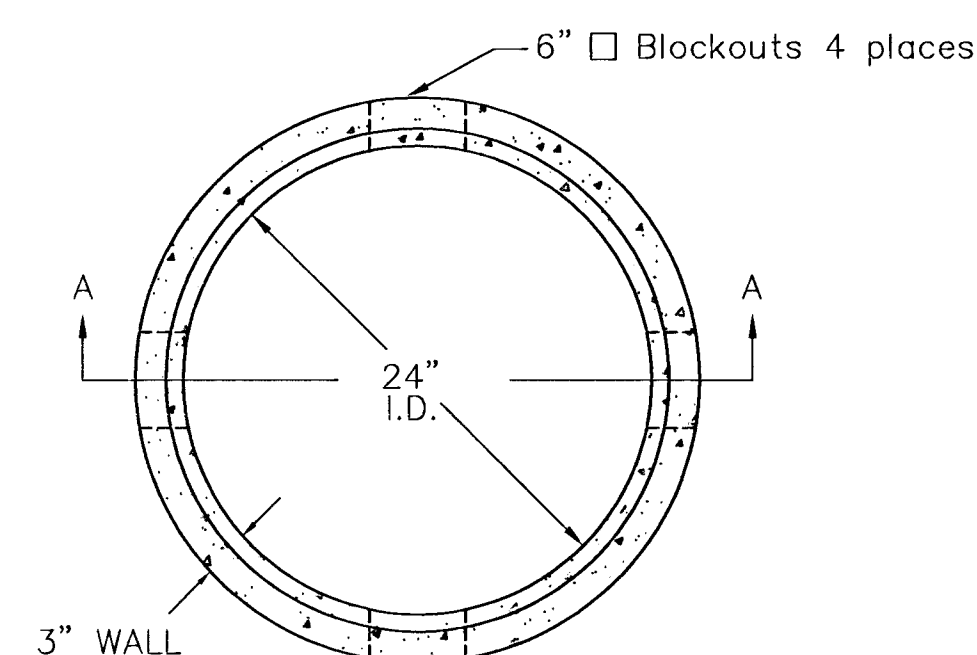


SECTION A-A



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.

SERVICE & JUNCTION BOX:

1. CONDUIT CONNECTION TO BE FLUSH TO WITHIN 5" 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 8" 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

[illegible]

PROJECT NUMBER 472-83372			SHEET NAME SB-DTL		ENGINEERING DIRECTORY F:\kelog_ga\traffic	
DESIGN STAFF	DRAWN STAFF	APPROVED STAFF	DATE April 01	SCALE NONE	BAUGHMAN NO 01-01-E914	

SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS



BAUGHMAN COMPANY, P.A.
ENGINEERING, SURVEYING, & PLANNING
316-262-7271 • 315 ELLIS • WICHITA, KANSAS 67211

SHEET
18
—OF
46