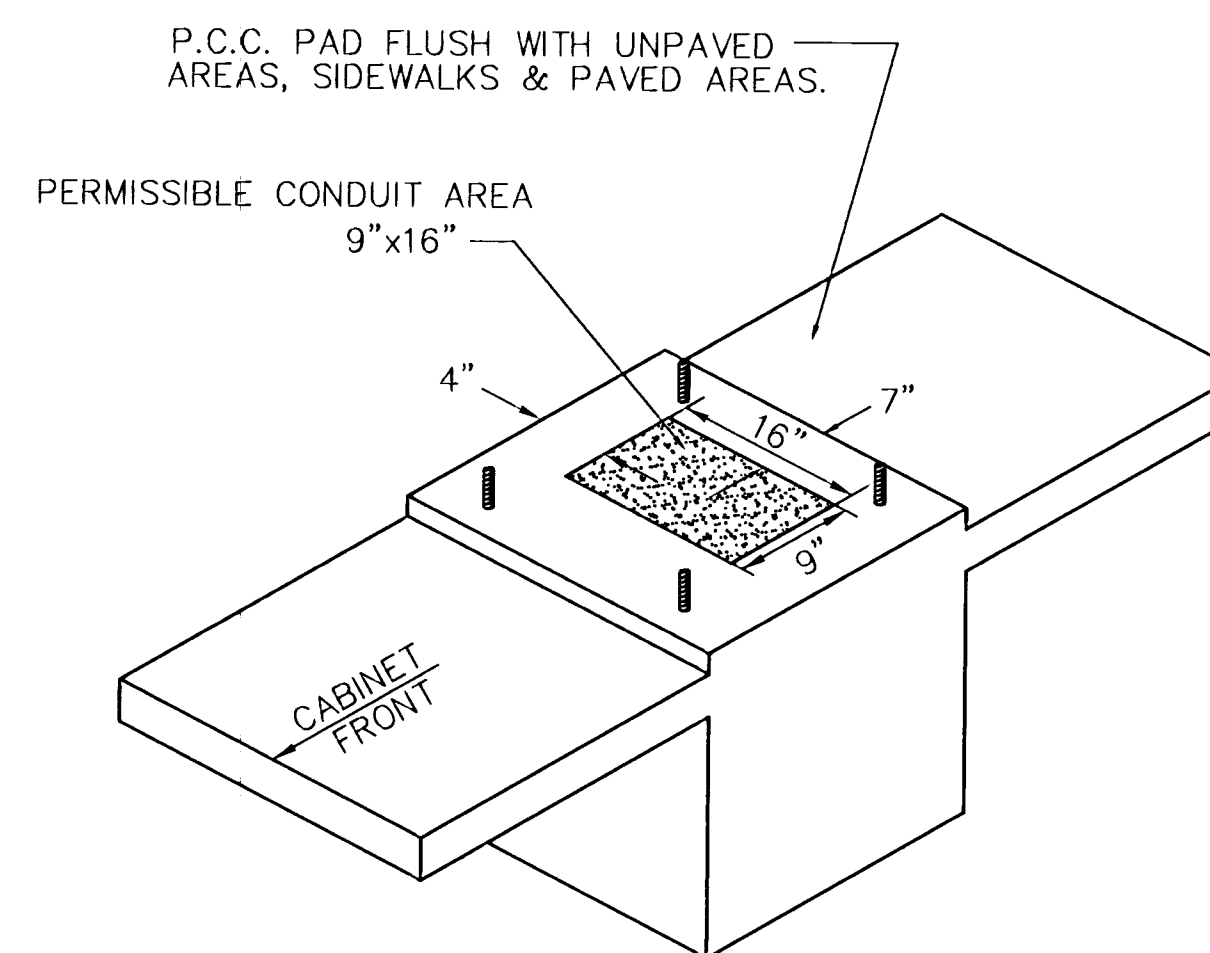




REBAR SHALL BE ASTM A615M GRADE 300 MEETING THE REQUIREMENTS OF SUBSECTION SPECIFICATIONS.

14" 27" 1 1/2" 3"

#4 REBAR

30" 30" 30"

2 1/2" 25" 2 1/2"

4" 1"

ANCHOR BOLTS (4)
(3/4" x 15" x 2")

#4 REBAR

8" LAYER OF AGGREGATE

CONDUIT AS REQ'D.

5/8" x 8' GROUND ROD

Diagram illustrating the cross-section (SECTION A-A) of a PRE-FAB Junction Box. The box is labeled "PRE-FAB Junction Box (24" I.D. X 36" R.C.P.)". The diagram shows the box structure, including the top flange, side walls, and base. Dimensions are indicated: 30" total height, 24" height to the top of the box, and 36" height to the top of the box. A 6" square blockout is shown at 90 degrees. The base is labeled "8" Minimum Crushed Rock".

36" x 36" x 6"
TOP OF CAP TO BE FLUSH WITH
GROUND LEVEL.

SERVICE & JUNCTION BOX:

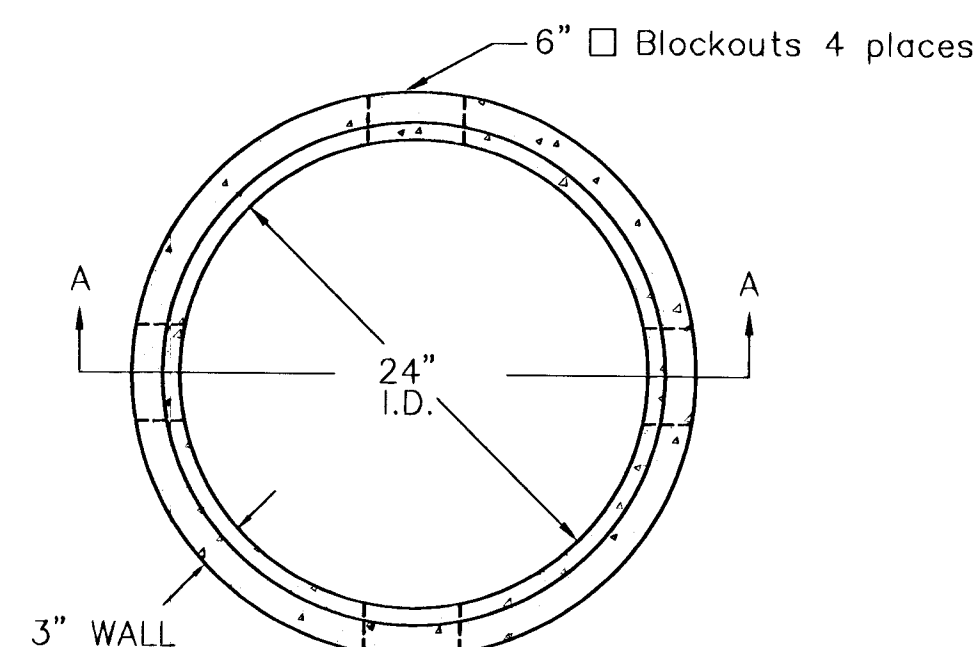
1. CONDUIT CONNECTION TO BE FLUSH TO WITHIN 5" OF INSIDE FACE OF SIDE WALL, CONDUIT TO DRAIN INTO SERVICE BOX.
2. CONDUIT CONNECTIONS TO SERVICE BOX SHALL BE TERMINATED WITH PLASTIC CABLE BUSHING.
3. CONDUIT SHALL BE SEALED WITH APPROVED SEALER AT INSIDE WALL FACE.
4. ALL SERVICE & JUNCTION BOXES TO 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



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

[illegible]

PROJECT DESCRIPTION		SB-DTL	1"
SERVICE/JUNCTION BOX, CONTROLLER PAD CONSTRUCTION/INSTALLATION DETAILS			
PROJECT NUMBER			
472-82966			
DRAWN BY: T.M.		APPROVED BY:	REVISED:
DATE: Apr. 96			DATE:
CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS			
TRAFFIC ENGINEERING DIVISION		SCALE 1" = 1'	
WM. G. MCKINLEY P.E.	TRAFFIC ENGINEER	NO SCALE	