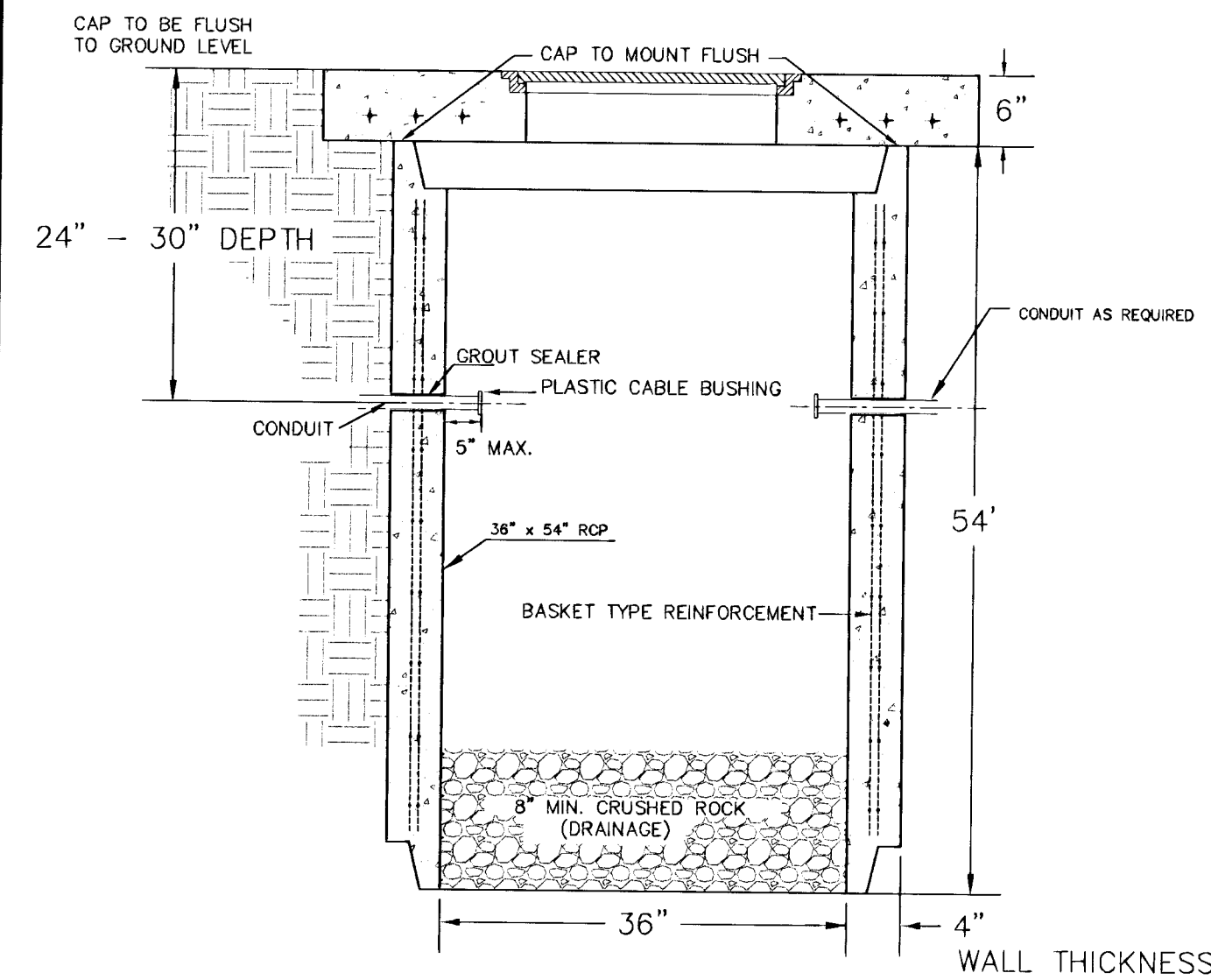
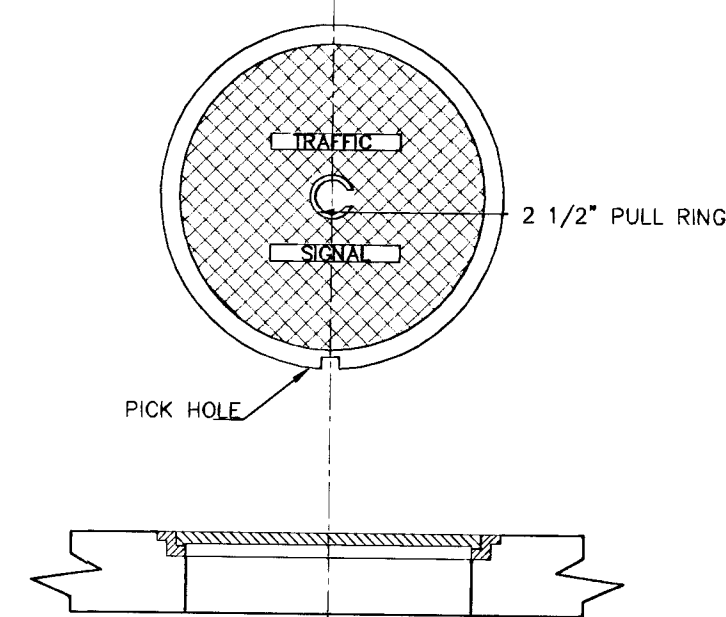


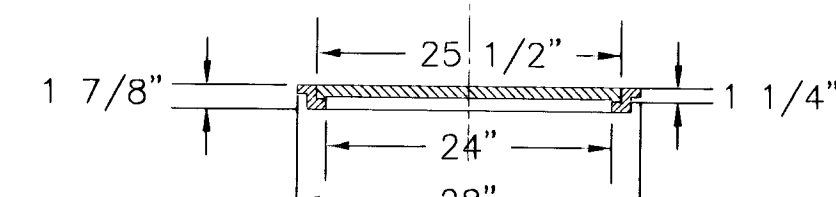
(36" I.D. X 54" RCP)
with 6" CAP



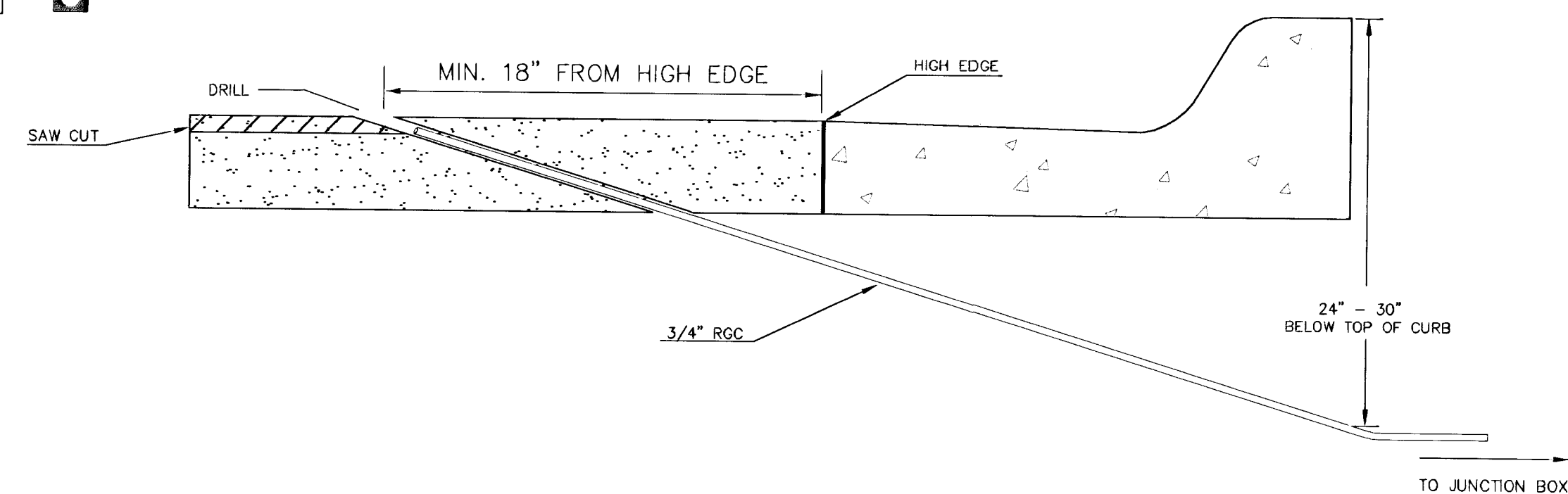
SECTION A-A



RING & COVER DETAIL



STD. CURB & GUTTER



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

PERMISSIBLE CONDUIT AREA
9"x16"

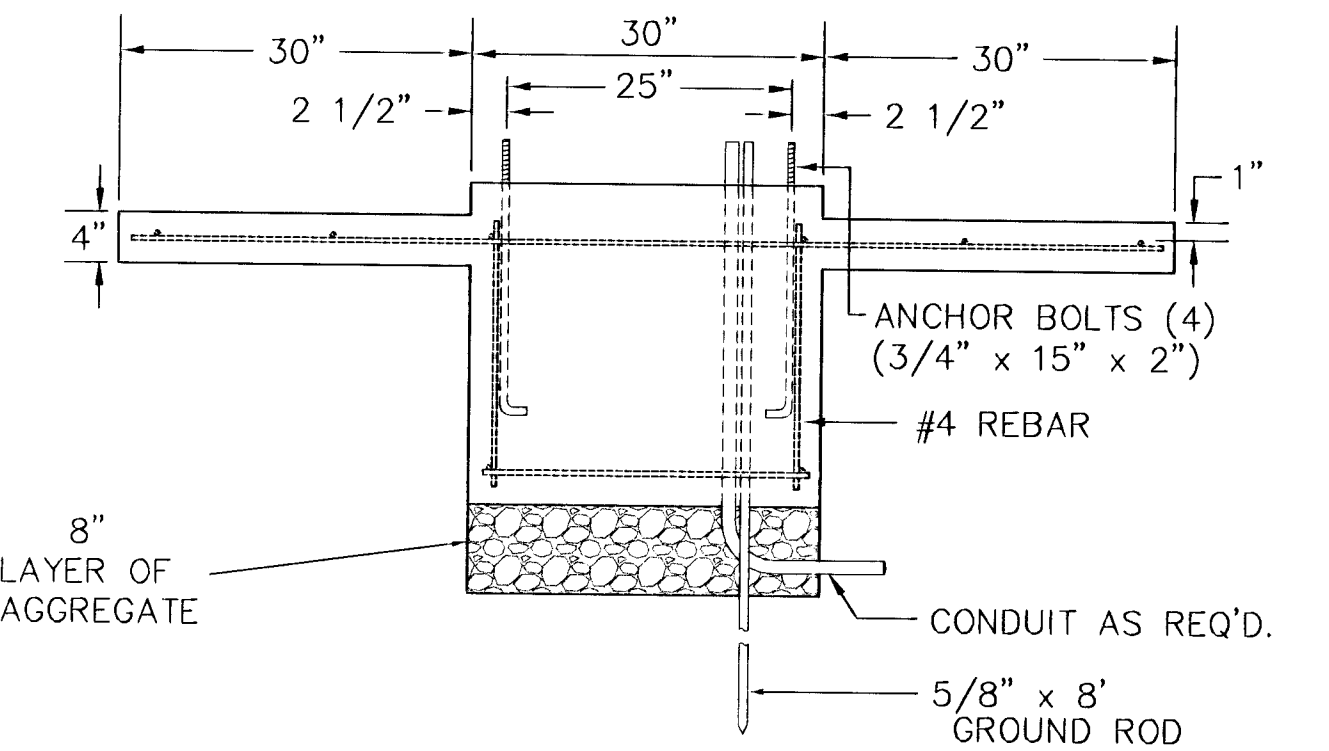
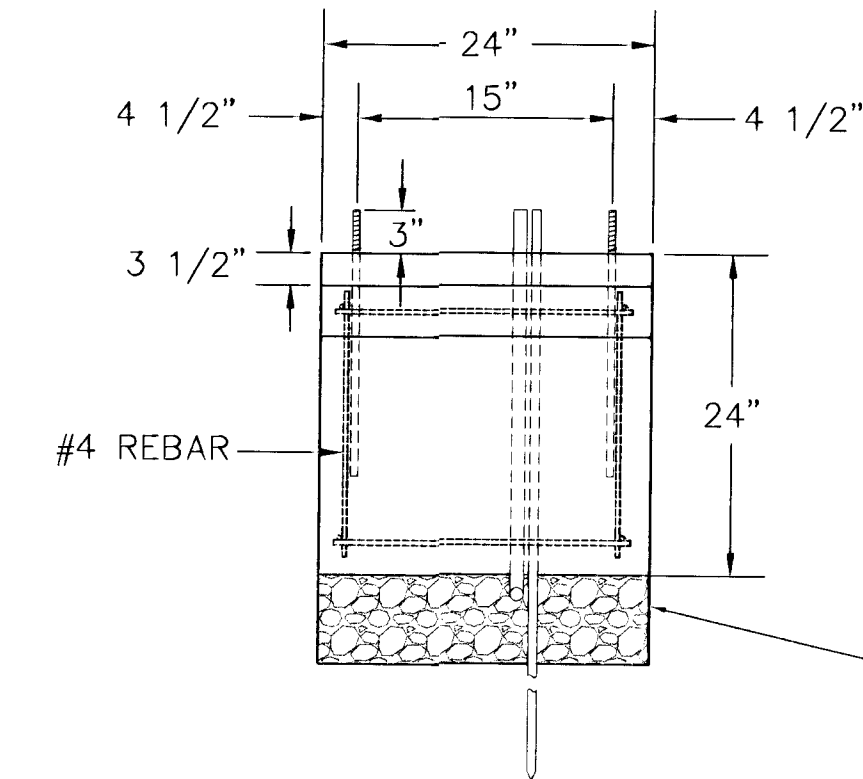
4"

7"

16"

9"

CABINET FRONT



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

30"

24"

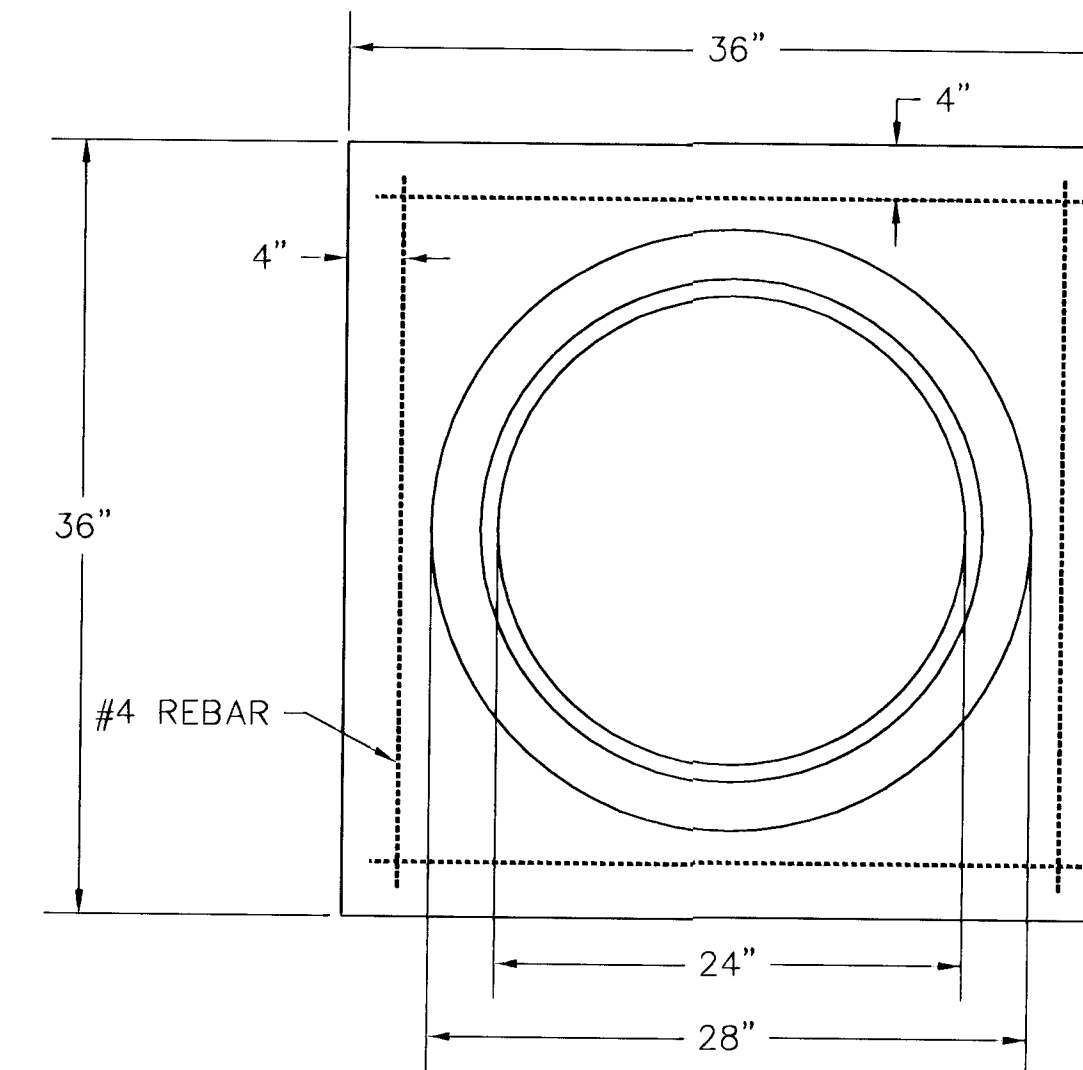
6" □ Blockout
⊕ 90°

36"

8" Minimum Crushed Rock

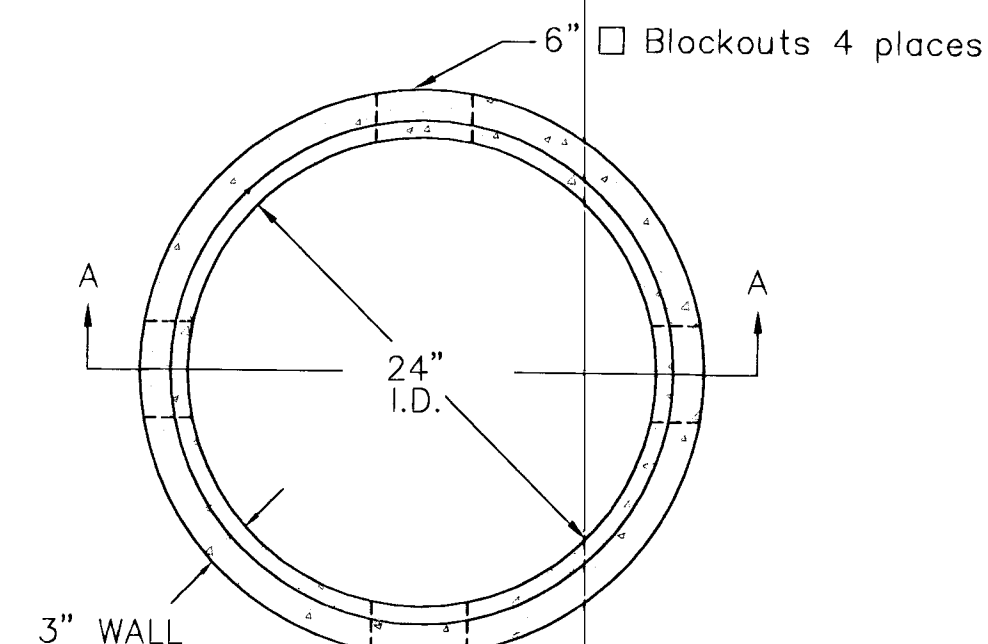
Detailed description: This is a technical cross-section drawing of a 'PRE-FAB Junction Box'. The box is cylindrical with an internal diameter of 24 inches and is installed within a 36-inch diameter R.C.P. (Rigid Concrete Pipe). The drawing shows the box sitting on a base of 8 inches of crushed rock. The box has a total height of 30 inches. The top flange has a thickness of 1 inch. The main body of the box has a wall thickness of 1/2 inch. There are two 6-inch square blockouts, one on the front and one on the side, both oriented at 90 degrees. The blockouts are 1/2 inch thick. The drawing uses various line styles to represent different materials and features, including hidden lines for the internal structure of the blockouts.

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 City of Wichita			SHEET NAME SB-DTL		ENGINEERING DIRECTORY F:\CENTRAL\TRAFFIC	
DESIGN SONNY	DRAWN STAFF	APPROVED	DATE FEB 2002	SCALE NONE	BAUGHMAN NO 99-09-F463	

CAPITAL IMPROVEMENT PROJECT
**SERVICE/JUNCTION BOX, CONTROLLER PAD
 CONSTRUCTION/INSTALLATION DETAILS**
 CENTRAL AVENUE - TYLER to WOODLICK

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