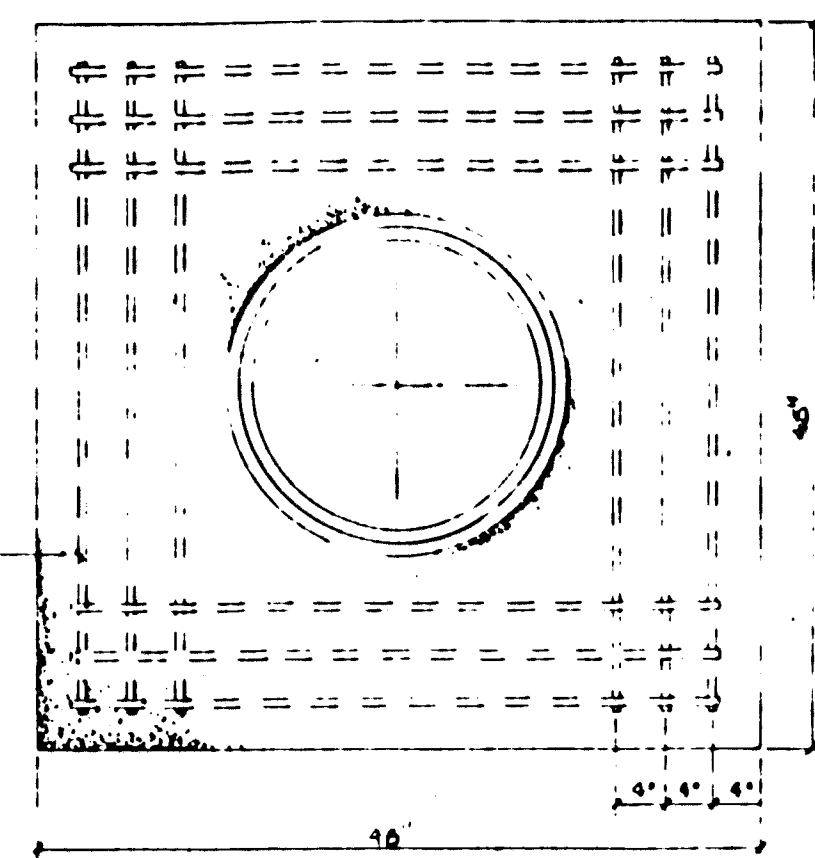
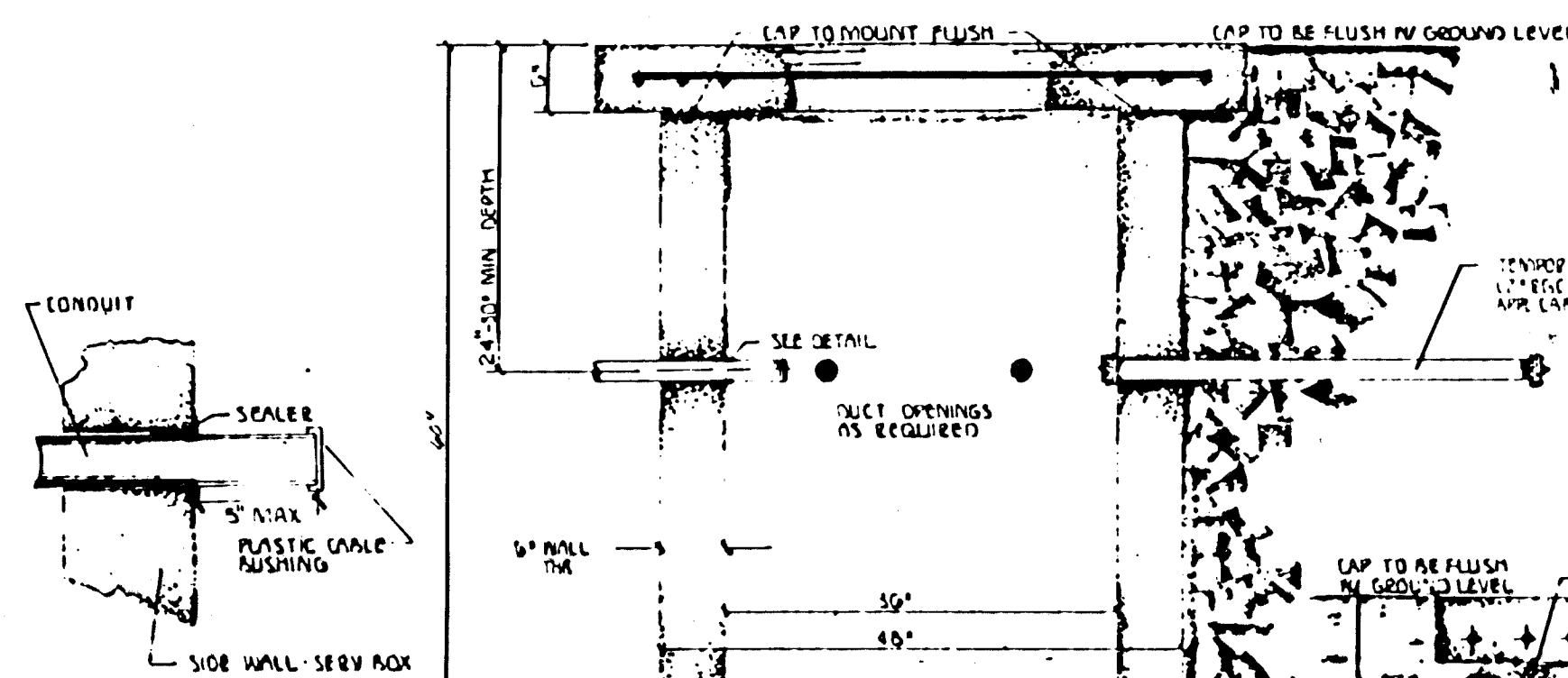


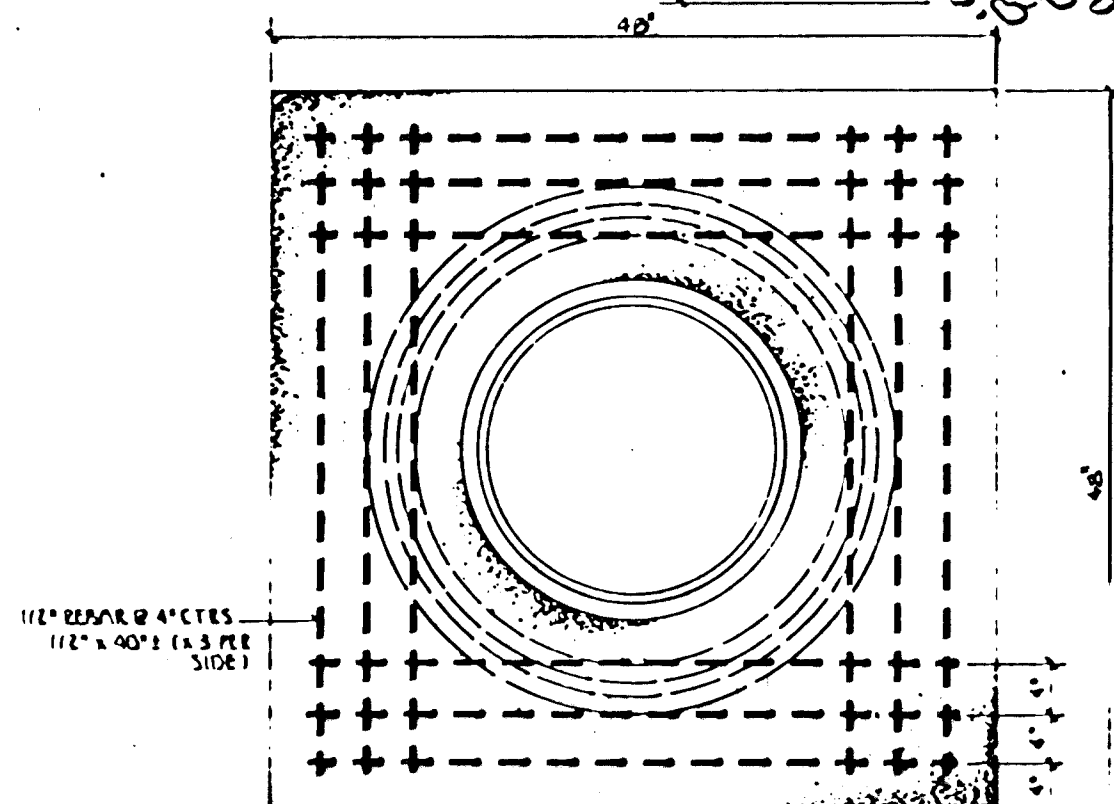
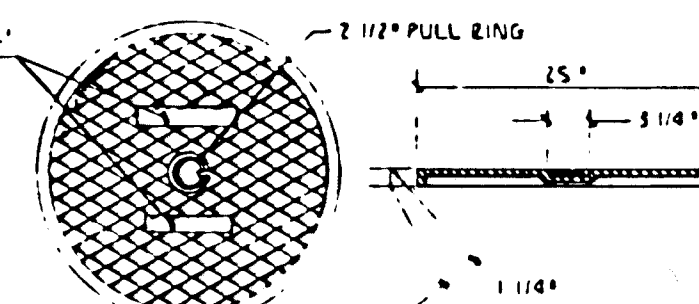
STD. CONC. SERVICE BOX
(48" x 48" x 54" BOX)
6" CAP



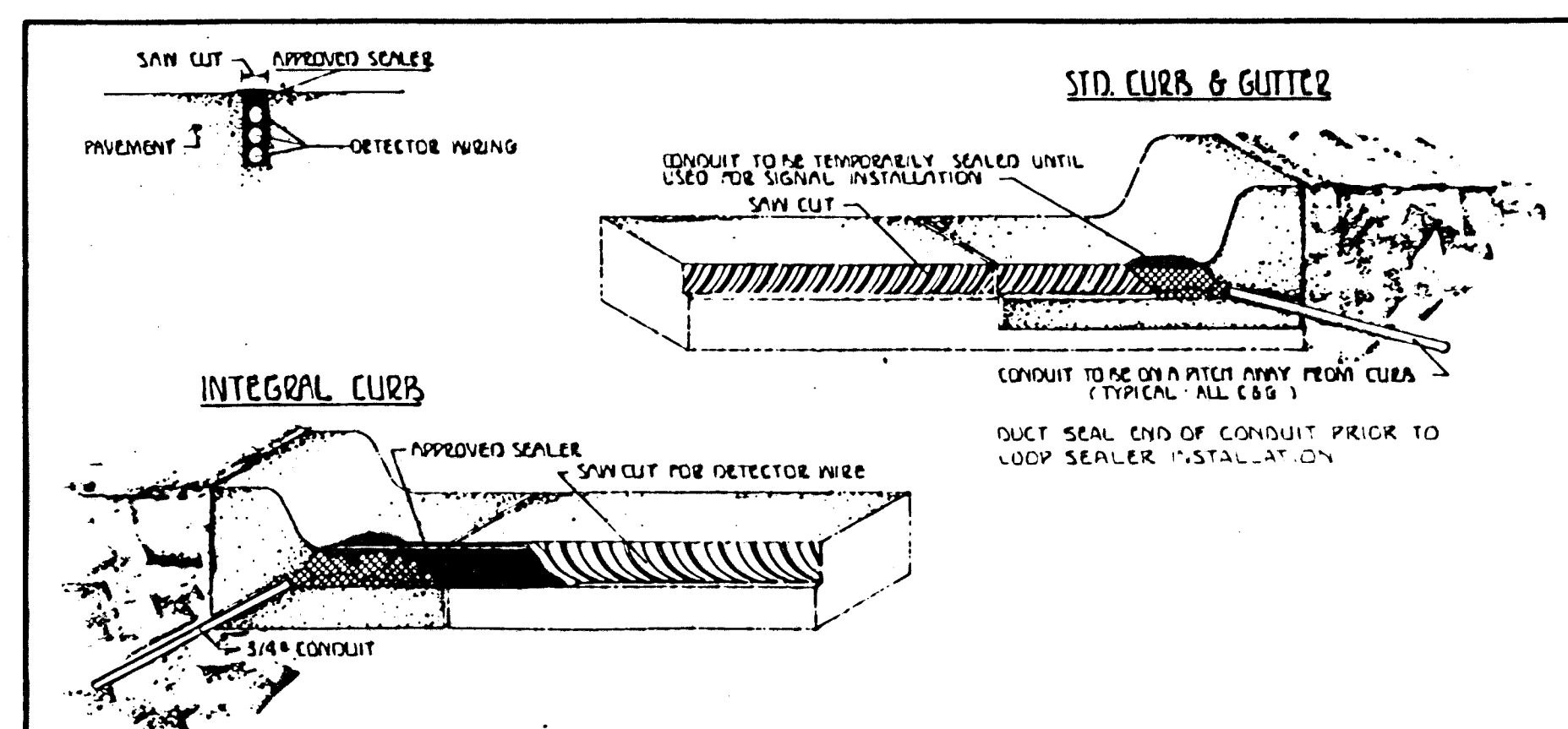
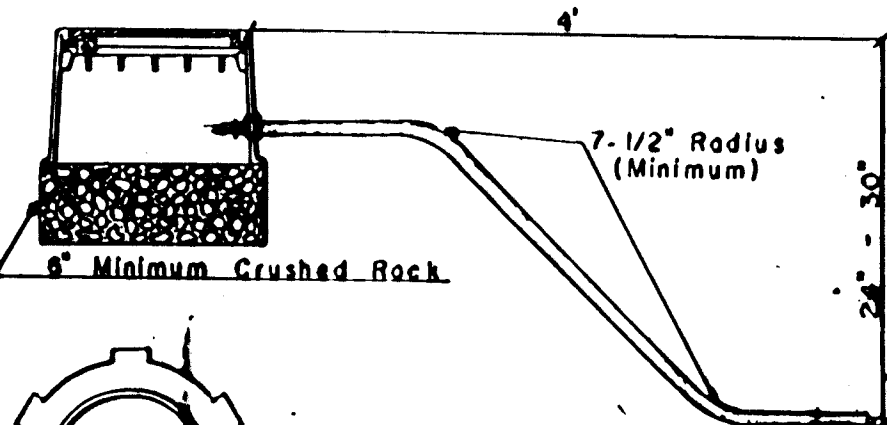
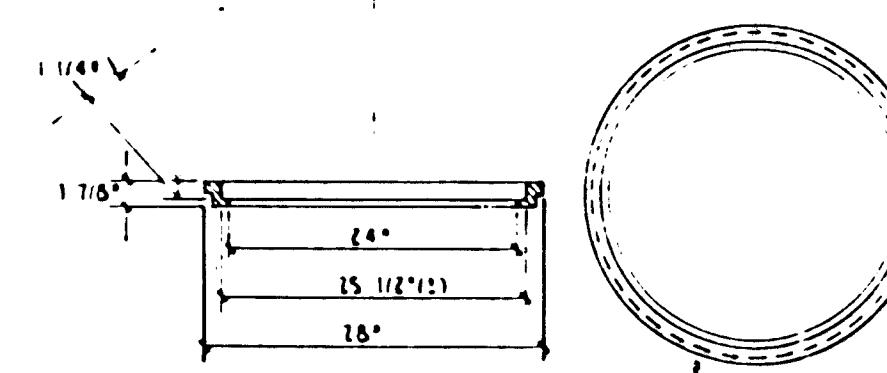
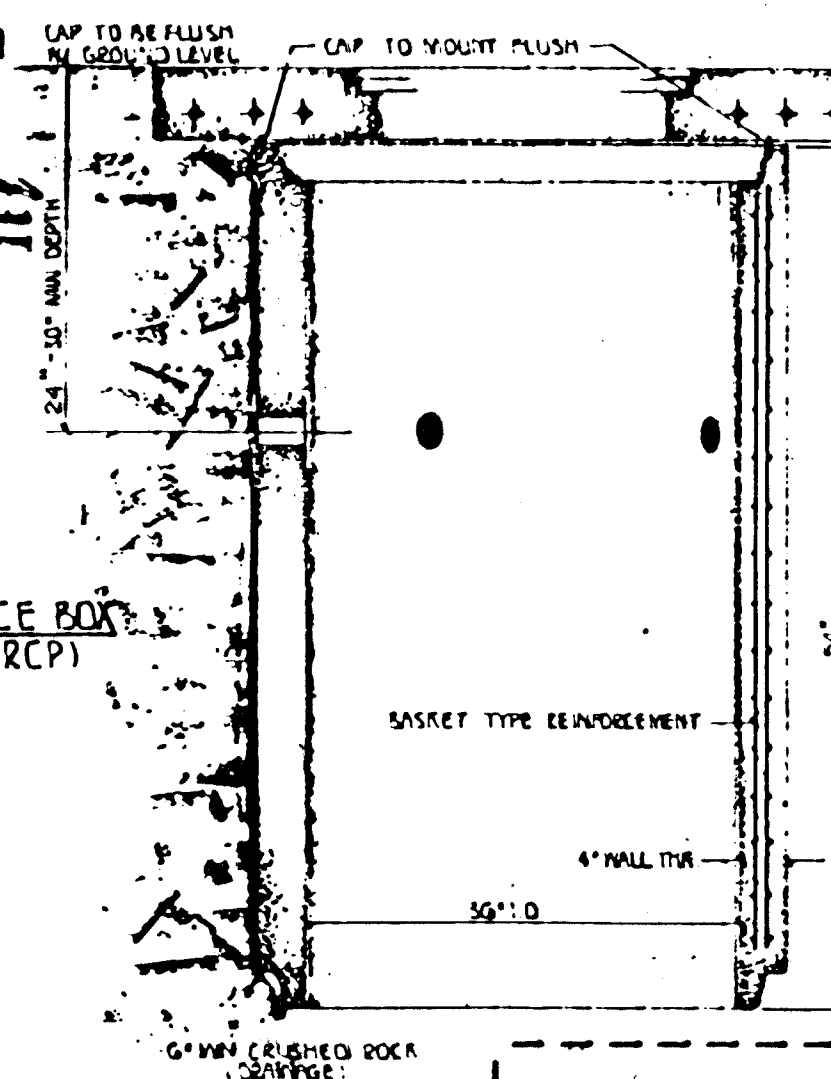
Technical drawing of a circular component. The top view shows a circle with a central crosshair. Dimensions are indicated below the circle: $\varnothing 118^{\circ}$, $13 \frac{3}{4}^{\circ}$, $\varnothing 6^{\circ}$, and $23 \frac{1}{4}^{\circ}$. A cross-section view on the right shows a circular cross-section with a hatched interior. A dimension of $1 \frac{5}{8}^{\circ}$ is indicated for the cross-section.



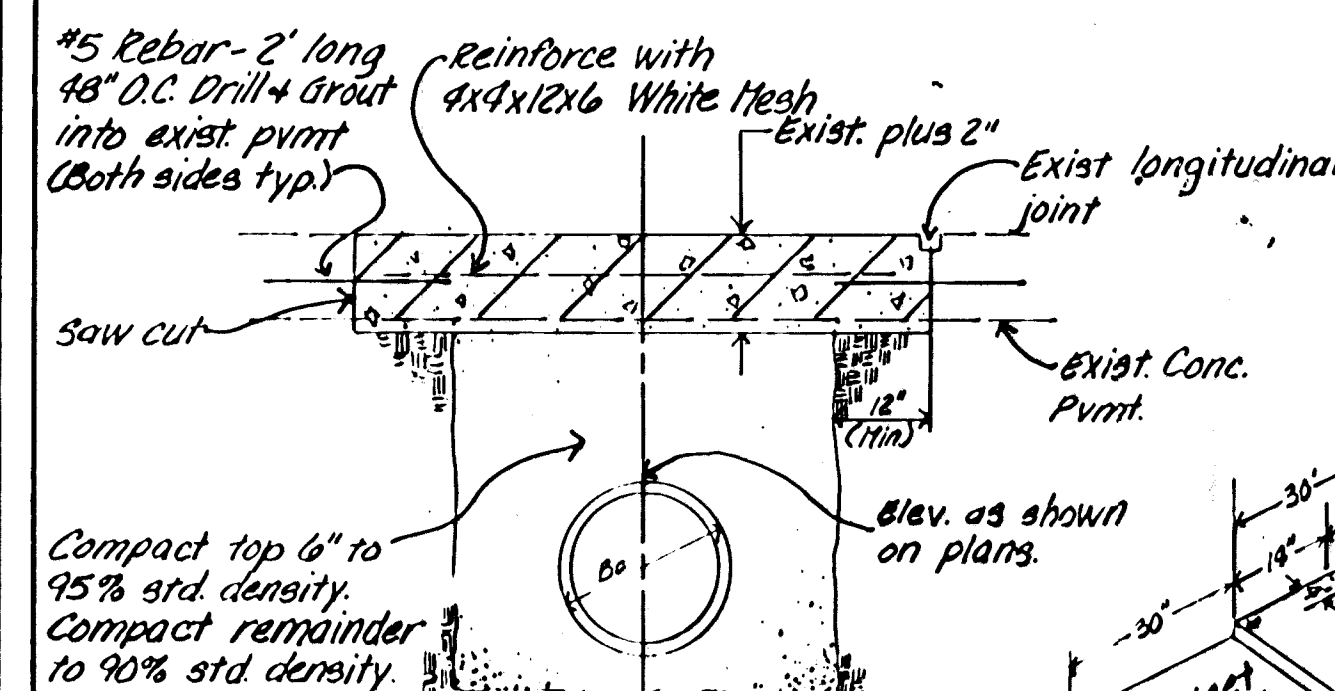
WALKWAY RING & SOLID COVER
(CAST IRON)



PRE-FAB SERVICE BOX
(36" I.D. x 54" RCP)
6" CAP



#5 Rebar - 2' long
48" O.C. Drill + Grout
into exist. pvtmt
(Both sides typ.)

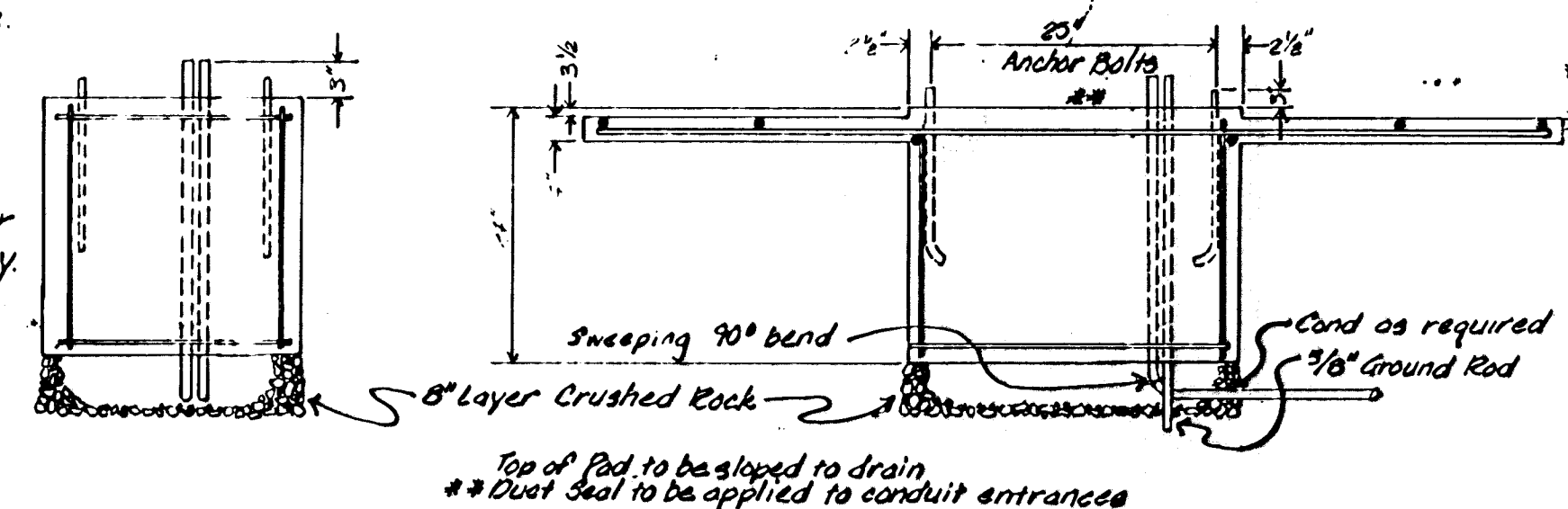


ASPHALT SURFACE ON
CONCRETE BASE
PERMANENT

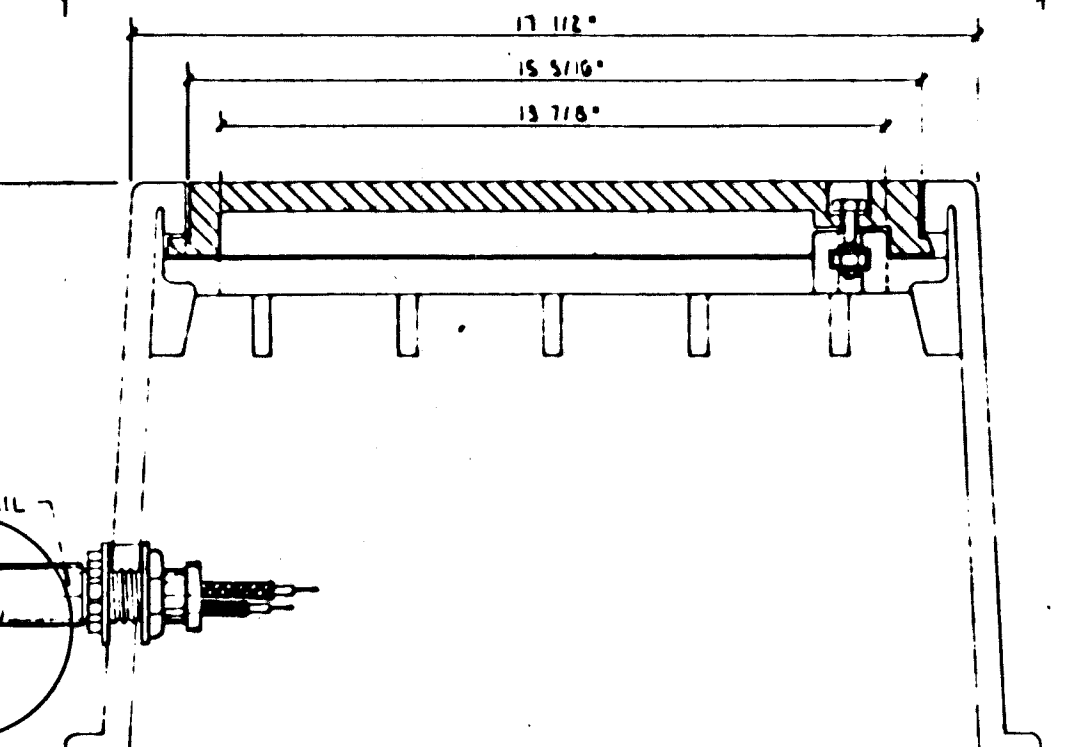
Diagram showing the elevation view of the concrete slab. The slab is 30" wide and 27" deep. The reinforcement consists of #4 rebar. The top reinforcement is spaced at 19" and the bottom reinforcement is spaced at 19". The total depth of the slab is 27". The width of the slab is 30". The reinforcement is shown as circles with a cross, indicating the rebar location. The top reinforcement is labeled "19\" and the bottom reinforcement is labeled "19\". The total depth is labeled "27\" and the width is labeled "30\". The reinforcement is labeled "#4 Rebars".

Note: Construct Contraction Joints perpendicular to conduit at approximately 30' O.C. such that they match contraction joints in existing pavement.

Anchor Bolts typ. (4 ea, 3/4 x 15 x 2)

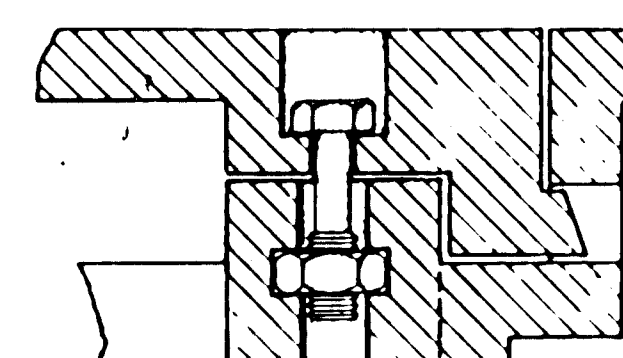


Technical drawing of a rectangular object, likely a component of a machine. The object features a diamond-shaped mesh pattern. A circular feature, possibly a hole or a fastener, is located on the right side. The drawing includes dimension lines and a scale bar at the bottom, indicating a length of 5.6 units. The object is framed by a double-line border.



JUNCTION BOX TYPICAL
FASTENER ASSEMBLY
DETAIL (BOX LID)

* Conduit bends for detector feeder runs not to exceed 45°.



SERVICE BOX:

1. CONDUIT CONNECTION TO BE FLUSH TO WITHIN 5" OF INSIDE FACE OF SIDE WALL WITH ABILITY TO DRAIN CONDUIT 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. A PRE-CAST SERVICE BOX WITH OPEN BOTTOM WILL BE ACCEPTED AS ALTERNATE SUBJECT TO APPROVAL BY ENGINEER.

JUNCTION BOX:

1. BOX TO BE INSTALLED FLUSH WITH GROUND LEVEL (VARIABLE WITH BOX HEIGHT.)
2. A.B.S.(PLASTIC) JUNCTION BOX TO BE USED. OTHER DESIGNS OF SIMILAR SIZE & SHAPE MAY BE USED AS ACCEPTABLE ALTERNATIVE, SUBJECT TO APPROVAL.

TRENCHING:

1. CONDUIT DEPTH TO BE 30" MINIMUM AS SHOWN WITH ROCK & STUBBLE-FREE BACKFILL TO SERVE AS BENDING MAT'L. 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.
3. SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
4. 3" RIGID GALV. STL. CONDUIT • BETWEEN SERV. BOXES.
 1 1/4" " " " " • BTWN. SJR & JUNC. BOXES
 3/4" " " " " • BTWN. JIR & CURB FACE

REVISION DATE	COMMENTS	BY
Mar 88	get 11 more copies	WJG
Mar 8	Classified	WJG
Mar 87	Product Design	WJG

PROJECT DESCRIPTION

SERVICE / JUNCTION BOX, CONTROLLER PAD
CONSTRUCTION/INSTALLATION DETAILS

PROJECT NUMBER

BOOK NO.	APPROVED BY	DATE AUG. 03
DRAWN BY SEAL		REVISED.
CITY OF WICHITA DEPARTMENT OF PUBLIC WORKS		24
TRAFFIC ENGINEERING DIVISION WM. G. MEYHART, TRAFFIC ENGINEER		SCALE NO SCALE