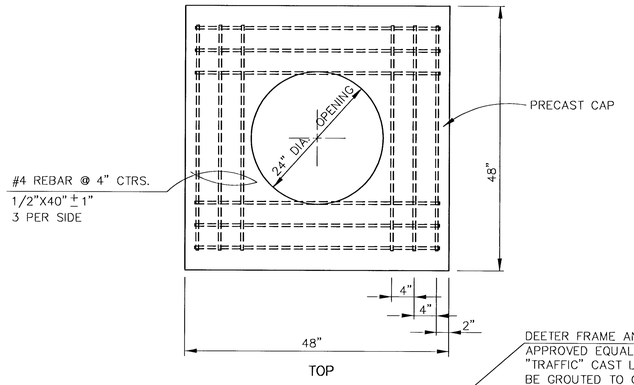
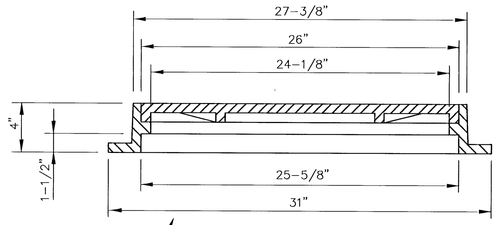
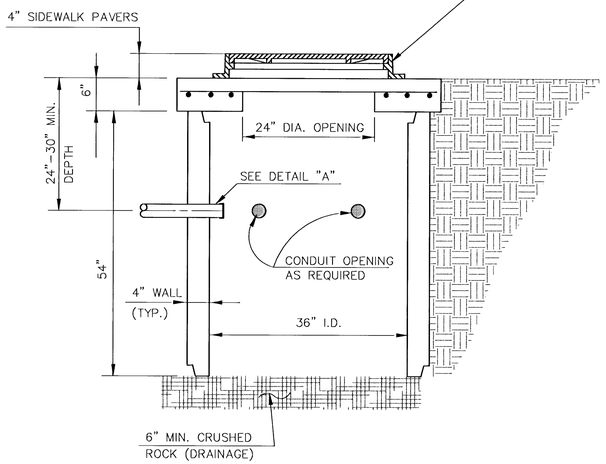


TOP



MEDIUM DUTY

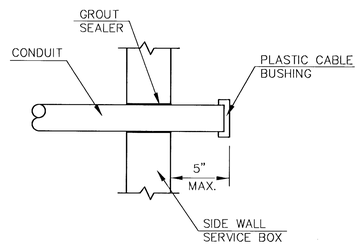
DEETER FRAME AND COVER, #1158 OR APPROVED EQUAL. COVER TO HAVE "TRAFFIC" CAST LOGO. FRAME SHALL BE GROUTED TO CAP.



ELEVATION

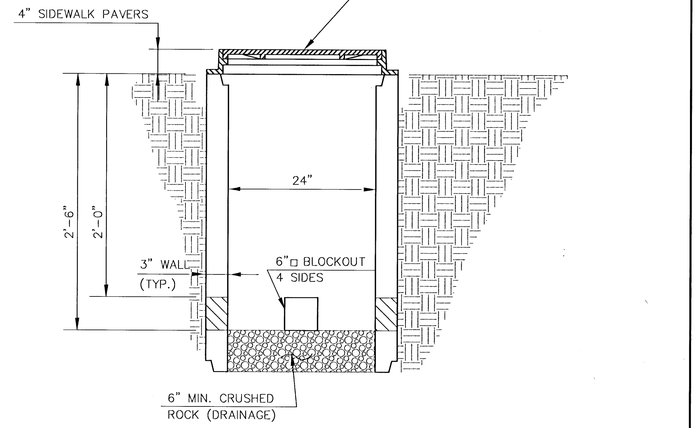
PRE FABRICATED SERVICE BOX

(36"I.D.X54" RCP & 6" CAP)



DETAIL "A"

DEETER FRAME AND COVER, #1158 OR APPROVED EQUAL. COVER TO HAVE "TRAFFIC" CAST LOGO. FRAME SHALL BE GROUTED TO TOP OF BOX.



ELEVATION

PRE FABRICATED JUNCTION BOX

(24"I.D.X36" RCP)

NOTES

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.

TRENCHING:

1. CONDUIT DEPTH TO BE 30" MINIMUM AS SHOWN WITH ROCK AND RUBBLE 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.
3. SLOPE CONDUIT TO DRAIN AS DIRECTED BY THE ENGINEER.
4. INSTALL 3" RIGID GALVANIZED STEEL CONDUIT BETWEEN SERVICE BOXES.
5. 2" RIGID GALV. STL. CONDUIT BETWEEN JUNCTION BOXES.

JUNCTION BOX

1. BOX FRAME & COVER TO BE INSTALLED FLUSH WITH SIDEWALK PAVERS.

REVISION DATE	COMMENTS	INITIALS

MID-KANSAS ENGINEERING CONSULTANTS, INC.
411 N. WEBB ROAD
WICHITA, KS. 67206
316-684-9600

CITY OF WICHITA
PROJECT NAME

TRAFFIC SIGNAL SERVICE BOX AND JUNCTION BOX DETAILS
SHEET TITLE

DCH	SWM	DCH
DESIGN BY:	DRAWN BY:	CHECKED BY:
DATE	JOB NO.	29 / 61 SHEET/OF

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