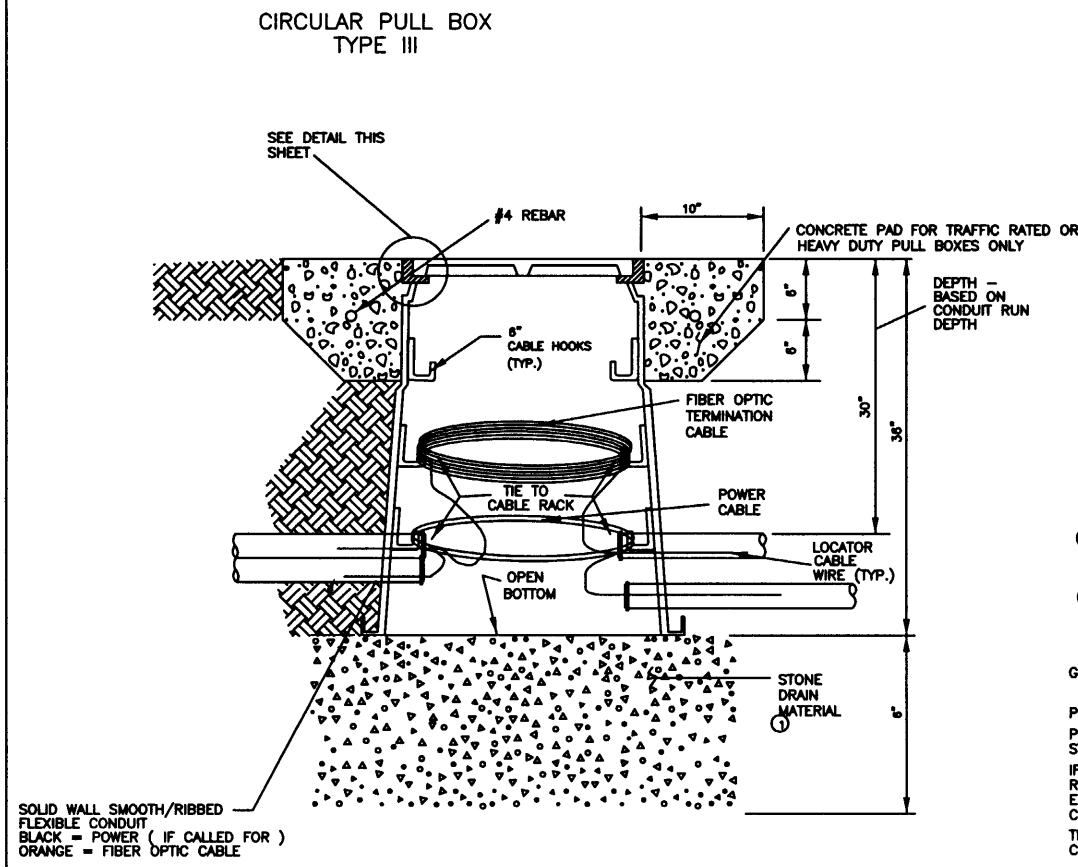


TYPE	DIMENSIONS (IN.) *										
	A	B	C	D	E	F	G	H	J	K	
I	12 7/8	12 7/8	3/4	14	14	12 3/4	10 1/2	10 1/2	1	12	
II	18 1/2	11 1/2	3/4	20 1/2	13 1/2	12	10 1/4	17 1/4	3/8	11 1/4	

* TOLERANCE ±1/4" IN ANY DIMENSION

- NOTES:**
1. Installation in grass area does not use concrete backfill with compacted earth.
 2. Pull box covers and rings to be installed in the street shall have machined horizontal bearing surfaces.
 3. Holed will have two (2) type 'P' pick slots. Dealer will have two (2) type 'W' pick slots.
 4. All surroundings to be finished to match the existing.

Order No.	Subd. L#	Pipe Size	A	B	O	DD	E	F	WT. Lbs. 37.5
Heavy Duty									
R-2000-E	04	2000	100	2000	2000	2000	4	100	
R-2000-H	06	2000	100	2000	2000	2000	4	200	



SOLID WALL SMOOTH/RIBBED FLEXIBLE CONDUIT
 BLACK = POWER (IF CALLED FOR)
 ORANGE = FIBER OPTIC CABLE

NOTE: COLOR, SIZE AND NUMBER OF CONDUITS IS AS PER DESIGN.

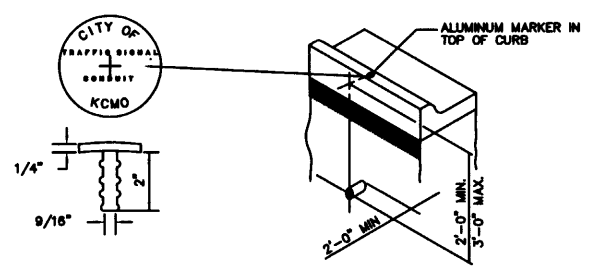
1. AGGREGATE SHALL CONFORM TO RELEVANT KCMO STANDARD SPECIFICATIONS.
2. CIRCULAR PULL BOX COVERS SHALL BE EMBOSSED "KCMO TRAFFIC SIGNAL FIBER OPTICS". TEXT SHALL BE 4" IN HEIGHT AND CENTERED.

GENERAL NOTES:

PULLBOX FRAMES AND COVERS SHALL BE POLYMER CONCRETE. PULLBOX COVERS SHALL HAVE AN APPROVED WHEEL LOAD OF 20,000 LBS AND BE UV STABILIZED.

IF SUBSURFACE CONDITIONS EXIST WHICH PROHIBIT THE PLACEMENT OF THE GROUND ROD IN A VERTICAL POSITION, THE ROD MAY BE DRIVEN AT AN OBLIQUE ANGLE NOT TO EXCEED 45 DEGREES FROM VERTICAL OR BURIED IN A TRENCH AT LEAST 30 IN. DEEP. CONNECTION TO GROUND ROD SHALL BE CADWELDED.

THE CIRCULAR PULL BOX COVER SHOULD BE SIZED TO FIT A BOX WITH A MINIMUM CLEAR OPENING OF 34 3/4 INCHES.



CONDUIT SHALL BE PLACED 2'-0" TO 3'-0" BELOW THE TOP OF CURB ELEVATION AND SHALL EXTEND 2'-0" MINIMUM BEYOND THE BACK OF CURB. CONDUIT SHALL BE INSTALLED TO DRAIN, AND ALL ENDS SHALL BE THREADED AND CAPPED. AN ALUMINUM MARKER SHALL BE PLACED IN THE TOP OF THE CURB DIRECTLY OVER THE CONDUIT. ALUMINUM MARKERS WILL BE FURNISHED BY THE CONTRACTOR.

THE CONTRACTOR SHALL NOTIFY THE CITY OF KANSAS CITY, DEPARTMENT OF PUBLIC WORKS TRAFFIC DIVISION (816) 513-9300 FOR INSPECTION OF THE CONDUIT INSTALLATION. AT LEAST 24 HOURS NOTICE SHALL BE PROVIDED. THE CONDUIT SHALL NOT BE COVERED UNLESS INSPECTED AND APPROVED BY THE PROJECT ENGINEER OR HIS AUTHORIZED REPRESENTATIVE, SO AS TO ENSURE PROPER DEPTH, CORRECT CONDUIT MATERIAL, AND PROPER CONDUIT END TREATMENT AS DESCRIBED ABOVE.

CONDUIT MARKING DETAIL

FIBERGLASS REINFORCED POLYMER CONCRETE JUNCTION BOX DETAILS NOT TO SCALE

KANSAS CITY, MISSOURI PUBLIC WORKS DEPARTMENT TRANSPORTATION PLANNING AND DESIGN SECTION		
PULL BOXES, JUNCTION BOXES AND CONDUIT MARKERS		
PROJ. NO. 100-089-7731-YXX-XXXX		
DATE 09-04	SCALE N.T.S.	
DRWN BY D. WEBER	DSGN BY	CHKD BY
Sheet _____ of _____		
TCD-0-6		