



THE CITY OF LYNCHBURG

STEEL ENCASEMENT DETAIL

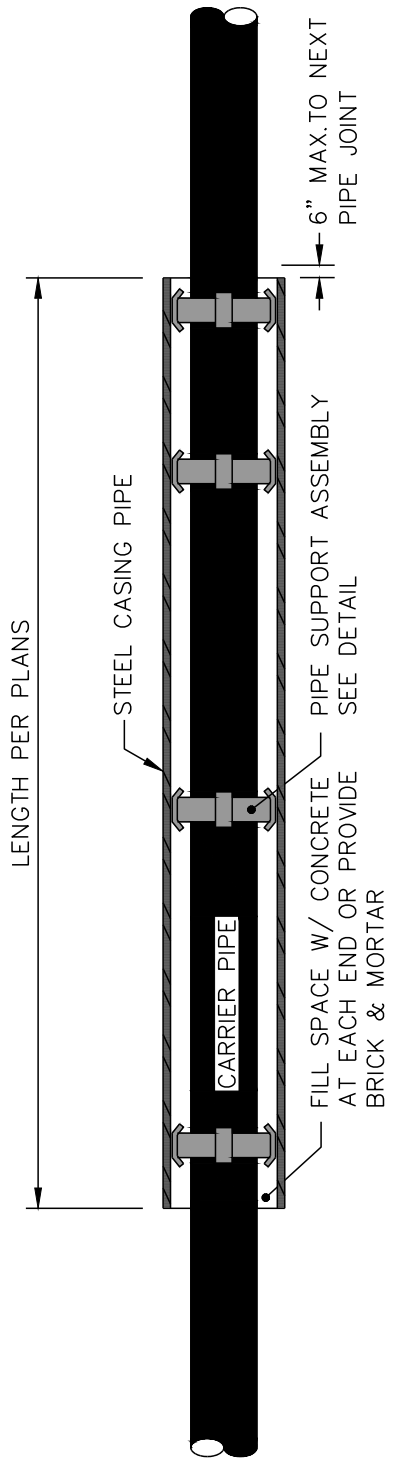
USE WITH THE CITY OF LYNCHBURG STANDARD SPECIFICATIONS ONLY

SCALE:
NOT TO SCALE

REVISION DATE:
4-2020

DETAIL #
27.23

SHEET #:
2 OF 2



ENCASEMENT PIPE DETAIL

CARRIER PIPE NOMINAL DIA.	CARRIER PIPE		RAILROAD		HIGHWAY		PIPE SUPPORT ASSEMBLY MARK NUMBER												DIMENSIONS		
	O.D.	O.D. WALL	O.D.	O.D. WALL	①			②			③			④			X	Y	Z		
			C	W	T	B	A	T	B	T	C	B	T	④							
6"	6.90"	.251"	12"	.188"	5"	2"	3/8"	3"	1"	3/8"	3"	3/8"	3"	1/2" DIA.	1 REQ'D	10.40"	1 7/8"	3/4"			
8"	9.05"	.282"	16"	.188"	6"	2"	3/8"	4"	1 3/4"	3/8"	3"	3/8"	3"	1/2" DIA.	1 REQ'D	14.05"	1 7/8"	3/4"			
10"	11.10"	.407"	24"	.188"	6"	2"	3/8"	4"	4 3/4"	3/8"	4"	3/8"	4"	1/2" DIA.	1 REQ'D	22.10"	3"	1 3/8"			
12"	13.20"	.407"	24"	.188"	6"	2"	3/8"	4"	3 3/4"	3/8"	4"	3/8"	4"	1/2" DIA.	1 REQ'D	22.20"	3"	1 3/8"			
14"	15.30"	.407"	24"	.250"	6"	2"	3/8"	4"	2 3/4"	3/8"	4"	3/8"	4"	1/2" DIA.	1 REQ'D	22.30"	3"	1 3/8"			
16"	17.40"	.469"	30"	.250"	8"	3"	3/8"	6"	4 1/4"	3/8"	6"	3/8"	6"	3/4" DIA.	1 REQ'D	27.40"	3"	1 3/8"			
18"	19.50"	.469"	30"	.250"	8"	3"	3/8"	6"	3 1/4"	3/8"	6"	3/8"	6"	3/4" DIA.	1 REQ'D	27.50"	3"	1 3/8"			
24"	25.80"	.563"	42"	.312"	12"	4"	1/2"	10"	5 3/4"	1/2"	10"	1/2"	10"	1/2" DIA.	2 REQ'D	39.30"	3"	1 3/8"			
30"	32.00"	.563"	42"	.312"	12"	4"	1/2"	10"	2 1/2"	1/2"	10"	1/2"	10"	1/2" DIA.	2 REQ'D	39.00"	3"	1 3/8"			

* DIMENSIONS ARE WITHOUT COATINGS

NOTES:

1. GREASE ENCASEMENT PIPE AS REQUIRED FOR EASE OF INSTALLATION.
2. INSTALLATION BY DRY BORE & JACKING.
3. STEEL PIPE TO BE 35,000 PSI MIN. YIELD STRENGTH.
4. PROVIDE A 2" DRAIN PIPE FROM CASING PIPE AT DOWNSTREAM INVERT OF CASING PIPE. DRAIN TO DAYLIGHT OR FRENCH DRAIN.
5. CASING PIPE WALL THICKNESS DIMENSIONS ARE MINIMUMS.