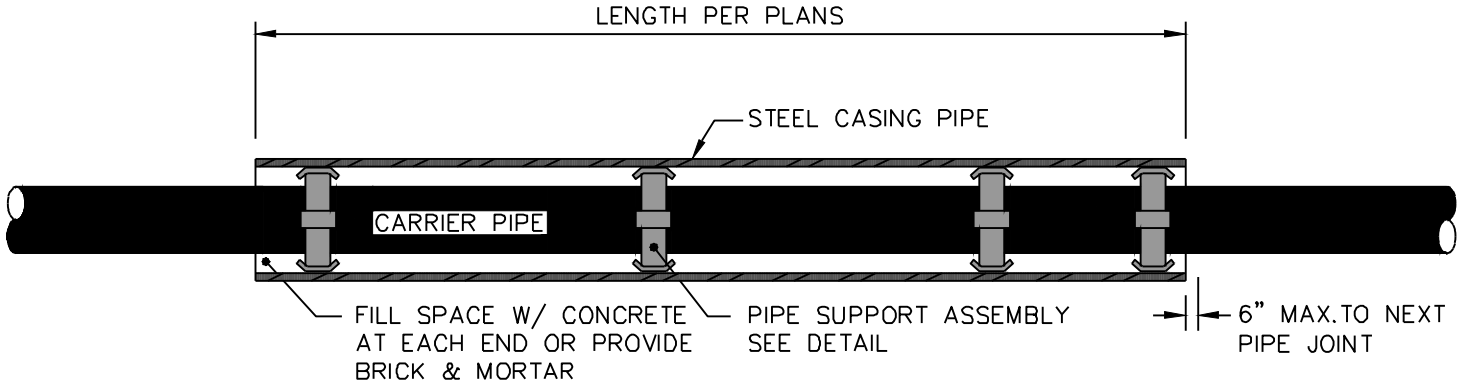

ENCASEMENT PIPE DETAIL

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

THE CITY OF LYNCHBURG

STEEL ENCASEMENT DETAIL

USE WITH THE CITY OF LYNCHBURG STANDARD SPECIFICATIONS ONLY

SCALE: NOT TO SCALE

REVISION DATE: 12-12-2014

DETAIL # 27.23

SHEET #: 2 OF 2