

FILL SPACE BETWEEN EXCAVATED BORE AND ENCASEMENT WITH CEMENT GROUT

EXCAVATED BORE

T-304 STAINLESS STEEL SPACER BODY (MIN 14 GAUGE THICKNESS)

WELDED T-304 STAINLESS STEEL RISERS (MIN 10 GAUGE THICKNESS)

STEEL ENCASEMENT PIPE

THICKNESS AS SPECIFIED IN PLANS (MIN 1/4")

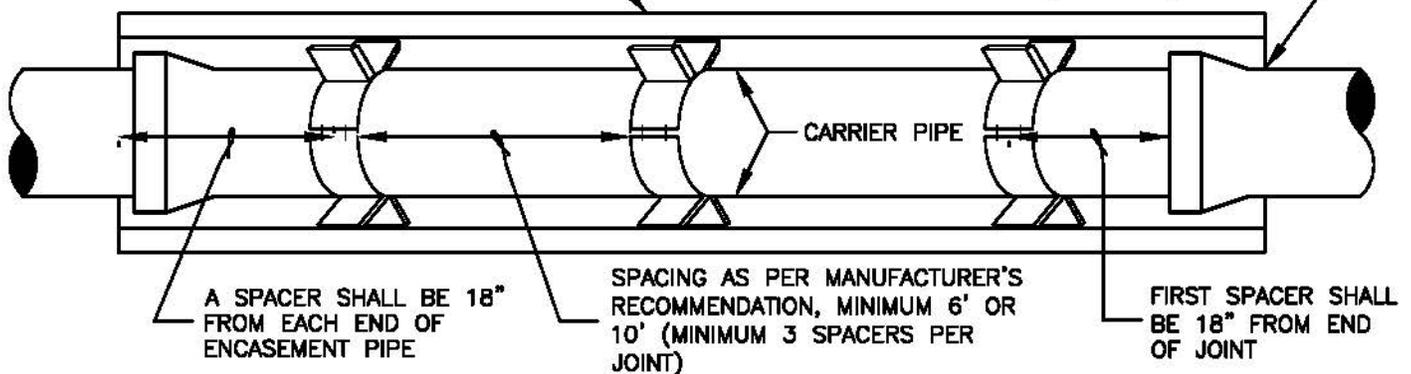
CARRIER PIPE, 90° MAXIMUM

ULTRA HIGH MOLECULAR WEIGHT POLYMER RUNNERS (2" MINIMUM HEIGHT)

PIPE SIZE-CARRIER (DIAMETER)	PIPE SIZE-CASING (DIAMETER) (MIN.)	MINIMUM PIPE THICKNESS (INCHES)	
6"	16"	1/4	0.2500
8"	18"	1/4	0.2500
10"	20"	5/16	0.3125
12" ~ 14"	24"	3/8	0.3750
16" ~ 18"	30"	7/16	0.4375
20"	36"	1/2	0.5000
24"	42"	1/2	0.5000
30"	48"	1/2	0.5000

SMOOTH STEEL ENCASEMENT PIPE (MINIMUM 35,000 P.S.I. YIELD STRENGTH)

SEAL ENDS WITH CASCADE WATERWORKS MANUFACTURING COMPANY, MODEL CCES END SEALS, OR APPROVED EQUAL (EACH END)



**NOTES:**

1. CASING SPACER CONFIGURATION AND SPACING SHALL BE AS SHOWN ON MANUFACTURER'S DRAWINGS FOR SPECIFIC WORK; THESE MUST BE ACCEPTABLE TO THE CITY OF ROUND ROCK.
2. CASING SPACER SHALL BE AS MANUFACTURED BY CASCADE WATERWORKS MANUFACTURING COMPANY, MODEL CCS, OR APPROVED EQUAL.

RECORD SIGNED COPY ON FILE AT PUBLIC WORKS

APPROVED

04-01-10

DATE

THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR THE APPROPRIATE USE OF THIS DETAIL. (NOT TO SCALE)

**CITY OF ROUND ROCK**

DRAWING NO:  
WT-16

**PIPE ENCASEMENT DETAIL**

