

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")

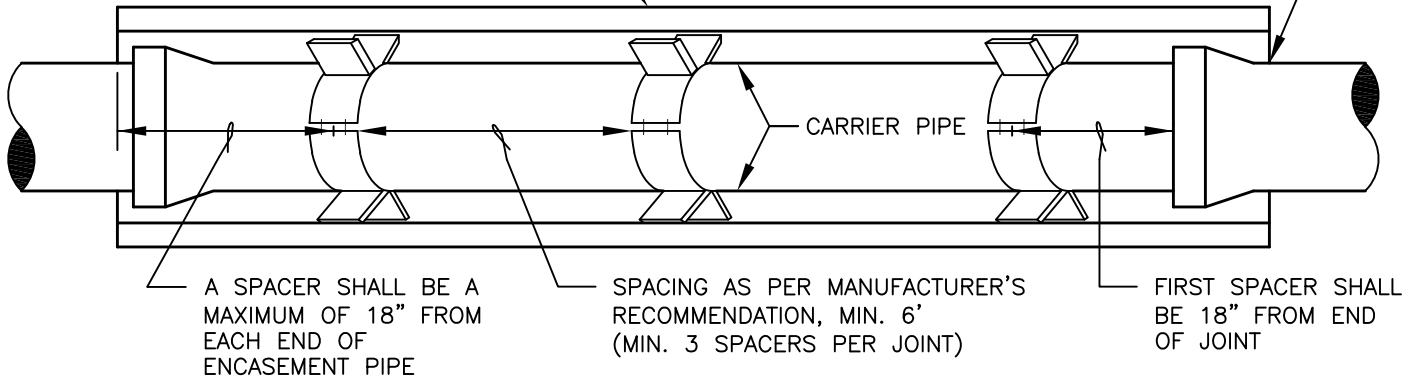
CARRIER PIPE, 90° MAX.

ULTRA HIGH MOLECULAR WEIGHT POLYMER RUNNERS (2" MIN. 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 U&ES DEPARTMENT

APPROVED

03-01-18

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**

