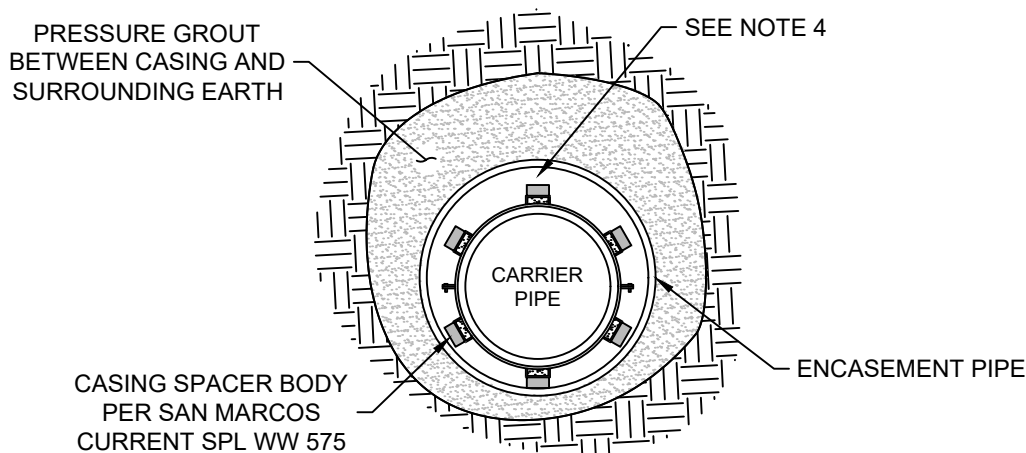


**DETAIL A**

<b>The City of San Marcos</b> Engineering and Capital Improvements	CURRENT AS OF 1/1/2021	<b>ENCASEMENT DETAIL WITH CASING SPACERS</b>	
RECORD COPY SIGNED BY LAURIE MOYER, P.E.	1/1/2020 ADOPTED	THE ARCHITECT/ENGINEER ASSUMES RESPONSIBILITY FOR APPROPRIATE USE OF THIS STANDARD.	STANDARD NO. <b>501S-1-SM</b> 1 OF 2

ENCASEMENT PIPE REQUIREMENTS - TYPICAL			
MAIN SIZE (INCHES)	NOM. DIA. STEEL (INCHES)	STEEL PIPE THICKNESS (INCHES)	PIPE WEIGHT (LBS./FT.)
6 / 8	18	0.375	70.59
12	24	0.375	94.62
16 / 18	30	0.375	118.65
20	36	0.438	166.19
24	42	0.438	194.02

RAILROAD CROSSING CASING REQUIREMENTS			
MAIN SIZE (INCHES)	NOM. DIA. STEEL CONDUIT (INCHES)	STEEL PIPE THICKNESS (INCHES)	PIPE WEIGHT (LBS./FT.)
6 / 8	18	0.375	70.59
12	24	0.438	110.22
16 / 18	30	0.500	157.53
20	36	0.562	212.70
24	42	0.625	276.18



### SECTION B - B

**NOTES:**

1. ALL FITTINGS INSIDE ENCASEMENT PIPE SHALL BE RESTRAINED PER SAN MARCOS CURRENT SPL WW-27A. (THIS DETAIL ILLUSTRATES PVC PIPE ONLY RESTRAINTS WILL BE PER SPL FOR THE PIPE USED AS CARRIER PIPE)
2. ALL FITTINGS INSIDE PIPE CASING WILL HAVE CASING SPACERS BODY PLACED 1 FOOT BEFORE AND AFTER FITTINGS.
3. BOTH ENDS SHALL BE SEALED PER SAN MARCOS CURRENT SPL WW-575A.
4. 1" MINIMUM BETWEEN SPACERS AND CASING PIPE ABOVE CENTER LINE OF PIPE.
5. SPACERS SHALL BE IN ACCORDANCE WITH MANUFACTURER'S PRODUCT SPECIFICATION BUT NO MORE THAN 8' APART.

<b>The City of San Marcos</b> Engineering and Capital Improvements	<b>CURRENT AS OF</b> 1/1/2021	<b>ENCASEMENT DETAIL WITH CASING SPACERS</b>	
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