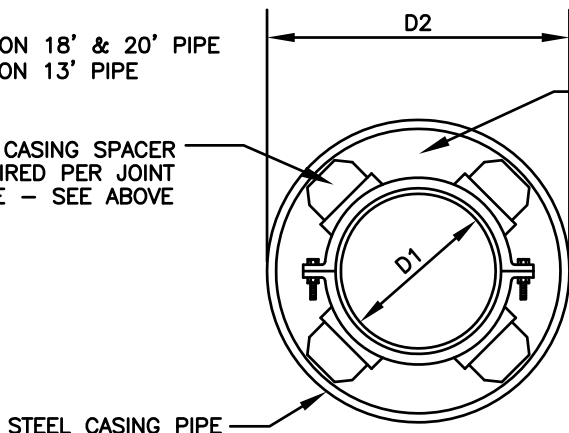


* FOR USE ON 18' & 20' PIPE
 ** FOR USE ON 13' PIPE

CASING SPACER
 2 OR 3 REQUIRED PER JOINT
 OF PIPE - SEE ABOVE



ANNULAR SPACE SHALL REMAIN EMPTY, SEAL BOTH ENDS WITH 12" THICK CLASS "C" CONCRETE PLUGS (SEE SPECS)

NOTE: VENT THE CASING WITH VENT PIPES HAVING INSIDE DIAMETER EQUAL TO 10% OF NOMINAL SIZE OF THE CARRIER PIPE BUT NOT LESS THAN 2 INCHES AND EXTENDING NOT LESS THAN 4 FEET ABOVE FINISHED GRADE. VENT PIPE AT LOW END OF CASING SHALL BE CONNECTED WITH BOTTOM OF CASING AND VENT AT HIGH END SHALL BE CONNECTED WITH TOP OF CASING. TOP OF VENT SHALL BE FITTED WITH PROPERTY SCREENED DOWN-TURNED ELBOW.

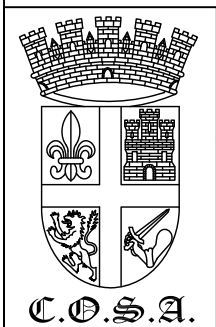
CASING SPACER DETAIL

	CARRIER PIPE AND CASING PIPE SIZES (MIN.) IN INCHES								
CARRIER PIPE NOM. DIA. (D ₁)	4	6	8	10	12	16	18	20	24
CASING PIPE NOM. DIA (D ₂)	14	16	20	20	24	30	30	36	42
WALL THICKNESS FDOT & RR	0.25	0.375	0.375	0.375	0.375	0.50	0.50	0.625	0.625

MAIN CROSSINGS FOR RAILROADS, ROADWAYS AND/OR OTHER AREAS AS SHOWN ON PLANS

NOTES:

1. MIN. COVER TO TOP OF CASING: a) FDOT=3.0' b) RAILROAD=6' TO BASE OF TIES. (CONTRACTOR TO CONFIRM MIN. COVER WITH RESPECTIVE AGENCIES.)
2. THE INSIDE DIAMETER OF THE CASING PIPE SHALL BE A MINIMUM OF 6 INCHES GREATER THAN THE OUTSIDE DIAMETER OF THE CARRIER PIPE BELL OR COUPLING.
3. ALL JOINTS WITHIN CARRIER PIPE SHALL BE MECHANICALLY RESTRAINED.
4. FOR STREET USES WHICH ARE NOT FDOT OR RAILROAD, USE FDOT CASING THICKNESS UNLESS OTHERWISE INDICATED BY ENGINEER.
5. FOR CARRIER PIPES LESS THAN 4" NOM. DIAMETER:
 - A. USE 4" PVC CASING PIPE FOR 2" POLY CARRIER PIPE. USE END-SEAL PRODUCT BY PIPE SEAL & INSULATOR, INC., MODEL "C" PULL ON END SEAL (SEE WWW.PIPELINESEAL.COM), OR FERNCO COUPLING.
 - B. USE 2" CASING PIPE FOR 1" POLY CARRIER PIPE. USE FERNCO PIPE SLEEVE SEAL DTC 210 2" TO 1".



TYPICAL CASING DETAIL

REVISION DATE:	FEB 2017
NOT TO SCALE	SS-25&W-30