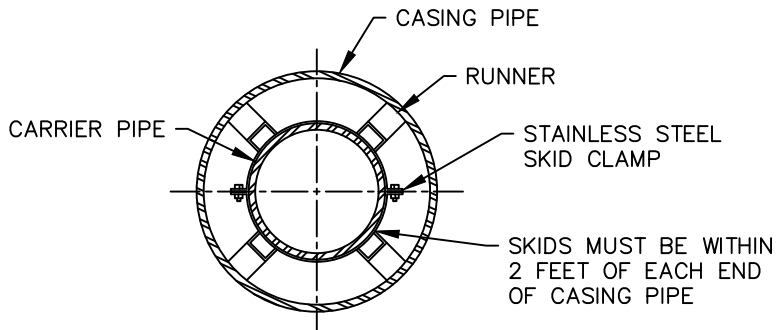


PIPE CASING PROFILE

CARRIER PIPE (ID)	MIN. CASING PIPE (OD)
8"	16"
10"	20"
12"	24"
16"	30"
24"	36"
30"	42"



PIPE CASING CROSS-SECTION

CARRIER PIPE MATERIAL	CARRIER PIPE DIAMETER	CLEARANCE BETWEEN CARRIER AND CASING PIPE	SPACER LENGTH	SPACER INTERVAL
DUCTILE IRON	LESS THAN 24"	N/A	8 INCHES	9 FEET
DUCTILE IRON	GREATER OF EQUAL TO 24"	LESS THAN 5 INCHES	8 INCHES	9 FEET
DUCTILE IRON	GREATER OR EQUAL TO 24"	GREATER THAN OR EQUAL TO 5 INCHES	12 INCHES	6 FEET
PVC (C-900/905)	ALL SIZES	N/A	12 INCHES	6 FEET
OTHER	CONSULT WITH ENGINEER			

NOTES:

1. CASING PIPE TO BE BITUMINOUS COATED STEEL PER IDOT WALL THICKNESS GUIDE OR AS SPECIFIED ON THE PLANS.
2. CASING SPACERS SHALL BE STAINLESS STEEL BY CASCADE OR APPROVED EQUAL (INSTALLED IN INTERVALS AS SHOWN ABOVE).
3. UNLESS OTHERWISE DIRECTED BY ENGINEER, CASING SPACERS MUST BE CENTERED AND RESTRAINED.
4. JOINTS LOCATED INSIDE OF CASING PIPE MUST BE RESTRAINED SO THAT JOINT PRESSURE LIMIT IS NO LESS THAN 350 PSI FOR PIPE LESS THAN OR EQUAL TO 24" DIAMETER AND NO LESS THAN 250 PSI FOR PIPE LARGER THAN 24" DIAMETER. NO FIELD CUT JOINTS WILL BE ALLOWED WITHOUT CONSENT OF ENGINEER.
5. ALL DUCTILE IRON WATER MAIN LOCATED INSIDE OF CASING PIPE MUST BE POLYETHYLENE ENCASED IN ACCORDANCE WITH THE VILLAGE'S POLYETHYLENE ENCASEMENT DETAIL.
6. UNLESS OTHERWISE APPROVED BY ENGINEER, CASING ENDS TO BE SEALED WITH ONE PIECE PULL-ON RUBBER END SEALS WITH STAINLESS STEEL HARDWARE, MODEL ESC BY CCI PIPELINE SYSTEMS OR APPROVED EQUAL.

STEEL CASING PIPE DETAIL