

# CASING PIPE REQUIREMENTS

CARRIER PIPE DIAMETER	CASING DIAMETER	MIN WALL THICKNESS
2"	8"	0.500"
3"	10"	0.500"
4"	12"	0.500"
6"	16"	0.500"
8"	16"	0.500"
10"	20"	0.500"
12"	20"	0.500"
15"	24"	0.500"
16"	24"	0.500"
18"	30"	0.500"
20"	30"	0.500"
21"	30"	0.500"
24"	36"	0.500"
30"	42"	0.500"
33"	42"	0.500"
36"	48"	0.500"
42"	54"	0.500"

**NOTES:**

- 1) ALL CASINGS TO BE STEEL XH SCHEDULE- ASTM 1-139, GRADE B OR SUCCEEDING STANDARD.
- 2) DIMENSIONS SHOWN ARE MINIMUM. IN THE EVENT OF DISCREPANCY BETWEEN PSA AND VDOT OR RAILROAD STANDARDS, THE STRICTER STANDARD SHALL GOVERN.
- 3) CASING PIPES TO HAVE PROTECTIVE COATINGS AS REQUIRED BY VDOT OR RAILROAD.
- 4) INCREASING CASING THICKNESS MUST BE CONSIDERED WHERE BORE LENGTHS EXCEED 125 FEET.
- 5) CONTRACTOR SHALL MAKE EVERY EFFORT TO BORE IN THE APPROPRIATE DIRECTION BASED ON EXISTING SOIL CONDITIONS.
- 6) SIZE AND LOCATION OF BORE PITS IS PER PLAN AND PROFILE SHEETS ALONG WITH BOUNDS OF PERMANENT AND TEMPORARY CONSTRUCTION EASEMENTS.



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EFFECTIVE  
05/2023

DETAIL NO.  
108