



NOTES:

1. SHOP DRAWINGS OF PROPOSED CASING SPACERS SHALL BE SUBMITTED TO LCSA FOR REVIEW AS PART OF THE REQUIRED SUBMITTAL ON MATERIALS. REFER TO APPROVED PRODUCTS LIST.
2. CASING FOR WATERLINE SHALL BE STEEL PIPE CONFORMING TO ASTM A1011 AND TO SECTION 232 OF THE VDOT ROAD AND BRIDGE SPECIFICATION.
3. THE CONTRACTOR SHALL WELD A RUNNER OF APPROPRIATE HEIGHT INTO THE BOTTOM OF THE CASING TO PREVENT THE CARRIER PIPE FROM SPINNING DURING INSTALLATION.
4. CONTRACTOR SHALL CONSULT THE MANUFACTURER OF THE CARRIER PIPE AS TO WHETHER PIPE SHOULD BE PUSHED OR PULLED THROUGH CASING. INSTALLATION SHALL CONFORM TO MANUFACTURER'S RECOMMENDATION FOR THE TYPE OF JOINT EMPLOYED.

CASING PIPE SIZES		
WATER MAIN PIPE SIZE	CASING PIPE SIZE	CASING THICKNESS
6"	16"	3/8"
8"	20"	3/8"
10"/12"	24"	3/8"
16"	30"	3/8"
20"	36"	3/8"
24"	42"	1/2"
30"	48"	1/2"
36"	54"	1/2"

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WATER PIPE IN CASING

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