

0.5" THICK SMOOTH WALL
STEEL CASING PIPE.
CONFORMING TO ASTM
A139 PER VDOT ROAD &
BRIDGE SPEC SECT. 232

PVC SANITARY
SEWER

3" x 3" x 0.25"
ANGLE IRON (2 PER
LENGTH OF PIPE)

1.5" x 1.5" x 0.25"
ANGLE IRON (2 PER
LENGTH OF PIPE)

WELD AT ALL
JOINTS

FLOWABLE GROUT FILL PLACED AFTER
PIPE IS SECURED AT APPROPRIATE
LINE AND GRADE. SEAL BOTH
ENDS OF CASING PIPE W/
MASONRY BULKHEAD

CASING DIAMETER *	SEWER DIAMETER
36"	8",10",12"
42"	16"
48"	24"

* INDICATES MINIMUM DIAMETER FOR JACK AND BORE.
DIAMETERS FOR OTHER TECHNIQUES REQUIRE
SPECIFIC LCSA APPROVAL.

NOTES:

1. REFER TO APPROVED PRODUCTS LIST FOR ADDITIONAL REQUIREMENTS.

06/02/02

GRAVITY SEWER IN CASING

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