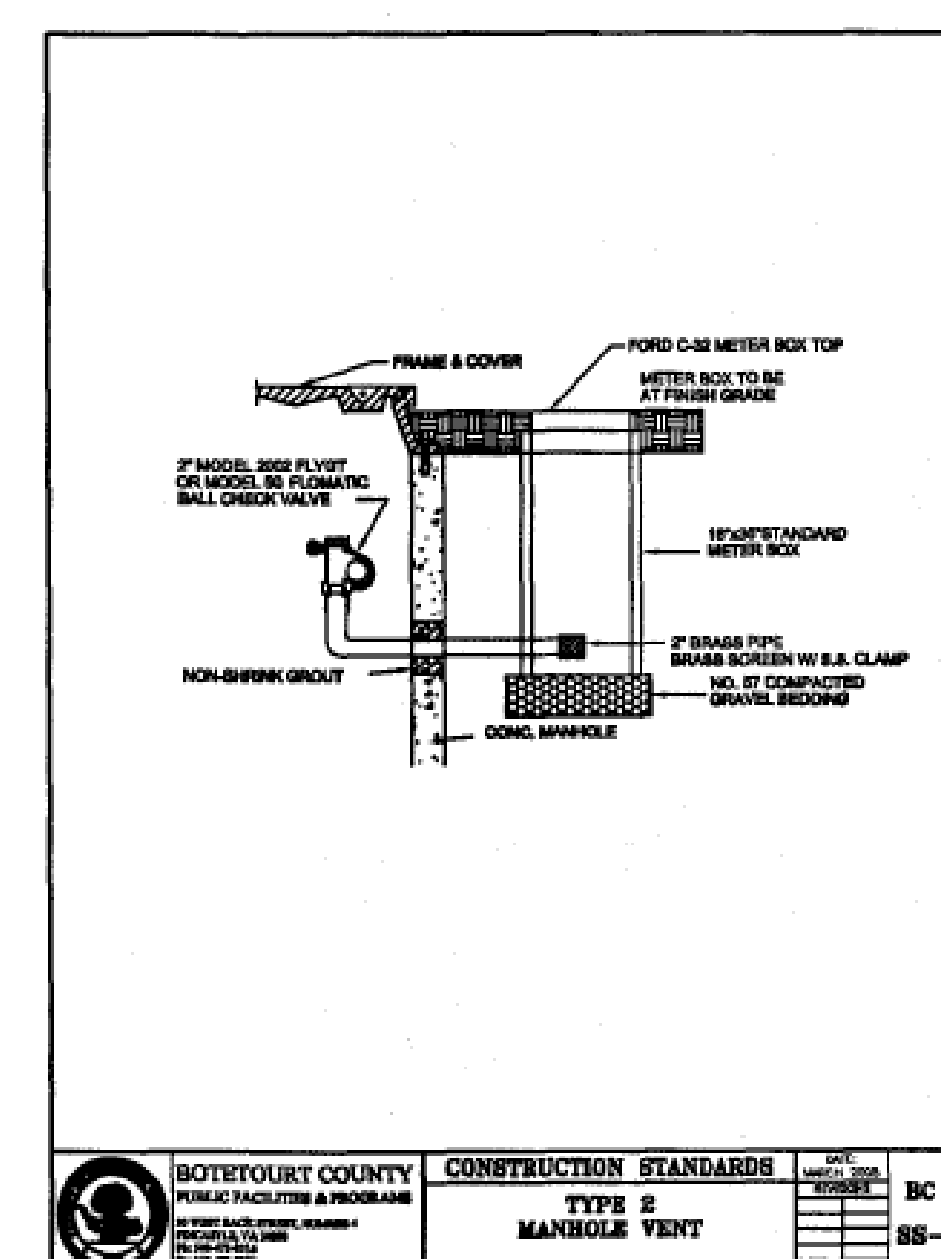
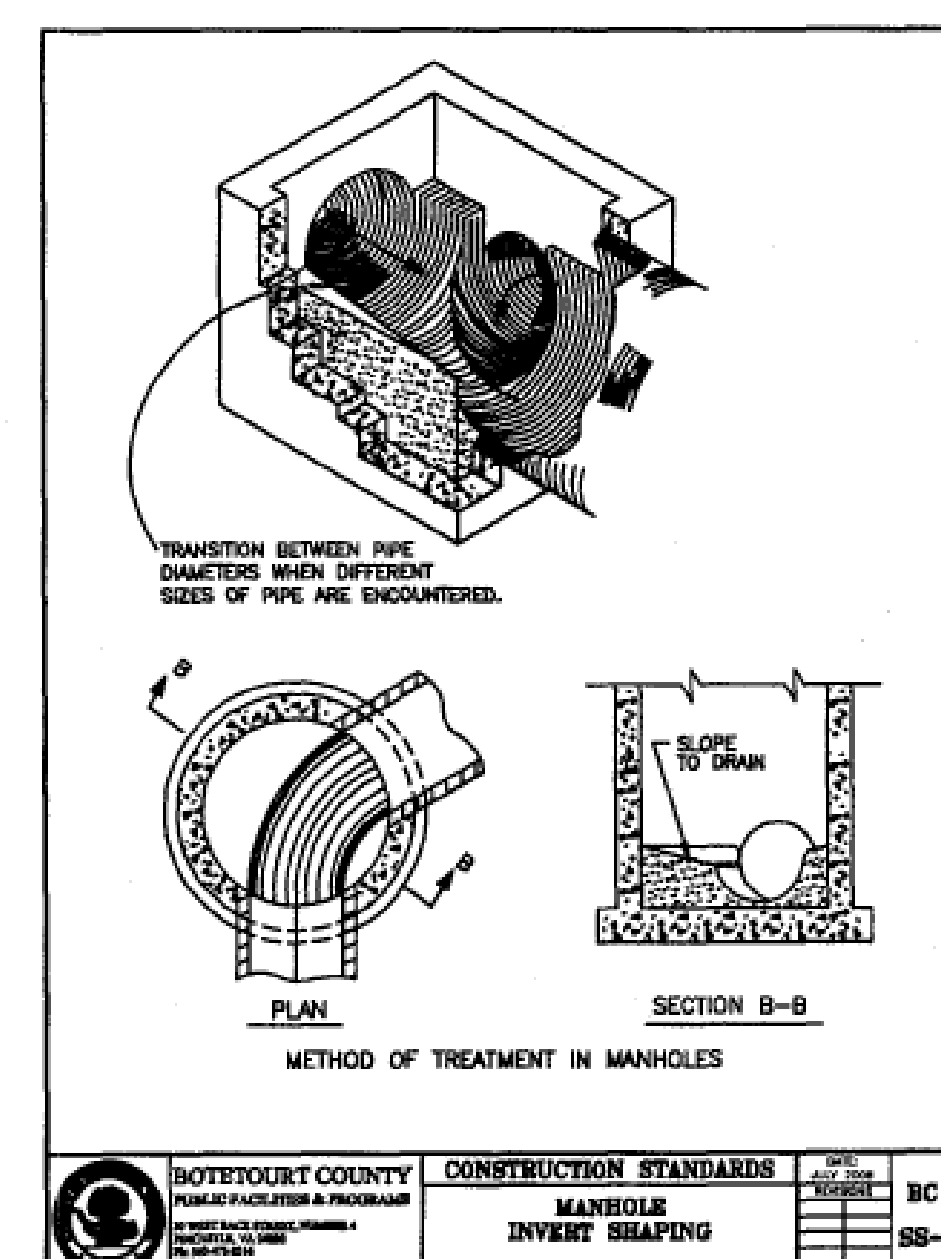
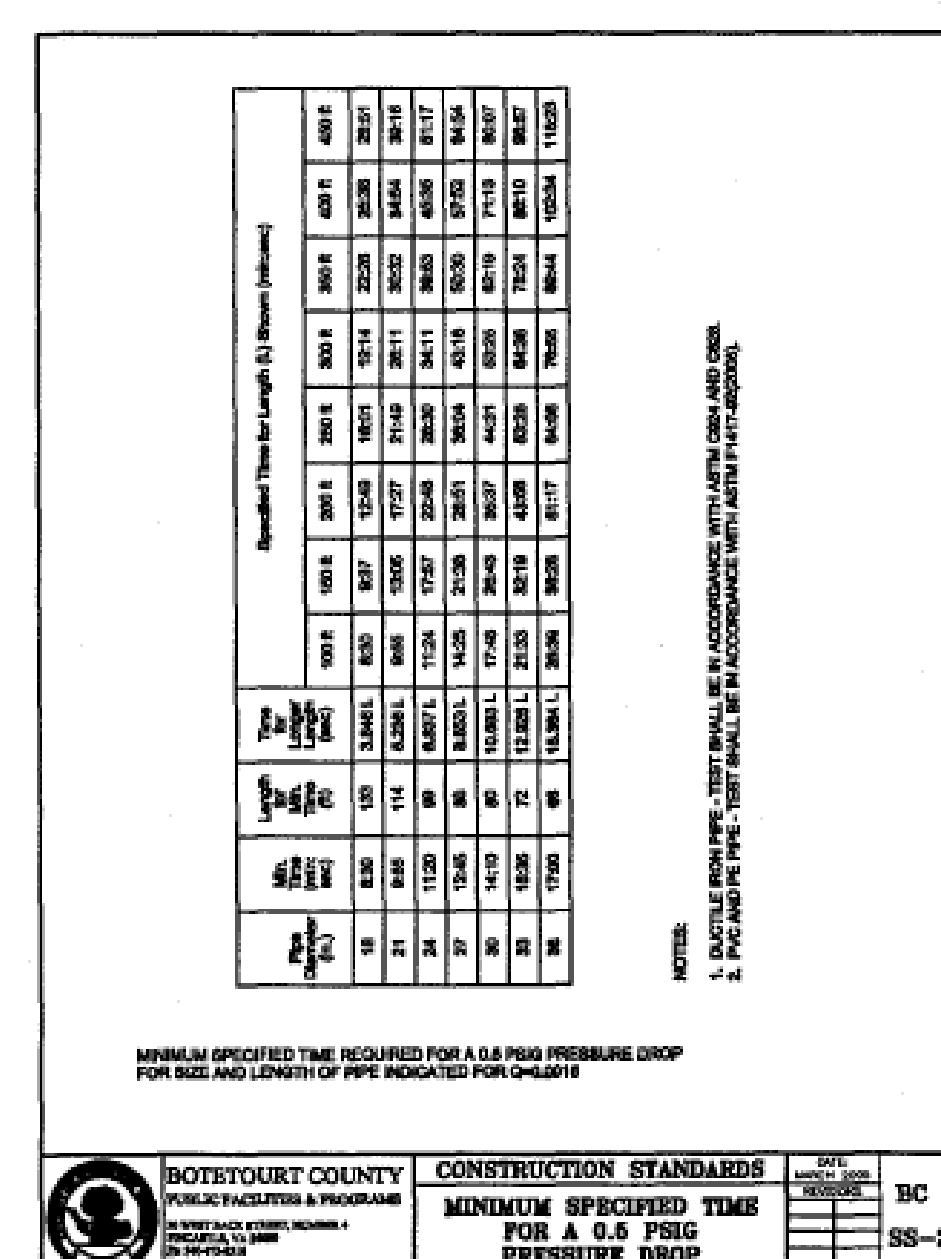




STORM SEWER ON OTHER PIPE

PRECAST PIPE

1' MIN

1' MIN

1' MIN

MIN (TYP)

L

L/2

L = LENGTH OF PIPE SECTION

PIER AT NEAREST JOINT ON EACH SIDE

SANITARY SEWER OR WATER

COMPACTED GRAVEL, NO. 57

STORM SEWER

1' MIN

1' MIN

1' MIN

2' MIN

SANITARY SEWER OR WATER

NOTE:

1. PIER REQUIRED WHEN STORM DRAIN OR OTHER PIPES CROSS OVER THE OTHER UTILITY WITH A VERTICAL CLEARANCE OF LESS THAN 18".
2. PIERS TO BE BUILT ON UNDISTURBED SAND.
3. CONCRETE TO BE READY MIX, CLASS AS.

BOTETOURT COUNTY PUBLIC UTILITIES & PROGRAMS DIVISION 10000 W. 100th AVE SUITE 200 BETHESDA, MD 20814 (301) 281-1100	CONSTRUCTION STANDARDS		DATE MATERIALS TESTED	BC SS
	CONCRETE PIER			

