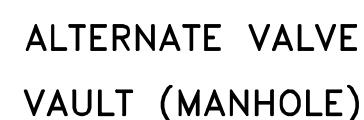


## THRUST BLOCK CONSTRUCTION



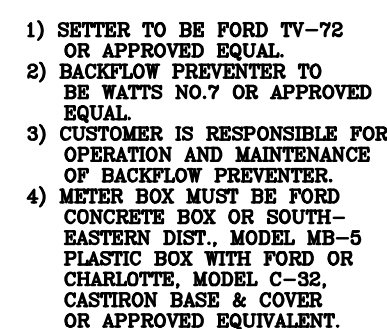
- NOTE:
- 1 USE MODERATELY STIFF MIX OF NON SHRINK CEMENT, SAND AND 1/2" AND LESS DIAMETER GRAVEL WITH 28 DAYS, STRENGTH AT 3,000 P.S.I.
  - 2 MIX IS TO BE FORCED INTO ALL GROOVES AND UNDER FLANGE OF FRAME AND LEFT AT OR ABOVE TOP OF FLANGE.
  - 3 MAX. ON BRICK OR CONCRETE BLOCKS TO BE USED FOR GRADE CONTROL.
  - 4 DO NOT BACKFILL AROUND FRAME AND COVER. FOR 48 HOURS AFTER CON. IS PLACED, THE USE OF HEAVILY STRENGTH CONCRETE WOULD REDUCE TIME TO (24HRS).
  - 5 RESTRICT TRAFFIC LOAD FOR MIN. 24 HOURS.



ALTERNATE PIPE SUPPORT IN CASING PIPE:

18" LONG TREATED TIMBER SKIDS OF APPROPRIATE WIDTH SO THAT BELLS OR FLANGES DO NOT REST ON CASING WITH MORE THAN 3/4" FREE PLAY. SKIDS TO BE PLACED AT 4'-0" O.C. AND SECURED WITH 2"x1/4" GALV. STEEL STRAPS OR 1" S.S. BANDS. SOAP-BASED LUBRICANT MAY BE USED FOR SLIDING OF SKID WITH DUCTILE IRON PIPE AND FLAX-BASED LUBRICANT MAY BE USED FOR SLIDING OF SKID WITH PVC PIPE.

NOTE: A 1" DRAIN WILL BE REQUIRED ON THE LOWER END OF THE CASING  
IF THE CASING ENDS ARE SEALED WITH MORTER AND BRICK.



TYPICAL WATER  
PRESSURE TEST RIG



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No.	Revision	By	Appd.	Date	Drawn	WTR
1	CO. SEWER COMMENTS	MSMJ	RHW	7-22-03	Designed	WTR
					Checked	JDE/PSN
					Approved	PSN

SPICKARD TOWNHOMES  
BOTETOURT COUNTY, VIRGINIA

# STANDARD WATER DETAIL SHEET

NO SCALE

JANUARY 2001

PROJECT:	00023
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