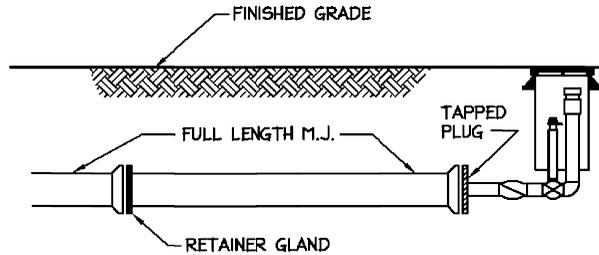


Chesapeake modifications to Regional Standards Third Edition

1. Three inch nipple between check valve and blow off assembly to be 2 inches in diameter.
2. Blow off assembly to be supplied by Kupferle Foundry (Mainguard No. 78) not Gil Industries.
3. Fire Hydrants installed as blow offs shall be installed as shown on detail WD-06, WD-07, or WD-08 as shown on the plans.

* RESTRAINT LENGTHS BASED ON DUCTILE IRON PIPE ONLY.
WHEN PVC PIPE IS USED, RESTRAINT LENGTHS MUST BE RECALCULATED.



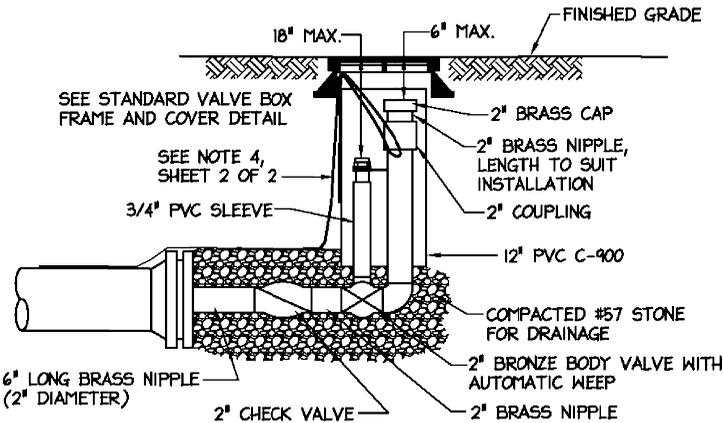
RESTRAINT LENGTHS:

PIPE DIAMETER	LENGTH OF PIPE
4 INCHES	36 FEET
8 INCHES	36 FEET
10-12 INCHES	54 FEET
16 INCHES	72 FEET

RESTRAINT NOTES:

1. SPECIAL DESIGN REQUIRED FOR MAINS GREATER THAN 48" IN DEPTH OR IN SOILS WITH SHEAR STRENGTH LESS THAN 30 LBS/FT.
2. IF THE RESTRAINED JOINTS ARE LESS THAN THE LENGTHS SHOWN, THEN A SPECIAL RESTRAINT DESIGN MUST BE SUBMITTED FOR APPROVAL.

TYPICAL RESTRAINT



BLOW-OFF ASSEMBLY

SEE WD_05, SHEET 2 OF 2 FOR BLOW-OFF ASSEMBLY NOTES.

BLOW-OFF ASSEMBLY

NOT TO SCALE

REFERENCE	CATEGORY	DATE	SHEET No.	DETAIL No.
200,801	WATER DISTRIBUTION	01/03	1 OF 2	WD_05

Regional Construction Standards Third Edition

SHEET 1 OF 2

	DESIGN AND CONSTRUCTION STANDARDS	
	BLOW-OFF ASSEMBLY	

08/15/03	REV. FOR INTERNET 2003	DR. BY:	DATE:	WD_05
DATE	REVISIONS	CHK. BY:	DATE:	
		APP. BY:	DATE:	

APPROVED FOR THE WEB

Utility Engineer

Date