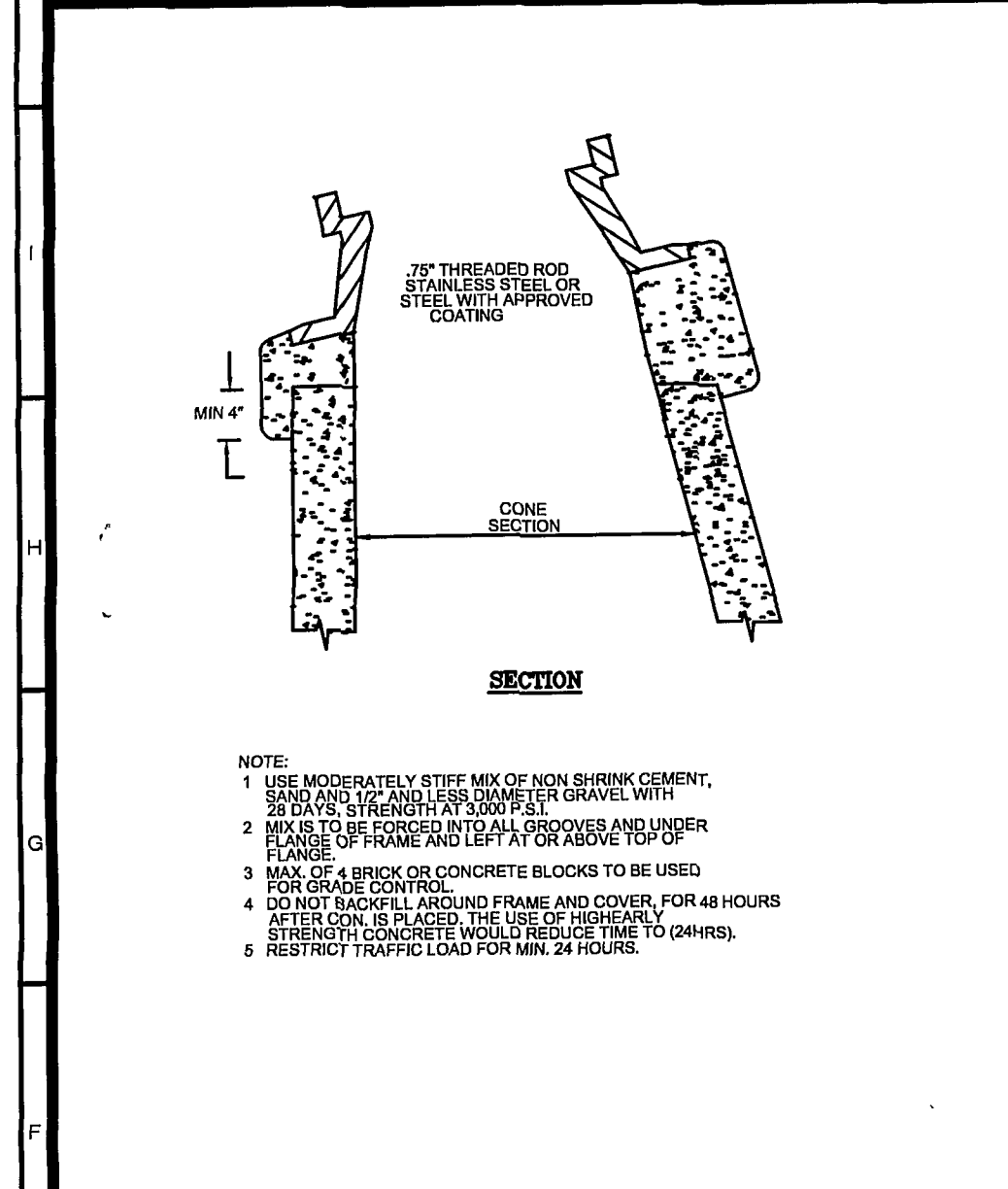
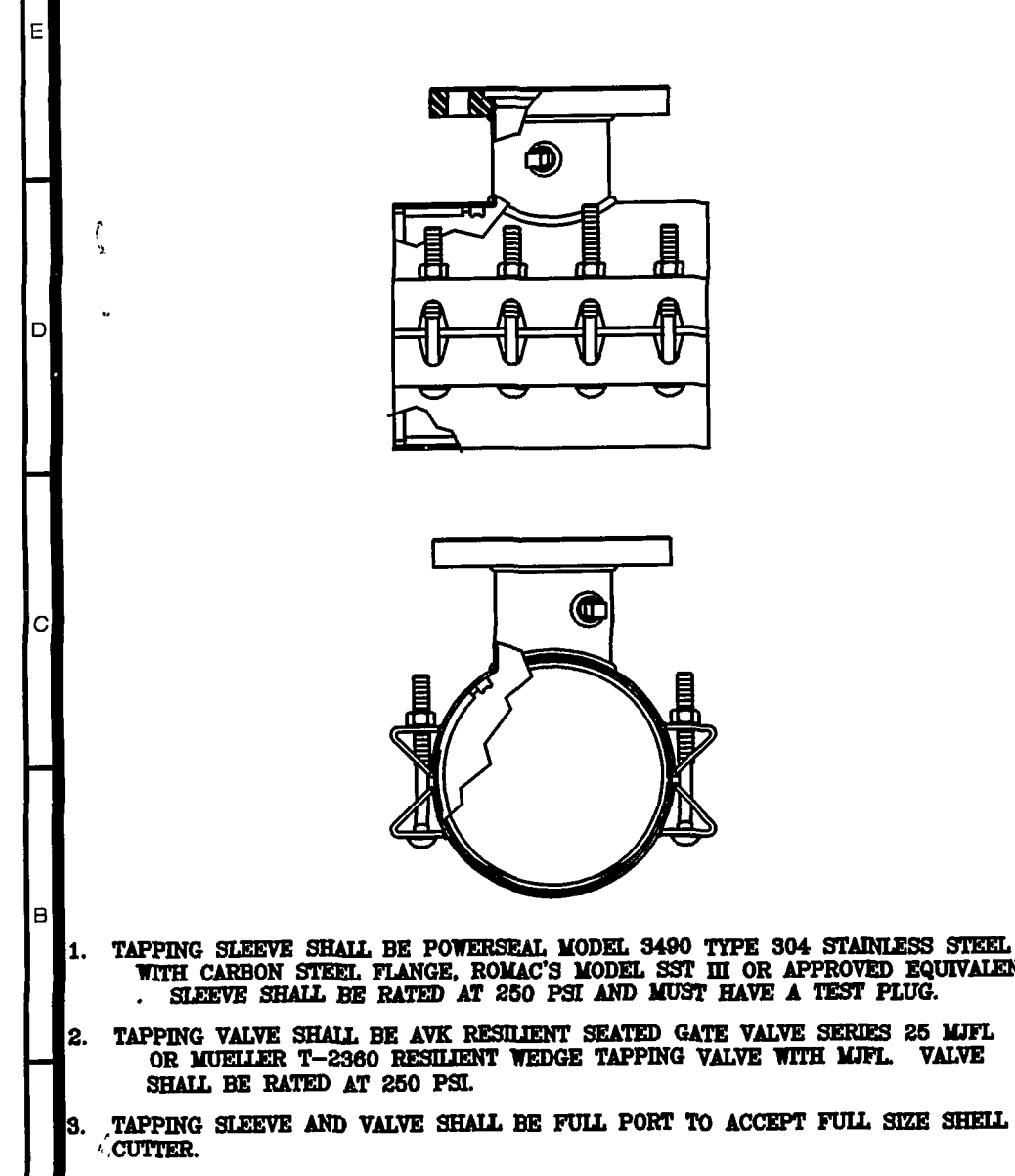


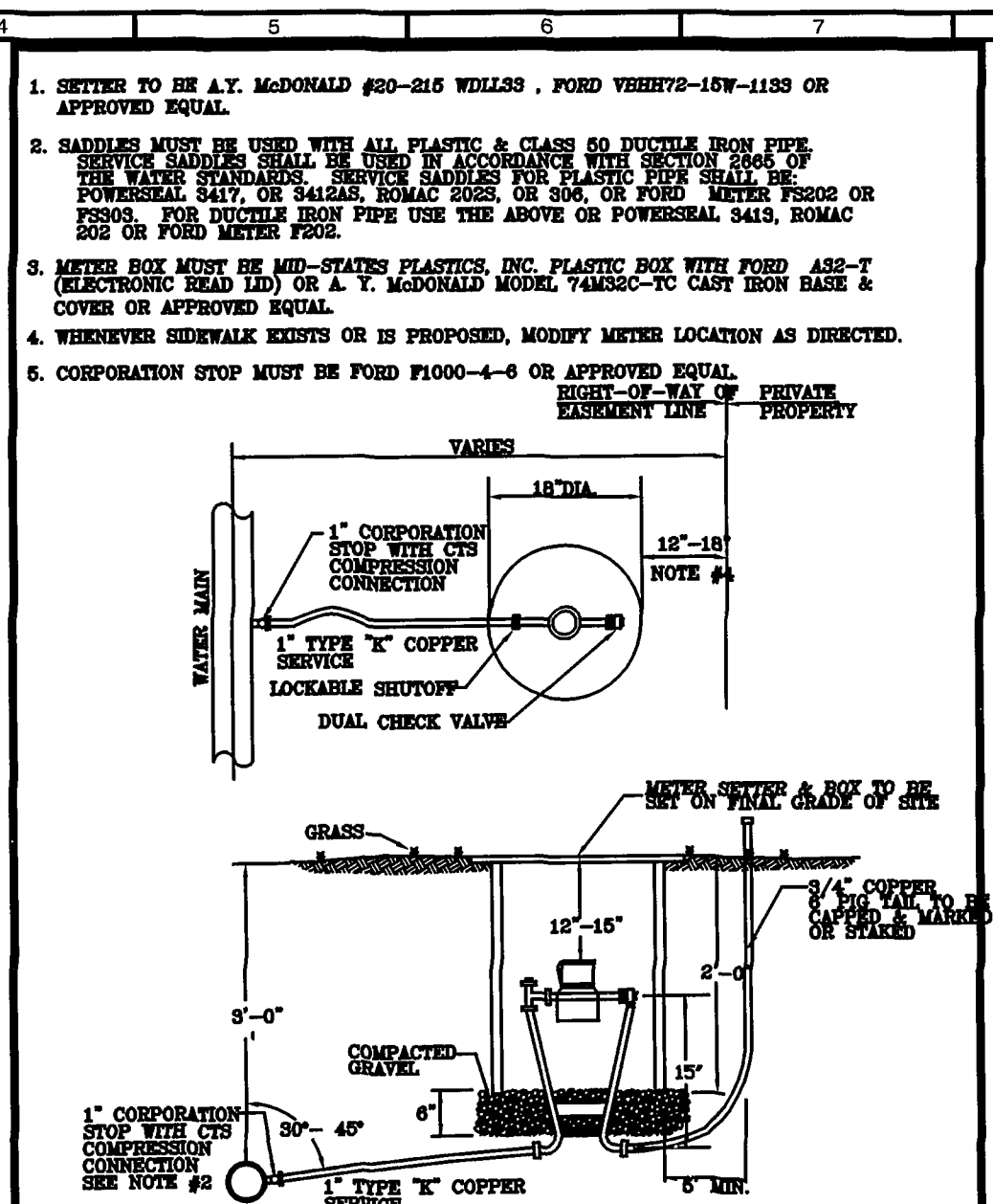
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	BEDDING AND BACKFILL UNDER PAVEMENT	G-02



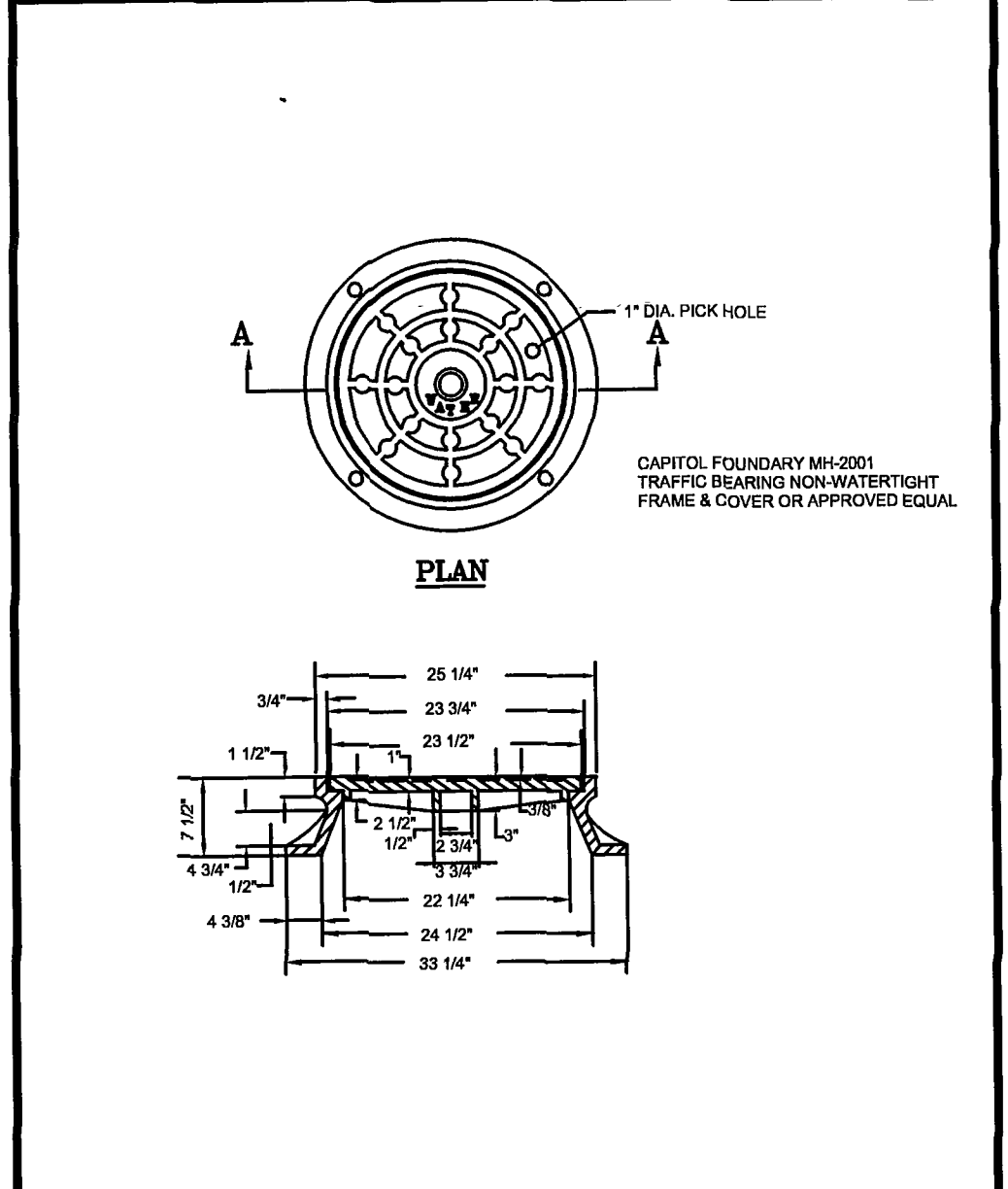
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	INSTALLATION DETAIL FOR TAPPING SLEEVES AND COVERS	W-16



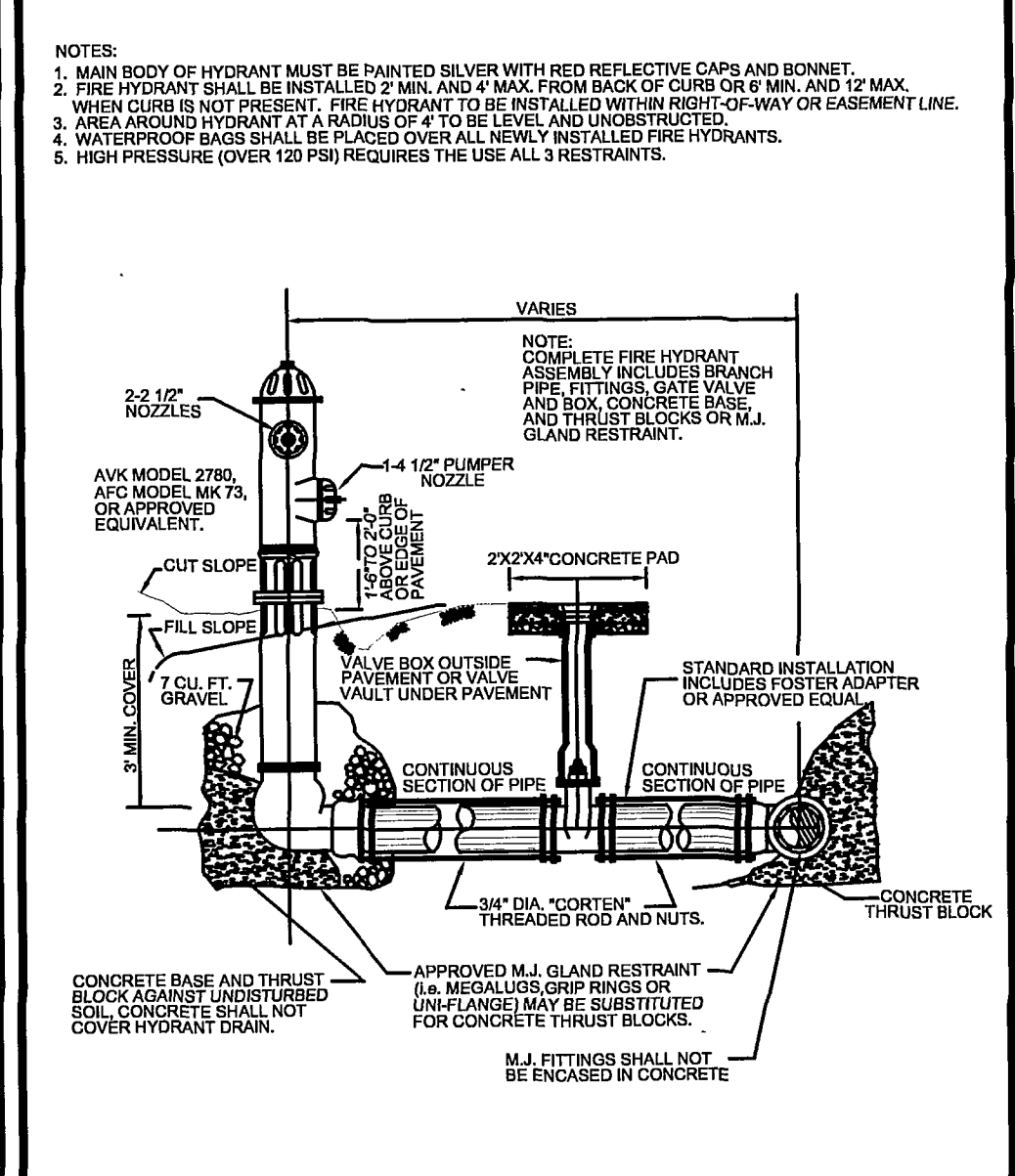
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	TAPPING SLEEVE AND VALVE	W-23



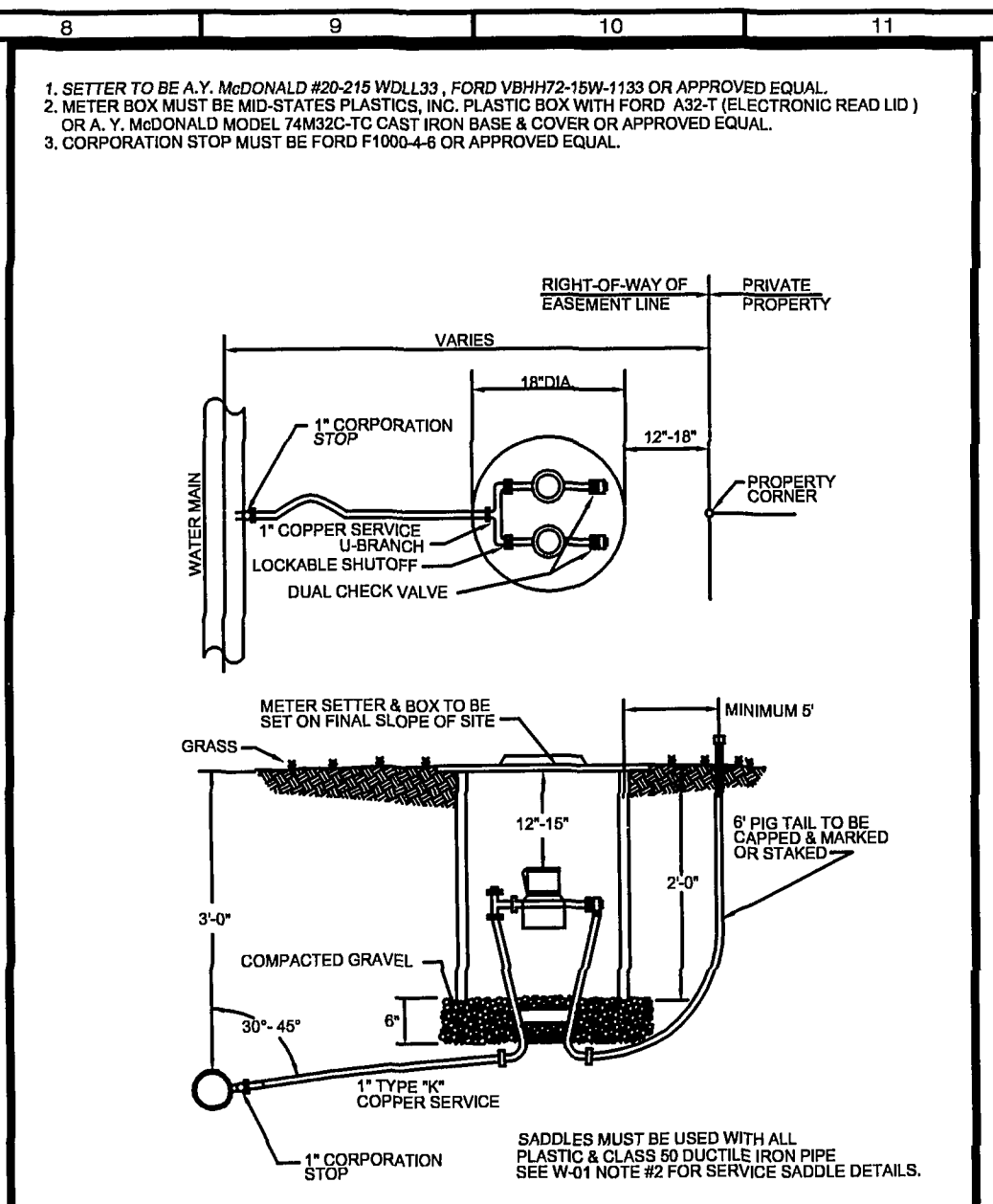
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	TYPE "K" SINGLE RESIDENTIAL WATER SERVICE (LINE PRESSURE UNDER 80 PSI)	W-01



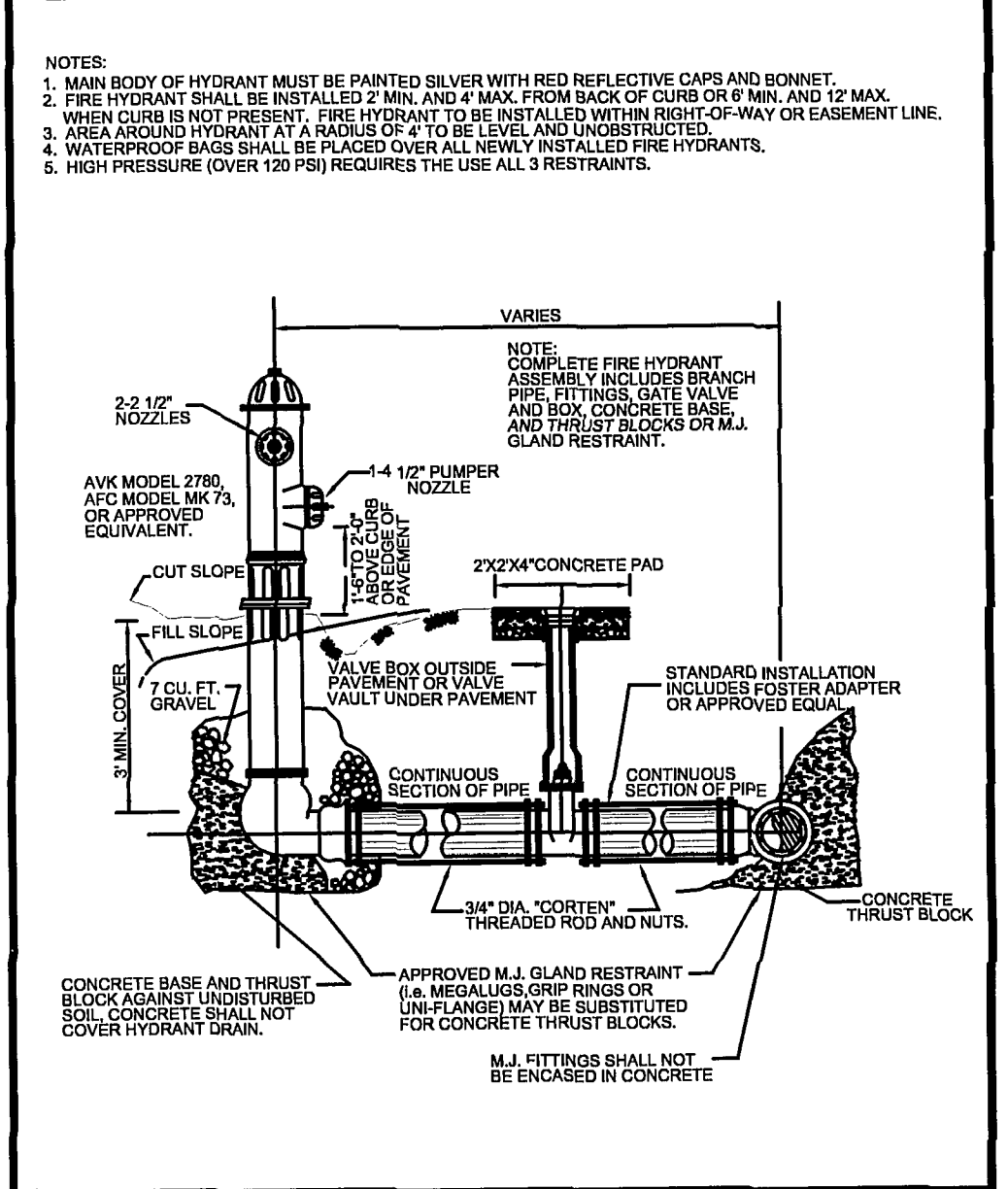
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	MANHOLE FRAME AND COVER	W-17



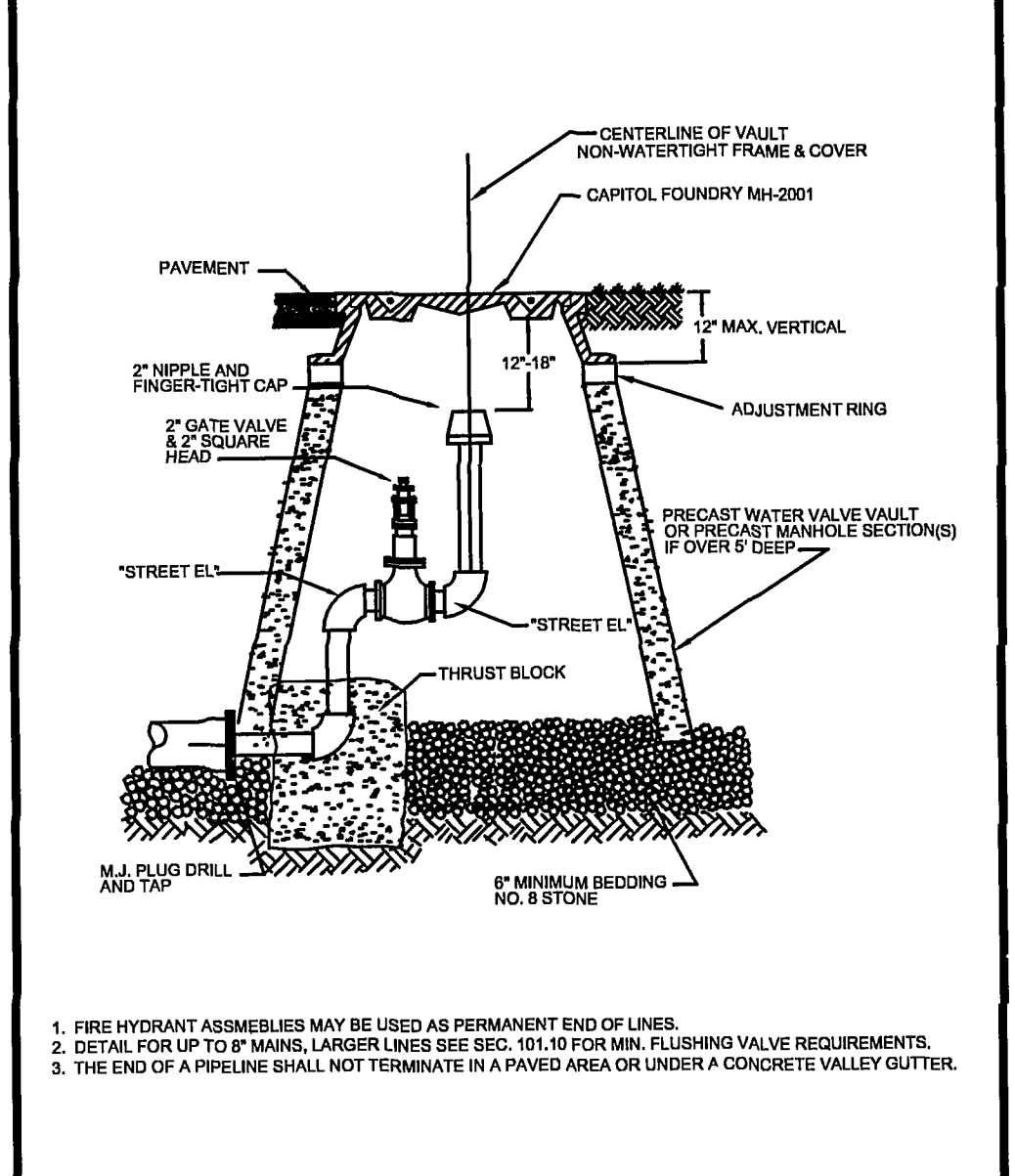
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	FIRE HYDRANT ASSEMBLY	W-18



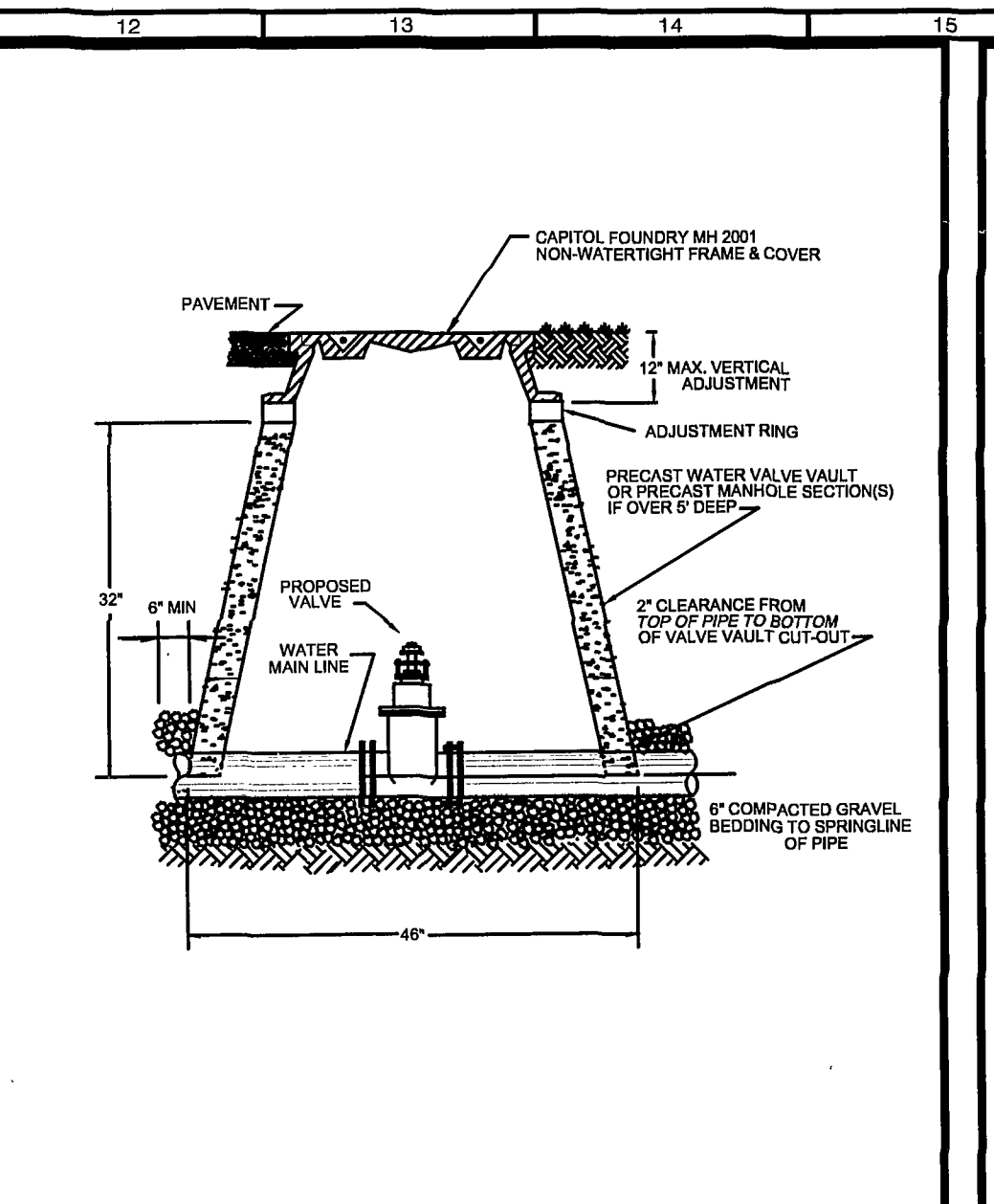
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	DOUBLE RESIDENTIAL WATER SERVICE	W-04



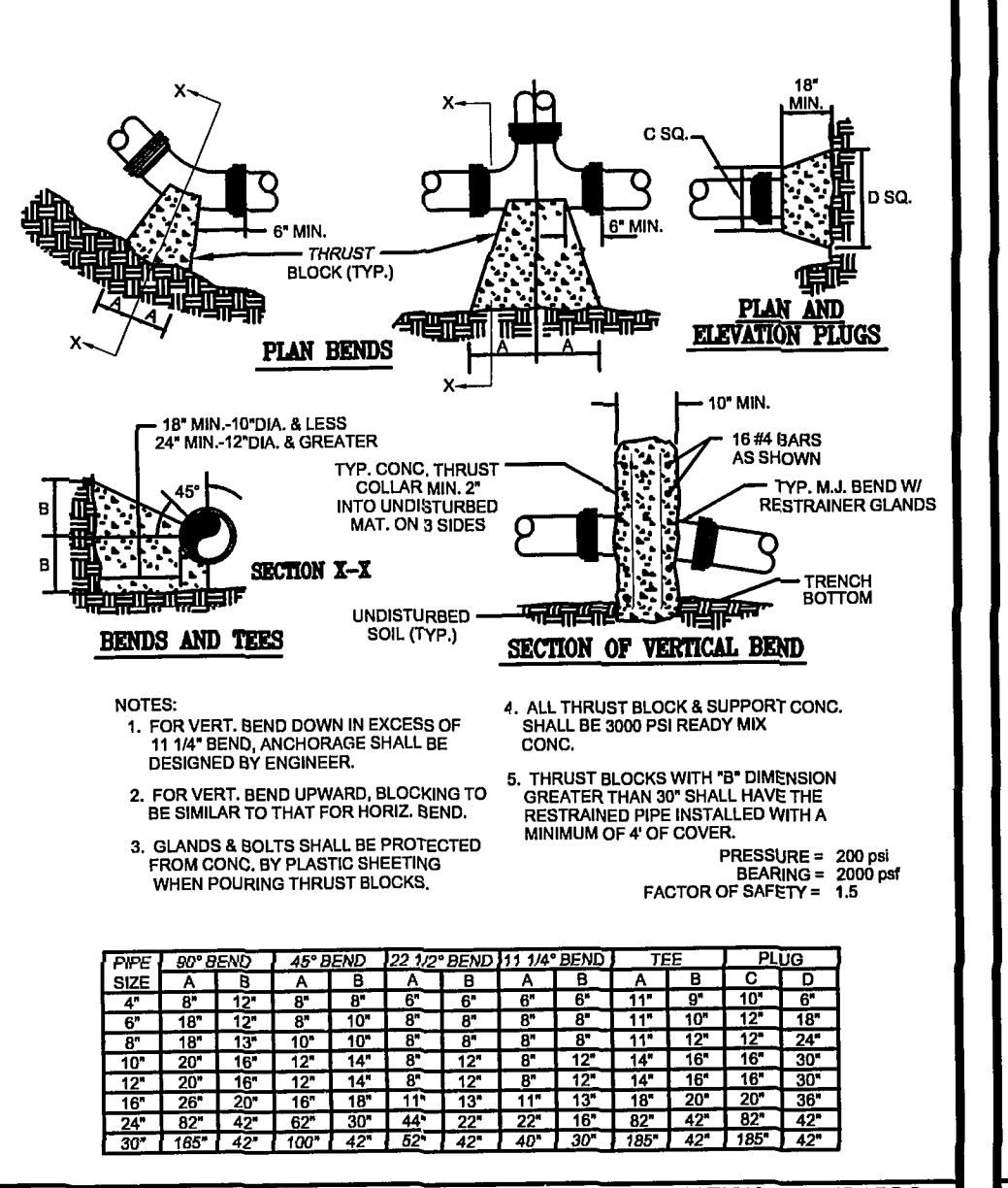
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	FIRE HYDRANT ASSEMBLY	W-18



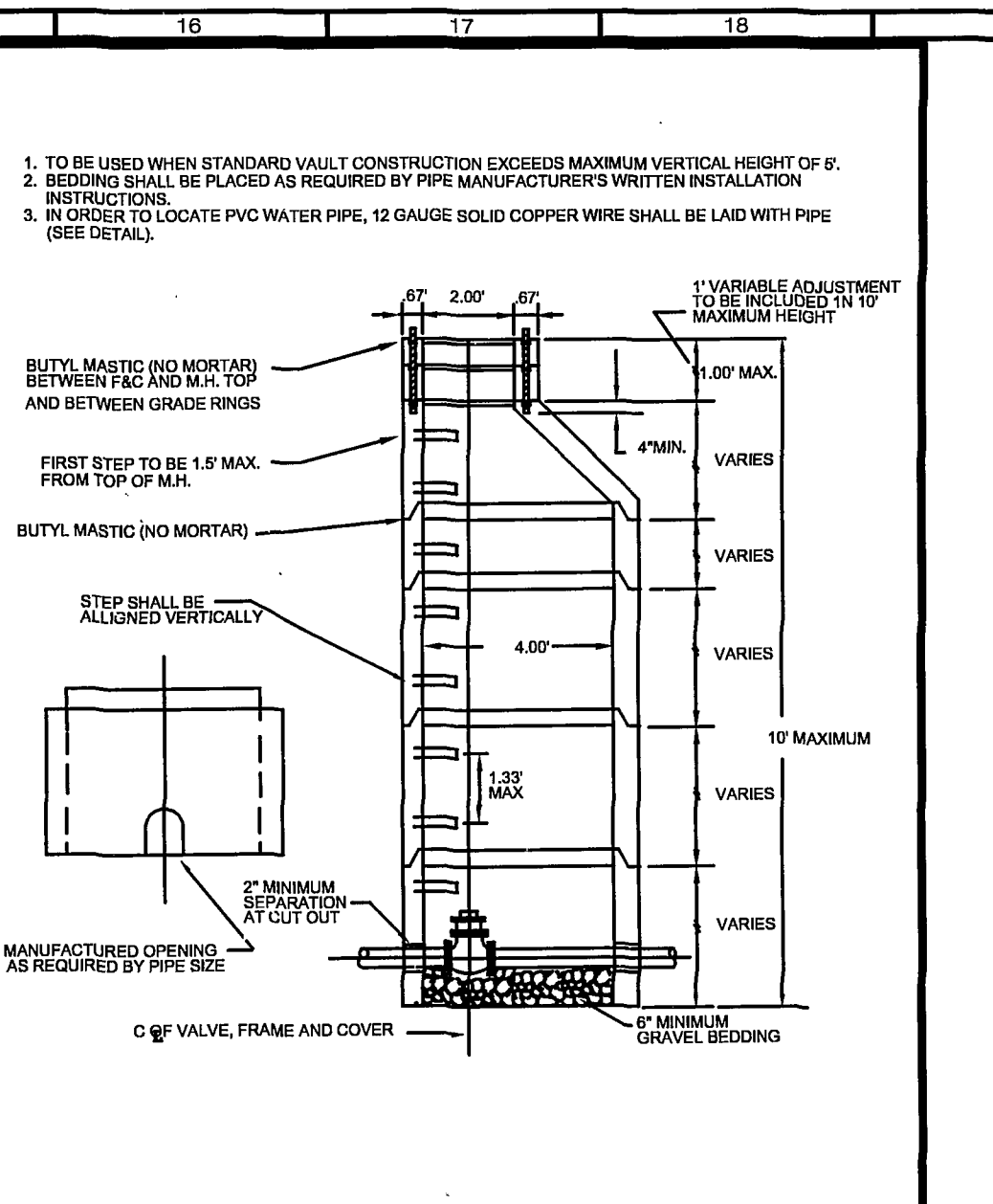
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	PERMANENT END OF LINE	W-09



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	WATER LINE VALVE INSTALLATION	W-08



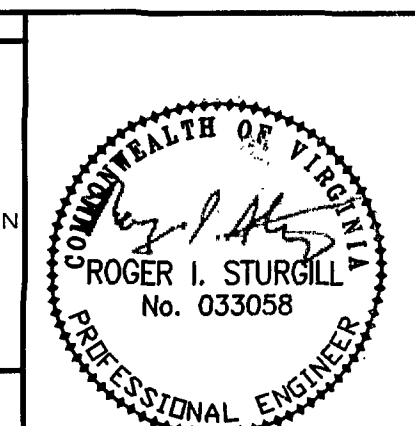
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	THRUST BLOCK CONSTRUCTION	W-19



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	ALTERNATE VALVE VAULT (MANHOLE)	W-15

WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	THRUST RESTRAINT OF PIPE JOINTS DESIGN LENGTHS	W-20

WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE		
07/01/04	THRUST RESTRAINT OF PIPE JOINTS DESIGN LENGTHS	W-20



BALZER AND ASSOCIATES, INC.
PLANNERS • ARCHITECTS
ENGINEERS • SURVEYORS

1208 Corporate Circle
Roanoke, Virginia 24018
Phone: 540/772-9550
FAX: 540/772-8050

501 Branham Road
Richmond, Virginia 23236
Phone: 804/794-0571
FAX: 804/794-2655

880 Technology Park Drive
Suite 200
Chen Allen, Virginia 23059
Phone: 804/653-0132
FAX: 804/653-0133

102 Hubbard Street
Blacksburg, Virginia 24060
Phone: 540/651-0961
FAX: 540/651-0962

1567 Commerce Road
Suite 201
Verona, Virginia 24462
Phone: 540/648-9220
FAX: 540/648-3221

BUCK MOUNTAIN PATIO HOMES
CAVE SPRING
ROANOKE COUNTY, VIRGINIA

DRAWN BY: CHW
DESIGNED BY: SMH
CHECKED BY: RIS
DATE: 9-20-04

REVISIONS:
1-10-05
3-21-05
5-23-05
6-16-05
8-04-05
9-9-05

SCALE: NO SCALE

SHEET NO.

7 OF 7

JOB NO.
R0400117.00

WWW.ID# 72ML4P