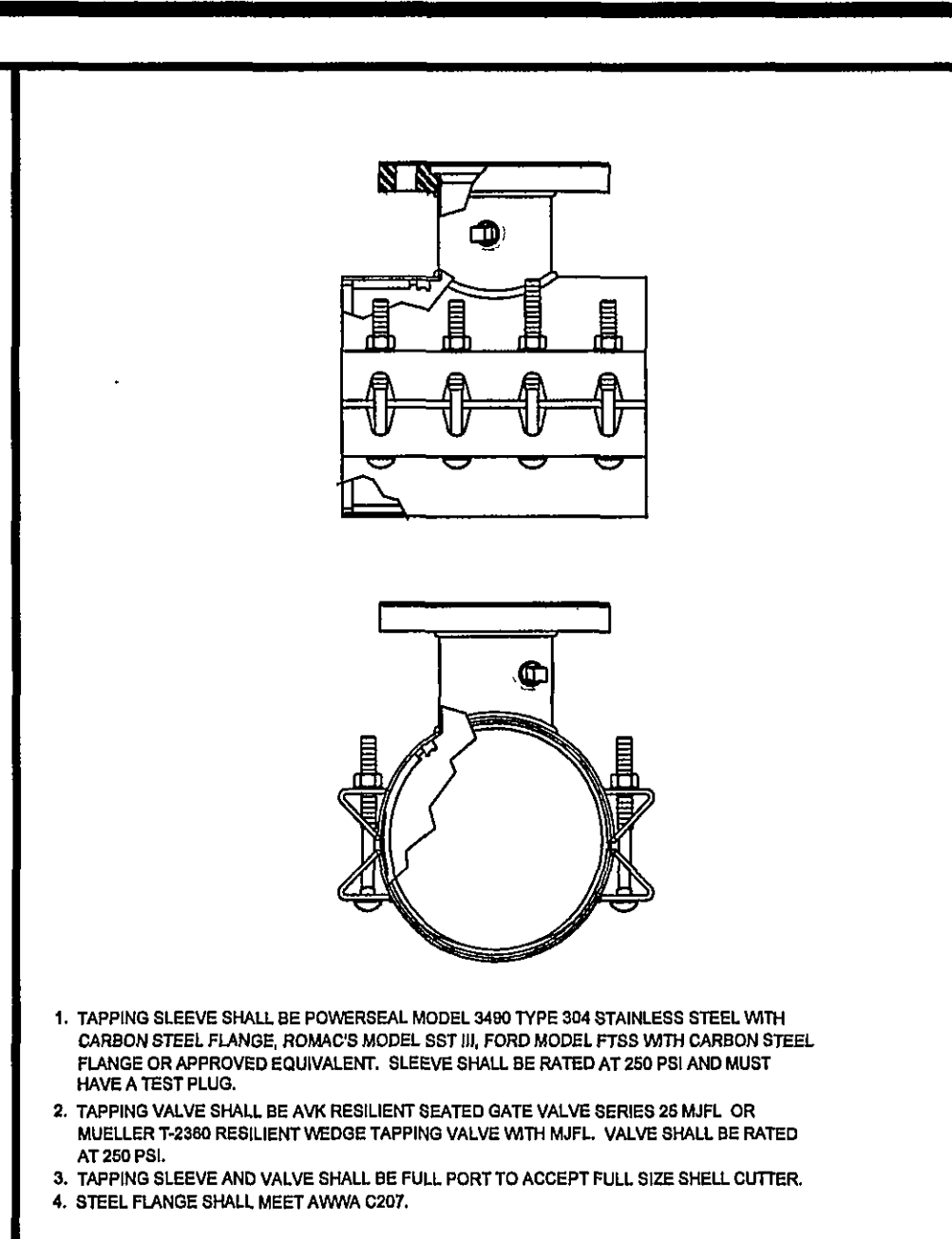
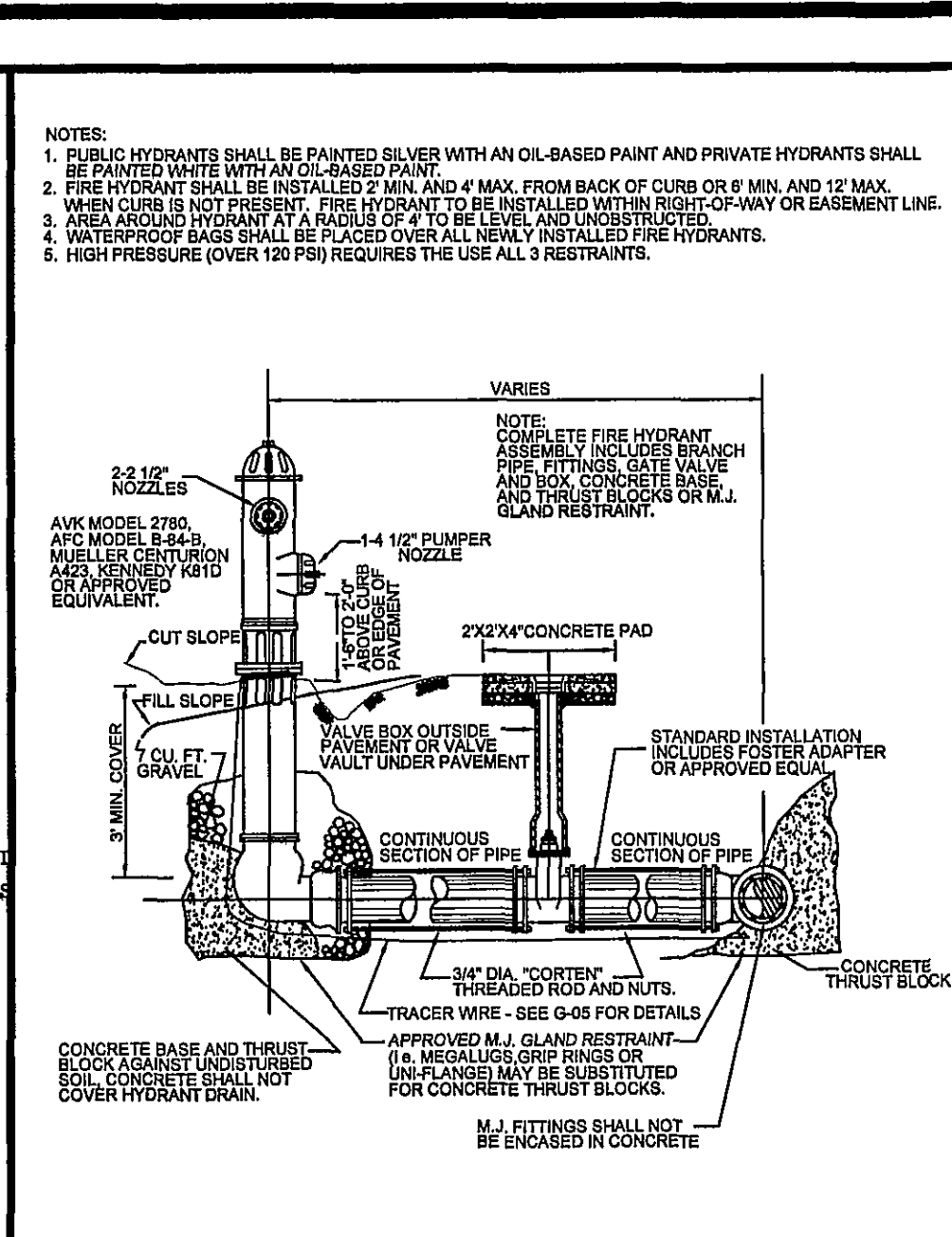
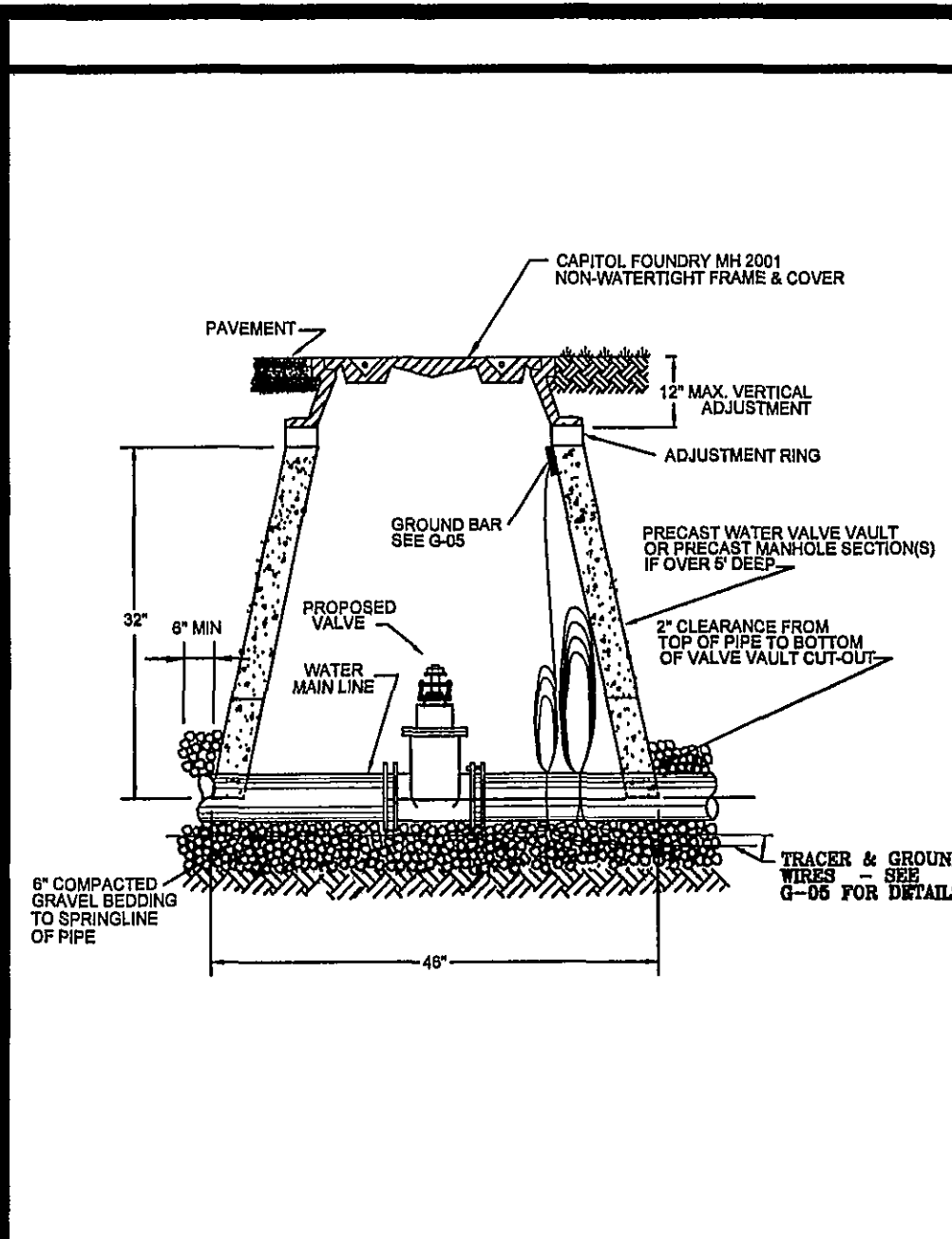


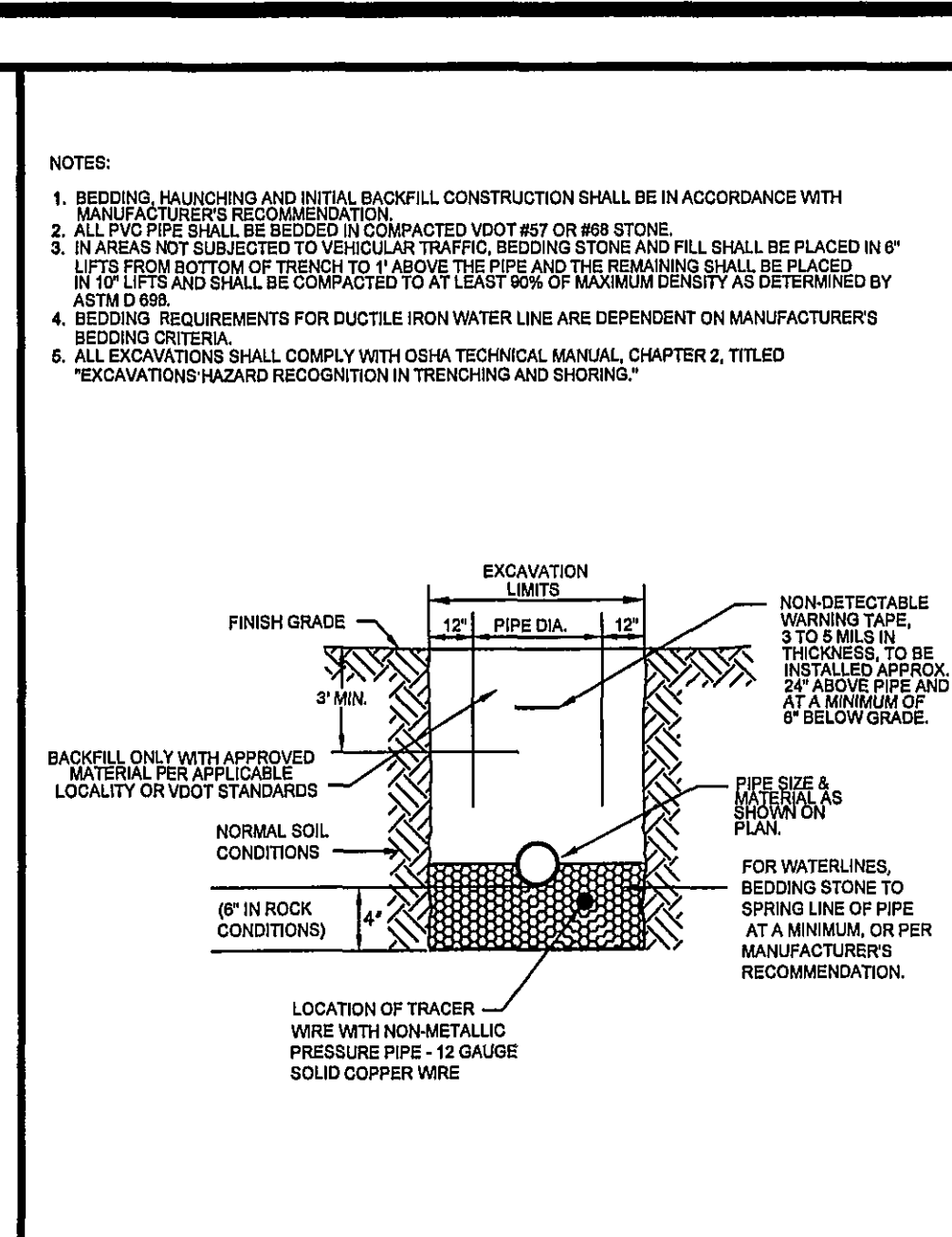
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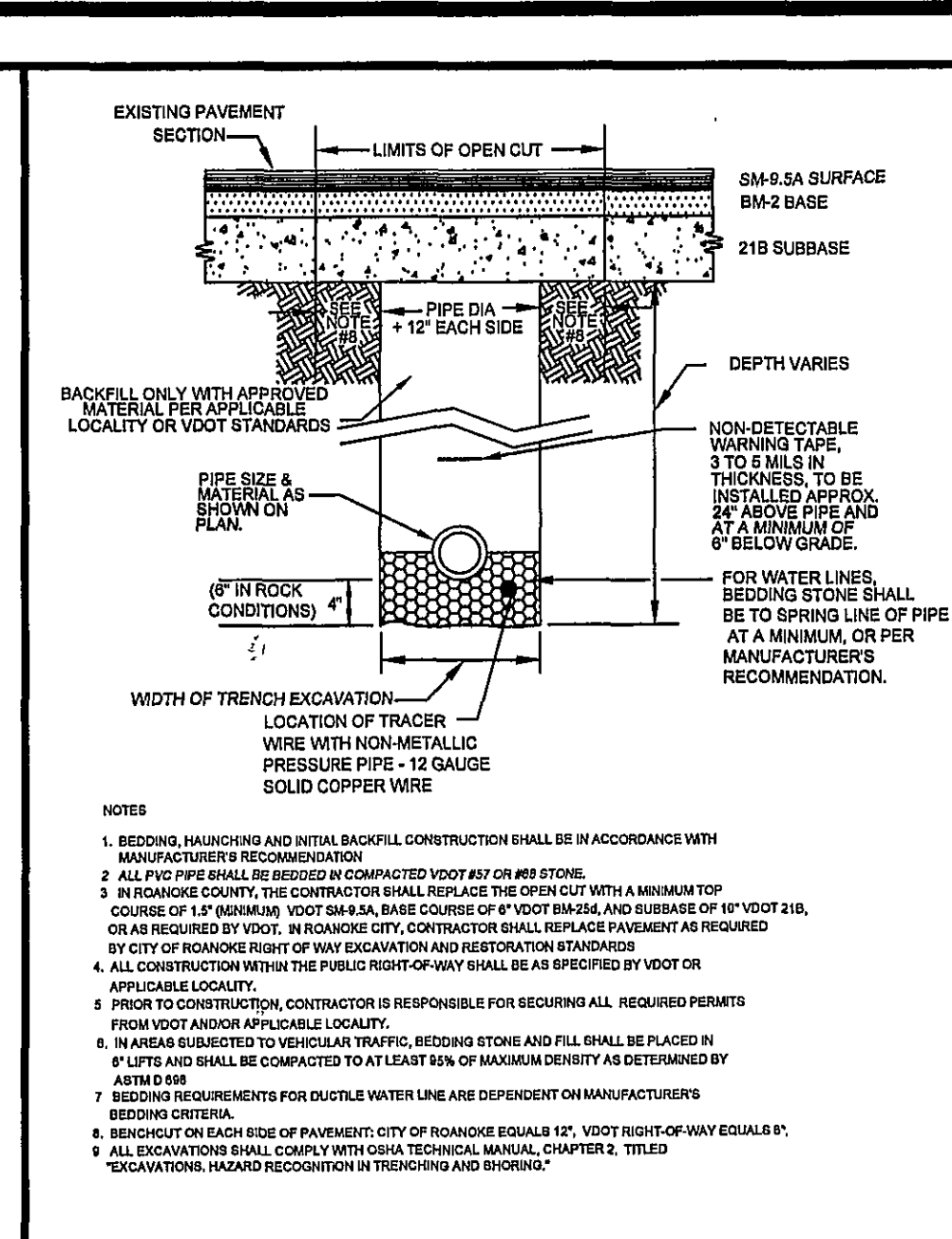
WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	W-08
07/01/04	WATER LINE VALVE	
03/01/06	INSTALLATION	

WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	W-18
07/01/04	FIRE HYDRANT	
03/01/06	ASSEMBLY	

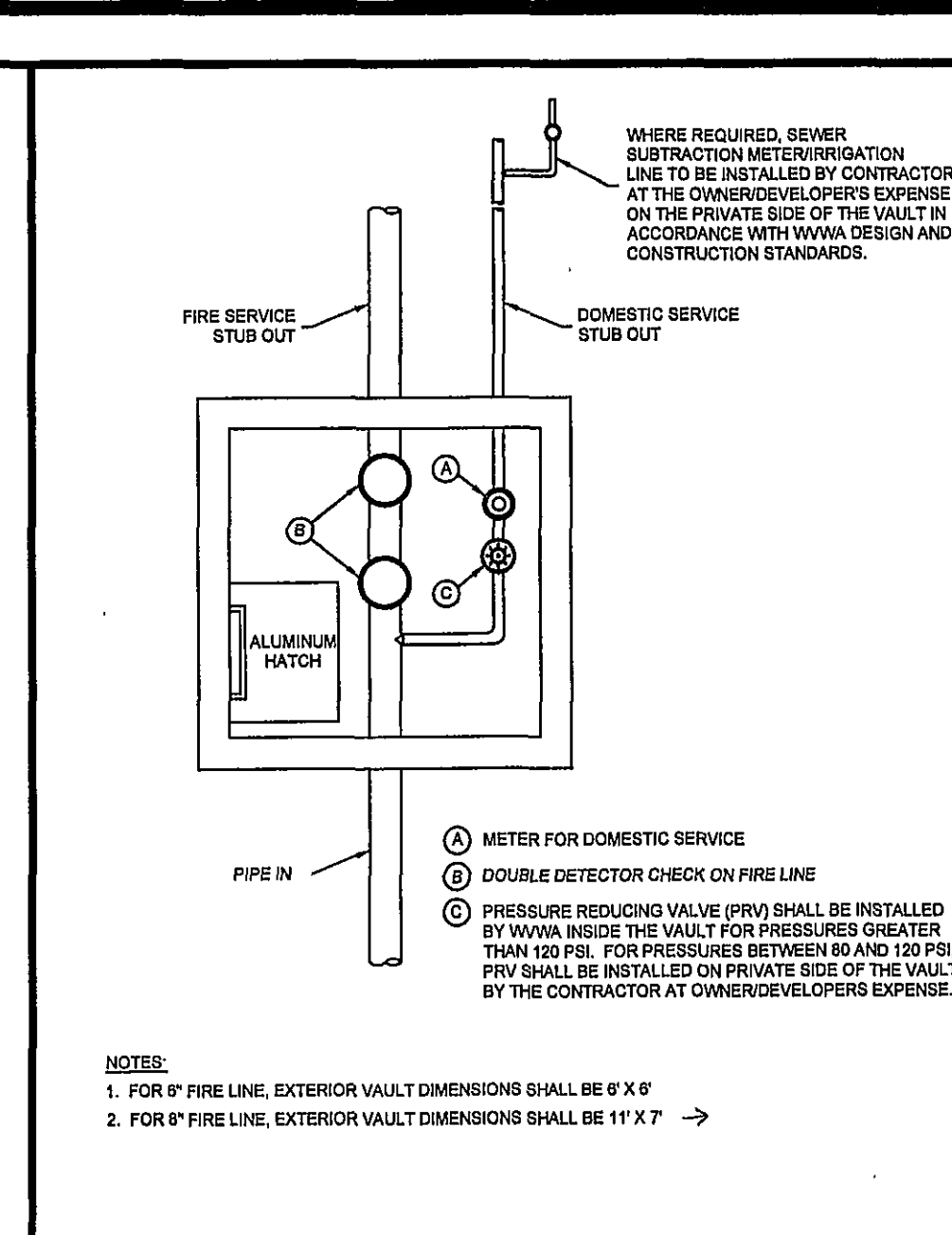
WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	W-23
07/01/04	TAPPING SLEEVE	
03/01/06	AND VALVE	



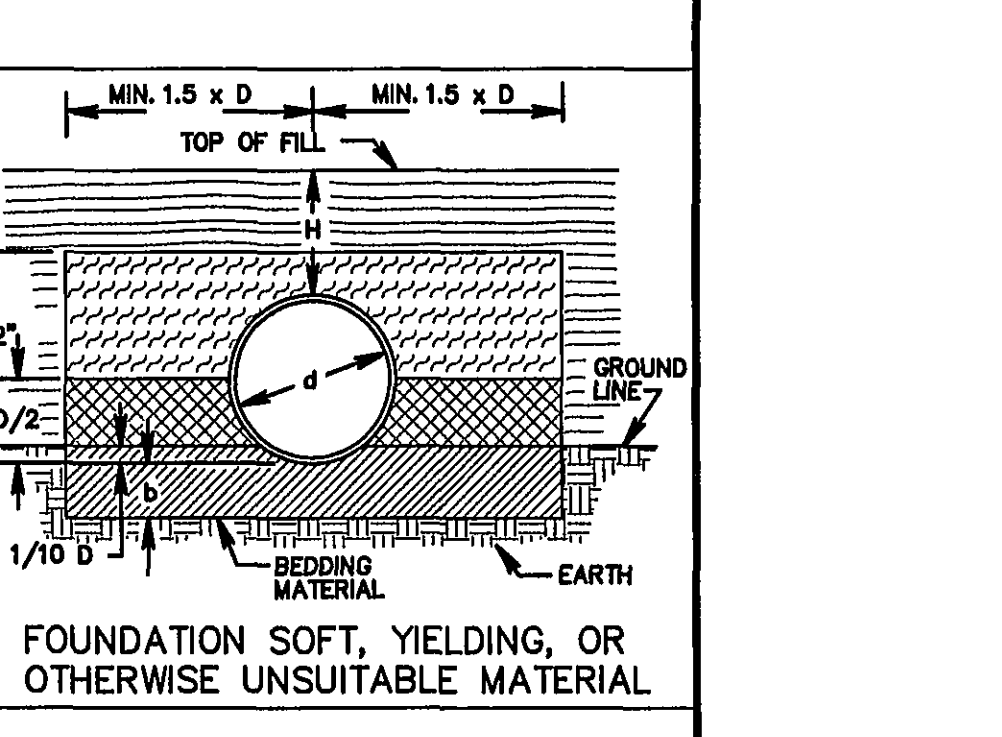
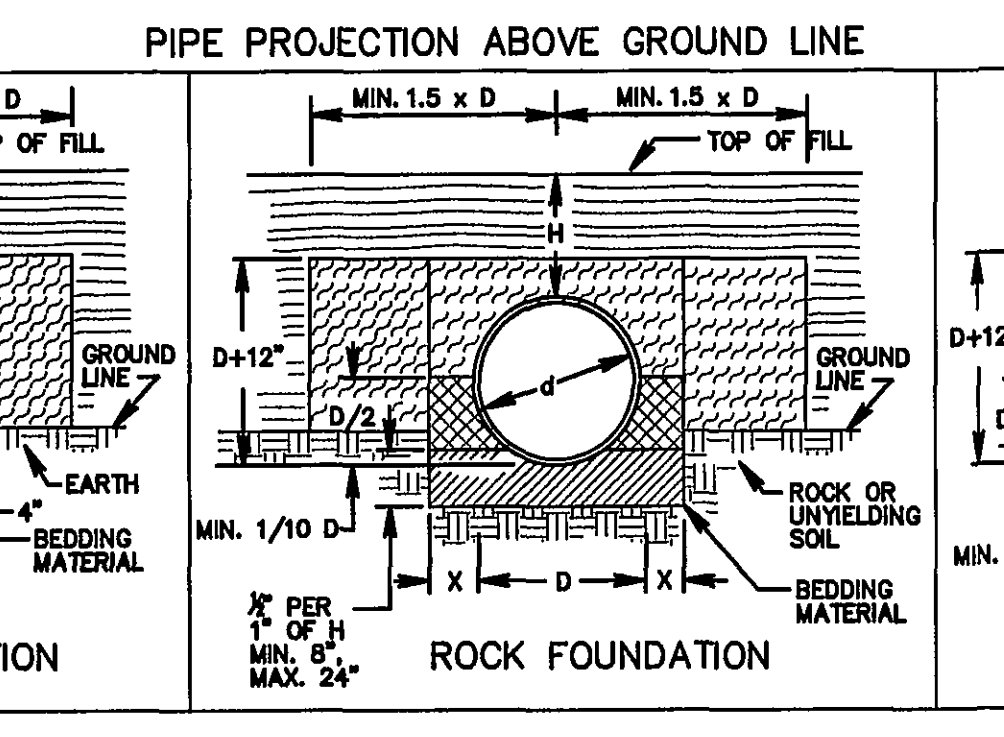
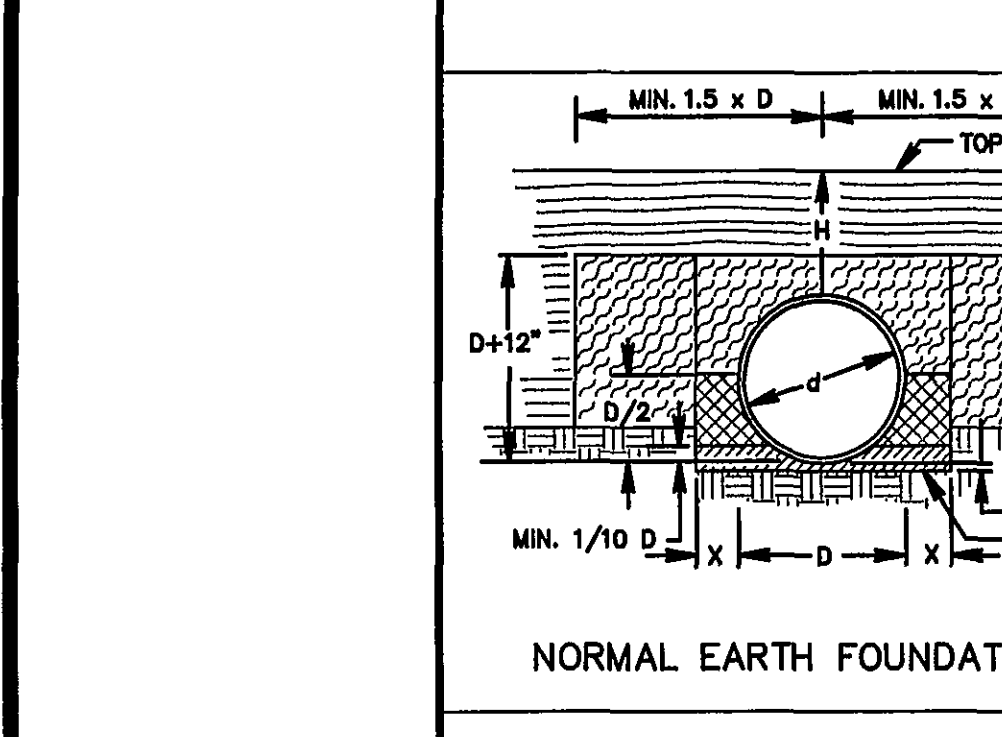
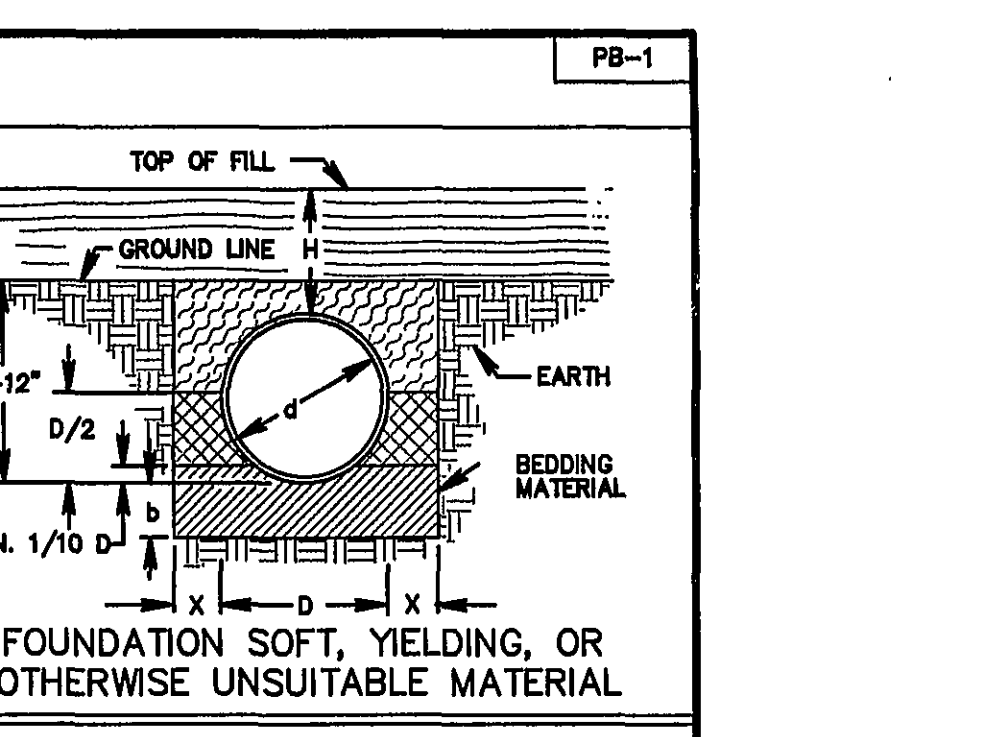
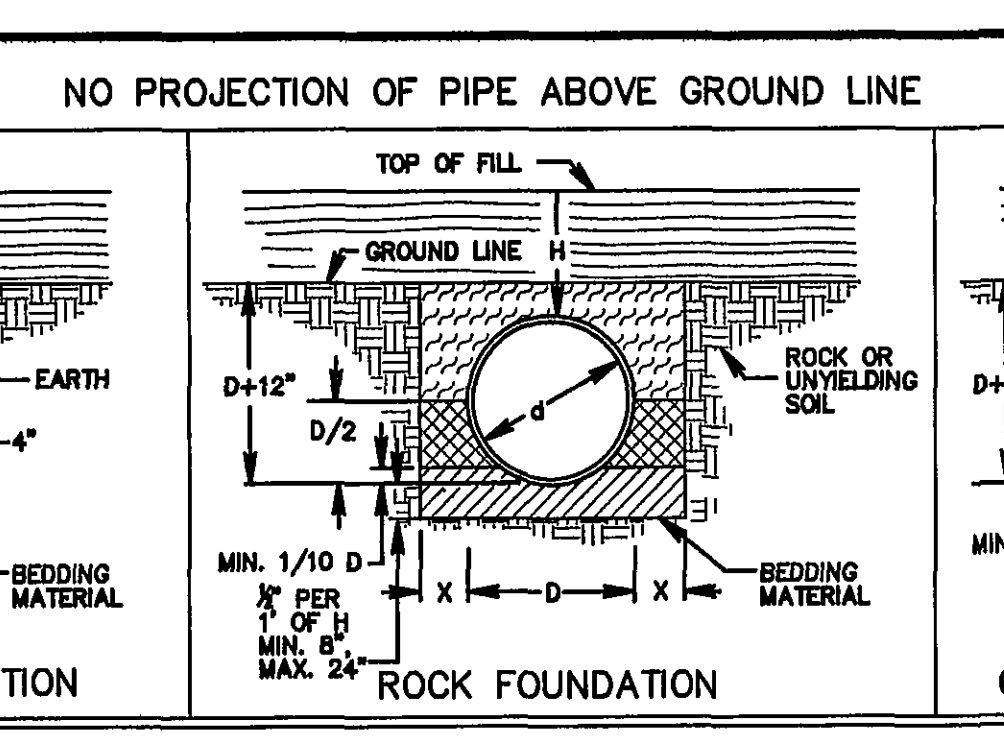
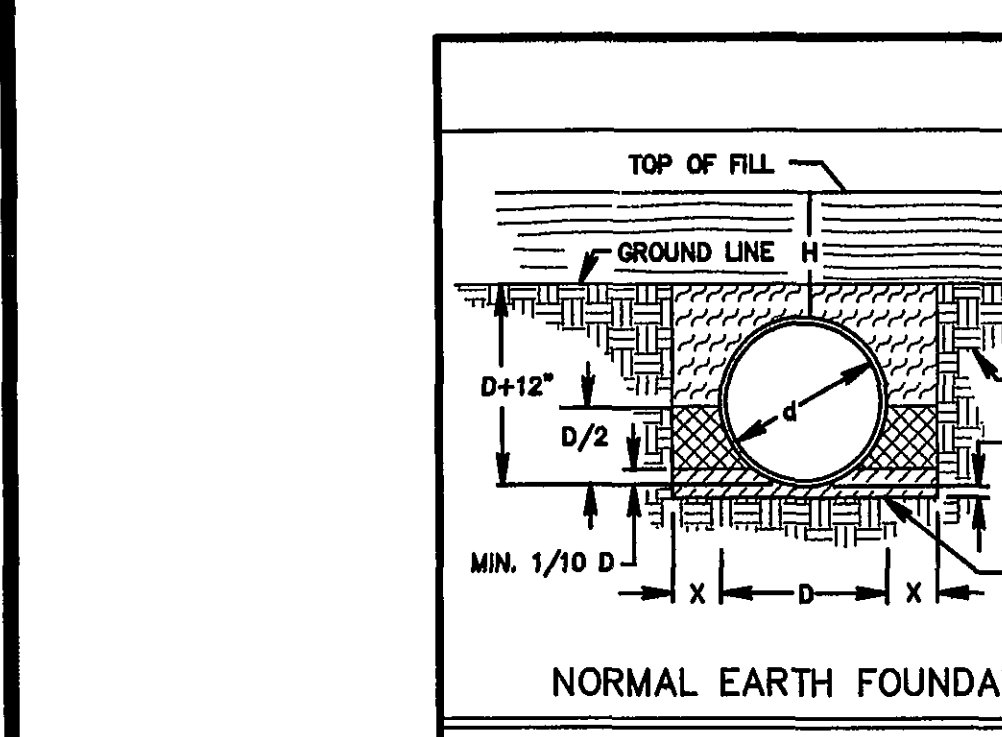
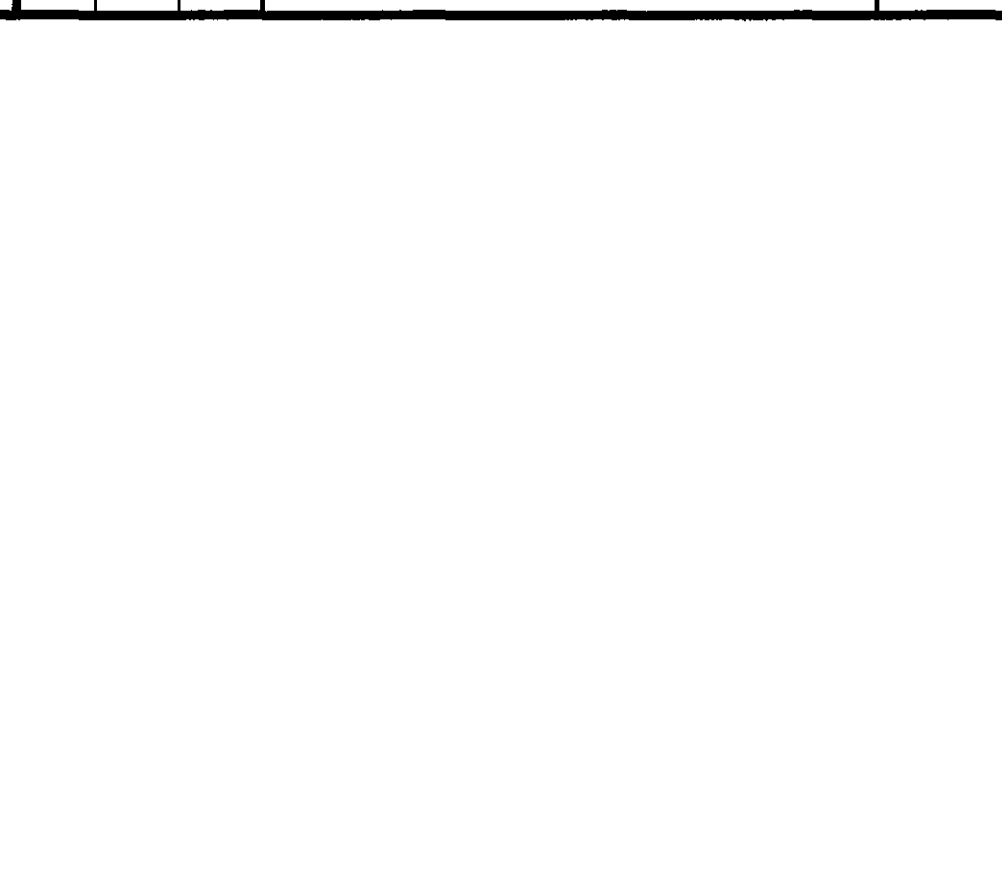
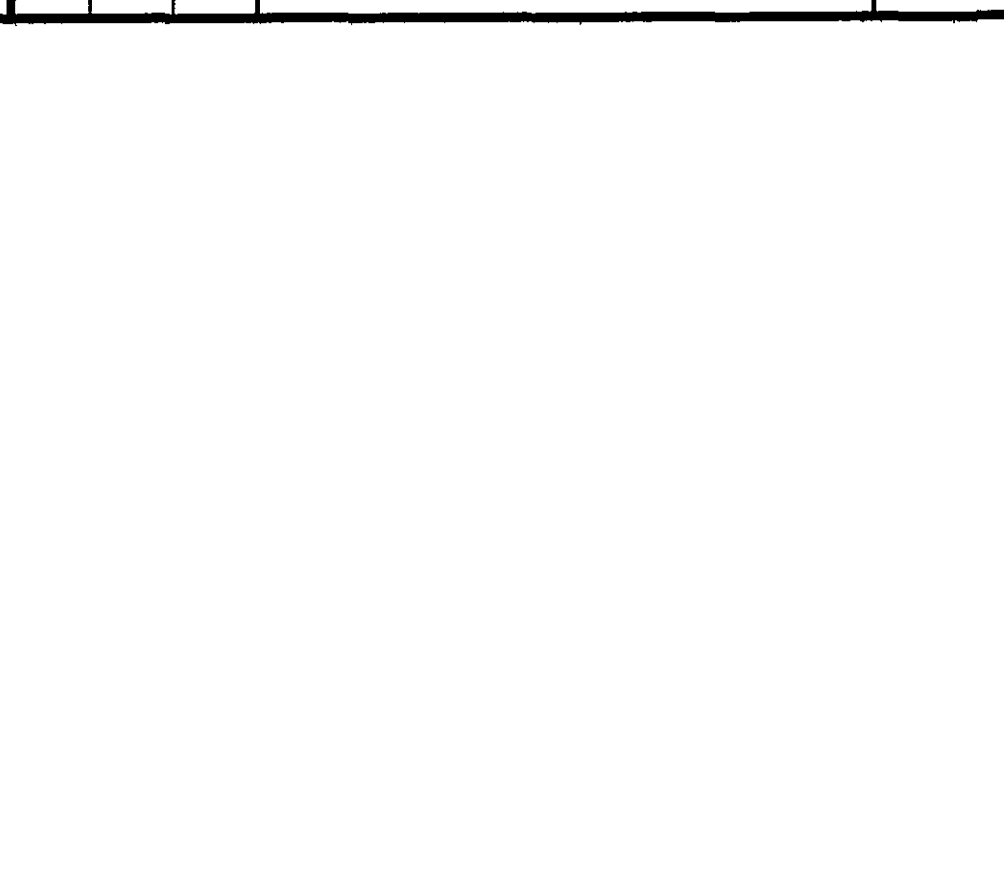
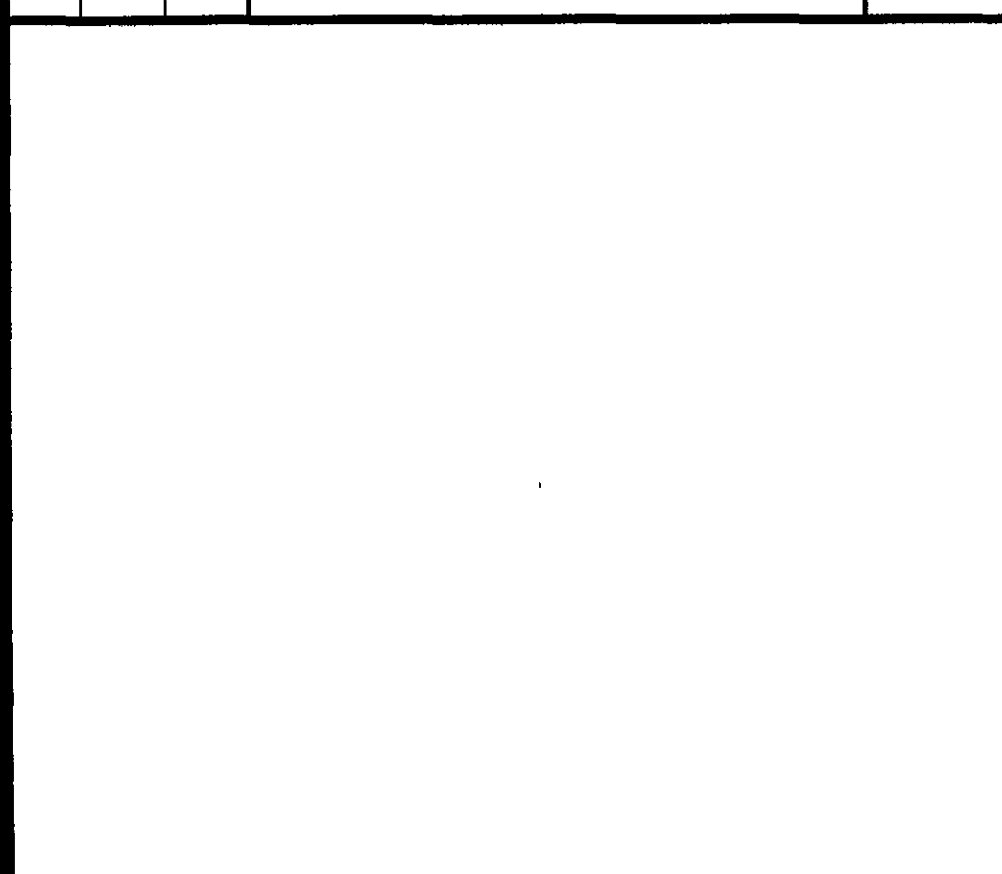
WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	W-24
07/01/04	BEDDING AND BACKFILL	
03/01/06	OUTSIDE OF PAVED AREAS	



WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	W-25
07/01/04	BEDDING AND BACKFILL	
03/01/06	UNDER PAVEMENT AND RIGHT-OF-WAY	



WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	W-26
03/01/06	WATER VAULT	



NO PROJECTION OF PIPE ABOVE GROUND LINE

PIPE PROJECTION ABOVE GROUND LINE

LEGEND:

- BEDDING MATERIAL IN ACCORDANCE WITH SECTION 302 OF THE ROAD AND BRIDGE SPECIFICATIONS.
- CLASS 1 BACKFILL MATERIAL IN ACCORDANCE WITH SECTION 302 OF THE ROAD AND BRIDGE SPECIFICATIONS.
- REGULAR BACKFILL MATERIAL IN ACCORDANCE WITH SECTION 302 OF THE ROAD AND BRIDGE SPECIFICATIONS.
- EMBANKMENT

NOTES:

FOR PLASTIC PIPE, THE LIMITS OF THE CLASS 1 BACKFILL MATERIAL SHALL BE EXTENDED TO 12\"/>

INSTALLATION OF PIPE CULVERTS AND STORM SEWERS CIRCULAR PIPE BEDDING AND BACKFILL - METHOD "A"

VIRGINIA DEPARTMENT OF TRANSPORTATION

REVISIONS

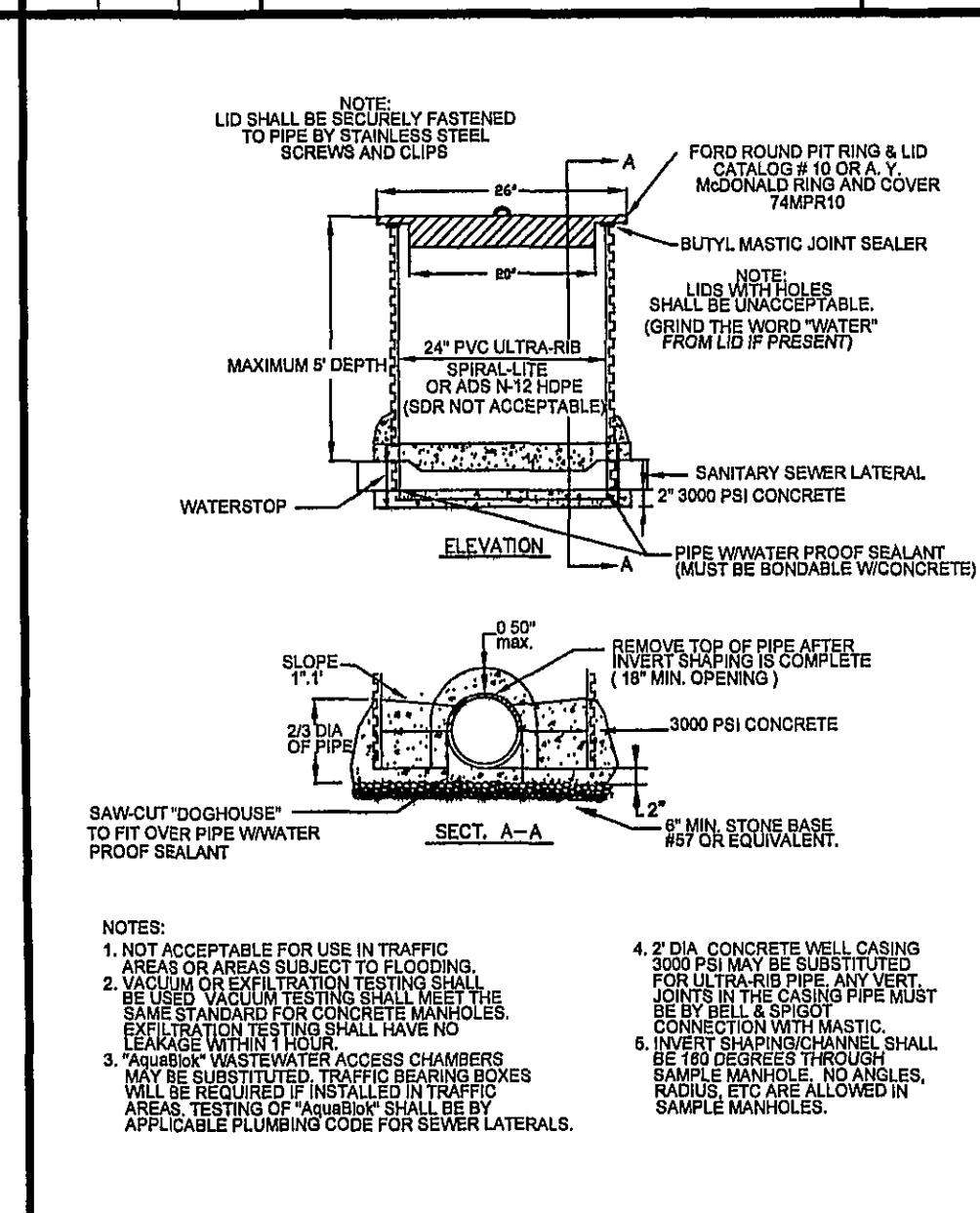
NO.	DATE	DESCRIPTION
1		
2		
3		
4		
5		

DATE: July 24, 2008

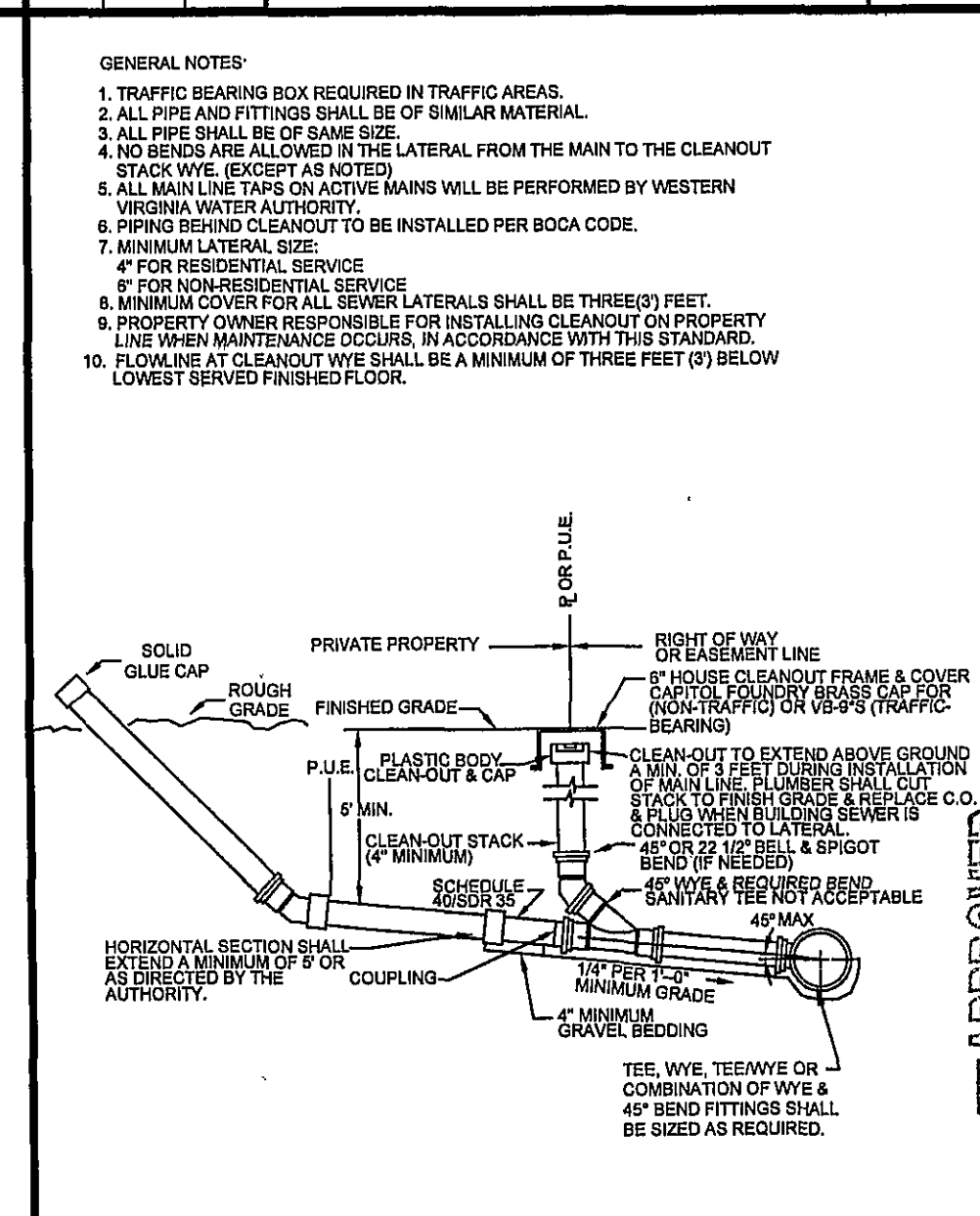
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COMMISSION NO. 2007-335

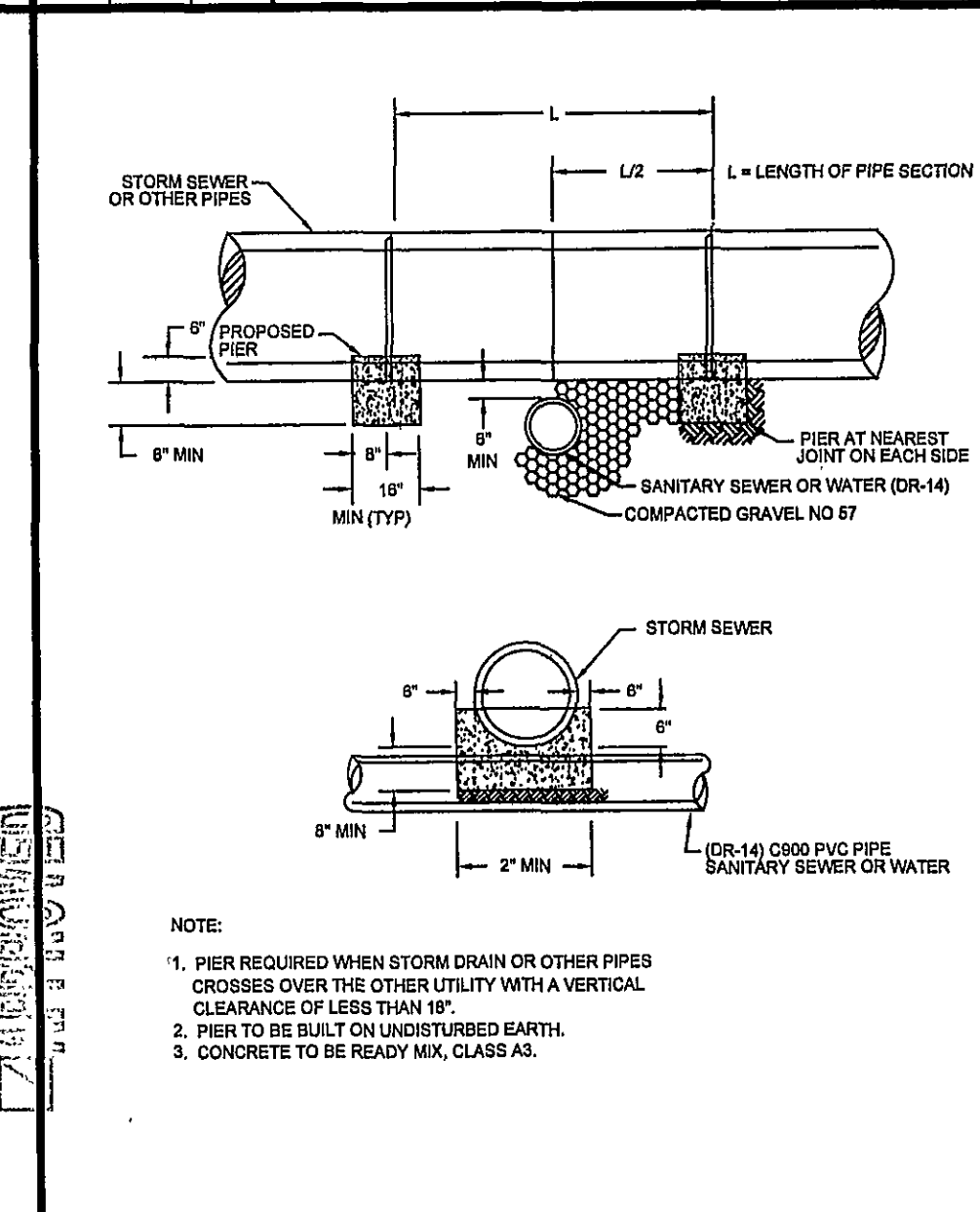
SHEET 12 OF 12



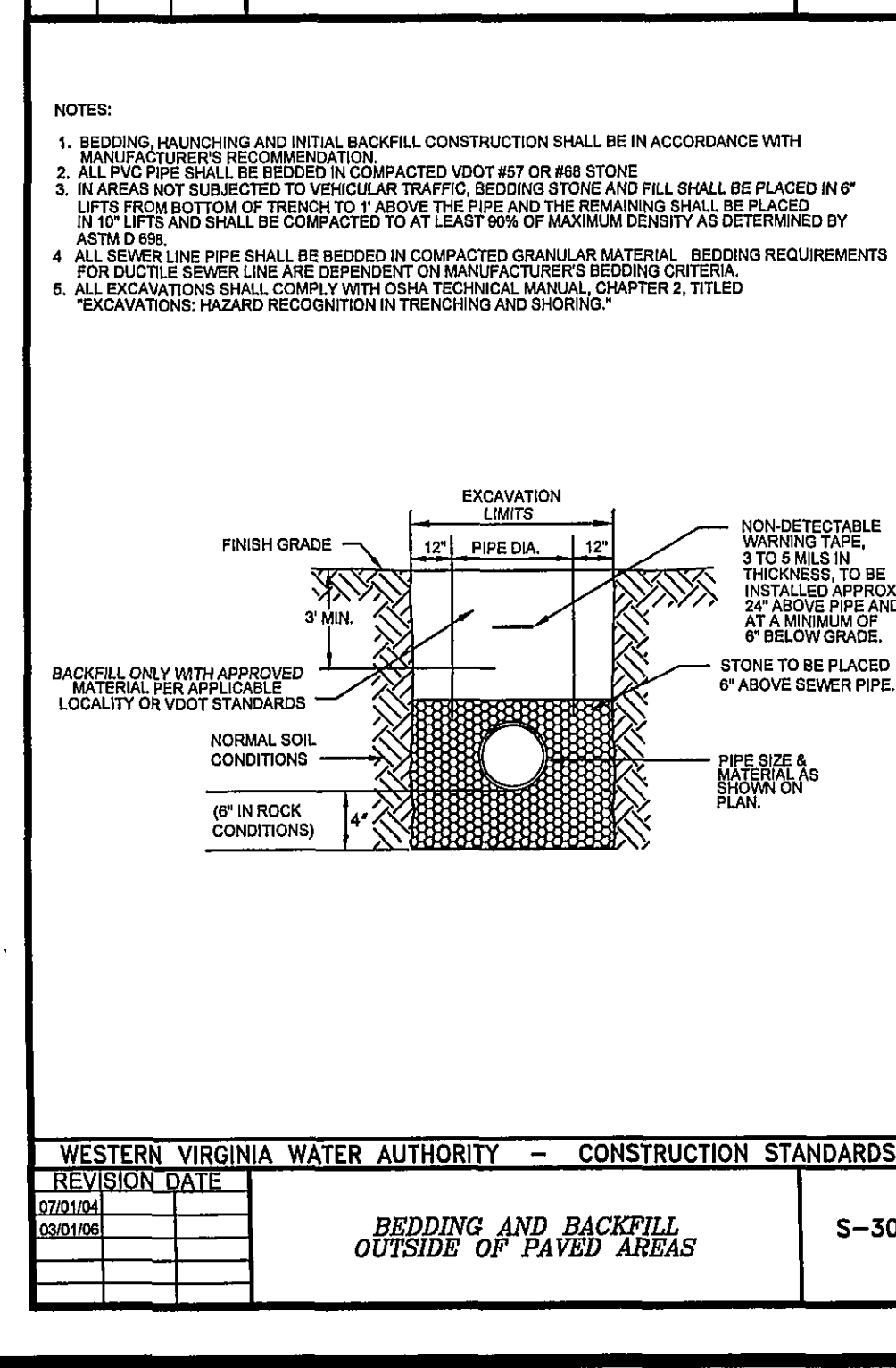
WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	S-07
07/01/04	SAMPLING STRUCTURE	
03/01/06	DETAIL	



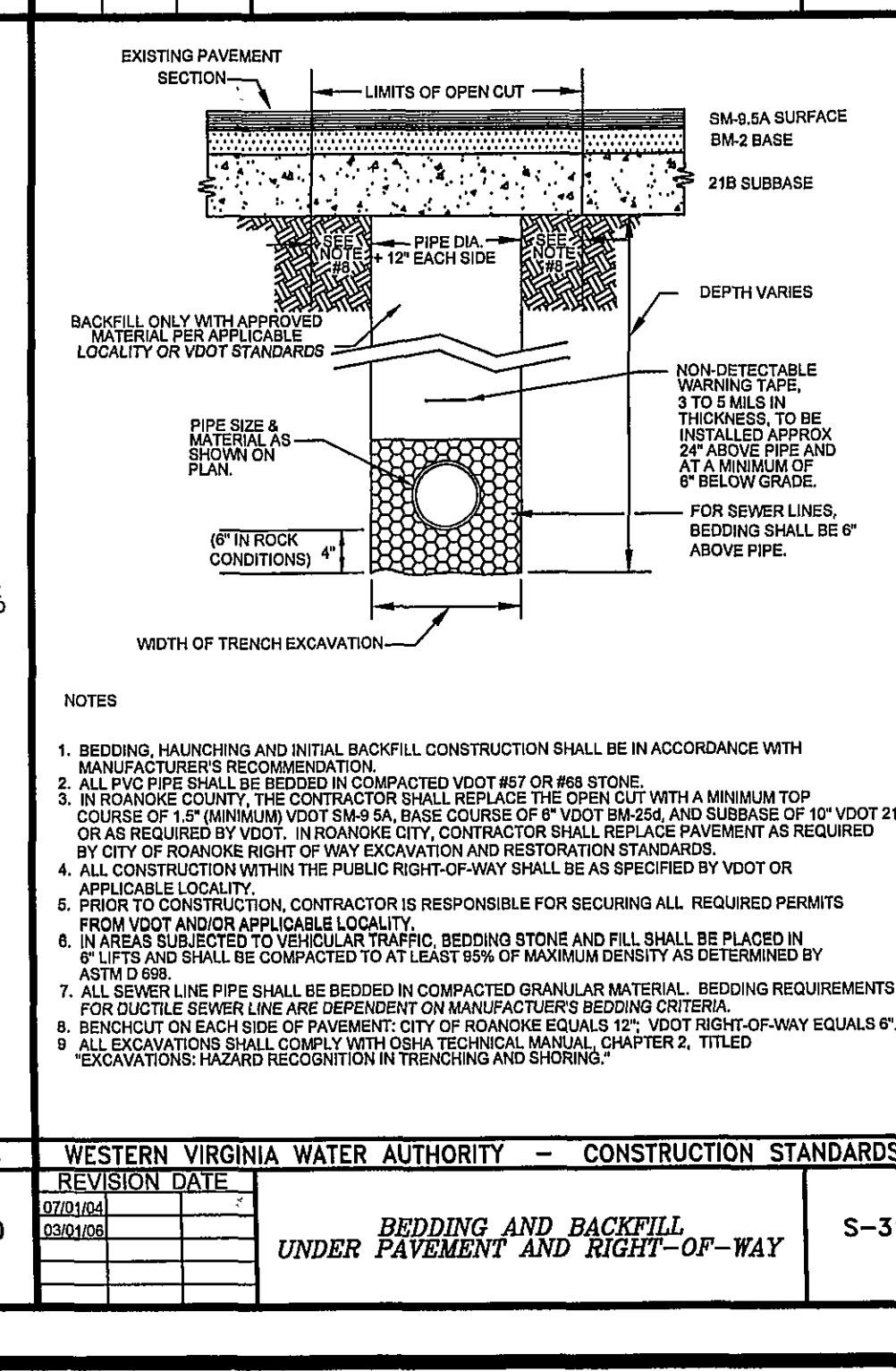
WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	S-08
07/01/04	SANITARY SEWER LATERAL	
03/01/06		



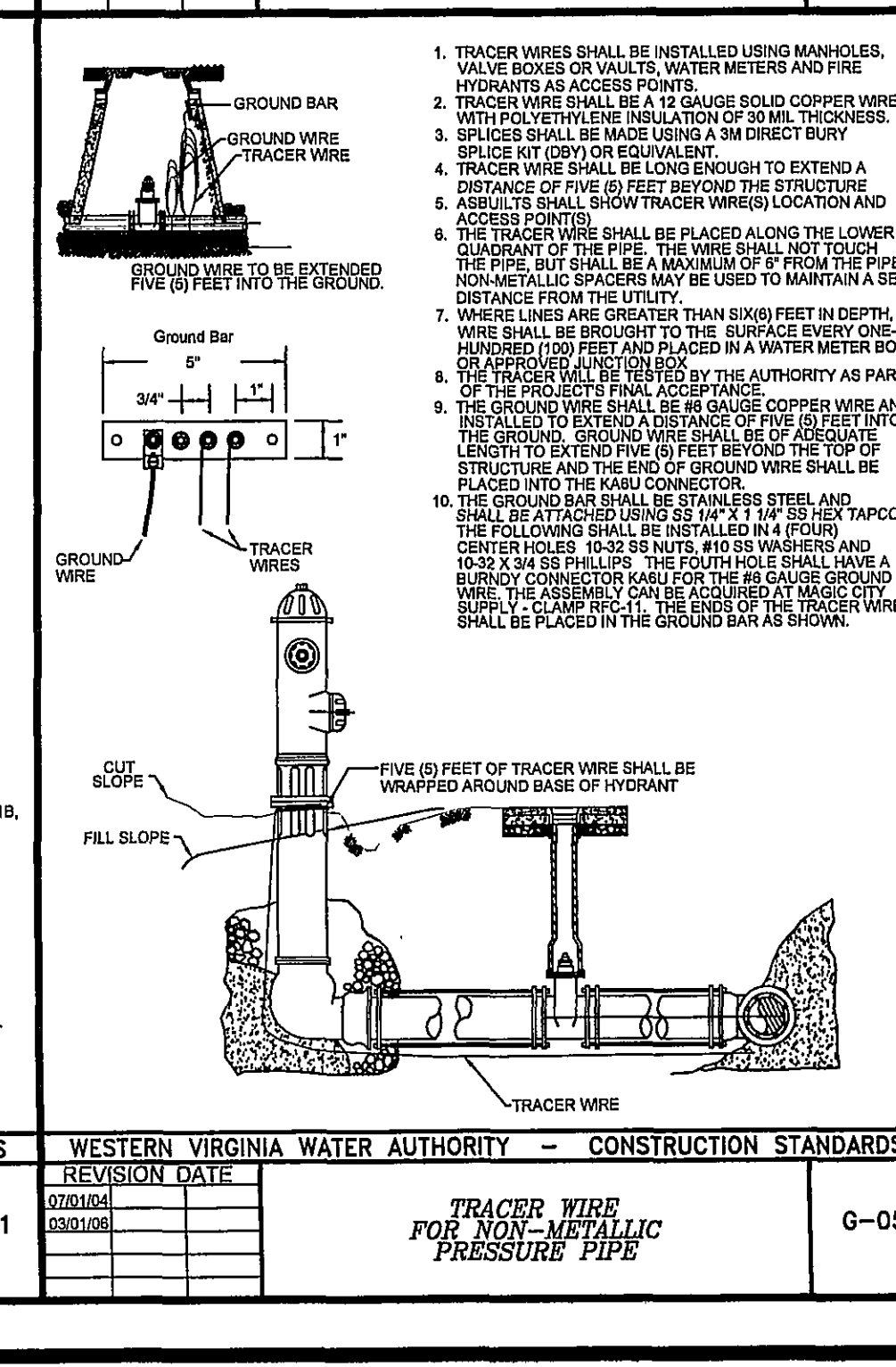
WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	S-16
07/01/04	CONCRETE PIER	



WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	S-30
07/01/04	BEDDING AND BACKFILL	
03/01/06	OUTSIDE OF PAVED AREAS	



WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	S-31
07/01/04	BEDDING AND BACKFILL	
03/01/06	UNDER PAVEMENT AND RIGHT-OF-WAY	



WESTERN VIRGINIA WATER AUTHORITY -- CONSTRUCTION STANDARDS		
REVISION DATE	DESCRIPTION	G-05
07/01/04	TRACER WIRE	
03/01/06	FOR NON-METALLIC PRESSURE PIPE	

LUMSDEN ASSOCIATES, P.C.  
ENGINEERS-SURVEYORS-PLANNERS  
ROANOKE, VIRGINIA

7-24-08  
B. LEE  
HENDERSON, JR.  
Lic. No. 017691

WATER AND SANITARY SEWER DETAILS

EXPANSION AT  
HAMPTON INN  
PLANTATION ROAD  
PREPARED FOR  
PD LODGING ASSOCIATES, LLC  
HOLLIS MAGISTERIAL DISTRICT  
ROANOKE COUNTY, VIRGINIA

PHONE: (540) 774-4411  
FAX: (540) 772-2445  
E-MAIL: MAIL@LUMSDENPC.COM

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