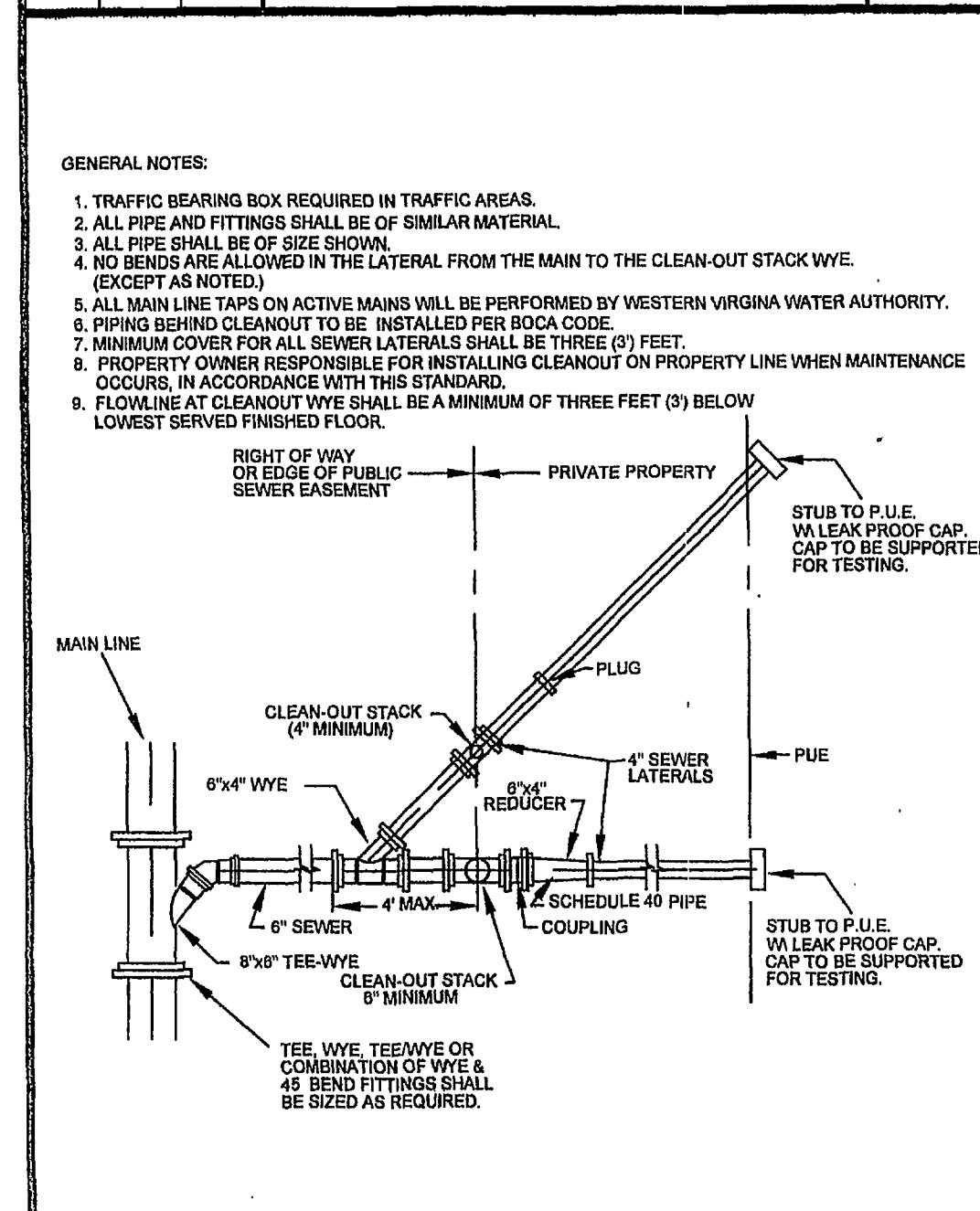
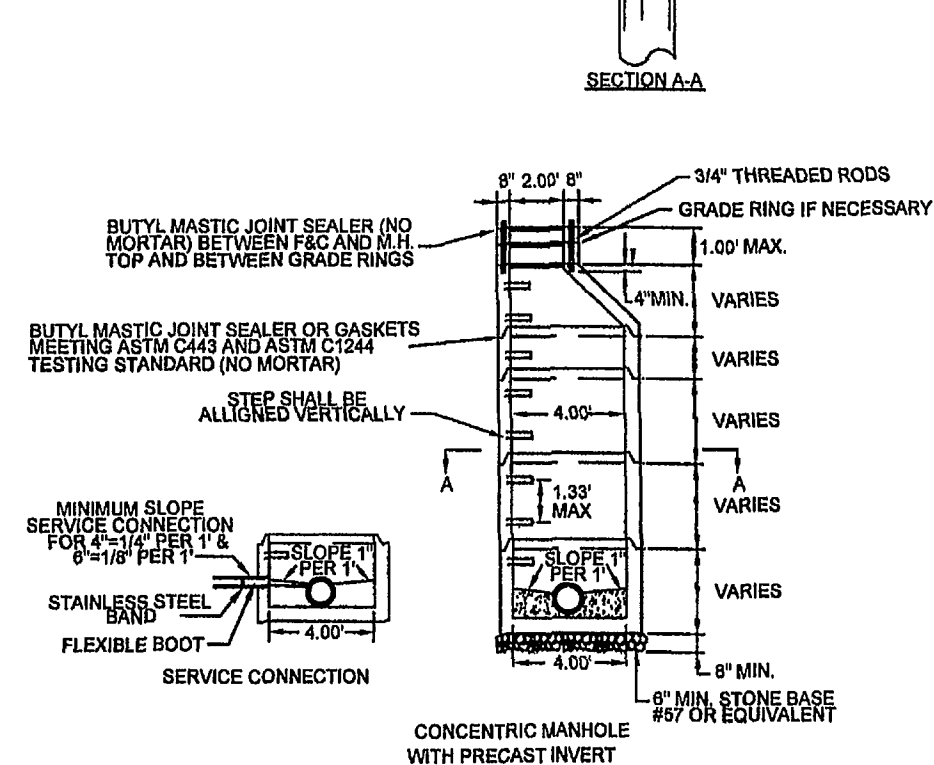
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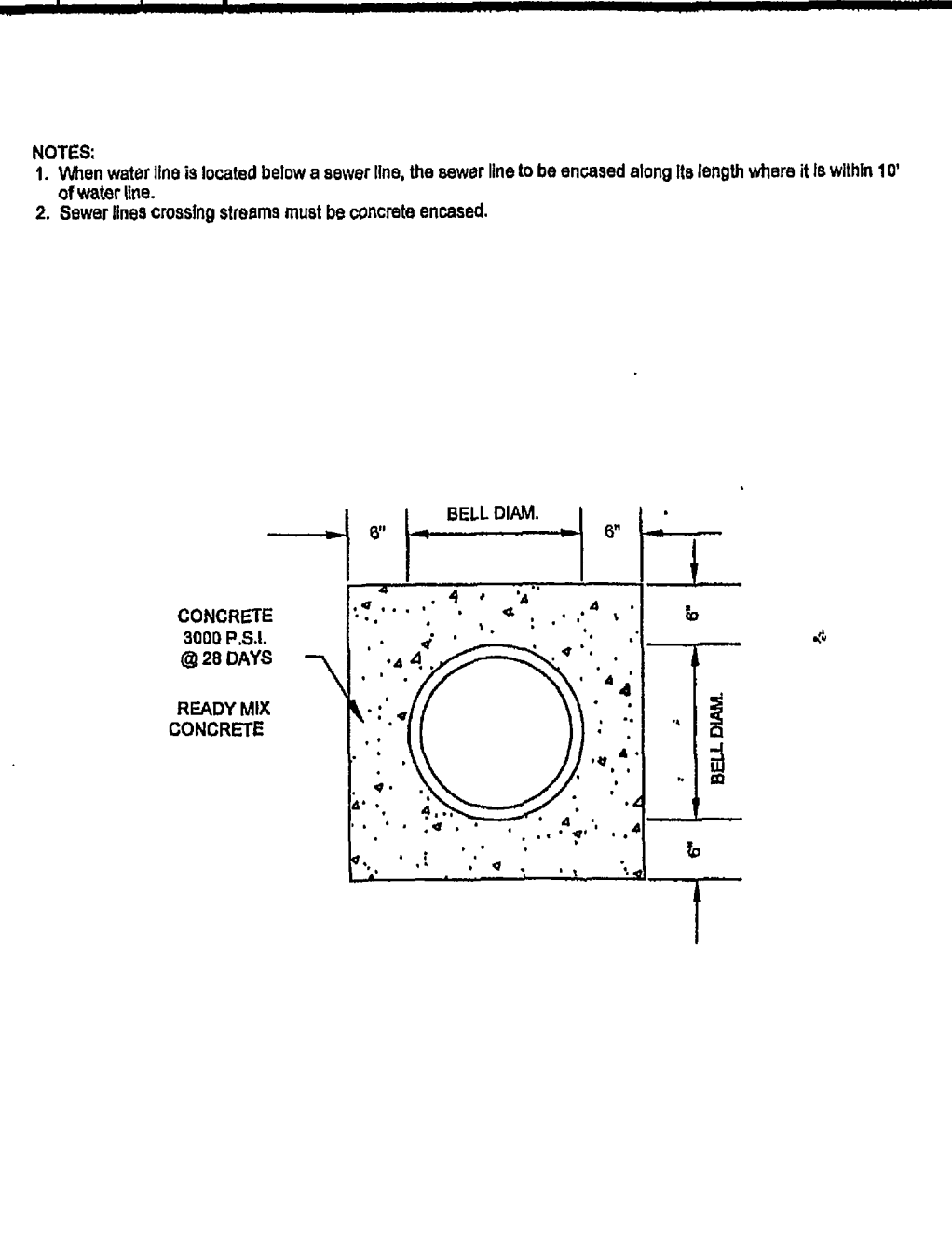
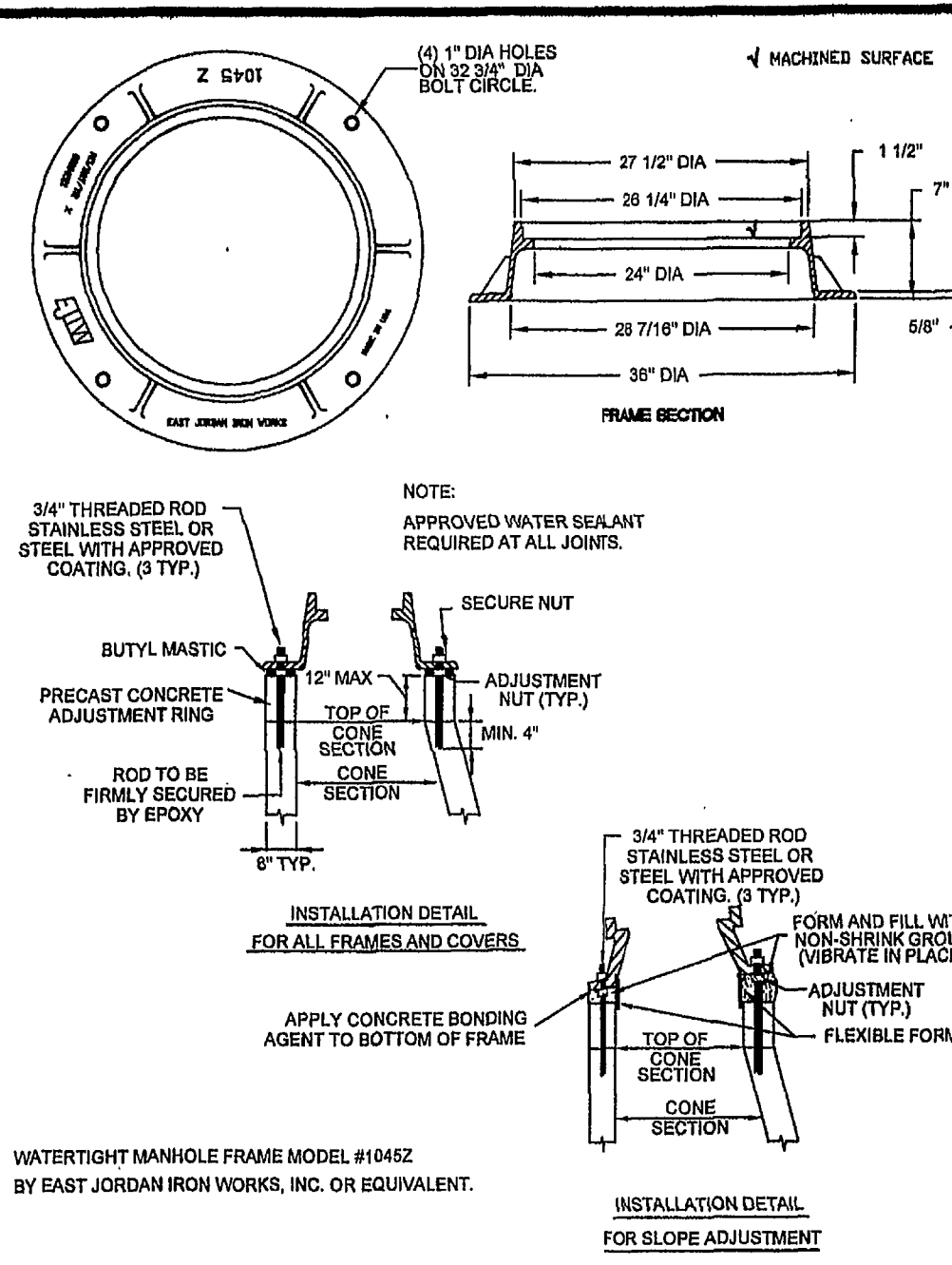
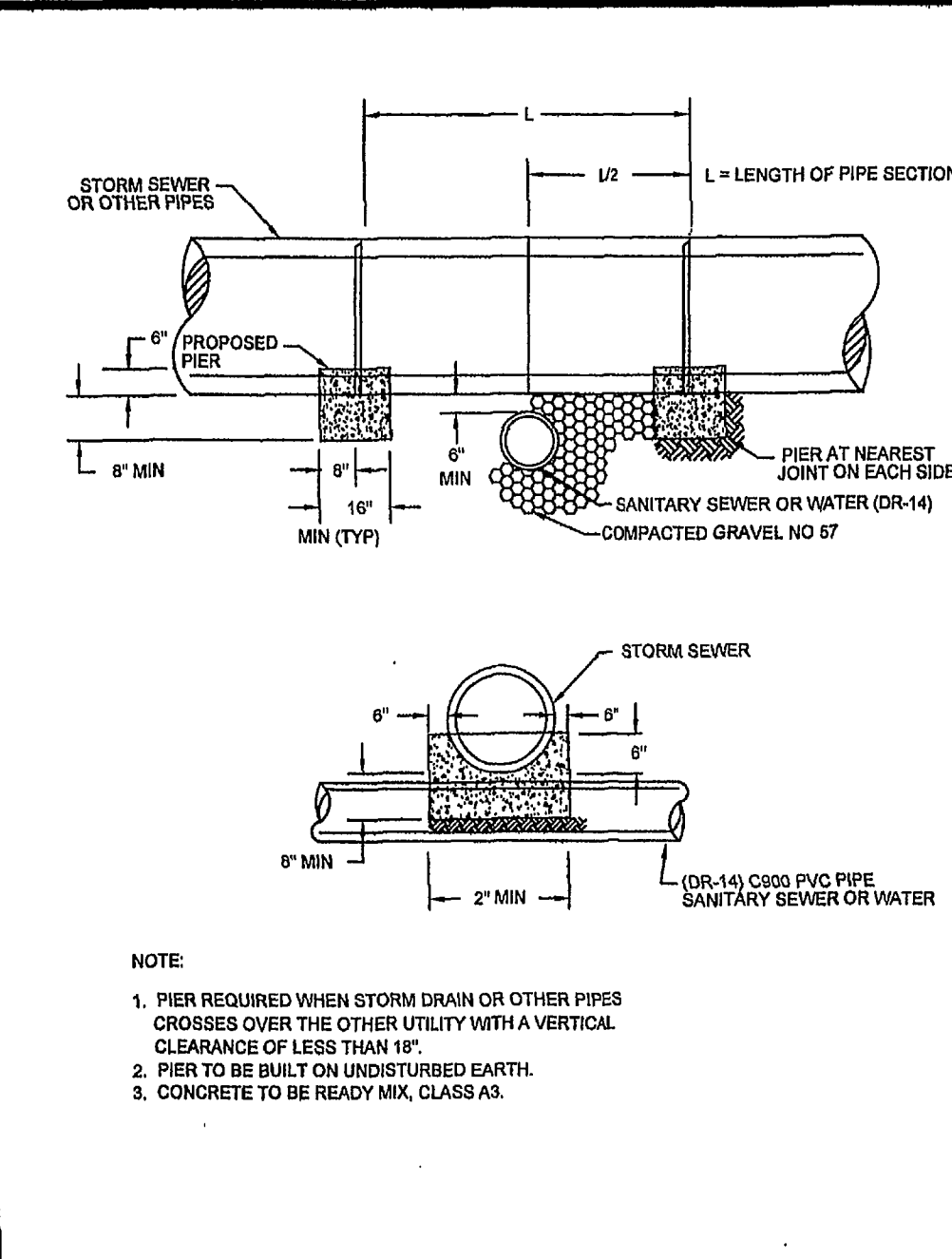
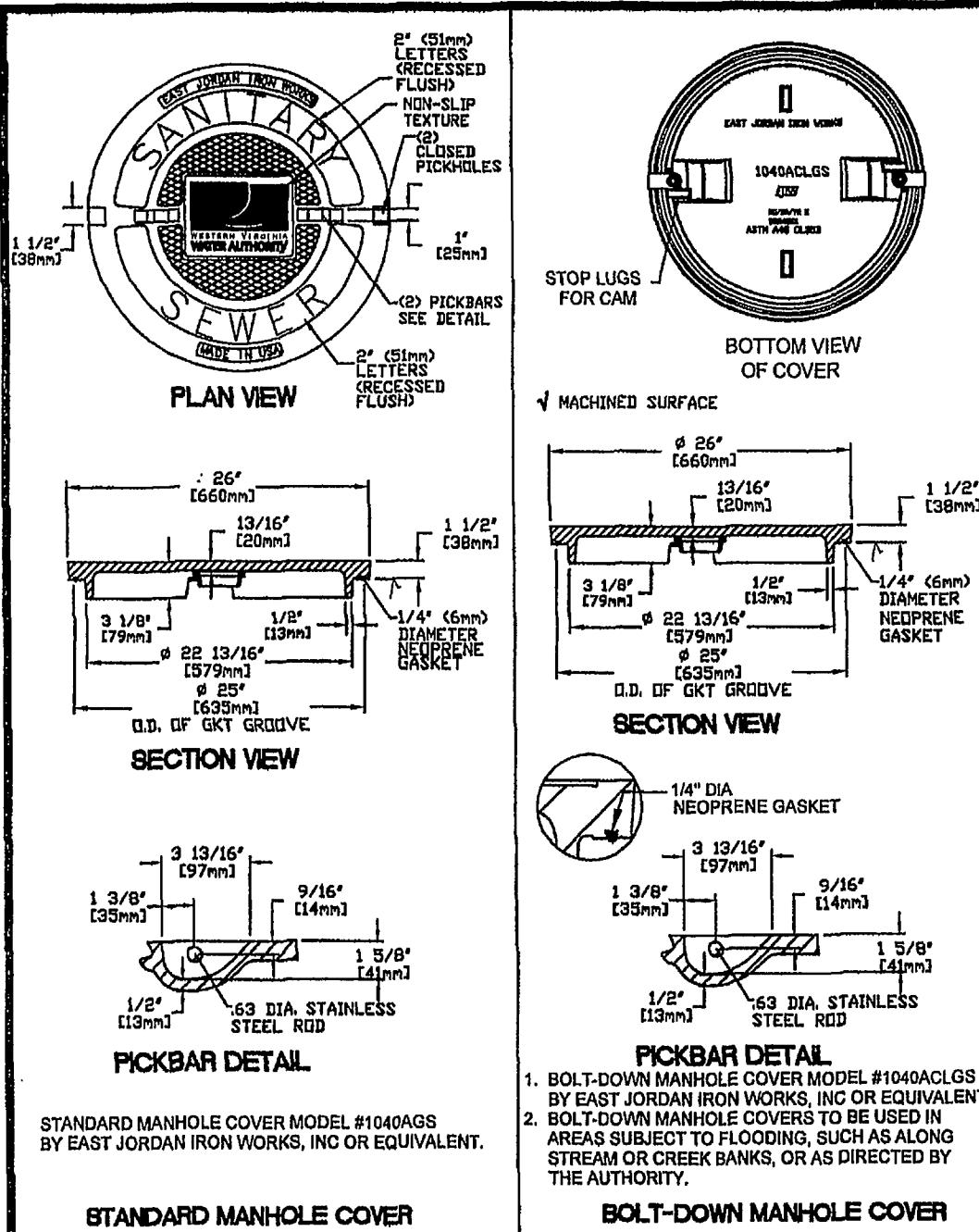
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS					
REVISION DATE					
07/21/84					
03/01/89					S-1

NOTE

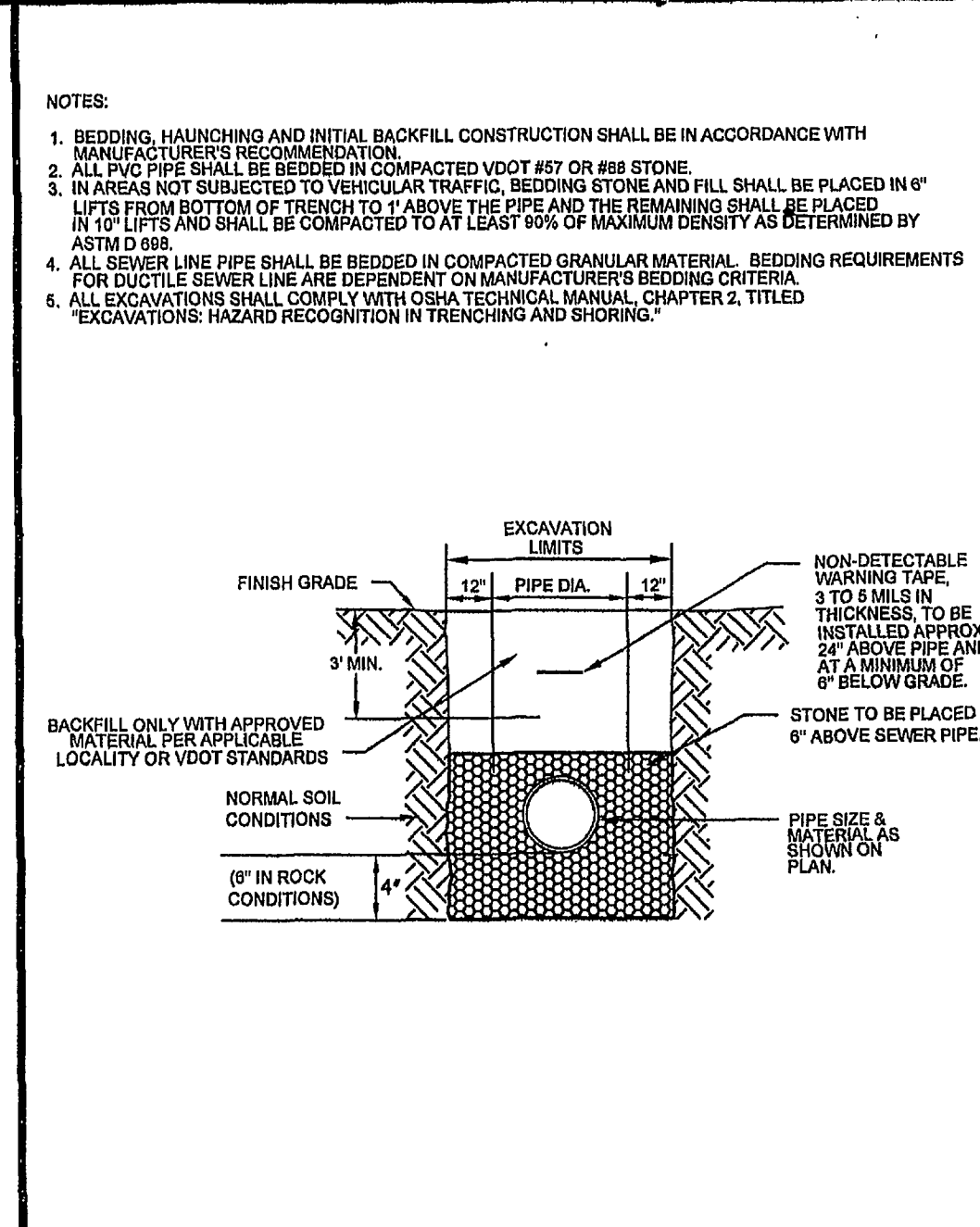
1. ALL MANHOLE FRAMES AND COVERS SHALL BE EAST JORDAN IRON WORKS, INC. WATERTIGHT MANHOLE FRAME MODEL #1045Z, WATERTIGHT COVER MODEL #1040AGS AND BOLT-DOWN MANHOLE COVER MODEL #1040AGS. THE EQUAL BOLT-DOWN MODEL TO BE USED IN AREAS SUBJECT TO SEVERE OR EXCESSIVE SOIL OR WATER PRESSURE.
2. STEPS TO BE VERTICALLY ALIGNED.
3. THE FRAME AND COVER SHALL BE PROPERLY ALIGNED WITH THE 2 FOOT OPENING OF THE STRUCTURE TO BE CONSTRUCTED.
4. FLAT TOP MANHOLES MAY ONLY BE SUBSTITUTED WITH THE PERMISSION OF THE UTILITY DIRECTOR. WHEN USED, THE ECCENTRIC OPENING MUST LINE UP WITH THE CENTER LINE.
5. SAMPLING MANHOLES IN TRAFFIC AREAS SHALL BE CONSTRUCTED AS PER MANHOLE DETAILS.
6. ALL MANHOLE FRAMES AND COVERS SHALL BE AS MANUFACTURED BY PREH-MANHOLE GASKET CORPORATION.
7. GRADE TO MINIMUM SPACE BETWEEN PIPE AND PRECAST MANHOLE ON INSIDE OF MANHOLE.



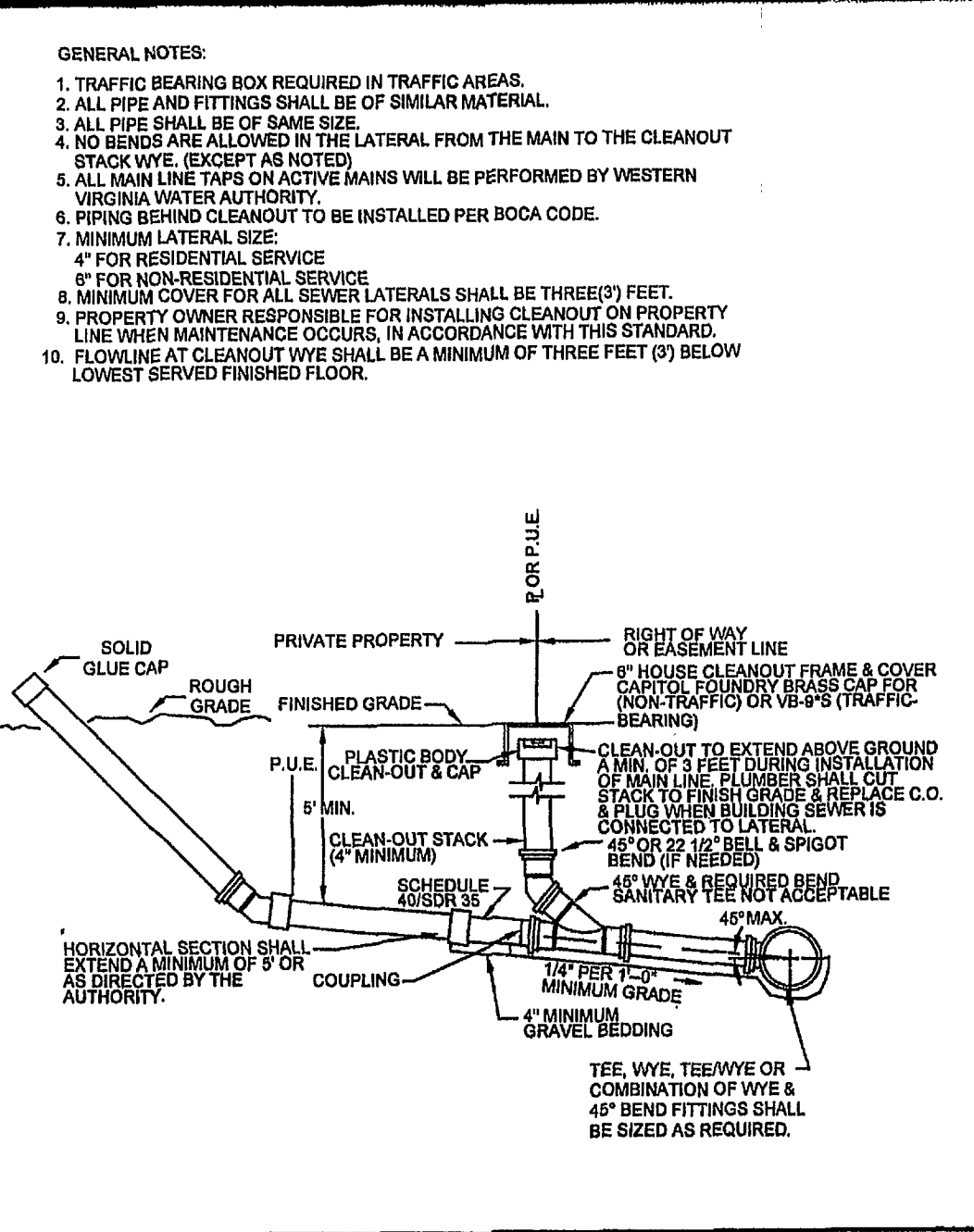
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS					
REVISION DATE					
7/8/04					
9/8/08			4' STANDARD MANHOLE FOR PIPE 15" OR SMALLER		S-01

[illegible][illegible][illegible]

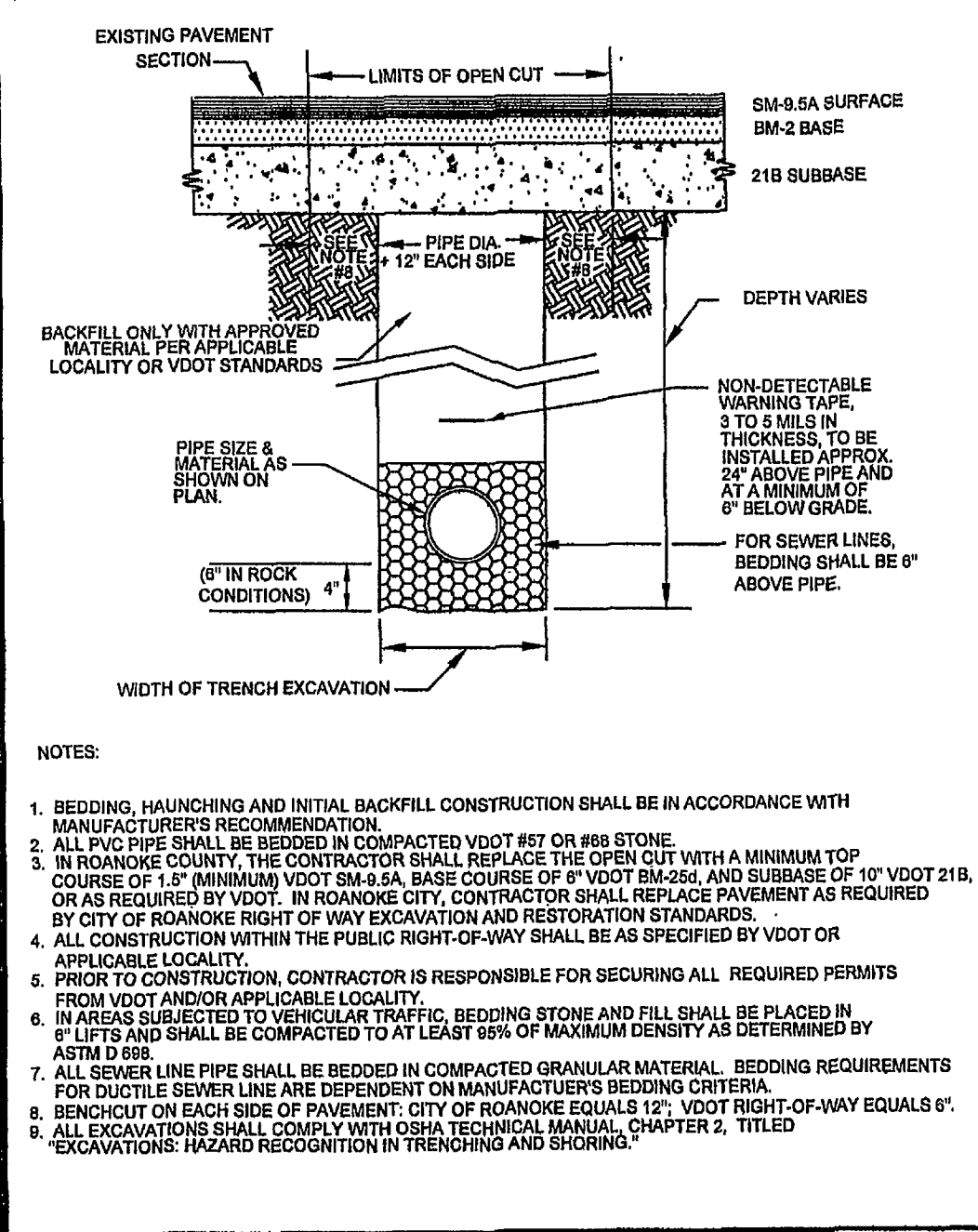
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS			
REVISION DATE		<p style="text-align: center;"><i>WATERTIGHT MANHOLE COVER</i></p>	S-06
07/01/04			
03/01/00			



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS					
REVISION DATE					
07/01/04		<i>BEDDING AND BACKFILL OUTSIDE OF PAVED AREAS</i>			S-30
08/01/08					



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS			
REVISION DATE			S-08
07/01/94	SANITARY SEWER LATERAL		
03/01/96			



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS									
REVISION DATE		<i>BEDDING AND BACKFILL UNDER PAVEMENT AND RIGHT-OF-WAY</i>						S-31	
07/01/04									
03/01/00									