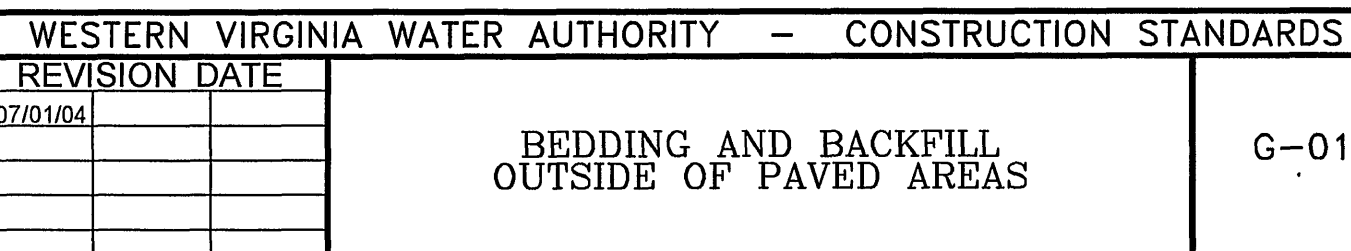
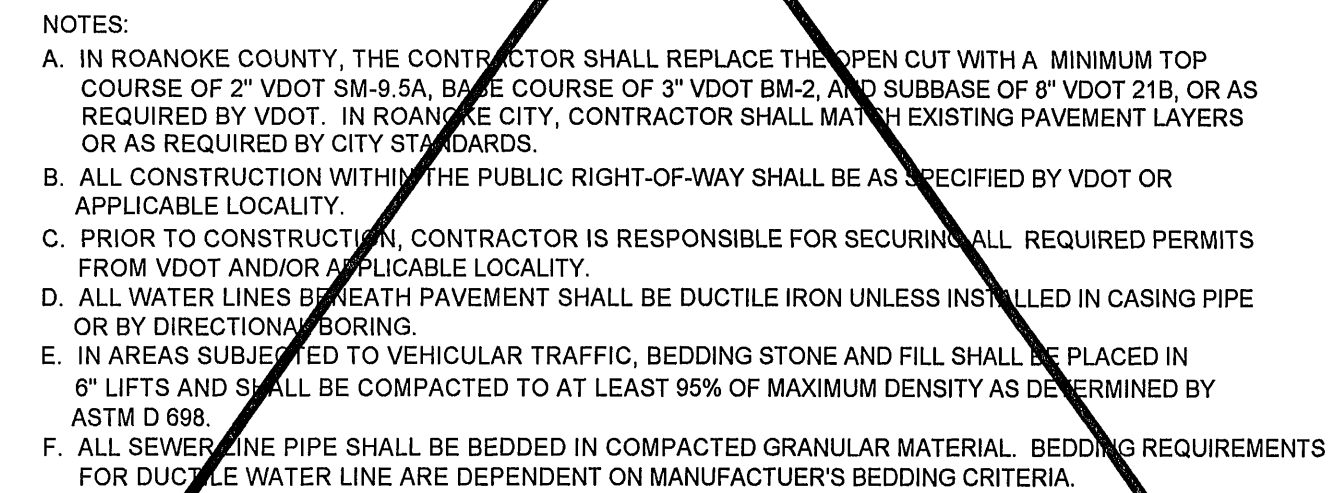
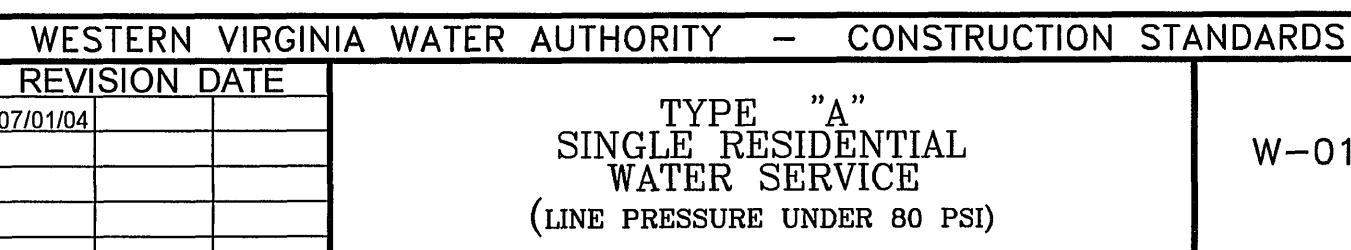


1. BEDDING, HAUNCHING AND INITIAL BACKFILL CONSTRUCTION SHALL BE IN ACCORDANCE WITH MANUFACTURER'S RECOMMENDATION.
2. WHEN INSTALLING NON-METALLIC PIPE, NON-DETECTABLE WARNING TAPE SHALL BE BURIED AT A MINIMUM BEDDING DEPTH OF APPROXIMATELY 12" TO 18" ABOVE UNDERLAYER JOINTS. IT SHALL BE 3 TO 5 MILS IN THICKNESS AND INSTALLED CONTINUOUS FROM VALVE BOX TO VALVE BOX OR MANHOLE TO MANHOLE.
3. TWO-PIPE SHALL BE BEDDED IN COMPACTED GRANULAR MATERIAL WHICH SHALL BE CRUSHED STONE MEETING VDOT STANDARDS FOR GRADUATION 57 OR 68 STONE.
4. IN AREAS NOT SUBJECTED TO VEHICULAR TRAFFIC, BEDDING STONE AND FILL SHALL BE PLACED IN 10" LIFTS AND SHALL BE COMPACTED TO AT LEAST 90% OF MAXIMUM DENSITY AS DETERMINED BY ASTM D 1556.
5. AIL SEWER LINE PIPE SHALL BE BEDDED IN COMPACTED GRANULAR MATERIAL. BEDDING REQUIREMENTS FOR DUCTILE WATER LINE ARE DEPENDENT ON MANUFACTURER'S BEDDING CRITERIA.

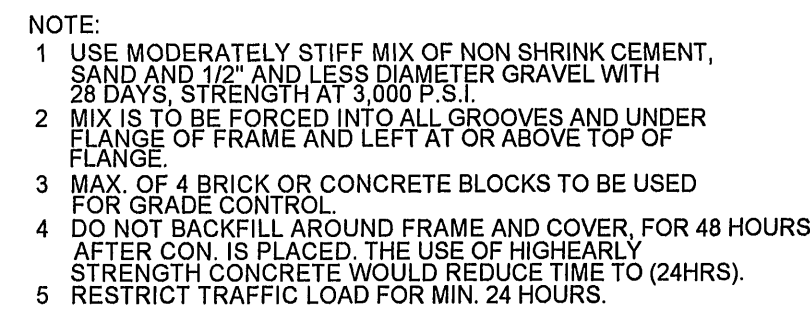
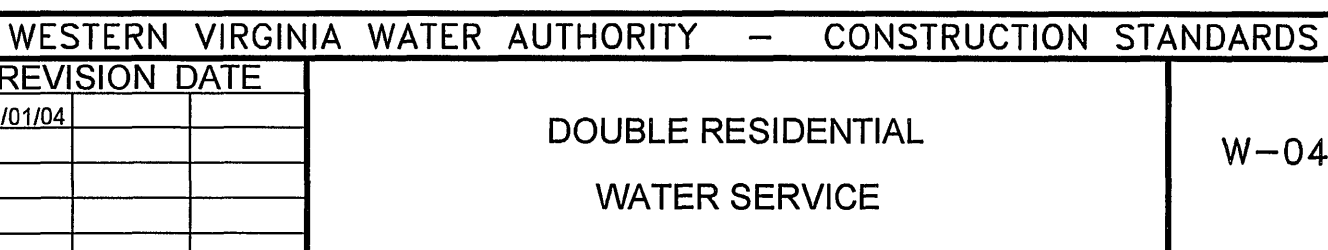


1. SETTER TO BE A.Y. McDONALD #20-215 WDL33, FORD DUMH7E-15W-1133 OR APPROVED EQUAL.
2. SADDLES MUST BE USED WITH ALL PLASTIC & CLASS 50 VEHICLE IRON PIPE. SERVICE SADDLES SHALL BE USED IN ACCORDANCE WITH SECTION 2665 OF THE WATER STANDARDS. SERVICE SADDLES FOR PLASTIC PIPE SHALL BE: POWERSCALE 3417, OR 3412AS, ROMAC 2203, OR 308, OR FORD METER FS202 OR FORD METER FS202C, OR FORD METER FS202C, OR FORD METER FS202C, OR FORD METER FS202C.
3. METER BOX MUST BE MID-STATES PLASTIC INC. PLASTIC BOX WITH 2" DIA. 202C (ELECTRONIC READER I.D.) OR A.Y. McDONALD MODEL 74M32C-TC CAST IRON BASE & COVER OR APPROVED EQUAL.
4. WHENEVER SIDEWALK EXISTS OR IS PROPOSED, MODIFY METER LOCATION AS DIRECTED.
5. CORPORATION STOP MUST BE FORD F1000-4-6 OR APPROVED EQUAL.

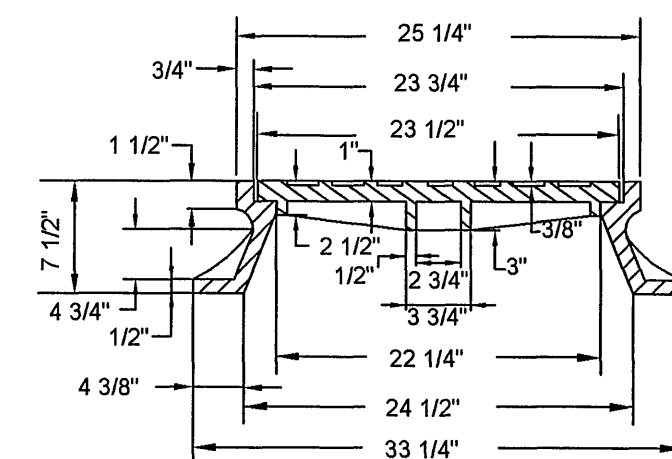
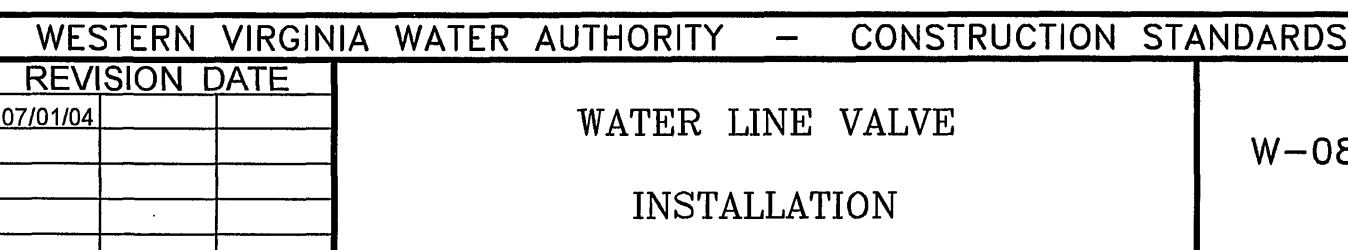


WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS	
REVISION DATE 09/10	BEDDING AND BACKFILL UNDER PAVEMENT
	G-82

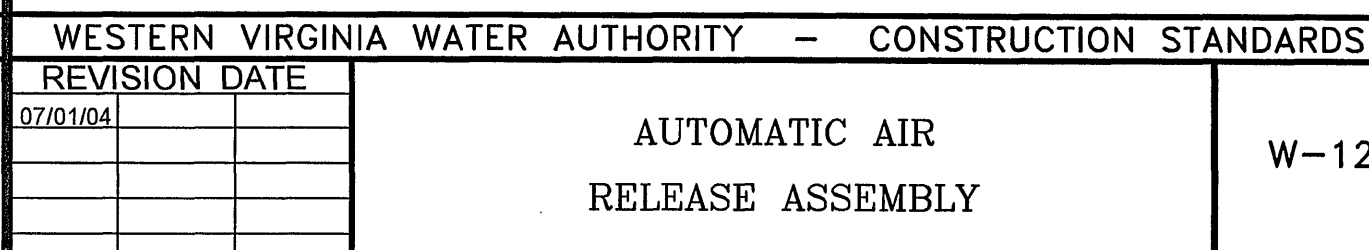
1. SETTER TO BE A.Y. McDONALD #20-215 WDLL33 , FORD VBHH72-15W-1133 OR APPROVED EQUAL.
2. METER BOX MUST BE MID-STATES PLASTICS, INC. PLASTIC BOX WITH FORD A32-T (ELECTRONIC READ LID ) OR A. Y. McDONALD MODEL 74M32C-TC CAST IRON BASE & COVER OR APPROVED EQUAL.
3. CORPORATION STOP MUST BE FORD F1000-4-6 OR APPROVED EQUAL.



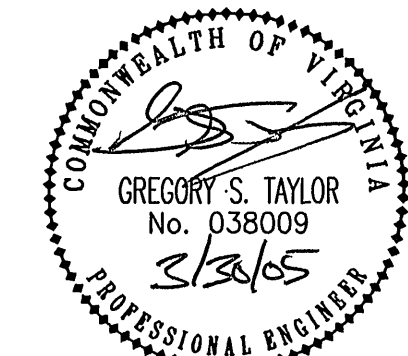
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS		
REVISION DATE	INSTALLATION DETAIL FOR ALL FRAMES AND COVERS	W-16
07/01/04		



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



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# Riverland Vineyards

County Comments	December 14, 2004
County & VDOT Comments	February 9, 2005
County & VDOT Comments	March 30, 2005

**DATE:** September 28, 2004

## Water Line Details

**C10**  
**10 OF 12**  
**PROJECT NUMBER:**  
**S03046-02**

WVWA ID# 6GWEXM