



WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL		WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL		WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL		WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL		WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL		WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL	
SINGLE RESIDENTIAL WATER SERVICE - (NEW DEVELOPMENT) (LINE PRESSURE UNDER 120 PSI)		W-1	02/17/17	DOUBLE RESIDENTIAL WATER SERVICE (REPLACEMENT OF EXISTING SERVICE)		W-4E	05/05/17	WATER LINE VALVE & VAULT		W-9	01/03/14
								TEMPORARY END OF LINE BLOW-OFF ASSEMBLY		W-11	01/03/14
								COMBINATION AIR VALVE ASSEMBLY		W-13	02/09/15
								VAULT FRAME AND COVER		W-16	01/03/14

[illegible][illegible]

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FIRE HYDRANT ASSEMBLY	W-17	THRUST BLOCK REQUIREMENTS	W-18	MINIMUM THRUST RESTRAINT OF PIPE JOINTS DESIGN LENGTHS	W-19	TAPPING SLEEVE AND VALVE	W-21	PIPE SUPPORT IN CASING PIPE	G-6
02/01/15		01/01/14		02/01/15		01/01/14		05/01/15	

[illegible]

NOTES:

- * Asphalt Concrete Surface Material: SMA-S.A. per AOT + 10,000; SMA-S.S. and AOT + 10,000.
- The district administrator's designer shall determine the restoration requirements for other pavement types.
- Trench width and pipe bedding shall be in accordance with VDOT S.D. PB-1.
- ** 12 inches minimum beyond the edge of the trench at longitudinal ends or, if 25 feet minimum between the trench encounter on perpendicular open cuts, as determined by the district administrator's designer.

UTILITY BEDDING AND PROTECTION WATER AND SANITARY SEWER FACILITIES

VIRGINIA DEPARTMENT OF TRANSPORTATION

Date: August 27, 2014	Not to Scale				
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TRACER WIRE FOR NON-METALLIC PRESSURE PIPE <small>0102015</small>		TRACER WIRE SAMPLE TEE/CROSS INTERSECTION <small>0102015</small>		BEDDING AND BACKFILL OUTSIDE OF PAVED AREAS <small>0102014</small>	
G-4		G-4A		G-11	
				WESTERN VIRGINIA REGIONAL - CONSTRUCTION DETAIL	
				BEDDING AND BACKFILL UNDER PAVEMENT AND IN RIGHT-OF-WAY <small>0102014</small>	
				G-12	