

6. IN AREAS SUBJECTED TO VEHICULAR TRAFFIC, BEDDING STONE AND FILL SHALL BE PLACED IN 6" LIFTS AND SHALL BE COMPACTED TO AT LEAST 95% OF MAXIMUM DENSITY AS DETERMINED BY

FOR DUCTILE SEWER LINE ARE DEPENDENT ON MANUFACTUER'S BEDDING CRITERIA.

9. ALL EXCAVATIONS SHALL COMPLY WITH OSHA TECHNICAL MANUAL, CHAPTER 2, TITLED "EXCAVATIONS: HAZARD RECOGNITION IN TRENCHING AND SHORING."

WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS

S-30

REVISION DATE

. ALL SEWER LINE PIPE SHALL BE BEDDED IN COMPACTED GRANULAR MATERIAL. BEDDING REQUIREMENTS

B. BENCHCUT ON EACH SIDE OF PAVEMENT: CITY OF ROANOKE EQUALS 12"; VDOT RIGHT-OF-WAY EQUALS 6".

**BEDDING AND BACKFILL** 

UNDER PAVEMENT AND RIGHT-OF-WAY

S-31

- TEE, WYE, TEE/WYE OR

COMBINATION OF WYE &

45° BEND FITTINGS SHALL BE SIZED AS REQUIRED.

S-12

COMBINATION OF WYE & 45 BEND FITTINGS SHALL

**COMBINED 6" BY** 

TWO 4" LATERALS

REVISION DATE

S-11

**BEDDING AND BACKFILL** 

OUTSIDE OF PAVED AREAS

REVISION DATE

**New River Valley** Richmond Shenandoah Valley

SITE DEVELOPMENT ENGINEERING LAND USE PLANNING & ZONING LANDSCAPE ARCHITECTURE LAND SURVEYING STRUCTURAL ENGINEERING GEOTECHNICAL ENGINEERING

TRANSPORTATION ENGINEERING ENVIRONMENTAL & SOIL SCIENCE WETLAND DELINEATIONS & STREAM EVALUATIONS

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'ANTON JULIUS SCHAEFFER

CHECKED BY DATE \_\_\_10/16/2008

SCALE

**REVISIONS:** 07/23/2009

09/08/2009