

CONDITIONS) 4"

. BEDDING, HAUNCHING AND INITIAL BACKFILL CONSTRUCTION SHALL BE IN ACCORDANCE WITH

BY CITY OF ROANOKE RIGHT OF WAY EXCAVATION AND RESTORATION STANDARDS. 4. ALL CONSTRUCTION WITHIN THE PUBLIC RIGHT-OF-WAY SHALL BE AS SPECIFIED BY VDOT OR

2. ALL PVC PIPE SHALL BE BEDDED IN COMPACTED VDOT #57 OR #68 STONE.
3. IN ROANOKE COUNTY, THE CONTRACTOR SHALL REPLACE THE OPEN CUT WITH A MINIMUM TOP COURSE OF 1.5" (MINIMUM) VDOT SM-9.5A, BASE COURSE OF 6" VDOT BM-25d, AND SUBBASE OF 10" VDOT 21B,

OR AS REQUIRED BY VDOT. IN ROANOKE CITY, CONTRACTOR SHALL REPLACE PAVEMENT AS REQUIRED

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

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

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

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

BEDDING AND BACKFILL

UNDER PAVEMENT AND RIGHT-OF-WAY

5. PRIOR TO CONSTRUCTION, CONTRACTOR IS RESPONSIBLE FOR SECURING ALL REQUIRED PERMITS FROM VDOT AND/OR APPLICABLE LOCALITY.

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

WIDTH OF TRENCH EXCAVATION

MANUFACTURER'S RECOMMENDATION.

APPLICABLE LOCALITY.

REVISION DATE

03/01/06

THICKNESS, TO BE INSTALLED APPROX. 24" ABOVE PIPE AND AT A MINIMUM OF

STONE TO BE PLACED

6" ABOVE SEWER PIPE.

S-30

√ MACHINED SURFACE

ABOVE PIPE.

S-31

1. TRACER WIRES SHALL BE INSTALLED USING MANHOLES,

HYDRANTS AS ACCESS POINTS.

____ 1/4" RAISED

----- 10 1/2" Dia. -

—10 3/4" —

9 1/4 "

REVISION DATE

WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS

TRAFFIC BEARING CLEANOUT BOX

VALVE BOXES OR VAULTS, WATER METERS AND FIRE

2. TRACER WIRE SHALL BE A 12 GAUGE SOLID COPPER WIRE

WITH POLYETHYLENE INSULATION OF 30 MIL THICKNESS.

1. ALL MANHOLE FRAMES AND COVERS SHALL

BACKFILL ONLY WITH APPROVED MATERIAL PER APPLICABLE

LOCALITY OR VDOT STANDARDS

REVISION DATE

03/01/06

S-13

CONDITIONS

(6" IN ROCK

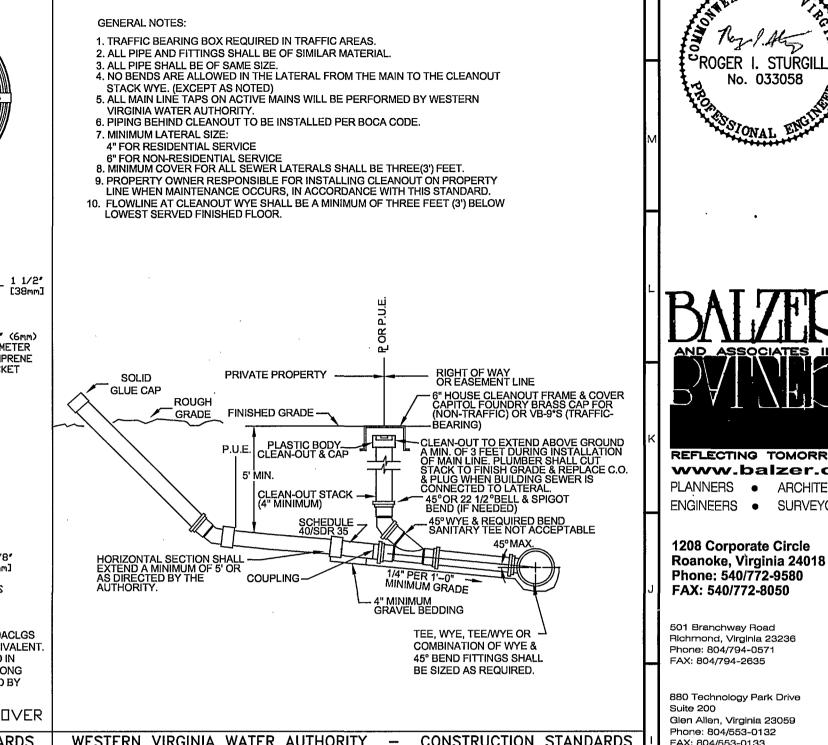
CONDITIONS)

WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS

BEDDING AND BACKFILL

OUTSIDE OF PAVED AREAS

BE EAST JORDAN IRON WORKS, INC. WATERTIGHT MANHOLE FRAME MODEL #1045Z, WATERTIGHT



ROGER I. STURGILL No. 033058



REFLECTING TOMORROW www.balzer.cc PLANNERS • ARCHITECTS ENGINEERS • SURVEYORS

FAX: 540/772-8050 501 Branchway Road Richmond, Virginia 23236

FAX: 804/794-2635 880 Technology Park Drive

Suite 200 Glen Allen, Virginia 23059 Phone: 804/553-0132 FAX: 804/553-0133

448 Peppers Ferry Road Christiansburg, Virginia 24073 Phone: 540/381-4290 FAX: 540/381-4291

1557 Commerce Road Suite 201 Verona, Virginia 24482 Phone: 540/248-3220 FAX: 540/248-3221

S-08

DRAWN BY: SMH DESIGNED BY: SMH CHECKED BY: RIS 04/07/05 **REVISIONS:**

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NO SCALE

SHEET NO.

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