

SILT FENCE
VA ESCH STD. & SPEC. 3.05

01 MARCH TO 30 APRIL
WINTER RYE (SECALE CEREALE) @ 2 1/2 LB / 1000 SF
OR ANNUAL RYEGRASS (LOLIUM MULTI-FLORUM) @ 1 1/2 LB / 1000 SF
OR KOREAN LESPEDEZA (LESPEDEZA STIPULACEA) @ 1 1/2 LB / 1000 SF

01 MAY TO 15 AUGUST
GERMAN MILLET (SETARIA ITALICA) @ 1 LB / 1000 SF
OR WEEPING LOVEGRASS (ERAGROSTIS CLIVULA) @ 5 1/2 OZ / 1000 SF
OR KOREAN LESPEDEZA (LESPEDEZA STIPULACEA) @ 1 1/2 LB / 1000 SF

15 AUGUST TO 01 NOVEMBER
WINTER RYE (SECALE CEREALE) @ 1 LB / 1000 SF
AND ANNUAL RYEGRASS (LOLIUM MULTI-FLORUM) @ 1 LB / 1000 SF

MULCH: SHALL BE USED OVER ALL SEEDED AREAS AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 3.35 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, 3rd ED.

SEED APPLICATION: APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER ON A FIRM, FRIABLE SEEDBED. MAX. SEEDING DEPTH SHALL BE 1/4 INCH.

TEMPORARY SEEDING MIXTURE
VA ESCH STD & SPEC 3.31

TYPE A (SLOPES FLATTER THAN 3:1)
15 OCTOBER TO 1 FEBRUARY
K-31 FESCUE @ 5 LB / 1000 SF
BORZY WINTER RYE @ 1/2 LB / 1000 SF

TYPE B (SLOPES 3:1 OR STEEPER)
1 FEBRUARY TO 1 JUNE
K-31 FESCUE @ 5 LB / 1000 SF
ANNUAL RYE @ 1/2 LB / 1000 SF

1 JUNE TO 1 SEPTEMBER
K-31 FESCUE @ 5 LB / 1000 SF
GERMAN MILLET @ 1/2 LB / 1000 SF

1 SEPTEMBER TO 15 OCTOBER
K-31 FESCUE @ 5 LB / 1000 SF
ANNUAL RYE @ 1/2 LB / 1000 SF

15 MARCH TO 1 MAY
CROWN VETCH @ 1/2 LB / 1000 SF
PERENNIAL RYEGRASS @ 1/2 LB / 1000 SF
RED TOP @ 1/8 LB / 1000 SF

15 AUGUST TO 1 OCTOBER
CROWN VETCH @ 1/2 LB / 1000 SF
PERENNIAL RYEGRASS @ 1/2 LB / 1000 SF
RED TOP @ 1/8 LB / 1000 SF

LIME: 140 LB / 1000 SF PULVERIZED AGRICULTURAL LIMESTONE

FERTILIZER: 5-20-10 @ 25 LB / 1000 SF
38-0-0 @ 7 LB / 1000 SF

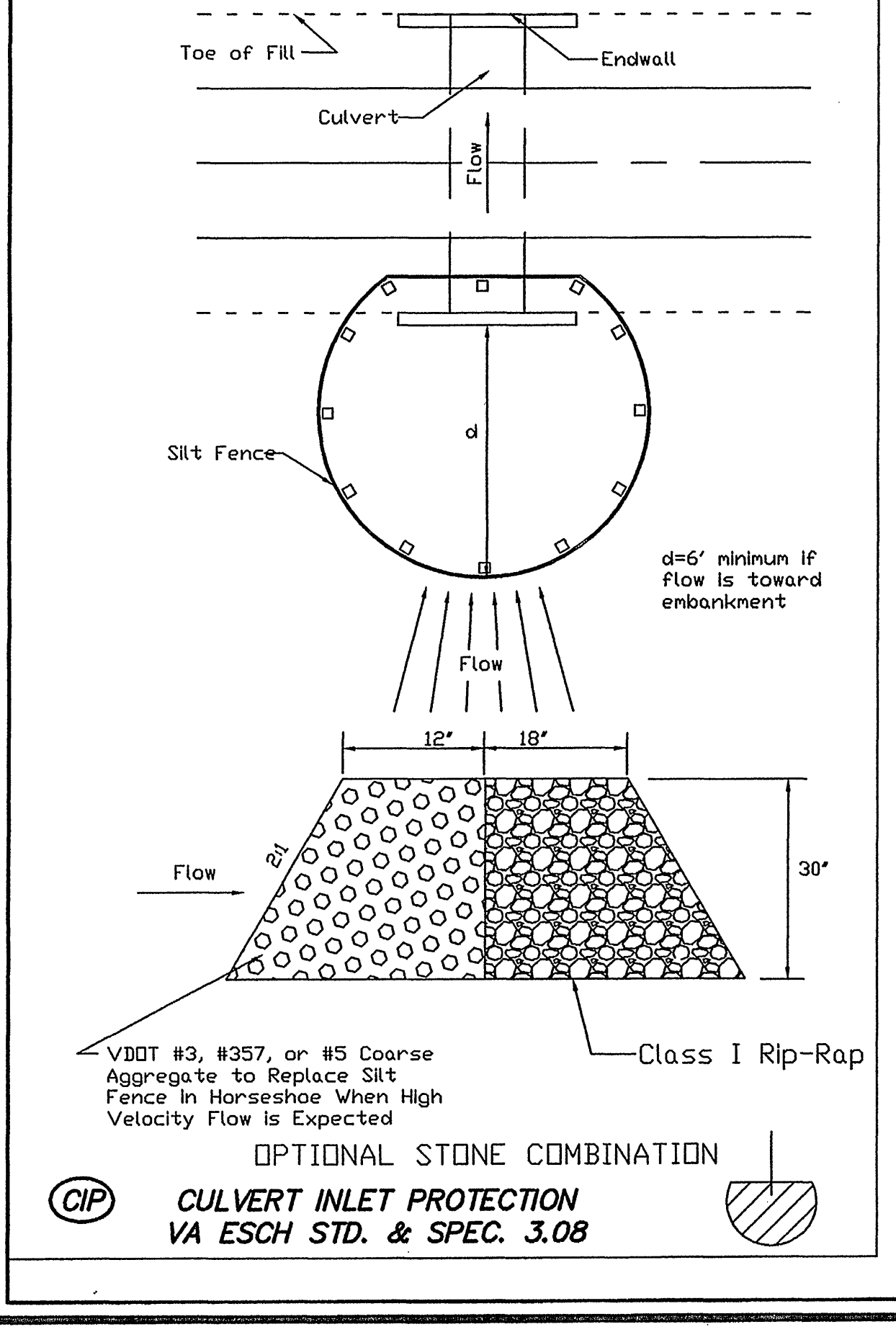
MULCH: SHALL BE USED OVER ALL SEEDED AREAS AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 3.35 OF THE VA ESCH.

SOIL CONDITIONING INCORPORATION OF LIME AND FERTILIZER, SELECTION OF CERTIFIED SEED, MULCHING, MAINTENANCE OF NEW SEEDLINGS, AND RESEEDING SHALL BE IN ACCORDANCE WITH THE SPECIFICATIONS CONTAINED WITHIN THE VA ESCH.

ADDITIONAL SEEDING TO BE PERFORMED AS REQUIRED BY THE INSPECTOR.

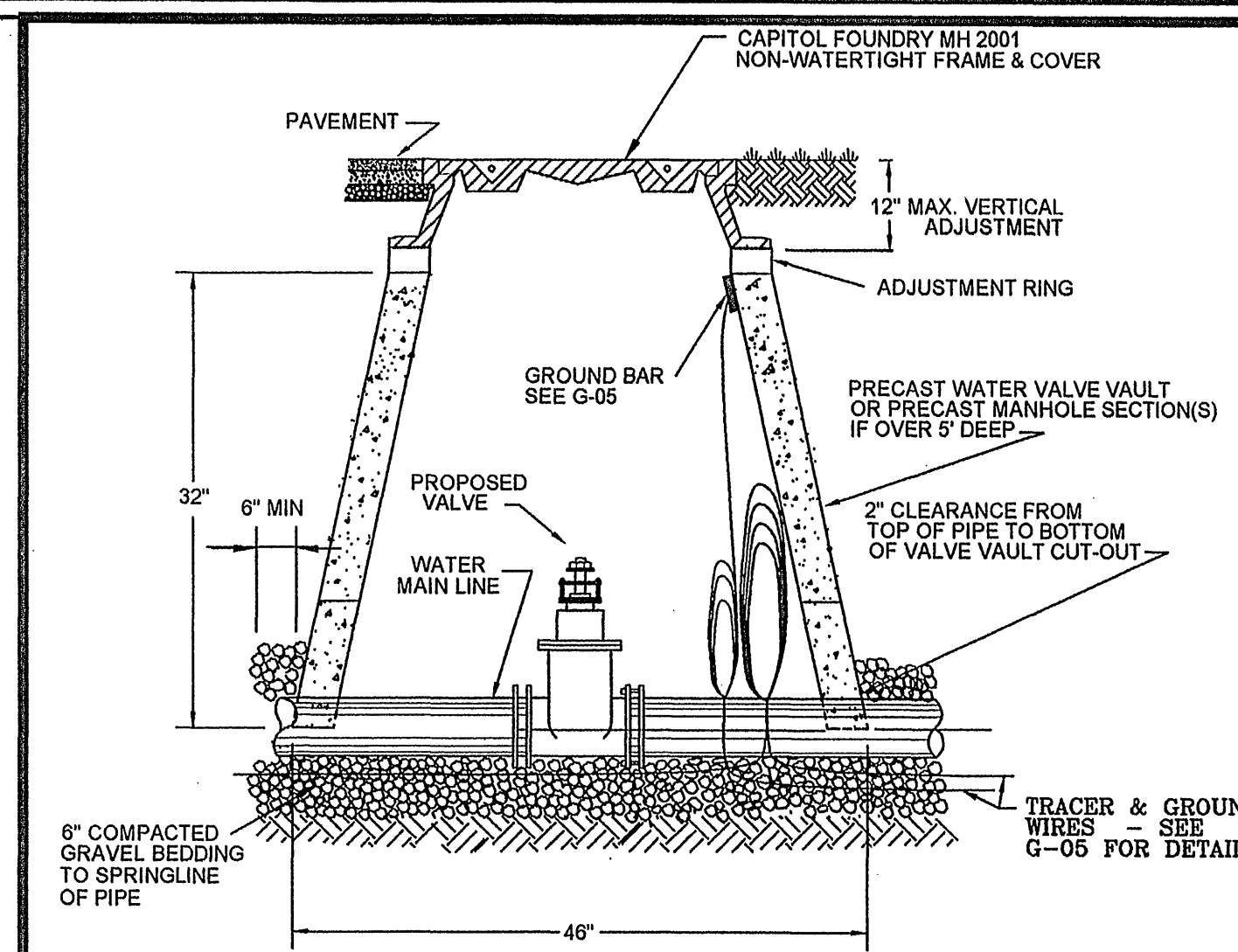
SEED APPLICATION: APPLY SEED UNIFORMLY WITH A CYCLONE SEEDER, DRILL, CULTIPACKER SEEDER, OR HYDROSEEDER ON A FIRM, FRIABLE SEEDBED. MAX. SEEDING DEPTH SHALL BE 1/4 INCH.

PERMANENT SEEDING MIXTURE
VA ESCH STD & SPEC 3.32



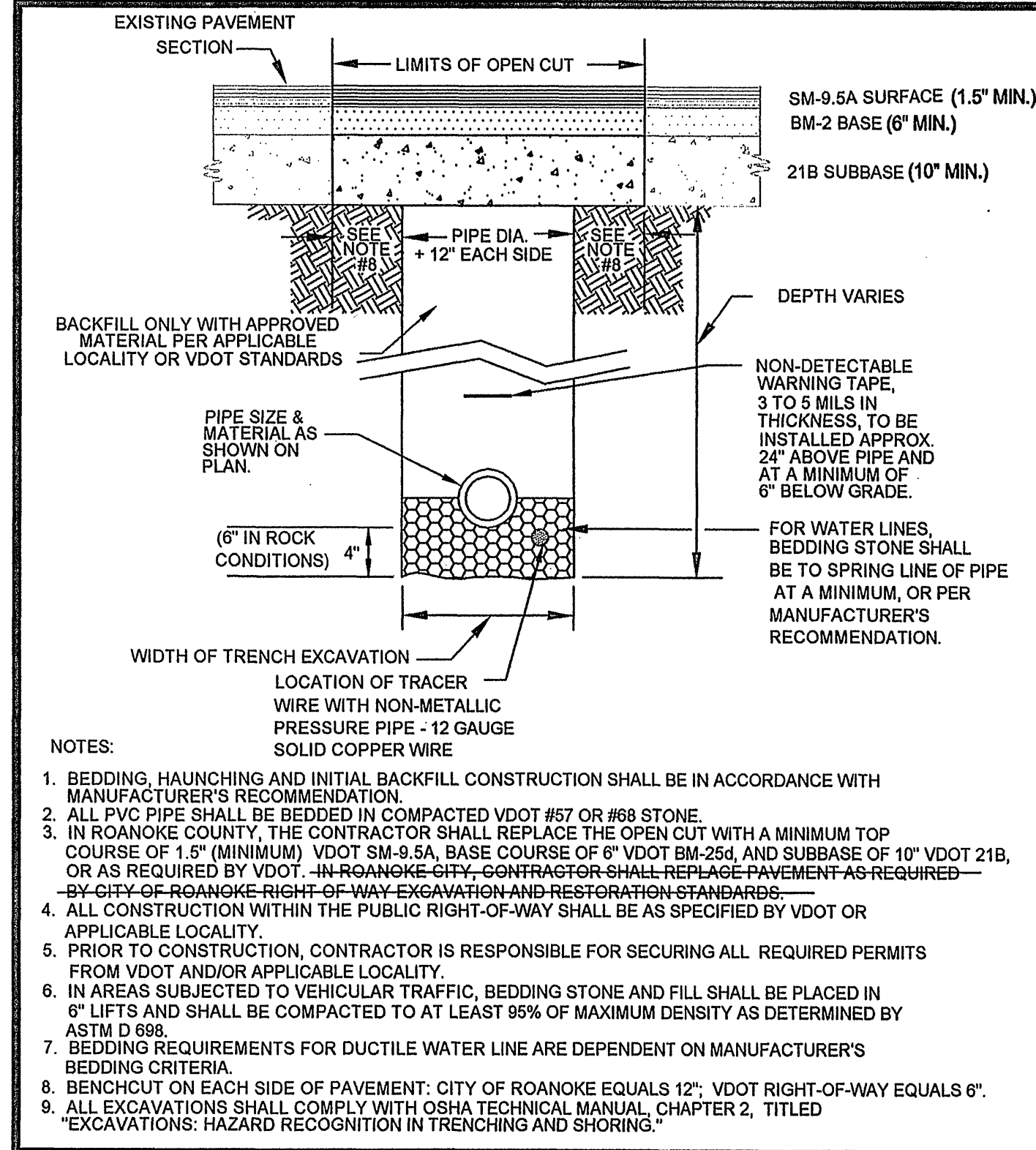
CIP CULVERT INLET PROTECTION
VA ESCH STD. & SPEC. 3.08

EROSION & SEDIMENT CONTROL DETAILS



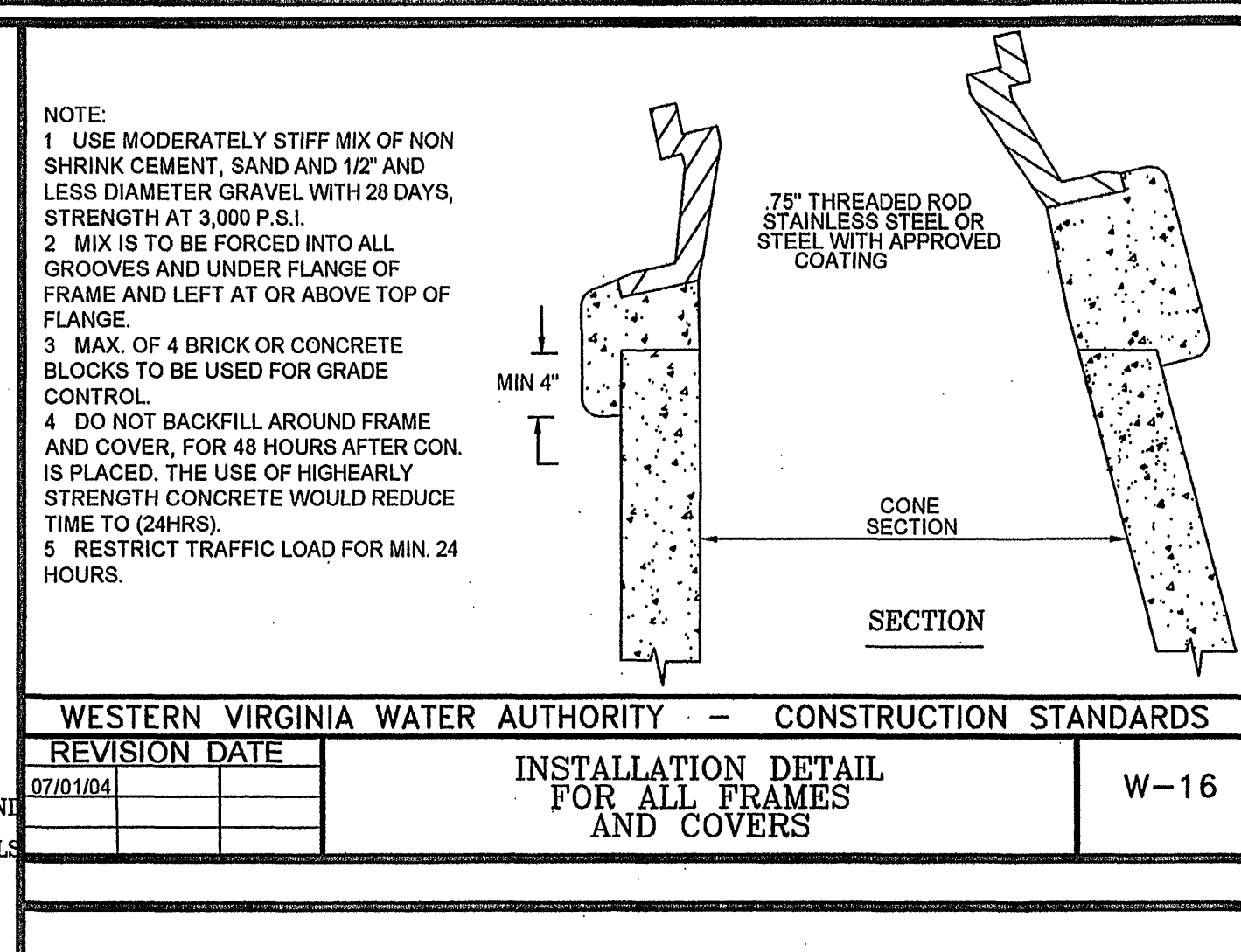
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS			
REVISION DATE	DESCRIPTION	DATE	BY
07/01/04			
03/01/06			

WATER LINE VALVE INSTALLATION
W-08



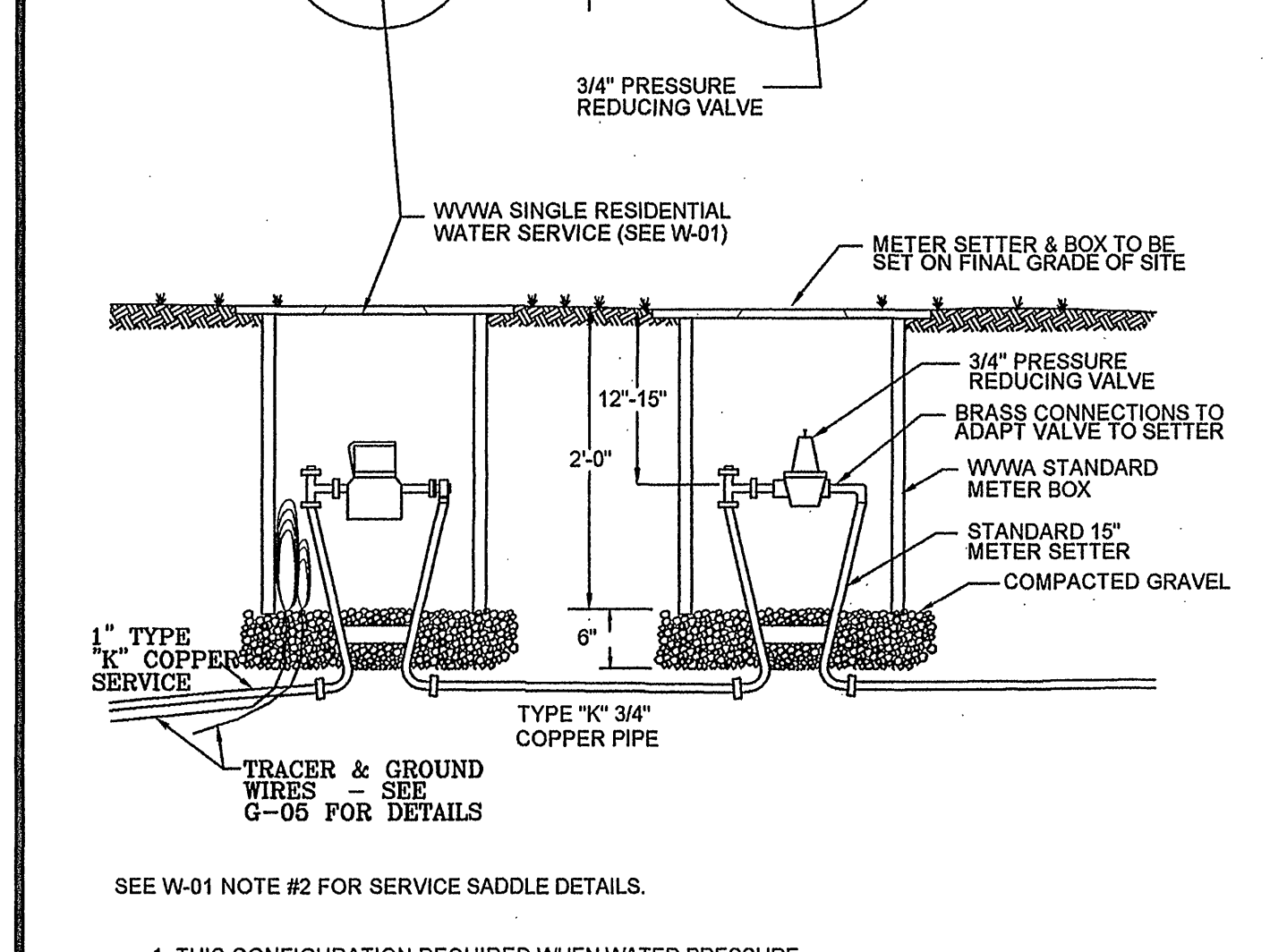
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS			
REVISION DATE	DESCRIPTION	DATE	BY
07/01/04			
03/01/06			

BEDDING AND BACKFILL UNDER PAVEMENT AND RIGHT-OF-WAY
W-25



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS			
REVISION DATE	DESCRIPTION	DATE	BY
07/01/04			
03/01/06			

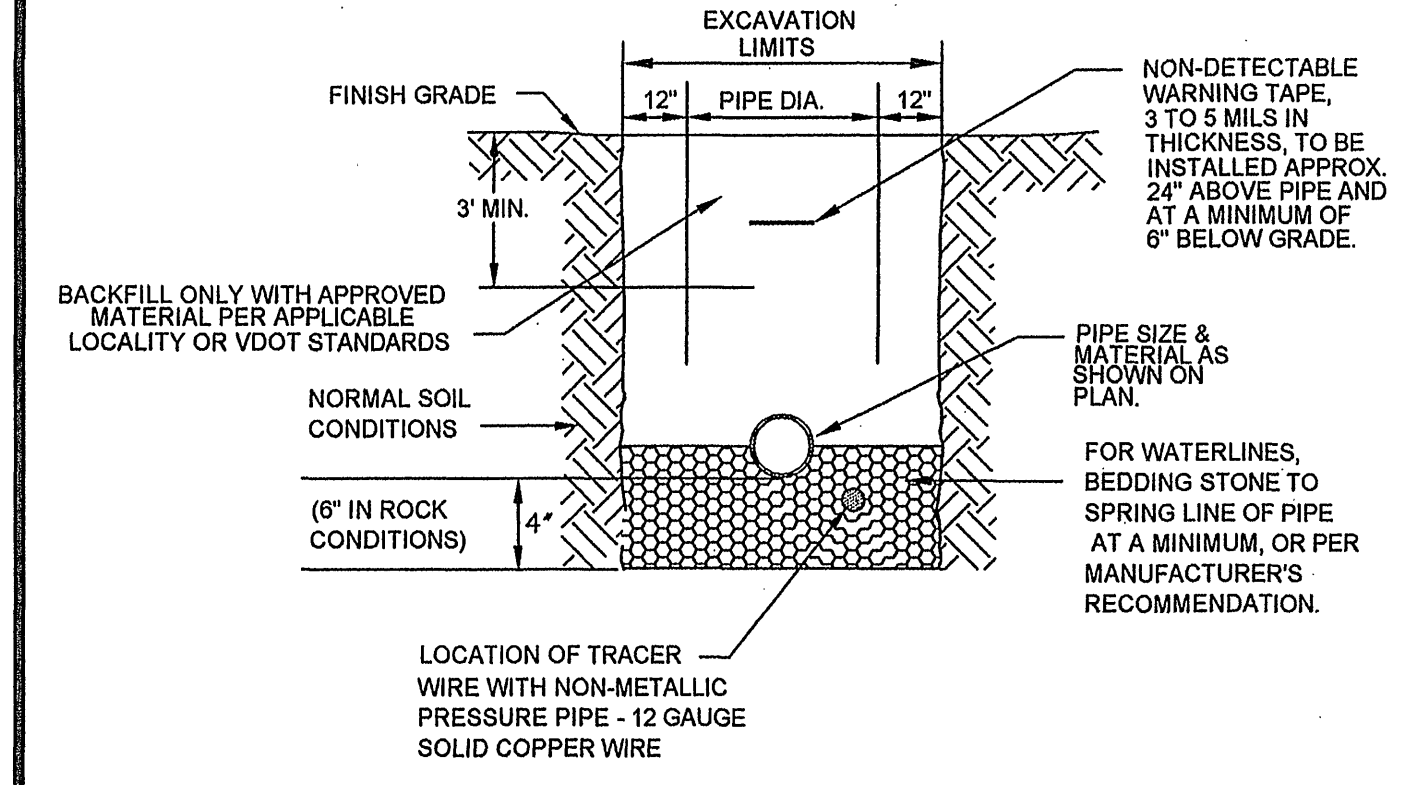
INSTALLATION DETAIL FOR ALL FRAMES AND COVERS
W-16



SEE W-01 NOTE #2 FOR SERVICE SADDLE DETAILS.

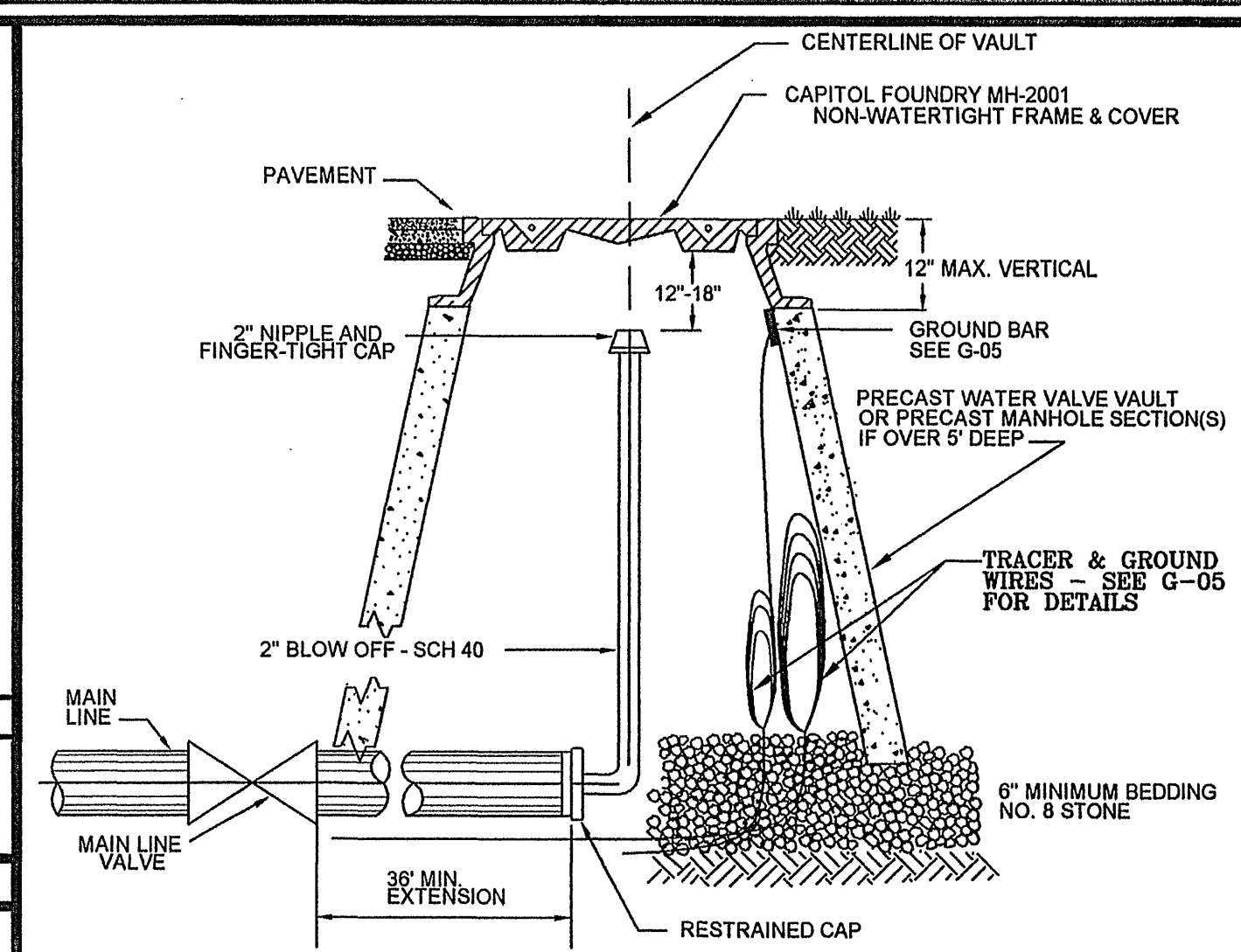
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS			
REVISION DATE	DESCRIPTION	DATE	BY
07/01/04			
03/01/06			

TYPE "B" SINGLE RESIDENTIAL WATER SERVICE
(LINE PRESSURE UNDER 80 TO 120 PSI)
W-02



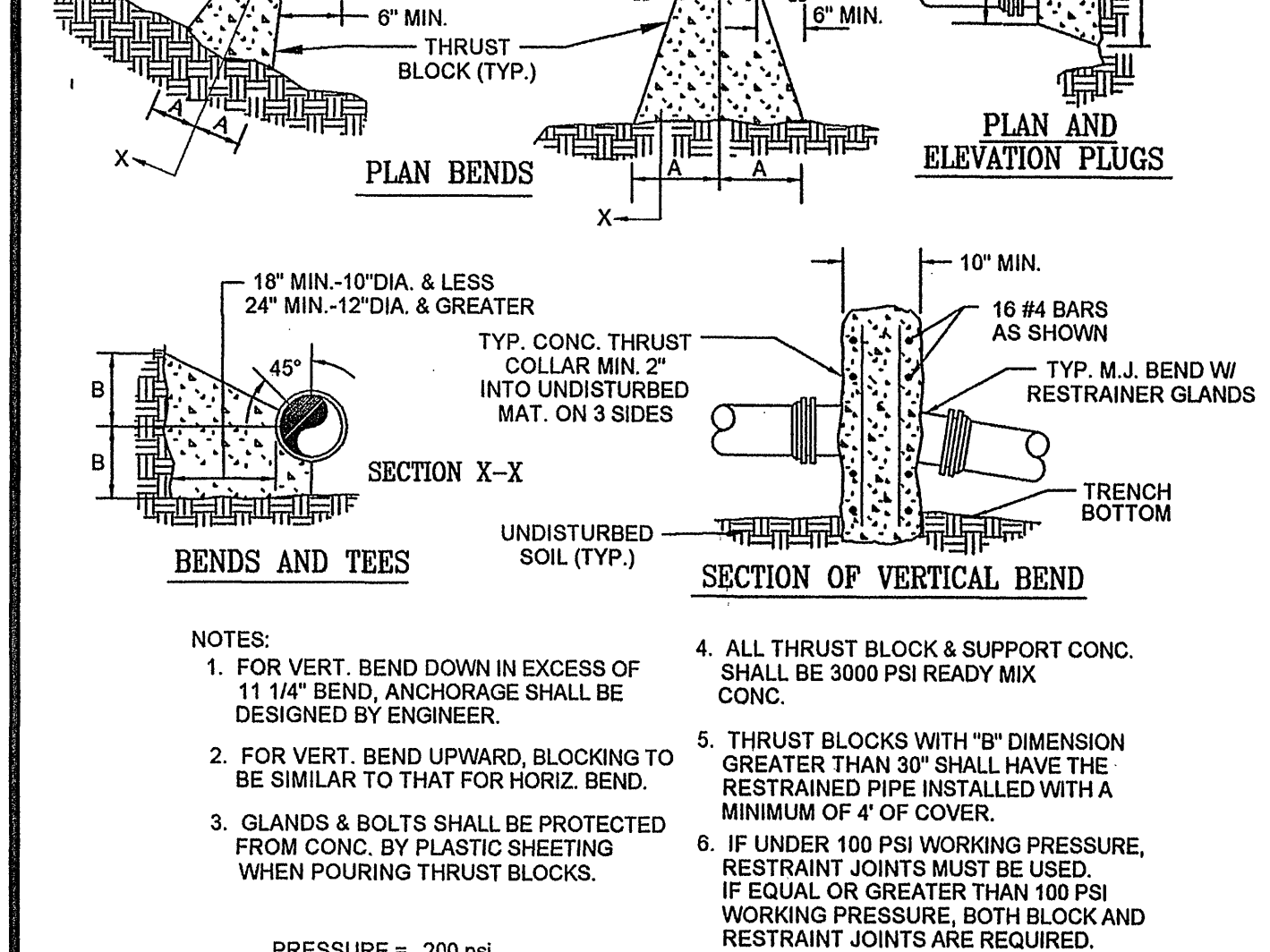
WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS			
REVISION DATE	DESCRIPTION	DATE	BY
07/01/04			
03/01/06			

BEDDING AND BACKFILL OUTSIDE OF PAVED AREAS
W-24



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS			
REVISION DATE	DESCRIPTION	DATE	BY
07/01/04			
03/01/06			

BLOW-OFF ASSEMBLY FOR MAIN LINE TEMPORARY TERMINATION
W-10



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS			
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03/01/06			

THRUST BLOCK CONSTRUCTION
W-19

WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS			
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07/01/04			
03/01/06			

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REVISION DATE	DESCRIPTION	DATE	BY
07/01/04			
03/01/06			

THRUST RESTRAINT OF PIPE JOINTS DESIGN LENGTHS
W-20

parker DESIGN GROUP
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PAUL J. BROWN
CERTIFICATE NO. 036148
6-5-06
PROFESSIONAL ENGINEER

Public Waterline Extension for GCT Development, LLC
Serving Tax Nos. 55.04-01-32.1 thru 32.4
Catawba Magisterial District
Roanoke County, Virginia

REVISIONS:

NO.	DATE	DESCRIPTION
1	07/01/04	Initial Design
2	03/01/06	Revised Design

DESIGNED BY: PJB
DRAWN BY: PJB
CHECKED BY: SRB
SCALE: 1" = 30'
DATE: 22 March 2006

SHEET TITLE: DETAILS
WWW.ID# 6PDNGR

C03
03 OF 03
PROJECT NUMBER: 06-0024-02