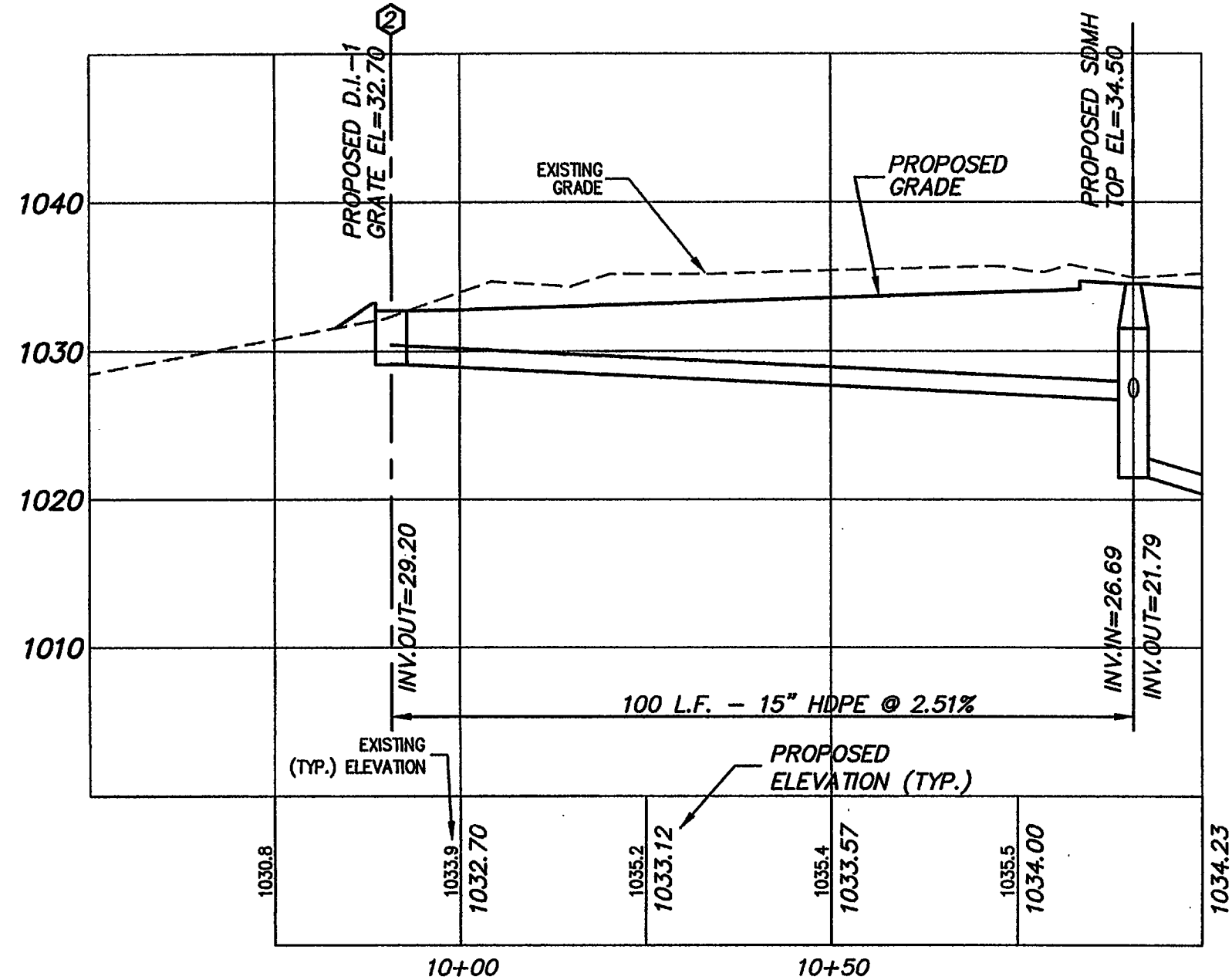
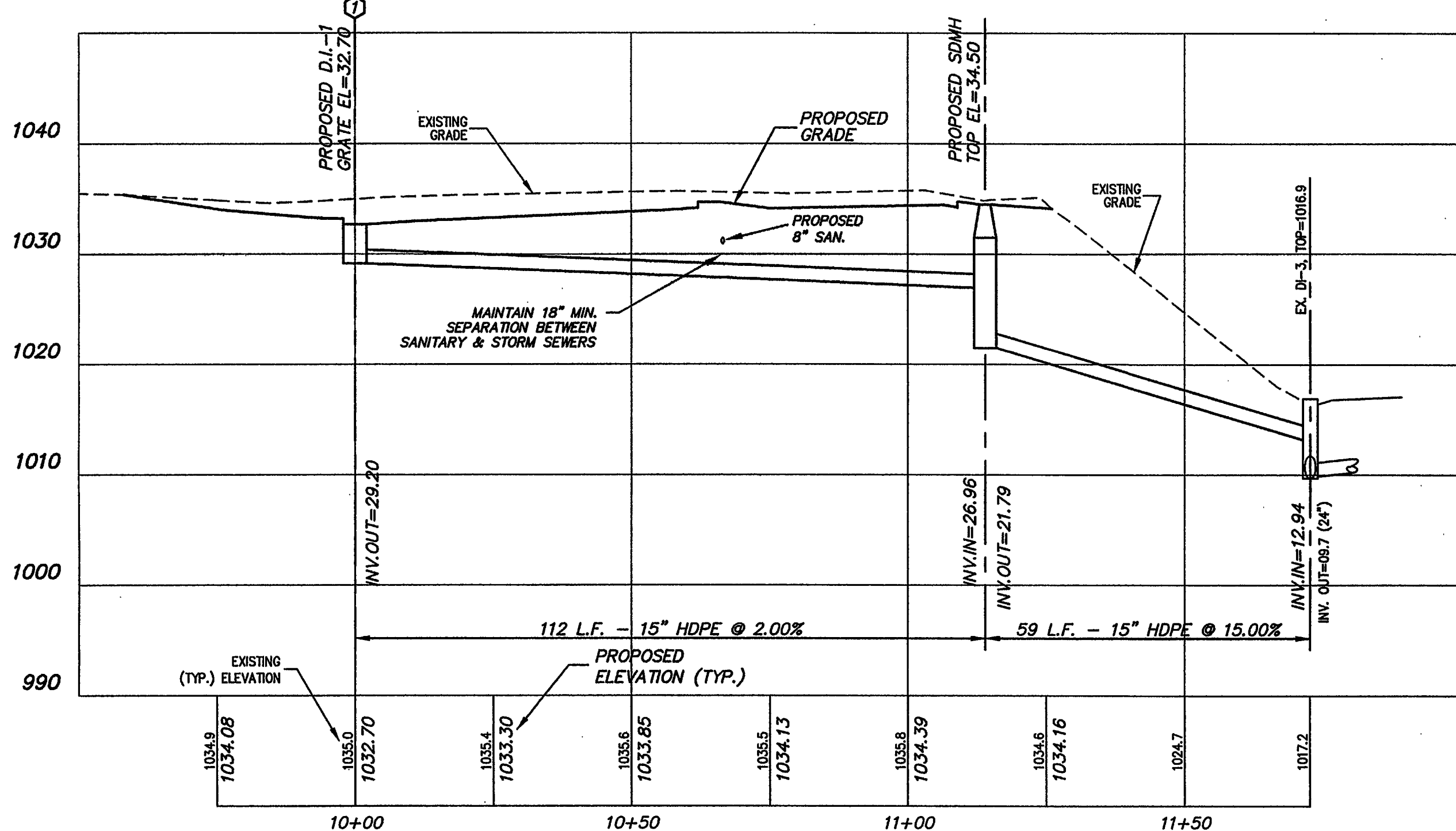




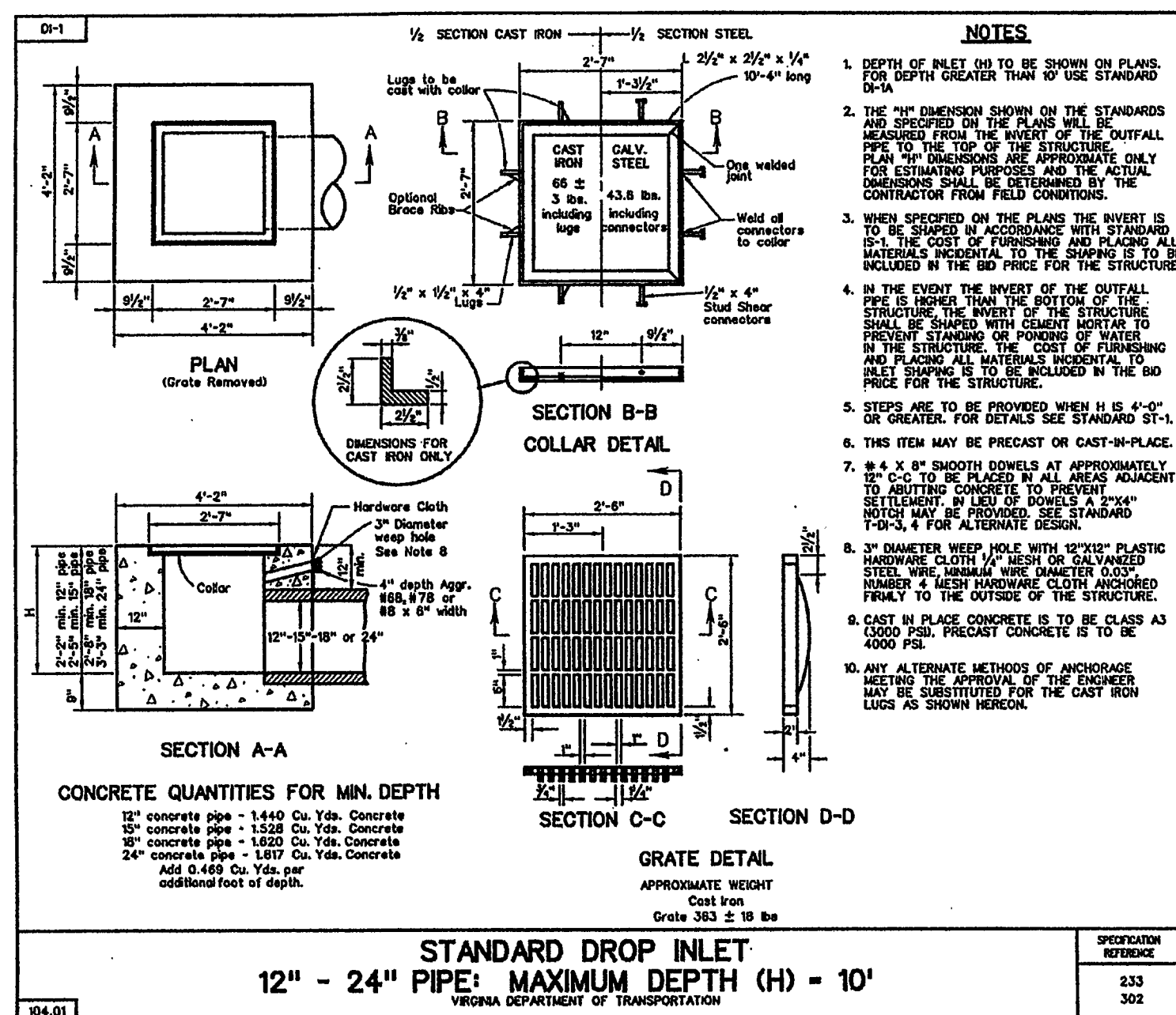
PROFILE - STORM SEWER RUN 2

SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

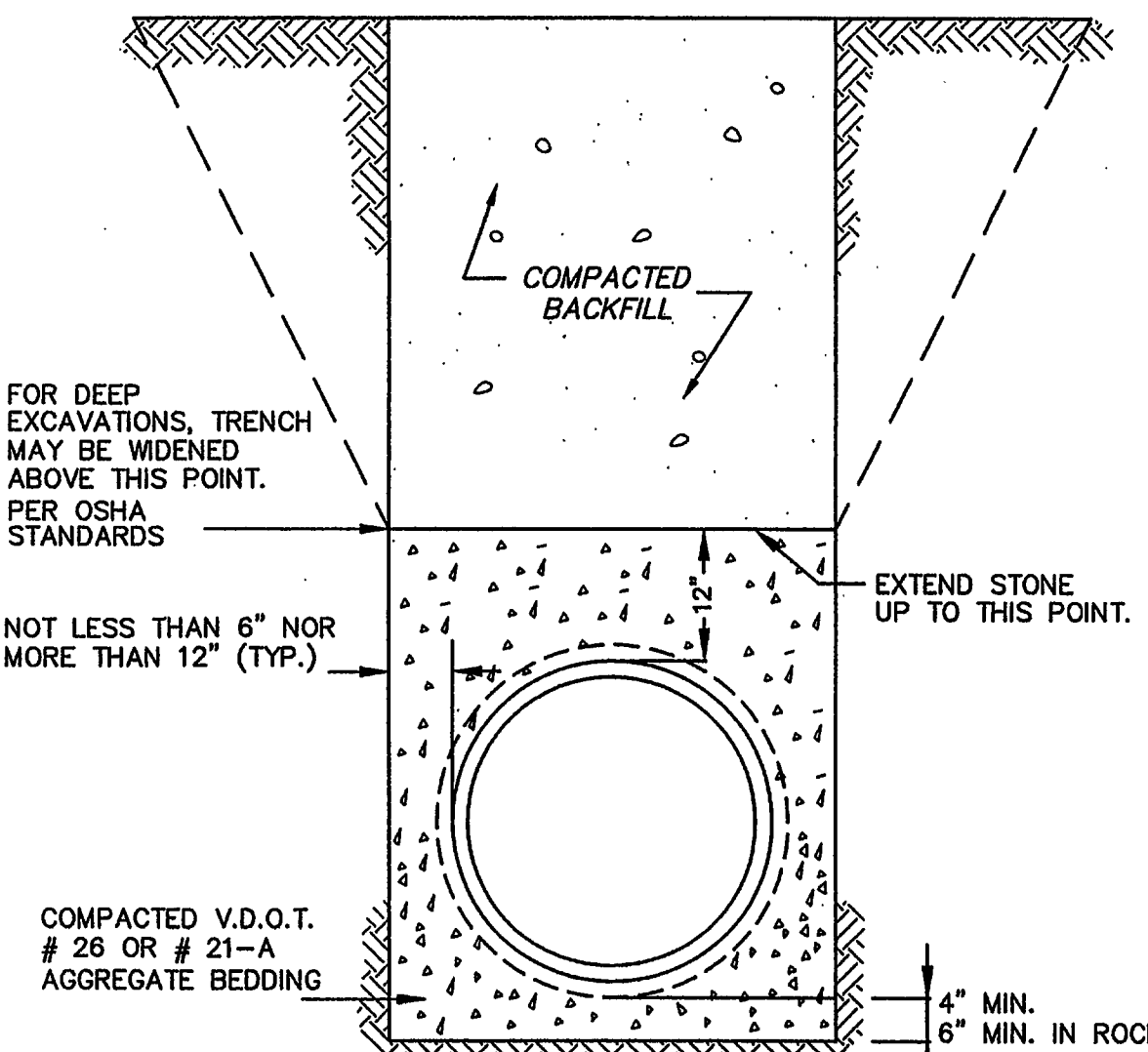


PROFILE - STORM SEWER RUN 1

SCALE: 1" = 20' HORIZ.
1" = 10' VERT.

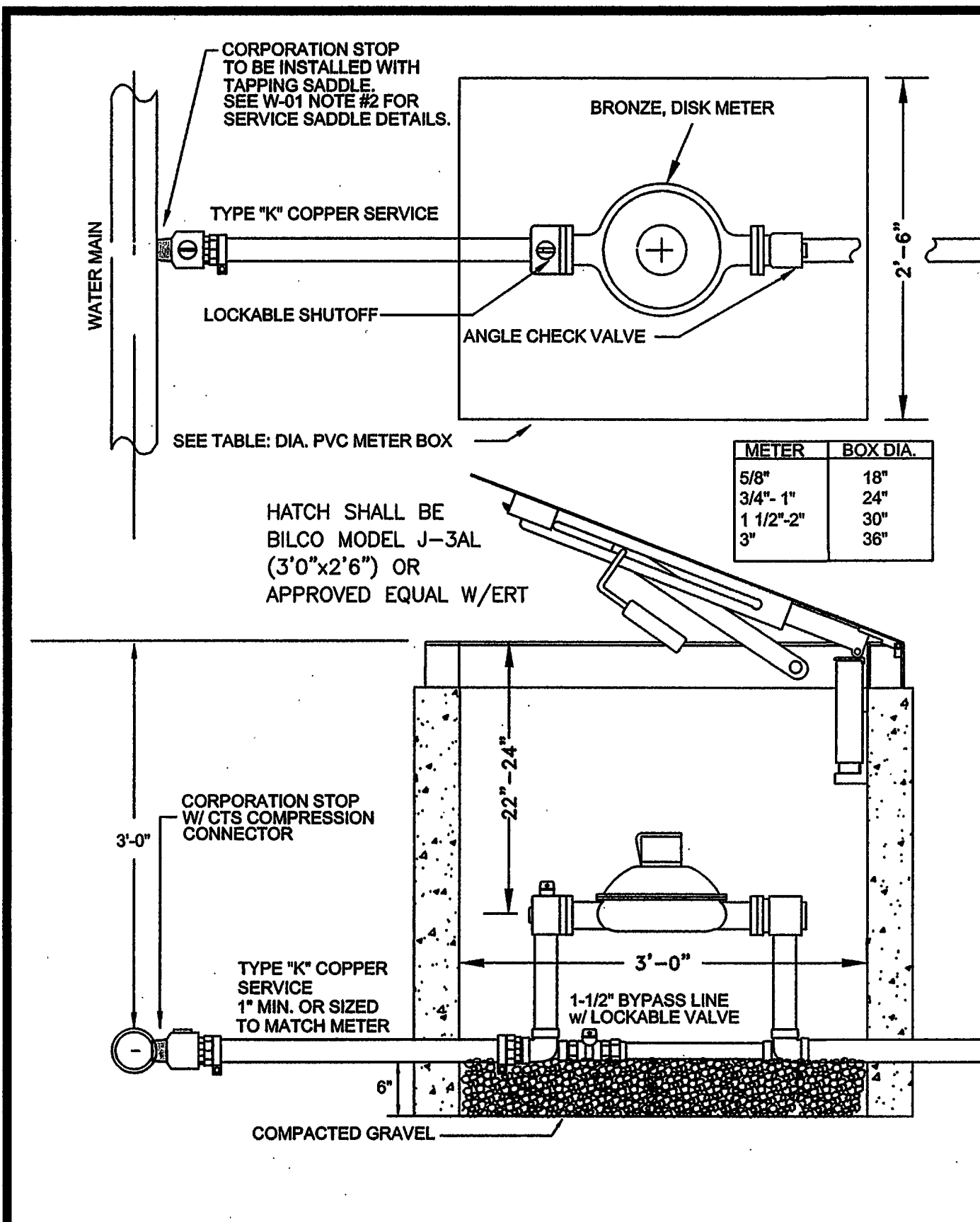
STANDARD DROP INLET
12" - 24" PIPE: MAXIMUM DEPTH (H) = 10'

104.01



STORM SEWER TRENCH BEDDING

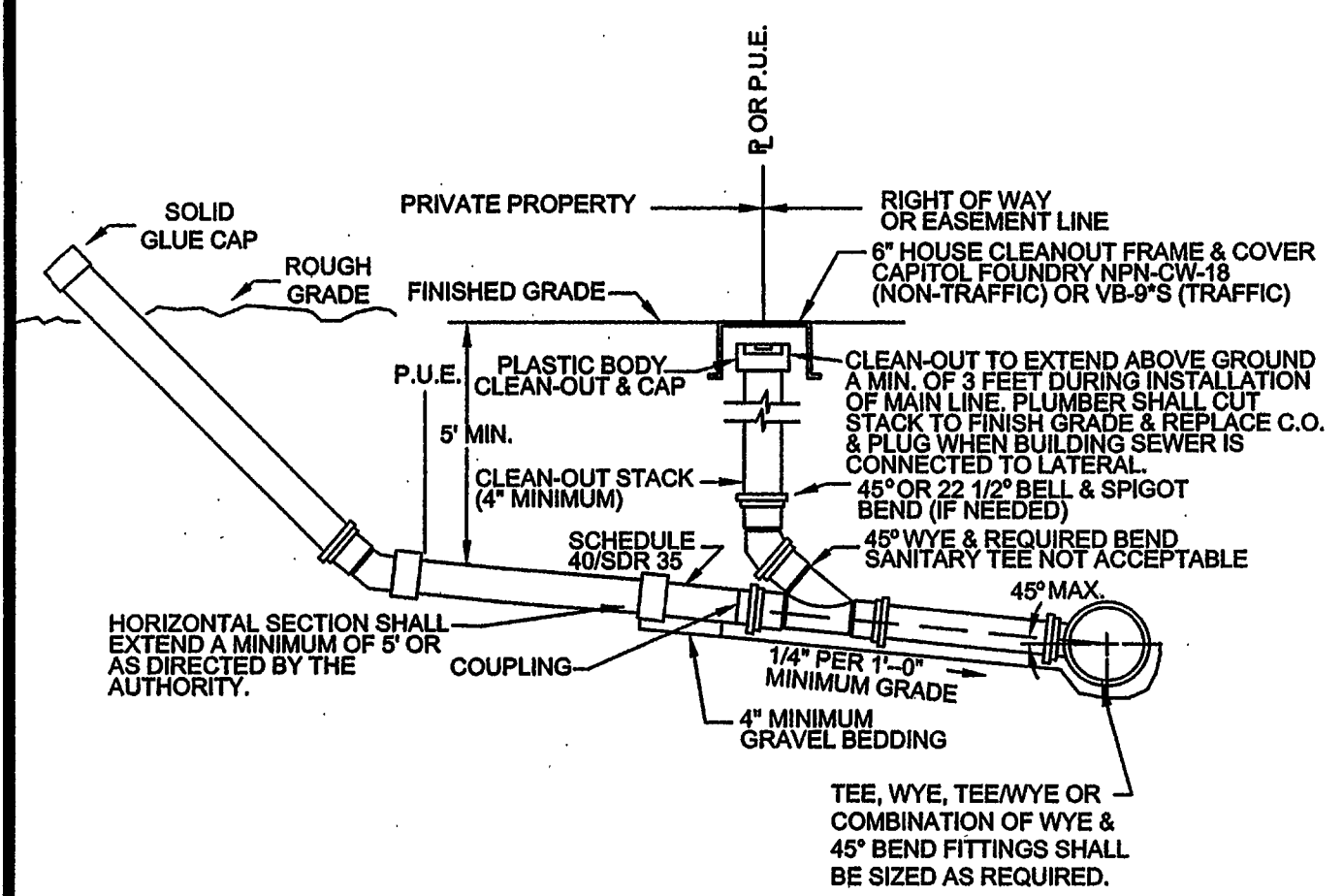
NO SCALE



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS

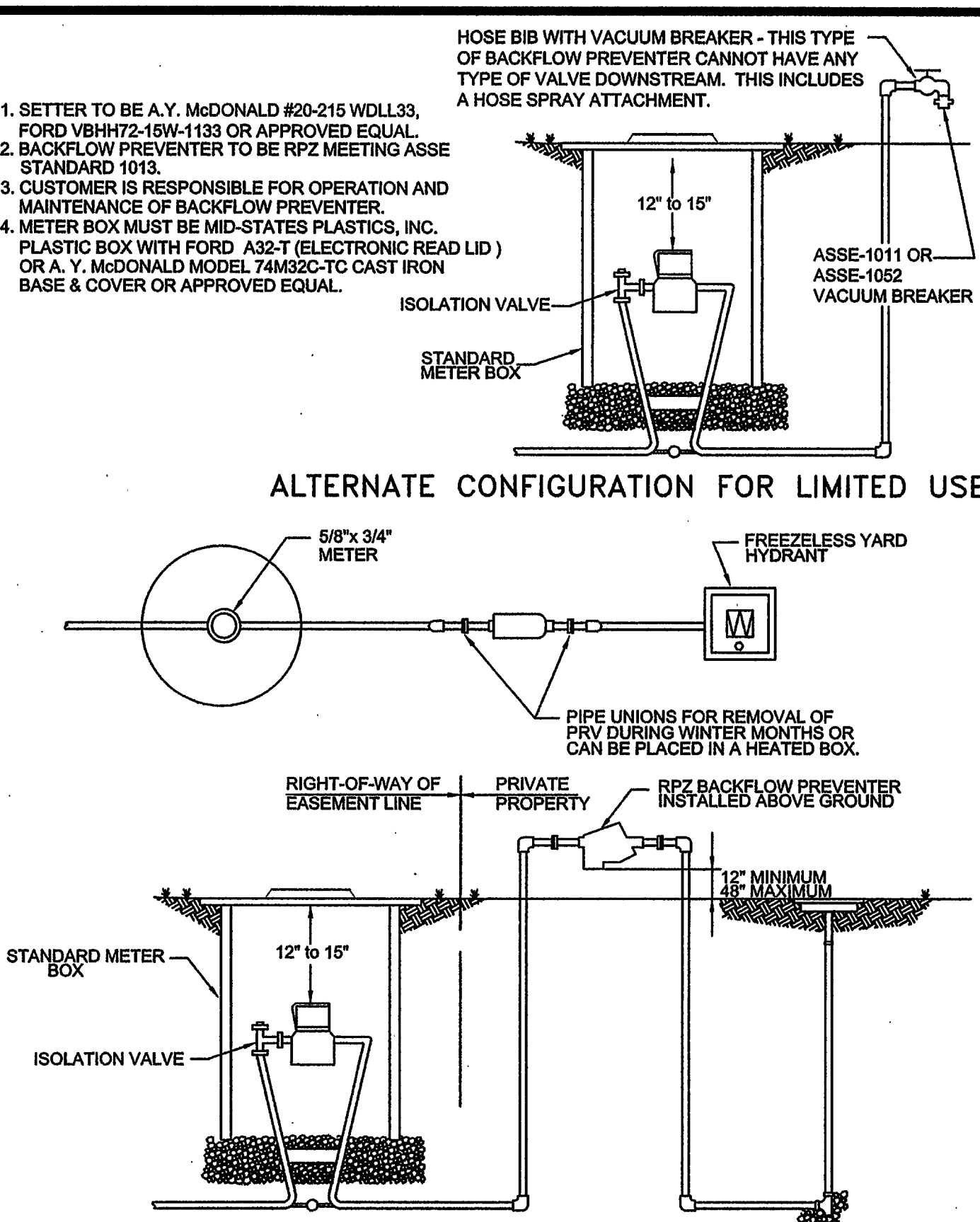
REVISION DATE	COMMERICAL WATER SERVICE	W-05
07/01/04		

- GENERAL NOTES:
1. TRAFFIC BEARING BOX REQUIRED IN TRAFFIC AREAS.
 2. ALL PIPE AND FITTINGS SHALL BE OF SIMILAR MATERIAL.
 3. ALL PIPE SHALL BE OF SAME SIZE.
 4. NO BENDS ARE ALLOWED IN THE LATERAL FROM THE MAIN TO THE CLEANOUT STACK WYE. (EXCEPT AS NOTED)
 5. ALL MAIN LINE TAPS ON ACTIVE MAINS WILL BE PERFORMED BY WESTERN VIRGINIA WATER AUTHORITY.
 6. PIPING BEHIND CLEANOUT TO BE INSTALLED PER BOCA CODE.
 7. MINIMUM LATERAL SIZE:
4" FOR RESIDENTIAL SERVICE
6" FOR NON-RESIDENTIAL SERVICE
 8. MINIMUM COVER FOR ALL SEWER LATERALS SHALL BE THREE(3) FEET.
 9. PROPERTY OWNER RESPONSIBLE FOR INSTALLING CLEANOUT ON PROPERTY LINE WHEN MAINTENANCE OCCURS.



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS

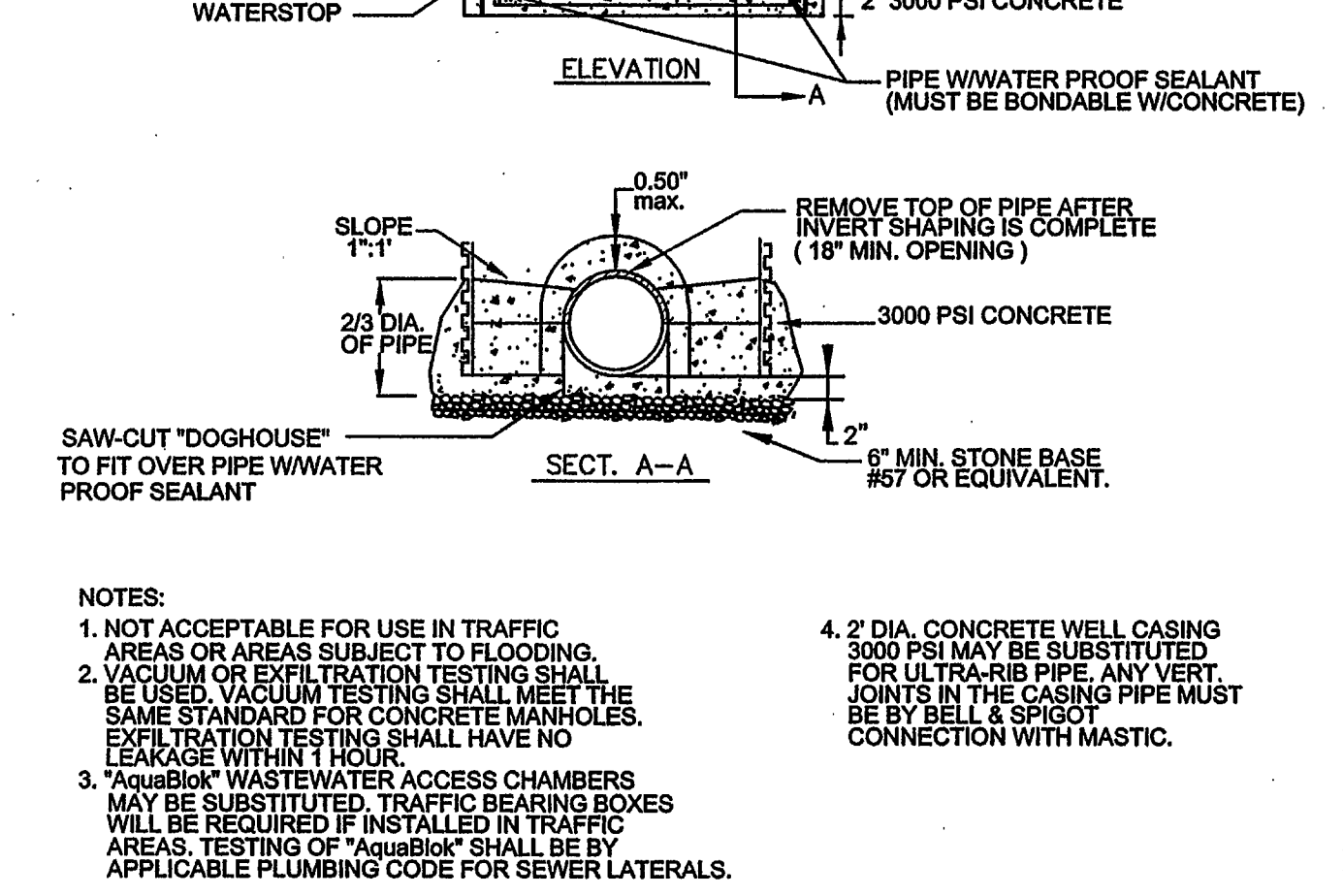
REVISION DATE	SANITARY SEWER LATERAL	S-08
07/01/04		



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS

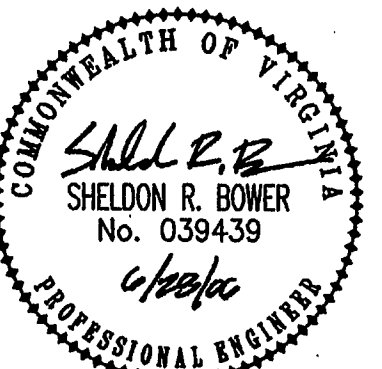
REVISION DATE	SPRINKLER SERVICE	W-06
07/01/04		

- GENERAL NOTES:
1. TRAFFIC BEARING BOX REQUIRED IN TRAFFIC AREAS.
 2. ALL PIPE AND FITTINGS SHALL BE OF SIMILAR MATERIAL.
 3. ALL PIPE SHALL BE OF SAME SIZE.
 4. NO BENDS ARE ALLOWED IN THE LATERAL FROM THE MAIN TO THE CLEANOUT STACK WYE. (EXCEPT AS NOTED)
 5. ALL MAIN LINE TAPS ON ACTIVE MAINS WILL BE PERFORMED BY WESTERN VIRGINIA WATER AUTHORITY.
 6. PIPING BEHIND CLEANOUT TO BE INSTALLED PER BOCA CODE.
 7. MINIMUM LATERAL SIZE:
4" FOR RESIDENTIAL SERVICE
6" FOR NON-RESIDENTIAL SERVICE
 8. MINIMUM COVER FOR ALL SEWER LATERALS SHALL BE THREE(3) FEET.
 9. PROPERTY OWNER RESPONSIBLE FOR INSTALLING CLEANOUT ON PROPERTY LINE WHEN MAINTENANCE OCCURS.



WESTERN VIRGINIA WATER AUTHORITY - CONSTRUCTION STANDARDS

REVISION DATE	SAMPLING STRUCTURE DETAIL	S-07
07/01/04		



REVISIONS

COORDINATION

DATE

4-17-06

5-2-06

6-28-06

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

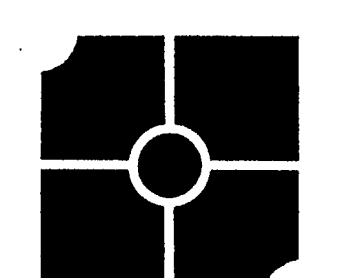
PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

PER ROANOKE COUNTY COMMENTS

parker
DESIGN GROUP
816 Boulevard
Salem, Virginia 24153
Phone: 540-389-5767
www.parkerdgc.com



SONIC CORPORATION
300 JOHNNY BENCH DR
OKLAHOMA CITY, OK 73104
OFFICES: 405-225-5000
FAX: 405-225-5991
AMERICA'S DRIVE-IN CORP.
COPYRIGHT 1988-2006
ALL RIGHTS RESERVED
CONSTRUCTION OF THE DRIVE-IN AT THE SPECIFIED LOCATION.

SONIC DRIVE-IN
BUILDING TYPE: 02XW
CHALLENGER AVENUE
ROANOKE, VIRGINIA

SHEET
C-7
DWG: 06-0033-04
DATE: APRIL 14, 2006