

EROSION AND SEDIMENT CONTROL NARRATIVE

PROJECT DESCRIPTION

The purpose of this project is to set a 64' x 24' mobile classroom trailer on an existing paved parking lot. The trailer is a leased structure and is not permanent. It will be necessary to run water and sanitary sewer services to the trailer and to construct steps and a ramp for access. The only land disturbance is for the utility installations.

EXISTING SITE CONDITIONS

The existing site includes paved parking lots, buildings and an undeveloped grass area. Runoff from the impervious areas sheet flow to an existing detention pond located at the southeast corner of the site. The site has an access from King Street, NE. Within the development area for this project, is a paved parking lot.

OFF-SITE AREAS

The location of all off-site fill areas or borrow areas associated with this construction project will be provided to Roanoke City by the contractor. An Erosion and Sediment Control Plan may be required for these areas. Off-site areas are not anticipated.

VEGETATIVE PRACTICES

Permanent Seeding - 3.32

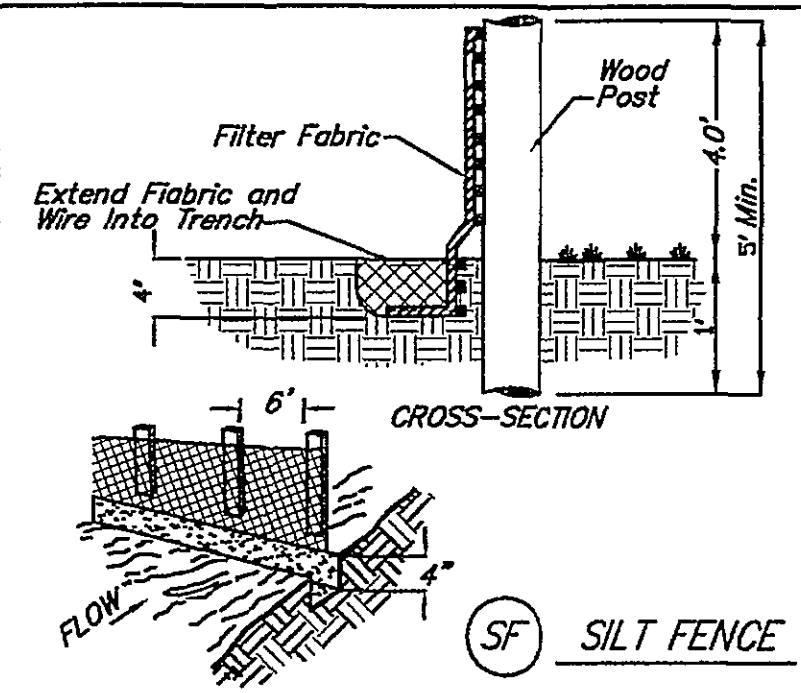
Permanent or temporary soil stabilization shall be applied to denuded areas within seven days after final grade is reached on any portion of the site. Permanent stabilization shall be applied to areas that are to be left dormant for more than a year. Permanent vegetation shall not be considered established until a ground cover is achieved that in the opinion of the local program administrator or his designated agent, is uniform, mature enough to survive and will inhibit erosion. Reference is made to the 1992 Erosion and Sediment Control Handbook addressing minimum numbers one and three (MS-1, MS-3).

MANAGEMENT STRATEGIES

1. Erosion and sediment control devices will be installed as a first step of construction.
2. The contractor will be responsible for the installation and maintenance of all erosion and sediment control measures. Inspections are to be made periodically and after every erodible rainfall.
3. The contractor will make repairs to damaged or deficient control measures immediately upon discovery of damage or upon notification of the deficiency.

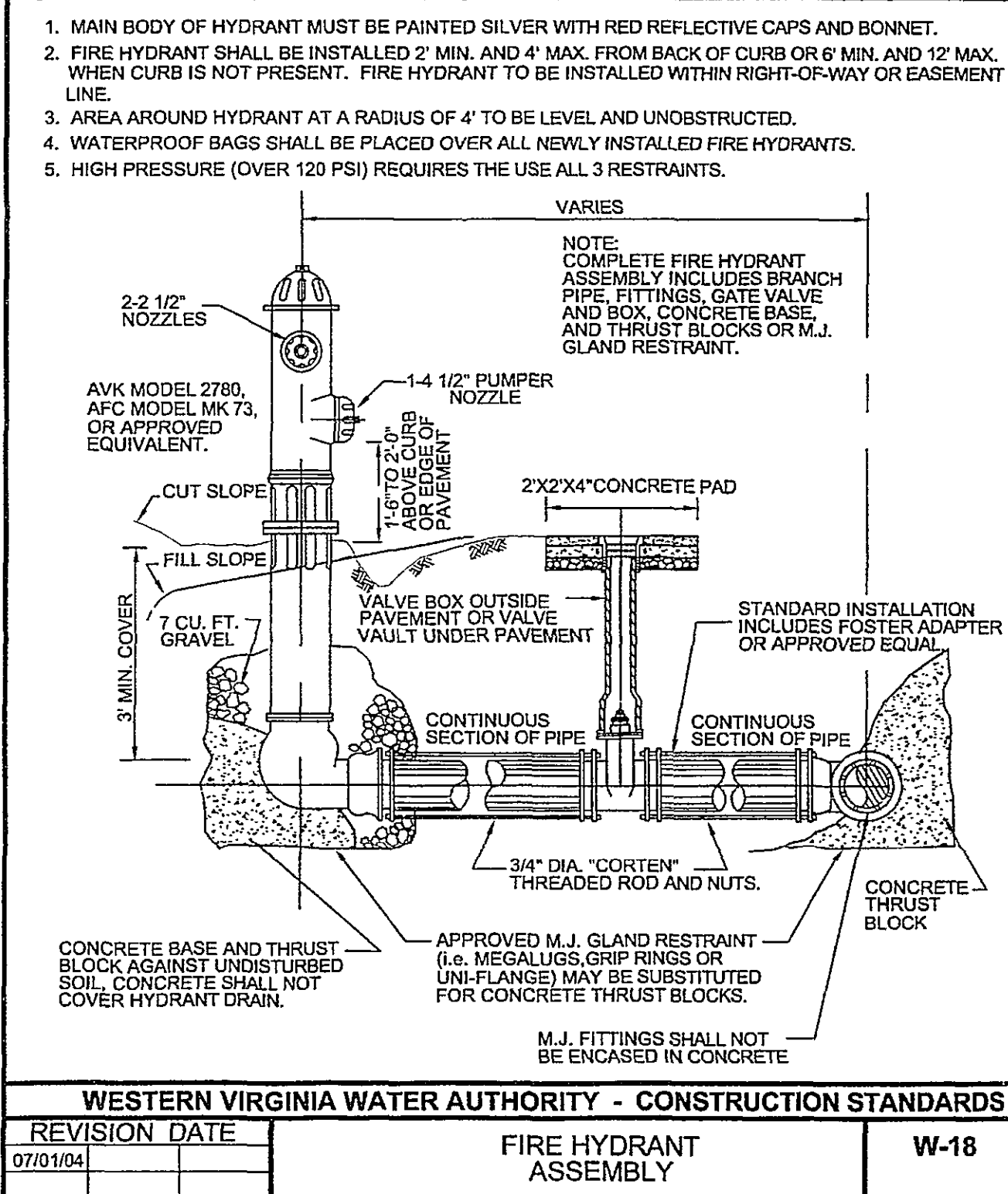
GENERAL EROSION AND SEDIMENT CONTROL NOTES

1. ALL SOIL EROSION & SEDIMENT CONTROL MEASURES SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE STANDARDS AND SPECIFICATIONS CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
2. THE APPROVING AUTHORITY MAY ADD TO, DELETE, RELOCATE, CHANGE, OR OTHERWISE MODIFY CERTAIN EROSION AND SEDIMENT CONTROL MEASURES WHERE FIELD CONDITIONS ARE ENCOUNTERED THAT WARRANT SUCH MODIFICATIONS.
3. ALL SOIL EROSION AND SEDIMENT CONTROL MEASURES AS SHOWN ON THE PLAN SHALL BE PLACED IN ADVANCE OF THE WORK BEING PERFORMED, AS FAR AS PRACTICAL.
4. IN NO CASE DURING CONSTRUCTION SHALL WATER RUNOFF BE DIVERTED OR ALLOWED TO FLOW TO LOCATIONS WHERE ADEQUATE PROTECTION HAS NOT BEEN PROVIDED.
5. IT SHALL BE THE CONTRACTOR'S RESPONSIBILITY TO LEAVE THE SITE ADEQUATELY PROTECTED AGAINST EROSION, SEDIMENTATION, OR ANY DAMAGE TO ANY ADJACENT PROPERTY AT THE END OF EACH DAY'S WORK.
6. FOR THE EROSION CONTROL KEY SYMBOLS SHOWN ON THE PLANS, REFER TO THE VIRGINIA UNIFORM CODING SYSTEM FOR EROSION AND SEDIMENT CONTROL PRACTICES CONTAINED IN THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.



PERMANENT SEEDING MIXTURE

- TYPE A**
- 15 OCTOBER TO 1 FEBRUARY
K-31 FESCUE @ 5 LB / 1000 SF
BORZY WINTER RYE @ 1/2 LB / 1000 SF
- 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
- TYPE B (SLOPES 3:1 OR STEEPER)**
- KENTUCKY 31 FESCUE: 100 LBS./ACRE
RED TOP GRASS: 2 LBS./ACRE
SEASONAL NURSE CROP: 20 LBS./ACRE
CROWN VETCH: 20 LBS./ACRE
TOTAL: 150 LBS./ACRE
- SEASONAL NURSE CROP SEEDING DATES:
MARCH, APRIL - 15 MAY ANNUAL RYE
16 MAY - 15 AUGUST FOXTAIL MILLET
16 AUGUST - OCTOBER ANNUAL RYE
NOVEMBER - FEBRUARY WINTER RYE
- LIME:** 2 TONS/ACRE (90 LBS./1000 SF) PULVERIZED AGRICULTURAL LIMESTONE
- FERTILIZER:** 10-20-10 OR EQUIVALENT NUTRIENTS
RATE: 1000 LBS./ACRE (25 LBS./1000 SF.)
- MULCH:** STRAW OR FIBER MULCH SHALL BE USED OVER ALL SEEDED AREAS AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 1.75 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.
MULCHING RATE: STRAW OR HAY: 1.5-2 TONS/ACRE (70-90 LBS./1000 SF.)
FIBER MULCH: 1500 LBS./ACRE (35 LBS./1000 SF.)



SEE ENLARGED PLAN
SHEET SP-2

FIRE HYDRANT INSTALLATION NOTES

- CITY OF ROANOKE RIGHT OF WAY EXCAVATION AND RESTORATION STANDARDS TO BE FOLLOWED FOR THE PAVEMENT CUT IN KING STREET
- MAINTAIN TRAFFIC CONTROLS ON KING STREET WHILE INSTALLING THE NEW FIRE HYDRANT. NO OPEN EXCAVATIONS SHALL REMAIN OVERNIGHT OR UNATTENDED
- CONNECT NEW 6" WATER TO EXIST. WATERLINE W/ A TAPPING SLEEVE & VALVE. CONTRACTOR TO FURNISH & INSTALL TAPPING SLEEVE & VALVE. TAP TO BE MADE BY WYMA. CONTRACTOR SHALL BE RESPONSIBLE FOR EXCAVATION AND SHORING PER OSHA REGULATIONS
- VERIFY LOCATION AND SIZE OF EXIST. WATERLINE PRIOR TO BEGINNING INSTALLATION OF NEW LINE
- NEW WATERLINE TO BE 6" CLASS 52 DUCTILE IRON
- PATCH PAVEMENT AS NECESSARY FOR WATERLINE INSTALLATION
- SEE HYDRANT DETAIL, THIS SHEET

DATE: May 21, 2007
JULY 3, 2007
REVISIONS

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OVERALL SITE LOCATION PLAN W/ EROSION CONTROL DETAILS & NARRATIVE

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SHEET SP-1

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