

ÉCCIÓN CONT

SEPARATION

RECONSTRUCT EXISTING BERM

PROPOSED 8"

INV = 1046.5

1+00

EXISTING GRADE, TYPICAL

3+50

ERA INST

TER DUC

PROVIDE

COVER,

TYPICAL

INSTALL

_OF 8", CLASS 52 DUCTILE IRON OR.

WATERLINE MEETING WVWA SPECIFICATIONS

PROPOSED WATERLINE PROFILE: SCALES - HORIZ: 1" = 30', VERT: 1" = 10'

3+00

– 484**'** –

3, WINIWAW

STALL"W. SIDENTIA TERAL V DUCING AME &

1070

1060

5+00

PROJECT DESCRIPTION: THE PURPOSE OF THIS PROJECT IS TO EXTEND A PUBLIC WATERLINE TO FOUR RESIDENTIAL HOUSES. APPROXIMATELY 475 LF OF PUBLIC WATERLINE WILL BE INSTALLED WITH THIS PROJECT. THE CONTRACTOR SHALL PERFORM WORK IN ACCORDANCE WITH THE 19 MINIMUM STANDARDS, INCLUDING MS-16 FOR UNDERGROUND UTILITY LINES. THE AMOUNT OF LAND DISTURBANCE IS ESTIMATED AT 4,400 SQUARE FEET (0.1 ACRE). THE EROSION & SEDIMENT CONTROL MEASURES SHOWN HERE ARE DESIGNED IN ACCORDANCE WITH THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK (VA ESCH).

THE SITE GENERALLY DRAINS TO THE NORTHWEST TOWARD THE ROANOKE RIVER. A PORTION OF THE SITE DRAINS TO THE NORTHEAST THROUGH AN EXISTING CULVERT. RUNOFF FROM THE CULVERT ENTERS A TRIBUTARY TO THE ROANOKE RIVER.

AS IDENTIFIED BY THE U.S. DEPARTMENT OF AGRICULTURE, SOIL CONSERVATION SERVICE, GENERAL SOIL MAP, THE BASIC SOIL MATERIAL IS CHISWELL LITZ URBAN LAND.

THE CONTRACTOR SHALL EXCAVATE TRENCHES AND PLACE EXCAVATED MATERIAL ON THE UPHILL SIDE OF TRENCHES. IN AREAS WHERE THE CONTRACTOR CAN NOT PLACE MATERIAL ON THE UPHILL SIDE OF THE TRENCH, THE CONTRACTOR SHALL INSTALL SILT FENCE (NOT SHOWN) TO CAPTURE SEDIMENT LADEN RUNOFF AND FILTER RUNOFF PRIOR TO ENTERING DOWNSTREAM AREAS. ALL SILT FENCE SHALL BE INSTALLED AND CHECKED REGULARLY. THE CONTRACTOR SHALL PROVIDE TEMPORARY AND PERMANENT SEEDING WITHIN SEVEN (7) DAYS OF OBTAINING FINAL GRADES. THE CONTRACTOR SHALL HAVE EQUIPMENT ON-SITE TO KEEP SEDIMENT OFF OF EXISTING PAVED AREAS. THE STAGING AREA AND STOCKPILE AREAS SHALL BE PROTECTED BY SILT FENCE. STAGING AND STOCKPILE AREAS SHALL BE AT LOCATIONS DIRECTED BY THE OWNER.

EROSION & SEDIMENT CONTROL MEASURES: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO THE MINIMUM STANDARDS AND SPECIFICATIONS OF THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK", THIRD EDITION.

REGARDLESS OF FUTURE DEVELOPMENT PLANS, THE CONTRACTOR SHALL IMMEDIATELY INSTALL EROSION AND SEDIMENT CONTROL DEVICES AS SHOWN ON THE PLANS. THIS WORK SHALL BE COORDINATED IN ORDER OF THE WORK WHICH IS TO FOLLOW: CONTROL AT CENTERS OF FLOW, AND OTHER POINTS OF CONCENTRATION SHOWN SHALL BE CONSTRUCTED IN PLACE FIRST. 2. AFTER THE INSTALLED CONTROL DEVICES ARE FOUND TO BE FUNCTIONAL, THE CONTRACTOR SHALL IMMEDIATELY PROCEED WITH DEMOLITION, CLEARING, AND

PRELIMINARY GRADING OPERATIONS. ALL EXPOSED DENUDED AREAS SHALL BE SEEDED WITHIN SEVEN (7) DAYS AFTER FINAL GRADING, AND SHALL BE ACCOMPLISHED IN STRICT ACCORDANCE WITH THE "VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK", THIRD EDITION.

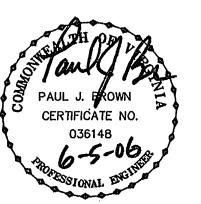
3. IN GENERAL, ALL EROSION AND SEDIMENT CONTROL MEASURES SHALL BE INSPECTED WEEKLY AND AFTER EACH SIGNIFICANT RAINFALL. IN PARTICULAR:

A. MEASURES SHALL BE MAINTAINED TO PREVENT TRACKING OR FLOW OF MUD ONTO PUBLIC RIGHT-OF-WAYS. B. ALL SILT FENCE BARRIERS AND INLET PROTECTIONS SHALL BE CHECKED REGULARLY FOR UNDERMINING AND SEDIMENT BUILDUP.

C. ALL SEEDED AREAS WILL BE CHECKED REGULARLY TO SEE THAT A GOOD STAND IS MAINTAINED. AREAS SHALL BE FERTILIZED AND RESEEDED AS NEEDED. 4. FOLLOWING THE COMPLETION OF DEVELOPMENT AND STABILIZATION OF ALL AREAS AND AFTER IT HAS BEEN DETERMINED THAT EROSION OR SEDIMENTATION IS NO LONGER OCCURRING ON THE SITE OR AT ITS BOUNDARIES AND THAT DRAINAGE FLOWS ARE FUNCTIONING ACCORDING TO DESIGN, THE CONTRACTOR MAY THEN BEGIN TO REMOVE THE TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES. THIS WORK SHALL BE DONE IN A CAREFUL, NEAT, ORGANIZED MANNER.

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M CO W 309

REVISIONS:

DESIGNED BY:

DRAWN BY: **CHECKED BY:** SCALE: 1" = 30'

22 March 2006

SHEET TITLE:

Plan & Profile Sheet

WVWA ID# 6PDNGR

02 OF 03 PROJECT NUMBER: