
TAX MAP 79-2-1-67
N/F
ROANOKE COUNTY BOARD OF SUPERVISORS
NO DEED REFERENCE
ZONED: AV

EXISTING SITE CONDITIONS.
THE PROJECT SITE, WHICH IS OWNED BY THE ROANOKE COUNTY SCHOOL BOARD, IS SITUATED ON THE EXISTING MOUNT PLEASANT ELEMENTARY SCHOOL SITE. THE SITE CONSISTS OF THE EXISTING ELEMENTARY SCHOOL BUILDING, PAVED PARKING AREAS, SIDEWALKS, ON-SITE WATER AND SANITARY SEWER UTILITIES, AND OTHER UTILITY EXISTING STORMWATER RUNOFF IS CONVEYED OFF-SITE BY MEANS OF SHEET FLOW TO EXISTING CHANNELS OF CONVEYANCE. THE ARFA

SOILS
26B HAYESVILLE FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES
26C HAYESVILLE FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES
26D HAYESVILLE FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES
27C HAYESVILLE GRAVELLY FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES

PERMANENT OR TEMPORARY SOIL STABILIZATION SHALL BE APPLIED TO DISTURBED AREAS WITHIN SEVEN DAYS AFTER FINAL GRADE IS REACHED ON ANY PORTION OF THE DISTURBED AREA.

ED AND BANKS OF WATERCOURSE SHALL BE STABILIZED IMMEDIATELY
WORK IN THE WATERCOURSE IS COMPLETED. *RESPONSE: N/A.*

SCALE IN FEET

APRIL 3, 2009	08142-03	MPT	MPT	RCM, TMK
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COMMONWEALTH OF VIRGINIA

Lic. No. 036345
06/02/09
PROFESSIONAL ENGINEER

EDUCATION,

VIRGINIA DEE

HOOL	AN
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SEWER
T CONT

PLEASANT BOULEVARD & SE

PROJECT
DRAWING

C5 02

CS-02

NEW TREELINE LOCATION
AFTER CLEARING,
GRUBBING, AND GRADING

SHALL BE STABILIZED WITH TOPSOIL, MULCHING, AND PERMANENT SEEDING.

ATCHED AREA
ES LOCATION
VERSION DITCH
TO CARRY

1140

FD

HA
LO

ALL DISTURBED
AREAS TO THE LEFT
OF THIS LINE SHALL
BE STABILIZED WITH
TEMPORARY SEEDING

11.5

SLOPE

Diagram showing a node with a dashed line and a node with a solid line and a cross.

ARTHEM EMBANKMENT
MINIMUM STANDARD 3.01

MINIMUM REQUIRED DENSITY IS 95% OF MAXIMUM DRY DENSITY WITH MOISTURE CONTENT WITHIN $\pm 2\%$ OF THE OPTIMUM, UNLESS OTHERWISE SPECIFIED BY THE ENGINEER. EACH LAYER OF FILL SHOULD BE COMPACTED AS NECESSARY TO OBTAIN MINIMUM DENSITY AND THE ENGINEER SHOULD CERTIFY, AT THE TIME OF CONSTRUCTION, THAT EACH FILL LAYER MEETS THE MINIMUM DENSITY REQUIREMENT. ALL COMPACTION IS TO BE DETERMINED BY EITHER STANDARD TEST (ASTM D1556) OR FIELD DENSITY TEST (ASTM D1586).

CTOR TEST (ASTM D985) ON THE MODIFIED PROCTOR TEST (ASTM D1557) AS DIRECTED
GEOTECHNICAL ENGINEER BASED ON SITE AND SOIL CONDITIONS AND THE SIZE AND T
TURE BEING BUILT. COMPACTION REPORTS SHALL BE SUPPLIED TO THE COUNTY.

1. SEDIMENT SHALL BE REMOVED AND THE TRAPS RESTORED TO THEIR ORIGINAL DIMENSIONS WHEN THE SEDIMENT HAS ACCUMULATED TO ONE HALF THE DESIGN VOLUME OF THE WET STORAGE. SEDIMENT REMOVAL FROM THE BASIN SHALL BE DEPOSITED IN A SUITABLE AREA AND IN SUCH A MANNER THAT IT WILL NOT ERODE AND CAUSE SEDIMENTATION PROBLEMS.

3. THE STRUCTURES SHOULD BE CHECKED REGULARLY TO ENSURE THAT THEY ARE STRUCTURALLY SOUND AND HAVE NOT BEEN DAMAGED BY COLLISIONS.

THE TOP OF THE EMBARKMENT.

1. INSTALL CONSTRUCTION ENTRANCE, INLET PROTECTION, AND SILT FENCE AS SHOWN.
2. CONSTRUCT TEMPORARY SEDIMENT TRAPS AND DIVERSION DIKES. STABILIZE THE AREAS DISTURBED DURING CONSTRUCTION OF THE SEDIMENT BASIN AND THESE RELATED CONTROLS.
3. STABILIZE SEDIMENT TRAPS IMMEDIATELY AFTER INSTALLATION IN CONFORMANCE WITH MS 6. PERFORM INSPECTIONS AS NOTED ON THE PLANS AND IN THE MS 1 RESPONSE TO ENSURE STABILIZATION OF ALL GRADED AREAS.
4. INSTALL SILT FENCE AND ALL INLET PROTECTION AT AREAS SHOWN. PERFORM ALL NECESSARY AND PROPOSED GRADING. INSTALL TEMPORARY SLOPE DRAIN AND ACCOMPANYING INLET/OUTLET PROTECTION ONCE GRADING IS COMPLETED BY PROPOSED PLAYGROUND.
5. INSTALL SANITARY SEWER MAIN EXTENSION AS SHOWN.
6. PERFORM INSPECTIONS AS NOTED ON THE PLANS AND IN THE MS 1 RESPONSE TO ENSURE STABILIZATION OF ALL GRADED AREAS. IF REQUIRED, APPLY ADDITIONAL STABILIZATION MEASURES AS NOTED IN THE PLANS TO ACHIEVE PERMANENT STABILIZATION.
7. SEDIMENT TRAP #3 MAY BE REMOVED UPON PERMANENT STABILIZATION OF AREAS DRAINING TO THE SEDIMENT TRAP AS DETERMINED BY ROANOKE COUNTY.
8. FOR FINAL COMPLETION OF THIS SITE PLAN, CONTRACTOR SHALL FOLLOW THE ESC COMPLETION NOTES LISTED ON THIS SHEET FOR FINAL STABILIZATION AND TRANSFER OF PROJECT SITE.

A horizontal scale bar with alternating black and white segments. Above the bar, the numbers 30, 15, 0, 30, 60, and 90 are marked. Below the bar, the text "SCALE IN FEET" is centered.