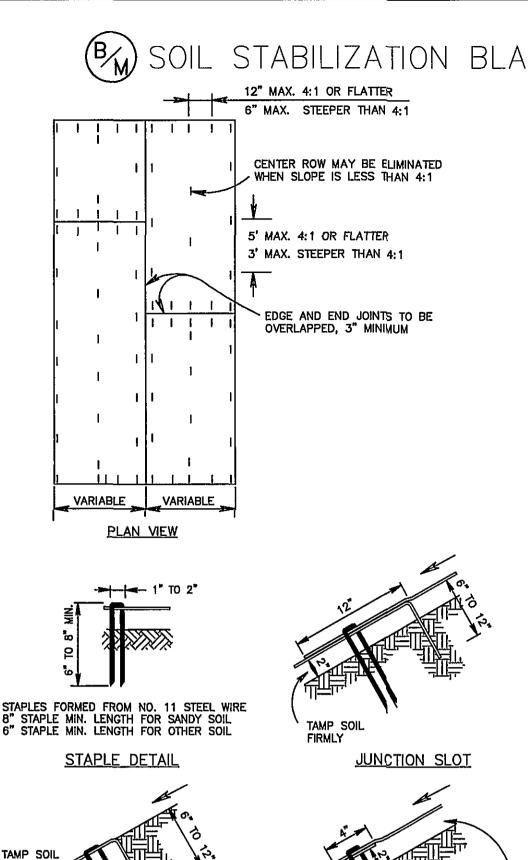


SPECIFIC APPLICATION

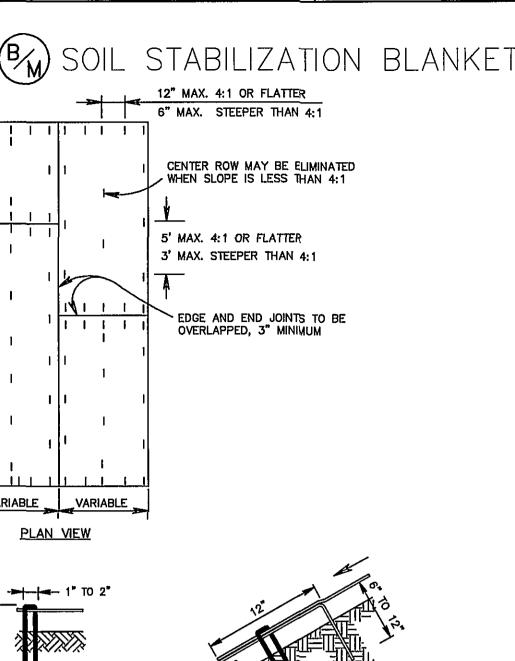
THIS METHOD OF INLET PROTECTION IS APPLICABLE WHERE HEAVY FLOWS ARE EXPECTED AND WHERE AN OVERFLOW CAPACITY IS NECESSARY TO PREVENT EXCESSIVE PONDING

• GRAVEL SHALL BE VDOT #3, #357 OR #5 COARSE AGGREGATE.

AROUND THE STRUCTURE.



ANCHOR SLOT



TERMINAL FOLD

MANAGEMENT STRATEGIES

PROJECT DESCRIPTION

EXISTING SITE CONDITIONS

ADJACENT PROPERTIES

OFF-SITE AREAS

Salem Virginia.

CRITICAL EROSION AREAS

Handbook, latest edition.

Silt Fence-3.05

Construction Entrance-3.02

Temporary Seeding-3.31

Permanent Seeding-3.32

Inlet Protection-3.07

Mulching-3.35

Safety Fence-3.01

and construction area.

Construction Road Stabilization-3.03

of the site to prevent tracking.

temporarily within seven days.

laden runoff from leaving the site.

EROSION AND SEDIMENT CONTROL MEASURES

asphalt drive aisles and parking area.

0.75 acre.

The project consists of an addition to an existing church building of approx. 18,928 S.F. +/- Utilities are planned and shown on the layout and utility sheet. Total project area is 0.75 acres. Total disturbed area is approximately

The site development area consists of a church building, existing residence,

There are no off-site impacts anticipated with this development.

On site soils are identified as 6D Chiswell—Litz Urban land complex. Soils

Silt fence and construction entrance should be installed to prevent sediment

A gravel construction entrance will prevent mud and dust from entering

Silt fence will protect downstream property from sediment laden runoff.

Areas not receiving buildings, paving or landscaping will be seeded.

sediment from entering the system and temporary stabilization.

Any denuded areas left dormant for extended periods of time will be seeded

A sediment trapping measure for stormwater inlets and culverts to prevent

To reduce erosion and sedimentation by stabilizing disturbed areas that will not be brought to final grade for a period of more than 30 days.

A protective barrier installed to prevent access to an erosion control measure

Temporary roadway stabilization such as gravel on frequently traveled areas

Blanket Matting—3.36
The installation of a protective covering or a soil stabilization mat on a prepared planting area of a steep slope, channel or shoreline.

All measures to be in accordance with the Virginia Erosion and Sediment Control

information is from the U.S. Department of Agriculture soils survey map containing a soils survey of Roanoke County and the Cities of Roanoke and

The adjacent property to the east is a single family residence, property to the

west is Spring Road, property to the north is Brambleton Ave., and to the south

1.Construction will be sequenced so that grading operations can begin and end as quickly as possible.

2.The gravel construction entrance will be installed as a first step in construction.

3.Install silt fence and safety fence as the second step in construction prior to any earthwork or foundation excavation...

4. The asphalt shall be saw cut and removed, parking area brought to subgrade and stablized with construction road stabilization immediately to prevent

5. The existing parking area shall be graded as a final step in construction so that immediately after grading the parking area can be stablized with a final base of stone and paved.

6. Inlet protection shall be applied to all proposed inlet and existing inlet in the construction area to prevent sediment laden runoff from being transferred into the storm sewer system.

7.Temporary seeding or other stabilization will follow immediately after major grading activities.
The job superintendent shall be responsible for the installation and maintenance of all erosion and sediment control practices.

8.After achieving adequate stabilization, the temporary erosion and sediment control measures will be cleaned and removed.

PERMANENT_STABILIZATION

All areas disturbed by construction which do not receive buildings or paying shall be stabilized with permanent seeding as specified. All seeding shall be tacked and mulched and placed immediately after reaching finished grade.

STORMWATER MANAGEMENT

Stormwater Management is being proposed through the addition of landscaping adjacent to the parking area and around Sweetbrier Ave. This additional landscaping will provide additional infiltration of stormwater from the site. MAINTENANCE

In general, all erosion and sediment control measures will be checked daily and after each significant rainfall. In particular:

Silt fence will be checked regularly for undermining or deterioration of the fabric. Sediment shall be removed when the level of sediment deposition reaches halfway to the top of the barrier.

The seeded areas shall be checked regularly to ensure that a good stand is maintained. Areas should be fertilized and reseeded as needed.

The contractor shall inspect all erosion control devices immediately after each significant rainfall and daily during periods of prolonged or heavy rainfall and repair all structures as necessary with in 48 hours.

CROGER I. STURGILI No. 033058

REFLECTING TOMORR www.balzer.cc PLANNERS • ARCHITECTS ENGINEERS • SURVEYORS

1208 Corporate Circle Roanoke, Virginia 24018 Phone: 540/772-9580 FAX: 540/772-8050

501 Branchway Road

880 Technology Park Drive

Richmond, Virginia 23236 Phone: 804/794-0571 FAX: 804/794-2635

Suite 200 Gion Allon, Virginia 23059 Phone: 804/553-0132 FAX: 804/553-0133

448 Peppers Ferry Road, NW Christiansburg, Virginia 24073 Phone. 540/381-4290 FAX- 540/381-4291

1561 Commerce Road Suite 401 Verona, Virginia 24482 Phone. 540/248-3220 FAX: 540/248-3221

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DRAWN BY: BTC DESIGNED BY: BTC

ER

CHECKED BY: SMH DATE: 6-4-07

REVISIONS:

7-3-07 8-24-07 10-30-07

SCALE: AS SHOWN

SHEET NO.

JOB NO. R0500329.00