

24 to 34 inches, dark red clay loam that has yellowish red mottles 34 to 62 inches, red clay that has light yellowish brown mottles

Critical Areas:
There are no specific critical areas for concern with this project. However, the contractor shall take scpecial care to establish permanent stabilization on all steep slopes.

All erosion and sediment control practices and procedures shall be in accordance with the latest edition of the Virginia Erosion and Sediment Control Handbook.

Erosion and Sediment Control Measures:

Standard and Specification 3.02 - Construction Entrance (CE) A temporary construction entrance shall be installed where the construction access road leaves existing pavement. During wet weather conditions, drivers of construction vehicles will be required to wash their wheels before entering the street. When construction vehicles must enter disturbed areas, the tires of the vehicle shall be manually cleaned prior to leaving the site, if necessary.

Standard and Specification 3.05 - Sit Fence (SF) Silt Fence shall be installed at the lower edge of disturbed areas as shown on the plan. Two types of silt fence are shown on the plans in accordance with VDOT standards. The taller fence is specified as slit fence, "SF". A shorter fence is specified as filter barrier, "FB".

Standard and Specification 3.07 - Intlet Protection (IP) Inlet Protection shall be installed to minimize the amount of sediment laden runoff from entering the storm drain

Standard and Specification 3.32 - Permanent Seeding (PS)
Permanent Seeding shall be installed on all disturbed areas of the site not otherwise stabilized.

Standard and Specification 3.36 - Soil Stabilization Blankets and Matting (B/M) Soil Stabilization Blankets and Matting shall be added to all 2:1 slapes created and disturbed during construction of sanitary sewer line.

All erosion and sediment control measures shall be inspected bi—weekly and after every runoff producing rainfall.

A log of dates and inspections shall be kept. Any deficiencies that are found shall be corrected immediately.

Accumulated sediment at trapping measures shall be routinely removed.

All ditches, swales, and natural watercourses downstream of this project shall be field inspected during and after construction by the RLD to ensure compliance with DCR's MS-19. If erosion or acour is occurring the developer shall be responsible for all corrective measures.

Erosion and sediment control measures shall be maintained until after all disturbed areas have been permanently stabilized and then temporary measures properly removed.

MS-6: Where a sediment trap (<3 acres of drainage) or sediment basin (>3 acres of drainage) are indicated calculations shown are based on outlined drainage areas. Contractor shall honor indicated drainage divides and conform to volumes, details, etc. provided on

NOT APPLICABLE; no sediment traps or basins are proposed for this project.

MS-7: Care has been taken in design to minimize drainage over slopes and provide a suitable protective stabilization method. Contractor shall protect slope areas during and after construction from concentrated runoff and the erosion effects of wind and rain. Stabilize as soon as practical to minimize erosion.

NOT APPLICABLE; no drainage are proposed over slopes.

MS-8: Where concentrated runoff has been routed down slopes care has been taken to design an adequate channel or drain. Contractor shall install these measures along with their stabilization as soon as practical to protect slope.

NOT APPLICABLE; no channels or drains are proposed over slopes.

MS-9: NOT APPLICABLE; seepage through slopes is not anticipated to be encountered on this project.

MS-10: Inlet or culvert inlet protection is proposed for the inlets of all storm sewers or culverts on-site. RLD shall insure proper installation and assure adequate sizing based on drainage area of each inlet.

NOT APPLICABLE; no culverts or storm sewer are proposed in this project and no culvert or storm sewer inlets are adjacent to

MS-11: RLD shall verify that adequate channel linings and proper outlet protection is in place prior to operation of storm sewer

NOT APPLICABLE; no no storm sewer system proposed.

MS-18: See Maintenance under ESC Narrative for removal of temporary measure.

MS-19: Increases in stormwater volume, velocity, and peak runoff have been addressed in the plan per calculations submitted for review. Responsible Land Disturber shall pay particular attention to off-site areas contributing runoff to the site and off-site locations receiving runoff from this project. All ditches, swales, and natural watercourses downstream of this project shall be field inspected during and after construction by the RLD to ensure compliance with DCR's MS-19. If erosion or acour is occurring the developer shall be responsible for all corrective measures.

EROSION AND SEDIMENT CONTROI PLAN N S S **<** Z の回題 88 E.E. >3 0 - 0 0 4 March 14, 2006 1" = 30OMMISSION NO: 05-195

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