

CONSTRUCTION SEQUENCING FOR SEDIMENT/DETENTION BASIN

1. INSTALL TEMPORARY SLOPE DRAIN TO DIVERT UPSTREAM CHANNEL AROUND SEDIMENT BASIN.
2. EXCAVATE "WET" STORAGE OF SEDIMENT BASIN, AS INDICATED BY THE 48, 50, & 52 CONTOURS ON THIS SHEET.
3. ATTACH TEMPORARY RISER PIPE TO EXISTING 12" HDPE. SEE DETAIL 1/C-5.2.
4. EXCAVATE TRENCHES AND INSTALL UPSTREAM STORM STRUCTURES (40, 41, ETC.).
5. AFTER BUILDING CONSTRUCTION IS COMPLETE AND ALL AREAS HAVE BEEN STABILIZED, REGRADE DETENTION BASIN AREA TO PROVIDE THE GRADE AND VOLUME AS SHOWN ON SHEET C-1.3.
6. INSTALL DOWNSTREAM OUTLET PIPES AND STRUCTURES. REMOVE EXISTING 12" HDPE.
7. REMOVE TEMPORARY SLOPE DRAIN DIVERSION AND DIRECT CHANNEL TO BASIN AS SHOWN ON SHEET C-1.3. PROVIDE ALL CHANNEL PROTECTION REQUIRED.
8. STABILIZE AND SEED ALL AREAS DISTURBED DURING DETENTION BASIN GRADING.

GENERAL EROSION AND SEDIMENT CONTROL NOTES

- ES-1: Unless otherwise indicated, all vegetative and structural erosion and sediment control practices will be constructed and maintained according to minimum standards and specifications of the Virginia Erosion and Sediment Control Handbook and Virginia Regulations A VAC50-30 Erosion and Sediment Control Regulations.
- ES-2: The plan approving authority must be notified one week prior to the preconstruction conference, one week prior to the commencement of land disturbing activity, and one week prior to the final inspection.
- ES-3: All erosion and sediment control measures are to be placed prior to or as the first step in clearing.

- ES-4: A copy of the approved erosion and sediment control plan shall be maintained on the site at all times.
- ES-5: Prior to commencing land disturbing activities in areas other than indicated on these plans (including, but not limited to, off-site borrow or waste areas), the contractor shall submit a supplementary erosion control plan to the owner for review and approval by the plan approving authority.
- ES-6: The contractor is responsible for installation of any additional erosion control measures necessary to prevent erosion and sedimentation as determined by the plan approving authority.

- ES-7: All disturbed areas are to drain to approved sediment control measures at all times during land disturbing activities and during site development until final stabilization is achieved.
- ES-8: During dewatering operations, water will be pumped into an approved filtering device.
- ES-9: The contractor shall inspect all erosion control measures periodically and after each runoff-producing rainfall event. Any necessary repairs or cleanup to maintain the effectiveness of the erosion control devices shall be made immediately. Virginia Erosion and Sediment Control Regulations are found in section "4VAC50-30" of the Code of Virginia.

KEY PLAN

GENERAL NOTES

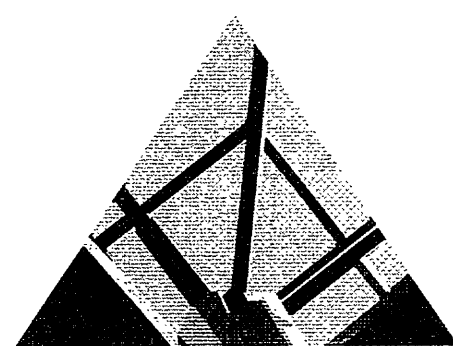
ESC LEGEND

PROPOSED	DESCRIPTION
(SF)	SILT FENCE VA ESC HANDBOOK No. 3.05
(OP)	OUTLET PROTECTION VA ESC HANDBOOK No. 3.18
(SCC)	STORMWATER CONVEYANCE CHANNEL VA ESC HANDBOOK No. 3.17
(IP)	INLET PROTECTION VA ESC HANDBOOK No. 3.07
(TS)	TEMPORARY SEEDING VA ESC HANDBOOK No. 3.31
(PS)	PERMANENT SEEDING VA ESC HANDBOOK No. 3.32
(CE)	CONSTRUCTION ENTRANCE VA ESC HANDBOOK No. 3.02
(CRS)	CONSTRUCTION ROAD STABILIZATION VA ESC HANDBOOK No. 3.03
(SB)	TEMPORARY SEDIMENT BASIN VA ESC HANDBOOK No. 3.14
(MU)	MULCHING (OVER PERMANENT SEEDING) VA ESC HANDBOOK No. 3.35
(SO)	SODDING VA ESC HANDBOOK No. 3.33
(DV)	DIVERSION VA ESC HANDBOOK No. 3.12
(CD)	CHECK DAM VA ESC HANDBOOK No. 3.20

SEE VIRGINIA EROSION & SEDIMENT CONTROL HANDBOOK

GN-1: TOTAL DISTURBED AREA = 0.94 AC.

GN-2: INTERIOR ISLANDS ARE TO BE SOD WHERE INDICATED ON SHEET L-1.1. ALL OTHER DISTURBED AREAS INTENDED FOR LAWN SHALL BE SEED.



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SPECTRUM DESIGN PROJECT NO. 06128



DATE: 16 JANUARY, 2007
DESIGN ARCHITECT: MAR
PROJECT ARCHITECT: MAR
CHECKED BY: MAR
DRAWN BY: MAR
REVISIONS: NUMBER 1 DATE 02/21/2007

SHEET TITLE

ESC PLAN

C-1.4