

E.S.C. CONSTRUCTION SEQUENCE:

PHASE 1

1. THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS THE FIRST STEP IN CONSTRUCTION. A TEMPORARY ACCESS ROAD SHALL BE INSTALLED WITH CONSTRUCTION ROAD STABILIZATION AS SHOWN.
2. INSTALL SILT FENCE AROUND THE PERIMETER OF THE DISTURBED AREA AS SHOWN. WIRE-BACKED SILT FENCE SHALL BE INSTALLED IN THE AREA AROUND THE EXISTING WATERCOURSE ON THE WESTERN SIDE OF THE SITE.
3. INSTALL SEDIMENT TRAPS IN THE LOCATIONS SHOWN. DIVERSIONS SHALL BE INSTALLED AS EXISTING GRADES ALLOW.

PHASE 2 (REFER TO SHEET C3 FOR ADDITIONAL DETAILS)

4. AT THIS TIME, MAJOR GRADING OPERATIONS SHALL COMMENCE.
5. AS THE SITE IS GRADED, THE ELEVATION AND LOCATION OF THE FILL DIVERSIONS SHALL BE ADJUSTED AS NECESSARY TO ENSURE THAT SEDIMENT-LADEN RUNOFF IS DIRECTED TO THE SEDIMENT TRAP AT ALL TIMES WITH POSITIVE DRAINAGE PATTERNS.
6. TEMPORARY SLOPE DRAINS SHALL BE INSTALLED WITH THE FILL DIVERSIONS AS NECESSARY AND ADJUSTED AS FILL MATERIAL IS PLACED.
7. A TOPSOIL STOCKPILE SHALL BE PROVIDED ON-SITE AS NECESSARY. SILT FENCE SHALL BE MAINTAINED ALONG THE LOW SIDE OF THE STOCKPILE AT ALL TIMES. THE STOCKPILE SHALL RECEIVE TEMPORARY SEEDING AS REQUIRED.
8. G.C. SHALL ENSURE THAT TEMPORARY SEEDING IS PROVIDED FOR ALL AREAS THAT WILL REMAIN DENUDEED AND UNDISTURBED FOR LONGER THAN 14 DAYS.
9. G.C. SHALL PAY SPECIAL ATTENTION TO DISTURBED AREAS NEAR THE EXISTING STORM WATER MANAGEMENT FACILITY TO THE EAST OF THE SITE AND THE EXISTING WATERCOURSE TO THE WEST OF THE PROJECT AREA. INSPECTION SCHEDULES AND MAINTENANCE OF ESC MEASURES SHALL BE STRICTLY ADHERED TO IN THESE AREAS.
10. AFTER FINAL GRADES HAVE BEEN ACHIEVED, PERMANENT SEEDING SHALL BE PROVIDED FOR ALL DISTURBED AREAS.
11. AFTER PERMANENT STABILIZATION HAS BEEN ACHIEVED, THE SEDIMENT TRAP, TEMPORARY SLOPE DRAIN, AND DIVERSIONS MAY BE REMOVED. SEDIMENT TRAP #4 SHALL BE REMOVED PRIOR TO SEDIMENT TRAP #3 AND SEDIMENT TRAP #3 SHALL BE REMOVED PRIOR TO SEDIMENT TRAP #2 TO AVOID HAVING EXCESSIVE DRAINAGE AREA TO ANY OF THE TRAPS.
12. THE SILT FENCE AND CONSTRUCTION ENTRANCE SHALL BE REMOVED AS THE FINAL STEP IN CONSTRUCTION.
13. BOTETOURT COUNTY INSPECTION AND APPROVAL IS REQUIRED PRIOR TO REMOVAL OF ANY EROSION AND SEDIMENT CONTROL MEASURES.

ESC LEGEND

3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE
3.05	SILT FENCE	SF
3.08	CULVERT INLET PROTECTION	CIP
3.10	TEMPORARY FILL DIVERSION	FD
3.13	TEMPORARY SEDIMENT TRAP	ST

3.15	TEMPORARY SLOPE DRAIN	TSD
3.18	OUTLET PROTECTION	OP

G.C. SHALL PAY SPECIAL ATTENTION TO INSPECTION FREQUENCY AND MAINTENANCE ESC MEASURES NEAR THE OUTFALL TO THE LAKE

