

E.S.C. PHASE I SEQUENCE:

1. THE STORM WATER POLLUTION PREVENTION PLAN (SWPPP) SHALL BE PROVIDED ON-SITE AND ALL REGULATIONS, INSPECTIONS, AND PROCEDURES FOLLOWED FOR THE ENTIRE DURATION OF THE PROJECT. SEE 'SWPPP' DOCUMENT FOR SITE SPECIFIC REQUIREMENTS AND INSPECTIONS.
2. THE CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS A FIRST STEP OF CONSTRUCTION. THE CONSTRUCTION ENTRANCE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. G.C. SHALL PAY SPECIAL ATTENTION TO ENSURE SEDIMENT LADEN RUNOFF IS NOT DIRECTED TOWARDS THE ADJACENT PUBLIC RIGHT OF WAY AND THERE SHALL BE NO MUD 'TRACKING' FROM THE SITE INTO THE PUBLIC RIGHT OF WAY.
3. INLET PROTECTION, SILT FENCE, AND ROCK CHECK DAMS TO BE INSTALLED AS SHOWN PRIOR TO ANY LAND DISTURBANCE. INLET PROTECTION, SILT FENCE, AND ROCK CHECK DAMS SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT AND SHALL BE CHECKED AFTER EACH MEASURABLE RAIN EVENT AS REQUIRED BY THE EROSION AND SEDIMENT CONTROL HANDBOOK.

THE R.L.D. ASSIGNED TO THE PROJECT SHALL ENSURE ALL REGULATIONS ARE FOLLOWED AND DOCUMENTED THROUGHOUT THE ENTIRE PROJECT TO PREVENT THE EXCESSIVE BUILD-UP OF SEDIMENT. ALL BUILT UP SEDIMENT SHALL BE REMOVED AND PROPERLY DISPOSED OF.
4. SEDIMENT TRAPS AND DIVERSIONS SHALL BE CONSTRUCTED AS SHOWN. SEE DETAILS ON SHEET C7.4. THE DIVERSIONS SHALL BE INSTALLED AS SHOWN TO DIRECT SEDIMENT LADEN RUNOFF TO THE SEDIMENT TRAPS.
5. DURING A PERIOD OF DRY WEATHER, FILL THE NORTHERN FILL AREA TO APPROXIMATELY THE 1204 CONTOUR. A DRAINAGE CHANNEL SHALL BE PROVIDED AS SHOWN ON PLANS FOR DEWATERING PURPOSES IN THIS AREA. CHANNEL SHALL DRAIN TO THE EXISTING GRATE INLET WITH INLET PROTECTION. AS FILL MATERIAL IS BROUGHT IN, ADJUST THE DRAINAGE CHANNEL AS NEEDED TO PROVIDE POSITIVE DRAINAGE TO THE INLET.
6. A RIGHT-OF-WAY DIVERSION SHALL BE INSTALLED NEAR THE SITE ENTRANCE AS NECESSARY TO ENSURE THAT SEDIMENT LADEN RUNOFF IS DIRECTED TOWARDS SEDIMENT TRAP 2 AND NOT ONTO MILLWHEEL DRIVE.
7. MAJOR GRADING OPERATIONS SHALL COMMENCE ONCE THE SILT FENCE, INLET PROTECTION, DIVERSION DIKES, ROCK CHECK DAMS, AND SEDIMENT TRAPS HAVE BEEN INSTALLED. TOPSOIL IS TO BE STOCKPILED AS SHOWN.
8. G.C. SHALL ENSURE THAT THE LIMITS OF DISTURBANCE ARE STRICTLY ADHERED TO DURING THE PROJECT.
8. NO DEVIATIONS TO THE PLANS SHALL TAKE PLACE UNLESS PRIOR APPROVAL FROM THE OWNER, PROJECT ENGINEER, AND THE APPROPRIATE REVIEW AGENCIES.
9. SEE SHEET C7.2 FOR PHASE II OF THE EROSION AND SEDIMENT CONTROL PLAN.

E&SC MEASURES

3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE
3.05	SILT FENCE	SF
3.07	STORM DRAIN INLET PROTECTION	IP
3.09	TEMPORARY DIVERSION DIKE	DD
3.10	TEMPORARY FILL DIVERSION	FD
3.11	TEMPORARY RIGHT OF WAY DIVERSION	RWD
3.13	TEMPORARY SEDIMENT TRAP	ST
3.20	ROCK CHECK DAM	CD
3.31	TEMPORARY SEEDING	TS



BALZER & ASSOCIATES
PLANNERS / ARCHITECTS
ENGINEERS / SURVEYORS

Roanoke / Richmond
New River Valley / Staunton
Harrisonburg / Lynchburg
www.balzer.cc

1208 Corporate Circle
Roanoke, VA 24018
540.772.9580



RIVER OAKS SECTION 3

E.S.C. PLAN - PHASE I

DRAWN BY KAM
DESIGNED BY CPB
CHECKED BY CPB
DATE 1/6/2021
SCALE 1" = 30'
REVISIONS
3/8/2021
3/30/2021

C7.1
PROJECT NO. 04200041.00

APPROVED, 5/13/2021