

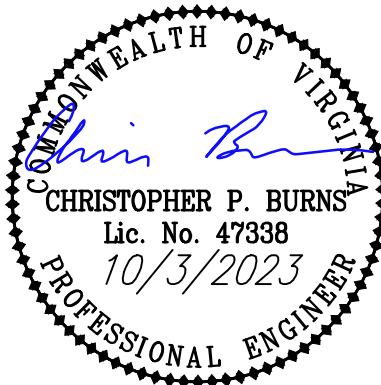


**BALZER
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SOUTHERN TEAM HYUNDAI

ESC PLAN PHASE I

7300 WILLIAMSON ROAD
ROANOKE COUNTY, VIRGINIA

DRAWN BY KAM
DESIGNED BY BTC
CHECKED BY BTC
DATE 5/16/2022
SCALE 1" = 30'
REVISIONS
7/15/2022
8/10/2022
2/23/2023 PR#1
7/10/2023 PR#2
10/3/2023 PR#3

C7.1
PROJECT NO. 04220008.00

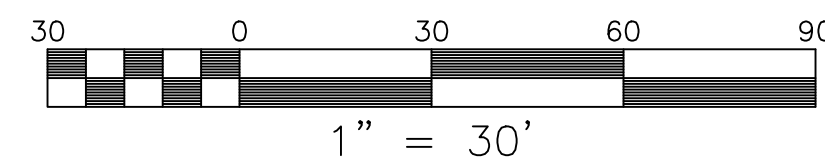
ESC LEGEND

3.02	TEMPORARY STONE CONSTRUCTION ENTRANCE	CE
3.05	SILT FENCE	SF
3.07	STORM DRAIN INLET PROTECTION	IP
3.08	CULVERT INLET PROTECTION	CIP
3.09	TEMPORARY DIVERSION DIKE	DD
3.13	TEMPORARY SEDIMENT TRAP	ST
3.31	TEMPORARY SEEDING	TS
3.32	PERMANENT SEEDING	PS
3.35	MULCHING	MU
3.36	SOIL STABILIZATION BLANKETS & MATTING	B/M

ESC SEQUENCE

1. THE SWPPP SHALL BE PROVIDED ON-SITE AND ALL REGULATIONS, INSPECTIONS, AND PROCEDURES FOLLOWED FOR THE ENTIRE DURATION OF THE PROJECT. SEE GENERAL PERMIT DETAILS FOR ADDITIONAL INFORMATION AND SWPPP FOR SITE SPECIFIC REQUIREMENTS AND INSPECTIONS.
2. CONSTRUCTION ENTRANCE SHALL BE INSTALLED AS THE FIRST STEP IN 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, CULVERT INLET PROTECTION, CHECK DAMS, AND SILT FENCE TO BE INSTALLED AS SHOWN PRIOR TO ANY LAND DISTURBANCE. SILT FENCE 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. INLET PROTECTION SHALL BE MAINTAINED ON EXISTING INLETS AS LONG AS THEY REMAIN OPERATIONAL, AND SHALL BE INSTALLED AND MAINTAINED ON PROPOSED INLETS AS THEY BECOME FUNCTIONAL.

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. EXISTING STORM SEWER MAY BE REMOVED ONCE SILT FENCE IS INSTALLED. G.C. SHALL ENSURE NO SEDIMENT LADEN RUNOFF IS TRANSPORTED THROUGH THE STORM SEWER SYSTEM BEFORE IT IS REMOVED, AND INLET PROTECTION SHALL REMAIN ON THE EXISTING INLETS AS LONG AS THEY ARE FUNCTIONAL.
6. DEMOLITION OPERATIONS MAY BEGIN ONCE THE CONSTRUCTION ENTRANCE, SILT FENCE, INLET PROTECTION, DIVERSION DIKES, AND SEDIMENT TRAPS ARE INSTALLED AS SHOWN.
7. MAJOR GRADING OPERATIONS AND RETAINING WALL CONSTRUCTION MAY COMMENCE ONCE THE SILT FENCE, DIVERSION DIKES, AND SEDIMENT TRAPS HAVE BEEN INSTALLED.
8. THE CONCRETE WASHOUT SHALL BE INSTALLED AND MADE FUNCTIONAL PRIOR TO ANY CONCRETE INSTALLATION ON-SITE.
9. G.C. SHALL ENSURE THAT THE LIMITS OF DISTURBANCE ARE STRICTLY ADHERED TO DURING THE PROJECT.
10. NO DEVIATIONS TO THE PLANS SHALL TAKE PLACE UNLESS PRIOR APPROVAL FROM THE OWNER, PROJECT ENGINEER, AND THE APPROPRIATE REVIEW AGENCIES.
11. SEE SHEET C7.2 FOR PHASE II OF THE EROSION AND SEDIMENT CONTROL PLAN.



G.C. SHALL ENSURE NO
DISTURBANCE TO EXISTING
VEGETATION

LIMITS OF DISTURBANCE
±4.6 AC.

SEDIMENT TRAP #2
D.A. ±1.75 AC.
BOTTOM AREA: 36'x61'
OUTLET WEIR L=11'

SEDIMENT TRAP #1
D.A. ±2.4 AC.
BOTTOM AREA: 37'x52'
OUTLET WEIR L=15'

WILLIAMSON ROAD
ROUTE 11
R/W VARIES
SPEED LIMIT 35 MPH