

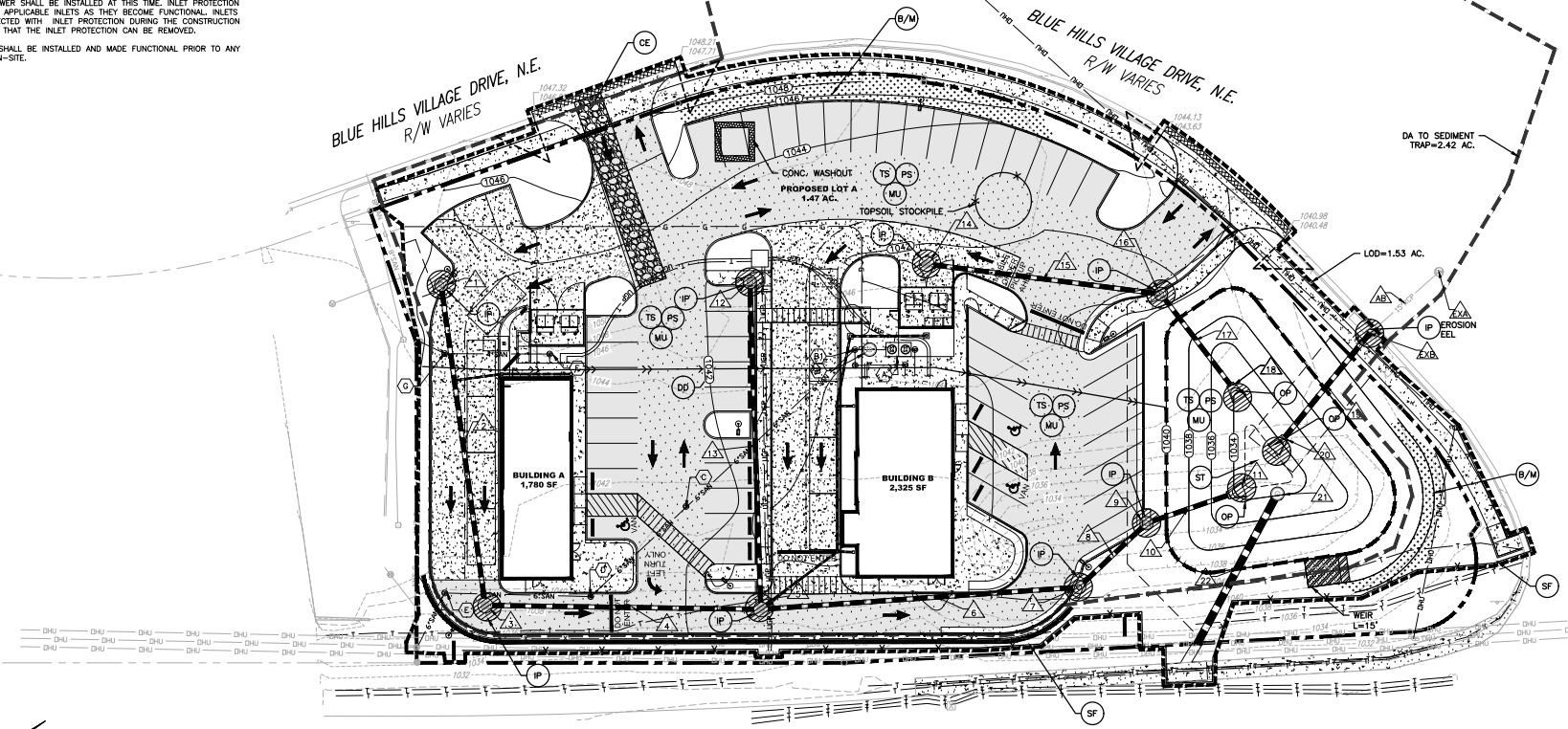
E.S.C. CONSTRUCTION SEQUENCE:

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. EXISTING PAVEMENT AND ASSOCIATED STONE BASE SHALL BE UTILIZED TO THE MAXIMUM EXTENT PRACTICAL DURING DEMO OPERATIONS.
3. SILT FENCE TO BE INSTALLED AS SHOWN PRIOR TO ANY LAND DISTURBANCE. THE SILT FENCE SHALL BE MAINTAINED THROUGHOUT THE DURATION OF THE PROJECT. SILT FENCE 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 OFF.
4. THE PROPOSED SEDIMENT TRAP SHALL BE INSTALLED AT THIS TIME.
5. DIVERSION DIKES SHALL BE INSTALLED AS SHOWN TO DIVERT SEDIMENT LADEN WATER TO THE PROPOSED SEDIMENT TRAP.
6. DEMOLITION OPERATIONS SHALL OCCUR AT THIS TIME FOR THE EXISTING IMPROVEMENTS THAT ARE TO BE REMOVED. TEMPORARY SEEDING, PERMANENT SEEDING AND MULCHING SHALL BE INSTALLED AS NECESSARY AT THIS TIME.
7. MAJOR GRADING OPERATIONS SHALL COMMENCE ONCE THE INITIAL ESC MEASURES HAVE BEEN INSTALLED. THIS INCLUDES THE GRADING OF THE PARKING LOT, BUILDING PADS, AND ALL OTHER ASSOCIATED GRADING OPERATIONS ON-SITE. TOPSOIL IS TO BE STOCKPILED AS SHOWN. BLANKET MATTING SHALL BE INSTALLED FOR ALL AREAS WITH SLOPES 3:1 OR GREATER.
8. THE PROPOSED STORM SEWER SHALL BE INSTALLED AT THIS TIME. INLET PROTECTION SHALL BE APPLIED TO THE APPLICABLE INLETS AS THEY BECOME FUNCTIONAL. INLETS SHALL BE SEDIMENT PROTECTED WITH INLET PROTECTION DURING THE CONSTRUCTION PROJECT UNTIL SUCH TIME THAT THE INLET PROTECTION CAN BE REMOVED.
9. THE CONCRETE WASHOUT SHALL BE INSTALLED AND MADE FUNCTIONAL PRIOR TO ANY CONCRETE INSTALLATION ON-SITE.

10. BUILDING CONSTRUCTION MAY BEGIN AT THIS TIME.
11. ALL UTILITIES FOR THE SITE SHALL BE INSTALLED AT THIS TIME AND AREAS TEMPORARILY OR PERMANENTLY SEEDED AFTER COMPLETION OF INSTALLATION. BLANKET MATTING SHALL BE PROVIDED FOR ALL AREAS WITH SLOPES 3:1 OR GREATER.
12. DIVERSION DIKES SHALL BE REMOVED AS THE CURBING IS CONSTRUCTED AND RUNOFF IS CONVEYED TO THE SEDIMENT PROTECTED STORM SEWER SYSTEM. ROANOKE CITY APPROVAL IS REQUIRED PRIOR TO THE REMOVAL OF ANY ESC MEASURES.
13. ONCE THE MAJORITY OF UPSTREAM AREAS ARE STABILIZED, THE SEDIMENT TRAP SHALL BE CONVERTED TO PERMANENT STORMWATER MANAGEMENT FACILITY WHICH WILL ENTAIL THE REMOVAL OF THE DEWATERING DEVICES ALONG WITH OTHER MODIFICATIONS TO THE ROSE AND FOND. SITE INSPECTOR APPROVAL IS NECESSARY BEFORE CONVERSION TAKES PLACE.
14. ONCE THE SITE HAS BEEN STABILIZED AND PAVED, ESC MEASURES MAY BE REMOVED WITH APPROVAL FROM OWNER, ENGINEER AND APPROPRIATE REVIEW AGENCIES.
15. G.C. SHALL ENSURE THAT THE LIMITS OF DISTURBANCE ARE STRICTLY ADHERED TO DURING THE PROJECT.
16. NO DEVIATIONS TO THE PLANS SHALL TAKE PLACE UNLESS PRIOR APPROVAL FROM THE OWNER, PROJECT ENGINEER, AND THE APPROPRIATE REVIEW AGENCIES.
17. G.C. SHALL ENSURE THAT THE LIMITS OF DISTURBANCE ARE STRICTLY ADHERED TO DURING THE PROJECT.

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
3.13	TEMPORARY SEDIMENT TRAP	ST
3.18	OUTLET PROTECTION	OP
3.31	TEMPORARY SEEDING	TS
3.32	PERMANENT SEEDING	PS
3.35	MULCHING	MU
3.36	SOIL STABILIZATION BLANKETS & MATTING	B/M



ORANGE AVENUE, N.E. - CHALLENGER AVENUE, N.E. - U.S. RTE. 460 - R/W VARIES
(PORTION OWNED & MAINTAINED BY VDOT)

* WORK IN THE PUBLIC RIGHT OF WAY AREA SHALL BE PERFORMED PER THE CITY OF ROANOKE RIGHT OF WAY EXCAVATION & RESTORATION STANDARDS REVISED JULY 1, 2020. G.C. SHALL OBTAIN A R.O.W. EXCAVATION PERMIT PRIOR TO ANY WORK WITHIN THE PUBLIC RIGHT OF WAY