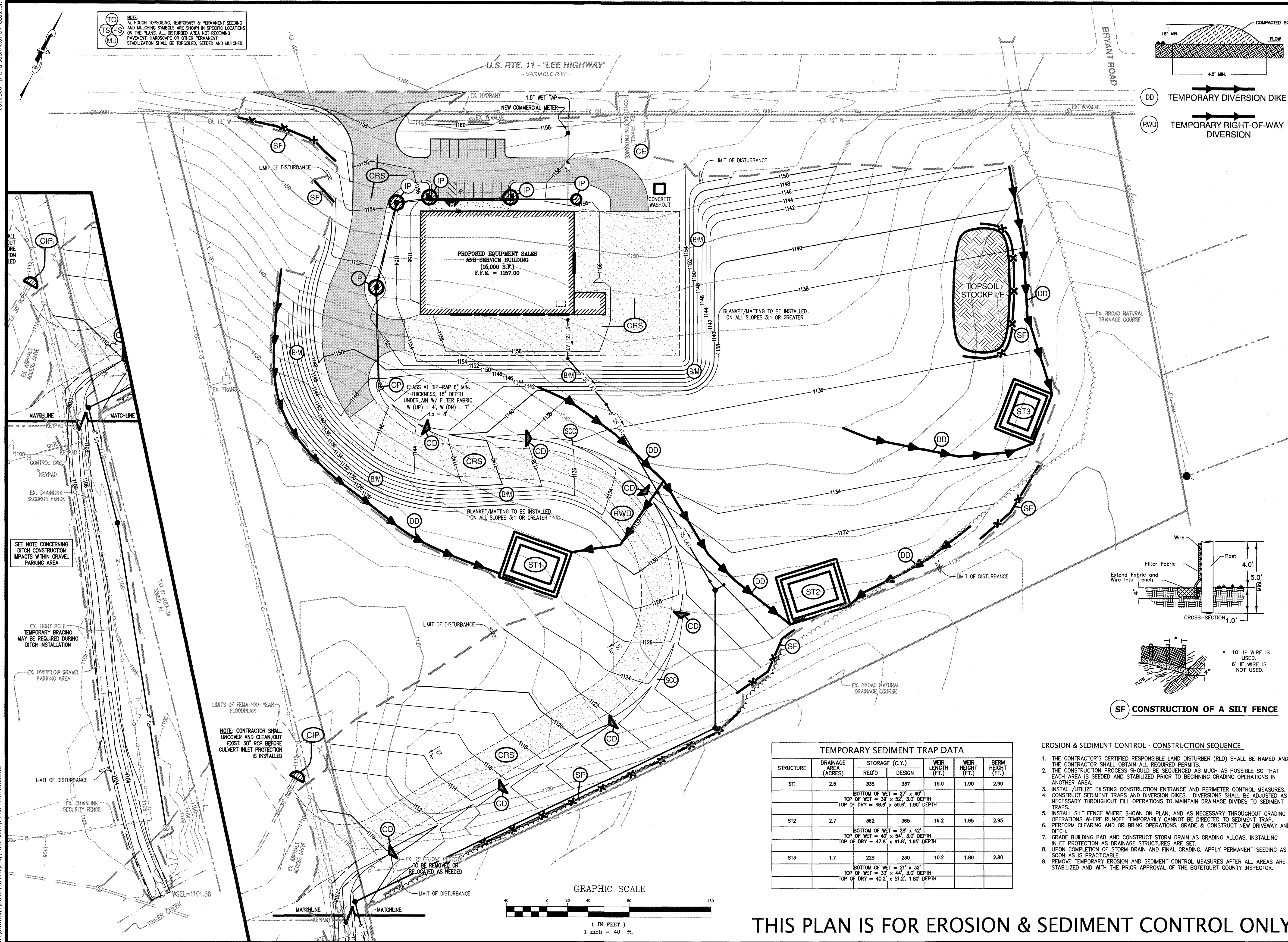
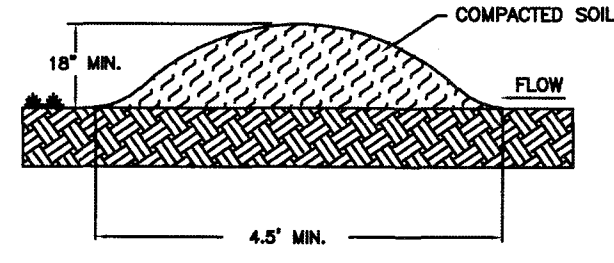


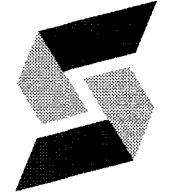


NOTE: ALTHOUGH TOPSOILING, TEMPORARY & PERMANENT SEEDING AND MULCHING SYMBOLS ARE SHOWN IN SPECIFIC LOCATIONS ON THE PLANS, ALL DISTURBED AREA NOT RECEIVING PAVEMENT, HARDCAPE OR OTHER PERMANENT STABILIZATION SHALL BE TOPSOILED, SEEDING AND MULCHED

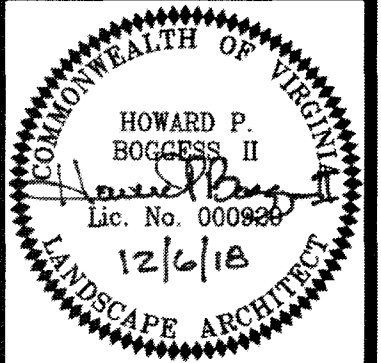


DD TEMPORARY DIVERSION DIKE
RWD TEMPORARY RIGHT-OF-WAY DIVERSION

Lumsden Associates, P.C.
ENGINEERS | SURVEYORS | PLANNERS

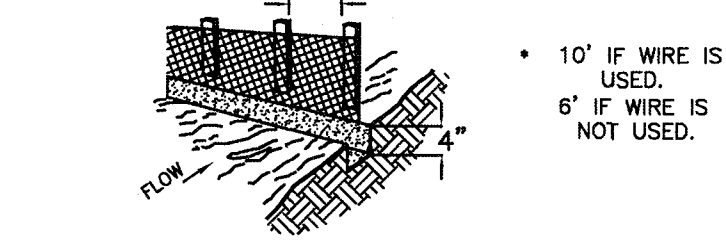
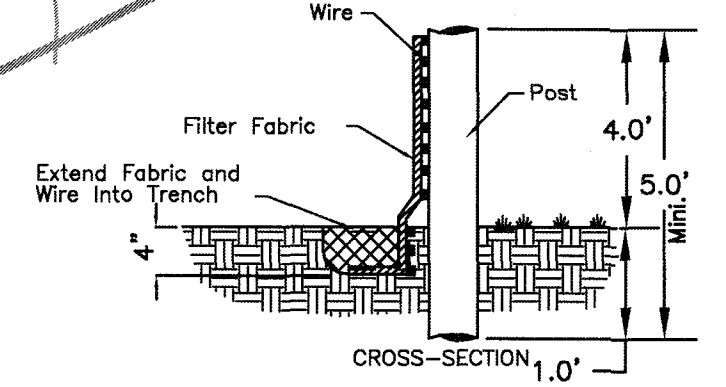


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EROSION & SEDIMENT CONTROL PLAN

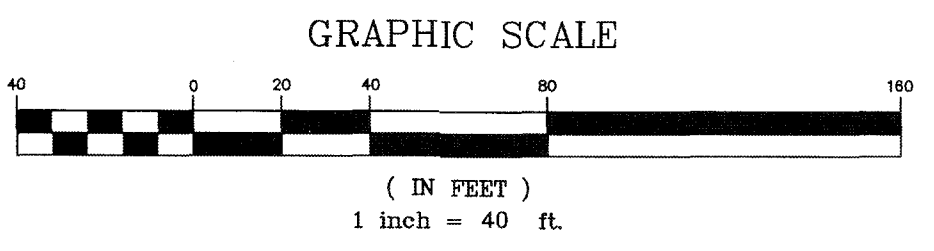
SITE DEVELOPMENT PLAN FOR
LAWRENCE TRANSPORTATION
PREPARED FOR
LARE INC
VALLEY MAGISTERIAL DISTRICT
BOTETOURT COUNTY, VIRGINIA



SF CONSTRUCTION OF A SILT FENCE

STRUCTURE	DRAINAGE AREA (ACRES)	STORAGE (C.Y.)		WEIR LENGTH (FT.)	WEIR HEIGHT (FT.)	BERM HEIGHT (FT.)
		REQ'D	DESIGN			
ST1	2.5	335	337	15.0	1.90	2.90
BOTTOM OF WET = 27' x 40' TOP OF WET = 30' x 52', 3.0' DEPTH TOP OF DRY = 46.8' x 59.6', 1.95' DEPTH						
ST2	2.7	362	365	16.2	1.95	2.95
BOTTOM OF WET = 28' x 42' TOP OF WET = 40' x 54', 3.0' DEPTH TOP OF DRY = 47.8' x 61.8', 1.95' DEPTH						
ST3	1.7	228	230	10.2	1.80	2.80
BOTTOM OF WET = 21' x 32' TOP OF WET = 33' x 44', 3.0' DEPTH TOP OF DRY = 40.2' x 51.2', 1.80' DEPTH						

- EROSION & SEDIMENT CONTROL - CONSTRUCTION SEQUENCE
1. THE CONTRACTOR'S CERTIFIED RESPONSIBLE LAND DISTURBER (RLD) SHALL BE NAMED AND THE CONTRACTOR SHALL OBTAIN ALL REQUIRED PERMITS.
 2. THE CONSTRUCTION PROCESS SHOULD BE SEQUENCED AS MUCH AS POSSIBLE SO THAT EACH AREA IS SEEDING AND STABILIZED PRIOR TO BEGINNING GRADING OPERATIONS IN ANOTHER AREA.
 3. INSTALL/UTILIZE EXISTING CONSTRUCTION ENTRANCE AND PERIMETER CONTROL MEASURES. CONSTRUCT SEDIMENT TRAPS AND DIVERSION DIKES. DIVERSIONS SHALL BE ADJUSTED AS NECESSARY THROUGHOUT FILL OPERATIONS TO MAINTAIN DRAINAGE DIVIDES TO SEDIMENT TRAPS.
 4. INSTALL SILT FENCE WHERE SHOWN ON PLAN, AND AS NECESSARY THROUGHOUT GRADING OPERATIONS WHERE RUNOFF TEMPORARILY CANNOT BE DIRECTED TO SEDIMENT TRAP.
 5. PERFORM CLEARING AND GRUBBING OPERATIONS, GRADE & CONSTRUCT NEW DRIVEWAY AND DITCH.
 6. GRADE BUILDING PAD AND CONSTRUCT STORM DRAIN AS GRADING ALLOWS, INSTALLING INLET PROTECTION AS DRAINAGE STRUCTURES ARE SET.
 7. UPON COMPLETION OF STORM DRAIN AND FINAL GRADING, APPLY PERMANENT SEEDING AS SOON AS IS PRACTICABLE.
 8. REMOVE TEMPORARY EROSION AND SEDIMENT CONTROL MEASURES AFTER ALL AREAS ARE STABILIZED AND WITH THE PRIOR APPROVAL OF THE BOTETOURT COUNTY INSPECTOR.



THIS PLAN IS FOR EROSION & SEDIMENT CONTROL ONLY

NO.	DATE	REVISIONS	
		DESCRIPTION	
1			
2			
3			
4			
5			

DATE: December 6, 2018
SCALE: 1" = 40'
COMMISSION NO: 18-125
SHEET 7 OF 10