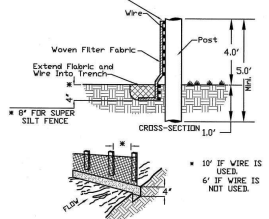


PHASE II CONSTRUCTION SEQUENCE

1. INSTALL WIRE BACKED SILT FENCE AS SHOWN ON THIS PLAN.
2. INSTALL NEW 18" STORM DRAIN SYSTEM WITH 70" AS SHOWN ON THIS PLAN.
3. REMOVE EXISTING 18" STORM DRAIN AS SHOWN ON THIS PLAN.
4. INSTALL CD-8 CURB AND GUTTER AS SHOWN ON THIS PLAN.
5. INSTALL REMAINING PAVEMENT STONE BASE.
6. ONCE THE CONTRIBUTING AREA TO THE EXISTING SEDIMENT BASIN IS STABILIZED AND WITH THE APPROVAL OF ROANOKE COUNTY, DEMOLISH THE EXISTING SEDIMENT BASIN, REMOVE THE OUTLET STRUCTURE AND DISPOSE OF ANY AGGREGATED SILT. CONTRACTOR SHALL TAKE SPECIAL CARE TO INSURE THE DOWNSTREAM CHANNEL IS NOT ADVERSELY AFFECTED.
7. COMMENCE GRADING ON THE WEST SIDE OF THE PROPOSED ROAD, DOWNSLOPE AREAS SHALL BE STABILIZED IN ACCORDANCE WITH MIN. STD. 3.31 "TS", 3.32 "PS", & 3.33 "MU". ALL SLOPES GREATER THAN 3:1 SHALL BE STABILIZED PER MIN. STD. 3.36 "MU".
8. ONCE ALL AREAS ARE STABILIZED AND WITH THE APPROVAL OF ROANOKE COUNTY, REMOVE ALL TEMPORARY ESC MEASURES AND APPLY FINAL ASPHALT PAVEMENT.

*THIS SEQUENCE IS PROVIDED AS A GENERAL OUTLINE AND NOT TO DETAIL EVERY TASK THAT MUST BE PERFORMED FOR THE CONSTRUCTION OF THE PROJECT. CONTRACTOR MAY ELECT TO ALTER THE SEQUENCE OF CONSTRUCTION. HOWEVER, THE CONTRACTOR MUST FOLLOW THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, AND ROANOKE COUNTY REGULATIONS. THIS SEQUENCE IS NOT INTENDED TO BE A STRICTLY STEP BY STEP PROGRESSION OF WORK ITEMS. SOME OF THE ABOVE ITEMS CAN BE ACCOMPLISHED CONCURRENTLY.

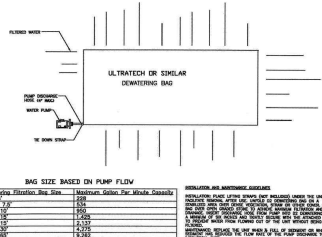
WHERE WIRE BACKED SILT FENCE IS SPECIFIED A GALVANIZED CHAIN LINK FENCE WITH WOVEN FILTER FABRIC SHALL BE INSTALLED.



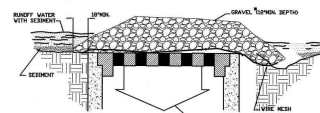
SF CONSTRUCTION OF A SILT FENCE

PLAN REVISION I ESC PHASE I CONSTRUCTION SEQUENCE
(FOR CONDITIONS AS OF AUGUST, 2019)

1. INSTALL SEDIMENT TRAP PP-1. CONNECT WEIR OF TRAP TO EXIST. SLOPE DRAIN SO FILTERED TRAP RUNOFF FLOWS INTO SLOPE DRAIN. ADJUST EXIST. DIVERSION DIKE AS NEEDED TO DIRECT UP-SLOPE RUNOFF INTO SEDIMENT TRAP.



DS TEMPORARY DEWATERING STRUCTURE



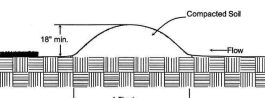
SPECIFIC APPLICATION

This method of inlet protection is applicable where heavy concentrated flows are expected, but not where ponding around the structure might cause excessive inconvenience or damage to adjacent structures and unprotected areas.

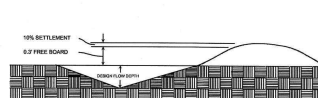
* Gravel shall be VDOT #3, #57 or #5 coarse aggregate.

IP GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER

DD TEMPORARY DIVERSION DIKE



DV TEMPORARY DIVERSION



ESC PHASE I AND II

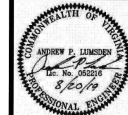
NO.	TITLE	KEY	SYMBOL
3.02	CONSTRUCTION ENTRANCE	CE	
3.03	CONSTRUCTION ROAD STABILIZATION	CRS	
3.05	SILT FENCE	SF	
3.07	INLET PROTECTION	IP	
3.09	TEMPORARY DIVERSION DIKE	DD	
3.12	TEMPORARY DIVERSION	DV	
3.13	TEMPORARY SEDIMENT TRAP	ST	
3.15	TEMPORARY SLOPE DRAIN	SD	
3.14	TEMPORARY SEDIMENT BASIN	SB	
3.20	ROCK CHECK DAM	CD	
3.26	DEWATERING STRUCTURE	DS	
3.31	TEMPORARY SEEDING	TS	
3.32	PERMANENT SEEDING	PS	
3.35	MULCHING	MU	
3.36	SOIL STABILIZATION MATTING	BM	

APPROVED

RIDGE AT FAIRWAY FOREST
SECTION 3PREPARED FOR
ALEXANDER REAL ESTATE GROUP, LTD.
WINDSOR HILLS MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

NO.	DATE	DESCRIPTION
1	11/01/2017	ISSUED FOR PERMITTING
2		
3		
4		
5		
6		

DATE: November 1, 2017
SCALE: 1" = 50'
COMMISSION NO.: 15-049
SHEET 6 OF 8

PHASE II
EROSION & SEDIMENT
CONTROL PLAN

LUNSDEN ASSOCIATES, P.C.
ENGINEERS-SURVEYORS-PLANNERS
ROANOKE, VIRGINIA
460 BRAMBLETON AVENUE
ROANOKE, VIRGINIA 24018
PHONE: (800) 774-4411
EMAIL: MAIL@LUNSDENPC.COM