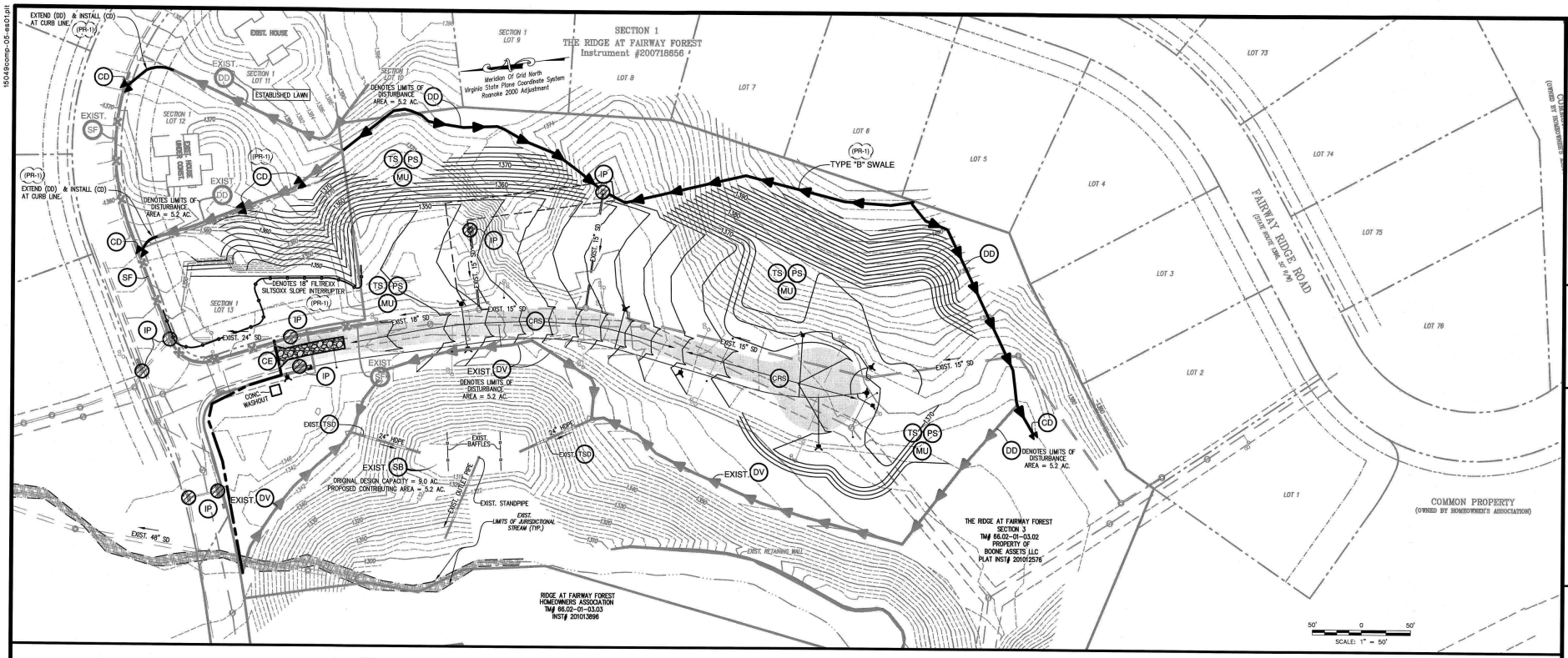


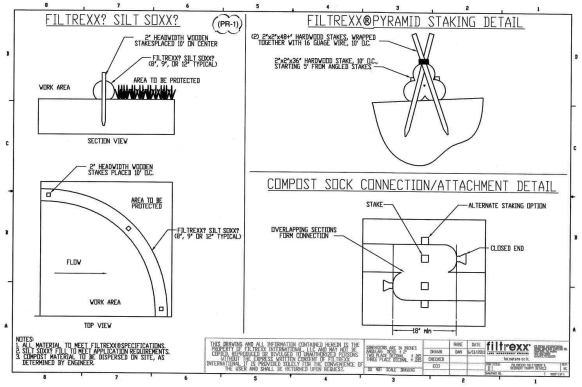
PHASE I CONSTRUCTION SEQUENCE

1. CONTRACTOR'S CERTIFIED RESPONSIBLE LAND DISTURBER SHALL BE NAMED AND A COPY OF HIS RLD CERTIFICATE PROVIDED TO ROANOKE COUNTY PRIOR TO THE PRE-CONSTRUCTION MEETING. RLD SHALL ALSO ATTEND PRE-CON MEETING.
2. IF REQUIRED, CONTRACTOR SHALL APPLY FOR VSMP GENERAL CONSTRUCTION PERMIT PRIOR TO LAND DISTURBANCE AND PROVIDE ROANOKE COUNTY A COPY OF SAID PERMIT WITHIN FIVE (5) DAYS OF ISSUANCE.
3. INSTALL CONSTRUCTION ENTRANCE AS THE FIRST STEP IN THE CONSTRUCTION PROCESS.
4. INSTALL PERIMETER DIVERSION DIKES AS SHOWN ON THIS PLAN.
5. INSTALL INLET PROTECTION AS SHOWN ON THIS PLAN.
6. COMMENCE GRADING OPERATIONS. ADJUST DIVERSION DIKES AS GRADING ALLOWS TO DIVERT AS MUCH RUNOFF FROM CONSTRUCTION AREA INTO THE EXISTING SEDIMENT BASIN. DENUDED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH MIN. STD. 3.31 "TS", 3.32 "PS", & 3.35 "MU". ALL SLOPES GREATER THAN 3:1 SHALL BE STABILIZED PER MIN. STD. 3.36 "BM."
7. ONCE THE PROPOSED ROAD IS AT SUBGRADE, INSTALL SS LATERALS, WATER LINES AND PAVEMENT STONE BASE TO ACT AS "CRS"
8. SEE PHASE II EROSION AND SEDIMENT CONTROL PLAN FOR ADDITIONAL DETAILS.

**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.*

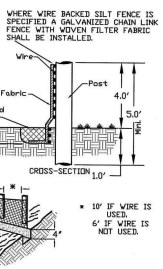
(PR-1) *PLAN REVISION I ESC PHASE I CONSTRUCTION SEQUENCE*
(FOR CONDITIONS AS OF AUGUST, 2019)

1. EXTEND EXIST. (DD) BETWEEN SECTION 1 LOTS 11 & 12 AND INSTALL (CD) AT CURB LINE.
2. INSTALL (CD) ON EXIST. (DD) BETWEEN SECTION 1 LOTS 12 & 13 AS SHOWN ON THIS PLAN.
3. GRADE SLOPE ON SECTION 1 LOT 13 AS SHOWN ON THIS PLAN. DENUDED AREAS SHALL BE STABILIZED IN ACCORDANCE WITH MIN. STD. 3.31 "TS", 3.32 "PS", & 3.35 "MU". ALL SLOPES GREATER THAN 3:1 SHALL BE STABILIZED PER MIN. STD. 3.36 "BM".
4. INSTALL 18" FILTREXX SILTSOXX SLOPE INTERRUPTER ON SECTION 1 LOT 13 AS SHOWN ON THIS PLAN.

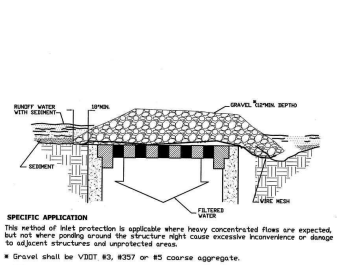


ESC PHASE I

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	
3.14	TEMPORARY SEDIMENT BASIN	SB	
3.20	ROCK CHECK DAM	CD	
3.31	TEMPORARY SEEDING	TS	
3.32	PERMANENT SEEDING	PS	
3.35	MULCHING	MU	
3.36	SOIL STABILIZATION MATTING	BM	



SF CONSTRUCTION OF A SILT FENCE

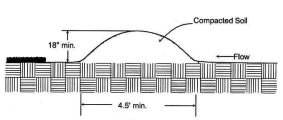


SPECIFIC APPLICATION
This method of inlet protection is applicable where heavy concentrated flows are expected, but not where ponding around the structure might cause excessive inconvenience or damage to adjacent structures and unprotected areas.

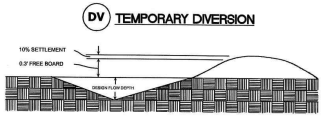
* Gravel shall be VDOT #3, #357 or #5 coarse aggregate.

IP GRAVEL AND WIRE MESH DROP INLET SEDIMENT FILTER

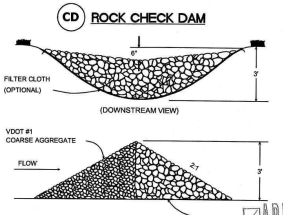
DD TEMPORARY DIVERSION DIKE



DV TEMPORARY DIVERSION



CD ROCK CHECK DAM



APPROVED

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COMMONWEALTH OF VIRGINIA
ANDREW P. LUMSDEN
Lic. No. 052216
8/20/19
PROFESSIONAL ENGINEER

PHASE I EROSION & SEDIMENT CONTROL PLAN

RIDGE AT FAIRWAY FOREST SECTION 3

PREPARED FOR
ALEXANDER REAL ESTATE GROUP, LTD.
WINDSOR HILLS MAGISTERIAL DISTRICT
ROANOKE COUNTY, VIRGINIA

NO.	DATE	REVISIONS DESCRIPTION
1	8/20/2019	ADDED LOTS 13A & 13B, "TYPE "A" & "B" SWALE & UPDATE ESC PLAN
2		
3		
4		
5		

DATE: November 1, 2017
SCALE: 1" = 50'
COMMISSION NO: 15-049
SHEET 5 OF 8

15049comp-05-esc01.plt
w:\Drawings\2019\15049\eng\15049comp.dwg