

ES-1: UNLESS OTHERWISE INDICATED, ALL VEGETATIVE AND STRUCTURAL EROSION AND SEDIMENT CONTROL PRACTICES WILL BE CONSTRUCTED AND MAINTAINED ACCORDING TO MINIMUM STANDARDS AND SPECIFICATIONS OF THE <u>VIRGINIA EROSION AND SEDIMENT CONTROL</u> HANDBOOK AND VIRGINIA REGULATIONS VR 625-02-00 EROSION AND SEDIMENT CONTROL REGULATIONS.

ES-2: THE PLAN APPROVING AUTHORITY MUST BE NOTIFIED ONE WEEK PRIOR TO THE ONSITE PRECONSTRUCTION CONFERENCE, ONE WEEK PRIOR TO THE COMMENCEMENT OF LAND DISTURBING ACTIVITY, AND ONE WEEK PRIOR TO THE FINAL INSPECTION.

ES-3: ALL EROSION AND SEDIMENT CONTROL MEASURES ARE TO BE PLACED PRIOR TO OR AS THE FIRST STEP IN

ES-4: A COPY OF THE APPROVED EROSION AND SEDIMENT CONTROL PLAN & NARRATIVE, AS WELL AS A COPY OF THE LAND DISTURBING PERMIT, SHALL BE MAINTAINED ON THE SITE AT ALL TIMES. THE EROSION AND SEDIMENT CONTROL ADMINISTRATOR WILL DELIVER THESE MATERIALS AT THE ONSITE PRECONSTRUCTION CONFERENCE.

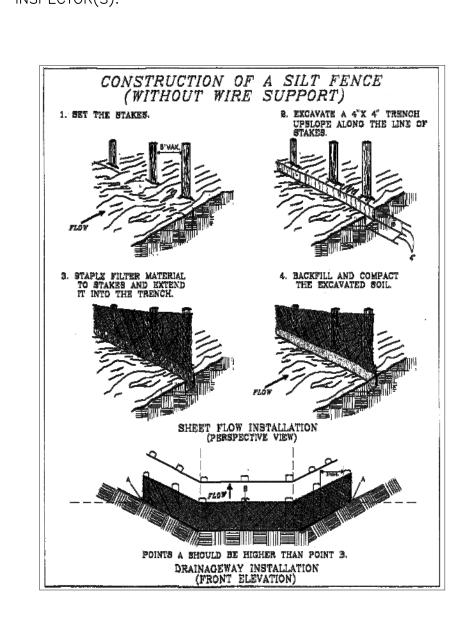
ES-5: PRIOR TO COMMENCING LAND DISTURBING ACTIVITIES IN AREAS OTHER THAN INDICATED ON THESE PLANS (INCLUDING, BUT NOT LIMITED TO, OFF-SITE BORROW OR WASTE AREAS), THE CONTRACTOR SHALL SUBMIT A SUPPLEMENTARY EROSION CONTROL PLAN TO THE OWNER FOR REVIEW AND APPROVAL BY THE PLAN APPROVING AUTHORITY.

ES-6: THE CONTRACTOR IS RESPONSIBLE FOR INSTALLATION OF ANY ADDITIONAL EROSION CONTROL MEASURES NECESSARY TO PREVENT EROSION AND SEDIMENTATION AS DETERMINED BY THE PLAN APPROVING

ES-7: ALL DISTURBED AREAS ARE TO DRAIN TO APPROVED SEDIMENT CONTROL MEASURES AT ALL TIMES DURING THE LAND DISTURBING ACTIVITIES AND DURING SITE DEVELOPMENT UNTIL FINAL STABILIZATION IS ACHIEVED.

ES-8: DURING DEWATERING OPERATIONS, WATER WILL BE PUMPED INTO AN APPROVED FILTERING DEVICE.

ES-9: THE CONTRACTOR SHALL INSPECT ALL EROSION CONTROL MEASURES PERIODICALLY AND AFTER EACH RUNOFF-PRODUCING RAINFALL EVENT. ANY NECESSARY REPAIRS OR CLEANUP TO MAINTAIN THE EFFECTIVENESS OF THE EROSION CONTROL DEVICES SHALL BE MADE IMMEDIATELY. AN INSPECTION REPORT MUST BE FILED WITH THE BOTETOURT COUNTY EROSION AND SEDIMENT CONTROL ADMINISTRATOR ONCE EVERY TWO WEEKS, BEGINNING WITH COMMENCEMENT OF THE LAND DISTURBING ACTIVITY, AND WITHIN 48 HOURS OF ANY RUNOFF-PRODUCING RAINFALL EVENT. FAILURE TO SUBMIT A REPORT WILL BE GROUNDS FOR IMMEDIATE REVOCATION OF THE LAND DISTURBING PERMIT. REPORTS MUST BE POSTMARKED WITHIN 24 HOURS OF THE DEADLINE. A STANDARD INSPECTION REPORT FORM WILL BE SUPPLIED, WHICH SHOULD BE COPIED AS NECESSARY. THE PROVISION IN NO WAY WAIVES THE RIGHTS OF BOTETOURT COUNTY PERSONNEL TO CONDUCT SITE INSPECTIONS, NOR DOES IT DENY THE RIGHT OF THE PERMITTEE(S) TO ACCOMPANY THE INSPECTOR(S).



PERMANENT SEEDING MIXTURE

15 OCTOBER TO 1 FEBRUARY K-31 FESCUE @ 5 LB / 1000 SF BORZY WINTER RYE @ 1/2 LB / 1000 SF PERENNIAL RYEGRASS @ 1/2 LB / 1000 SF

1 FEBRUARY TO 1 JUNE K-31 FESCUE @ 5 LB / 1000 SF ANNUAL RYE @ 1/2 LB / 1000 SF

1 JUNE TO 1 SEPTEMBER K-31 FESCUE @ 5 LB / 1000 SF GERMAN MILLET @ 1/2 LB / 1000 SF

140 LB / 1000 SF PULVERIZED AGRICULTURAL LIMESTONE

FERTILIZER: 5-20-10 @ 25 LB / 1000 SF 38-0-0 @ 7 LB / 1000 SF

IF REQUIRED, SHALL BE USED OVER ALL SEEDED AREAS AND SHALL BE APPLIED IN ACCORDANCE WITH SECTION 1.75 OF THE VIRGINIA EROSION AND SEDIMENT CONTROL HANDBOOK, LATEST EDITION.

SOIL CONDITIONING:

INCORPORATION OF LIME AND FERTILIZER, SELECTION OF CERTIFIED SEED, MULCHING, MAINTENANCE OF NEW SEEDLINGS, AND RESEEDING SHALL BE IN ACCORDANCE WITH SPECIFICATIONS CONTAINED WITHIN

TYPE B (SLOPES 3:1 OR STEEPER)

CROWN VETCH @ 1/2 LB / 1000 SF

CROWN VETCH @ 1/2 LB / 1000 SF

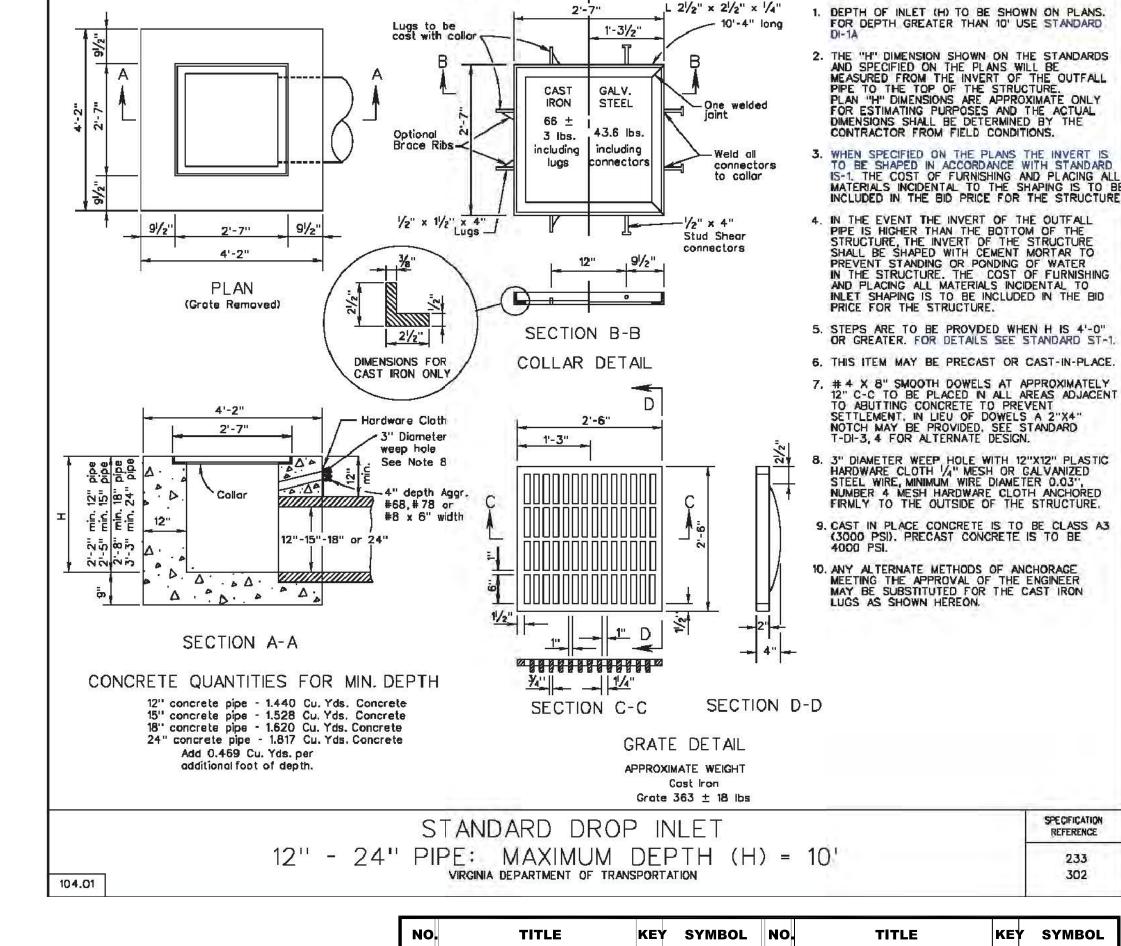
PERENNIAL RYEGRASS @ 1/2 LB / 1000 SF

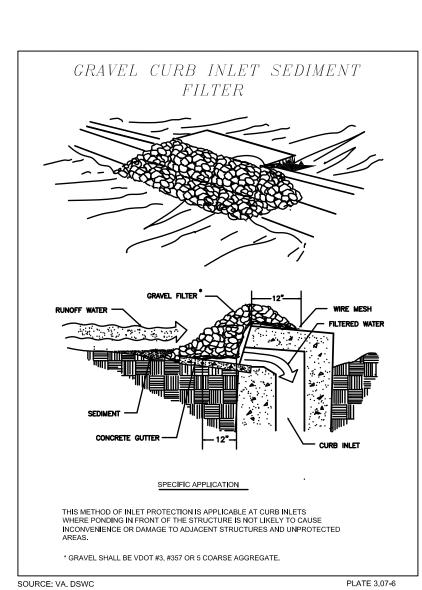
RED TOP @ 1/8 LB / 1000 SF

RED TOP @ 1/8 LB / 1000 SF

15 AUGUST TO 1 OCTOBER

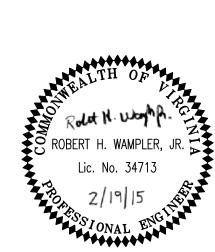
15 MARCH TO 1 MAY





DI-1

NO.	TITLE	KEY	SYMBOL	NO.	TITLE	KEY	SYMBOL
3.01	SAFETY FENCE	SAF	(SAF)	3.20	ROCK CHECK DAMS	(0)	-)-)-
3.02	TEMPORARY GRAVEL CONSTRUCTION ENTRANCE	CE		3.21	LEVEL SPREADER	LS	
3.03	CONSTRUCTION ROAD STABILIZATION	(CRS)	(CRS)	3.22	VEGETATIVE STREAMBANK STABILIZATION	vss	(vss)
3.04	STRAW BALE BARRIER	STB		3.23	STRUCTURAL STREAMBANK STABILIZATION	(SSS)	(555)
3.05	SILT FENCE	SF	- * * * * *	3.24	TEMPORARY VEHICULAR STREAM CROSSING	vsc	美
3.06	BRUSH BARRIER	BB	(2000000)	3.25	UTILITY STREAM CROSSING	USO	
3.07	STORM DRAIN INLET PROTECTION	IP		3.26	DEWATERING STRUCTURE	OS	
3.08	CULVERT INLET PROTECTION	CIP		3.27	TURBIDITY CURTAIN	TC	
3.09	TEMPORARY DIVERSION DIKE	DD	(10)	3.28	SUBSURFACE DRAIN	SD	
3.10	TEMPORARY FILL DIVERSION	FD	FD	3.29	SURFACE ROUGHENING	SR	SR)
3.11	TEMPORARY RIGHT-OF-WAY DIVERSION	RWD	RWD	3.30	TOPSOILING	10	
3.12	DIVERSION	DV	(bv)	3.31	TEMPORARY SEEDING	TS	TS
3.13	TEMPORARY SEDIMENT TRAP	ST		3.32	PERMANENT SEEDING	PS	PS
3.14	TEMPORARY SEDIMENT BASIN	SB		3.33	SODDING	SO	\$0
3.15	TEMPORARY SLOPE DRAIN	TSD	(TSD)	3.34	BERMUDA GRASS AND ZOYSIAGRASS ESTABLISHMENT	B	B OR
3.16	PAVED FLUME	PF	(PF)	3.35	MULCHING	MU	
3.17	STORMWATER CONVEYANCE CHANNEL	SCO		3.36	SOIL STABILIZATION BLANKETS AND MATTING	BW	TREAT. 1 TREAT. 2
3.18	OUTLET PROTECTION	OP)		3.37	TREES, SHRUBS, VINES AND GROUND COVERS	VEG	VEG
3.19	RIPRAP	RR		3.38	TREE PRESERVATION AND PROTECTION	(P)	TP -
				3.39	DUST CONTROL	(DC)	



DESCRIPTION	UNIT	QUANTITY	UNIT COST	TOTAL COST	
SILT FENCE	LF	280	\$ 6	\$ 1,680	
INLET PROTECTION	EA	1	625	625	
TS - PS - MU	LS	1	300	300	
SUB-TOTAL				\$ 2,605	
10% CONTINGENCY	\$ 261				
TOTAL PROJECT COST	\$ 2,866				

DISTURBED AREAS:	
Town BLVD. SIDEWALK	3,290 SF (0.08 AC.)
TOWN CENTER ST. EXTENSION	8,212 SF (0.19 AC.)
TOTAL DISTURBED AREA:	11,502 SF (0.27)

Drawn MSMi	ESC & SITE DETAILS	SCALE: NONE	
Designed RHW	TOWN CENTER ST. & TOWN BLVD.	DATE: Feb. 19, 2015	
Checked		PROJECT: 13140	
RHW Approved RHW	DALEVILLE TOWN CENTER BOTETOURT COUNTY — VIRGINIA	C-5	

