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MAINTENANCE

- INSTALLATION OF SAFETY FENCE.
- ACCESSIBLE.
- NOTED IN TABLE 3.04.1.
- INSTALLED ACROSS THE SLOPE OF A DAM OR DIKE.
- CONSTRUCTION SPECIFICATIONS
- PARTICULAR NEED.
- OF A CONSTRUCTION SITE. CONDITIONS WHERE PRACTICE APPLIES
- INTRODUCTION

THE STEPS.

- PHYSICAL PROPERTY RECOMMENDED COLO ELONGATION AT BREAK(%) CHEMICAL RESISTAN
- TABLE 3.04.1 PH TENSILE YIELD ULTIMATE TENSILE STRENGTH

1. PROTECTIVE FENCING SHOULD BE INSTALLED TO PREVENT ACCESS TO POTENTIALLY HAZARDOUS AREAS

1. APPLICABLE TO ANY CONTROL MEASURE OR SERIES OF MEASURES, WHICH CAN BE CONSIDERED UNSAFE BY VIRTUE OF POTENTIAL FOR ACCESS BY THE PUBLIC. THE DESIGNER, DEVELOPER, AND CONTRACTOR SHOULD ALWAYS BE SURE THAT THE MOST APPROPRIATE TYPE OF FENCE IS UTILIZED FOR A

1. SAFETY FENCES SHOULD BE LOCATED SO AS TO CREATE A FORMIDABLE BARRIER TO UNDESIRED ACCESS, WHILE ALLOWING FOR THE CONTINUATION OF NECESSARY CONSTRUCTION OPERATIONS. 2. SAFETY FENCES ARE MOST APPLICABLE TO THE CONSTRUCTION OF TRAPS AND DAMS. IN USE WITH THOSE STRUCTURES, SAFETY FENCES SHOULD BE LOCATED FAR ENOUGH BEYOND THE OUTER TOE OF THE EMBANKMENT TO ALLOW FOR THE PASSAGE OF MAINTENANCE VEHICLES. FENCES SHOULD NOT BE

3. SIGNS NOTING POTENTIAL HAZARDS SUCH AS 'DANGER" OR 'HAZARDOUS AREA - KEEP OUT" SHOULD BE POSTED AND EASILY SEEN BY ANYONE APPROACHING THE PROTECTED AREA.

4. PLASTIC (POLYETHYLENE) FENCE MAY BE USED AS SAFETY FENCING, PRIMARILY IN SITUATIONS WHERE THE NEED IS FOR A TEMPORARY BARRIER. THE FENCE SHOULD MEET THE PHYSICAL REQUIREMENTS

5. SAFETY FENCES SHOULD BE INSTALLED PRIOR TO THE SEDIMENT CONTROL MEASURE BECOMING

6. APPLICABLE WARNING SIGNS NOTING HAZARDOUS CONDITIONS MUST BE INSTALLED IMMEDIATELY UPON

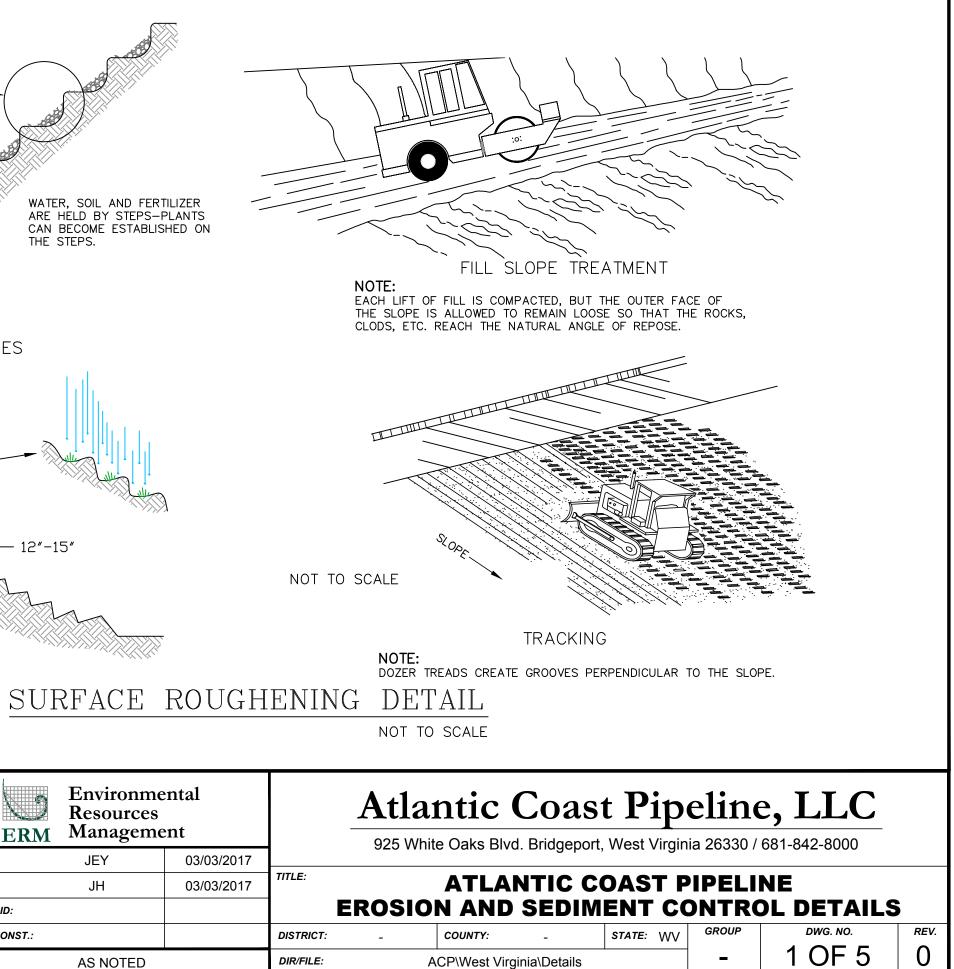
7. CHAIN LINK FENCE SHOULD BE USED FOR PERMANENT STRUCTURES (GREATER THAN ONE YEAR).

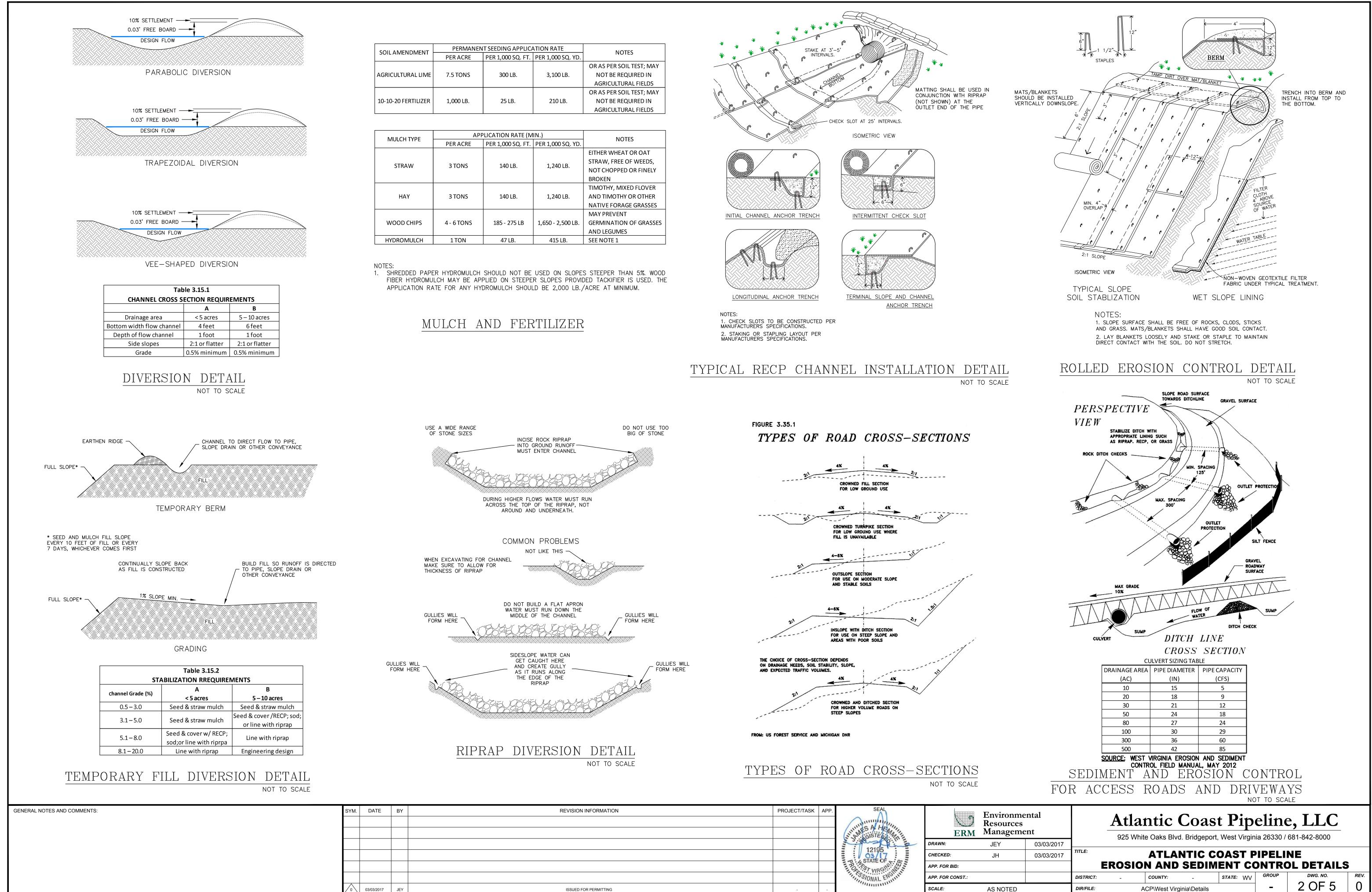
1. SAFETY FENCE SHALL BE CHECKED REGULARLY FOR WEATHER-RELATED OR OTHER DAMAGE. ANY NECESSARY REPAIRS MUST BE MADE IMMEDIATELY.

2. CARE SHOULD BE TAKEN TO SECURE ALL ACCESS POINTS (GATES) AT THE END OF EACH WORKING DAY. ALL LOCKING DEVICES MUST BE REPAIRED OR REPLACED AS NECESSARY.

AL PROPERTIES OF PL	ASTIC SAFETY FENCE
TEST	<u>REQUIREMENTS</u>
N/A	INTERNATIONAL ORANGE
ASTM D638	AVERAGE 2,000 lbs.
ASTM D638	AVERAGE 2,000 lbs. per 4FT. WIDTH
ASTM D638	GREATER THAN 1000%
N/A	INERT TO MOST CHEMICALS/ACIDS
	N/A ASTM D638 ASTM D638 ASTM D638

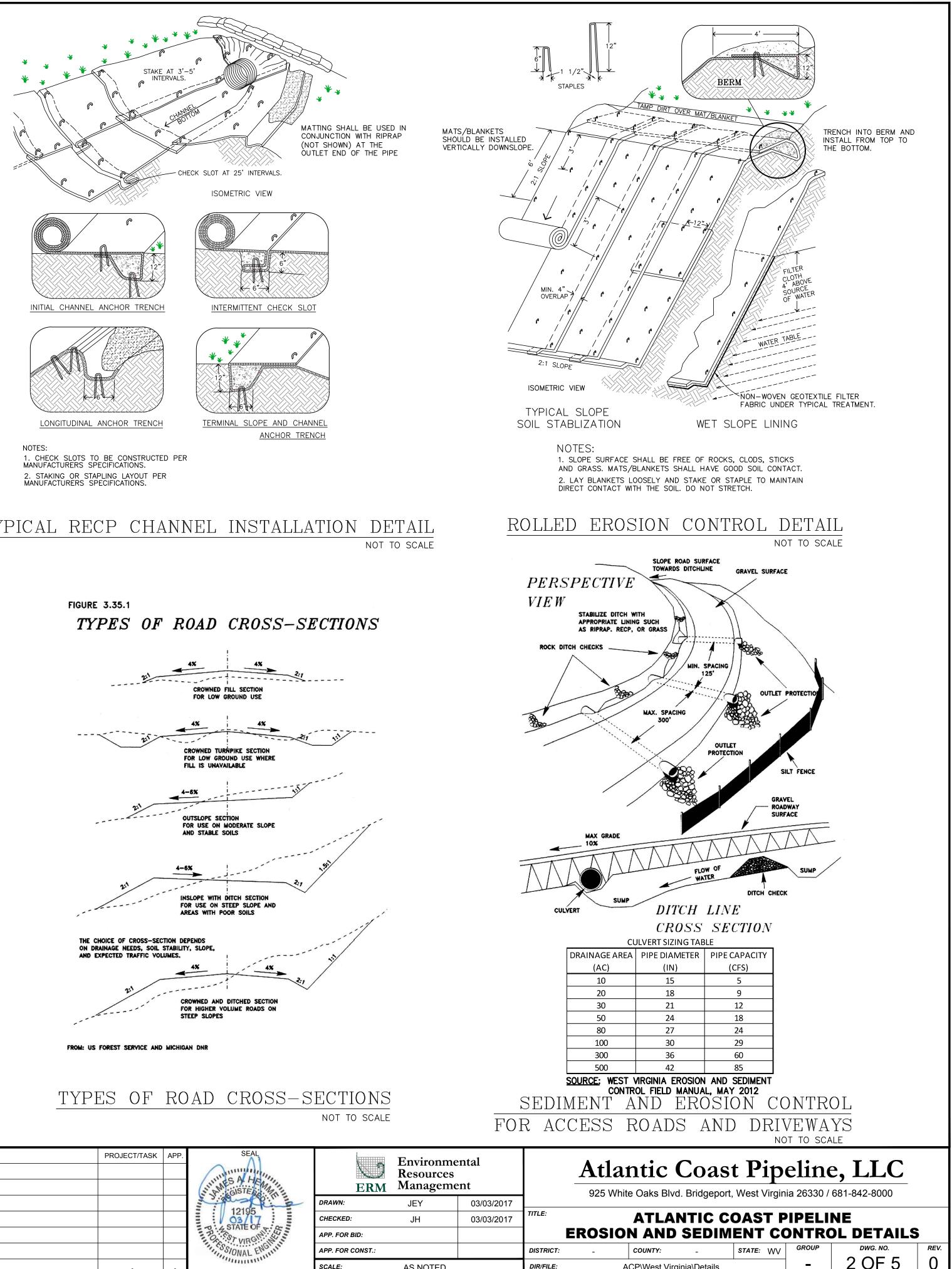
SAFETY FENCE SPECIFICATIONS



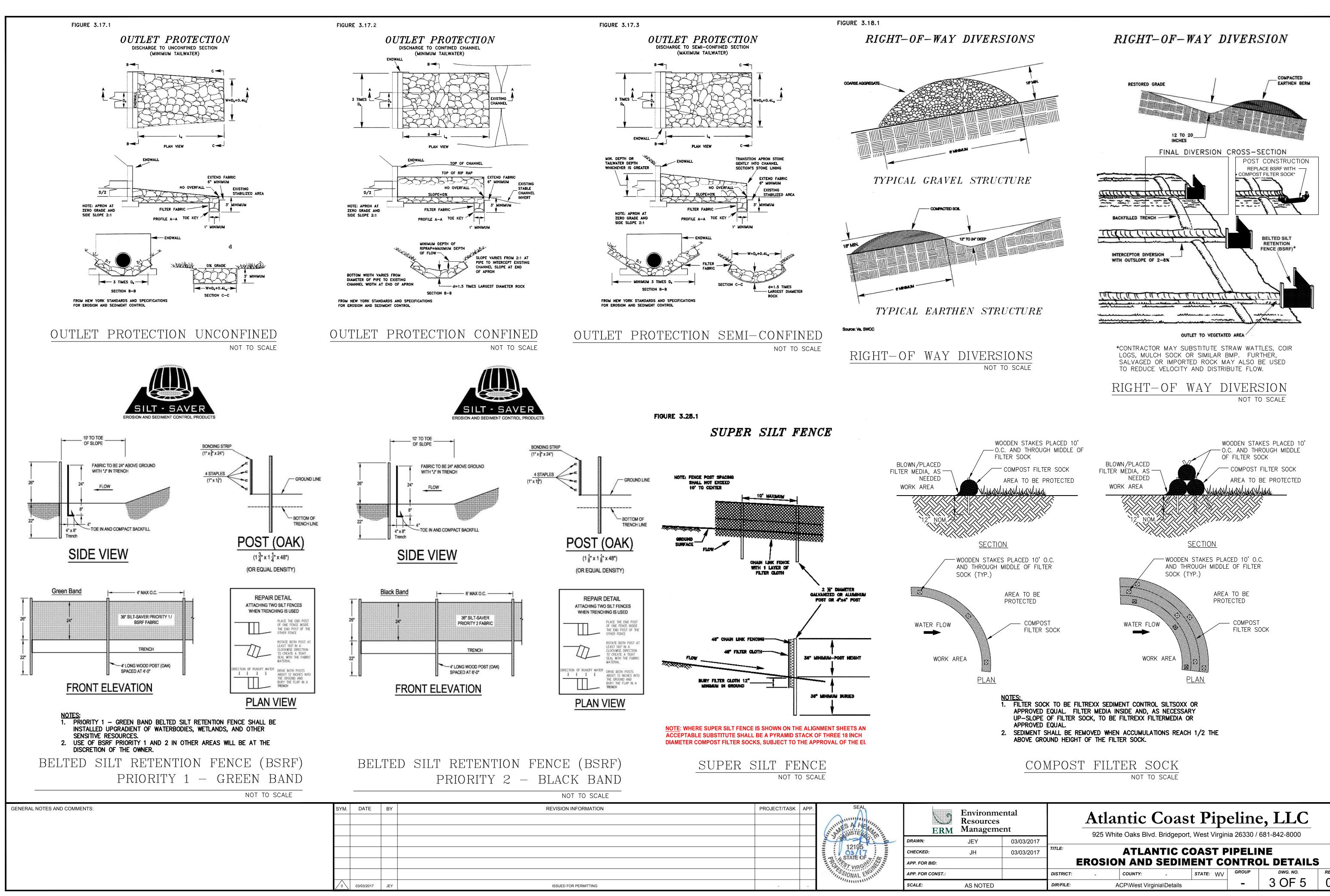


ΕN	T SEEDING APPLICA	ATION RATE	NOTES
	PER 1,000 SQ. FT.	PER 1,000 SQ. YD.	NOTES
			OR AS PER SOIL TEST; MAY
	300 LB.	3,100 LB.	NOT BE REQUIRED IN
			AGRICULTURAL FIELDS
			OR AS PER SOIL TEST; MAY
	25 LB.	210 LB.	NOT BE REQUIRED IN
			AGRICULTURAL FIELDS

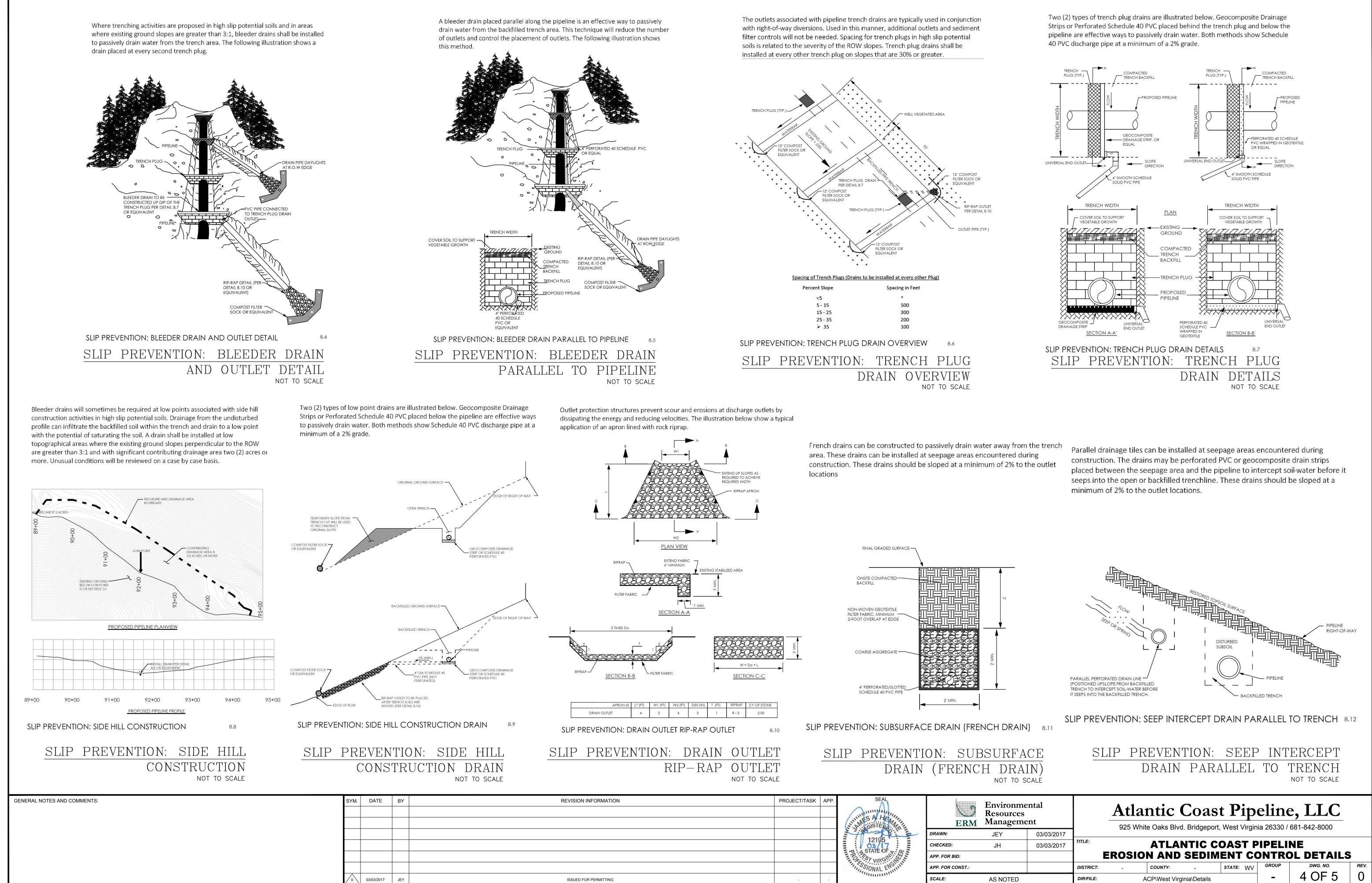
PP	LICATION RATE (M	IN.)	NOTES
	PER 1,000 SQ. FT.	PER 1,000 SQ. YD.	NOTES
			EITHER WHEAT OR OAT
	14010	1 24010	STRAW, FREE OF WEEDS,
	140 LB.	1,240 LB.	NOT CHOPPED OR FINELY
			BROKEN
			TIMOTHY, MIXED FLOVER
	140 LB.	1,240 LB.	AND TIMOTHY OR OTHER
			NATIVE FORAGE GRASSES
			MAY PREVENT
	185 - 275 LB	1,650 - 2,500 LB.	GERMINATION OF GRASSES
			AND LEGUMES
	47 LB.	415 LB.	SEE NOTE 1

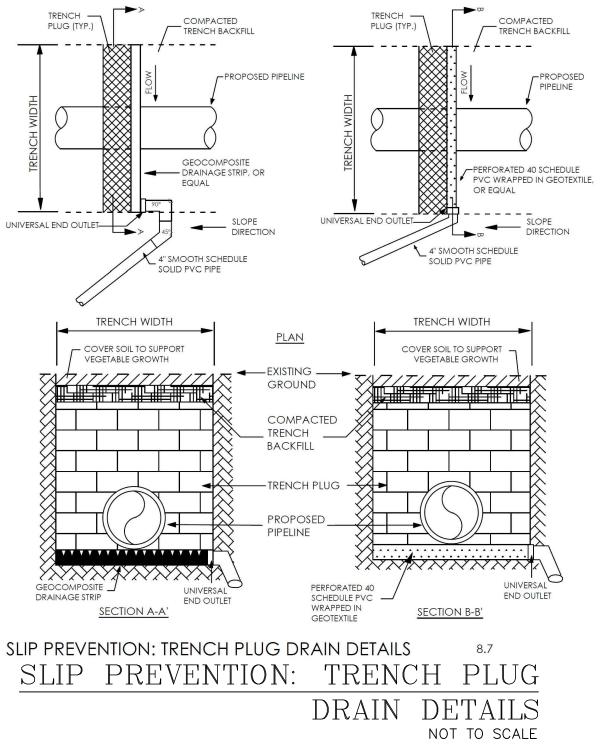


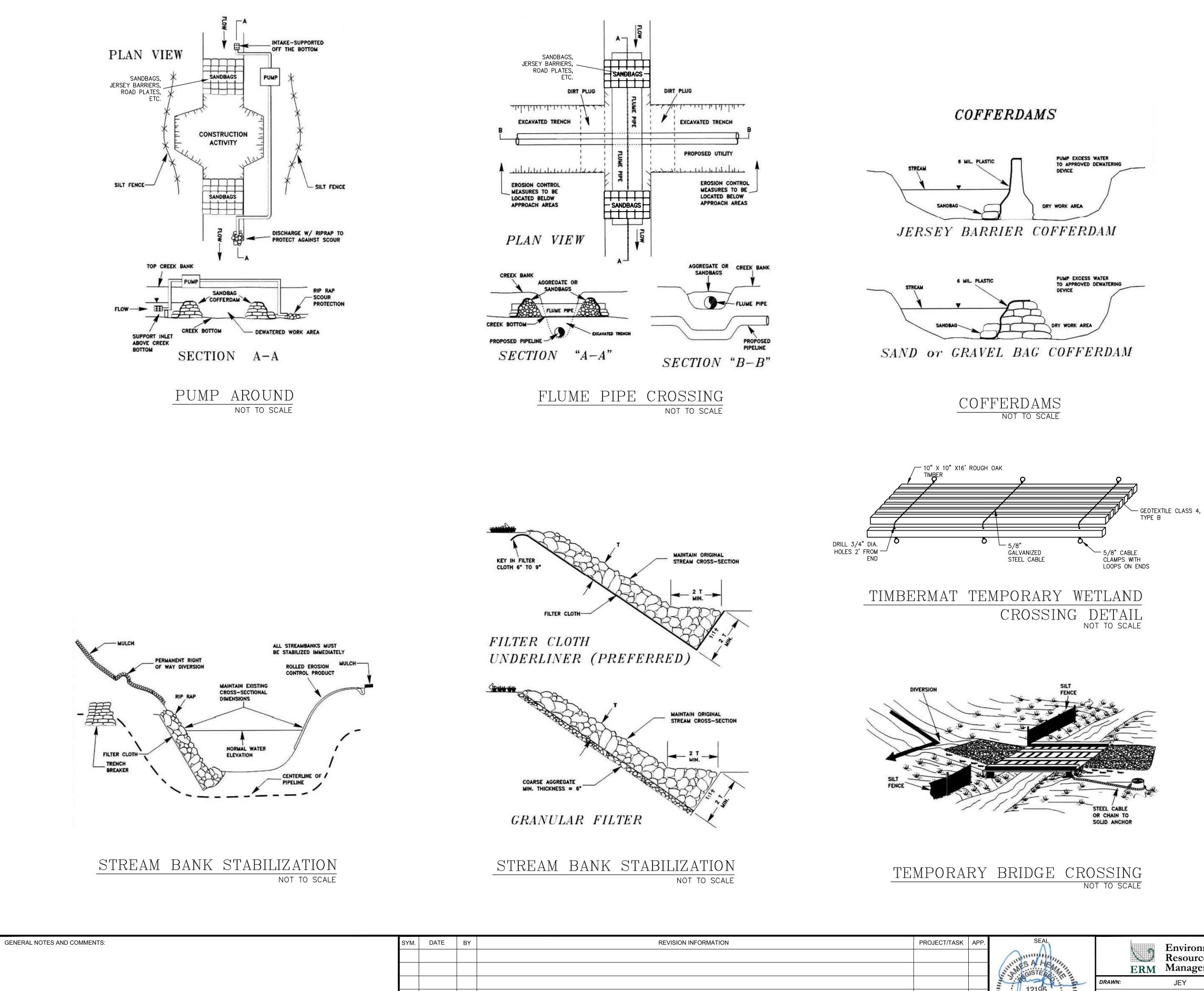
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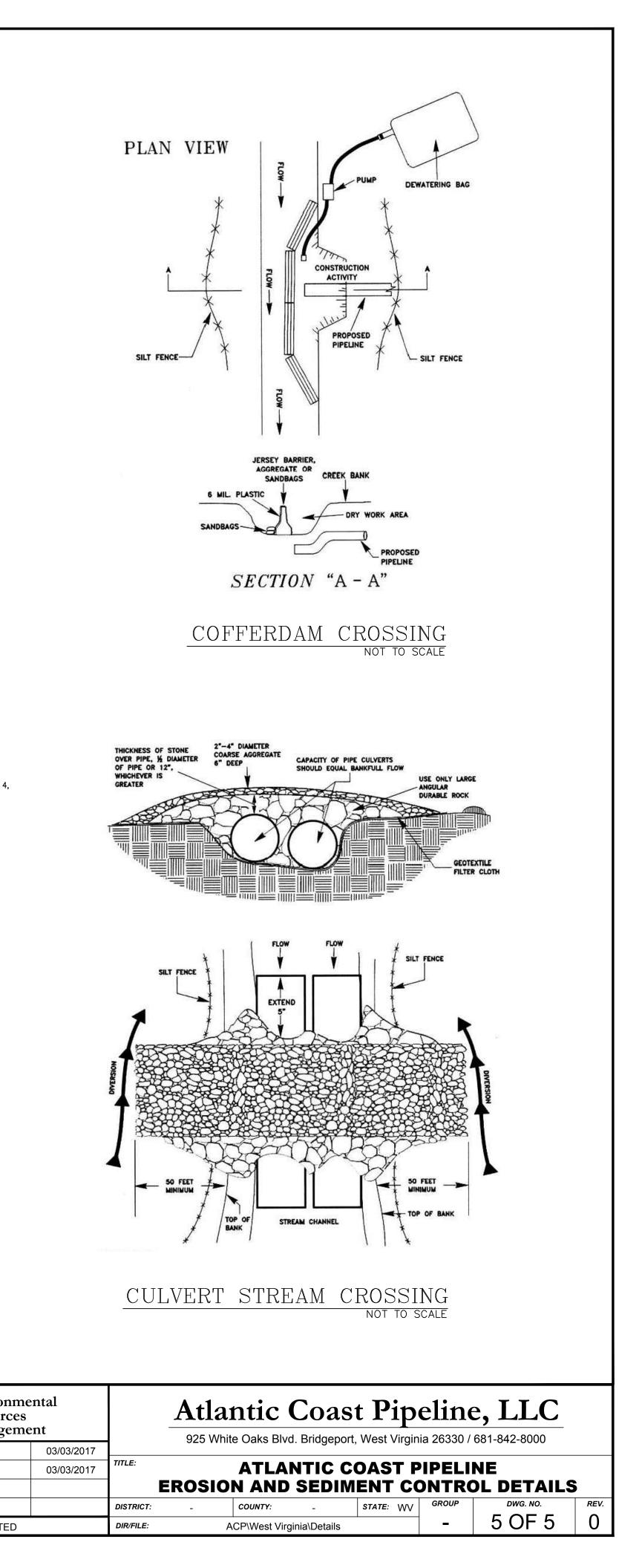




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EROSION AND SEDIMENT CONTROL PLAN NARRATIVE

THE EROSION AND SEDIMENT (E&S) CONTROL MEASURES FOR THE PIPELINE CONSTRUCTION ACTIVITIES PRIMARILY CONSIST OF BUT ARE NOT LIMITED TO COMPOST FILTER SOCK, BELTED SILT RETENTION FENCE, SUPER SILT FENCE, SLOPE BREAKERS, AND TEMPORARY AND PERMANENT SEEDING AND MULCHING. BEST MANAGEMENT PRACTICES (BMP) SPECIFICATIONS FOR THE E&S CONTROL PLAN (E&SCP) ARE TO BE UTILIZED BY THE CONSTRUCTION CONTRACTOR ACCORDING TO THE PROVIDED PLAN.

GENERAL CONSTRUCTION NOTES

- 1. DISCHARGING SEDIMENT LADEN WATER WHICH WILL CAUSE OR CONTRIBUTE TO THE DEGRADATION OF A BENEFICIAL USE OF A WATER OF THE STATE FROM THE CONSTRUCTION SITE, A DEWATERING SITE, OR SEDIMENT BASINTRAP INTO ANY SURFACE WATER WITHOUT FILTRATION OR EQUIVALENT TREATMENT IS PROHIBITED.
- 2. THE DISCHARGER SHALL AMEND THE EROSION & SEDIMENT CONTROL PLAN WHENEVER THERE IS A CHANGE IN THE CONSTRUCTION OR OPERATIONS, WHICH MAY EFFECT THE DISCHARGE OF POLLUTANTS TO SURFACE WATERS OR GROUNDWATER. 3. DISCHARGES ORIGINATING FROM OFF-SITE SOURCES, WHICH FLOW THROUGH OR ACROSS THE AREAS DISTURBED BY CONSTRUCTION.
- MAY BE DIVERTED AROUND THE ACTIVE CONSTRUCTION AREA WHENEVER POSSIBLE. 4. PERFORM PERMANENT OR TEMPORARY SOIL STABILIZATION WITHIN 7 DAYS WHEN SITE IS AT FINAL GRADE AND ON SITES THAT ARE
- NOT AT FINAL GRADE, BUT WILL REMAIN DORMANT FOR MORE THAN 14 DAYS. 5. DUE TO VARYING SITE CONDITIONS, ADDITIONAL SEDIMENT CONTROL BMPS MAY BE NECESSARY BEYOND THE MEASURES SHOWN ON
- THE E&S CONTROL PLAN. 6. STAGING AREAS, ASSEMBLY AREAS, TEMPORARY EQUIPMENT AND NON-HAZARDOUS MATERIAL STORAGE AREAS SHALL BE LOCATED OUTSIDE 100-YR FLOOD ZONES. HAZARDOUS MATERIAL STORAGE AREAS SHALL BE LOCATED AT LEAST 100 FEET BACK FROM SURFACE WATER BODIES
- 7. EQUIPMENT STORAGE IN CONSTRUCTION STAGING AREAS SHALL BE LOCATED A MINIMUM OF 100 FEET AWAY FROM WETLAND EDGE.
- 8. AT MINIMUM, ALL BMPS ARE TO BE INSPECTED ONCE EVERY SEVEN CALENDAR DAYS AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN 0.5-INCH PER 24-HOUR PERIOD DURING THE ENTIRE PROJECT. A WRITTEN REPORT MUST ALSO BE COMPLETED, DOCUMENTING EACH INSPECTION AND, IF NECESSARY, ANY REPAIR, REPLACEMENT OR MAINTENANCE ACTIVITY.
- 9. THE CONTRACTOR SHALL TAKE PRECAUTIONARY MEASURES TO PROTECT ANY EXISTING FACILITY SHOWN ON THE DRAWINGS, AND ANY OTHER WHICH IS NOT ON RECORD OR NOT SHOWN ON THE DRAWINGS. THE CONTRACTOR SHALL POTHOLE EXISTING UTILITIES AT THE POINTS OF CONNECTION AND ALL UTILITY CROSSINGS TO DETERMINE EXACT LOCATIONS PRIOR TO THE START OF WORK. ANY DISCREPANCIES BETWEEN THESE DRAWINGS AND EXISTING CONDITIONS SHALL BE REPORTED TO THE ENGINEER OF RECORD IMMEDIATELY.
- 10. ALL WORK WITHIN A PUBLIC RIGHT-OF-WAY SHALL BE COORDINATED WITH THE AGENCY HAVING JURISDICTION.
- 11. ALL REQUIRED PERMITS MUST BE OBTAINED PRIOR TO STARTING WORK.
- 12. DURING CONSTRUCTION, THE CONTRACTOR SHALL BE RESPONSIBLE FOR CONSTRUCTION, STABILIZATION AND MAINTENANCE OF ALL EXISTING AND PROPOSED SITE EROSION & SEDIMENTATION CONTROL DEVICES AND FACILITIES.
- 13. THE CONTRACTOR AGREES THAT IN ACCORDANCE WITH GENERALLY ACCEPTED CONSTRUCTION PRACTICES, THE CONTRACTOR WILL BE REQUIRED TO ASSUME SOLE AND COMPLETE RESPONSIBILITY FOR JOB SITE CONDITIONS DURING THE COURSE OF CONSTRUCTION OF THE PROJECT, INCLUDING EROSION & SEDIMENTATION DEVICES AND SAFETY OF ALL PERSONS AND PROPERTY; THAT THIS REQUIREMENT SHALL BE MADE TO APPLY CONTINUOUSLY AND NOT BE LIMITED TO NORMAL WORKING HOURS, AND CONSTRUCTION CONTRACTOR FURTHER AGREES TO DEFEND, INDEMNIFY AND HOLD THE ENGINEER OF RECORD HARMLESS OF ANY AND ALL LIABILITY, REAL OR ALLEGED, IN CONNECTION WITH THE PERFORMANCE OF WORK ON THIS PROJECT, EXCEPTING LIABILITY ARISING FROM THE SOLE NEGLIGENCE OF ENGINEER OF RECORD.
- 14. AS SITE SPECIFIC CONDITIONS MAY WARRANT, THE E&SC PLAN MAY REQUIRE MINOR MODIFICATIONS TO ENSURE PROPER PROTECTION OF RECEIVING WATERS. THE RESPECTIVE PROJECT ENVIRONMENTAL INSPECTOR (EI) WILL IDENTIFY SITE SPECIFIC AREAS WHERE A CERTAIN BMP MODIFICATION(S) IS NECESSARY TO EITHER OMIT OR ENHANCE BMPS IN SUCH AREAS. THIS PROCESS ENTAILS THE EI TO IDENTIFY LOCATIONS WHERE BMPS WILL NEED TO BE ALTERED, SUBSTITUTED OR OMITTED AND CONTACT THE DOMINION GAS COMPLIANCE SPECIALIST TO REVIEW PROPOSED CHANGES. UPON REVIEW AND APPROVAL BY THE DOMINION COMPLIANCE SPECIALIST, THE EI WILL REDLINE, DATE, AND SIGN THE E&SCP DRAWING(S) DEPICTING THE REDLINE CHANGE(S). ONCE THIS PROCESS IS COMPLETED, THE EI WILL NOTIFY THE DEP OF SUCH MINOR MODIFICATION REDLINE AMENDMENTS AS REQUIRED BY THE GENERAL PERMIT.

BMP INSTALLATION AND REMOVAL SEQUENCE

CONSTRUCTION MUST BE IN ACCORDANCE WITH THE FOLLOWING SEQUENCE. THIS SEQUENCE IS DESIGNED TO MINIMIZE SOIL EROSION AND SEDIMENTATION. THE CONTRACTOR MAY DEVIATE SLIGHTLY FROM THE STAGING OF PERMANENT SITE IMPROVEMENTS, BUT NO DEVIATION FROM THE RELATIVE ORDER OF EROSION AND SEDIMENTATION CONTROL MEASURES WILL BE ALLOWED.

THE STAGING OF EARTHMOVING ACTIVITIES FOR THIS PROJECT IS A GENERAL DESCRIPTION OF THE WORK REQUIRED. ALL WORK SHALL BE COMPLETED IN ACCORDANCE WITH COMPANY STANDARDS, THE WEST VIRGINIA DEPARTMENT OF ENVIRONMENTAL PROTECTION REGULATIONS AND ALL OTHER APPLICABLE FEDERAL, STATE OR LOCAL REQUIREMENTS.

THE APPROVED EROSION AND SEDIMENTATION CONTROL PLAN INCLUDING THE SOIL EROSION CONTROL DRAWINGS AND NARRATIVE SHALL BE AVAILABLE ON SITE AT ALL TIMES DURING EARTH DISTURBANCE.

- 1. STAKE AND/OR FLAG ALL LIMITS OF DISTURBANCE FOR CONSTRUCTION ACTIVITIES. CLEARLY IDENTIFYING WETLAND AND STREAM EDGES. INSTALL SIGNS TO DESIGNATE THE AREA TO IDENTIFY IMPORTANT PROJECT ATTRIBUTES SUCH AS WETLANDSTREAM BOUNDS. EXCLUSION AREAS ETC.
- 2. INSTALL ROCK CONSTRUCTION ENTRANCES IMMEDIATELY BEFORE INITIAL DISTURBANCES. THE ROCK CONSTRUCTION ENTRANCES TO BE UNDERLAIN BY FILTER FABRIC. ALL CONSTRUCTION TRAFFIC SHOULD USE ONLY ROCK CONSTRUCTION ENTRANCE FOR INGRESS AND EGRESS. ALL MUD OR SEDIMENT TRACKED ONTO THE EXISTING ROADWAY SHALL BE REMOVED BY THE CONTRACTOR AS NECESSARY.
- 3. INSTALL SILT FENCE AND COMPOST FILTER SOCKS AS NECESSARY ALONG THE ACCESS ROADS TO PREVENT SEDIMENT LADEN RUNOFF FROM ENTERING DOWNSTREAM WATER BODIES. MAINTAIN THE ACCESS ROADS AS REQUIRED, ASSOCIATED DITCHES, AND NECESSARY OUTLET PROTECTION.
- 4. PRIOR TO AND SIMULTANEOUS WITH GRADING AND EXCAVATION, INSTALL REMAINING EROSION CONTROL DEVICES (ECD) SHOWN ON THE PLANS.
- 5. COMMENCE GRADING AND ASSOCIATED CUT AND FILL SLOPES. THE EARTH MOVING ACTIVITY SHALL BEGIN IN AREA OF CUT SO THAT THE CUTS CAN BE PLACED IN AREAS OF FILL. REMOVE TOPSOIL FROM AREAS TO RECEIVE FILL PRIOR TO FILLING.
- 6. FINALIZE UTILITY INSTALLATION AND ROADWAY GRADES AND PLACE TOPSOIL ON THE CUT AND FILL AREAS. STABILIZE CUT AND FILL SLOPES, AFTER PLACEMENT OF STOCKPILED TOPSOIL ON EXCAVATED SLOPES, AND AS DIRECTED.
- . RE-DISTRIBUTION OF WET SEDIMENT FROM DEVICES AND FACILITIES SHALL ONLY BE PERMITTED UPHILL OF AN EFFECTIVE SEDIMENT CONTROL DEVICE OR FACILITY. SEDIMENT LADEN RUNOFF SHALL NOT BE ALLOWED TO FLOW DIRECTLY INTO WATER BODIES. 8. ANY EXPOSED TOPSOIL PILES SHOULD BE STABILIZED & SEEDED PER THE PERMIT REGULATIONS, AND BY TABLES SHOWN ON THE
- APPROVED EROSION CONTROL PLANS AND MULCHED WITH STRAW AS SPECIFIED BY THE PROJECT OWNER.
- 9. UPON MINIMUM 70% UNIFORM PERENNIAL VEGETATIVE GROWTH, REMOVE TEMPORARY SEDIMENT CONTROLS. REMOVE ACCUMULATED SEDIMENTS WITHIN THE TRAPS, RE-GRADE TRAPS TO FINAL CONTOURS. STABILIZE SITE PER THE PLANS.

GENERAL NOTES AND COMMENTS:	SYM.	DATE	BY	
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SEQUENCE OF CONSTRUCTION

1. LIMITS OF CONSTRUCTION MUST BE FIELD MARKED PRIOR TO CLEARING, INSTALLATION OF SEDIMENT CONTROL MEASURES, CONSTRUCTION, OR OTHER LAND DISTURBING ACTIVITIES.

- 2. DETAILED SEQUENCE OF CONSTRUCTION:
- a. INSTALL STABILIZED CONSTRUCTION ENTRANCE.
- b. CLEAR AND GRADE FOR INSTALLATION OF EROSION AND SEDIMENT CONTROL DEVICES.
- c. INSTALL SEDIMENT CONTROL DEVICES.
- d. PREPARE TEMPORARY PARKING AND STORAGE AREA(S).
- e. CLEAR AND GRUB THE SITE, AS REQUIRED.
- f. START CONSTRUCTION OF THE SITE IMPROVEMENTS.
- g. BEGIN GRADING THE SITE.
- h. INSTALL PIPELINE.
- BACKFILL TRENCH PERFORM FINAL GRADING AND INSTALL PERMANENT SEEDING AND PLANTING.
- k. TEMPORARY SOIL STOCKPILE SHALL BE REMOVED, REGRADED, AND STABILIZED TO PRE-EXISTING CONDITIONS AT THE CONCLUSION OF THE CONSTRUCTION ACTIVITIES.
- REMOVE ALL TEMPORARY EROSION AND SEDIMENT CONTROL DEVICES (ONLY IF SITE IS STABILIZED).
- 3. A RECORD DRAWING SHALL BE PREPARED AT THE END OF CONSTRUCTION.

MAINTENANCE SCHEDULE

AFTER FULL REVEGETATION HAS BEEN ACHIEVED, ALL BMPS WILL BE REMOVED AND ANY LAND DISTURBED BY REMOVAL WILL BE PERMANENTLY STABILIZED. UNLESS OTHERWISE SPECIFIED, ALL MAINTENANCE MUST BE COMPLETED IMMEDIATELY AFTER AN INSPECTION IDENTIFIES THAT A BMP IS NOT FUNCTIONING AS REQUIRED.

- THE ROW AND ESC DEVICES WILL BE INSPECTED DAILY AT THE ACTIVE CONSTRUCTION SITE AND AT LEAST ONCE EVERY SEVEN CALENDAR DAYS FOR ACTIVELY DISTURBED AREAS, 14 CALENDAR DAYS FOR RESTORED AREAS, AND WITHIN 24 HOURS AFTER ANY STORM EVENT GREATER THAN ONE-HALF-INCH PER 24-HOUR PERIOD.
- SEDIMENT MUST BE REMOVED WHERE ACCUMULATION REACHES ONE-HALF THE ABOVE GROUND HEIGHT OF THE CONTROL MEASURE. EROSION CONTROL MEASURES, WHICH HAVE BEEN UNDERMINED OR TOPPED, SHALL BE REPAIRED IMMEDIATELY.
- OTHER REQUIRED REPAIRS OR MAINTENANCE SHALL BE MADE IMMEDIATELY.
- TEMPORARY AND PERMANENT E&S CONTROL BMPS SHALL BE MAINTAINED AND REPAIRED AS NEEDED TO ASSURE CONTINUED PERFORMANCE OF THEIR INTENDED FUNCTION.

MATERIAL WASTE HANDLING AND RECYCLING

- 1. SOLID WASTE DISPOSAL SHALL BE HANDLED THROUGH ONE OF THE LOCAL LICENSED WASTE MANAGEMENT PROVIDERS AND PERMITTED DISPOSAL FACILITIES. THE CONTRACTOR WILL PROVIDE MOBILE AND COVERED WASTE RECEPTICLES AS NEEDED ALONG THE PROJECT LIMITS. CONTRACTOR SHALL ALSO PROVIDE A COVERED DUMPSTER FOR CONSOLIDATION OF WASTE FOR PICK UP AND DISPOSAL FOR THE DURATION OF THE PROJECT. ALL SOLID WASTE SHALL BE DISPOSED OF AT A LICENSED PERMITTED MUNICIPAL LANDFILL.
- 2. THE CONTRACTOR WILL BE RESPONSIBLE FOR ANY PERMITS ANDOR DISPOSAL FEES. THE CONTRACTOR SHALL BE SOLELY RESPONSIBLE TO ASSURE THAT ALL MATERIALS AREA HANDLED AND DISPOSED OF IN ACCORDANCE WITH APPLICABLE LAWS, RULES, AND REGULATIONS, INCLUDING BUT NO LIMITED TO THOSE ISSUED BY THE ENVIRONMENTAL PROTECTION AGENCY, WVDEP, AND OCCUPATIONAL SAFETY AND HEALTH ADMINISTRATION.
- 3. CONTRACTOR SHALL PRACTICE GOOD HOUSEKEEPING FOR THE DURATION OF THE PROJECT INCLUDEING THE ROUTINE REMOVAL AND DISPOSAL OF SOLID WASTE.
- 4. CONTRACTOR SHALL KEEP RECORDS OF PROPER SOLID WASTE DISPOSAL AND PROVIDE COPIES TO THE EI.

SEEDING AND MULCHING

- SEE SEED MIXES, SOIL AMENDMENTS, AND MULCH SPECIFICATIONS SPECIFIED IN THE ACP RESTORATION AND REHABILITATION PLAN. 1. SEEDBED PREPARATION: AREAS TO BE SEEDED SHALL BE DISKED TO A DEPTH OF 4-IN TO 6-IN WHENEVER FEASIBLE, AND SMOOTHLY GRADED.
- 2. IN TOPSOILED AREAS, SOIL TO BE REDISTRIBUTED EVENLY AND STABILIZED PRIOR TO SEEDING.
- 3. STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS PRACTICABLE IN PORTIONS OF THE SITE WHERE CONSTRUCTION ACTIVITIES HAVE TEMPORARILY OR PERMANENTLY CEASED, BUT IN NO CASE MORE THAN 21 DAYS AFTER THE CONSTRUCTION ACTIVITY IN THAT PORTION OF THE SITE HAS PERMANENTLY CEASED.
- 4. WHERE THE INITIATION OF STABILIZATION MEASURES WITHIN 7 DAYS AFTER CONSTRUCTION ACTIVITY TEMPORARILY OR PERMANENTLY CEASES IS PRECLUDED BY SNOW COVER, STABILIZATION MEASURES SHALL BE INITIATED AS SOON AS CONDITIONS ALLOW
- 5. WHERE CONSTRUCTION ACTIVITY WILL RESUME ON A PORTION OF THE SITE WITHIN 21 DAYS FROM WHEN ACTIVITIES CEASED (e.g., THE TOTAL TIME PERIOD THAT CONSTRUCTION ACTIVITY IS TEMPORARILY HALTED IS LESS THAN 21 DAYS). THEN STABILIZATION MEASURES DO NOT HAVE TO BE INITIATED ON THAT PORTION OF THE SITE BY THE SEVENTH DAY AFTER CONSTRUCTION ACTIVITIES HAVE TEMPORARILY CEASED.
- 6. AREAS WHERE THE SEED HAS FAILED TO GERMINATE ADEQUATELY (UNIFORM PERENNIAL VEGETATIVE COVER WITH A DENSITY OF 70%) WITHIN 30 DAYS, SEEDING AND MULCHING MUST BE RE-SEEDED IMMEDIATELY, OR AS SOON AS WEATHER PERMITS.

- WITHIN ANY TWELVE-MONTH PERIOD.

THE CONTRACTOR SHALL BE READILY FAMILIAR WITH AND MAINTAIN ON SITE FOR IMMEDIATE REFERENCE TO THE PROJECT SWPPP. THE REQUIREMENTS OF THE SWPPP PROVIDE ADDITIONAL DETAIL AND INFORMATION BEYOND THE PRJECT NOTES AND DETAILS. THE PERFORMANCE REQUIREMENTES OF THE SWPPP ARE INCORPORATED AND MADE PART OF THESE PLANS.

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 REPORTABLE SPILLS OCCURRING DURING CONSTRUCTION, OPERATION AND MAINTENANCE ARE TO BE REPORTED IMMEDIATELY TO THE MONITORING CENTER AT 1-800-835-7191. DOMINION'S ENVIRONMENTAL HEALTH AND SAFETY DEPARTMENT WILL BE RESPONSIBLE FOR CONTACTING THE APPROPRIATE AGENCIES, EXCEPT AS PROVIDED FOR BELOW.

 ANY FACILITY OWNER/OPERATOR WHO IS SUBJECT TO THE SPCC RULE MUST COMPLY WITH THE REPORTING REQUIREMENTS FOUND IN 40 CFR 112.4. A DISCHARGE MUST BE REPORTED TO THE EPA REGIONAL ADMINISTRATOR (RA) WHEN THERE IS A DISCHARGE OF: MORE THAN 1,000 GALLONS OF OIL IN A SINGLE DISCHARGE TO NAVIGABLE WATERS OR ADJOINING SHORELINES, MORE THAN 42 GALLONS OF OIL IN EACH OF TWO DISCHARGES TO NAVIGABLE WATERS OR ADJOINING SHORELINES OCCURRING

 REPORTABLE SPILLS FOR THE WV DEP INCLUDE ANY SPILL THAT PRODUCES A VISIBLE SHEEN ON THE SURFACE OF THE WATER. • IF A DOMINION REPRESENTATIVE CANNOT BE PROMPTLY CONTACTED AND THE SPILL HAS IMPACTED WATER, THE PERSON DISCOVERING THE SPILL OR RELEASE WILL CONTACT THE NATIONAL RESPONSE CENTER AT 1-800-424-8802 AND THE WVDEP SPILL HOTLINE AT 1-800-642-3074 AND REPORT THE RELEASE. THAT PERSON WILL CONTINUE CALLING DOMINION UNTIL A REPRESENTATIVE IS REACHED.

INCORPORATION OF STORMWATER POLLUTION PREVENTION PLAN (SWPPP)

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SHEFI 18

Barrier #	Slope Length (ft)	Slope %	Barrier Type
19.01	115	32%	BSRF
19.02	90	42%	SSF
19.03	90	33%	BSRF
19.04	50	32%	BSRF
19.05	45	49%	SSF
19.06	45	29%	BSRF
19.07	145	23%	BSRF
19.08	150	41%	SSF
19.09	115	22%	BSRF
19.10	180	7%	BSRF
19.11	65	29%	BSRF
19.12	120	33%	BSRF
19.13	65	42%	SSF
19.14	75	11%	BSRF
19.15	30	13%	BSRF
19.16	20	15%	BSRF
19.17	30	13%	BSRF
19.18	155	28%	BSRF

SHEET 18

Barrier #	Slope Length (ft)	Slope %	Barrier Type
18.01	50	32%	BSRF
18.02	90	30%	BSRF
18.03	100	30%	BSRF
18.04	20	15%	BSRF
18.05	20	15%	BSRF
18.06	100	30%	BSRF
18.07	85	32%	BSRF
18.08	60	23%	BSRF
18.09	100	30%	BSRF
18.10	50	32%	BSRF

SHEET 17

Barrier #	Slope Length (ft)	Slope %	Barrier Type
17.01	95	19%	BSRF
17.02	240	33%	BSRF
17.03	120	12%	BSRF
17.04	170	31%	BSRF
17.05	130	28%	BSRF
17.06	180	24%	BSRF
17.07	80	33%	BSRF
17.08	180	45%	SSF
17.09	45	33%	BSRF
17.10	45	42%	SSF
17.11	60	18%	BSRF
17.12	120	49%	SSF
17.13	130	31%	BSRF
17.14	80	39%	SSF
17.15	100	26%	BSRF
17.16	130	19%	BSRF
17.17	95	33%	BSRF

SHEET 16

Barrier #	Slope Length (ft)	Slope %	Barrier Type
16.01	60	10%	BSRF
16.02	150	26%	BSRF
16.03	150	27%	BSRF
16.04	100	31%	BSRF
16.05	110	32%	BSRF
16.06	45	31%	BSRF
16.07	90	33%	BSRF
16.08	30	3%	BSRF
16.09	150	27%	BSRF
16.10	150	49%	SSF
16.11	70	30%	BSRF
16.12	90	21%	BSRF
16.13	115	23%	BSRF
16.14	60	33%	BSRF
16.15	75	24%	BSRF
16.16	150	33%	BSRF

Barrier #	
22.01	
22.02	
22.03	
22.04	
22.05	
22.06	
22.07	
22.08	
22.09	
22.10	

Barrier#	S
21.01	
21.02	
21.03	
21.04	
21.05	
21.06	
21.07	
21.09	
21.10	
21.11	
21.12	
21.13	
21.14	
21.15	
21.16	
21.17	
21.18	
21.19	
21.20	
21.21	
21.22	

			-
Barrier #	Slope Length (ft)	Slope %	Barrier Type
20.01	80	40%	SSF
20.02	55	31%	BSRF
20.03	90	41%	SSF
20.04	100	32%	BSRF
20.05	70	41%	SSF
20.06	50	32%	BSRF
20.07	55	42%	SSF
20.08	50	32%	BSRF
20.09	75	24%	BSRF
20.10	90	40%	SSF
20.11	120	31%	BSRF
20.12	170	22%	BSRF
20.13	75	13%	BSRF
20.14	110	13%	BSRF
20.15	35	11%	BSRF
20.16	110	50%	SSF
20.17	40	25%	BSRF
20.18	105	44%	SSF
20.19	100	43%	SSF
20.20	95	32%	BSRF
20.21	50	32%	BSRF
	SHEE	T 20	
D			D

	-l	
Slope Length (ft)	Slope %	Barrier Type
45	33%	BSRF
45	33%	BSRF
55	31%	BSRF
90	31%	BSRF
95	32%	BSRF
95	28%	BSRF
130	28%	BSRF
155	32%	BSRF
155	25%	BSRF
120	37%	SSF
165	13%	BSRF
110	25%	BSRF
30	20%	BSRF
150	30%	BSRF
70	4%	BSRF
90	2%	BSRF
90	4%	BSRF
150	39%	SSF
90	19%	BSRF
90	27%	BSRF
90	19%	BSRF

SHEET 21

Slope Length (ft)	Slope %	Barrier Type
30	33%	BSRF
25	32%	BSRF
200	42%	SSF
125	28%	BSRF
80	8%	BSRF
105	17%	BSRF
80	29%	BSRF
65	29%	BSRF
80	15%	BSRF
90	10%	BSRF

SHEET 22

Barrier #	Slope Length (ft)	Slope %	Barrier Type
26.01	135	25%	BSRF
26.02	110	8%	BSRF
26.03	160	11%	BSRF
26.04	80	21%	BSRF
26.05	75	23%	BSRF
26.06	120	32%	BSRF
26.07	90	39%	SSF
26.08	130	30%	BSRF
26.09	50	24%	BSRF

SHEET 25

SHEET 26

80	21%	
75	23%	
120	32%	
90	39%	
130	30%	
50	24%	

Barrier #	Slope Length (ft)	Slope %	Barrier Type
23.01	130	8%	BSRF
23.02	135	26%	BSRF
23.03	130	49%	SSF
23.04	35	20%	BSRF
23.05	145	50%	SSF
23.06	115	20%	BSRF
23.07	55	22%	BSRF
23.08	200	16%	BSRF
23.09	130	29%	BSRF
23.10	170	44%	SSF
23.11	55	27%	18 in
23.12	175	14%	18 in
23.13	140	10%	BSRF
23.14	140	23%	BSRF
23.15	150	33%	BSRF
23.16	135	24%	BSRF
23.17	115	21%	BSRF
	SHEE	T 23	

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
24.01	150	21%	BSRF	
24.02	145	26%	BSRF	
24.03	65	15%	BSRF	
24.04	130	24%	BSRF	
24.05	145	28%	BSRF	
24.06	35	11%	BSRF	
24.07	95	14%	BSRF	
24.08	145	8%	BSRF	
24.09	140	6%	BSRF	
24.10	150	5%	BSRF	
24.11	100	4%	BSRF	
24.12	75	25%	BSRF	
24.13	135	20%	BSRF	

Barrier #	Slope Length (ft)	Slope %	Barrier Type
25.01	120	10%	BSRF
25.02	160	4%	BSRF
25.03	150	4%	BSRF
25.04	155	19%	BSRF
25.05	165	28%	BSRF
25.06	115	30%	BSRF
25.07	170	22%	BSRF
25.08	160	33%	BSRF
25.09	20	10%	BSRF
25.10	20	5%	BSRF
25.11	100	21%	BSRF

Barrier #	Slope Length (ft)	Slope %	Barrier Type		
27.01	140	21%	BSRF		
27.02	140	26%	BSRF		
27.03	25	24%	BSRF		
27.04	80	13%	BSRF		
27.05	160	22%	BSRF		
27.06	155	26%	BSRF		
27.07	90	17%	BSRF		
27.08	110	21%	BSRF		
27.09	75	33%	BSRF		
27.10	200	26%	BSRF		
27.11	175	12%	BSRF		
27.12	150	40%	SSF		
27.13	25	16%	BSRF		
27.14	25	16%	BSRF		
SHEET 27					

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
28.01	170	28%	BSRF	
28.02	55	33%	BSRF	
28.03	100	22%	BSRF	
28.04	95	39%	SSF	
28.05	90	8%	BSRF	
28.06	50	30%	BSRF	
28.07	75	29%	BSRF	
28.08	120	22%	BSRF	
28.09	175	23%	BSRF	
SHEET 28				

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
29.01	125	26%	BSRF	
29.02	165	21%	BSRF	
29.03	40	3%	BSRF	
29.04	140	4%	BSRF	
29.05	65	26%	BSRF	
29.06	150	33%	BSRF	
29.07	80	28%	BSRF	
29.08	140	33%	BSRF	
29.09	80	14%	BSRF	
29.10	140	33%	BSRF	
29.11	140	20%	BSRF	
29.12	135	29%	BSRF	
SHEET 29				

Barrier#	Slope Length (ft)	Slope %	Barrier Type
30.01	150	19%	BSRF
30.02	40	10%	BSRF
30.03	40	10%	BSRF
30.04	60	10%	BSRF
30.05	120	33%	BSRF
30.06	160	49%	SSF
30.07	20	5%	BSRF
30.08	20	5%	BSRF
30.09	150	19%	BSRF
30.10	150	20%	BSRF
30.11	65	18%	BSRF
30.12	140	33%	BSRF
30.13	155	28%	BSRF
30.14	155	28%	BSRF
30.15	110	18%	BSRF
30.16	25	8%	BSRF
30.17	25	8%	BSRF
30.18	25	4%	BSRF
30.19	25	12%	BSRF
30.20	180	17%	BSRF
30.21	135	19%	BSRF
	SHEE	LT 30	

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
31.01	160	28%	BSRF	
31.02	150	20%	BSRF	
31.03	100	10%	BSRF	
31.04	140	29%	BSRF	
31.05	40	25%	BSRF	
31.06	40	25%	BSRF	
31.07	120	21%	BSRF	
31.08	80	25%	BSRF	

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Barrier #	Slope Length (ft)	Slope %	Barrier Type	
32.01	140	33%	BSRF	
32.02	100	32%	BSRF	
32.03	140	6%	BSRF	
32.04	20	10%	BSRF	
32.05	20	10%	BSRF	
32.06	20	10%	BSRF	
32.07	135	24%	BSRF	
32.08	100	31%	BSRF	
32.09	145	23%	BSRF	
SHEET 32				

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
33.01	150	50%	SSF	
33.02	130	15%	BSRF	
33.03	150	50%	SSF	
33.04	80	13%	BSRF	
33.05	60	17%	BSRF	
33.06	175	33%	BSRF	
33.07	20	20%	BSRF	
33.08	20	20%	BSRF	
SHEET 33				

Barrier #	Slope Length (ft)	Slope %	Barrier Type
34.01	200	32%	BSRF
34.02	130	22%	BSRF
34.03	85	22%	BSRF
34.04	75	27%	BSRF
0 4 05	65	4 70 /	

34.UZ	130	ZZ70	DOKE
34.03	85	22%	BSRF
34.04	75	27%	BSRF
34.05	65	17%	BSRF
34.06	75	11%	BSRF
34.07	110	33%	BSRF
34.08	140	16%	BSRF

SHEET 34

Barrier #	Slope Length (ft)	Slope %	Barrier Type
35.01	190	28%	BSRF
35.02	160	22%	BSRF
35.03	40	25%	BSRF
35.04	100	33%	BSRF
35.05	95	31%	BSRF
35.06	100	42%	SSF
35.07	70	33%	BSRF
35.08	150	21%	BSRF
35.09	20	5%	BSRF
35.10	20	10%	BSRF
35.11	145	27%	BSRF
35.12	150	33%	BSRF
35.13	145	27%	BSRF
35.14	90	23%	BSRF
35.15	100	33%	BSRF
35.16	175	26%	BSRF
35.17	20	30%	BSRF
35.18	30	17%	BSRF
35.19	140	24%	BSRF
35.20	100	33%	BSRF
35.21	150	16%	BSRF

SHEET 35

Barrier #	۰ ت
36.01	
36.02	
36.03	
36.04	
36.05	
36.06	
36.07	
36.08	
36.09	
36.10	
36.11	
36.12	
36.13	
36.14	
36.15	
36.16	

Barrier #	Slo
37.01	
37.02	
37.03	
37.04	
37.05	
37.06	
37.07	
37.08	
37.09	
37.10	
37.11	

Barrier #	Slope Length (ft)	Slope %	Barrier Type
38.01	75	31%	BSRF
38.02	150	27%	BSRF
38.03	175	6%	BSRF
38.04	160	33%	BSRF
38.05	150	7%	BSRF
38.06	115	30%	BSRF
38.07	135	33%	BSRF

Barrier #	
39.01	
39.02	
39.03	
39.04	
39.05	
39.06	
39.08	
39.09	
39.10	
39.11	
39.12	
39.13	
39.14	
39.15	
39.16	
39.17	
39.18	

GENERAL NOTES AND COMMENTS:	SYM.	DATE BY	REVISION INFORMATION	PROJECT/TASK A	PP. SE/	AL		Environme	ntal			· D •	1•		
					- ALAN GISTE	EMAN		Resources Managemen			Atlantic Co 925 White Oaks Blvd. Bridg	_		,	-
					2 3 gains		DRAWN:	JEY	03/03/2017					01-042-0000	
					03/	7	CHECKED:	JH	03/03/2017	TITLE:	ATLANTIC				
					P 4 STATE	A	APP. FOR BID:			EF	ROSION AND SE	DIMENT C	ONTRO)L TABLE	S
					SSIONAL	ENGININ	APP. FOR CONST.:			DISTRICT:	- COUNTY: -	STATE: WV	, GROUP	DWG. NO.	REV.
		03/03/2017 JEY	ISSUED FOR PERMITTING	-		s	CALE:	AS NOTED		DIR/FILE:	ACP\West Virginia\Deta	ails	-	2 OF 6	

120	1/0	Dorn
130	3%	BSRF
185	20%	BSRF
SHEE	ידי פס	
	1 29	

Slope Length (ft)	Slope %	Barrier Type
80	33%	BSRF
40	28%	BSRF
135	33%	BSRF
80	29%	BSRF
135	29%	BSRF
85	12%	BSRF
125	23%	BSRF
140	9%	BSRF
160	30%	BSRF
135	4%	BSRF
60	18%	BSRF
100	33%	BSRF
70	20%	BSRF
150	17%	BSRF
120	4%	BSRF
130	3%	BSRF
 185	20%	BSRF
CILEE		

31%	BSRF
27%	BSRF
6%	BSRF
33%	BSRF
7%	BSRF
30%	BSRF
33%	BSRF
T 38	
	6% 33% 7% 30%

SHEET 37

ope Length (ft)	Slope %	Barrier Type
75	28%	BSRF
90	33%	BSRF
125	22%	BSRF
100	33%	BSRF
90	49%	SSF
80	25%	BSRF
130	42%	SSF
80	25%	BSRF
90	49%	SSF
95	28%	BSRF
80	26%	BSRF

SHEET 36

ope Length (ft)	Slope %	Barrier Type
105	15%	BSRF
140	32%	BSRF
150	33%	BSRF
100	44%	SSF
100	19%	BSRF
70	50%	SSF
125	30%	BSRF
180	33%	BSRF
90	30%	BSRF
125	33%	BSRF
40	10%	BSRF
65	32%	BSRF
90	33%	BSRF
80	30%	BSRF
105	33%	BSRF
190	33%	BSRF

Barrier #	Slope Length (ft)	Slope %	Barrier Type
43.01	145	33%	BSRF
43.02	45	27%	BSRF
43.03	130	23%	BSRF
43.04	115	33%	BSRF
43.05	95	43%	SSF
43.06	110	28%	BSRF
43.07	100	30%	BSRF
43.08	150	33%	BSRF
43.09	115	33%	BSRF
43.10	120	25%	BSRF
43.11	55	31%	BSRF
43.12	170	25%	BSRF

SHEET 43

42.02	85	9%	BSRF			
42.03	35	29%	BSRF			
42.04	150	33%	BSRF			
42.05	100	33%	BSRF			
42.06	55	33%	BSRF			
42.07	85	33%	BSRF			
42.08	125	32%	BSRF			
42.09	120	33%	BSRF			
42.10	120	28%	BSRF			
42.11	55	42%	SSF			
42.12	75	44%	SSF			
42.13	100	20%	BSRF			
42.14	95	42%	SSF			
42.15	60	25%	BSRF			
42.16	125	28%	BSRF			
42.17	65	32%	BSRF			
42.18	85	32%	BSRF			
42.19	200	28%	BSRF			
42.20	75	15%	BSRF			
SHEET 42						

SHEET 41

24%

Barrier Type

BSRF

Barrier # Slope Length (ft) Slope %

155

42.01

Barrier #	Slope Length (ft)	Slope %	Barrier Type				
41.01	185	3%	BSRF				
41.02	60	8%	BSRF				
41.03	160	9%	BSRF				
41.04	140	8%	BSRF				
41.05	70	4%	BSRF				
41.06	135	21%	BSRF				
41.07	145	22%	BSRF				
41.08	145	22%	BSRF				
41.09	35	6%	BSRF				
41.10	60	8%	BSRF				
41.11	120	31%	BSRF				

SILLLI 40

Barrier #	Slope Length (ft)	Slope %	Barrier Type		
40.01	115	18%	BSRF		
40.02	115	28%	BSRF		
40.03	65	31%	BSRF		
40.04	200	25%	BSRF		
40.05	150	15%	BSRF		
40.06	105	7%	BSRF		
40.07	20	5%	BSRF		
40.08	20	5%	BSRF		
40.09	20	5%	BSRF		
40.10	150	27%	BSRF		
40.11	135	25%	BSRF		
40.12	55	11%	BSRF		
40.13	180	8%	BSRF		
40.14	150	1%	BSRF		
	SHEE	Т 40			

Barrier #	Slope Length (ft)	Slope %	Barrier Type		
44.01	44.01 160		BSRF		
44.02	70	13%	BSRF		
44.03	20 15% BSRF				
44.04	200	3%	BSRF		
44.05	40	10%	BSRF		
44.06	45	9%	BSRF		
44.07	70	31%	BSRF		
44.08	80	19%	BSRF		
44.09	130	31%	BSRF		
44.10	165	16%	BSRF		
44.11	180	26%	BSRF		
44.12	145	23%	BSRF		
44.13	145	14%	BSRF		
44.14	120	28%	BSRF		
	SHEE	T 44			

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
45.01	200 31% BSR		BSRF	
45.02	145	6%	BSRF	
45.03	100	23%	BSRF	
45.04	80	33%	BSRF	
45.05	55	33%	BSRF	
45.06	150	47%	SSF	
45.07	145	31%	BSRF	
45.08	85	15%	BSRF	
45.09	40	5%	BSRF	
45.10	90	22%	BSRF	
45.11	150	38%	SSF	
45.12	150	6%	BSRF	
45.13	150	24%	BSRF	
45.14	150	33%	BSRF	

SHEET	45
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Barrier #	Slope Length (ft)	Slope %	Barrier Type
46.01	120	33%	BSRF
46.02	80	31%	BSRF
46.03	155	20%	BSRF
46.04	175	29%	BSRF
46.05	95	18%	BSRF
46.06	40	30%	BSRF
46.07	160	41%	SSF
46.08	120	33%	BSRF
46.09	170	32%	BSRF
46.10	90	20%	BSRF
46.11	150	30%	BSRF
46.12	150	13%	BSRF
46.13	120	33%	BSRF
46.14	175	33%	BSRF
46.15	150	40%	SSF
46.16	165	33%	BSRF
46.17	175	33%	BSRF
46.18	135	16%	BSRF
	SULL	Τ 16	

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
47.01	135	21%	BSRF	
47.02	145 16% BSRF		BSRF	
47.03	80	23%	BSRF	
47.04	140	31%	BSRF	
47.05	80	31%	BSRF	
47.06	165	24%	BSRF	
47.07	110	33%	BSRF	
47.08	145	37%	SSF	
47.09	75	27%	BSRF	
47.10	145	41%	SSF	
47.11	125	38%	SSF	
47.12	60	33%	BSRF	
47.13	100	21%	BSRF	
47.14	200	11%	BSRF	

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
48.01	190	21%	BSRF	
48.02	145	12%	BSRF	
48.03	65	17%	BSRF	
48.04	200	18%	BSRF	
48.05	155	22%	BSRF	
48.06	95	15%	BSRF	
48.07	170	22%	BSRF	
48.08	135	23%	BSRF	
48.09	200	20%	BSRF	
48.10	160	29%	BSRF	
48.11	95	27%	BSRF	

SHEET 48

Barrier#	Slope Length (ft)	Slope %	Barrier Type
49.01	150	30%	BSRF
49.02	190	17%	BSRF
49.03	145	26%	BSRF
49.04	80	50%	SSF
49.05	50	20%	BSRF
49.06	55	31%	BSRF
49.07	115	19%	BSRF
49.08	80	25%	BSRF
49.09	45	33%	BSRF
49.10	85	15%	BSRF
49.11	130	16%	BSRF
49.12	85	22%	BSRF
	SHEF	T 49	

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
50.01	100	26%	BSRF	
50.02	120	26%	BSRF	
50.03	155	32%	BSRF	
50.04	80	6%	BSRF	
50.05	145	30%	BSRF	
50.06	40	3%	BSRF	
50.07	20	15%	BSRF	
50.08	20	10%	BSRF	
50.09	165	18%	BSRF	
50.10	115	7%	BSRF	
50.11	145	33%	BSRF	
50.12	65	22%	BSRF	
50.13	75	33%	BSRF	
50.14	130	32%	BSRF	
50.15	145	24%	BSRF	
50.16	85	7%	BSRF	

Barrier #	Slope Length (ft)	Slope %	Barrier Type
51.01	105	15%	BSRF
51.02	125	22%	BSRF
51.03	100	25%	BSRF
51.04	55	33%	BSRF
51.05	145	33%	BSRF
51.06	115	32%	BSRF
51.07	135	24%	BSRF
51.08	75	27%	BSRF
51.09	20	20%	BSRF
51.10	20	20%	BSRF
51.11	70	33%	BSRF
51.12	65	12%	BSRF
51.13	50	28%	BSRF

SHEET	5(
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SYM.	DATE BY	ſ	REVISION INFORMATION	PROJECT/TASK APP.	SEAL		Environme
					ALL AND STEL	EI	Resources Manageme
					- Jangfins	DRAWN:	JEY
					03/17	CHECKED:	JH
					POLIST VIRGINIA	APP. FOR BID:	
					IN OWAL SIN	APP. FOR CONST	Т.:
	03/03/2017 JEY	Y	ISSUED FOR PERMITTING		- manner	SCALE:	AS NOTED

Barrier #	Slope Length (ft)	Slope %	Barrier Type
51.01	105	15%	BSRF
51.02	125	22%	BSRF
51.03	100	25%	BSRF
51.04	55	33%	BSRF
51.05	145	33%	BSRF
51.06	115	32%	BSRF
51.07	135	24%	BSRF
51.08	75	27%	BSRF
51.09	20	20%	BSRF
51.10	20	20%	BSRF
51.11	70	33%	BSRF
51.12	65	12%	BSRF
51.13	50	28%	BSRF
51.14	40	28%	BSRF
51.15	60	22%	BSRF
SHEET 51			

GENERAL NOTES AND COMMENTS:

HEET	50	

Barrier #	
53.01	
53.02	
53.03	
53.04	
53.05	
53.06	
53.07	
53.08	
53.09	

Barrier #	
54.01	
54.02	
54.03	
54.04	
54.05	
54.06	
54.07	
54.08	
54.09	
54.10	
54.11	
54.12	

Barrier #	
55.01	
55.02	
55.03	
55.04	
55.05	
55.06	
55.07	
55.08	
55.09	
55.10	
55.11	
55.12	
55.13	

Barrier #	Slope
56.01	
56.02	
56.03	
56.04	

Barrier #	S
52.01	
52.02	
52.03	
52.04	
52.05	
52.06	
52.07	
52.08	
52.09	
52.10	
52.11	
52.12	
52.13	
52.14	
52.15	
52.16	
52.17	
52.18	
52.19	

Slope Length (ft)	Slope %	Barrier Type
90	20%	BSRF
55	20%	BSRF
130	18%	BSRF
50	14%	BSRF
SHEE	TT 56	

BSRF

lope Length (ft)	Slope %	Barrier Type
145	21%	BSRF
90	16%	BSRF
115	12%	BSRF
145	28%	BSRF
275	20%	SSF
145	1%	BSRF
70	4%	BSRF
160	50%	SSF
145	50%	SSF
55	18%	BSRF
145	18%	BSRF
115	18%	BSRF
55	18%	BSRF

23% 125 SHEET 54

SHEET 55

Slope Length (ft)	Slope %	Barrier Type
140	29%	BSRF
130	8%	BSRF
145	23%	BSRF
80	31%	BSRF
170	24%	BSRF
95	28%	BSRF
175	13%	BSRF
95	11%	BSRF
45	20%	BSRF
150	26%	BSRF
180	24%	BSRF

Slope Length (ft)	Slope %	Barrier Type	
125	14%	BSRF	
130	4%	BSRF	
65	26%	BSRF	
105	22%	BSRF	
170	20%	BSRF	
105	6%	BSRF	
20	5%	BSRF	
150	25%	BSRF	
160	24%	BSRF	
SHEET 53			

lope Length (ft)	Slope %	Barrier Type
105	29%	BSRF
140	50%	SSF
150	33%	BSRF
55	7%	BSRF
35	6%	BSRF
40	10%	BSRF
40	10%	BSRF
40	3%	BSRF
170	26%	BSRF
145	18%	BSRF
25	8%	BSRF
70	27%	BSRF
150	30%	BSRF
150	33%	BSRF
135	33%	BSRF
75	33%	BSRF
65	23%	BSRF
80	26%	BSRF
80	11%	BSRF

135	33%	BSRF
75	33%	BSRF
65	23%	BSRF
80	26%	BSRF
80	11%	BSRF
SHEE	LT 52	

:)	Slope %	Barrier Type
	29%	BSRF
	50%	SSF
	33%	BSRF
	7%	BSRF
	6%	BSRF
	10%	BSRF
	10%	BSRF
	3%	BSRF
	26%	BSRF
	18%	BSRF
	8%	BSRF
	27%	BSRF
	30%	BSRF
	33%	BSRF
	33%	BSRF
	33%	BSRF

SHEET 60

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
61.01	50	14%	BSRF	
61.02	55	20%	BSRF	
61.03	75	33%	BSRF	
61.04	50	30%	BSRF	
61.05	140	14%	BSRF	
61.06	125	15%	BSRF	
61.07	180	12%	BSRF	
61.08	20	10%	BSRF	
61.09	20	10%	BSRF	
	SHEET 61			

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
60.01	100	18%	BSRF	
60.02	75	24%	BSRF	
60.03	65	31%	BSRF	
60.04	140	21%	BSRF	
60.05	55	31%	BSRF	
60.06	30	27%	BSRF	
60.07	90	18%	BSRF	
60.08	55	33%	BSRF	
60.09	90	18%	BSRF	
60.10	180	11%	BSRF	

SHEET 59

Barrier#	Slope Length (ft)	Slope %	Barrier Type	
59.01	90	28%	BSRF	
59.02	145	22%	BSRF	
59.03	135	21%	BSRF	
59.06	110	17%	BSRF	
59.07	90	33%	BSRF	
59.08	65	28%	BSRF	
59.09	30	13%	BSRF	
59.10	70	11%	BSRF	
59.11	70	11%	BSRF	
59.12	65	25%	BSRF	
59.13	100	30%	BSRF	
59.14	100	25%	BSRF	
59.15	120	20%	BSRF	

SHEET 58

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Barrier #	Slope Length (ft)	Slope %	Barrier Type
58.01	90	33%	BSRF
58.02	45	33%	BSRF
58.03	95	26%	BSRF
58.04	80	26%	BSRF
58.05	100	40%	SSF
58.06	70	30%	BSRF
58.07	65	31%	BSRF
58.08	100	33%	BSRF
58.09	85	33%	BSRF
58.10	45	31%	BSRF
58.11	50	32%	BSRF
58.12	45	29%	BSRF
58.13	60	7%	BSRF

SHEET 57

Barrier #	Slope Length (ft)	Slope %	Barrier Type
57.01	110	23%	BSRF
57.02	70	23%	BSRF
57.03	90	31%	BSRF
57.04	55	33%	BSRF
57.05	70	27%	BSRF
57.06	115	31%	BSRF
57.07	110	12%	BSRF
57.08	45	27%	BSRF
57.09	135	14%	BSRF

Barrier #	Slope Length (ft)	Slope %	Barrier Type
61A.01	100	20%	BSRF
61A.02	150	30%	BSRF
61A.03	120	21%	BSRF
61A.04	125	20%	BSRF
61A.05	125	8%	BSRF
61A.06	125	24%	BSRF
ΟΠΕΕΤ 61 Υ			

Barrier #	Slope Length (ft)	Slope %	Barrier Type
62.01	115	24%	BSRF
62.02	95	31%	BSRF
62.03	100	9%	BSRF
62.04	125	26%	BSRF
62.05	65	26%	BSRF
62.06	85	21%	BSRF
SHEET 62			

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
63.01	90	28%	BSRF	
63.02	135	25%	BSRF	
63.03	185	18%	BSRF	
63.04	50	26%	BSRF	
63.05	80	31%	BSRF	
63.06	135	27%	BSRF	
63.07	150	29%	BSRF	
63.08	60	10%	BSRF	
63.09	110	25%	BSRF	
63.10	55	25%	BSRF	
SHEET 63				

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Barrier#	Slope Length (ft)	Slope %	Barrier Type
64.01	60	28%	BSRF
64.02	85	25%	BSRF
64.03	175	12%	BSRF
64.04	120	25%	BSRF
64.05	85	16%	BSRF
64.06	145	8%	BSRF
64.07	55	27%	BSRF

Barrier #	Slope Length (ft)	Slope %	Barrier Type
65.01	120	28%	BSRF
65.02	190	22%	BSRF
65.03	180	3%	BSRF
65.04	150	15%	BSRF
65.05	100	14%	BSRF
65.06	190	26%	BSRF
65.07	150	22%	BSRF
65.08	190	24%	BSRF
65.09	190	22%	BSRF
65.10	180	27%	BSRF
65.11	200	40%	BSRF
65.12	100	49%	SSF
65.13	170	47%	SSF
65.14	75	47%	SSF
65.15	190	24%	BRSF
65.16	150	33%	BSRF
65.17	180	28%	BRSF
65.18	200	30%	BRSF
65.19	120	17%	BRSF
65.20	190	17%	BRSF
65.21	160	29%	BSRF
65.22	110	33%	BSRF
65.23	130	12%	BSRF
65.24	100	16%	BSRF
65.25	170	18%	BSRF
65.26	60	23%	BSRF
65.27	110	24%	BSRF
65.28	150	19%	BSRF
65.29	190	15%	BSRF
65.30	50	6%	BSRF
	SHEE	T 65	

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-	03/03/2017					

Atlantic Coast Pipeline, LLC

925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

	00/00/2011								
Н	03/03/2017	TITLE:		ATLA	NTIC CO	DAST P	IPELI	NE	
			EROSIO	N AND	SEDIM	ENT C	ONTR	OL TABLES	
		DISTRICT:	-	COUNTY:	-	STATE: WV	GROUP	DWG. NO.	REV.
NOTED		DIR/FILE:	A	CP\West Virg	ginia\Details	·	-	3 OF 6	0

Barrier #	
70.01	
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70.08	
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70.11	
70.12	

Barrier #	Slo
71.01	
71.02	
71.03	
71.04	
71.05	
71.06	

Barrier #	
72.01	
72.02	
72.03	
72.04	
72.05	

Barrier #	
73.01	
73.02	
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74.15	

GENERAL NOTES AND COMMENTS:	SYM.	DATE	E BY	Y REVISION INFORMATION	PROJECT/TASK APP.	SEAL		Environm	ental				•		
						ANNES A HEMAN	ERN	Resources Managem	ent		Atlantic Coast I 925 White Oaks Blvd. Bridgeport, Wes		,		
						12195	DRAWN:	JEY	03/03/2017	TITLE:		-			
						B 4 STATE OF STATE	CHECKED: APP. FOR BID:	JH	03/03/2017	-	ATLANTIC COA EROSION AND SEDIMEN				
						VIRG	APP. FOR BID.			DISTRICT:				DWG. NO.	REV.
		03/03/201	17 JEY	EY ISSUED FOR PERMITTING	· · ·	in the second	SCALE:	AS NOTED		DIR/FILE:	ACP\West Virginia\Details		- 4	4 OF 6	0

Barrier #	Slope Length (ft)	Slope %	Barrier Type
67.01	150	40%	SSF
67.02	125	28%	BSRF
67.03	155	19%	BSRF
67.04	75	27%	BSRF
67.05	150	33%	BSRF
67.06	150	33%	BSRF
67.07	150	33%	BSRF
67.08	150	41%	SSF
67.09	40	15%	BSRF
67.10	145	33%	BSRF
67.11	155	45%	SSF
67.12	75	48%	SSF
67.13	100	9%	BSRF
67.14	75	49%	SSF
67.15	100	26%	BSRF

SHEET 66

Barrier # Slope Length (ft) Slope %

180

150

200

110

150

180

120

20

150

160

190

200

155

50

85

100

90

60

140

150

80

180

125

40

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66.21 66.22

66.23 66.24

66.25

24%

28%

28%

18%

1%

2%

5%

5%

15%

16%

26%

33%

32%

30%

47%

50%

50%

48%

49%

50%

14%

16%

32%

33%

33%

Barrier Type

BSRF

SSF

SSF

SSF

SSF

SSF

SSF

BSRF

BSRF

BSRF

BSRF

BSRF

Barrier #	Slope Length (ft)	Slope %	Barrier Type					
68.01	45	33%	BSRF					
68.02	90	27%	BSRF					
SHEET 68								

Barrier #	Slope Length (ft)	Slope %	Barrier Type					
69.01	150	12%	BSRF					
69.02	120	7%	BSRF					
69.03	145	6%	BSRF					
69.04	150	5%	BSRF					
69.05	150	13%	BSRF					
69.06	145	17%	BSRF					
69.07	75	16%	BSRF					
69.08	125	18%	BSRF					
69.09	165	33%	BSRF					
69.10	140	18%	BSRF					
69.11	120	7%	BSRF					
69.12	150	19%	BSRF					
	SHEET 69							

Slope Length (ft)	Slope %	Barrier Type
150	4%	BSRF
160	6%	BSRF
150	4%	BSRF
140	24%	BSRF
150	25%	BSRF
150	45%	SSF
85	5%	BSRF
125	14%	BSRF
50	32%	BSRF
75	28%	BSRF
150	36%	SSF
SHEF	T 70	

SHEET (O

Slope %	Barrier Type
15%	BSRF
37%	SSF
33%	BSRF
44%	SSF
43%	SSF
26%	BSRF
ET 71	
	15% 37% 33% 44% 43%

Slope Length (ft)	Slope %	Barrier Type
150	40%	SSF
150	47%	SSF
75	48%	SSF
175	30%	BSRF
180	19%	BSRF
SHEE	T 72	

Slope Length (ft)	Slope %	Barrier Type
150	7%	BSRF
140	7%	BSRF
140	9%	BSRF
155	13%	BSRF
150	11%	BSRF
125	19%	BSRF
40	13%	BSRF
65	6%	BSRF
40	13%	BSRF
180	27%	BSRF
200	33%	BSRF
80	6%	BSRF
100	22%	BSRF
90	6%	BSRF
150	22%	BSRF
80	9%	BSRF
150	27%	BSRF
115	38%	SSF
SHEE	T 73	

Slope Length (ft)	Slope %	Barrier Type
165	30%	BSRF
90	31%	BSRF
110	18%	BSRF
90	24%	BSRF
170	33%	BSRF
120	20%	BSRF
175	23%	BSRF
175	7%	BSRF
150	20%	BSRF
200	8%	BSRF
115	14%	BSRF
150	40%	SSF
150	43%	SSF
150	33%	BSRF
140	21%	BSRF
SHEE	T 74	

Barrier #	Slope Length (ft)	Slope %	Barrier Type
75.01	160	4%	BSRF
75.02	110	5%	BSRF
75.03	150	5%	BSRF
75.04	115	11%	BSRF
75.05	80	18%	BSRF
75.06	85	20%	BSRF
75.07	120	21%	BSRF
75.08	150	25%	BSRF
75.09	200	10%	BSRF
75.10	45	22%	BSRF
75.11	105	43%	SSF
SHEET 75			

Barrier #	Slope Length (ft)	Slope %	Barrier Type
76.01	150	23%	BSRF
76.02	150	40%	SSF
76.03	150	40%	SSF
76.04	75	13%	BSRF
76.05	135	4%	BSRF
76.06	150	33%	BSRF
76.07	55	33%	BSRF
76.08	145	29%	BSRF
76.09	60	25%	BSRF
76.10	210	38%	SSF
76.11	150	40%	SSF
76.12	90	28%	BSRF
76.13	150	29%	BSRF
76.14	145	48%	SSF
76.15	230	37%	SSF
76.16	185	18%	BSRF
76.17	190	19%	BSRF
76.18	100	27%	BSRF
	SHEE	T 76	

Barrier #	Slope Length (ft)	Slope %	Barrier Type
77.01	125	32%	BSRF
77.02	60	33%	BSRF
77.03	70	21%	BSRF
77.04	170	29%	BSRF
77.05	170	26%	BSRF
SHEET 77			

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Barrier #	Slope Length (ft)	Slope %	Barrier Type	
78.01	100	28%	BSRF	
78.02	150	33%	BSRF	
78.03	155	32%	BSRF	
78.04	120	26%	BSRF	
78.05	130	19%	BSRF	
78.06	115	14%	BSRF	
78.07	200	9%	BSRF	
78.08	60	15%	BSRF	
	SHEET 78			

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
79.01	100	25%	BSRF	
79.02	70	27%	BSRF	
79.03	80	20%	BSRF	
79.04	105	18%	BSRF	
79.05	100	48%	SSF	
79.06	70	50%	SSF	
79.07	150	37%	SSF	
79.08	145	47%	SSF	
79.09	65	31%	BSRF	
79.10	20	10%	BSRF	
79.11	170	4%	BSRF	
79.12	130	15%	BSRF	
	SHEET 79			

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
80.01	20	10%	BSRF	
80.02	185	30%	BSRF	
80.03	145	28%	BSRF	
80.04	150	40%	SSF	
80.05	20	10%	BSRF	
80.06	260	42%	SSF	
80.07	200	5%	BSRF	
80.08	140	5%	BSRF	
80.09	55	7%	BSRF	
80.10	185	10%	BSRF	
80.11	145	32%	BSRF	
80.12	145	17%	BSRF	
80.13	145	31%	BSRF	
80.14	20	10%	BSRF	
	SHEET 80			

Barrier #	Slope Length (ft)	Slope %	Barrier Type
81.01	180	28%	BSRF
81.02	100	27%	BSRF
81.03	100	15%	BSRF
81.04	200	19%	BSRF
81.05	85	24%	BSRF
81.06	165	19%	BSRF
81.07	165	5%	BSRF
81.08	95	26%	BSRF
81.09	20	10%	BSRF
81.10	35	20%	BSRF
81.11	165	24%	BSRF
SHEET 81			

Barrier #	Slope Length (ft)	Slope %	Barrier Type
82.01	150	23%	BSRF
82.02	165	15%	BSRF
82.03	20	10%	BSRF
82.04	30	17%	BSRF
82.05	50	20%	BSRF
82.06	140	17%	BSRF
82.07	105	14%	BSRF
82.08	200	14%	BSRF
82.09	200	5%	BSRF
82.10	35	9%	BSRF
82.11	175	7%	BSRF
82.12	185	16%	BSRF
82.13	100	20%	BSRF
82.14	165	16%	BSRF
82.15	165	17%	BSRF
82.16	85	14%	BSRF
82.17	160	9%	BSRF
82.18	175	12%	BSRF

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Barrier #	Slope Length (ft)	Slope %	Barrier Type
82A.01	70	7%	BSRF
82A.02	200	5%	BSRF
82A.03	150	7%	BSRF
82A.04	200	7%	BSRF
82A.05	20	10%	BSRF
82A.06	80	39%	SSF
82A.07	165	24%	BSRF
82A.08	115	7%	BSRF
82A.09	100	18%	BSRF
82A.10	155	6%	BSRF
82A.11	145	12%	BSRF
82A.12	20	10%	BSRF

SHEET 8	32A
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Barrier #	Slope Length (ft)	Slope %	Barrier Type
83.01	95	26%	BSRF
83.02	80	11%	BSRF
83.03	70	17%	BSRF
83.04	90	42%	SSF
83.05	165	50%	SSF
83.06	175	29%	BSRF
83.07	45	11%	BSRF
83.08	100	10%	BSRF
83.09	165	32%	BSRF
83.10	115	30%	BSRF
83.11	100	10%	BSRF
83.12	110	21%	BSRF

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
84.01	125	16%	BSRF	
84.02	145	8%	BSRF	
84.03	200	11%	BSRF	
84.04	120	30%	BSRF	
84.05	85	45%	SSF	
84.06	175	20%	BSRF	
84.07	175	21%	BSRF	
84.08	170	25%	BSRF	
SHEET 84				

Barrier #	Slope Length (ft)	Slope %	Barrier Type
85.01	65	26%	BSRF
85.02	90	33%	BSRF
85.03	140	41%	SSF
85.04	150	33%	BSRF
85.05	75	33%	BSRF
85.06	60	23%	BSRF
85.07	100	15%	BSRF
85.08	125	28%	BSRF
85.09	130	31%	BSRF
85.10	100	28%	BSRF
85.11	75	33%	BSRF
85.12	150	33%	BSRF
85.13	150	33%	BSRF
85.14	150	19%	BSRF
85.15	85	5%	BSRF

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
86.01	190	8%	BSRF	
86.02	200	4%	BSRF	
86.03	150	23%	BSRF	
86.04	110	16%	BSRF	
86.05	120	19%	BSRF	
SHEET 86				

150 20	23%	BSRF
20		
	10%	BSRF
75	7%	BSRF
125	22%	BSRF
145	17%	BSRF
150	33%	BSRF
100	16%	BSRF
200	8%	BSRF
200	7%	BSRF
	125 145 150 100 200	125 22% 145 17% 150 33% 100 16% 200 8% 200 7%

Barrier #	
88.01	
88.02	
88.03	
88.04	
88.05	
88.06	

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
89.01	165	14%	BSRF	
89.02	100	50%	SSF	
89.03	75	17%	BSRF	
89.04	75	33%	BSRF	
89.05	35	23%	BSRF	
89.06	60	20%	BSRF	
89.07	130	15%	BSRF	
89.08	115	18%	BSRF	
89.09	175	23%	BSRF	
89.10	115	21%	BSRF	
89.11	100	33%	BSRF	
89.12	80	24%	BSRF	
89.13	145	31%	BSRF	
SHEET 89				

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Barrier #	Slope Length (ft)	Slope %	Barrier Type	
90.01	160	15%	BSRF	
90.02	150	33%	BSRF	
90.03	115	27%	BSRF	
90.04	180	7%	BSRF	
90.05	195	2%	BSRF	
90.06	85	6%	BSRF	
90.07	165	19%	BSRF	
SHEET 90				

Barrier #	Barrier # Slope Length (ft)	Slope %	Barrier Type		
91.01	165	15%	BSRF		
91.02	150	6%	BSRF		
91.03	155	8%	BSRF		
SHEET 91					

Barrier #	Slope Length (ft)	Slope %	Barrier Type		
92.01	75	24%	BSRF		
92.02	20	10%	BSRF		
92.03	175	33%	BSRF		
92.04	115	23%	BSRF		
92.05	140	16%	BSRF		
92.06	125 10%		BSRF		
92.07	165	12%	BSRF		
92.08	135	7%	BSRF		
92.09	175	15%	BSRF		
92.11	92.11 200		BSRF		
SHEET 92					

Barrier #	Slope Length (ft)	Slope %	Barrier Type		
93.01	180	0.06	BSRF		
93.02	115	0.10	BSRF		
93.03	135	0.17	BSRF		
93.04	135	0.10	BSRF		
93.05	20	0.10	BSRF		
93.06	115	0.09	BSRF		
93.07	93.07 35		BSRF		
93.08	93.08 115		BSRF		
93.09	120	0.26	BSRF		
93.10	120	0.27	BSRF		
93.11 120		0.11	BSRF		
SHEET 93					

GENERAL NOTES AND COMMENTS:	SYM. DATE BY	REVISION INFORMATION	PROJECT/TASK APP. SEAL		Environm	er
			INTER A HOUSE		Resources	3
			EISTER: 4	ER	M Managem	er
			and the second sec	DRAWN:	JEY	
			03/17	CHECKED:	JH	
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			SSIONAL ENGLIST	APP. FOR CONST.:		
	0 03/03/2017 JEY	ISSUED FOR PERMITTING		SCALE:	AS NOTED	

Slope Length (ft)	Slope %	Barrier Type
200	24%	BSRF
60	33%	BSRF
75	33%	BSRF
70	19%	BSRF
70	21%	BSRF
150	11%	BSRF
SHEE		

Barrier#	Slope Length (ft)	Slope %	Barrier Type	
94.01	145	0.11	BSRF	
94.02	170	0.16	BSRF	
94.03	80	0.05	BSRF	
94.04	200	0.04 0.05 0.10 0.14	BSRF	
94.05	65		BSRF	
94.06	145		BSRF BSRF	
94.07	100			
94.08	175	0.21	BSRF	
94.09	200	0.14 0.07	BSRF	
94.10	140		BSRF	
94.11	100	0.07	BSRF	

SHEET 94

Barrier#	Slope Length (ft)	Slope %	Barrier Type	
95.01	200	0.14	BSRF	
95.02	300	0.50	SSF	
95.03	145	0.30	BSRF	
95.04	150	0.50	SSF	
95.05	60	0.28	BSRF	
95.06	20	0.10	BSRF	
95.07	165	0.45	SSF	
95.08	145	0.29	BSRF	
95.09	35	0.11	BSRF	
95.10 95.11 95.12 95.13	20	0.10 0.25 0.32 0.50 0.10	BSRF	
	115		BSRF	
	125		BSRF	
	80		SSF	
95.14	95.14 20		BSRF	
95.15	45	0.24	BSRF	
95.16	80	0.48	SSF	
95.17	80	0.26	BSRF	
95.18	100	0.25	BSRF	

SHEET 95

Barrier #	Slope Length (ft)	Slope %	Barrier Type		
96.01	105	0.25	BSRF		
96.02	100	0.27	BSRF		
96.03	175	0.30	BSRF		
96.04	96.04 125		BSRF		
96.05	160	0.33	BSRF		
96.06	96.06 150		SSF		
96.07	96.07 200		BSRF		
96.08	115	0.03	BSRF		

Barrier #	Slope Length (ft)	Slope %	Barrier Type	
97.01	300	0.46	SSF	
97.02	300	0.49	SSF	
97.03	95	0.07	BSRF	
97.04	125	0.17	BSRF	
97.05	95	0.24	BSRF	
97.06	115	0.32	BSRF	
97.07	90	0.17	BSRF	
97.08	97.08 120		BSRF	
97.09	150	0.17	BSRF	
97.10	140	0.21	BSRF	
97.11	120	0.13	BSRF	
SHEET 97				

Barrier #	Slope Length (ft)	Slope %	Barrier Type		
98.01	150	0.33	BSRF		
98.02	100	0.21	BSRF		
98.03	145	0.11	BSRF		
98.04	105	0.22	BSRF		
98.05	150	0.33	BSRF		
98.06	150	0.33	BSRF		
98.07	165	0.18	BSRF		
98.08	50	0.08	BSRF		
98.09	50	0.08	BSRF		
98.10	75	0.33	BSRF		
98.11	125	0.45	SSF		
98.12	150	0.27	BSRF		
98.13	145	0.17	BSRF		
98.14	20	0.10	BSRF		
98.15	120	0.11	BSRF		
98.16	130	0.04	BSRF		
SHEET 98					

Barrier #	Slope Length (ft)	Slope %	Barrier Type		
99.01	70	0.26	BSRF		
99.02	60	0.22	BSRF		
99.03	155	0.39	SSF		
99.04	145	0.23	BSRF		
99.05	145	0.41	SSF		
99.06	145	0.37	SSF		
99.07	110	0.05	BSRF		
99.08	120	0.13	BSRF		
99.09	185	0.30	BSRF		
99.10	165	0.33	BSRF		
99.11	150	0.50	SSF		
99.12	135	0.50	SSF		
99.13	75	0.47	SSF		
99.14	50	0.10	BSRF		
99.15	85	0.02	BSRF		
99.16	20	0.10	BSRF		
99.17	20	0.10	BSRF		
99.18	40	0.05	BSRF		
99.19	20	0.10	BSRF		
99.20	20	0.10	BSRF		
99.21	145	0.14	BSRF		
SHEET 99					

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Barrier #	Slope Length (ft)	Slope %	Barrier Type
100.01	90	0.14	BSRF
100.02	20	0.10	BSRF
100.03	20	0.10	BSRF
100.04	200	0.05	BSRF
100.05	200	0.05	BSRF
100.06	200	0.08	BSRF
100.07	125	0.06	BSRF
100.08	125	0.06	BSRF
100.09	65	0.14	BSRF
100.10	95	0.12	BSRF
100.11	65	0.12	BSRF
100.12	50	0.12	BSRF
	SULL	Τ 100	

SHEET	100

Barrier #	Slope Length (ft)	Slope %	Barrier Type		
101.01	180	0.08	BSRF		
101.02	100	0.07	BSRF		
101.03	20	0.10	BSRF		
101.04	165	0.07	BSRF		
101.05	100	0.10	BSRF		
101.06	105	0.07	BSRF		
101.07	115	0.05	BSRF		
101.08	130	0.06	BSRF		
101.09	100	0.35	32 in		
101.10	165	0.09	18 in		
101.11	140	0.20	BSRF		
101.12	170	0.23	BSRF		
101.13	150	0.33	BSRF		
101.14	95	0.23	BSRF		
101.15	140	0.29	BSRF		
101.16	135	0.26	BSRF		
SHEET 101					

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н	03/03/2017	TITLE:		ATLA	NTIC C	OAST P	IPELI	NE	
		E	ROSIO	N AND	SEDI	MENT C	ONTR	OL TABLES	
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Barrier#	Slope Length (ft)	Slope %	Barrier Type
102.01	165	0.18	BSRF
102.02	105	0.14	BSRF
102.03	110	0.18	BSRF
102.04	150	0.33	BSRF
102.05	150	0.07	BSRF
102.06	165	0.38	SSF
102.07	170	0.11	BSRF
102.08	65	0.18	BSRF
102.09	80	0.14	BSRF
102.10	100	0.13	BSRF
102.11	70	0.06	BSRF

SHEET 102

Barrier #	Slope Length (ft)	Slope %	Barrier Type
103.01	100	0.13	BSRF
103.02	45	0.04	BSRF
103.03	130	0.13	BSRF
103.04	135	0.14	BSRF
103.05	95	0.19	BSRF
103.06	25	0.08	BSRF
103.07	100	0.12	BSRF
103.08	85	0.14	BSRF
103.09	85	0.33	BSRF
103.10	75	0.23	BSRF
103.11	95	0.22	BSRF

SHEET 103

Barrier #	Slope Length (ft)	Slope %	Barrier Type
104.01	105	0.33	BSRF
104.02	85	0.32	BSRF
104.03	75	0.31	BSRF
104.04	110	0.33	BSRF
104.05	110	0.23	BSRF
104.06	110	0.33	BSRF
104.07	110	0.33	BSRF
104.08	50	0.24	BSRF
104.09	130	0.24	BSRF
104.10	80	0.31	BSRF
104.11	80	0.31	BSRF

SHEET 104

Barrier #	Slope Length (ft)	Slope %	Barrier Type
105.01	105	0.27	BSRF
105.02	95	0.26	BSRF
105.03	125	0.32	BSRF
105.04	85	0.19	BSRF
105.05	70	0.20	BSRF
105.06	145	0.03	BSRF
105.07	150	0.03	BSRF
105.08	20	0.10	BSRF
105.09	80	0.48	SSF
105.10	95	0.18	BSRF
105.11	105	0.31	BSRF
105.12	100	0.19	BSRF
105.13	145	0.06	BSRF
105.14	95	0.13	BSRF
105.15	135	0.11	BSRF
105.16	90	0.42	SSF
105.17	105	0.25	BSRF

Barrier #	Slope Length (ft)	Slope %	Barrier Type
106.01	145	21%	BSRF
106.02	150	29%	BSRF
106.03	125	32%	BSRF
106.04	95	23%	BSRF
106.05	150	33%	BSRF
106.06	115	18%	BSRF
106.07	85	46%	SSF
106.08	125	49%	SSF
106.09	85	46%	SSF
106.10	80	50%	SSF
106.11	135	30%	BSRF
106.12	140	15%	BSRF
106.13	115	16%	BSRF
106.14	145	20%	BSRF
106.15	100	12%	BSRF

Barrier #	
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Barrier #	
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Barrier #
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GENERAL NOTES AND COMMENTS:	SYM.	DATE	BY	
		03/03/2017	JEY	

SHEET 106

Slope Length (ft)	Slope %	Barrier Type
185	19%	BSRF
85	15%	BSRF
85	13%	BSRF
120	21%	BSRF
165	19%	BSRF
100	23%	BSRF
140	19%	BSRF
80	30%	BSRF
120	13%	BSRF
140	23%	BSRF
60	7%	BSRF
115	30%	BSRF
80	21%	BSRF
80	21%	BSRF
155	25%	BSRF
140	29%	BSRF
145	23%	BSRF

SHEET 107

Slope Length (ft)	Slope %	Barrier Type
90	33%	BSRF
200	25%	BSRF
195	20%	BSRF
95	21%	BSRF
90	19%	BSRF
150	33%	BSRF
135	33%	BSRF
145	29%	BSRF
150	33%	BSRF
125	24%	BSRF
80	28%	BSRF
70	33%	BSRF
70	33%	BSRF
140	27%	BSRF

SHEET 108

Slope Length (ft)	Slope %	Barrier Type
120	32%	BSRF
70	21%	BSRF
145	36%	SSF
155	43%	SSF
120	25%	BSRF
120	12%	BSRF
50	14%	BSRF
55	31%	BSRF
90	26%	BSRF

SHEET 109

Barrier #	Slope Length (ft)	Slope %	Barrier Type
110.01	75	27%	BSRF
110.02	85	27%	BSRF
110.03	75	21%	BSRF
110.04	110	30%	BSRF
110.05	70	21%	BSRF
110.06	115	21%	BSRF
110.07	50	20%	BSRF
110.08	45	22%	BSRF

SHEET 110

Barrier #	Slope Length (ft)	Slope %	Barrier Type
111.01	65	18%	BSRF
111.02	55	13%	BSRF
111.03	50	32%	BSRF
111.04	120	29%	BSRF
111.05	85	8%	BSRF
111.06	110	8%	BSRF
111.07	145	12%	BSRF
111.08	135	27%	BSRF

REVISION INFORMATION	PROJECT/TASK	APP.	SEAL		Enviro
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			STAN GISTER	ERM	Manag
			2. Just fine	DRAWN:	JEY
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onme urces geme		-				A		e, LLC 681-842-8000		
	03/03/2017		020 Will			, weet ingit				
	03/03/2017 TITLE: ATLANTIC COAST					PIPELINE				
		E	ROSIO	N AND	SEDIN	IENT C	ONTR	OL TABLES		
		DISTRICT:	-	COUNTY:	-	STATE: WV	GROUP	DWG. NO.	REV.	
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