

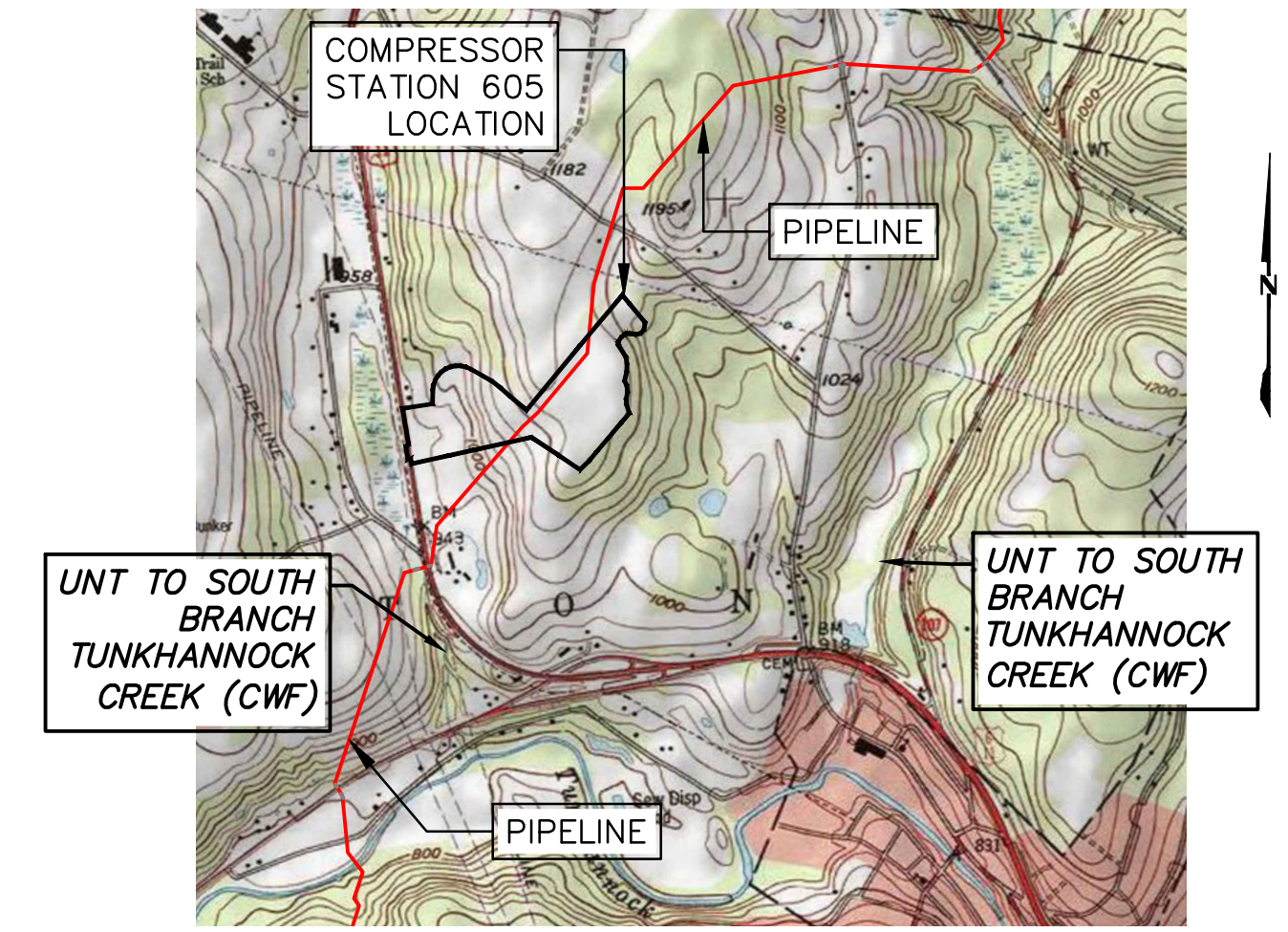
ATLANTIC SUNRISE PROJECT PROPOSED 30" NATURAL GAS PIPELINE

SOIL EROSION & SEDIMENT CONTROL AND LAYOUT PLANS FOR COMPRESSOR STATION 605

PHASE 1

CLINTON TOWNSHIP
WYOMING COUNTY

PENNSYLVANIA



USGS FACTORYVILLE QUADRANGLE

VICINITY MAP

SCALE: 1"=2,000'

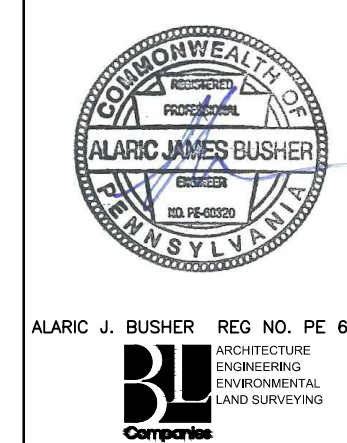
FACILITY NAME & TYPE	DRAWING NO.	SHEET NO.	DRAWING NAME
CS-605 COMPRESSOR STATION	(66-0605)F-1A-11	1 of 14	COVER SHEET REVISED
	(66-0605)F-1A-11	2 of 14	EXISTING CONDITIONS OVERALL PLAN
	(66-0605)F-1A-11	3 of 14	BMP DRAINAGE AREA MAP
	(66-0605)F-1A-11	4 of 14	DRAINAGE AREA MAP - SWALES
	(66-0605)F-1A-11	5 of 14	SOIL EROSION & SEDIMENT CONTROL OVERALL PLAN
	(66-0605)F-1A-11	6 of 14	SOIL EROSION & SEDIMENT CONTROL PLAN REVISED
	(66-0605)F-1A-11	7 of 14	SOIL EROSION & SEDIMENT CONTROL PLAN
	(66-0605)F-1A-11	8 of 14	SOIL EROSION & SEDIMENT CONTROL PLAN REVISED
	(66-0605)F-1A-11	9 of 14	SOIL EROSION & SEDIMENT CONTROL NOTES
	(66-0605)F-1A-11	10 of 14	SOIL EROSION & SEDIMENT CONTROL NOTES
	(66-0605)F-1A-11	11 of 14	SOIL EROSION & SEDIMENT CONTROL NOTES AND DETAILS
	(66-0605)F-1A-11	12 of 14	SOIL EROSION & SEDIMENT CONTROL DETAILS
	(66-0605)F-1A-11	13 of 14	SOIL EROSION & SEDIMENT CONTROL DETAILS REVISED
	(66-0605)F-1A-11	14 of 14	SOIL EROSION & SEDIMENT CONTROL DETAILS

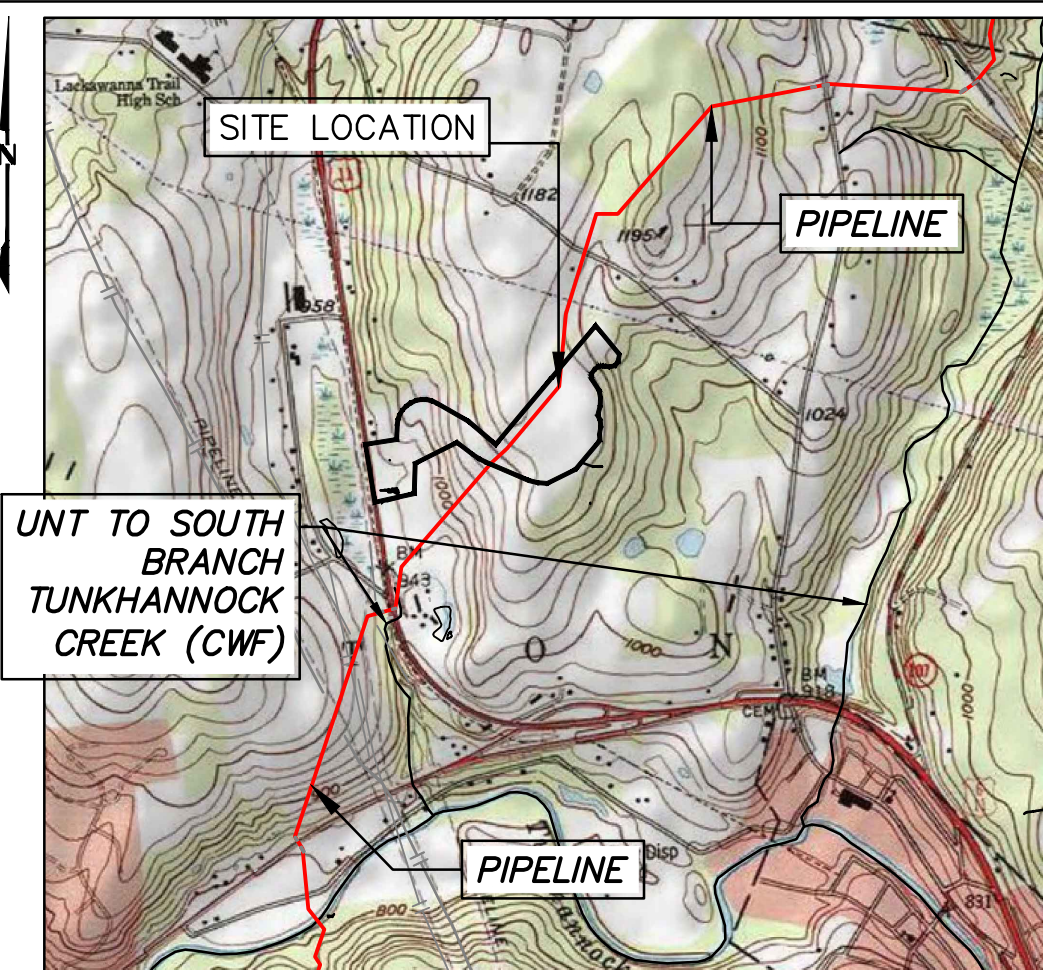


PENNSYLVANIA ACT 287 (1974)
AS AMENDED BY PENNSYLVANIA
ACT 199 (2004) REQUIRES NO
LESS THAN THREE (3) WORKING
DAYS AND NO MORE THAN (10)
WORKING DAYS NOTICE TO
UTILITIES BEFORE YOU EXCAVATE,
DRILL, BLAST OR DEMOLISH.

ENGINEER OF RECORD
BL COMPANIES
4242 CARLISLE PIKE, SUITE 260
CAMP HILL, PA 17011
P:717-651-9850
F:717-651-9858

REVISIONS						TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC			
NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.	ATLANTIC SUNRISE PROJECT- PROPOSED 30" NATURAL GAS PIPELINE		
0	08/26/2015	BL	ISSUED FOR PADEP SUBMITTAL	W0161497	DAK	AJB	SOIL EROSION & SEDIMENT CONTROL AND LAYOUT PLANS		
1	12/02/2015	BL	ISSUED FOR PADEP RESUBMITTAL	W0161497	DAK	AJB	FOR COMPRESSOR STATION 605		
2	05/27/2016	BL	UPDATED PER BASIC SYSTEMS DESIGN COORDINATION	W0161497	AJB	AJB	CLINTON TOWNSHIP, WYOMING COUNTY, PENNSYLVANIA		
3	Oct. 2016	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #1	W0161497	AJB	AJB	COVER SHEET		
4	April 2017	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #2	W0161497	AJB	AJB			
5	August 2017	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #3	W0161497	AJB	AJB			
						DRAWN BY: JEC DATE: 04/03/15 ISSUED FOR BID: SCALE: AS NOTED CHECKED BY: AJB DATE: 04/03/15 ISSUED FOR CONSTRUCTION: REVISION: 5 APPROVED BY: AJB DATE: 07/17/15 DRAWING NUMBER: (66-0605)F-1A-11 SHEET 1 W.O. NUMBER: 1161497 OF 14			





LOCATION MAP

USGS FACTORYVILLE QUADRANGLE
SCALE: 1"=2,000'

LEGEND

- PROPOSED FEATURES**
- MAJOR CONTOUR (10' INTERVAL)
 - MINOR CONTOUR (2' INTERVAL)
 - - - MINOR CONTOUR (1' INTERVAL)
 - - - TEMPORARY CONTOUR (2' INTERVAL)
 - LOD — LIMIT OF DISTURBANCE (COMPRESSOR STATION 605)
 - - - LIMIT OF WORKSPACE (OVERALL PIPELINE PROJECT)
 - ESCGP2 — ESCGP-2 PERMIT BOUNDARY (OVERALL PIPELINE PROJECT)
 - FD — FD — FILTER SOCK DIVERSION
 - SS — SS — SEDIMENT BARRIER
 - X — X — ORANGE CONSTRUCTION FENCE
 - — CENTERLINE GAS PIPELINE
 - — SWALE LINING
 - — EROSION CONTROL BLANKET
 - — ROCK OUTLET/RIPRAP APRON
 - (X) — SEDIMENT BARRIER DESIGNATION (SEE SHEET 13)
 - — ROCK CONSTRUCTION ENTRANCE
 - — BAFFLE
 - — TRM LINING
 - — CLAY CORE LIMITS

SITE SOIL TYPES

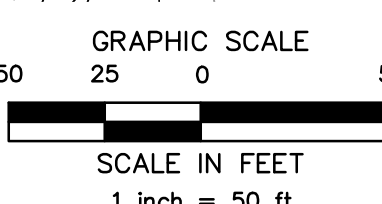
- MrB MORRIS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES
- MrC MORRIS CHANNERY SILT LOAM, 8 TO 18 PERCENT SLOPES
- MrB MORRIS FLAGGY LOAM, 3 TO 8 PERCENT SLOPES
- MrC MORRIS FLAGGY LOAM, 8 TO 15 PERCENT SLOPES
- NrB NORWICH AND CHIPPEWA CHANNERY SILT LOAMS, 3 TO 8 PERCENT SLOPES
- OcC OQUAGA CHANNERY LOAM, 8 TO 15 PERCENT SLOPES
- OcD OQUAGA CHANNERY LOAM, 15 TO 25 PERCENT SLOPES
- OIB OQUAGA FLAGGY LOAM, 3 TO 8 PERCENT SLOPES
- WcC WELLSBORO CHANNERY LOAM, 8 TO 15 PERCENT SLOPES
- WcD WELLSBORO CHANNERY LOAM, 15 TO 25 PERCENT SLOPES

LIMIT OF DISTURBANCE

AREA OF THE LIMIT OF DISTURBANCE IS:
±2,207,621 SF/ 50.68 AC.

**RECEIVING WATERCOURSE -
CHAPTER 93 DESIGNATION**

THE RECEIVING WATERCOURSE FOR DRAINAGE AREAS A AND B IS AN UNNAMED TRIBUTARY TO SOUTH BRANCH TUNKHANNOCK CREEK, CWF. APPROXIMATE DISTANCE FROM SITE: ±200 FT (WEST)
THE RECEIVING WATERCOURSE FOR DRAINAGE AREA C IS AN UNNAMED TRIBUTARY TO SOUTH BRANCH TUNKHANNOCK CREEK, CWF. APPROXIMATE DISTANCE FROM SITE: ±2000 FT (EAST)

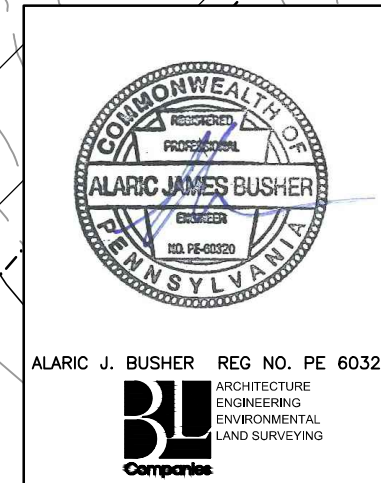


SCALE IN FEET
1 inch = 50 ft.

MATCH LINE: SEE SHEET NO. 7



Drawn By & Date/Time: Jfjones Jul 26, 2017 - 10:51am
Drawing Location & Name: G:\00514\14C\14C4909\DWG\010-CPLN\FCS_EC14C4909(10)_605.dwg

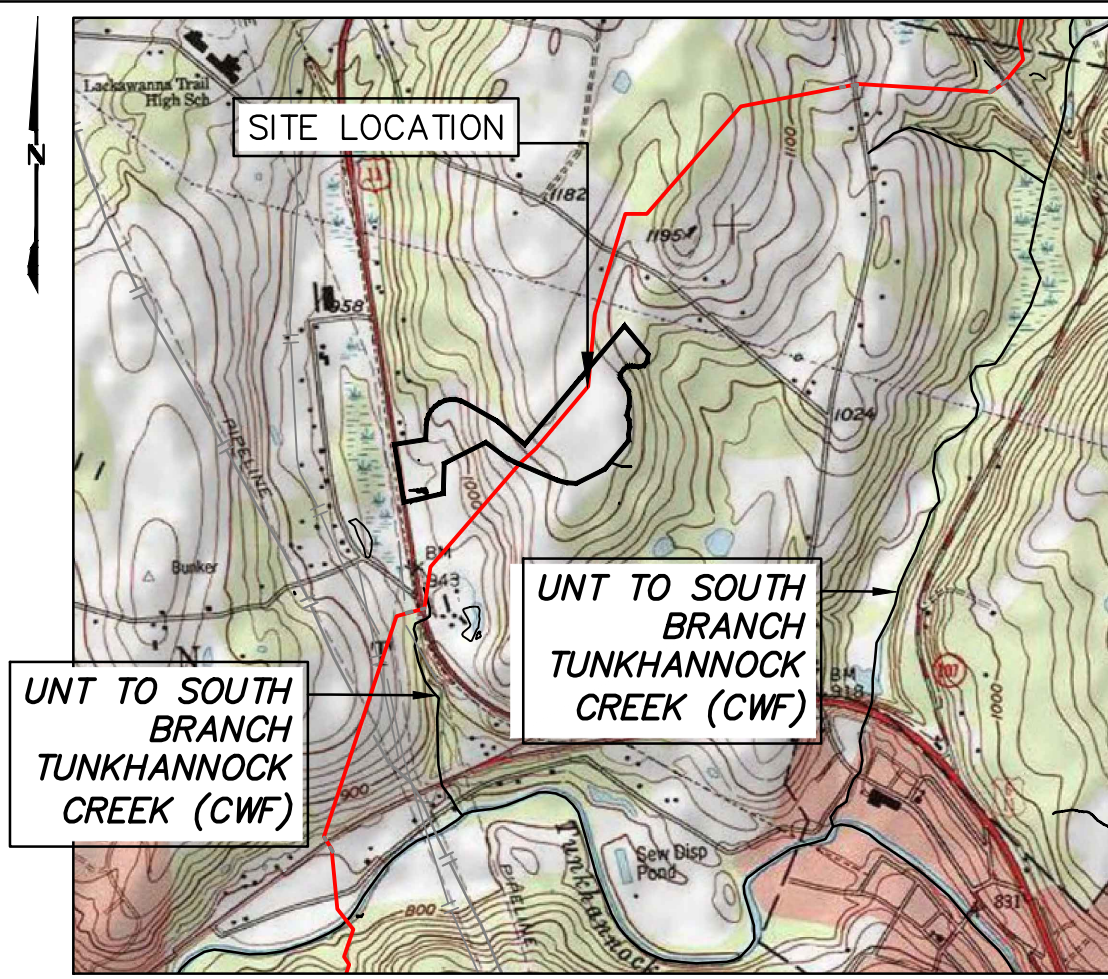
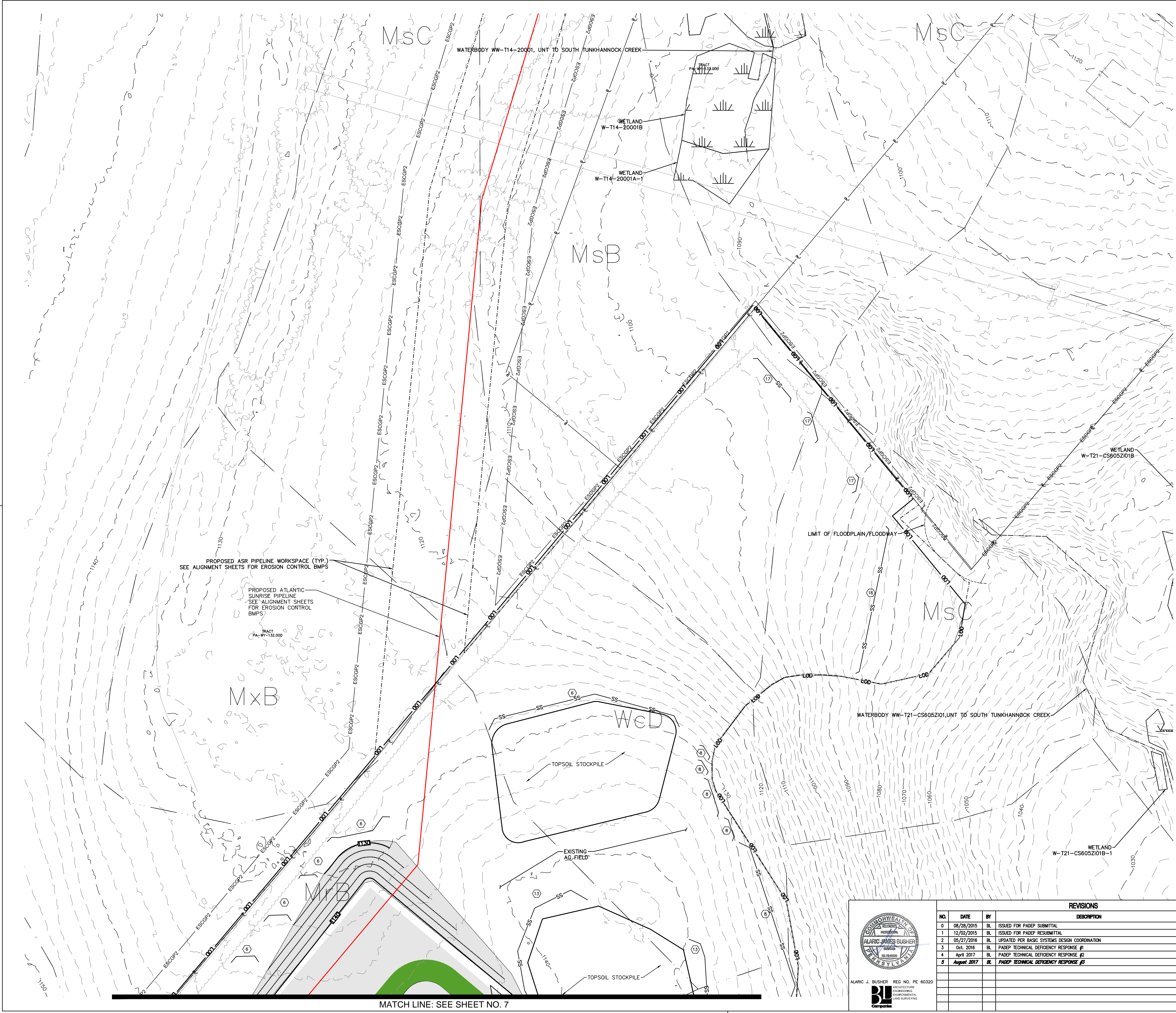


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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC			
ATLANTIC SUNRISE PROJECT- PROPOSED 30" NATURAL GAS PIPELINE			
SOIL EROSION & SEDIMENT CONTROL AND LAYOUT PLANS			
FOR COMPRESSOR STATION 605			
CLINTON TOWNSHIP, WYOMING COUNTY, PENNSYLVANIA			
SOIL EROSION & SEDIMENT CONTROL PLAN			
DRAWN BY:	ADE	DATE:	04/03/15
CHECKED BY:	AJB	DATE:	04/03/15
APPROVED BY:	AJB	DATE:	07/17/15
W.D. NO.:	1161497	SCALE:	AS NOTED
ISSUED FOR:	CONSTRUCTION	REVISION:	5
DRAWING NUMBER:	(66-0605)F-1A-11	SHEET:	6
		OF:	14



Drawn By & Date/Time: Jrfones Jul 26, 2017 - 10:52am
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LOCATION MAP
 USGS FACTORYVILLE QUADRANGLE
 SCALE: 1"=2,000'

LEGEND

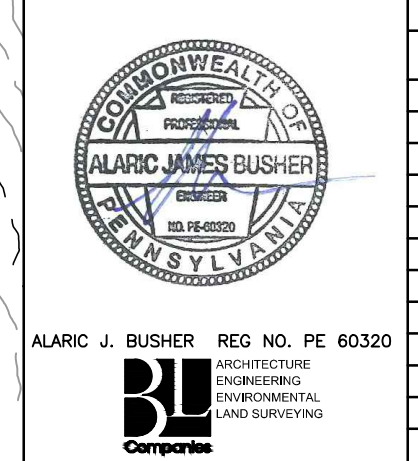
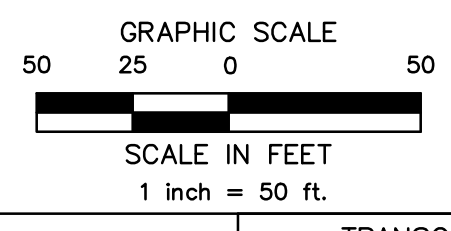
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 - LIMIT OF WORKSPACE (OVERALL PIPELINE PROJECT)
 - ESCOP2-2 PERMIT BOUNDARY (OVERALL PIPELINE PROJECT)
 - FD FILTER SOCK DIVERSION
 - SS SEDIMENT BARRIER
 - X ORANGE CONSTRUCTION FENCE
 - CENTERLINE GAS PIPELINE
 - SWALE LINING
 - EROSION CONTROL BLANKET
 - ROCK OUTLET/RIPRAP APRON
 - SEDIMENT BARRIER DESIGNATION (SEE SHEET 15)
 - ROCK CONSTRUCTION ENTRANCE
 - BAFFLE
 - GRAVEL COVER
 - ACCESS ROAD/STREET SWEEP AREA
 - LIMIT OF FLOODWAY/FLOODPLAIN LINE

SITE SOIL TYPES

- MrB MORRIS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES
- MrC MORRIS CHANNERY SILT LOAM, 8 TO 18 PERCENT SLOPES
- MxB MORRIS FLAGGY LOAM, 3 TO 8 PERCENT SLOPES
- MsC MORRIS FLAGGY LOAM, 8 TO 15 PERCENT SLOPES
- NcB NORMICH AND CHIPPEWA CHANNERY SILT LOAMS, 3 TO 8 PERCENT SLOPES
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- OcD OQUAGA CHANNERY LOAM, 15 TO 25 PERCENT SLOPES
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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC			
ATLANTIC SUNRISE PROJECT- PROPOSED 30" NATURAL GAS PIPELINE			
SOIL EROSION & SEDIMENT CONTROL AND LAYOUT PLANS			
FOR COMPRESSOR STATION 605			
CLINTON TOWNSHIP, WYOMING COUNTY, PENNSYLVANIA			
SOIL EROSION & SEDIMENT CONTROL PLAN			
DRAWN BY:	ADE	DATE:	04/03/15
CHECKED BY:	AJB	DATE:	04/03/15
APPROVED BY:	AJB	DATE:	07/17/15
W.D.:	1161497	DRAWING NUMBER:	(66-0605)F-1A-11
ISSUED FOR BID:		SCALE:	AS NOTED
ISSUED FOR CONSTRUCTION:		REVISION:	5
			SHEET 8 OF 14



MATCH LINE: SEE SHEET NO. 7

FILTER SOCK MEDIA STANDARDS

WOOD CHIP FILTER MEDIA STANDARD SPECIFICATIONS FOR WOOD CHIP FILTER SOCKS

- A. WOOD CHIPS USED FOR FILTER SOCKS SHALL BE WEED FREE AND DERIVED FROM CHOPPED TREE MATERIAL.
- B. PARTICLE SIZE - LESS THAN OR EQUAL TO 5 IN WITH 95% PASSING A 2 IN (50MM) SIEVE AND LESS THAN 30% PASSING A 1 IN (25MM) SIEVE.
- C. WOOD CHIPS SHALL NOT INCLUDE PAINTED, CREOSOTED, PRESSURE TREATED, OR ANY OTHER COATED OR EMBEDDED WOOD MATERIAL AND SHALL BE FREE OF INERT OR FOREIGN MAN MADE MATERIALS.
- D. A SAMPLE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO BEING USED AND MUST COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

GROWING MEDIA STANDARD SPECIFICATIONS FOR FILTER SOCK DIVERSIONS

MATERIAL
COMPOSTED PRODUCTS USED FOR FILTER SOCK DIVERSION SHALL BE WEED FREE AND DERIVED FROM A WELL-DECOMPOSED SOURCE OF ORGANIC MATTER. THE COMPOSTED PRODUCTS SHALL BE PRODUCED USING AN AEROBIC COMPOSTING PROCESS MEETING USEPA CFR 503 REGULATIONS (IN CANADA: M.O.E. 101, C.C.M.E. TYPE "A" AND TYPE "AA" REGULATIONS), INCLUDING TIME AND TEMPERATURE DATA INDICATING EFFECTIVE WEED SEED, PATHOGEN AND INSECT LARVAE KILL. THE COMPOSTED PRODUCTS SHALL BE FREE OF ANY REFUSE, CONTAMINANTS OR OTHER MATERIALS TOXIC TO PLANT GROWTH. NON-COMPOSTED PRODUCTS WILL NOT BE ACCEPTED. TEST METHODS FOR THE ITEMS BELOW SHOULD FOLLOW USCC TMECC GUIDELINES FOR LABORATORY PROCEDURES:

SECTION
A. PH - 5.0-8.0 IN ACCORDANCE WITH TMECC 04.11-A, "ELECTROMETRIC PH DETERMINATIONS FOR COMPOST"
B. MOISTURE CONTENT OF LESS THAN 60% IN ACCORDANCE WITH STANDARDIZED TEST METHODS FOR MOISTURE DETERMINATION.

C. COMPOST MATERIAL TO BE USED IN FILTER SOCK DIVERSION AND WHERE SEEDING AND/OR LIVE STAKES ARE SPECIFIED; ON LOW GRADE SLOPES WHERE VEGETATION ESTABLISHMENT IS THE PRIORITY; OR WHERE RAINWATER ABSORPTION, WATER HOLDING CAPACITY, RUNOFF REDUCTION AND INFILTRATION ARE THE PRIORITY SHALL MEET THE FOLLOWING PARTICLE SIZE DISTRIBUTION:

PARTICLE SIZES - 100% PASSING A 2 IN (50MM) SIEVE, 99% PASSING A 1 IN (25MM) SIEVE, MINIMUM OF 60% PASSING A 1/2 IN (12.5MM) SIEVE IN ACCORDANCE WITH TMECC 02.02-B, "SAMPLE SIEVING FOR AGGREGATE SIZE CLASSIFICATION".

D. MATERIAL SHALL BE RELATIVELY FREE (<1% BY DRY WEIGHT) OF INERT OR FOREIGN MAN MADE MATERIALS.

E. A SAMPLE SHALL BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO BEING USED AND MUST COMPLY WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS.

OPTION A: EROSION CONTROL

FOR VEGETATED APPLICATIONS WHERE SLOPE GRADES ARE GREATER THAN 3:1, WHERE SHEET RUNOFF RATE OR VELOCITY MAY BE HIGH, OR RAINFALL RATE/INTENSITY MAY BE HIGH.

SUBSTITUTION FOR SECTION C. PARTICLE SIZE OF COMPOST FILTER SOCK DIVERSION SHALL USE THE FOLLOWING PARTICLE SIZE DISTRIBUTION SPECIFICATION: 99% PASSING A 1 IN (25MM) SIEVE, MAXIMUM OF 50% PASSING A 1/2 IN (12.5MM) SIEVE.

OPTION B: NON-VEGETATED TEMPORARY EROSION CONTROL

FOR NON-VEGETATED APPLICATIONS WHERE SLOPE GRADES ARE GREATER THAN 3:1, WHERE SHEET RUNOFF RATE OR VELOCITY MAY BE HIGH, OR RAINFALL RATE/INTENSITY MAY BE HIGH.

SUBSTITUTION FOR SECTION C. PARTICLE SIZE OF COMPOST FILTER SOCK DIVERSION SHALL USE THE FOLLOWING PARTICLE SIZE DISTRIBUTION SPECIFICATION: 99% PASSING A 3 IN (75MM) SIEVE AND A MAXIMUM OF 30% PASSING A 1/2 IN (12.5MM) SIEVE.

SEDIMENT BARRIER DESIGNATION	SEDIMENT BARRIER TYPE
1	18 INCH FILTER SOCK
2	12 INCH FILTER SOCK
3	32 INCH FILTER SOCK
4	24 INCH FILTER SOCK
5	24 INCH FILTER SOCK
6	32 INCH FILTER SOCK
7*	12 INCH FILTER SOCK
8	18 INCH FILTER SOCK
10*	12 INCH FILTER SOCK
12	12 INCH FILTER SOCK
13*	12 INCH FILTER SOCK
14	12 INCH FILTER SOCK
15	24 INCH FILTER SOCK
16	32 INCH FILTER SOCK
17	12 INCH FILTER SOCK

* STOCKPILE

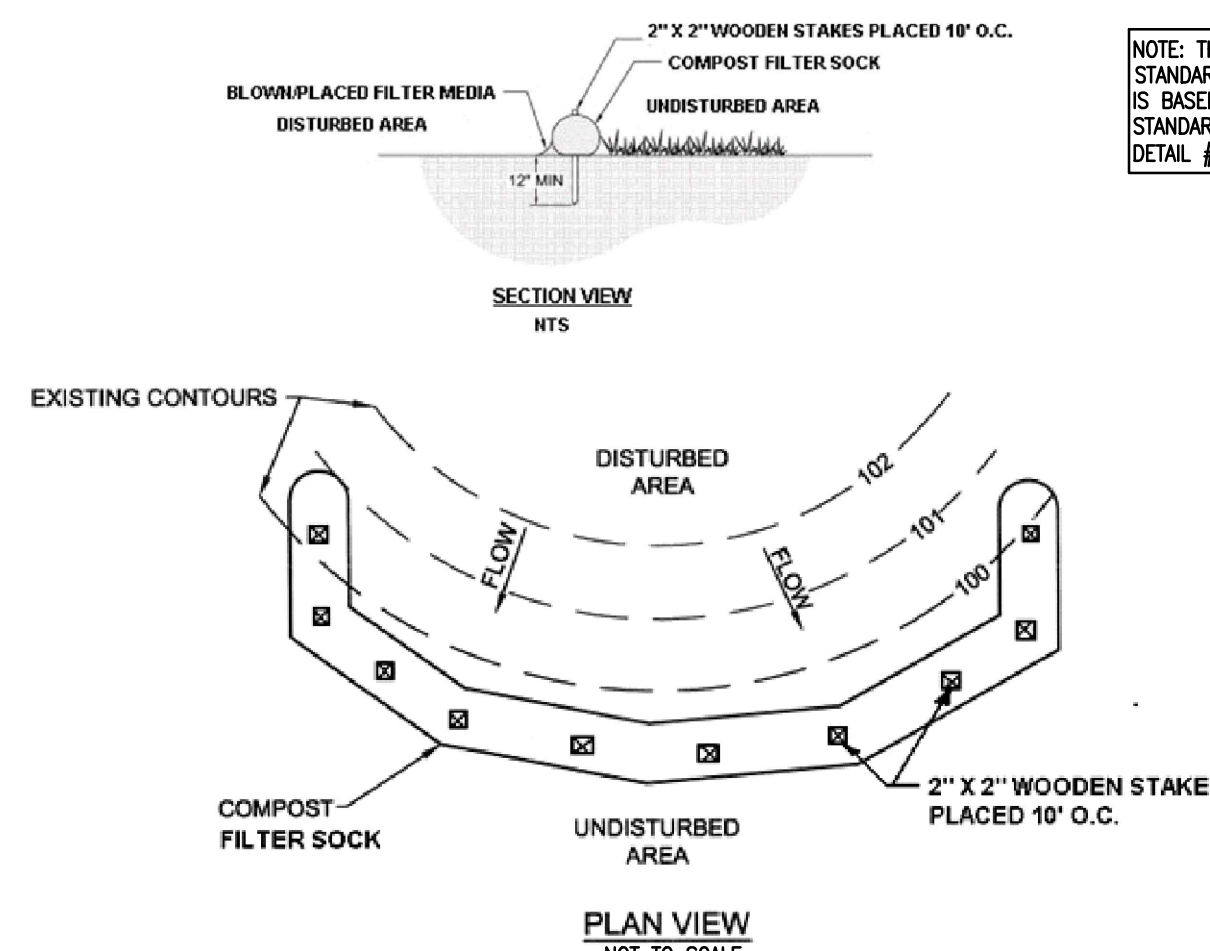
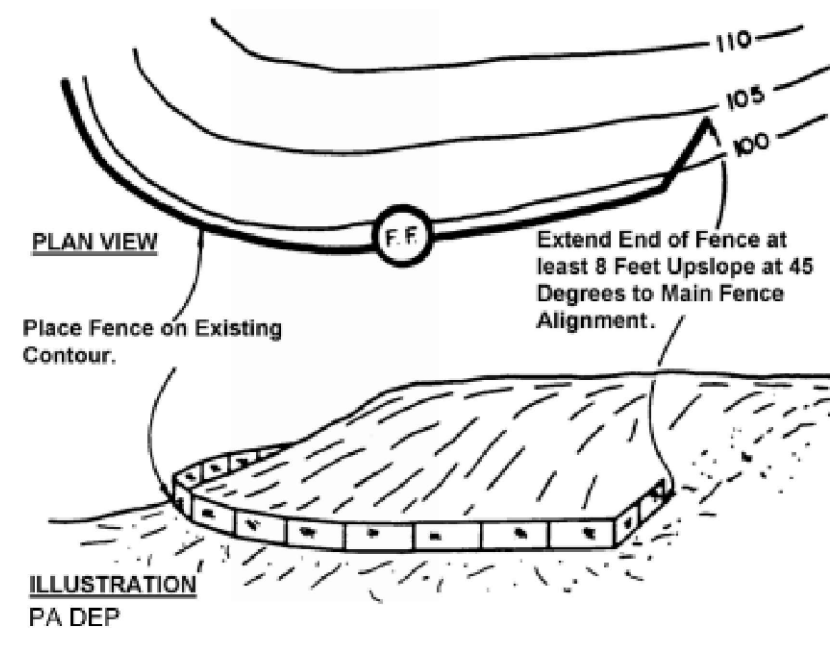


FIGURE 4.1
Sediment Barrier Alignment



COMPOST FILTER SOCK

N.T.S. 1 OF 3

NOTE: THIS WILLIAMS STANDARD DETAIL IS BASED ON PADEP STANDARD CONSTRUCTION DETAIL #4-1.

Material Type	3 mil HDPE	5 mil HDPE	5 mil HDPE	Multi-Filament Polypropylene (MFPP)	Heavy Duty Multi-Filament Polypropylene (DMFPP)
Material Characteristics	Photo-degradable	Photo-degradable	Bio-degradable	Photo-degradable	Photo-degradable
Sock Diameters	12", 18"	12", 18", 24"	12", 18", 24"	12", 18", 24", 32"	12", 18", 24", 32"
Mesh Opening	3/8"	3/8"	3/8"	3/8"	1/8"
Tensile Strength		29 psi	29 psi	44 psi	202 psi
Ultraviolet Stability %		25% at 1000 hr	25% at 1000 hr	100% at 1000 hr	100% at 1000 hr
Original Strength (ASTM G-155)					
Minimum Functional Longevity	6 months	9 months	6 months	1 year	2 years

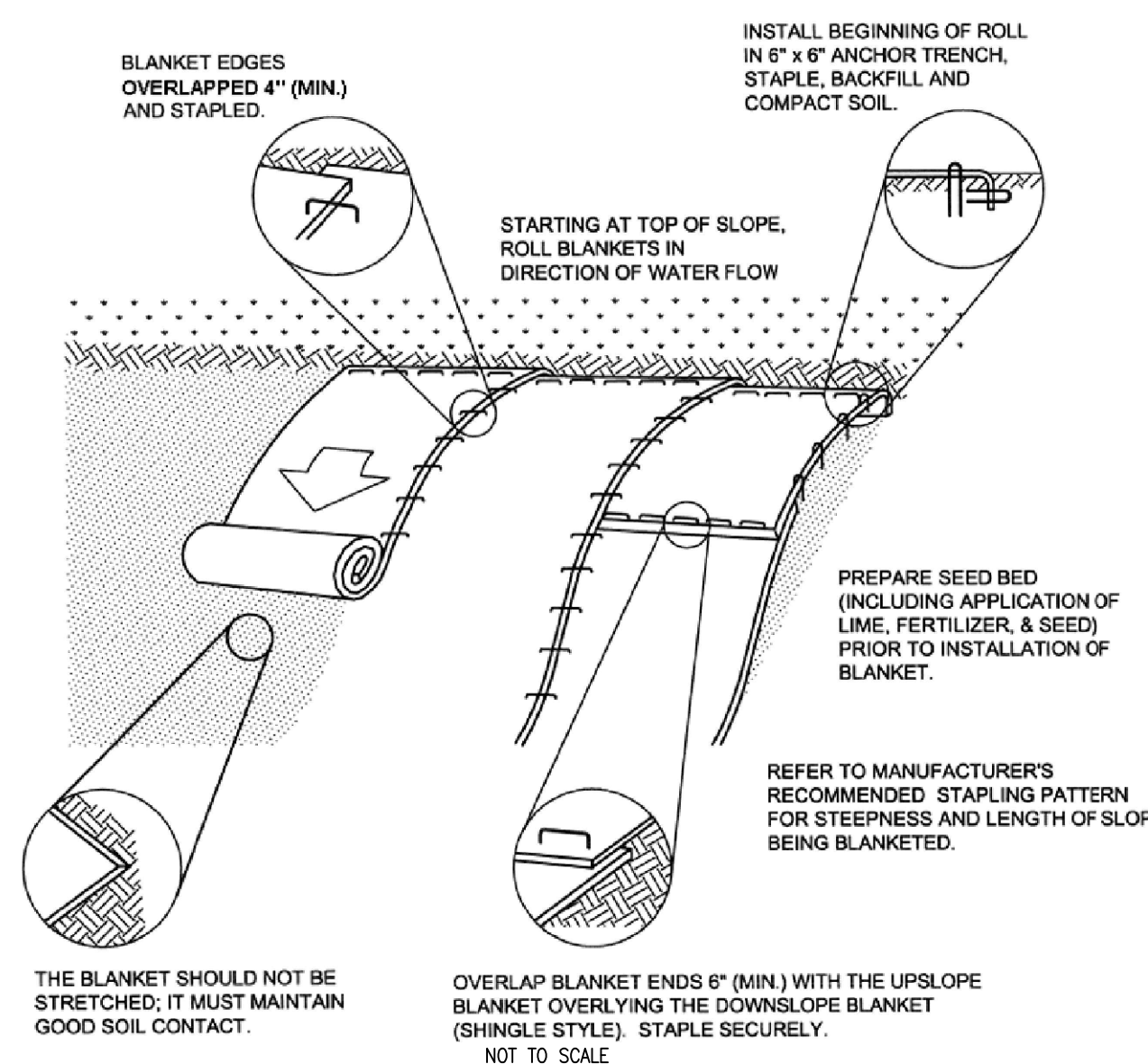
TABLE 4.2 COMPOST STANDARDS	
ORGANIC MATTER CONTENT	25%-100% (DRY WEIGHT BASIS)
ORGANIC PORTION	FIBROUS AND ELONGATED
PH	5.5 - 8.5
MOISTURE CONTENT	30% - 60%
PARTICLE SIZE	30%-50% PASS THROUGH 3/8" SIEVE
SOLUBLE SALT CONCENTRATION	5.0 DS/M (MMHOS/CM) MAXIMUM

NOTES:

- SOCK FABRIC SHALL MEET STANDARDS OF TABLE 4.1. COMPOST SHALL MEET THE STANDARDS OF TABLE 4.2. (SEE SHEET 2 OF 3 OF THIS DETAIL.)
- COMPOST FILTER SOCK SHALL BE PLACED AT EXISTING LEVEL GRADE. BOTH ENDS OF THE SOCK SHALL BE EXTENDED AT LEAST 8 FEET UP SLOPE AT 45 DEGREES TO THE MAIN SOCK ALIGNMENT. MAXIMUM SLOPE LENGTH ABOVE ANY SOCK SHALL NOT EXCEED THAT SHOWN ON FIGURE 4.2. (SEE SHEET 3 OF 3 OF THIS DETAIL.) STAKES MAY BE INSTALLED IMMEDIATELY DOWNSLOPE OF THE SOCK IF SO SPECIFIED BY THE MANUFACTURER.
- TRAFFIC SHALL NOT BE PERMITTED TO CROSS COMPOST FILTER SOCKS.
- ACCUMULATED SEDIMENT SHALL BE REMOVED WHEN IT REACHES HALF THE ABOVEGROUND HEIGHT OF THE SOCK AND DISPOSED IN THE MANNER DESCRIBED ELSEWHERE IN THE PLAN.
- SOCKS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT. DAMAGED SOCKS SHALL BE REPAIRED ACCORDING TO MANUFACTURER'S SPECIFICATIONS OR REPLACED WITHIN 24 HOURS OF INSPECTION.
- BIODEGRADABLE FILTER SOCKS SHALL BE REPLACED AFTER 6 MONTHS; PHOTODEGRADABLE SOCKS AFTER 1 YEAR. POLYPROPYLENE SOCKS SHALL BE REPLACED ACCORDING TO MANUFACTURER'S RECOMMENDATIONS.
- UPON STABILIZATION OF THE AREA TRIBUTARY TO THE SOCK, STAKES SHALL BE REMOVED. THE SOCK MAY BE LEFT IN PLACE AND VEGETATED OR REMOVED. IN THE LATTER CASE, THE MESH SHALL BE CUT OPEN AND THE MULCH SPREAD AS A SOIL SUPPLEMENT.
- SOCKS SHALL BE INSTALLED PARALLEL TO THE CONTOURS, TYPICALLY IN AREAS WHERE THE SLOPE OF THE CATCHMENT AREA IS LESS THAN FIVE PERCENT. THE SOCKS MAY BE INSTALLED AS NECESSARY TO MINIMIZE THE NUMBER OF SEPARATE SOCK SEGMENTS ALONG THE EDGE OF DISTURBANCE.

COMPOST FILTER SOCK

N.T.S. 2 OF 3



NOTES:

- SEED AND SOIL AMENDMENTS SHALL BE APPLIED ACCORDING TO THE RATES IN THE PLAN DRAWINGS PRIOR TO INSTALLING THE BLANKET.
- PROVIDE ANCHOR TRENCH AT TOE OF SLOPE IN SIMILAR FASHION AS AT TOP OF SLOPE.
- SLOPE SURFACE SHALL BE FREE OF ROCKS, CLODS, STICKS, AND GRASS.
- BLANKET SHALL HAVE GOOD CONTINUOUS CONTACT WITH UNDERLYING SOIL THROUGHOUT ENTIRE LENGTH. LAY BLANKET LOOSELY AND STAKE OR STAPLE TO MAINTAIN DIRECT CONTACT WITH SOIL. DO NOT STRETCH BLANKET.
- STAPLING OF THE BLANKET SHALL BE DONE IN ACCORDANCE WITH THE MANUFACTURER'S RECOMMENDATIONS.
- BLANKETED AREAS SHALL BE INSPECTED WEEKLY AND AFTER EACH RUNOFF EVENT UNTIL PERENNIAL VEGETATION IS ESTABLISHED WITH 70% COVERAGE THROUGHOUT THE BLANKETED AREA. DAMAGED OR DISPLACED BLANKETS SHALL BE RESTORED OR REPLACED WITHIN 4 CALENDAR DAYS.
- BIODEGRADABLE STAPLES SHALL BE USED.

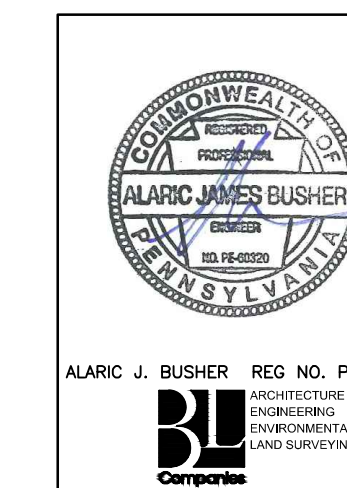
WILLIAMS SUPPLEMENTAL NOTES:
1. CONTRACTOR SHALL USE SINGLE MAT STRAW FOR SLOPES FLATTER THAN 3:1.
2. HYDRAULIC APPLIED EROSION CONTROL BLANKETS MAY BE USED IN LIEU OF ECB.

NOTE: THIS WILLIAMS STANDARD DETAIL IS BASED ON PADEP STANDARD CONSTRUCTION DETAIL #11-1.

ADAPTED FROM PADEP

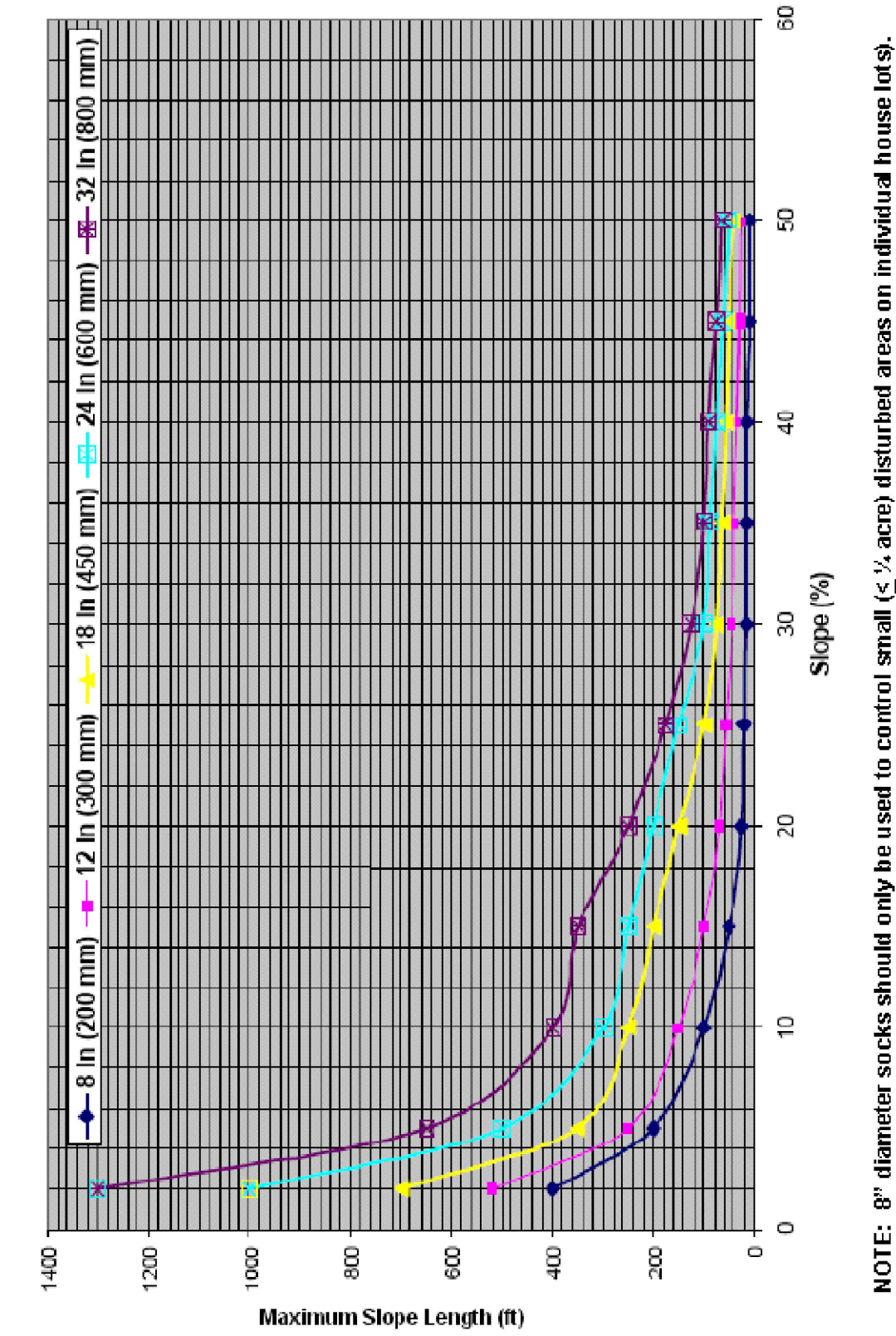
EROSION CONTROL BLANKET

N.T.S.



REVISIONS					
NO.	DATE	BY	DESCRIPTION	W.D. NO.	CHK. APP.
0	08/26/2015	BL	ISSUED FOR PADEP SUBMITTAL	W0161497	DAK AJB
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5	August 2017	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #3	W0161497	AJB AJB

FIGURE 4.2
MAXIMUM PERMISSIBLE SLOPE LENGTH ABOVE COMPOST FILTER SOCKS

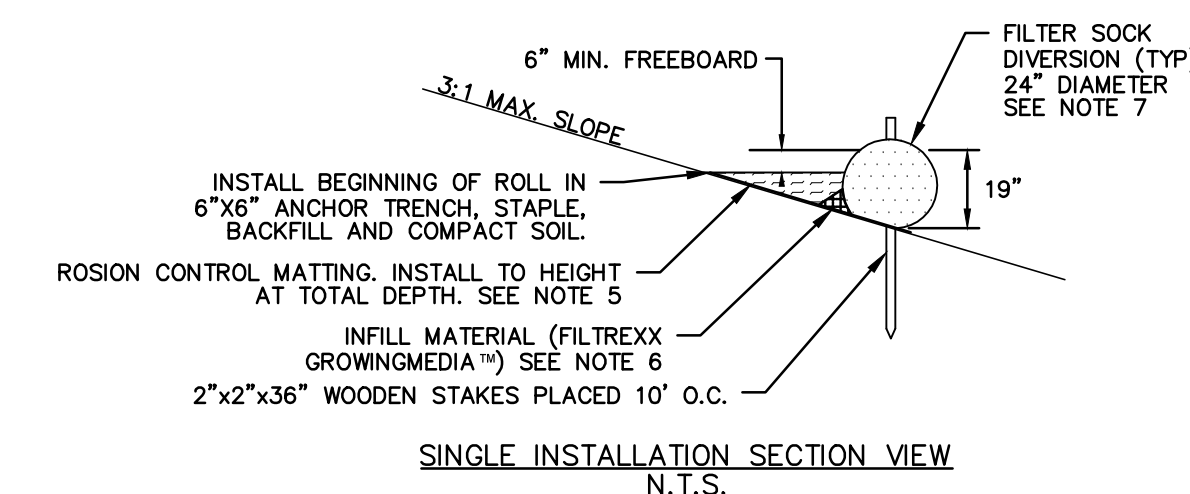


Adapted from Filtrexx

COMPOST FILTER SOCK

N.T.S. 3 OF 3

NOTE: 8" diameter socks should only be used to control small (< 1/2 acre) disturbed areas on individual house lots.



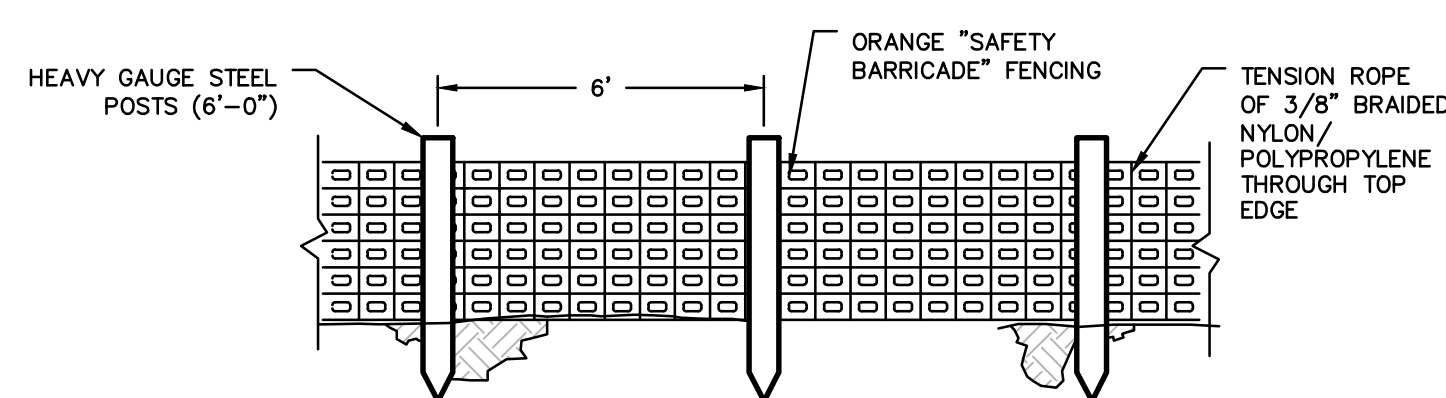
SINGLE INSTALLATION SECTION VIEW
N.T.S.

NOTES:

- REMOVE SEDIMENT FROM THE UPSLOPE SIDE OF THE FILTER SOCK DIVERSION WHEN ACCUMULATION HAS REACHED 1/2 OF THE EFFECTIVE HEIGHT OF THE FILTER SOCK DIVERSION. SEDIMENT SHALL ALSO BE REMOVED DURING INSTALLATION OF FINAL STABILIZATION MEASURES (E.G. EROSION CONTROL MATTING, SEEDING, MULCHING, ETC.) TO LIMIT POTENTIAL DISTURBANCE FROM CONSTRUCTION EQUIPMENT WHILE VEGETATION IS ESTABLISHING.
- SLOPES GREATER THAN 5% MAY REQUIRE ADDITIONAL STABILIZATION PRACTICES AS DETERMINED BY THE ENVIRONMENTAL INSPECTOR.
- THE FILTER SOCK DIVERSION SHALL BE FILLED WITH FILTREXX GROWINGMEDIA™ OR APPROVED EQUAL AND SEEDED AT THE TIME OF INSTALLATION. SOIL OR AND MAY BE ADDED TO THE GROWINGMEDIA™ TO ADD WEIGHT AND BALLAST TO THE RUNOFF DIVERSION.
- IF UNDERMINING IS OBSERVED CONTRACTOR SHALL PROVIDE AND MAINTAIN GROWING MEDIA PACKING AT TOE OF FILTER SOCK DIVERSION.
- EROSION CONTROL MATTING INSTALLED UNDER AND ADJACENT TO THE FILTER SOCK DIVERSION FOR ACCESS ROADS SHALL BE NORTH AMERICAN GREEN C-125™ OR APPROVED EQUIVALENT AND SEEDED AT THE TIME OF INSTALLATION. REFER TO TABLE 2: TEMPORARY CLEAN WATER DIVERSION OF THIS PLAN SET FOR THE REQUIRED NORTH AMERICAN GREEN (OR APPROVED EQUIVALENT) LINING ASSOCIATED WITH THE PIPELINE FILTER SOCK DIVERSIONS. REFER TO THE EROSION CONTROL BLANKET DETAIL (ECB) ON PAGE 3 FOR PROPER INSTALLATION OF EROSION CONTROL MATTING.
- INFILL MATERIAL (FILTREXX GROWINGMEDIA™ OR APPROVED EQUAL) SHALL BE MODIFIED TO REDUCE PERMEABILITY AND PROMOTE VEGETATIVE GROWTH IN ACCORDANCE WITH BMP REQUIREMENTS. THE

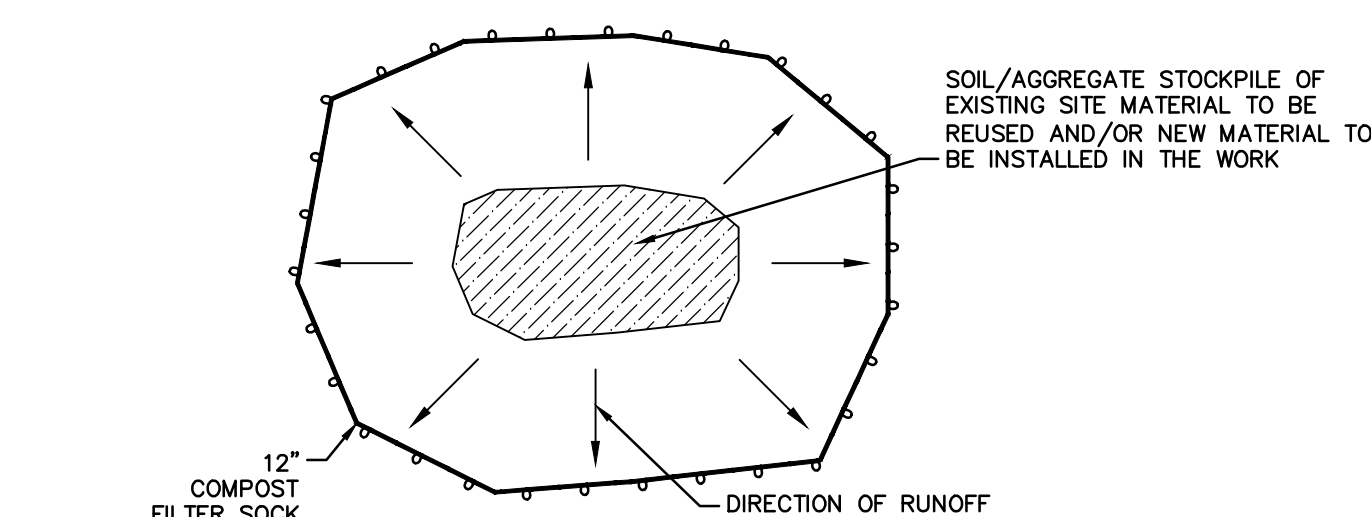
FILTER SOCK DIVERSION

N.T.S.



CONSTRUCTION FENCE

N.T.S.

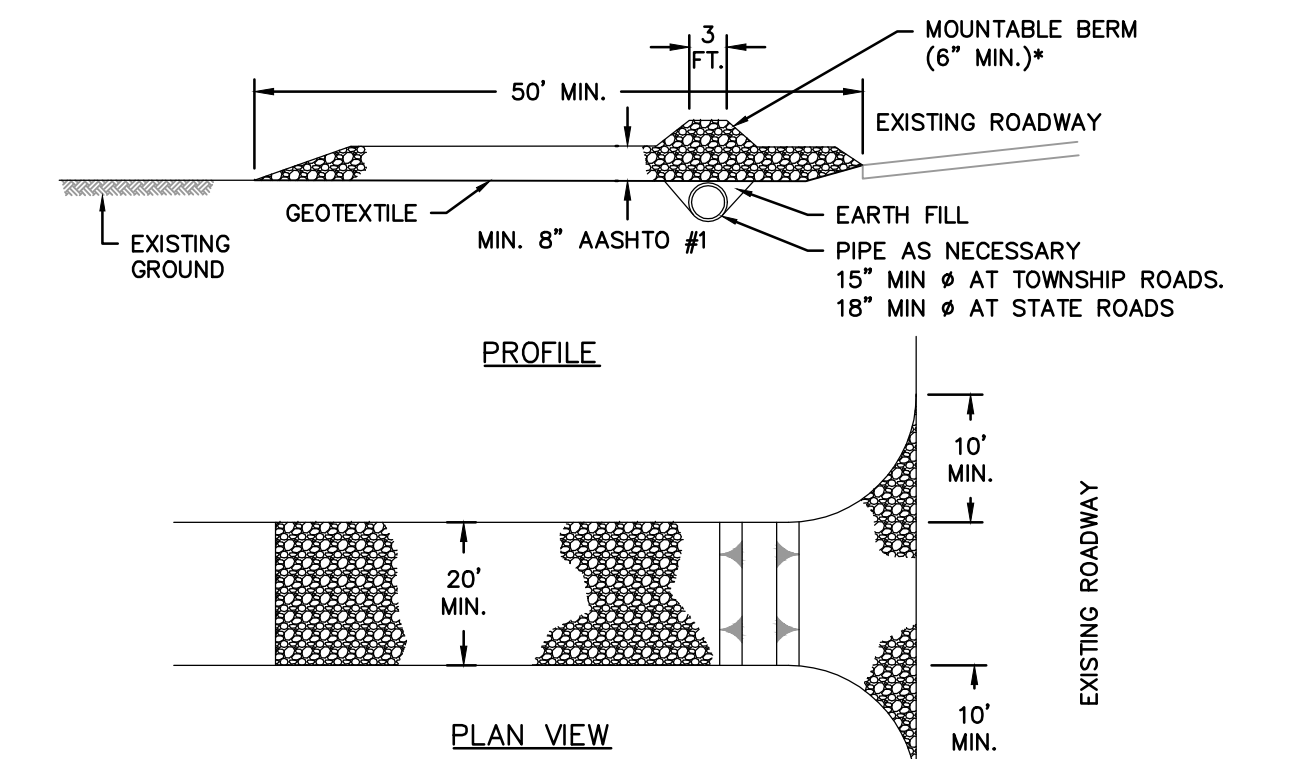


NOTES:

- ALL EXISTING EXCAVATED MATERIAL THAT IS NOT TO BE REUSED IN THE WORK IS TO BE IMMEDIATELY REMOVED FROM THE SITE AND PROPERLY DISPOSED OF AT AN APPROVED FACILITY OR PERMITTED WASTE AREA.
- TOPSOIL STOCKPILE SITES TO BE WHERE SHOWN ON THE DRAWINGS
- RESTORE STOCKPILE SITES TO PRE-EXISTING PROJECT CONDITIONS AND STABILIZE AS REQUIRED.
- STOCKPILE HEIGHT SHALL NOT EXCEED 35 FEET.
- STOCKPILE SLOPES SHALL BE 2H:1V OR FLATTER.

TEMPORARY TOPSOIL STOCKPILE

N.T.S.



NOTES:

- REMOVE TOPSOIL PRIOR TO INSTALLATION OF ROCK CONSTRUCTION ENTRANCE. EXTEND ROCK OVER FULL WIDTH OF ENTRANCE.
- RUNOFF SHALL BE DIVERTED FROM ROADWAY TO A SUITABLE SEDIMENT REMOVAL BMP PRIOR TO ENTERING ROCK CONSTRUCTION ENTRANCE.
- MOUNTABLE BERM SHALL BE INSTALLED WHEREVER OPTIONAL CULVERT PIPE IS USED AND PROPER PIPE COVER AS SPECIFIED BY MANUFACTURER IS NOT OTHERWISE PROVIDED. PIPE SHALL BE SIZED APPROPRIATELY FOR SIZE OF DITCH BEING CROSSED.
- MAINTENANCE: ROCK CONSTRUCTION ENTRANCE THICKNESS SHALL BE CONSTANTLY MAINTAINED TO THE SPECIFIED DIMENSIONS BY ADDING ROCK. A STOCKPILE SHALL BE MAINTAINED ON SITE FOR THIS PURPOSE. ALL SEDIMENT DEPOSITED ON PAVED ROADWAYS SHALL BE REMOVED AND RETURNED TO THE CONSTRUCTION SITE IMMEDIATELY. IF EXCESSIVE AMOUNTS OF SEDIMENT ARE BEING DEPOSITED ON ROADWAY, EXTEND LENGTH OF ROCK CONSTRUCTION ENTRANCE BY 50 FOOT INCREMENTS UNTIL CONDITION IS ALLEVIATED OR INSTALL WASH RACK. WASHING THE ROADWAY OR SWEEPING THE DEPOSITS INTO ROADWAY DITCHES, SEWERS, CULVERTS, OR OTHER DRAINAGE COURSES IS NOT ACCEPTABLE.
- RCE WITH WASH RACK, SEE DETAIL ROW, TO BE INSTALLED IN, OR WITHIN 100 FEET OF, SPECIAL PROTECTION WATERSHEDS AS WELL AS WITHIN 50 FEET OF WETLANDS.
- WITHIN WETLANDS RCE AND/OR RCE WITH WASHRACK SHALL BE REPLACED WITH TIMBER MAT AND CLASS 1 GEOTEXTILE UNDERLAYMENT.

ROCK CONSTRUCTION ENTRANCE

N.T.S.

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC
ATLANTIC SUNRISE PROJECT- PROPOSED 30" NATURAL GAS PIPELINE
SOIL EROSION & SEDIMENT CONTROL AND LAYOUT PLANS
FOR COMPRESSOR STATION 605
CLINTON TOWNSHIP, WYOMING COUNTY, PENNSYLVANIA
SOIL EROSION & SEDIMENT CONTROL DETAILS



DRAWN BY: ADE	DATE: 04/03/15	ISSUED FOR BID:	SCALE: AS NOTED
CHECKED BY: AJB	DATE: 04/03/15	ISSUED FOR CONSTRUCTION:	REVISION: 5
APPROVED BY: AJB	DATE: 07/17/15	DRAWING NUMBER: (66-0605)F-1A-11	SHEET 13 OF 14
W.D. NO.:	1161497		