

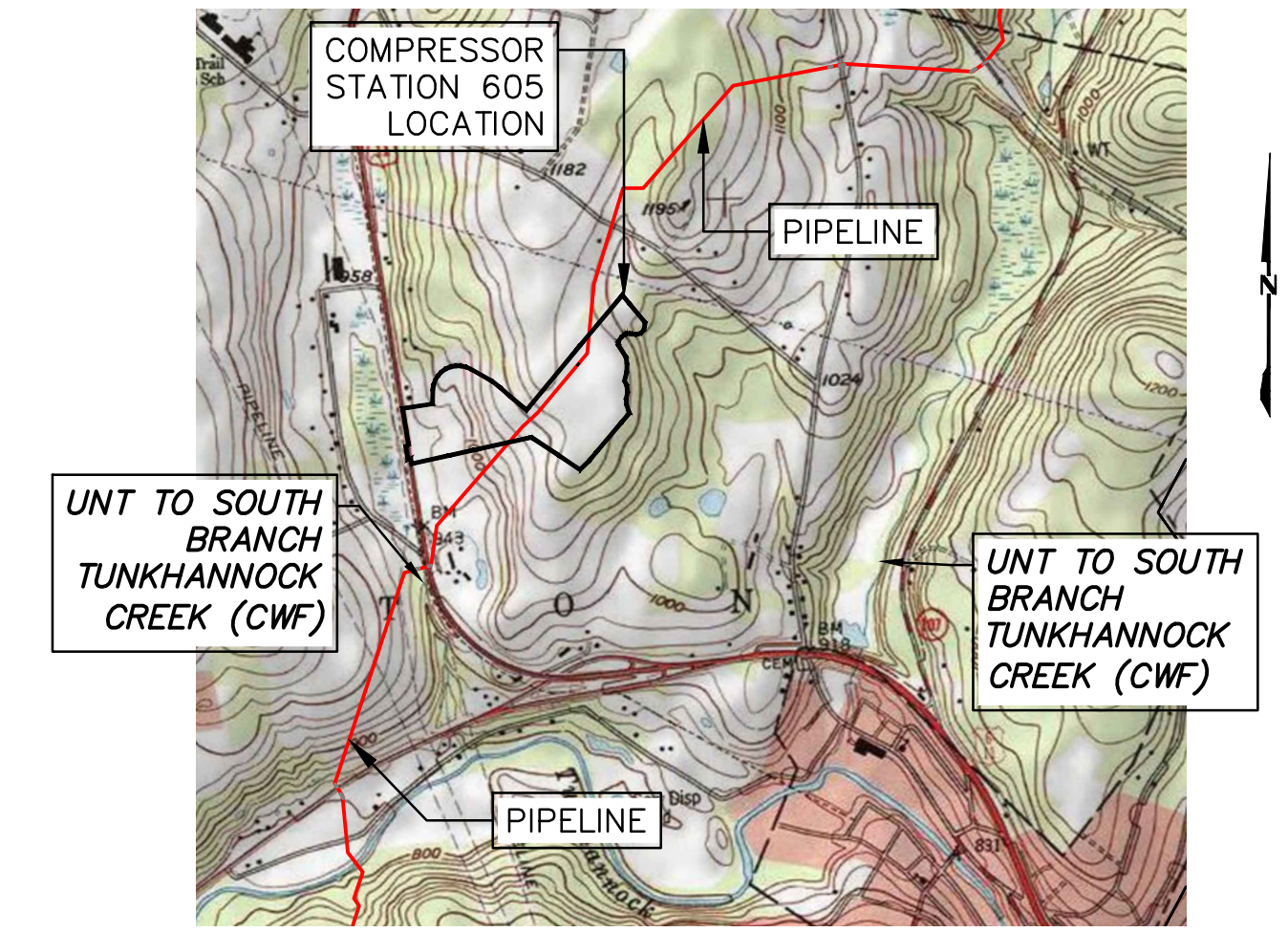
ATLANTIC SUNRISE PROJECT PROPOSED 30" NATURAL GAS PIPELINE

POST CONSTRUCTION STORMWATER MANAGEMENT PLANS FOR COMPRESSOR STATION 605

PHASE 1

CLINTON TOWNSHIP
WYOMING COUNTY

PENNSYLVANIA



USGS FACTORYVILLE QUADRANGLE

VICINITY MAP

SCALE: 1"=2,000'

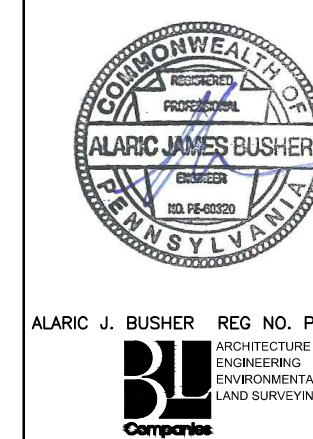
FACILITY NAME & TYPE	DRAWING NO.	SHEET NO.	DRAWING NAME
CS-605 COMPRESSOR STATION	(66-0605)F-1A-9	1 of 11	COVER SHEET REVISED
	(66-0605)F-1A-9	2 of 11	POST CONSTRUCTION STORMWATER MANAGEMENT OVERALL PLAN
	(66-0605)F-1A-9	3 of 11	SENSITIVE RESOURCES MAP
	(66-0605)F-1A-9	4 of 11	POST CONSTRUCTION STORMWATER MANAGEMENT PLAN REVISED
	(66-0605)F-1A-9	5 of 11	POST CONSTRUCTION STORMWATER MANAGEMENT PLAN REVISED
	(66-0605)F-1A-9	6 of 11	POST CONSTRUCTION STORMWATER MANAGEMENT PLAN REVISED
	(66-0605)F-1A-9	7 of 11	PCSM NOTES AND DETAILS
	(66-0605)F-1A-9	8 of 11	PCSM NOTES AND DETAILS
	(66-0605)F-1A-9	9 of 11	PCSM NOTES AND DETAILS
	(66-0605)F-1A-9	10 of 11	PCSM NOTES AND DETAILS
	(66-0605)F-1A-9	11 of 11	INSET OF INFILTRATION BASIN 1

Drawn By & Date/Time: rkiernon Jul 28, 2017 - 11:24am
Drawing Location & Name: G:\08514\14C\14C4909\DWG\010-CPLN\FCS_CV14C4909(10)_PCSM-WYO-605.dwg



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



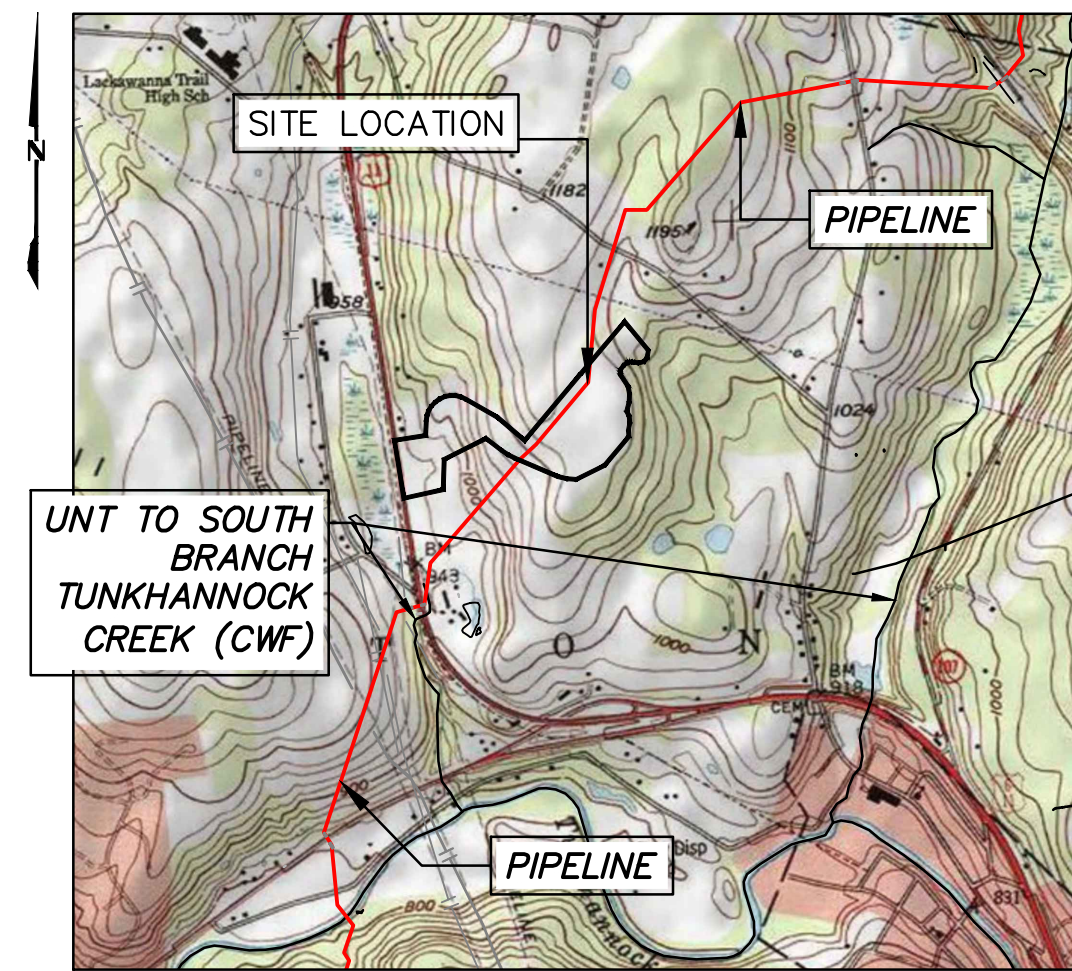
REVISIONS						
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0	08/26/2015	BL	ISSUED FOR PADEP SUBMITTAL	W0161497	DAK	AJB
1	12/02/2015	BL	ISSUED FOR PADEP RESUBMITTAL	W0161497	DAK	AJB
2	05/27/2016	BL	UPDATED PER BASIC SYSTEMS DESIGN COORDINATION	W0161497	AJB	AJB
3	Oct. 2016	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #1	W0161497	AJB	AJB
4	April 2017	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #2	W0161497	AJB	AJB
5	August 2017	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #3	W0161497	AJB	AJB

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC			
ATLANTIC SUNRISE PROJECT- PROPOSED 30" NATURAL GAS PIPELINE			
POST CONSTRUCTION STORMWATER MANAGEMENT PLANS			
FOR COMPRESSOR STATION 605			
CLINTON TOWNSHIP, WYOMING COUNTY, PENNSYLVANIA			
COVER SHEET			
DRAWN BY:	JEC	DATE:	04/03/15
CHECKED BY:	AJB	DATE:	04/03/15
APPROVED BY:	AJB	DATE:	07/17/15
W.O. NUMBER:	1161497	DRAWING NUMBER:	(66-0605)F-1A-9
ISSUED FOR CONSTRUCTION:		SCALE:	AS NOTED
REVISION:	5	SHEET:	1
		OF:	11



LANDSCAPE SCHEDULE

Symbol	Quant	Botanical Name	Common Name	Caliper	Height	Spread	Root	Notes
SHRUBS								
CS	8	Cornus serica	Redosier Dogwood 'Winter Flame'	0	18-24"	18-24"	3 gal	Full
IV	11	Ilex verticillata	Common Winterberry	0	24-30"	18-24"	5 gal	Full plant to base



LOCATION MAP

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

SITE SOIL TYPES

MrB	MORRIS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES
MrC	MORRIS CHANNERY SILT LOAM, 8 TO 18 PERCENT SLOPES
MsB	MORRIS FLAGGY LOAM, 3 TO 8 PERCENT SLOPES
MsC	MORRIS FLAGGY LOAM, 8 TO 15 PERCENT SLOPES
NcB	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
OtB	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

ESCGP-2 PERMIT TABLE

LIMIT OF PERMIT BOUNDARY/SITE AREA	50.68
LIMIT OF DISTURBANCE	50.55
AREA OF PROTECTED/ SENSITIVE VALUE FEATURES	0.00
AREA OF RIPARIAN FOREST BUFFER PROTECTION	0.00
AREA OF MINIMUM DISTURBANCE/REDUCED GRADING	0.00
IMPERVIOUS AREA (ACCESS ROADS & PAD)	9.80
DEVELOPED AREA CONTROLLED BY BMPS	25.07

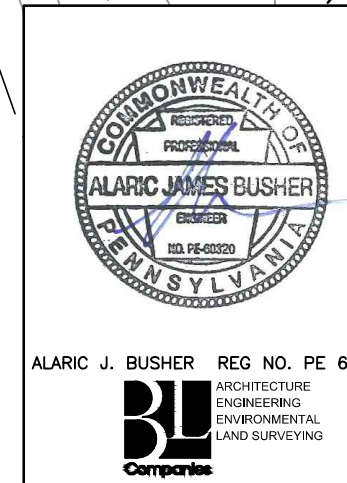
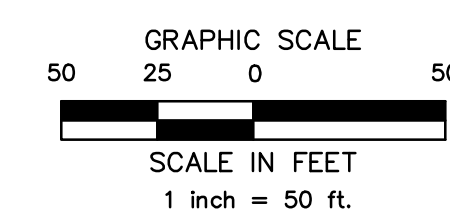
PROPOSED FEATURES

— 10' —	MAJOR CONTOUR (10' INTERVAL)
— 2' —	MINOR CONTOUR (2' INTERVAL)
— 1' —	MINOR CONTOUR (1' INTERVAL)
— LOD —	LIMIT OF DISTURBANCE (COMPRESSOR STATION 605)
— LWD —	LIMIT OF WORKSPACE (OVERALL PIPELINE PROJECT)
— ESCGP2 —	ESCGP-2 PERMIT BOUNDARY
— x — x — x —	ORANGE CONSTRUCTION FENCE
— — —	CENTERLINE GAS PIPELINE
[Hatched Box]	SWALE LINING
[Dotted Box]	EROSION CONTROL BLANKET
[Cross-hatched Box]	ROCK OUTLET/RIPRAP APRON
[Square]	TEST PIT LOCATION
[Circle]	INFILTRATION TEST LOCATION
[Green Box]	ACCESS ROAD/STREET SWEEPING AREA
[Cross-hatched Box]	TRM LINING
[Dotted Box]	CLAY CORE LIMITS
[Hatched Box]	SOIL AMENDMENT AREA



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)



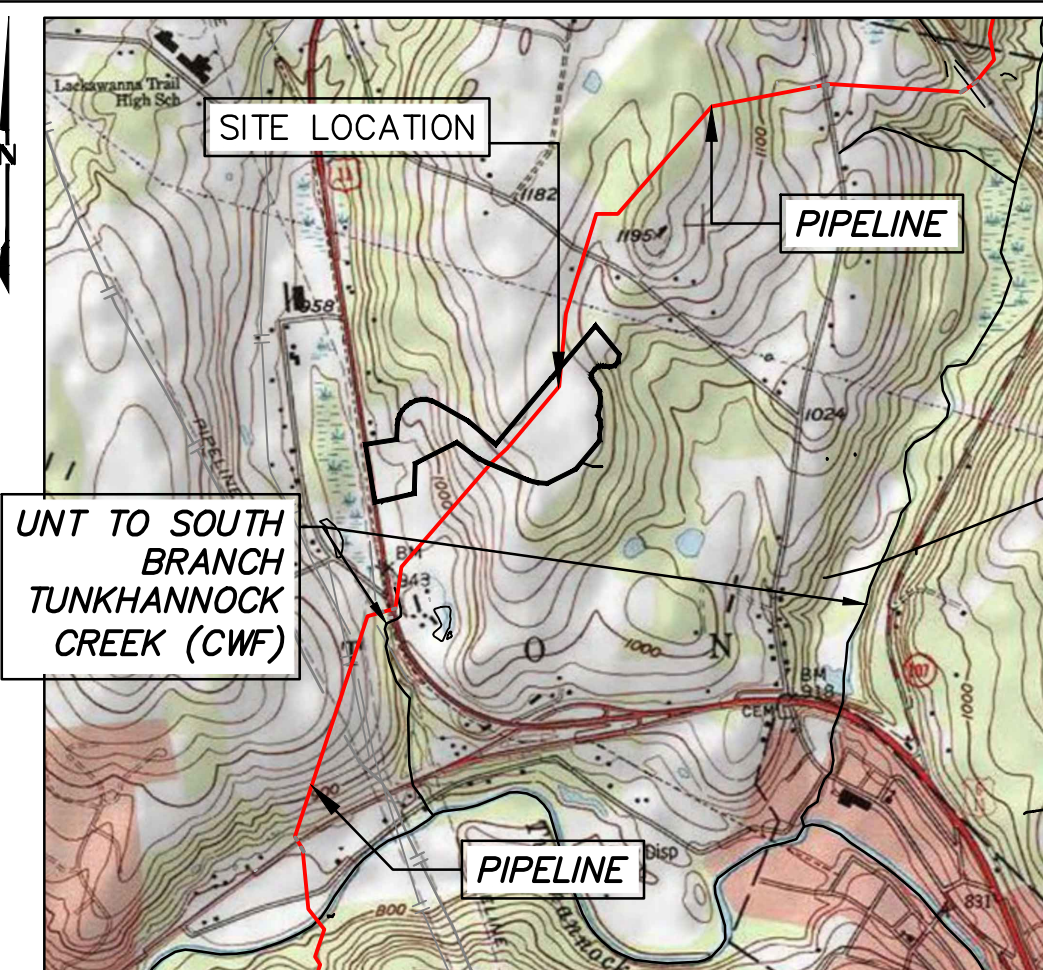
REVISIONS			
NO.	DATE	BY	DESCRIPTION
0	08/26/2015	BL	ISSUED FOR PAEP SUBMITTAL
1	12/02/2015	BL	ISSUED FOR PAEP RESUBMITTAL
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TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC			
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FOR COMPRESSOR STATION 605			
CLINTON TOWNSHIP, WYOMING COUNTY, PENNSYLVANIA			
POST CONSTRUCTION STORMWATER MANAGEMENT PLAN			
DRAWN BY:	ADE	DATE:	04/03/15
CHECKED BY:	AJB	DATE:	04/03/15
APPROVED BY:	AJB	DATE:	07/17/15
NO.:	1161497	ISSUED FOR CONSTRUCTION:	REVISION: 5
NO.:	1161497	DRAWING NUMBER:	(66-0605)F-1A-9
NO.:	1161497	SHEET:	4
NO.:	1161497	OF:	11

Drawn By & Date/Time: Jrfones Jul 26, 2017 - 1:25pm
Drawing Location & Name: G:\JOBS\14\14C\14C4909\DWG\010-CPLN\FCS_PCSM14C4909(10)_605.dwg

LANDSCAPE SCHEDULE

Symbol	Quant	Botanical Name	Common Name	Caliper	Height	Spread	Root	Notes
CS	8	Cornus serica	Redosier Dogwood 'Winter Flame'	0	18-24"	18-24"	3 gal	Full
IV	11	Ilex verticillata	Common Winterberry	0	24-30"	18-24"	5 gal	Full plant to base



LOCATION MAP

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

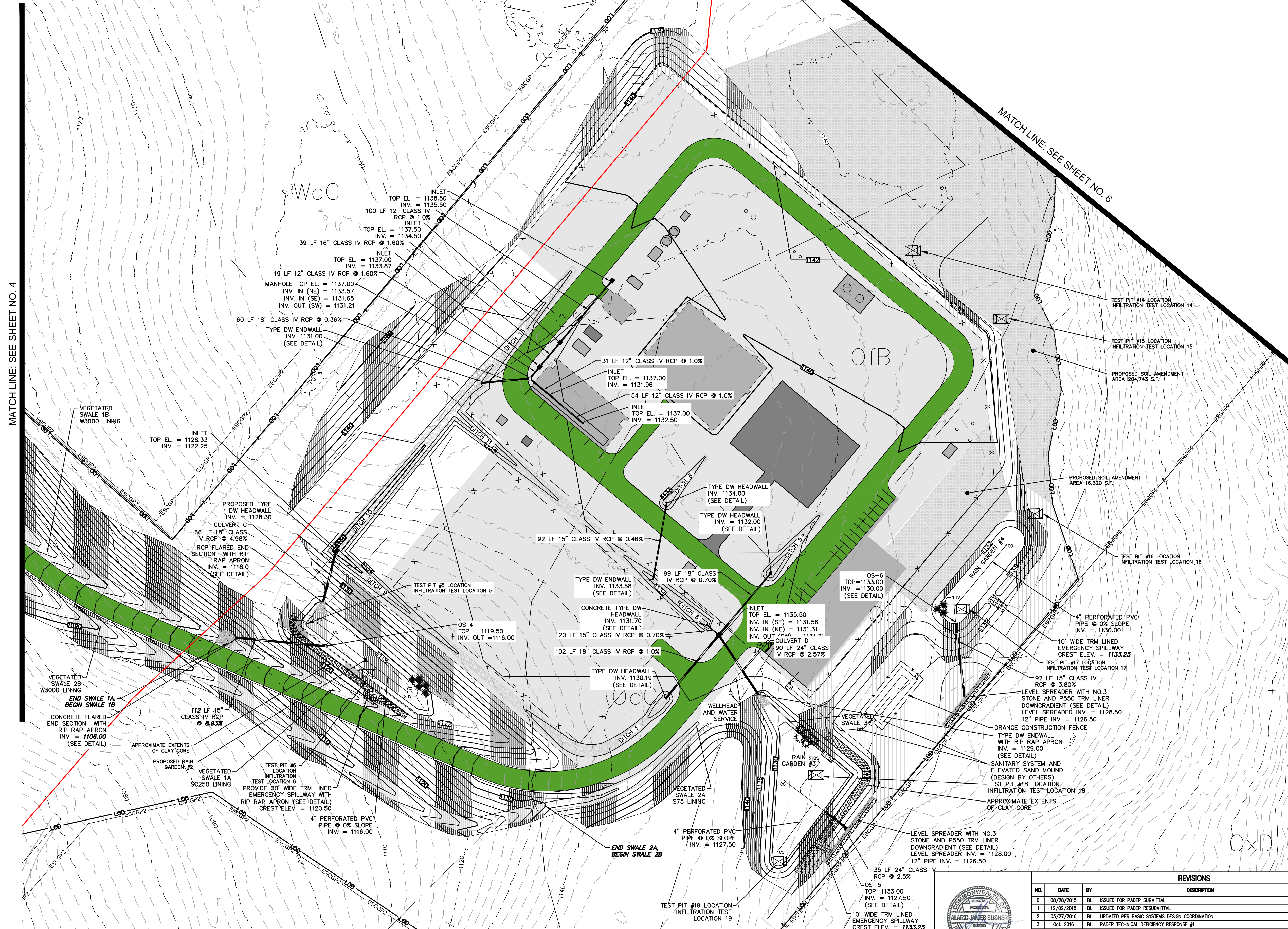
SITE SOIL TYPES

MrB	MORRIS CHANNERY SILT LOAM, 3 TO 8 PERCENT SLOPES
MrC	MORRIS CHANNERY SILT LOAM, 8 TO 18 PERCENT SLOPES
MdB	MORRIS FLAGGY LOAM, 3 TO 8 PERCENT SLOPES
MsC	MORRIS FLAGGY LOAM, 8 TO 15 PERCENT SLOPES
NcB	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
OfB	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

PROPOSED FEATURES

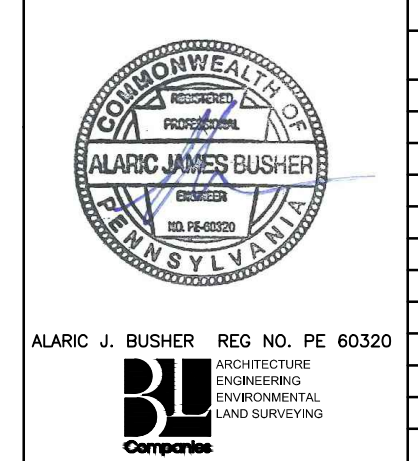
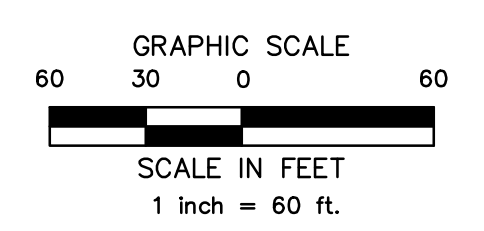
1450	MAJOR CONTOUR (10' INTERVAL)
1450	MINOR CONTOUR (2' INTERVAL)
LOD	LIMIT OF DISTURBANCE (COMPRESSOR STATION 605)
---	LIMIT OF WORKSPACE (OVERALL PIPELINE PROJECT)
ESCGP2	ESCGP-2 PERMIT BOUNDARY
-x-x-x-x-	ORANGE CONSTRUCTION FENCE
-x-x-x-x-	CHAIN LINK FENCE
---	CENTERLINE GAS PIPELINE
---	SWALE LINING
---	EROSION CONTROL BLANKET
---	ROCK OUTLET/RIPRAP APRON
⊠	TEST PIT LOCATION
⊠	INFILTRATION TEST LOCATION
---	GRAVEL COVER
---	ACCESS ROAD/ STREET SWEEPING AREA
---	BUILDING / SIDEWALK
---	FUTURE BUILDING
---	TRM LINING
---	SOIL CORE LIMITS
---	SOIL AMENDMENT AREA
---	LANDSCAPE RESTORATION AREA

NOTE: OWNER/OPERATOR SHALL NOT PAVE GRAVEL AREAS WITHOUT APPROVAL FROM THE CONSERVATION DISTRICT OR PADEP, SO AS TO MAINTAIN REDUCED PARKING AREA IMPERVIOUSNESS.



MATCH LINE: SEE SHEET NO. 4

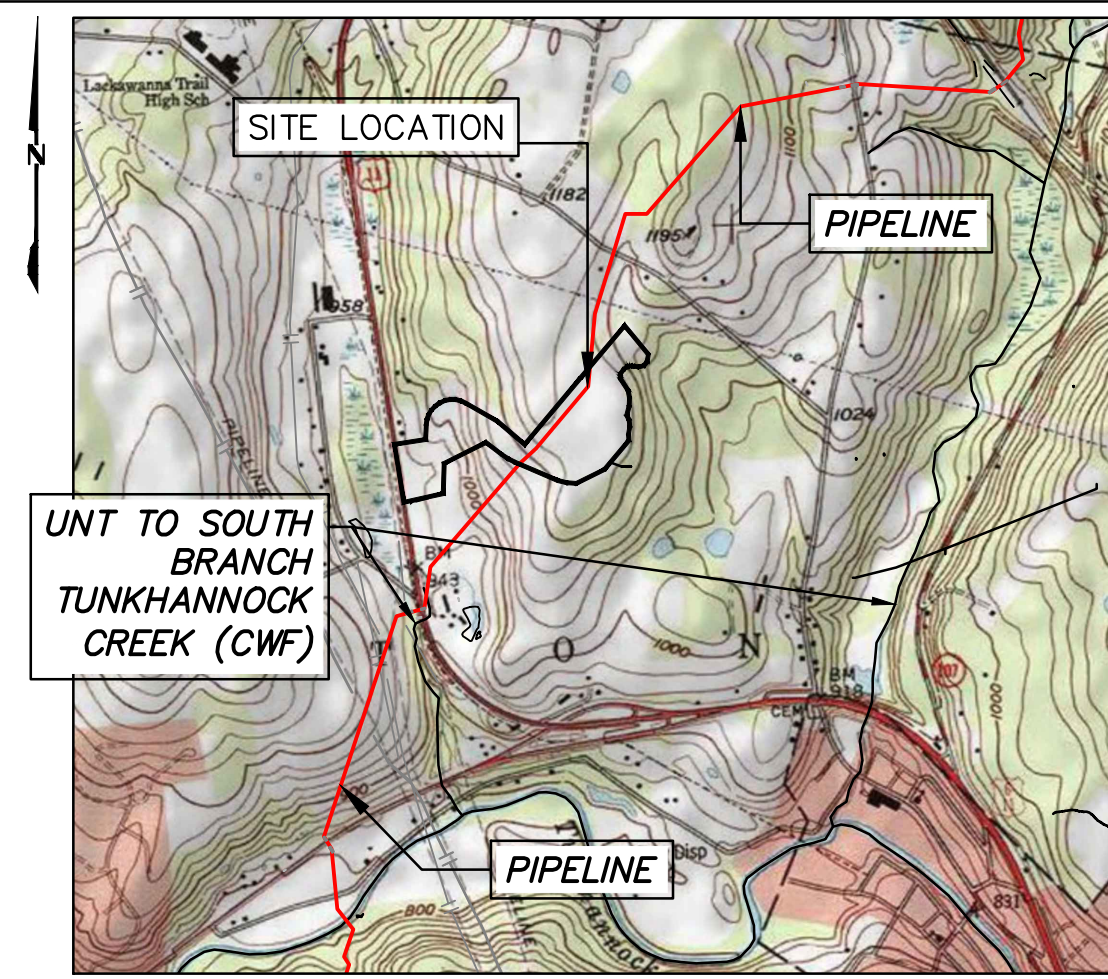
MATCH LINE: SEE SHEET NO. 6



REVISIONS			
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FOR COMPRESSOR STATION 605			
CLINTON TOWNSHIP, WYOMING COUNTY, PENNSYLVANIA			
POST CONSTRUCTION STORMWATER MANAGEMENT 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	APP.:	AJB
ISSUED FOR:	CONSTRUCTION	REVISION:	5
DRAWING NUMBER:	(66-0605)F-1A-9	SHEET:	5
SCALE:	AS NOTED	OF:	11

Drawn By & Date/Time: Jrfjones Jul 26, 2017 - 1:26pm
Drawing Location & Name: G:\00514\14C\14C4909\DWG\010-CPLN\FCS_PCSM14C4909(10)_605.dwg



LOCATION MAP

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

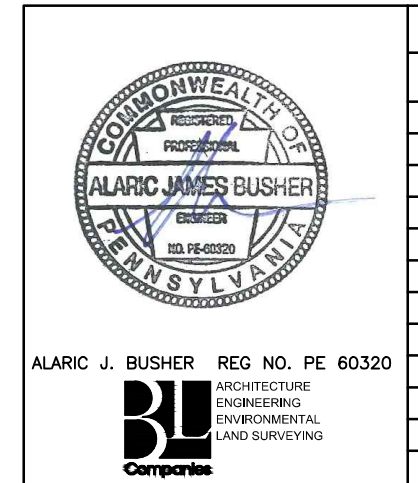
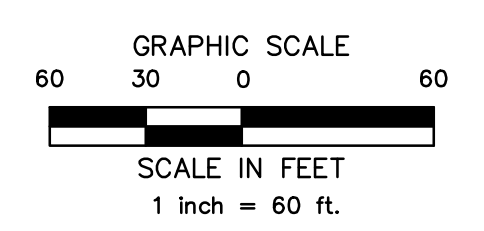
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	LIMIT OF WORKSPACE (OVERALL PIPELINE PROJECT)
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	CENTERLINE GAS PIPELINE
	SWALE LINING
	EROSION CONTROL BLANKET
	SOIL AMENDMENT AREA

LANDSCAPE SCHEDULE								
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CHECKED BY:	AJB	DATE:	04/03/15
APPROVED BY:	AJB	DATE:	07/17/15
W.O.:	1161497	DRAWING NUMBER:	(66-0605)F-1A-9
SCALE:	AS NOTED	REVISION:	5
			SHEET 6 OF 11

Drawn By & Date/Time: adavis Jul 27, 2017 - 3:09pm
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