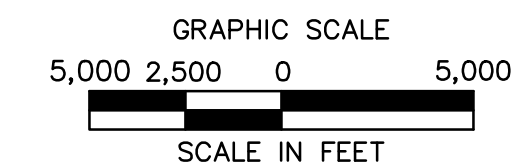


USGS MOUNT CARMEL, SHAMOKIN, VALLEY VIEW, TREMONT, AND PINE GROVE QUADRANGLES

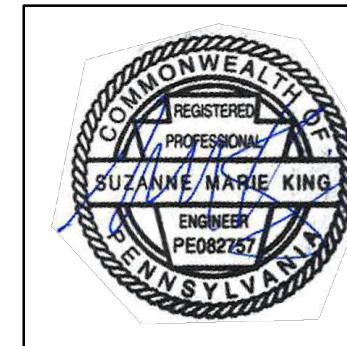


LEGEND

- TOWNSHIP LINE
- COUNTY LINE
- PROPOSED 42" CENTRAL PENN LINE SOUTH
- EXISTING LEIDY/ TGPL PIPELINE



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.



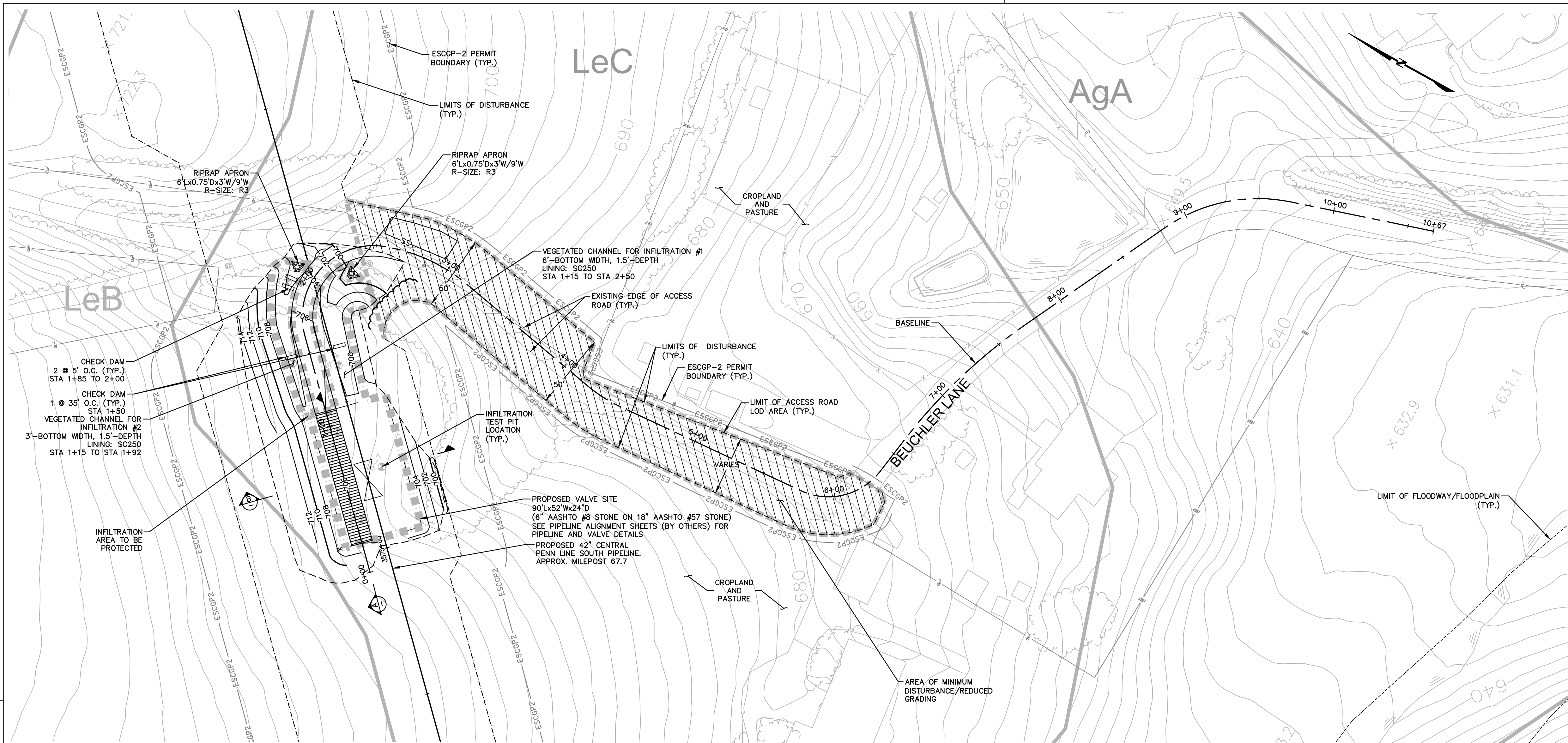
SUZANNE KING REG. NO. PE 082757
 ARCHITECTURE
 ENGINEERING
 ENVIRONMENTAL
 LAND SURVEYING

REVISIONS						
NO.	DATE	BY	DESCRIPTION	W.D. NO.	CHK.	APP.
0	OCT. 2016	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #1		DAK	SMK
1	APRIL 2017	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #2		DAK	SMK

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC
 ATLANTIC SUNRISE PROJECT- PROPOSED 42" CENTRAL PENN LINE SOUTH
 POST CONSTRUCTION STORMWATER MANAGEMENT PLAN
 ACCESS ROADS
 SCHUYLKILL COUNTY, PENNSYLVANIA
 LOCATION MAP & ACCESS ROAD INDEX

DRAWN BY: OLC/MS	DATE: 4/2015	ISSUED FOR BID:	SCALE:
CHECKED BY: DAK	DATE: 06/12/15	ISSUED FOR CONSTRUCTION:	REVISION: 1
APPROVED BY: SMK	DATE: 07/07/15	DRAWING NUMBER:	SHEET 2
W.O. W01161503		24-1600-70-28-A/LL113_9-AR-SC	OF 3

Drawn By & Date/Time: Sking Apr. 10, 2017 - 9:25am
 Drawing Location & Name: G:\0851\14\14c4909\DWG\020-CPLS\VAR_CV14c4909(00)_Sch.dwg



SITE RESTORATION

- RESTORATION OF THE ACCESS ROAD ROW WILL INCLUDE, BUT IS NOT LIMITED TO, RESTORATION OF EXISTING CONTOURS, RESTORATION OF EXISTING ROADS, DECOMPACTION, AND SEEDING.
- RESTORATION STEPS ARE DESCRIBED IN THE SEQUENCE OF CONSTRUCTION PROVIDED ON THE SOIL EROSION CONTROL PLAN AND IN THE ROAD-SPECIFIC APPENDIX OF THE COUNTY NARRATIVE.
- ONCE THE TEMPORARY ACCESS ROAD IS NO LONGER NECESSARY, THE GRAVEL AND GEOTEXTILE FABRIC FROM THE TEMPORARILY IMPROVED SECTIONS WILL BE REMOVED AND DISPOSED OF AT A SUITABLE DISPOSAL OR RECYCLING SITE IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS. STONE ADDED TO EXISTING GRAVEL ROADS WILL REMAIN IN PLACE.
- DISTURBED AREAS OUTSIDE EXISTING ROAD AREAS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS. THE SUBSOIL WILL BE DE-COMPACTED AND TOPSOIL WILL BE SPREAD OVER THE DISTURBED AREA. DISTURBED AREAS WILL BE SEEDED AND STABILIZED WITH MULCH OR EROSION CONTROL BLANKETS AS APPLICABLE.
- EROSION CONTROL BLANKETS (ECB) SHALL BE INSTALLED IN THE FOLLOWING AREAS OF DISTURBANCE:
 - AREAS WITHIN 50 FEET OF A STREAM OR WETLAND (DS75 NORTH AMERICAN GREEN OR APPROVED EQUAL).
 - AREAS WITHIN 100 FEET OF HQ OR EV STREAMS AND WETLANDS (DS75 NORTH AMERICAN GREEN OR APPROVED EQUAL).
 - SLOPES EQUAL TO 3:1 OR GREATER (SC150 NORTH AMERICAN GREEN OR APPROVED EQUAL).
- E&S BMPs, SUCH AS COMPOST FILTER SOCK AND FILTER SOCK DIVERSIONS, SHALL REMAIN IN PLACE UNTIL THE SITE WORK IS COMPLETE AND FINAL STABILIZATION IS ACHIEVED. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN A UNIFORM 70% PERENNIAL VEGETATIVE COVER IS ESTABLISHED OVER NON-EXISTING ROADWAY DISTURBED AREAS. IN AGRICULTURAL USE AREAS, AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION IF THE AREA HAS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER. THE AREA HAS A PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS, OR IF AN AREA EXHIBITS ANY GROUND COVER CONDITIONS NORMALLY ASSOCIATED WITH ACTIVE AGRICULTURAL PRACTICES, INCLUDING BUT NOT LIMITED TO BARE EARTH ON CULTIVATED LAND, TEMPORARY VEGETATIVE COVER ON CULTIVATED LAND, OR PASTURE NOT MEETING A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER.
- RESTORATION WILL PREDOMINATELY OCCUR WITHIN THE AREA LABELED "AREA TO BE RESTORED TO PRE-CONSTRUCTION CONDITIONS." DISTURBED AREAS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS (AS SHOWN ON THIS PLAN AND THE ROADWAY LAYOUT AND PROFILE PLAN), EXISTING ROADWAY SURFACES AND WIDTHS WILL BE RESTORED AND NON-EXISTING ROADWAY AREAS WILL BE SEED TO REESTABLISH VEGETATIVE COVER.
- THE "AREA OF MINIMUM DISTURBANCE/REDUCED GRADING" IS THE AREA WITHIN THE LOD AREA THAT IS OUTSIDE THE PROPOSED GRADING AREA. DISTURBANCES WITHIN THE AREA OF MINIMUM DISTURBANCE/REDUCED GRADING WILL BE MINIMAL. THEREFORE, THE SITE RESTORATION IN THE AREA OF MINIMUM DISTURBANCE/REDUCED GRADING MAY NOT REQUIRE RESTORATION OR MAY BE LIMITED TO SEEDING STOCKPILE AREAS, IF APPLICABLE, TO RESTORE VEGETATION THAT MAY HAVE BEEN IMPACTED BY THE STOCKPILE.
- PROPOSED IMPROVEMENTS ON THE PERMANENT ACCESS ROADS TO THE MLV SITES ARE PERMANENT AND WILL BE MAINTAINED BY TRANSOCO AS DESCRIBED IN THE LONG TERM OPERATION AND MAINTENANCE SCHEDULE SHOWN ON SHEET 3 OF 3 AT THE BEGINNING OF THIS PCSM PLAN.

ESCGP-2 PERMIT TABLE

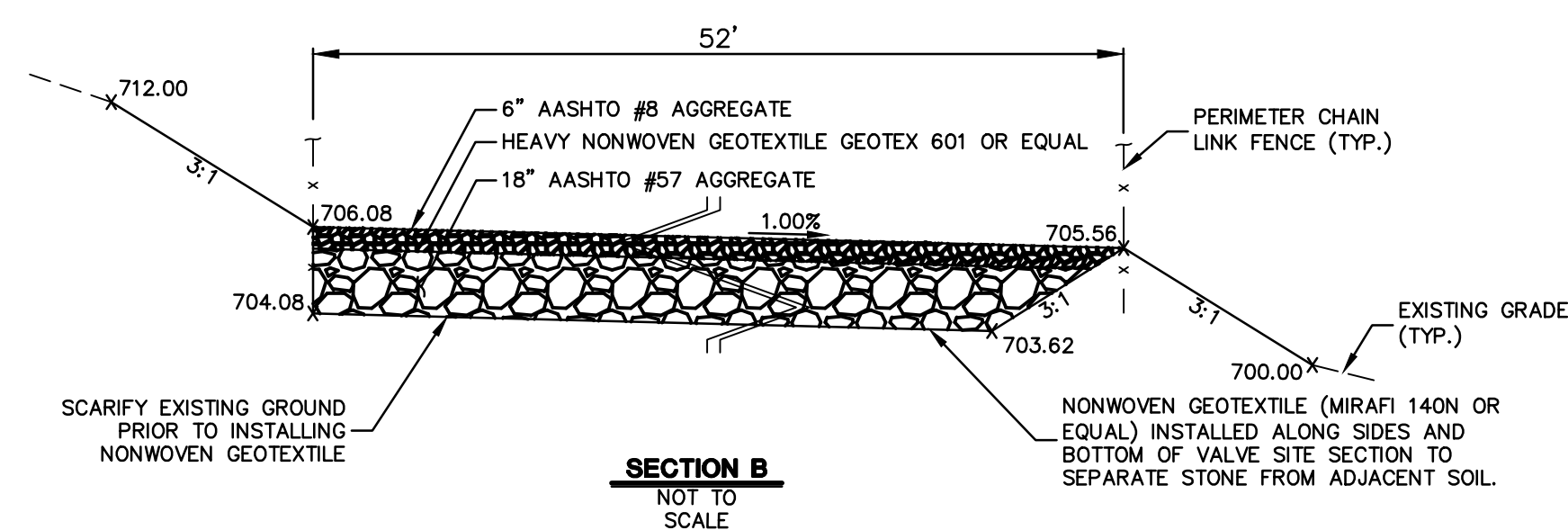
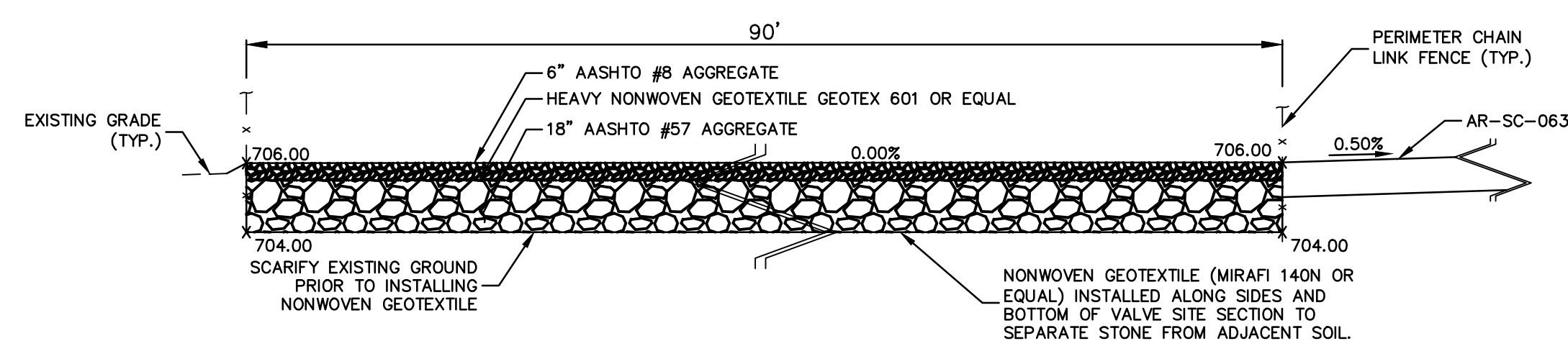
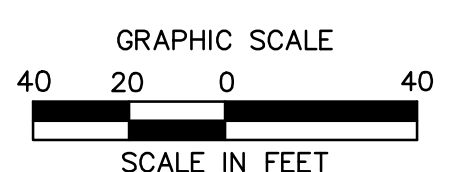
LIMIT OF DISTURBANCE:	
ACCESS ROAD	0.40 AC.
VALVE WITHIN PIPELINE ROW	0.78 AC.
TOTAL	1.18 AC.
LOD AREA WITHIN FLOODWAY/FLOODPLAIN	0.00 AC.
AREA OF RIPARIAN FOREST BUFFER	0.00 AC.
AREA OF MINIMUM DISTURBANCE/REDUCED GRADING	0.40 AC.
STORMWATER MANAGEMENT AREA	1.57 AC.
AREA CONTROLLED BY BMPs	8.42 AC.

SITE SOIL TYPES

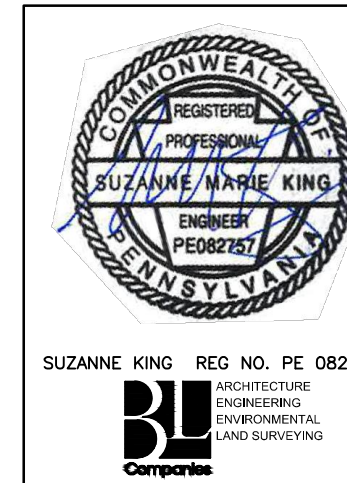
SEE COVER SHEET FOR SOIL TYPES AND LIMITATIONS

RECEIVING WATERS

LINT TO SWATARA CREEK, CWF, MF CHAPTER 303(D) IMPAIRMENT: NONE



NOTE:
SEE PCSM NOTES SHEET 3 OF 3 FOR EXISTING AND PROPOSED FEATURES LEGEND



REVISIONS						
NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.
0	07/17/2015	BL	ISSUED FOR PADEP SUBMITTAL	1161503	DAK	SMK
1	12/02/2015	BL	ISSUED FOR PADEP RESUBMITTAL	1161503	DAK	SMK
2	OCT. 2016	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #1	1161503	DAK	SMK
3	APRIL 2017	BL	MODIFICATION #2 ISSUED FOR PADEP SUBMITTAL	1161503	DAK	SMK

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC			
ATLANTIC SUNRISE PROJECT- PROPOSED 42" CENTRAL PENN LINE SOUTH			
ACCESS ROADS - POST CONSTRUCTION STORMWATER MANAGEMENT PLAN			
PROPOSED EXISTING PERMANENT ACCESS ROAD AR-SC-063			
PINE GROVE TOWNSHIP, SCHUYLKILL COUNTY, PENNSYLVANIA			
DRAWN BY:	OLC/MS	DATE:	4/2015
CHECKED BY:	DAK	DATE:	06/12/15
APPROVED BY:	SMK	DATE:	07/07/15
W.O. NUMBER:	W01161503	DRAWING NUMBER:	24-1600-70-28-A/LL113.9-AR-SC-063
SCALE:	1"=40'	REVISION:	J
			SHEET 1 OF 1



Drawn By & Date/Time: Sking Apr 26, 2017 - 5:29pm
 Drawing Location & Name: G:\0851A\14C\14C4909\DWG\020-CPL\5_VR_PCSM\4C4909(205)-PAR-SC-063.dwg

