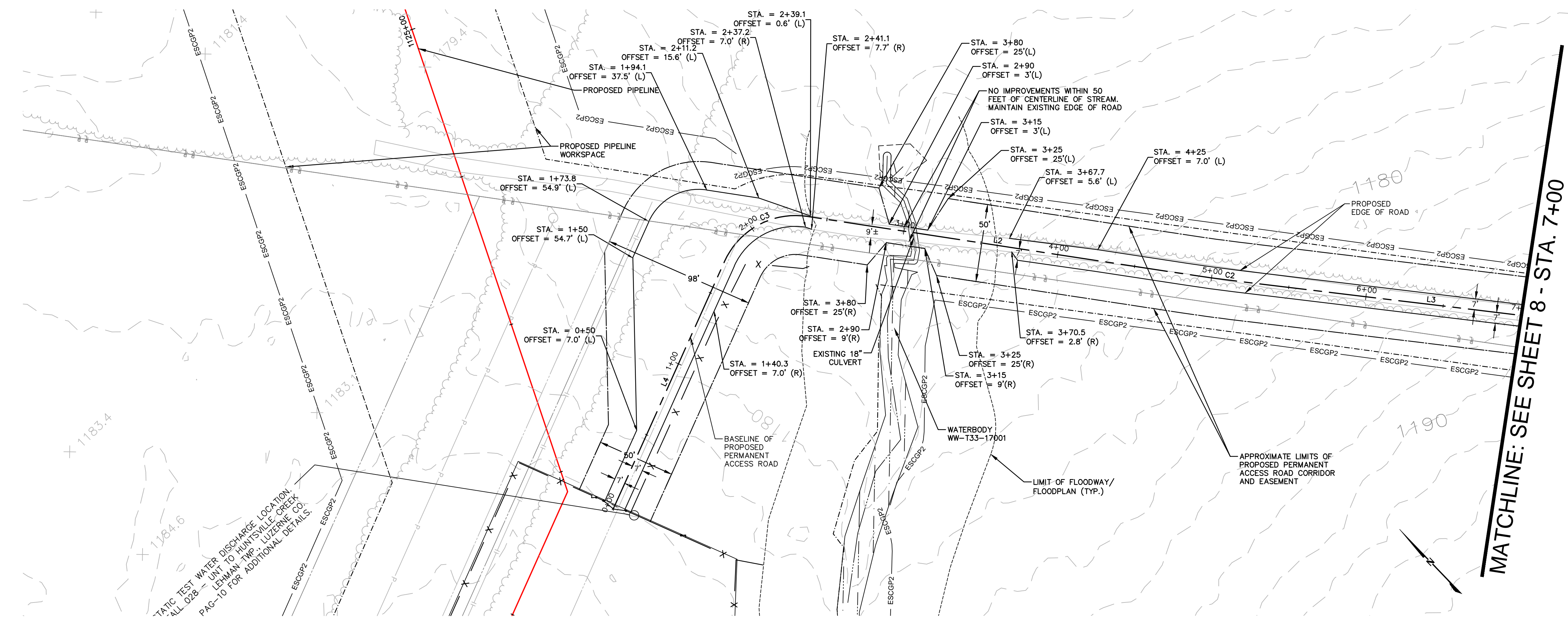


GENERAL ACCESS ROAD NOTES

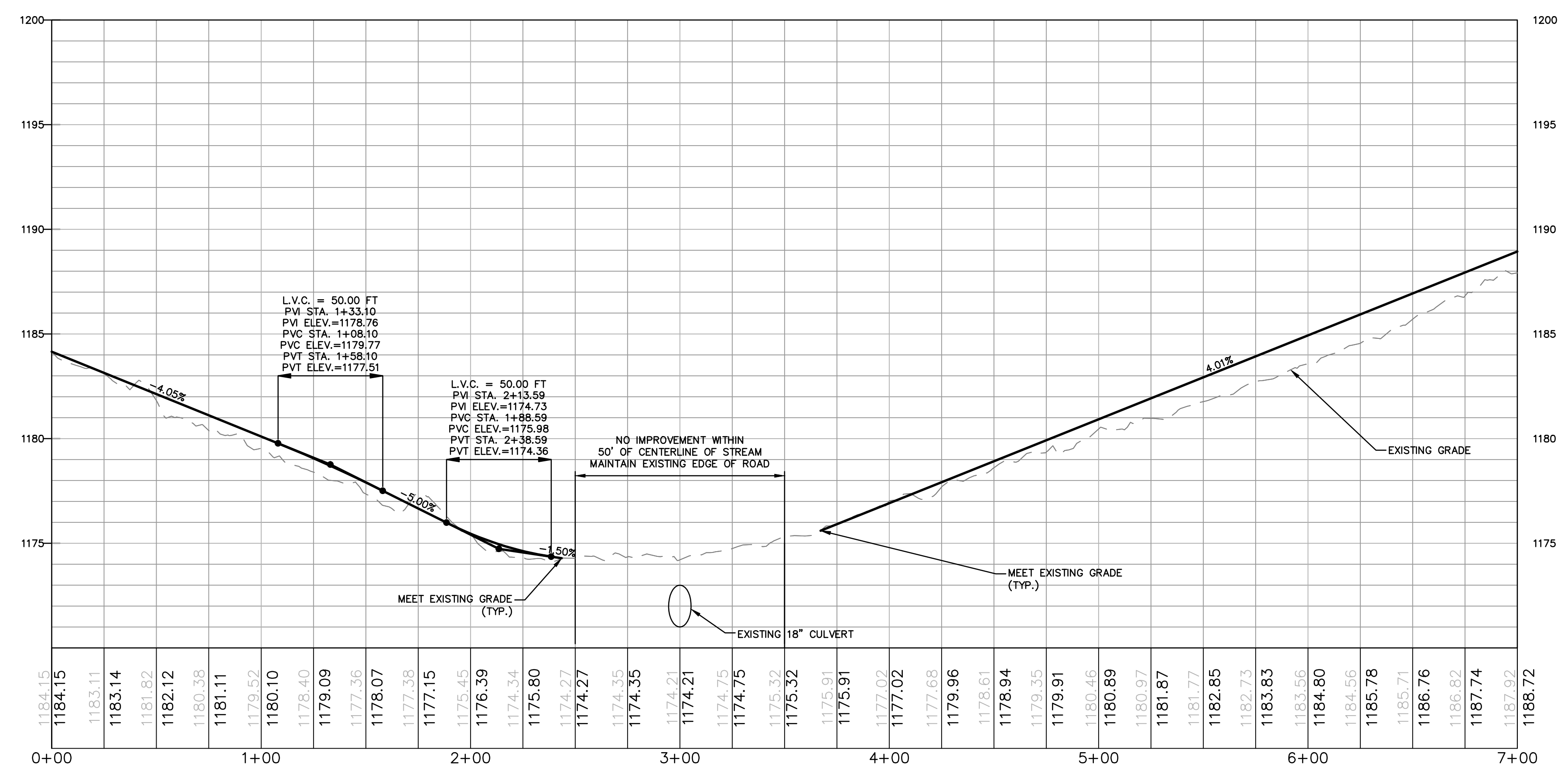
1. THE CONTRACTOR SHALL CONTACT PA ONE CALL A MINIMUM OF 72 HOURS PRIOR TO BEGINNING CONSTRUCTION.
2. TRANSITIONS BETWEEN TYPICAL ACCESS ROAD SECTIONS SHALL OCCUR OVER 50 FEET.
3. NO EARTH DISTURBING IMPROVEMENTS ARE PROPOSED WITHIN FLOODWAYS TO MINIMIZE IMPACTS.
4. **DISTURBANCE OUTSIDE THE PROPOSED LIMITS OF GRADING (WHERE APPLICABLE) SHALL BE LIMITED TO USE OF EXISTING ROADS TO ACCESS THE PIPELINE ROW, TOPSOIL STOCKPILING, INSTALLATION OF SEDIMENT BARRIERS, AND MATERIAL STORAGE IN ACCORDANCE WITH THE LAND OWNER AGREEMENT.**
5. EROSION & SEDIMENTATION CONTROLS SHALL BE LEFT IN PLACE UNTIL SUCH TIME AS THE DISTURBED AREAS HAVE PERMANENT STABILIZATION. AN AREA SHALL BE CONSIDERED TO HAVE ACHIEVED FINAL STABILIZATION WHEN IT HAS A MINIMUM UNIFORM 70% PERENNIAL VEGETATIVE COVER OR OTHER PERMANENT NON-VEGETATIVE COVER WITH A DENSITY SUFFICIENT TO RESIST ACCELERATED SURFACE EROSION AND SUBSURFACE CHARACTERISTICS SUFFICIENT TO RESIST SLIDING AND OTHER MOVEMENTS.
6. ALL SLOPES THAT ARE EQUAL TO OR STEEPER THAN 1(V):3(H) SHALL BE SEEDED AND THEN COVERED WITH EROSION CONTROL BLANKET. THE BLANKET SHALL BE NORTH AMERICAN GREEN SC150 OR APPROVED EQUAL AND INSTALLED IN ACCORDANCE WITH THE MANUFACTURERS SPECIFICATIONS.
7. ALL NONWOVEN GEOTEXTILE SHALL BE MIRAFI 140N OR EQUAL.
8. FOR PERMANENT ROADS WITH PERMANENT IMPROVEMENTS, BROAD-BASED DIPS SHALL REMAIN AS PART OF THE PERMANENT IMPROVEMENTS.

105 COORDINATION NOTE:

THE CALCULATION OF FILL VOLUMES PROVIDED WITHIN THE CHAPTER 105 APPLICATION IS BASED ON THE EXTENT OF THE ACCESS ROAD LOD WITHIN THE FLOODPLAIN/FLOODWAY TO ACCOUNT FOR WORST-CASE FIELD SCENARIOS REQUIRING THE ADDITION OF A ONE FOOT-DEPTH OF GRAVEL FOR MAINTENANCE AND/OR MINOR ACCESS ROAD WIDENING FOR IMPROVED ACCESS. AS SUCH, THE FILL VOLUME IS AN OVERESTIMATION AND DOES NOT REFLECT THE ACTUAL VOLUME OF FILL REQUIRED BY THE CURRENT ACCESS ROAD DESIGN AS PRESENTED WITHIN THE CHAPTER 105 APPLICATION. THE INCLUSION OF THE OVERESTIMATED FILL VOLUMES WITHIN THE CHAPTER 105 APPLICATION LIMITS FUTURE REVISIONS TO THE CHAPTER 105 APPLICATION DUE TO MINOR FIELD ADJUSTMENTS; CONVERSELY, REVISIONS TO ACCESS ROAD DESIGN AFTER THE 102 PERMIT ISSUANCE WILL BE COORDINATED WITH PADEP/CCD.



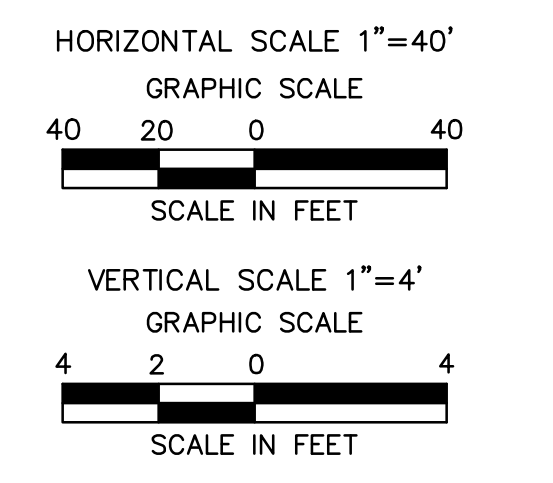
ACCESS ROAD LAYOUT



ACCESS ROAD PROFILE

No.	Northing	Easting	Bearing	Delta(Δ)	Length	Tangent	Radius
L4	B 428259.10 E 428323.33	B 2446035.37 E 2446195.13	N68°05'47.80"E		172.18'		
C3	PC 428323.33 PI 428337.50 PT 428307.35	PC 2446195.13 PI 2446230.37 PT 2446253.47		74°26'52"	64.97'	37.98'	50.0'
L2	B 428307.35 E 428111.10	B 2446253.47 E 2446403.82	S37°27'20.31"E		247.22'		
C2	PC 428111.10 PI 428098.75 PT 428086.69	PC 2446413.28 PI 2446423.12		1°46'59"	31.12'	15.56'	1000.0'
L3	B 428086.69 E 427890.79	B 2446423.12 E 2446583.12	S39°14'19.12"E		252.93'		
C1	PC 427890.79 PI 427879.24 PT 427867.40	PC 2446583.12 PI 2446592.56 PT 2446601.65		1°42'36"	29.84'	14.92'	1000.0'
L1	B 427867.40 E 427455.58	B 2446601.65 E 2446917.98	S37°31'43.19"E		519.29'		

BEGIN STA	END STA	TYPICAL SECTION
0+00	2+50	E
2+50	3+50	N/A
3+50	12+95	G



PERMANENT ACCESS ROAD LU-013.1 @ MP 21.24

ALARIC J. BUSHER
REG. NO. PE 60320

REVISIONS			
NO.	DATE	BY	DESCRIPTION
0	08/26/2015	BL	ISSUED FOR PADEP PERMIT SUBMITTAL
1	12/02/2015	BL	ISSUED FOR PADEP RESUBMITTAL
3	03/29/2016	BL	ISSUED FOR PADEP RESUBMITTAL
4	Oct. 2016	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #1
5	Apr 2017	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #2
6	AUG 2017	BL	PADEP TECHNICAL DEFICIENCY RESPONSE #3

W.D. NO. CHK. APP.

W0161499 DAK A.B.

W0161499 DAK A.B.

W0161499 DAK A.B.

W0161499 A.B. A.B.

W0161499 A.B. A.B.

W0161499 A.B. A.B.

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC
ATLANTIC SUNRISE PROJECT- PROPOSED 30" NATURAL GAS PIPELINE
SOIL EROSION & SEDIMENT CONTROL AND LAYOUT PLANS FOR NORTH
DIAMOND REGULATOR STATION & ASSOCIATED PERMANENT ACCESS ROADS
LEHMAN TOWNSHIP, LUZERNE COUNTY, PENNSYLVANIA
ACCESS ROAD LU-013.1 LAYOUT PLAN

DRAWN BY: JO DATE: 04/03/15 ISSUED FOR BID: SCALE: AS NOTED
CHECKED BY: A.B. DATE: 04/03/15 ISSUED FOR CONSTRUCTION: REVISION: 6
APPROVED BY: AB DATE: 07/17/15 DRAWING NUMBER: (36-7935)MF-1A-3 SHEET 7
NO: 1161499 OF 13

Drawn By & Date/Time: saking Jul 27, 2017 - 1:12pm
 Drawing Location & Name: G:\J08514\14C\14C4909\DWG\010-CPLN\FA_PP14C4909(10)-PLU-013-1.dwg