



PITT-04-20-025

April 8, 2020

Mr. Chris Smith
Construction Permits Section
Department of Environmental Protection
Southeast Regional Office
2 East Main Street
Norristown, Pennsylvania 19401

**Re: Sunoco Pipeline LP – Pennsylvania Pipeline Project (Mariner East II)
Chapter 102 Permit No. ESG0100015001 Major Modification – PA Turnpike/HDD 0280
Upper Uwchlan Township, Chester County, PA**

Dear Mr. Smith:

On behalf of Sunoco Pipeline LP (SPLP), Tetra Tech, Inc. provides the following responses to the Pennsylvania Department of Environmental Protection (Department) Technical Deficiency letter dated March 11, 2020, regarding the above-referenced Chapter 102 Major Modification. The supporting attachments represent additional information to be added to the original modification request. For ease of your review, each Department comment is set forth verbatim below, followed by a narrative response with supporting attachments where necessary.

Technical Deficiencies

- 1. Comment:** Please utilize a minimum of 24" Filter Sock adjacent to streams and wetlands. [102.4(c)]

Review February 26, 2020: Not adequately addressed. The District requests the use of a minimum of 24" filter sock adjacent to all streams and wetlands. [102.4(c)]

Response: *24" Compost Filter Sock (CFS) was added along stream S-Q83 and wetland WL-Q76 as shown on ES-6.25. ES-6.26 was updated to show 24" CFS adjacent to stream S-C73. The updated E&S sheets are provided in Attachment A.*

- 2. Comment:** A substantial amount of pipe is now proposed to be installed within Meadow Creek Lane. The road should be evaluated for crowning, location of inlets and E&S controls should be adjusted accordingly if needed based on the expected trenching method such as stockpiling material along the work area or placing trench material in dump trucks and hauling off to another location. [102.11(a)(1)]

Review February 26, 2020: Adequately addressed.

Response: *No response required.*

- 3. Comment:** There is a gap in the 12" filter sock upslope of the existing dwelling below station 14776+00. Please close the gap in E&S controls and check over entire plan for similar issues. [102.11(a)(1)]

Review February 26, 2020: Adequately addressed.

Mr. Chris Smith
PADEP SERO
April 8, 2020

Response: No response required.

4. **Comment:** Please provide E&S controls from station 14778+00 to 14780+00 [102.11(a)(1)]

Review February 26, 2020: Not adequately addressed. Please provide E&S controls from station 14778+00 to 14780+00 (on the east side of the Right of Way). [102.11(a)(1)]

Response: Additional CFS was added to the eastern side of the right-of-way from stationing 14778+00 to 14780+00 on sheet ES-6.26. Note that the CFS is graphically shown over the pipeline trench due to scale constraints. Actual installation of the CFS will not cross the pipeline trench, rather it will be installed adjacent to the trench perpendicular to the slope in accordance with permit requirements. The updated E&S sheet is provided in Attachment A.

5. **Comment:** Please provide a blow up of the stream/wetland crossing on the plan mapping and illustrate the proposed E&S controls for bypassing the stream flow both on the regular mapping and within the blow-up insert. [102.11(a)(1)]

Review February 26, 2020: Adequately addressed.

Response: No response required.

6. **Comment:** Please demonstrate in your response letter, the Post Construction Stormwater Management (PCSM) Narrative and the PCSM Plan Drawings how the permittee and/or co-permittee will address all of the components of Title 25 Pa. Code § 102.8(n) in the restoration or reclamation activities of the proposed earth disturbance activities for the areas of the Major Modification.

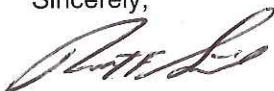
Review February 26, 2020: Adequately addressed.

Response: No response required.

Enclosed are two (2) hard copies of the modification request provided to facilitate your review of the requested modification. Attachment A includes the revised E&S drawings.

SPLP appreciates your timely review of this modification request. Should you have questions regarding this correspondence, please do not hesitate to contact me at 412-921-8163 or via e-mail at Robert.Simcik@tetrattech.com.

Sincerely,



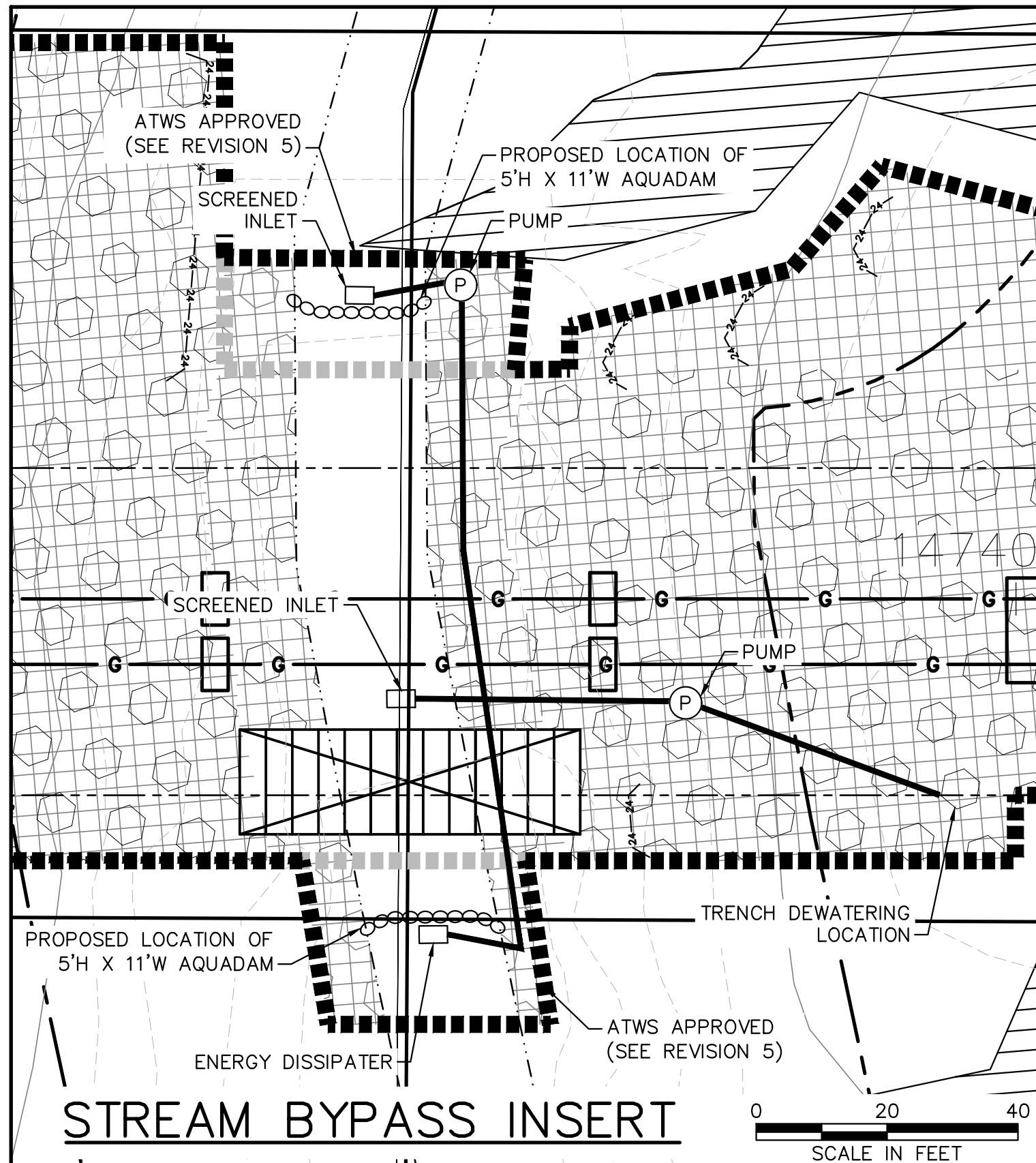
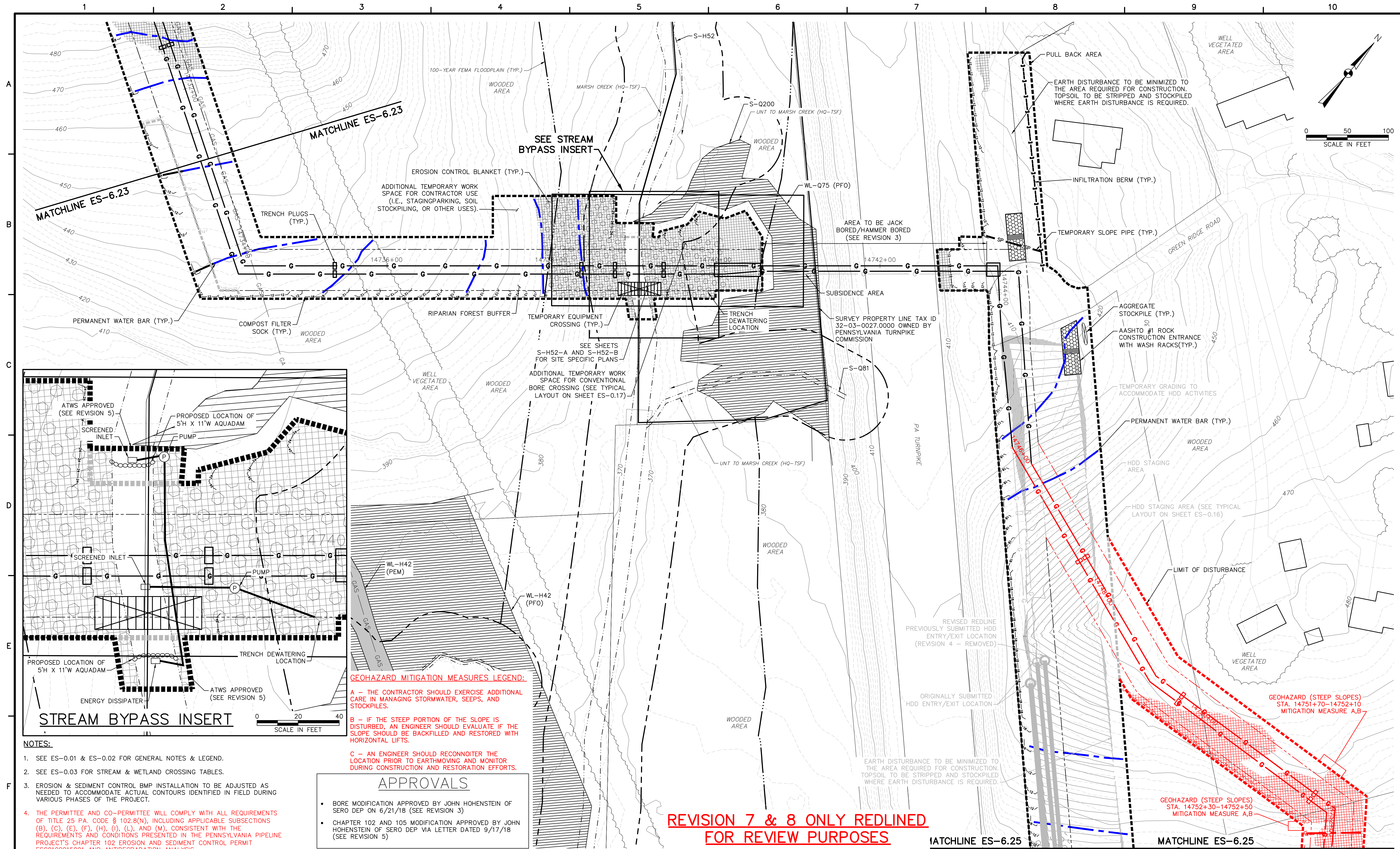
Robert F. Simcik, P.E.
Project Manager
Tetra Tech, Inc.

Enclosures: 1 original, 1 copy

cc: File 112IC05958
J. Sofranko, Chester County Conservation District
J. Hohenstein, SERO DEP
N. Bryan, Energy Transfer
M. Styles, Energy Transfer
C. Embry, Energy Transfer
B. Schaeffer, Tetra Tech

TETRA TECH

Attachment A



GEOHAZARD MITIGATION MEASURES LEGEND:

A - THE CONTRACTOR SHOULD EXERCISE ADDITIONAL CARE IN MANAGING STORMWATER, SEEPS, AND STOCKPILES.

B - IF THE STEEP PORTION OF THE SLOPE IS DISTURBED, AN ENGINEER SHOULD EVALUATE IF THE SLOPE SHOULD BE BACKFILLED AND RESTORED WITH HORIZONTAL LIFTS.

C - AN ENGINEER SHOULD RECONNOITER THE LOCATION PRIOR TO EARTHMOVING AND MONITOR DURING CONSTRUCTION AND RESTORATION EFFORTS.

APPROVALS

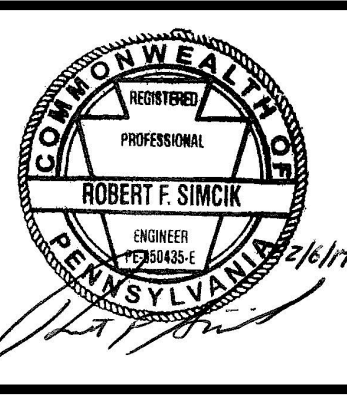
- BORE MODIFICATION APPROVED BY JOHN HOHENSTEIN OF SERO DEP ON 6/21/18 (SEE REVISION 3)
- CHAPTER 102 AND 105 MODIFICATION APPROVED BY JOHN HOHENSTEIN OF SERO DEP VIA LETTER DATED 9/17/18 (SEE REVISION 5)

- NOTES:**
- SEE ES-0.01 & ES-0.02 FOR GENERAL NOTES & LEGEND.
 - SEE ES-0.03 FOR STREAM & WETLAND CROSSING TABLES.
 - EROSION & SEDIMENT CONTROL BMP INSTALLATION TO BE ADJUSTED AS NEEDED TO ACCOMMODATE ACTUAL CONTOURS IDENTIFIED IN FIELD DURING VARIOUS PHASES OF THE PROJECT.
 - THE PERMITTEE AND CO-PERMITTEE WILL COMPLY WITH ALL REQUIREMENTS OF TITLE 25 PA. CODE § 102.8(N), INCLUDING APPLICABLE SUBSECTIONS (B), (C), (E), (F), (H), (I), (L), AND (M), CONSISTENT WITH THE REQUIREMENTS AND CONDITIONS PRESENTED IN THE PENNSYLVANIA PIPELINE PROJECT'S CHAPTER 102 EROSION AND SEDIMENT CONTROL PERMIT ESG0100015001 AND ANTI-DEGRADATION ANALYSIS.

REVISION 7 & 8 ONLY REDLINED FOR REVIEW PURPOSES

TETRA TECH
www.tetrattech.com
661 ANDERSEN DRIVE - FOSTER PLAZA 7
PITTSBURGH, PA 15220
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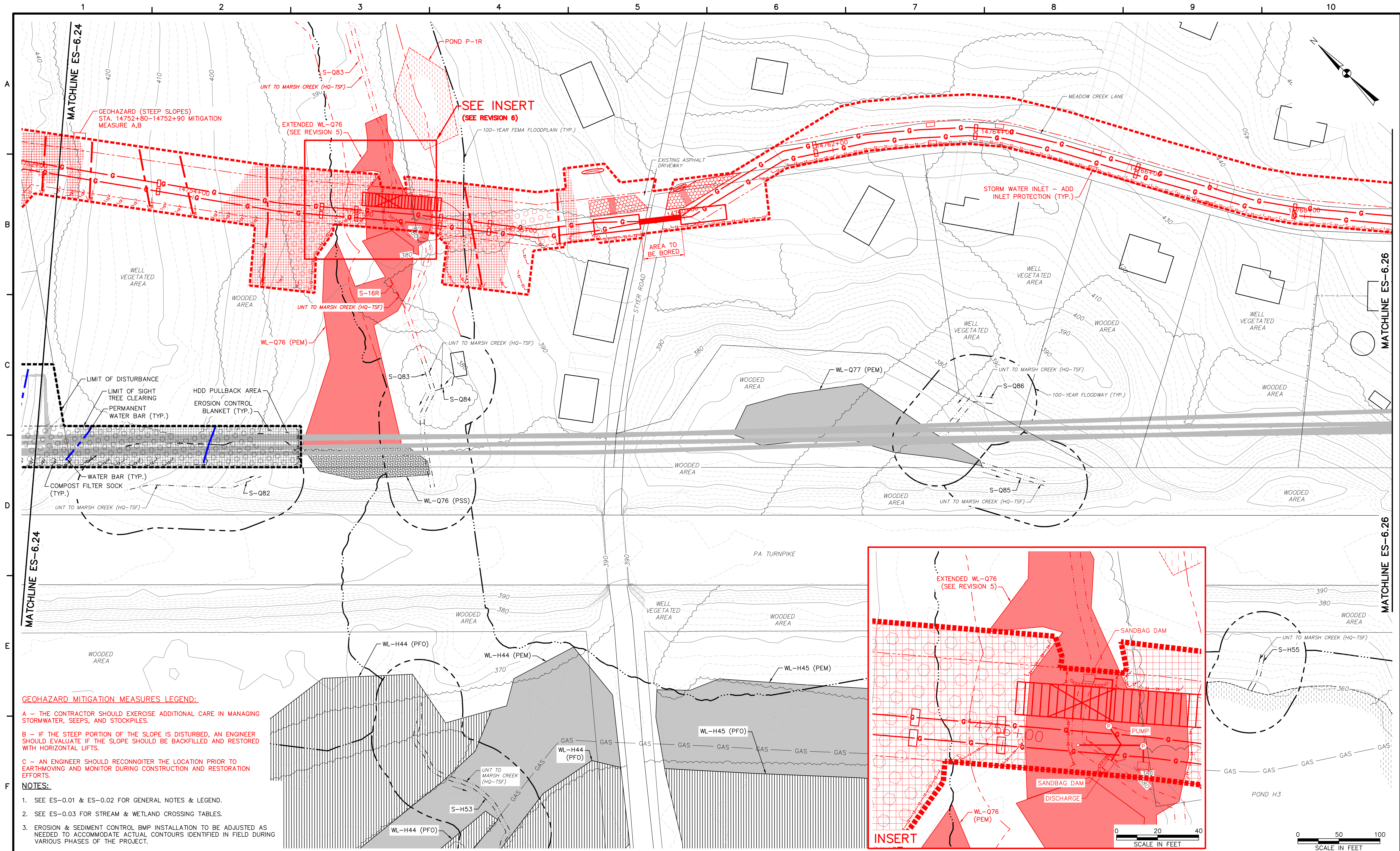
REVISIONS			
NO.	BY	DATE	REMARKS
2	RS	5/25/17	DRAWINGS PROVIDED TO FIELD
3	RS	3/5/18	BORE METHOD REVISION
4	RS	6/26/18	HDD AND CENTERLINE MODIFICATION
5	RS	8/3/18	ATWS ADDED FOR STREAM BYPASS INSERT
6	RS	12/17/18	PROPERTY LINE AND SUBSIDIANCE ADDED
7	RS	3/12/19	16" AND 20" RE-ROUTE
8	RS	1/24/20	EDITED PER TECHNICAL RESPONSE TO COMMENTS



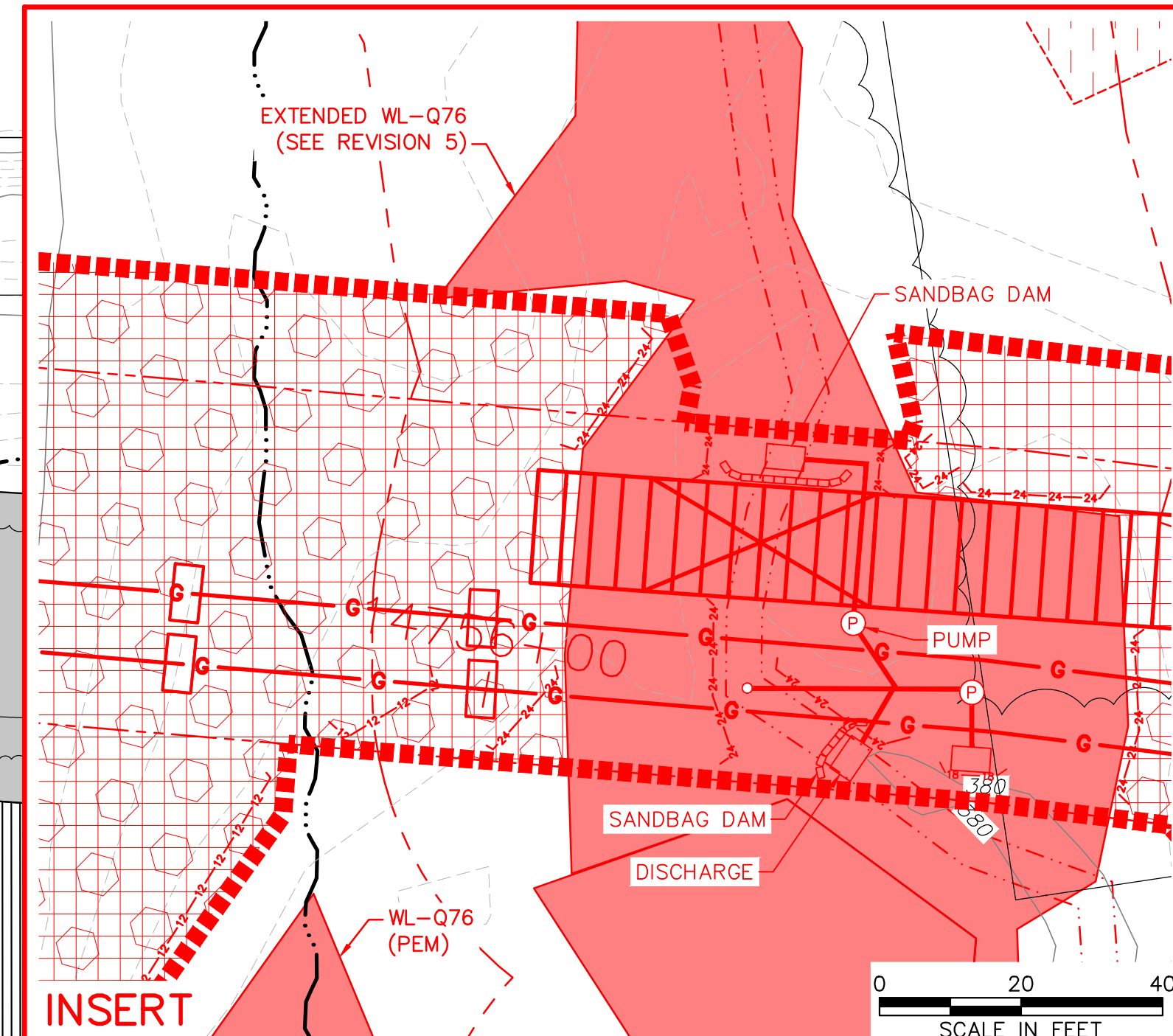
SUNOCO PIPELINE LP
SINKING SPRING, PENNSYLVANIA
**PENNSYLVANIA PIPELINE PROJECT
CONSTRUCTION SPREAD 6**

1-20" & 1-16" WELDED STEEL NATURAL GAS PIPELINES
CHESTER COUNTY CONSERVATION DISTRICT
EROSION & SEDIMENT CONTROL &
SITE RESTORATION PLAN
SHEET 24 OF 74

DATE:	2/6/17
PROJECT NO.:	112C05958
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CHECKED BY:	RS
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ES-6.24	
SHEET 6.24 OF 99	

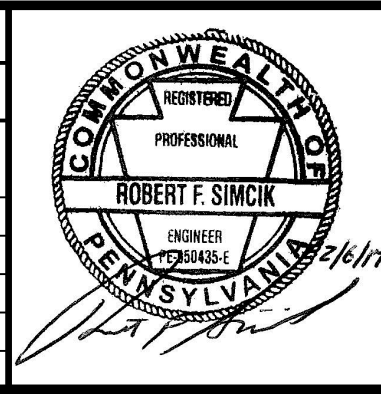


- GEOHAZARD MITIGATION MEASURES LEGEND:**
- A - THE CONTRACTOR SHOULD EXERCISE ADDITIONAL CARE IN MANAGING STORMWATER, SEEPS, AND STOCKPILES.
 - B - IF THE STEEP PORTION OF THE SLOPE IS DISTURBED, AN ENGINEER SHOULD EVALUATE IF THE SLOPE SHOULD BE BACKFILLED AND RESTORED WITH HORIZONTAL LIFTS.
 - C - AN ENGINEER SHOULD RECONNOITER THE LOCATION PRIOR TO EARTHMOVING AND MONITOR DURING CONSTRUCTION AND RESTORATION EFFORTS.
- NOTES:**
1. SEE ES-0.01 & ES-0.02 FOR GENERAL NOTES & LEGEND.
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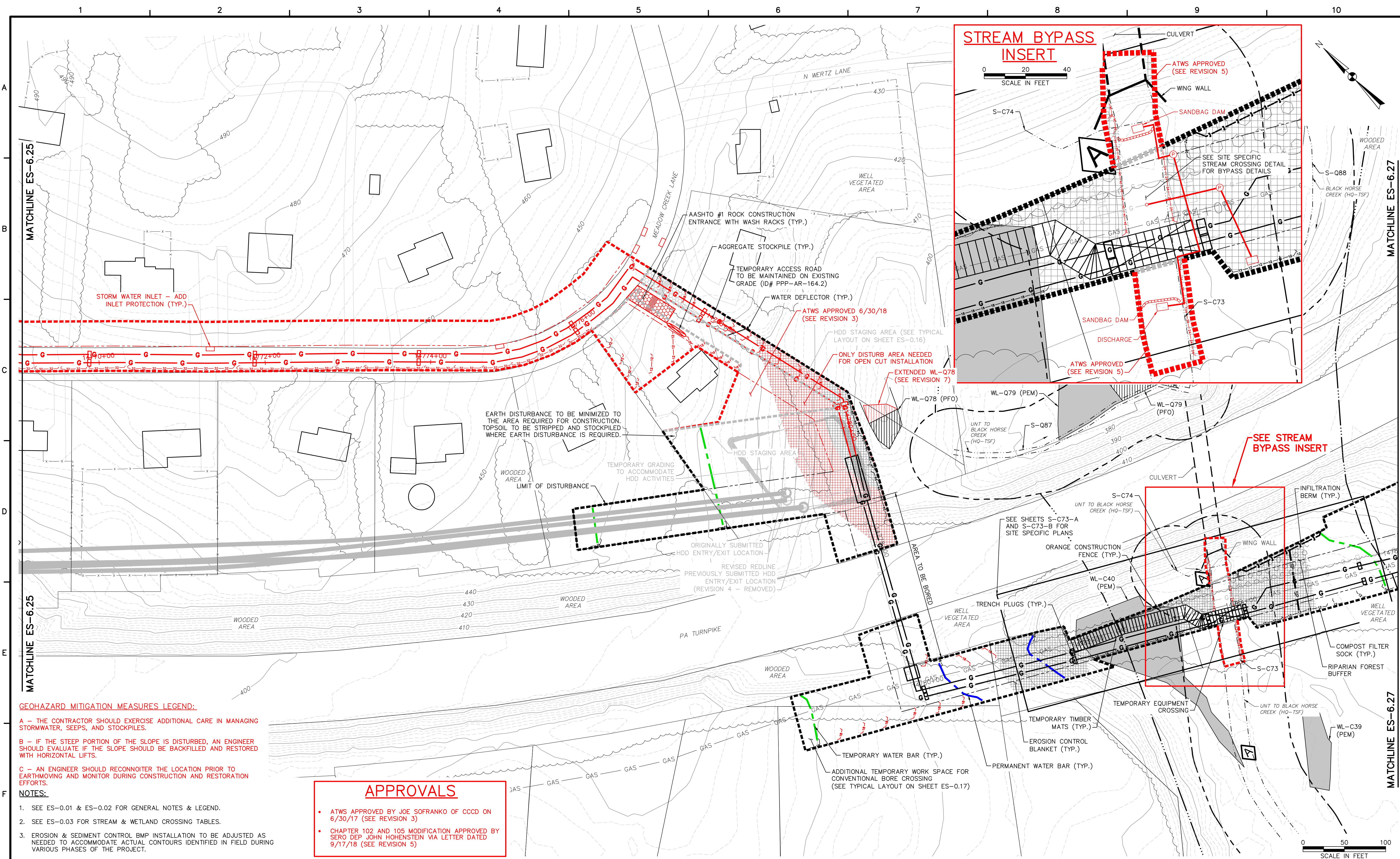
NO.		BY	DATE	REVISIONS	REMARKS
1	RS		3/28/17	INCORPORATED THE SPECIAL CONDITIONS SET FORTH IN DEP'S CHAPTER 102 AND CHAPTER 105 PERMITS	
2	RS		5/25/17	DRAWINGS PROVIDED TO FIELD	
3	RS		6/26/18	HDD MODIFICATION	
4	RS		3/12/19	16" AND 20" RE-ROUTE	
5	RS		7/30/19	EXTENDED WETLAND WL-Q76	
6	RS		1/24/20	ADDED INSERT AND E&S CHANGES	



SUNOCO PIPELINE LP
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CHESTER COUNTY CONSERVATION DISTRICT
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SHEET 25 OF 74

DATE:	2/6/17
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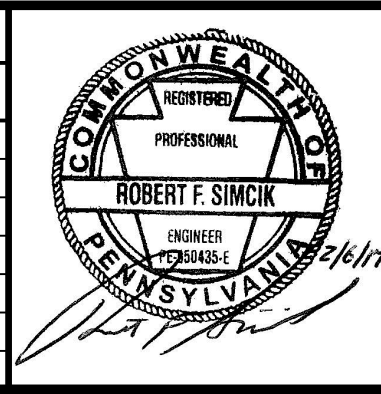
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- NOTES:**
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 2. SEE ES-0.03 FOR STREAM & WETLAND CROSSING TABLES.
 3. EROSION & SEDIMENT CONTROL BMP INSTALLATION TO BE ADJUSTED AS NEEDED TO ACCOMMODATE ACTUAL CONTOURS IDENTIFIED IN FIELD DURING VARIOUS PHASES OF THE PROJECT.

APPROVALS

- ATWS APPROVED BY JOE SOFRANKO OF CCCD ON 6/30/17 (SEE REVISION 3)
- CHAPTER 102 AND 105 MODIFICATION APPROVED BY SERO DEP JOHN HOHENSTEIN VIA LETTER DATED 9/17/18 (SEE REVISION 5)

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PITTSBURGH, PA 15220
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2	RS	5/25/17	DRAWINGS PROVIDED TO FIELD
3	RS	6/28/17	ATWS ADDED
4	RS	6/26/18	HDD MODIFICATION
5	RS	7/26/18	ATWS MODIFICATION AND STREAM BYPASS INSERT
6	RS	3/12/19	16" AND 20" RE-ROUTE
7	RS	7/30/19	EXTENDED WETLAND WL-Q78
8	RS	4/2/20	UPDATED E&S CONTROLS



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SHEET 26 OF 74

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