

**ATTACHMENT K**  
**REVISED SITE-SPECIFIC DRAWINGS**

FALCON ETHANE PIPELINE SYSTEM  
 EROSION AND SEDIMENT CONTROL SITE SPECIFIC PLANS  
 WASHINGTON COUNTY, PA

PREPARED FOR:  
 SHELL PIPELINE COMPANY LP  
 150 N DAIRY ASHFORD RD  
 HOUSTON, TX 77079

SEPTEMBER, 2017  
 REVISED: AUGUST, 2018

PREPARED BY:  
 AECOM  
 FOSTER PLAZA 6  
 681 ANDERSEN DRIVE  
 SUITE 400  
 PITTSBURGH, PA 15220

2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	NS	JR	FALCON ETHANE PIPELINE SYSTEM	
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR		
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW	SHELL PIPELINE COMPANY LP	
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP	COVER	
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DATE:		09/14/17	SPLC-GOM-AE-SA124660			REV.	
BY:		IMM				1	

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 Last saved by: TASHINA.MCKINNEY (7/27/2018 2:53 PM) Last Plotted: 2018-07-31 (7/31/2018 1:42 PM)

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Last saved by: TASHINA.MCKINNEY (7/27/2018 2:53 PM) Last Plotted: 2018-07-31 (7/31/2018 1:42 PM)

**EXISTING:**

	EXISTING CONTOURS (INDEX)		ROAD CENTERLINE
	EXISTING CONTOURS (INTERMEDIATE)		WATER LINE
	PROPERTY LINE		GUIDE RAIL
	STREAM		SIGN
	WETLAND		MAILBOX
	OPEN-ENDED WETLAND		TREE
	SANITARY SEWER		TELEPHONE PEDESTOOL
	FENCE LINE		GAS METER
	ELECTRIC UTILITY		WELL
	GAS LINE		PIPELINE MARKER
	OVERHEAD POWER LINE		CATCH BASIN
	CULVERT		PIPELINE TEST LEAD
	TREE / BRUSH LINE		WATER METER
	UTILITY POLE, GAS LINE MAKER		STORM SEWER MANHOLE
	RIPARIAN BUFFER (100' BUFFER)		SANITARY SEWER MANHOLE
	50' ASSUMED FLOODWAY		

**PROPOSED:**

	ACCESS ROAD CENTERLINE
	PROPOSED PIPELINE
	PROPOSED BORE/HDD
	PROPOSED LIMIT OF DISTURBANCE
	ACCESS ROAD CENTERLINE
	PROPOSED SILT FENCE (BY TYPE)
	PROPOSED COMPOST FILTER SOCK
	PROPOSED WATERBAR
	PROPOSED TRENCH PLUG
	PROPOSED ORANGE SAFETY FENCE
	PROPOSED TIMBER MAT
	PROPOSED EROSION CONTROL BLANKET
	PROPOSED STONE CONSTRUCTION ENTRANCE

2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	NS	JR
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

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**FALCON ETHANE PIPELINE SYSTEM**

**SCIO TO JUNCTION**

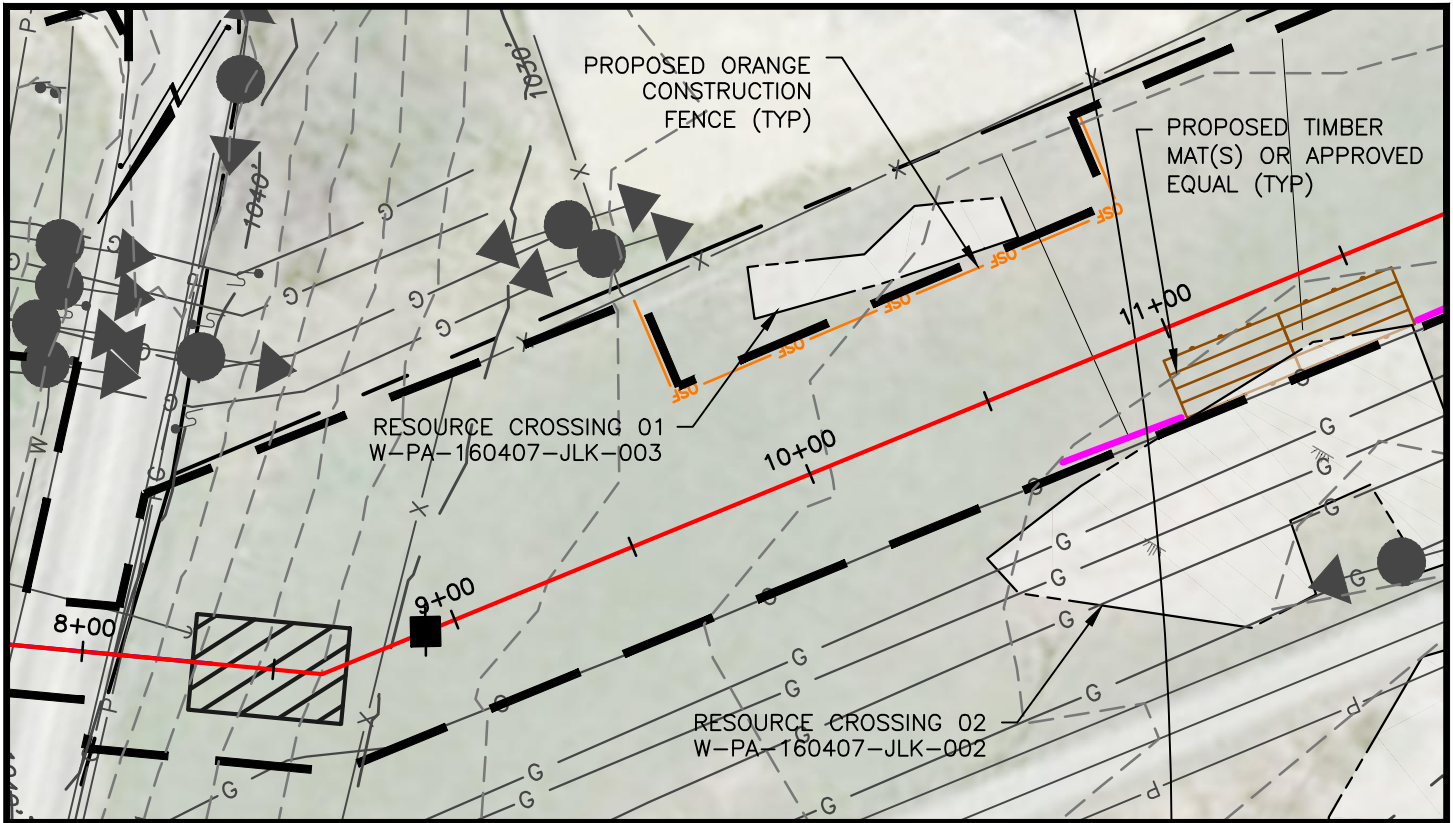
**LEGEND**

WASHINGTON CO.

PA

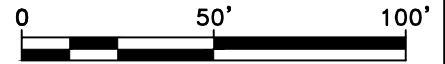
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BY:	IMM		1

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Last saved by: JAN.M.MOORE (7/31/2018 12:19 PM) Last Plotted: 2018-07-31 (7/31/2018 1:42 PM)



NOTES:

1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
2. WETLAND INFORMATION BASED ON FIELD DELINEATION PERFORMED BY AECOM.
3. EXISTING GRADE INFORMATION BASED ON FIELD SURVEY PROVIDED BY PERCHERON, LLC.
4. PIPELINE LOCATED 4 FEET MINIMUM BENEATH EXISTING GRADE.
5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.



SCALE: 1" = 50'

REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2		REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

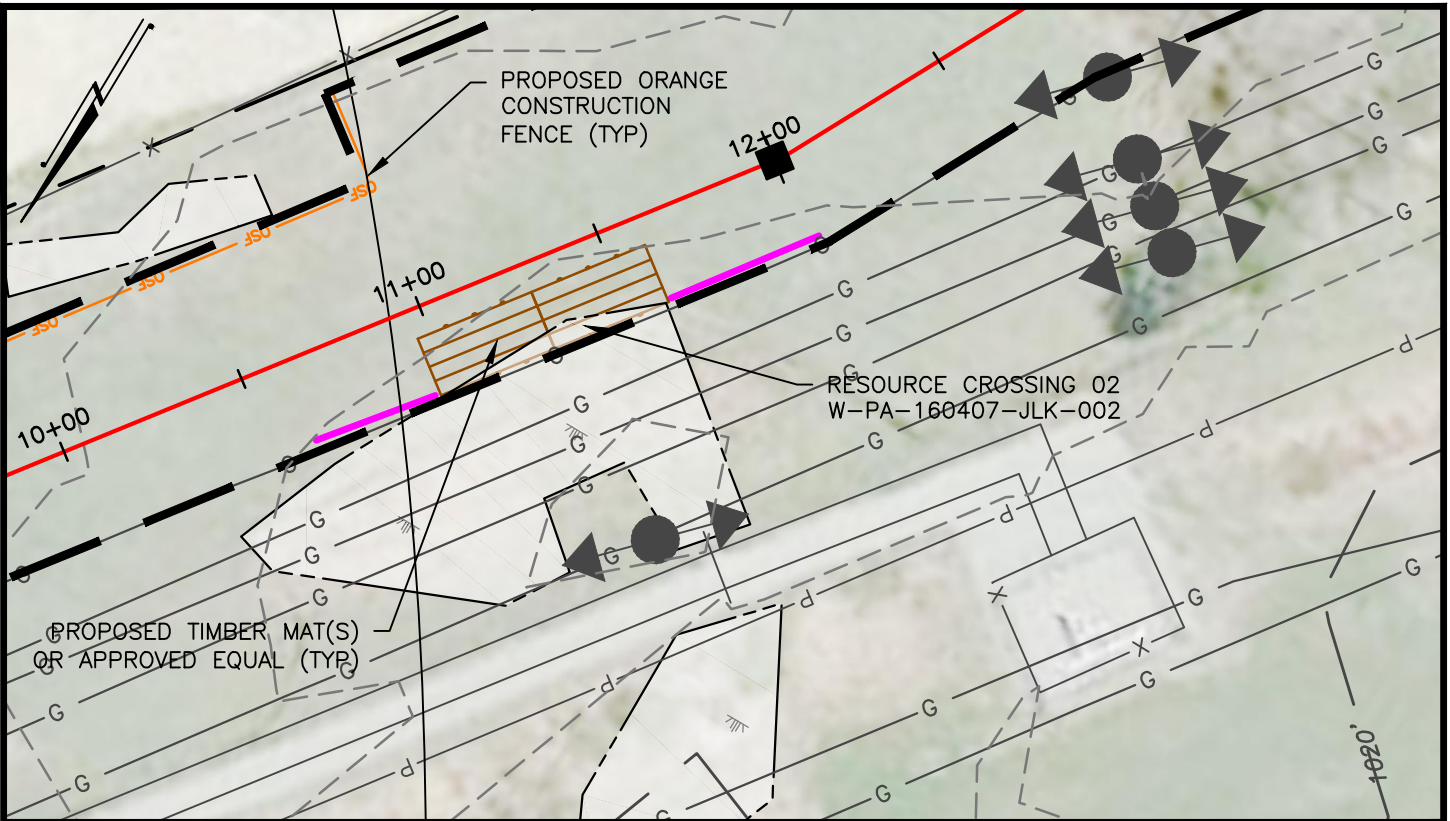
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FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION

SS001 - RESOURCE CROSSING #1  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124500	REV.
BY:	IMM		2

Filename: Y:\PROJECTS\1747\SHELL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\002-WET002.DWG  
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0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

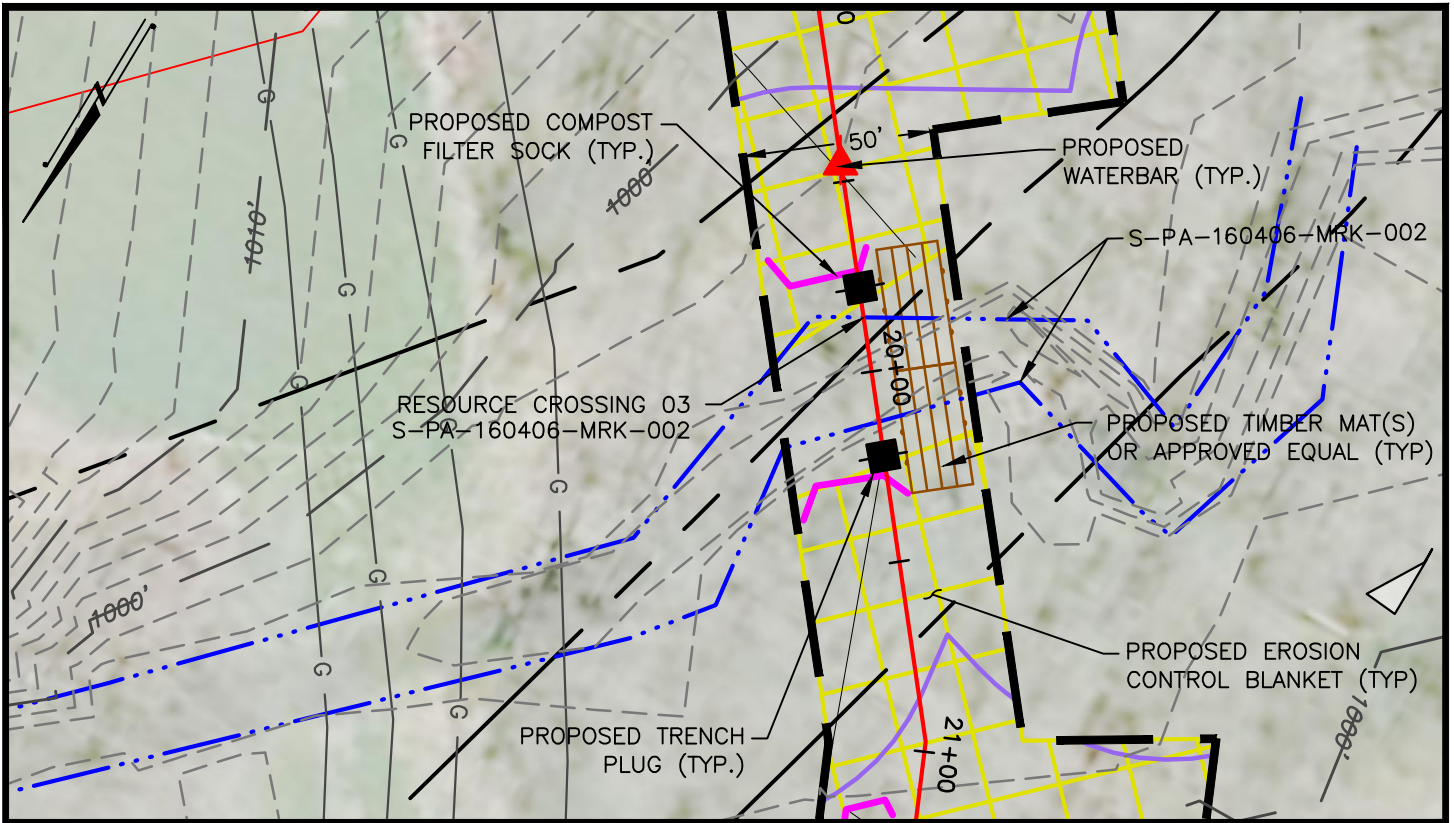
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FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION

SS002 - RESOURCE CROSSING #2  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124501	REV.
BY:	IMM		2

File name: Y:\PROJECTS\1747\SHILL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\002-2-S01.DWG  
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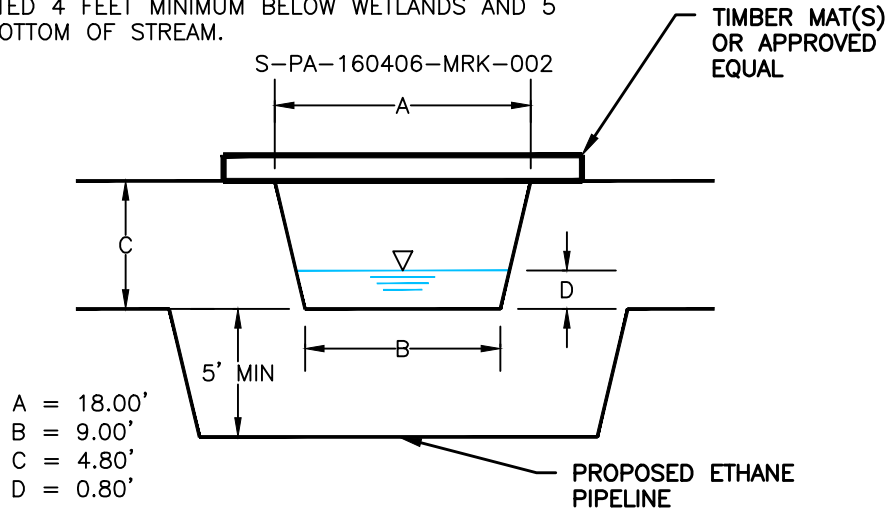


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SCALE: 1" = 50'



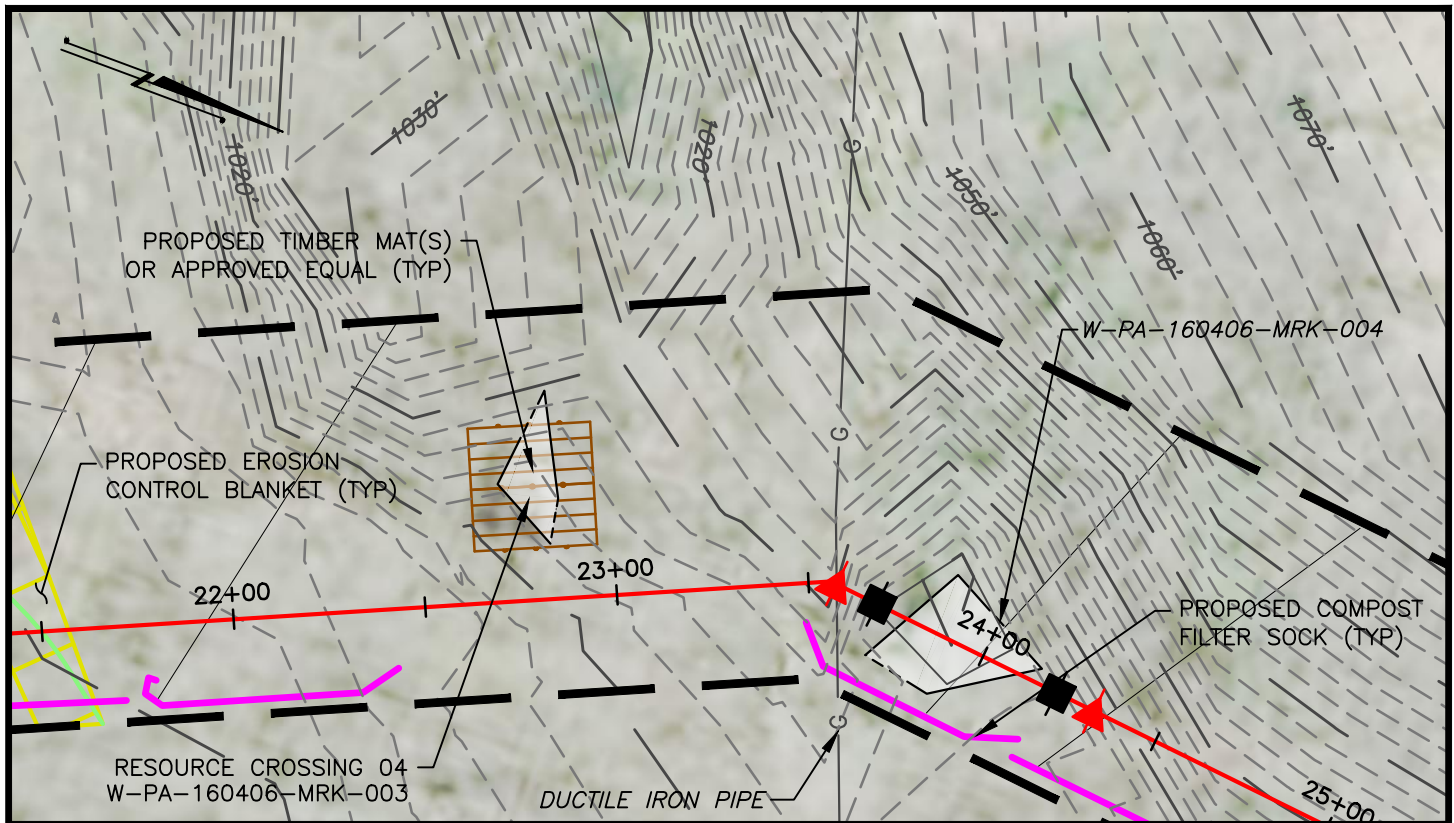
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FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS004 - RESOURCE CROSSING #3		
CHARTIERS TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124503



Filename: Y:\PROJECTS\1747\SHLL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\003-WET001.DWG  
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0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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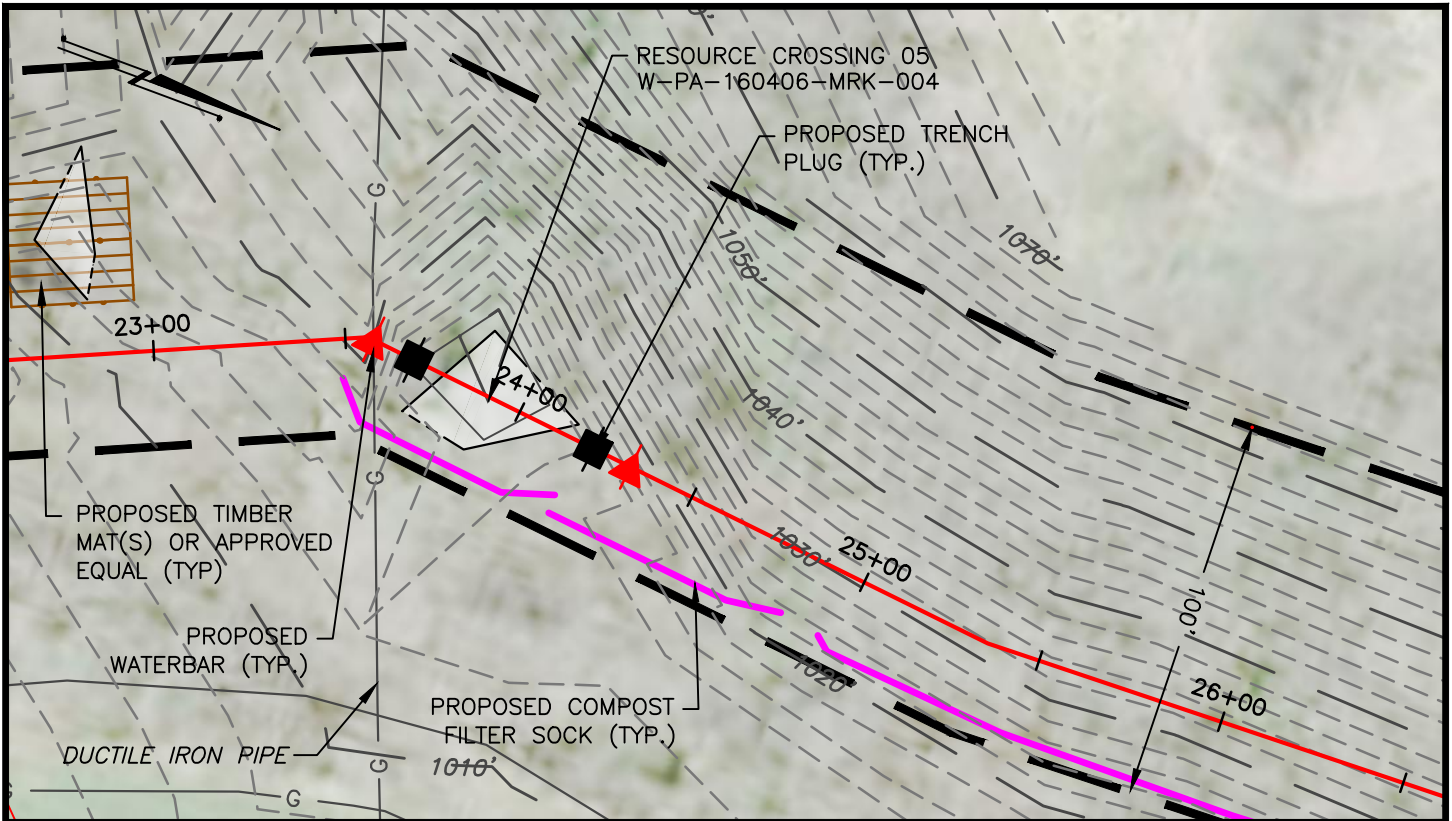
FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

SS005 - RESOURCE CROSSING #4  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

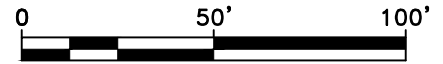
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BY:	IMM		2

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SCALE: 1" = 50'

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0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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FALCON ETHANE PIPELINE SYSTEM

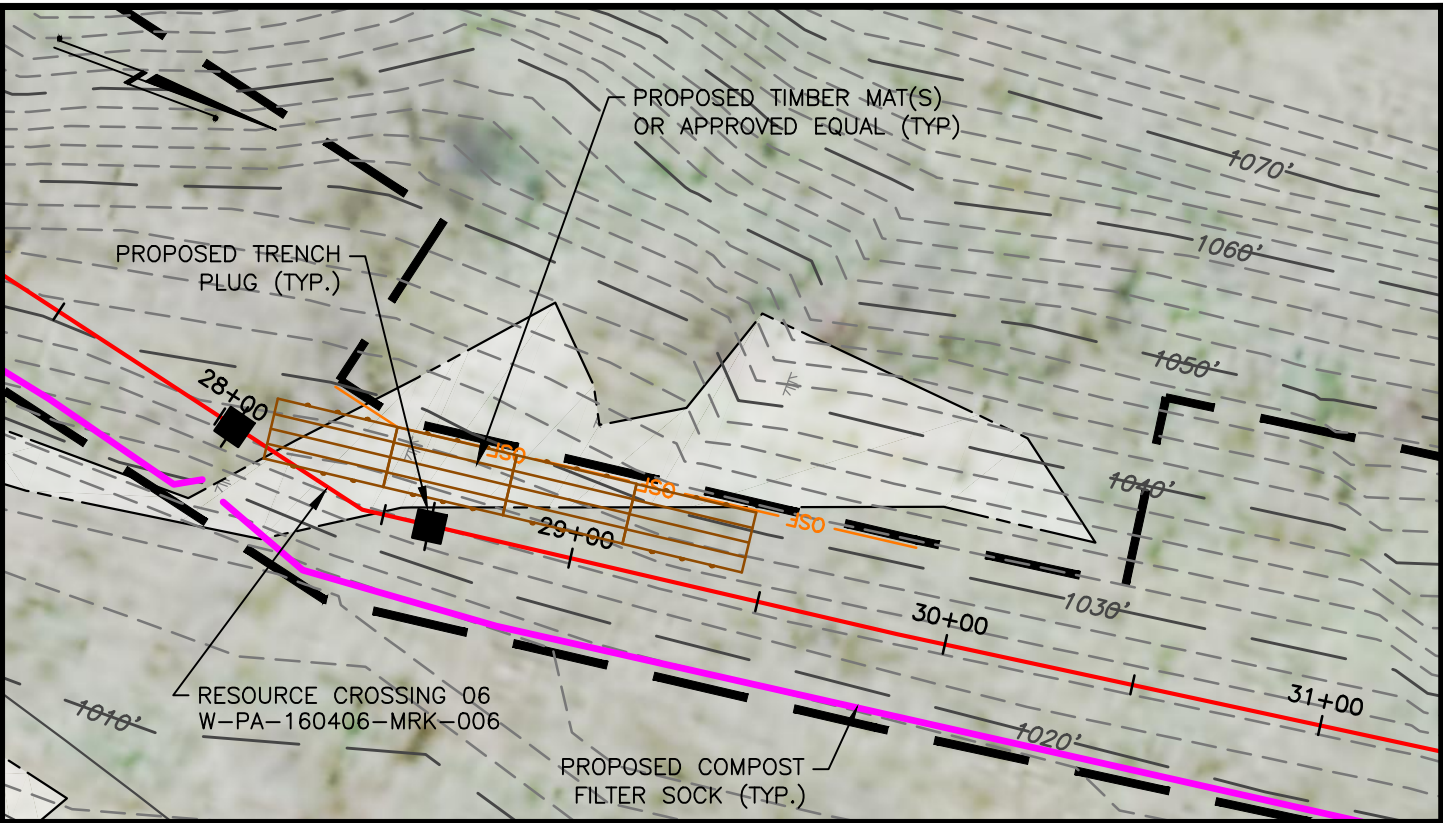
HOUSTON TO JUNCTION

SS006 - RESOURCE CROSSING #5  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124505	REV.
BY:	IMM		2

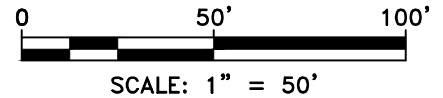


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**NOTES:**

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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

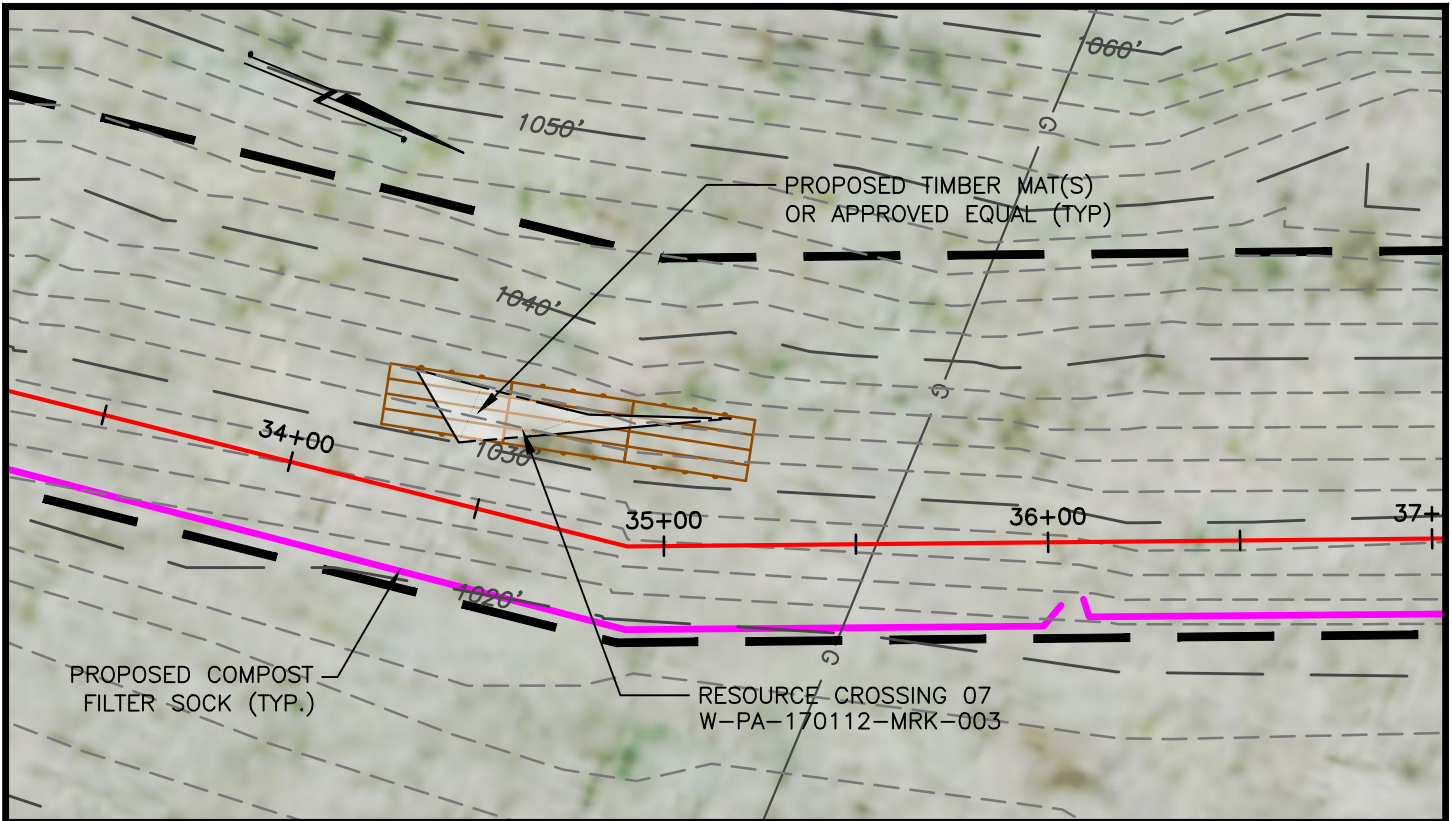
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**FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION**

**SS007 - RESOURCE CROSSING #6**  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

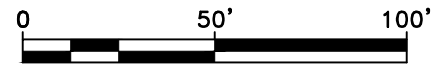
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BY:	IMM		2

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Last saved by: TASHINA.MCKINNEY (7/26/2018 11:52 AM) Last Plotted: 2018-07-31 (7/31/2018 1:46 PM)



**NOTES:**

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SCALE: 1" = 50'

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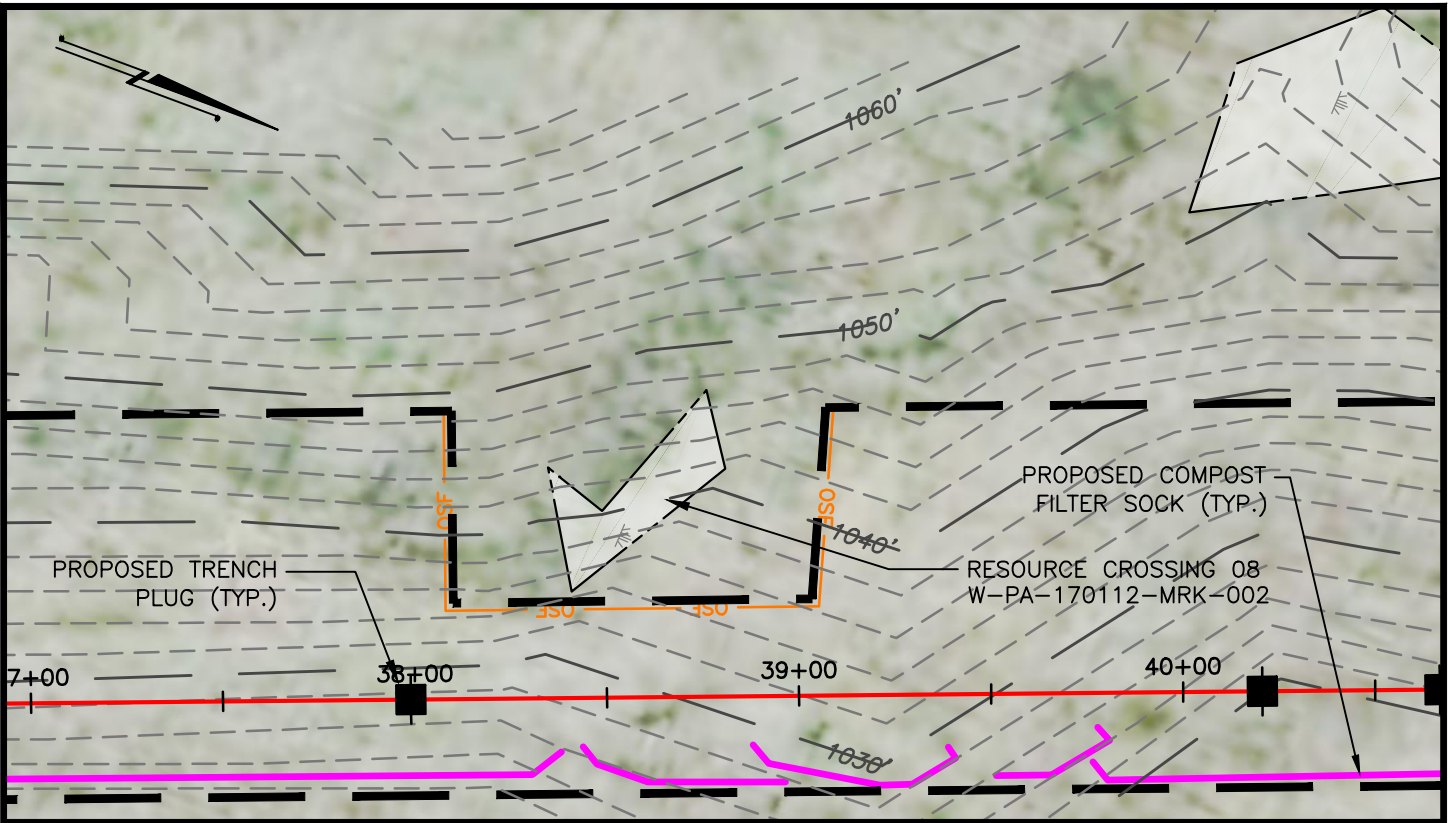
FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

SS008 - RESOURCE CROSSING #7  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

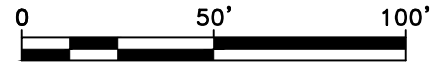
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BY:	IMM		2

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SCALE: 1" = 50'

PROJECT WORKSPACE HAS BEEN  
REVISED TO REMOVE IMPACT TO  
THIS RESOURCE.

REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
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FALCON ETHANE PIPELINE SYSTEM

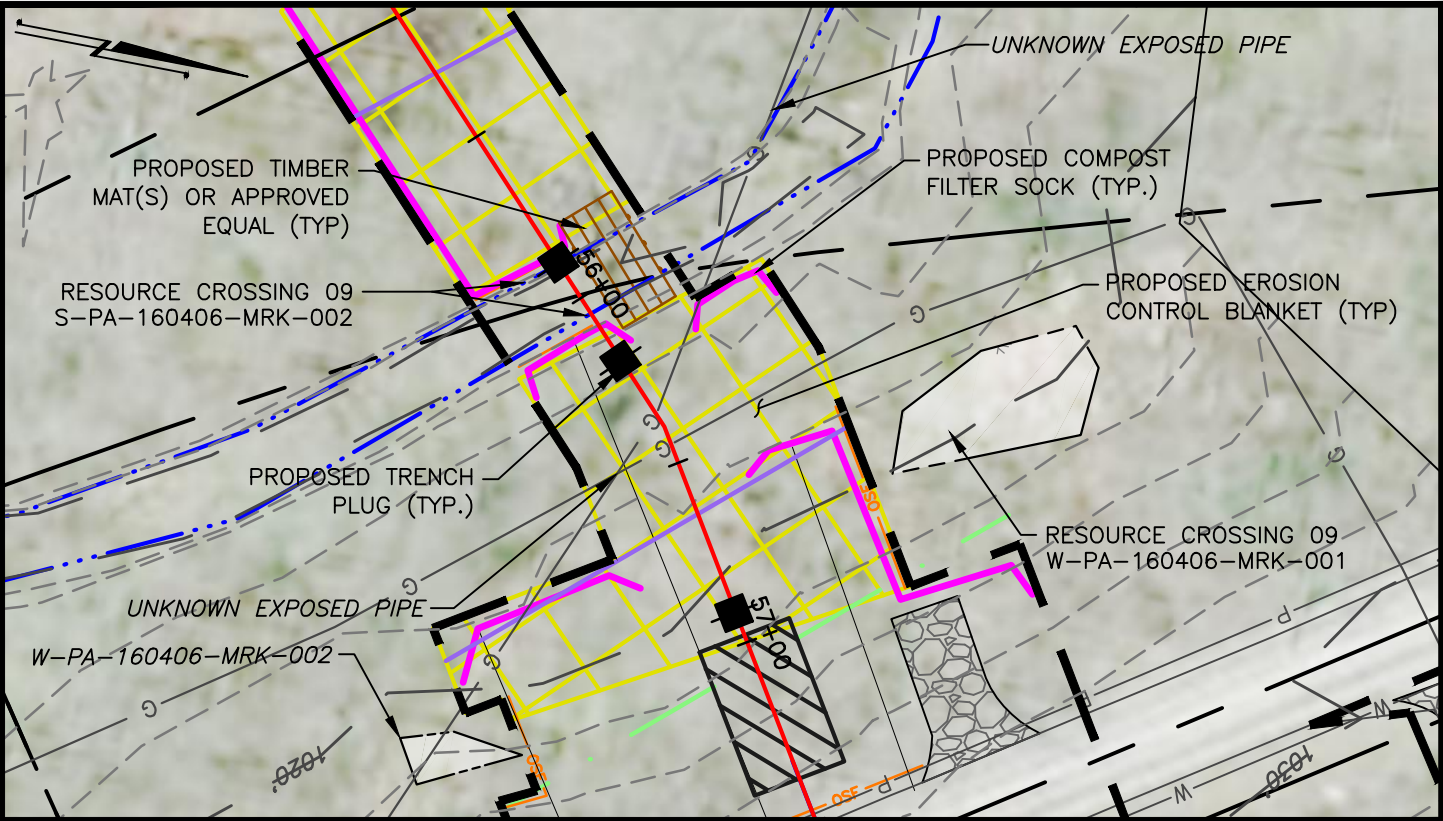
HOUSTON TO JUNCTION

SS009 - RESOURCE CROSSING #8  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124508	REV.
BY:	IMM		2

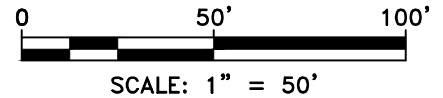


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Last saved by: JAN.M. MOORE (7/31/2018 12:37 PM) Last Plotted: 2018-07-31 (7/31/2018 1:47 PM)

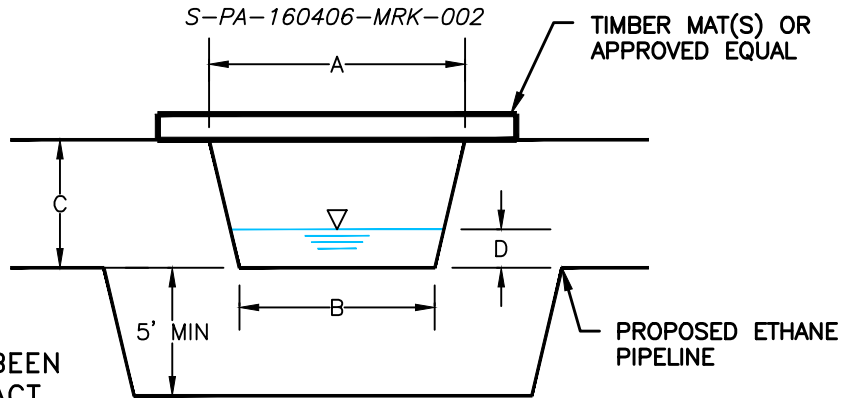


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A = 18.00'  
B = 9.00'  
C = 4.80'  
D = 0.80'



PROJECT WORKSPACE HAS BEEN ADJUSTED TO MINIMIZE IMPACT TO THESE RESOURCES.

REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
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FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION

SS010 - RESOURCE CROSSING #9  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124509	REV.
BY:	IMM		2

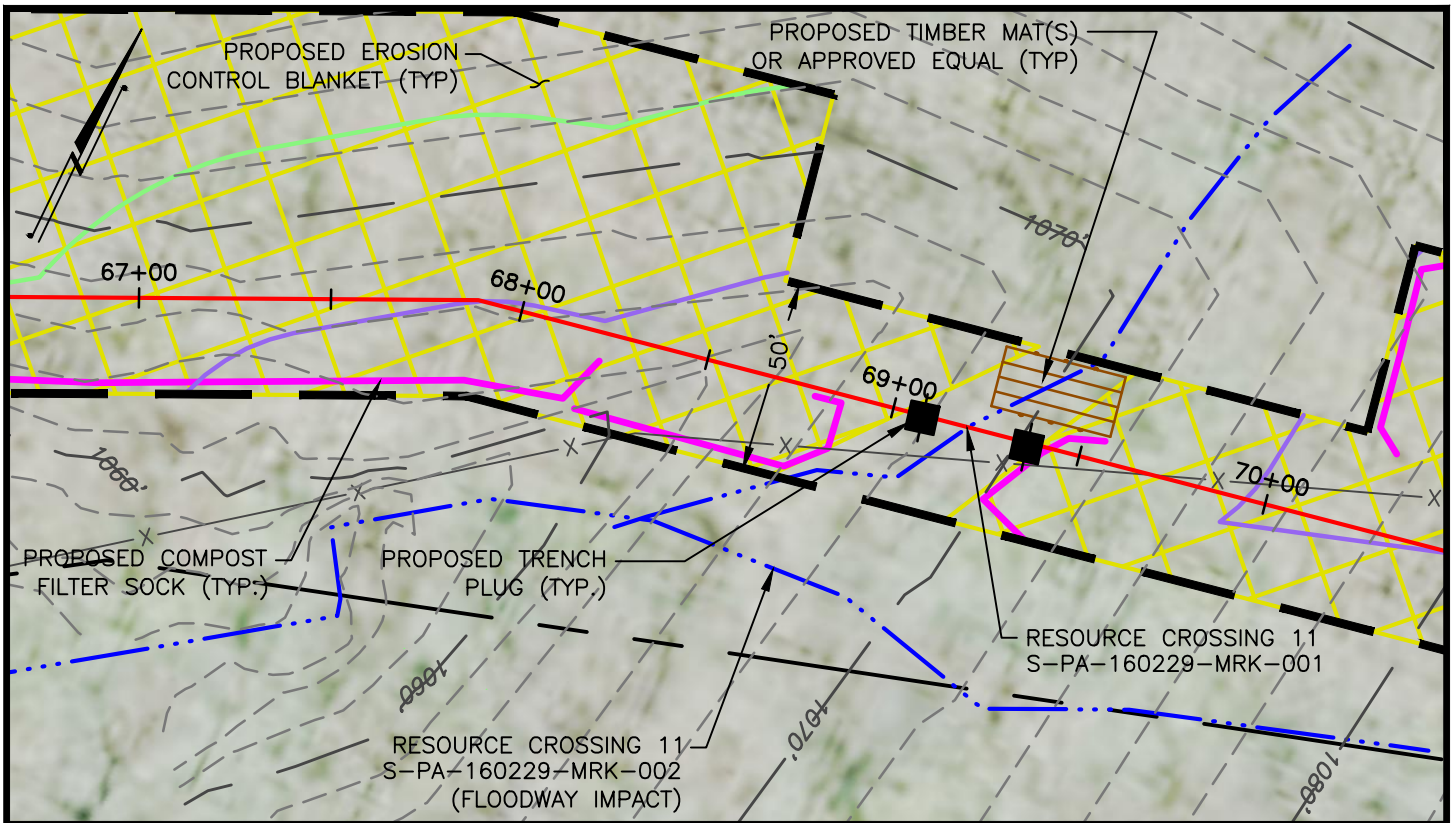
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FALCON ETHANE PIPELINE SYSTEM			
HOUSTON TO JUNCTION			
SS011 - RESOURCE CROSSING #10			
CHARTIERS TOWNSHIP			
WASHINGTON COUNTY,			PA
DATE:	09/14/17	SPLC-GOM-AE-SA124510	REV.
BY:	IMM		2

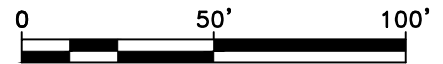


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Last saved by: JAN.M.MOORE (7/31/2018 12:54 PM) Last Plotted: 2018-07-31 (7/31/2018 1:48 PM)



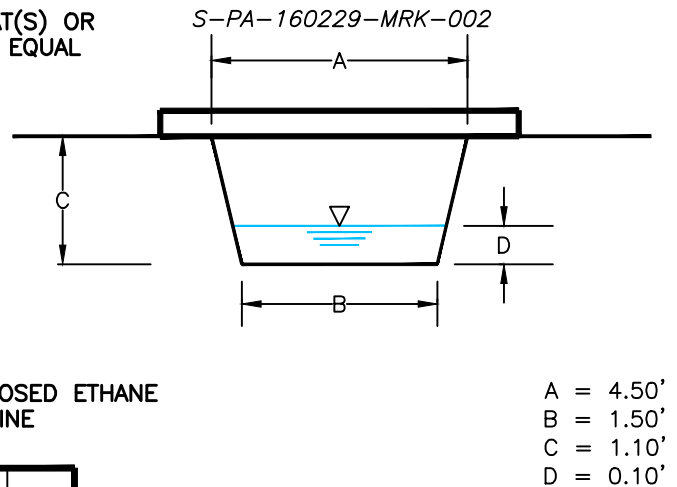
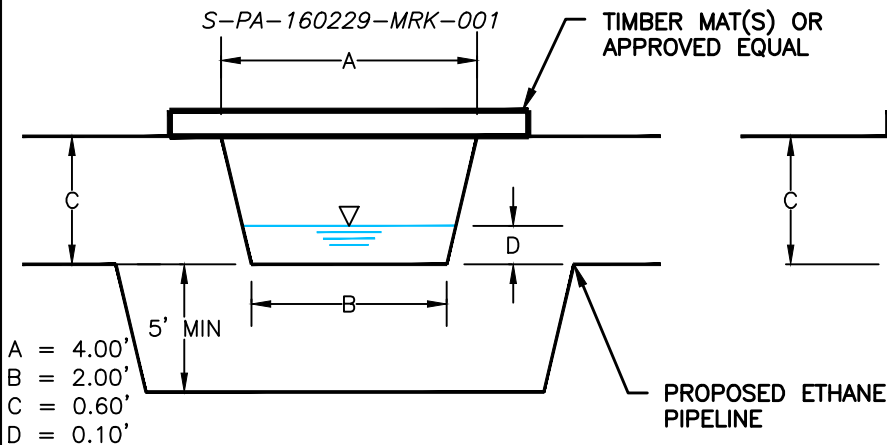
NOTES:

1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
2. WETLAND INFORMATION BASED ON FIELD DELINEATION PERFORMED BY AECOM.
3. EXISTING GRADE INFORMATION BASED ON FIELD SURVEY PROVIDED BY PERCHERON, LLC.
4. PIPELINE LOCATED 4 FEET MINIMUM BENEATH EXISTING GRADE.
5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.



SCALE: 1" = 50'

PROJECT WORKSPACE HAS BEEN ADJUSTED TO MINIMIZE IMPACTS TO THESE RESOURCES.



REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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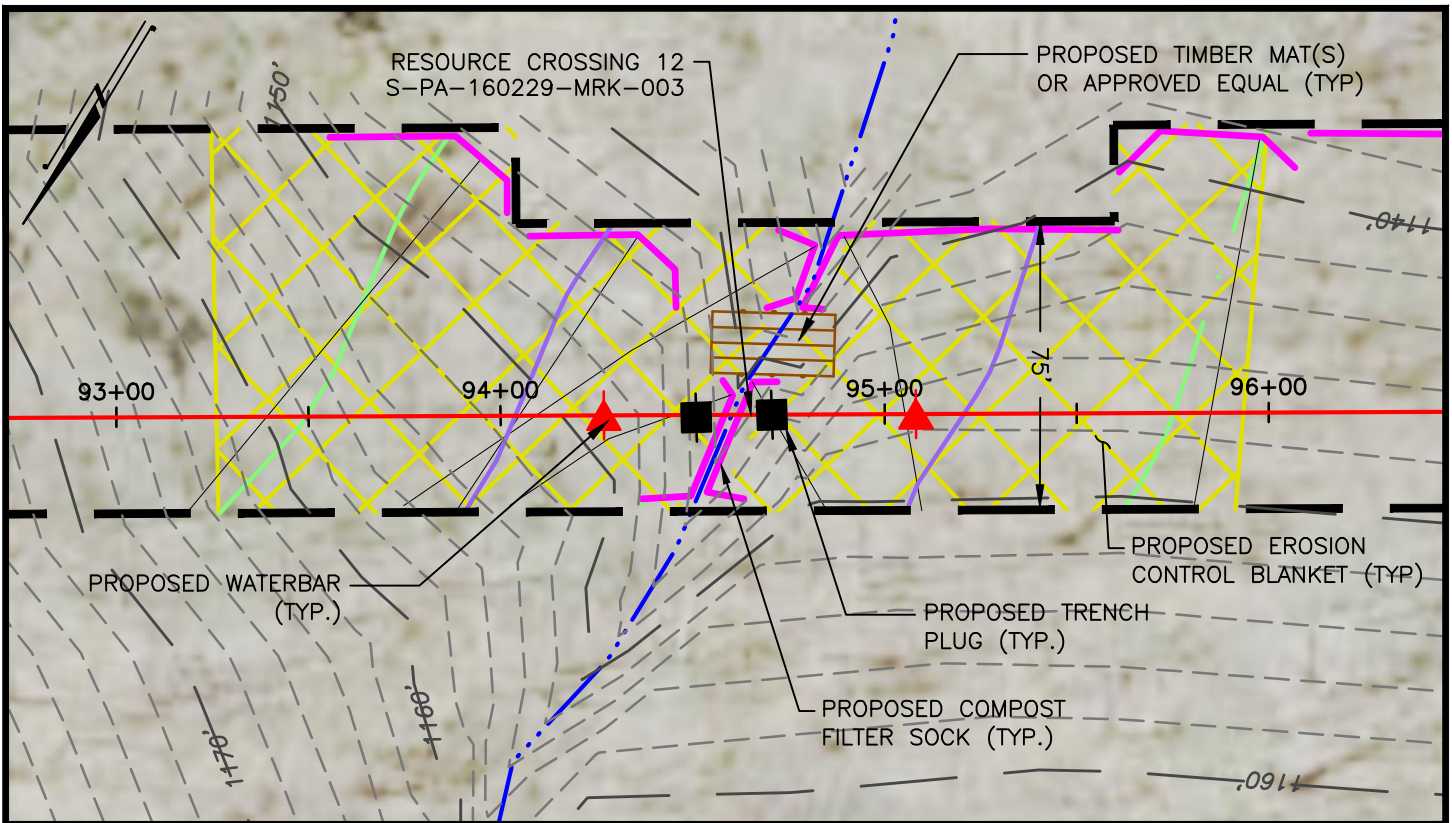
FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

SS012 - RESOURCE CROSSING #11  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124511	REV.
BY:	IMM		2

File name: Y:\PROJECTS\1747\SHLL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\009-STREAM001.DWG  
 Last saved by: IAN.M.MOORE (7/31/2018 1:04 PM) Last Plotted: 2018-07-31 (7/31/2018 1:49 PM)



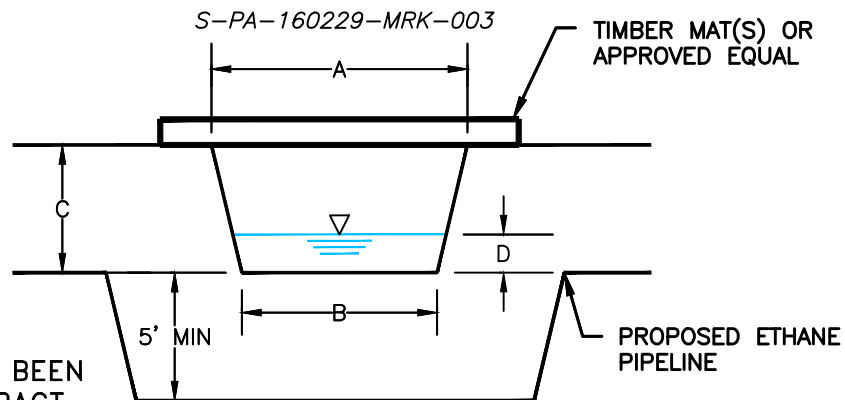
#### NOTES:

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SCALE: 1" = 50'

A = 3.50'  
 B = 2.00'  
 C = 1.00'  
 D = 0.00'



PROJECT WORKSPACE HAS BEEN ADJUSTED TO MINIMIZE IMPACT TO THIS RESOURCE.

REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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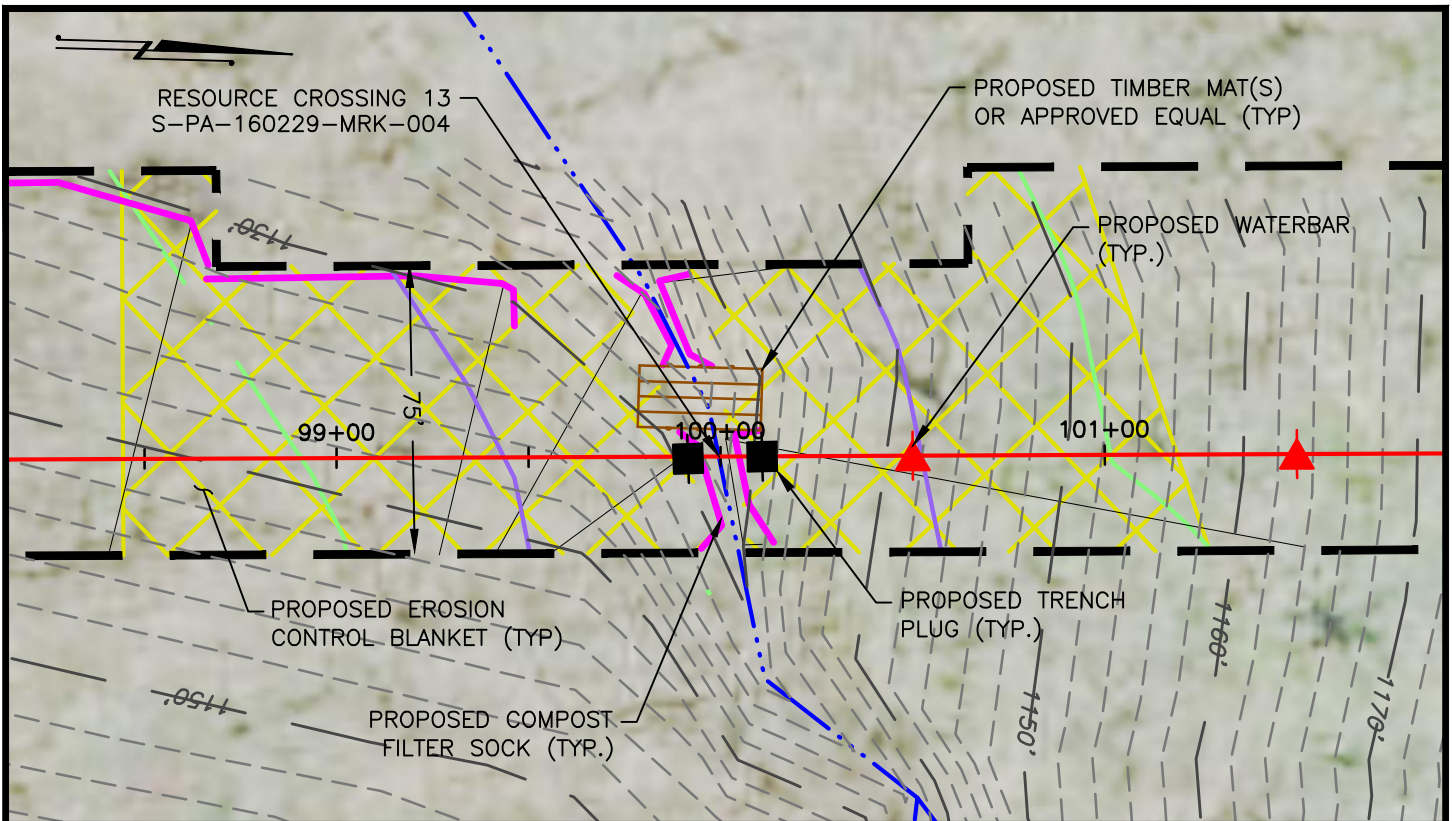
FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

SS013 - RESOURCE CROSSING #12  
 CHARTIERS TOWNSHIP  
 WASHINGTON COUNTY, PA

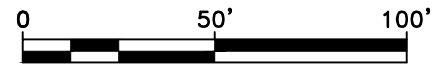
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BY:	IMM		2

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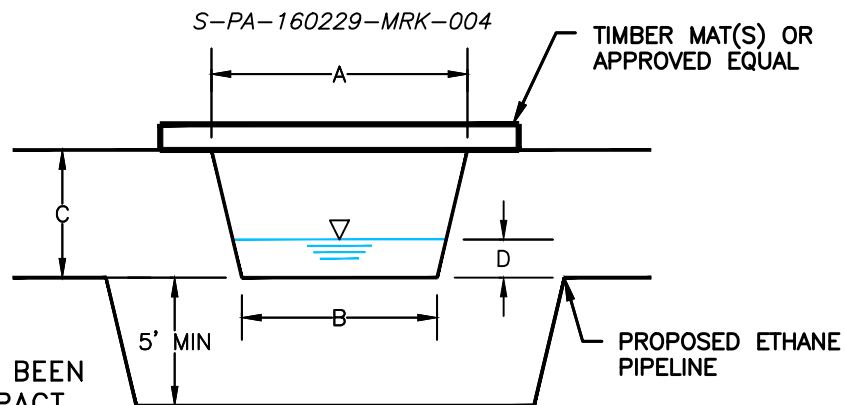
**NOTES:**

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SCALE: 1" = 50'

A = 5.00'  
B = 3.00'  
C = 2.30'  
D = 0.30'



PROJECT WORKSPACE HAS BEEN  
ADJUSTED TO MINIMIZE IMPACT  
TO THIS RESOURCE.

REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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FALCON ETHANE PIPELINE SYSTEM

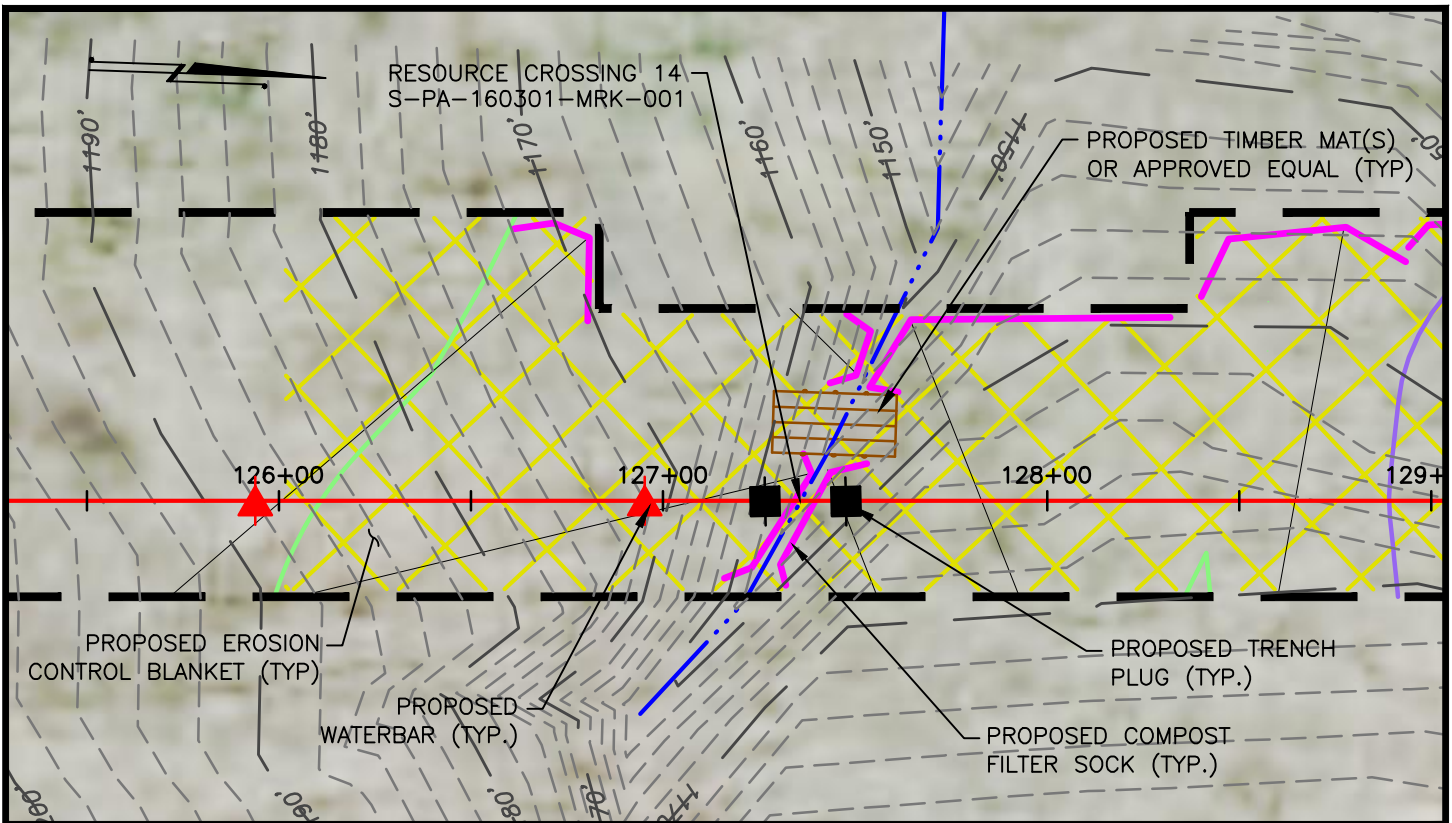
HOUSTON TO JUNCTION

SS014 - RESOURCE CROSSING #13  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124513	REV.
BY:	IMM		2

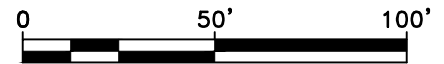


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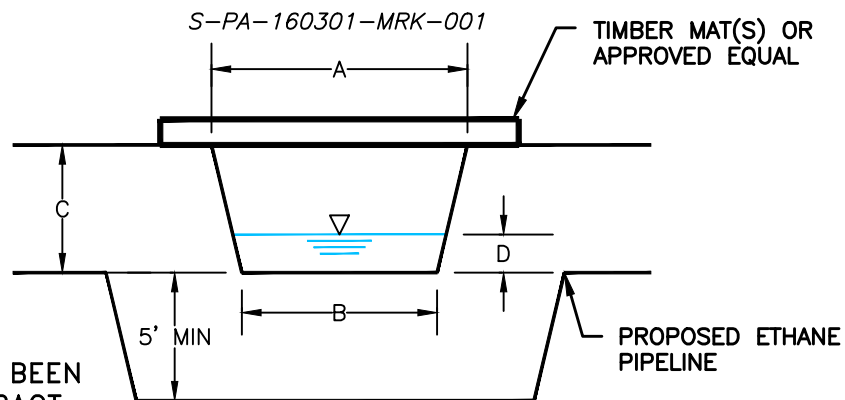
**NOTES:**

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SCALE: 1" = 50'

A = 3.00'  
B = 2.00'  
C = 0.50'  
D = 0.00'



PROJECT WORKSPACE HAS BEEN ADJUSTED TO MINIMIZE IMPACT TO THIS RESOURCE.

REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

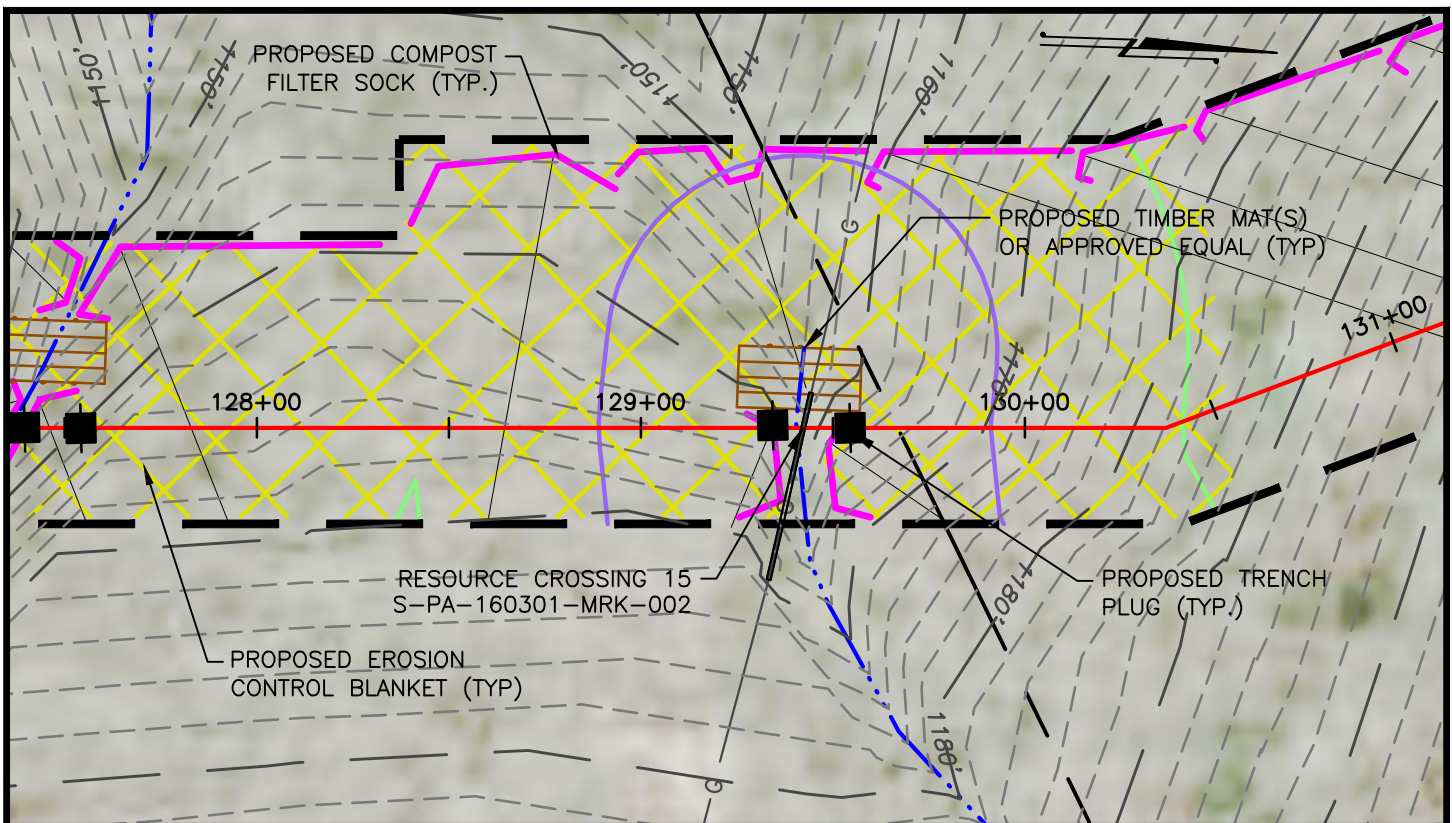
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FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

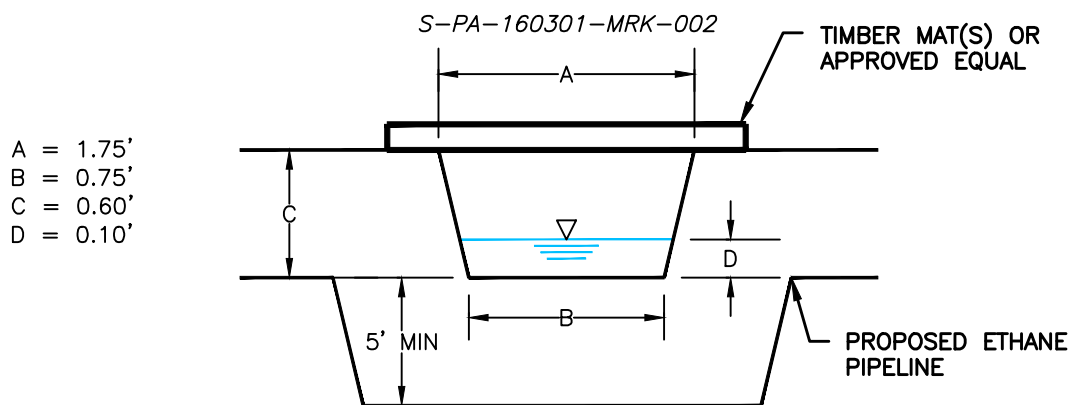
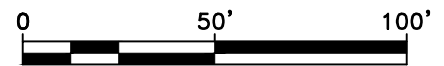
SS015 - RESOURCE CROSSING #14  
CHARTIERS TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124514	REV.
BY:	IMM		2



NOTES:

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2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

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## FALCON ETHANE PIPELINE SYSTEM

## HOUSTON TO JUNCTION

SS016 - RESOURCE CROSSING #15

CHARTIERS TOWNSHIP  
WASHINGTON COUNTY,

PA

DATE: 09/14/17

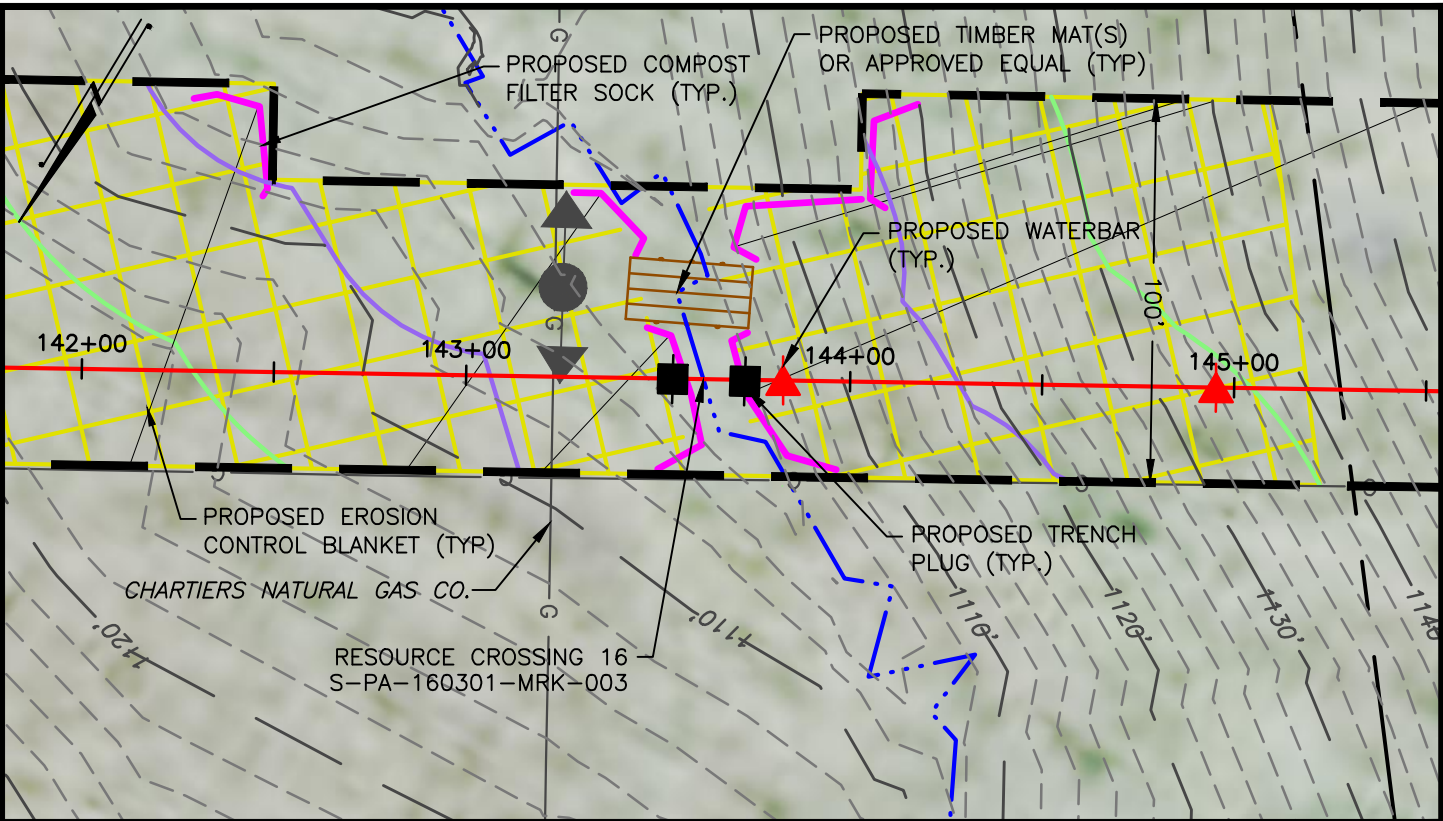
BY:	IMM
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SPLC-GOM-AE-SA124515

REV.  
2

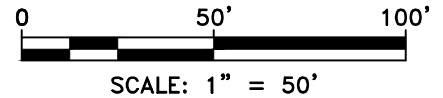


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Last saved by: TASHINA.MCKINNEY (7/26/2018 12:53 PM) Last Plotted: 2018-07-31 (7/31/2018 1:51 PM)

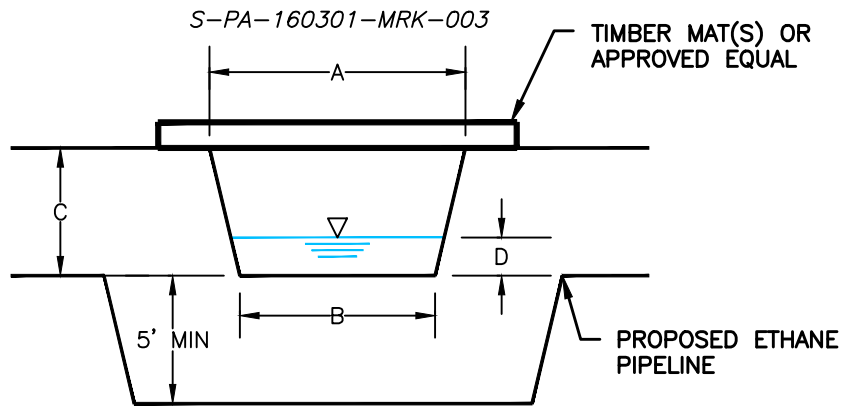


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A = 4.00'  
B = 3.00'  
C = 1.65'  
D = 0.40'



REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

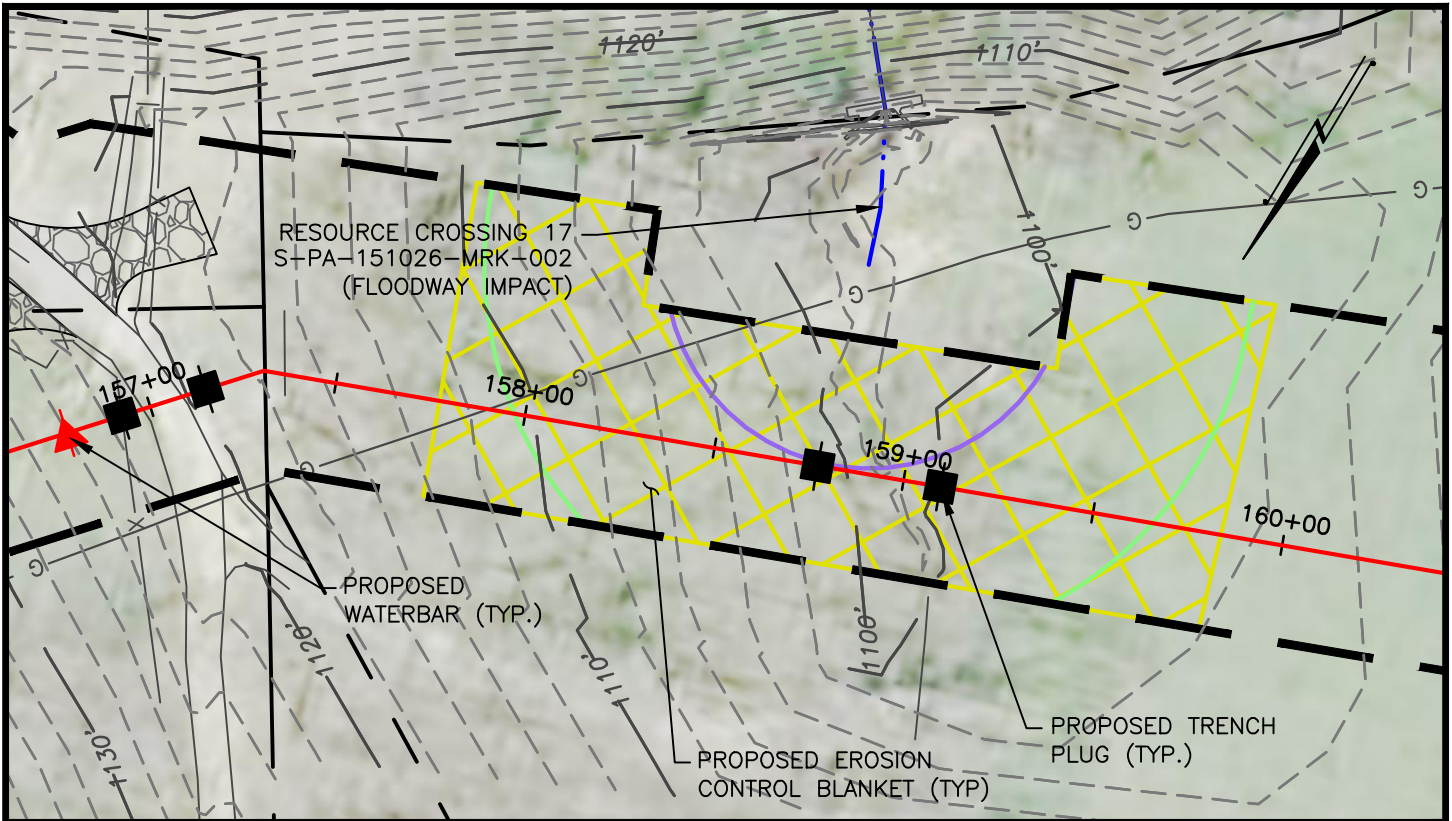
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FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION

SS017 - RESOURCE CROSSING #16  
MOUNT PLEASANT TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124516	REV.
BY:	IMM		2

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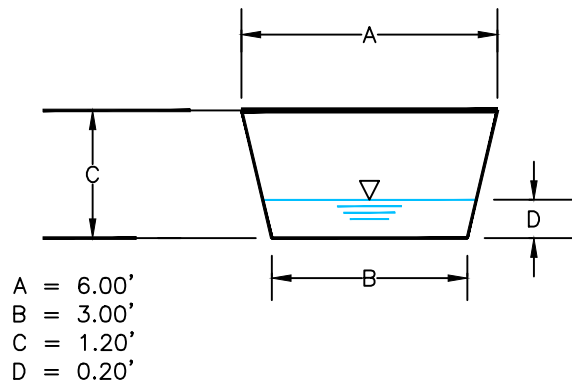
**NOTES:**

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SCALE: 1" = 50'

S-PA-151026-MRK-002



REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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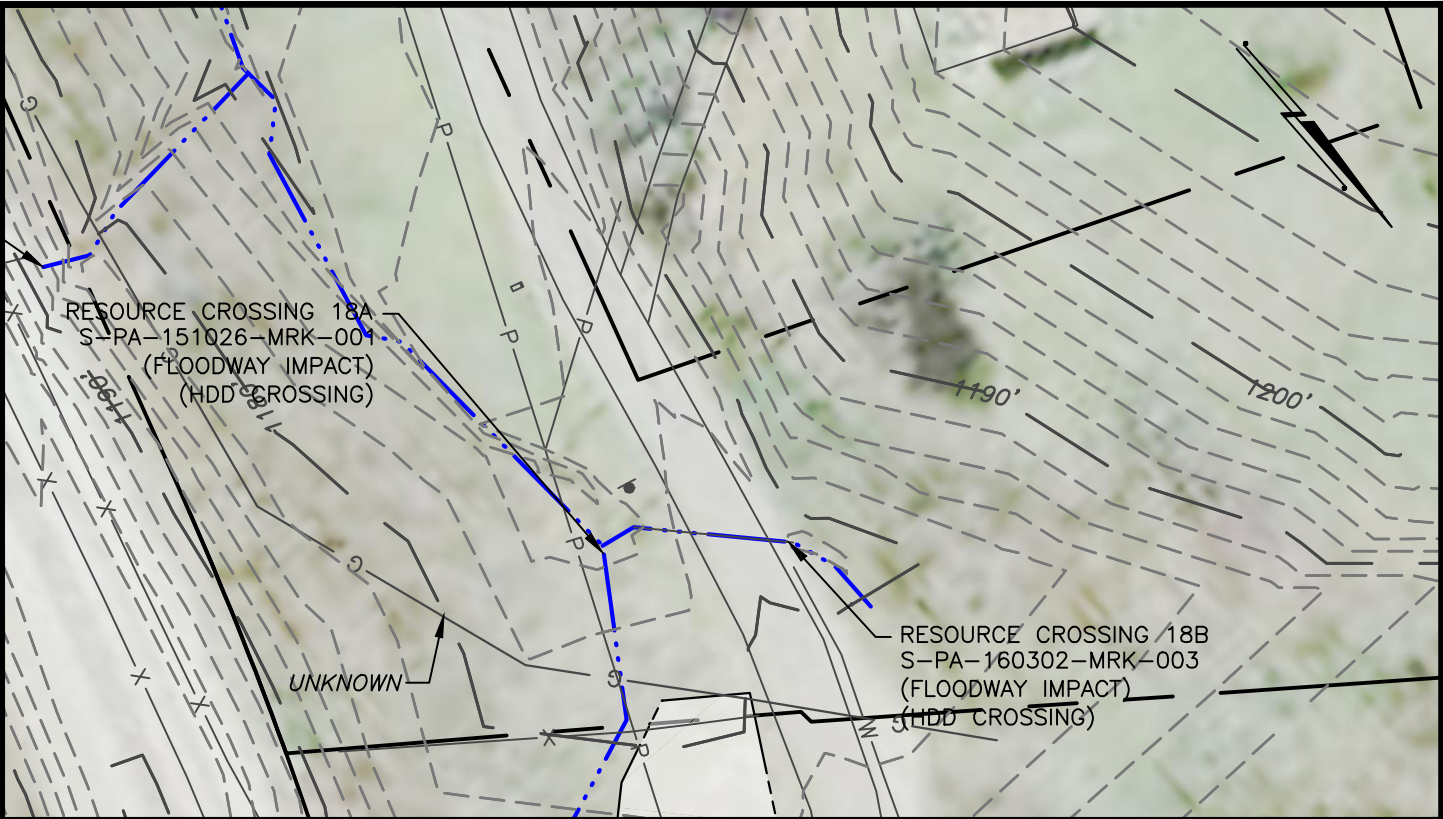
FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

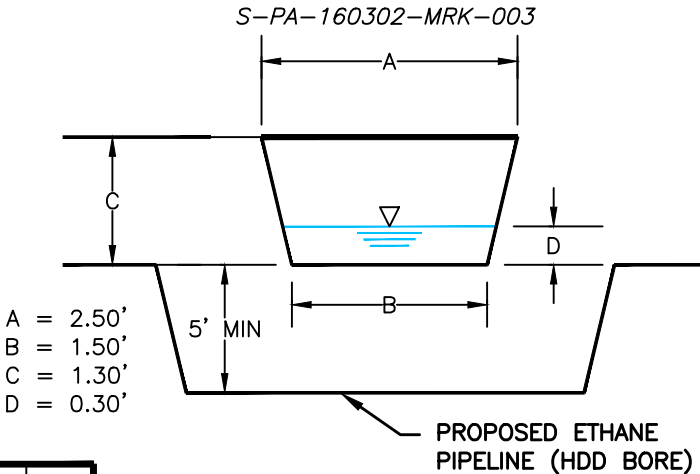
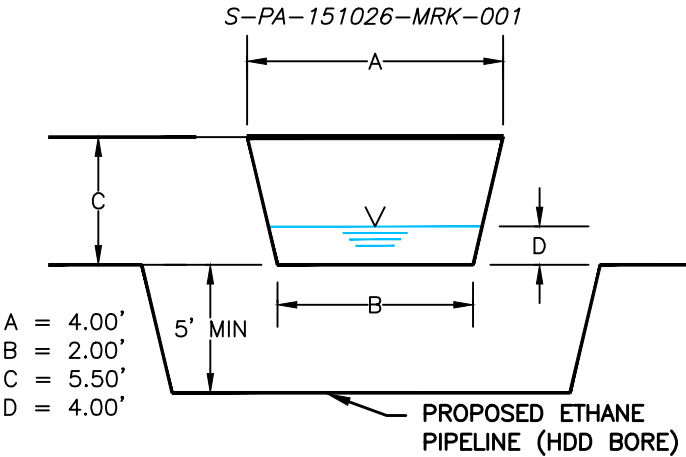
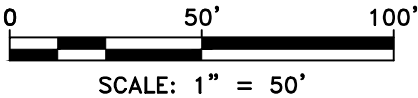
SS018 - RESOURCE CROSSING #17  
MOUNT PLEASANT TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124517	REV.
BY:	IMM		2

Filename: Y:\PROJECTS\1747\SHLL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\017-STREAM001.DWG  
Last saved by: TASHINA MCKINNEY (7/26/2018 1:00 PM) Last Plotted: 2018-07-31 (7/31/2018 1:53 PM)



- NOTES:**
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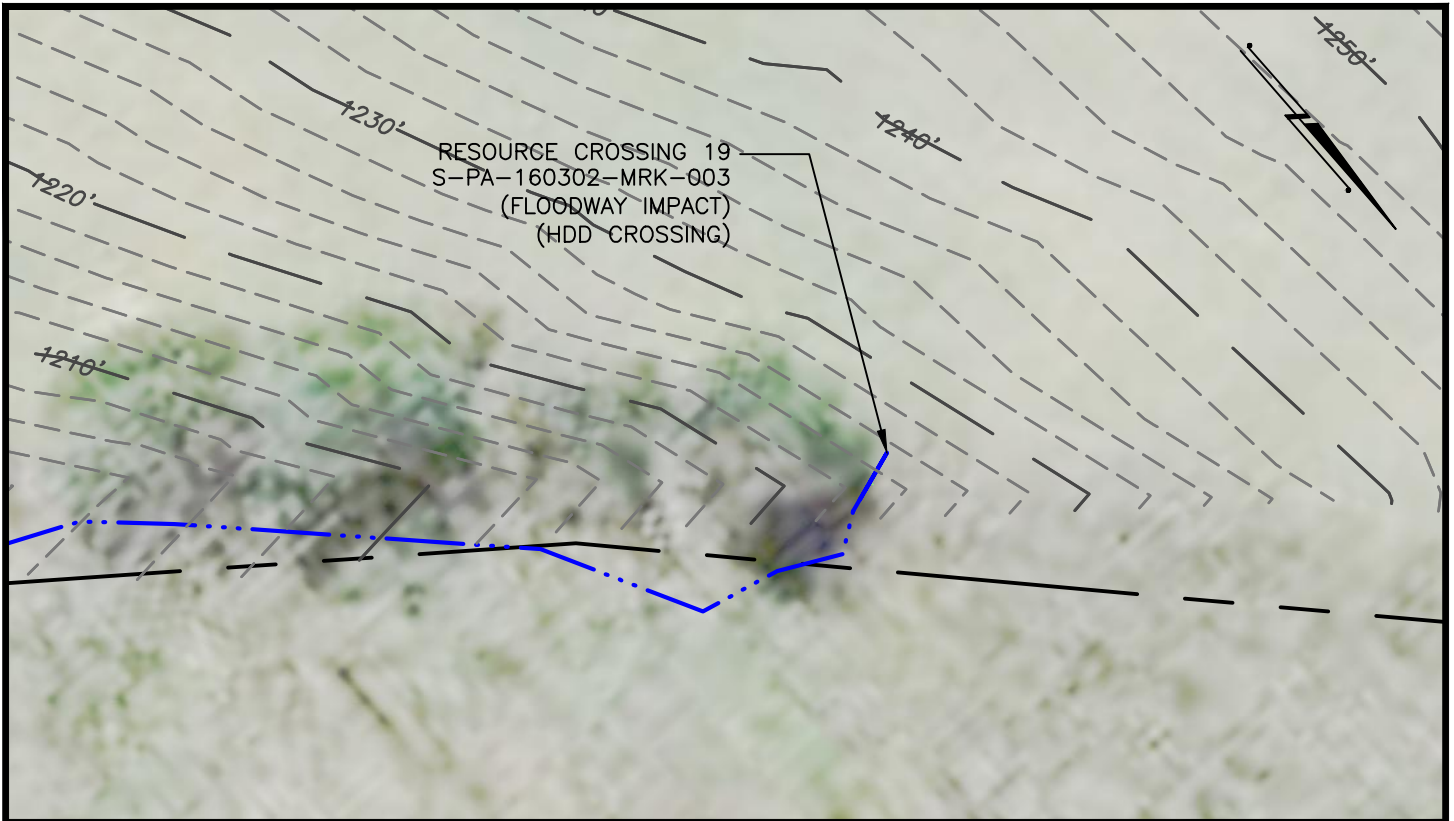
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS019 - RESOURCE CROSSING #18		
MOUNT PLEASANT TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124518

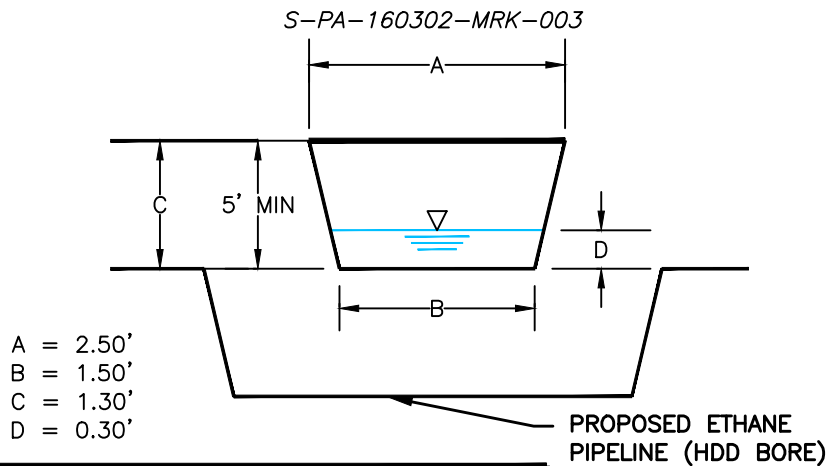
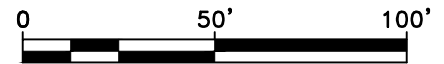


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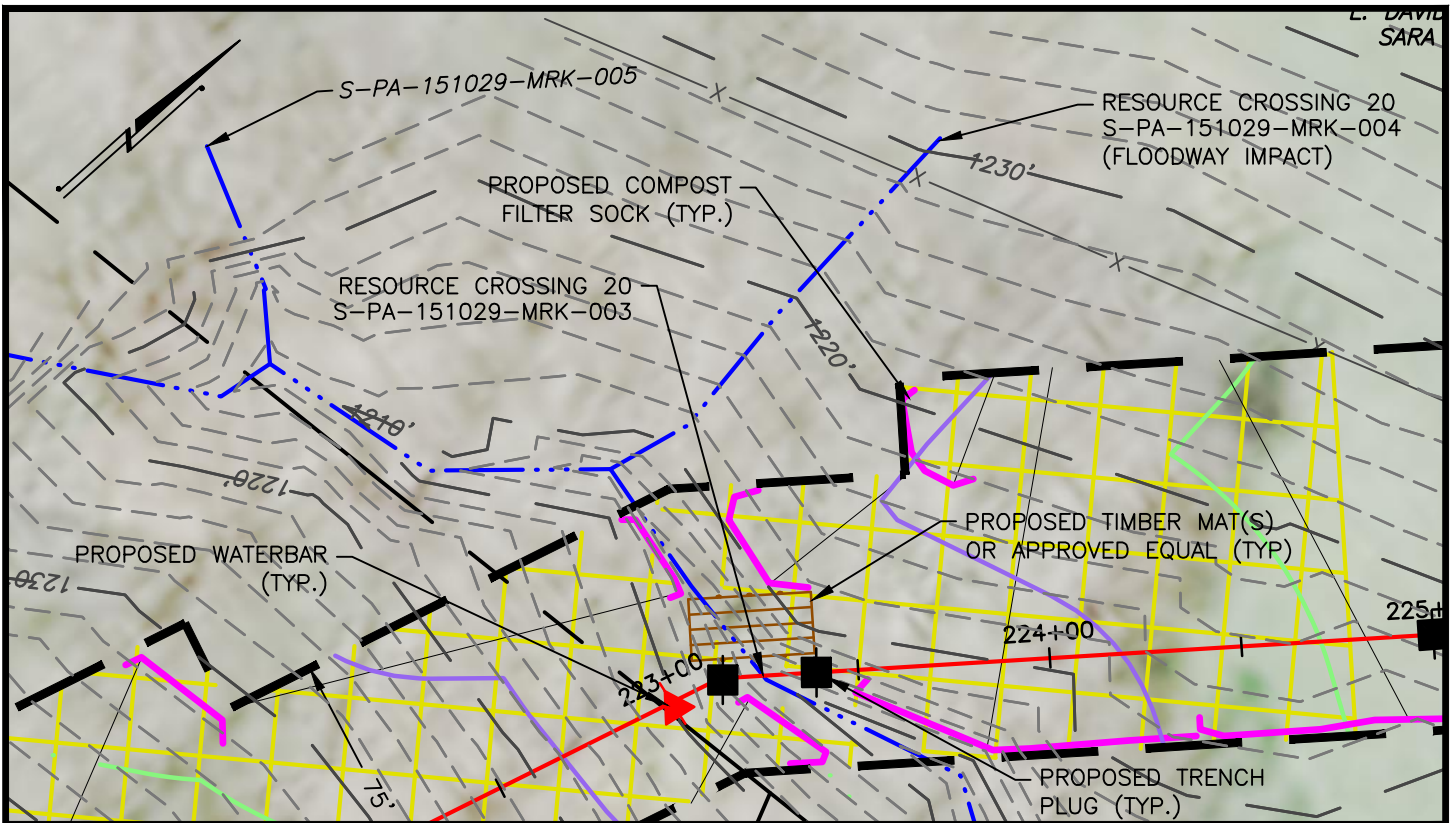


REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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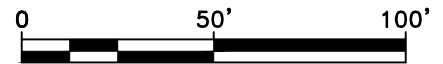
FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS020 - RESOURCE CROSSING #19		
MOUNT PLEASANT TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124519

File name: Y:\PROJECTS\1747\SHLL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\020-STREAM001&002.DWG  
Last saved by: TASHINA MCKINNEY (7/26/2018 1:07 PM) Last Plotted: 2018-07-31 (7/31/2018 1:54 PM)

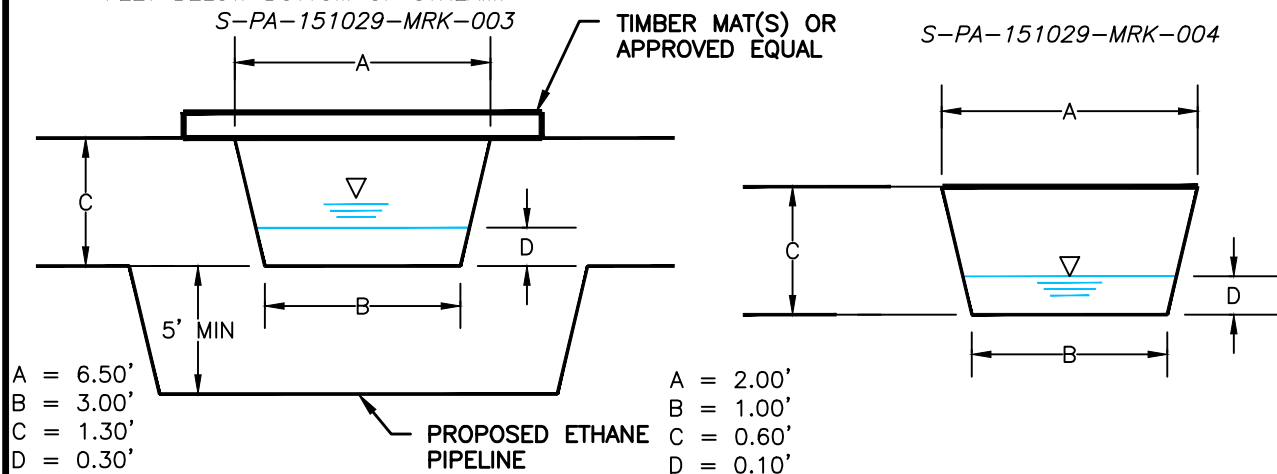


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SCALE: 1" = 50'



REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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#### FALCON ETHANE PIPELINE SYSTEM

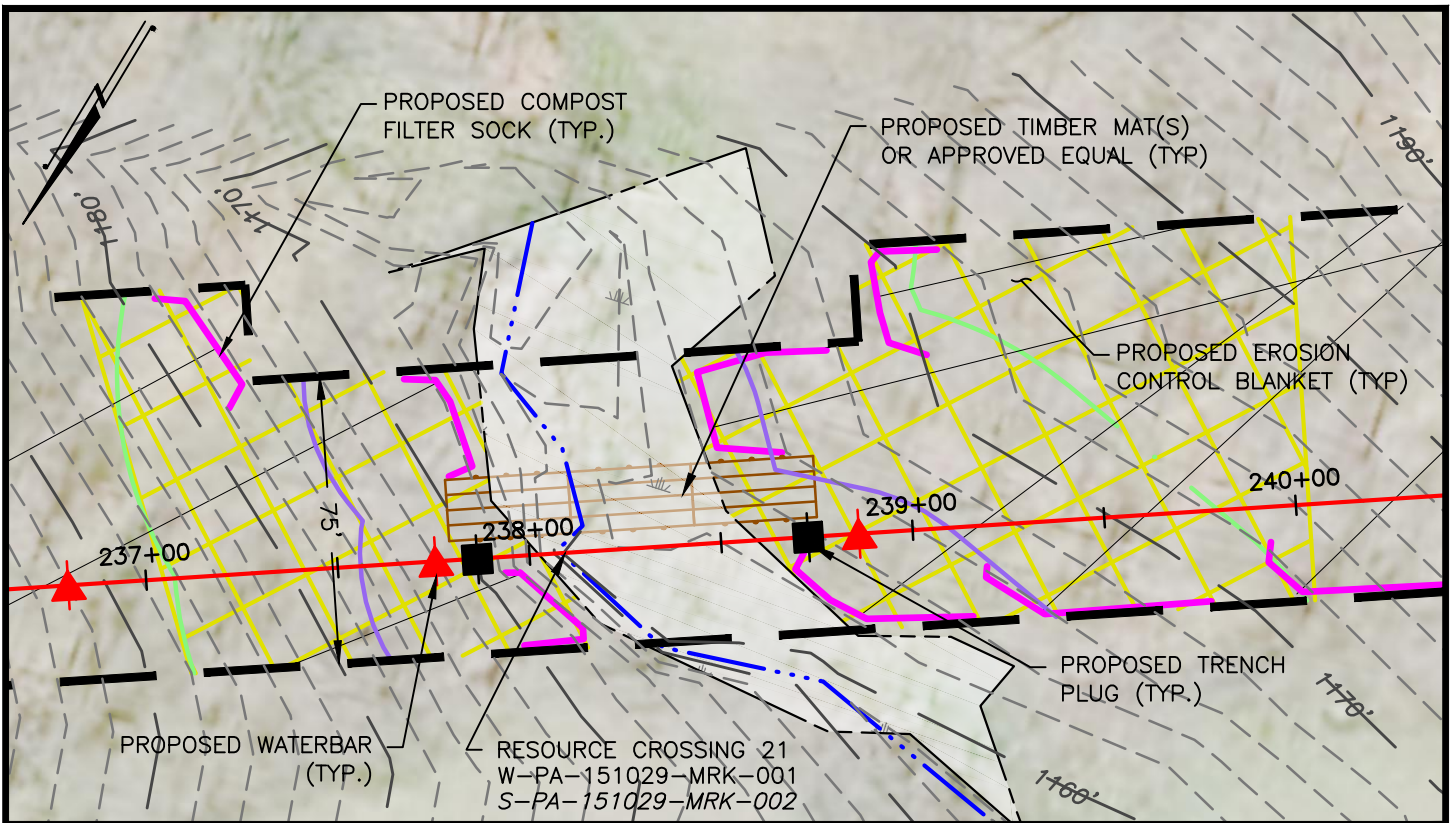
#### HOUSTON TO JUNCTION

SS021 - RESOURCE CROSSING #20  
MOUNT PLEASANT TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124520	REV.
BY:	IMM		2

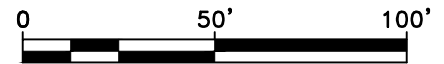


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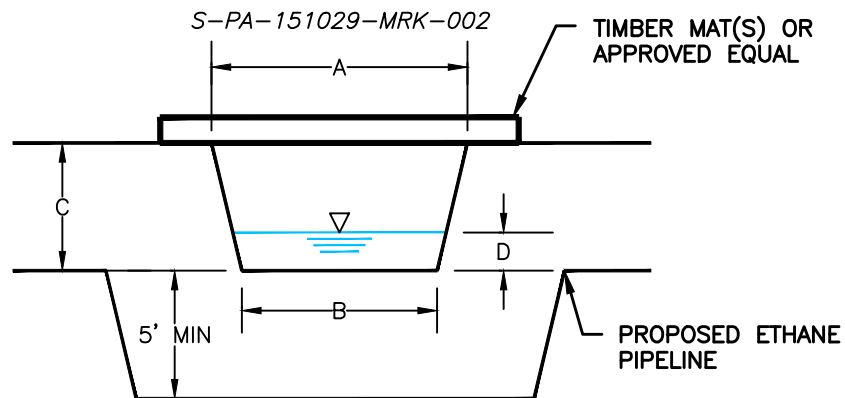
**NOTES:**

1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
2. WETLAND INFORMATION BASED ON FIELD DELINEATION PERFORMED BY AECOM.
3. EXISTING GRADE INFORMATION BASED ON FIELD SURVEY PROVIDED BY PERCHERON, LLC.
4. PIPELINE LOCATED 4 FEET MINIMUM BENEATH EXISTING GRADE.
5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.



SCALE: 1" = 50'

A = 4.00'  
 B = 2.50'  
 C = 1.80'  
 D = 0.30'



REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/1	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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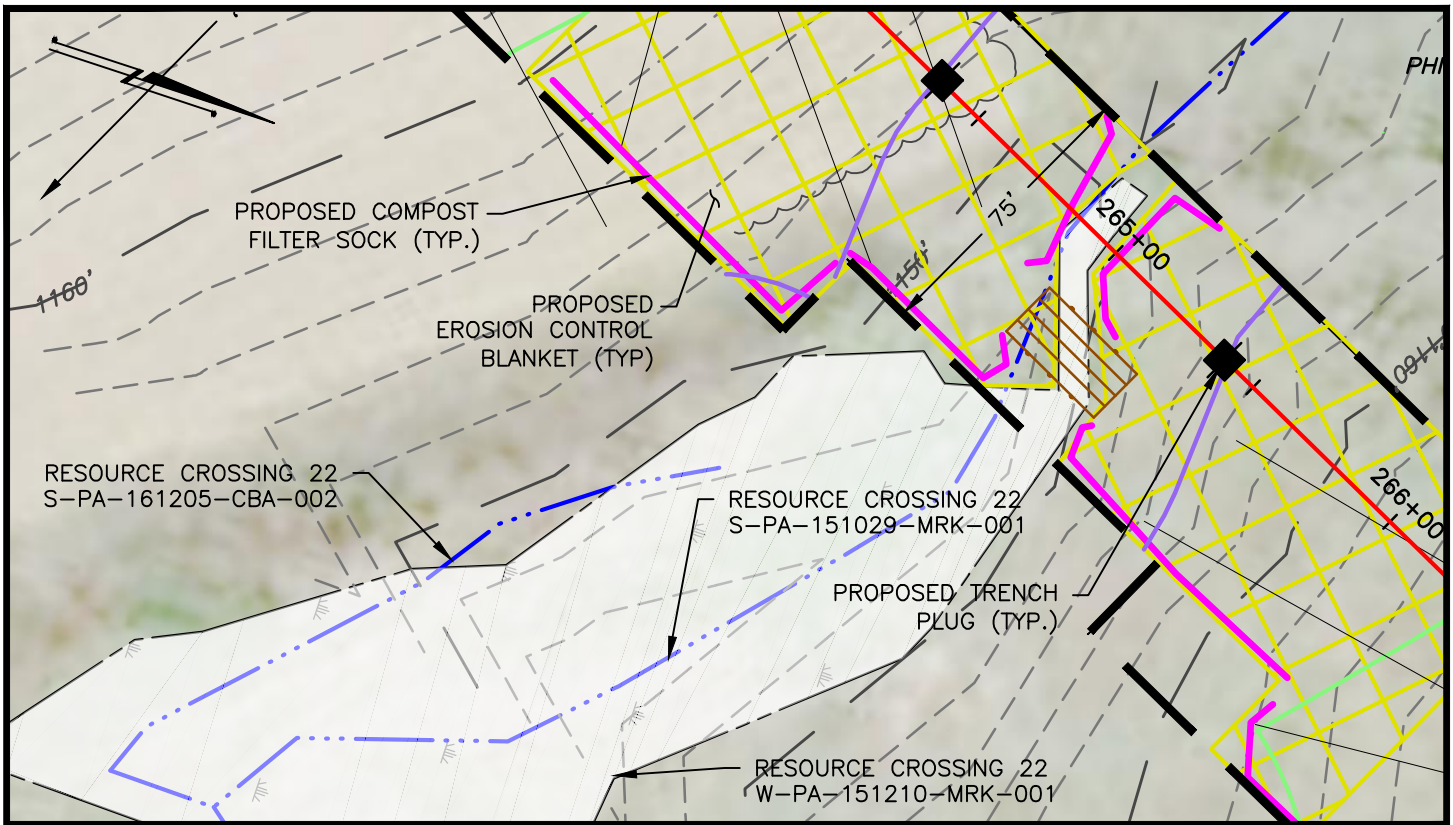
**FALCON ETHANE PIPELINE SYSTEM**

**HOUSTON TO JUNCTION**

**SS022 - RESOURCE CROSSING #21**  
**MOUNT PLEASANT TOWNSHIP**  
**WASHINGTON COUNTY, PA**

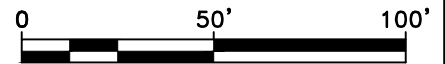
DATE:	09/14/17	SPLC-GOM-AE-SA124521	REV.
BY:	IMM		2

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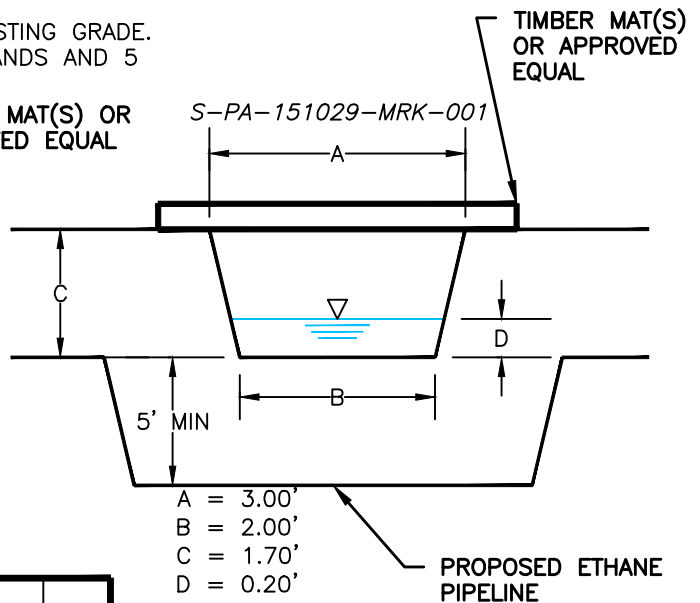
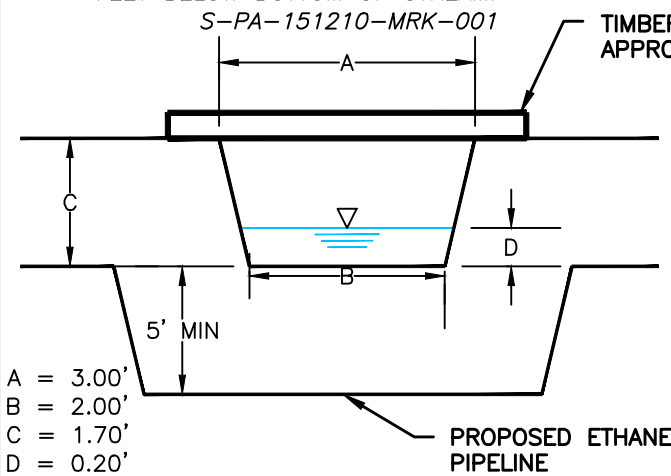


NOTES:

1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
2. WETLAND INFORMATION BASED ON FIELD DELINEATION PERFORMED BY AECOM.
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4. PIPELINE LOCATED 4 FEET MINIMUM BENEATH EXISTING GRADE.
5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.



SCALE: 1" = 50'



REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

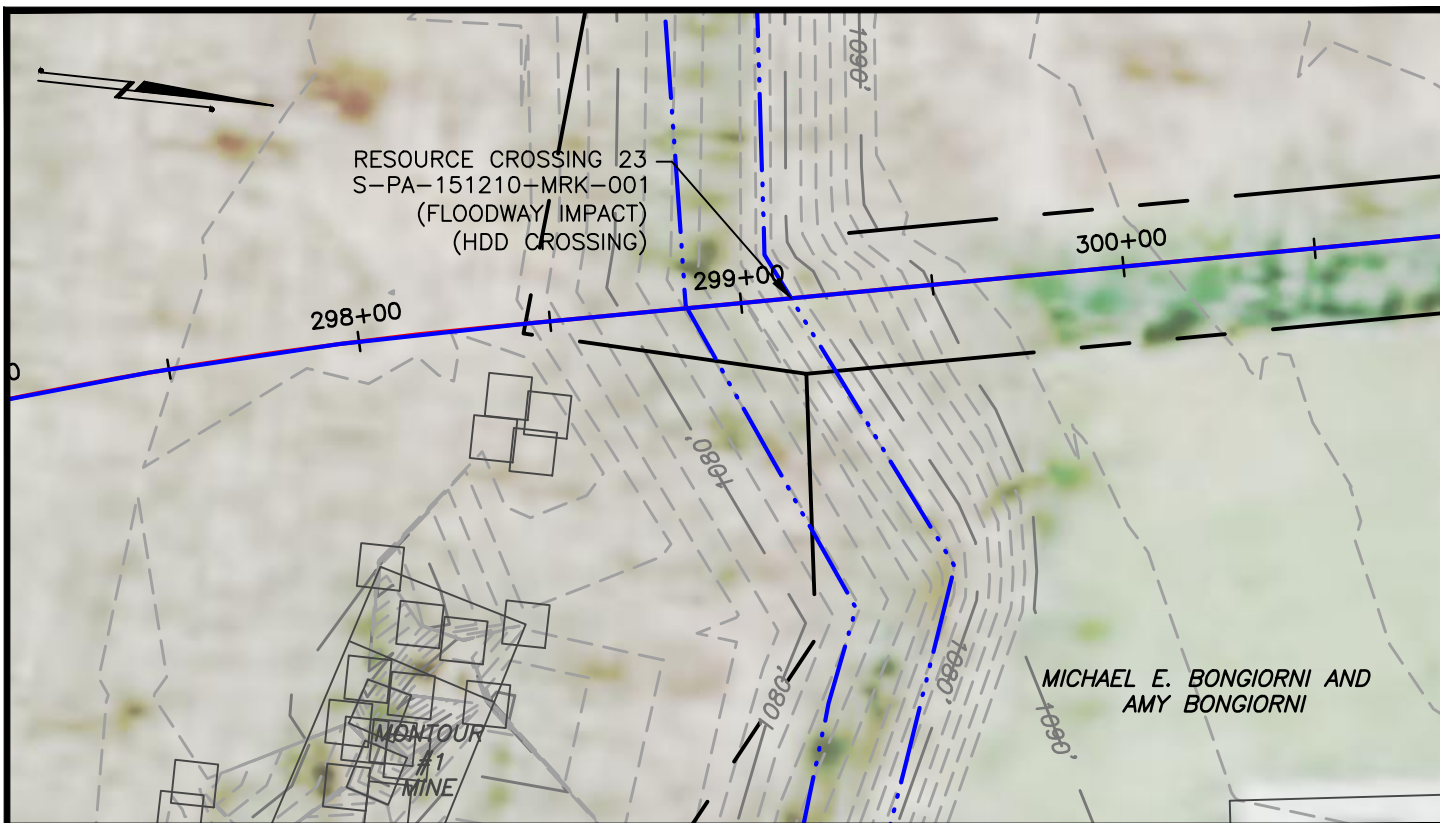
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FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION

SS023 - RESOURCE CROSSING #22  
MOUNT PLEASANT TOWNSHIP  
WASHINGTON COUNTY, PA

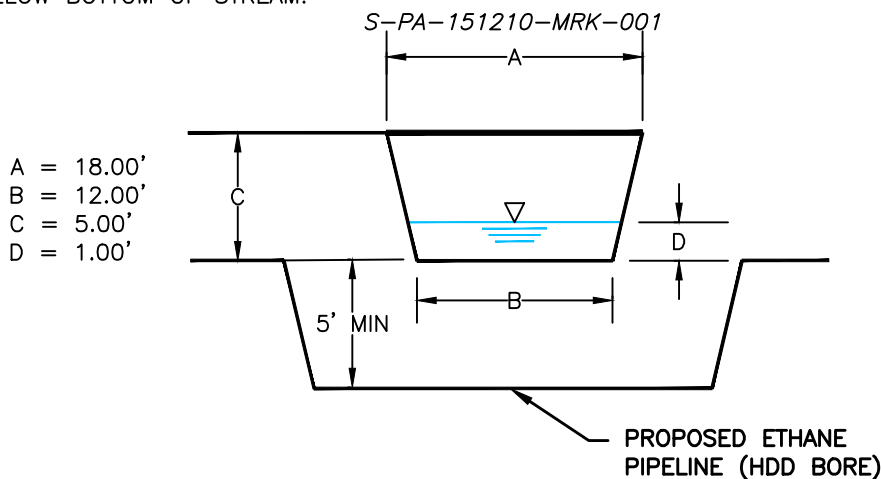
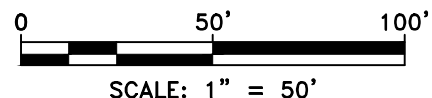
DATE:	09/14/17	SPLC-GOM-AE-SA124522	REV.
BY:	IMM		2

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 Last saved by: ALEXANDER.CURTICE (7/31/2018 12:47 PM) Last Plotted: 2018-07-31 (7/31/2018 1:56 PM)



**NOTES:**

1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
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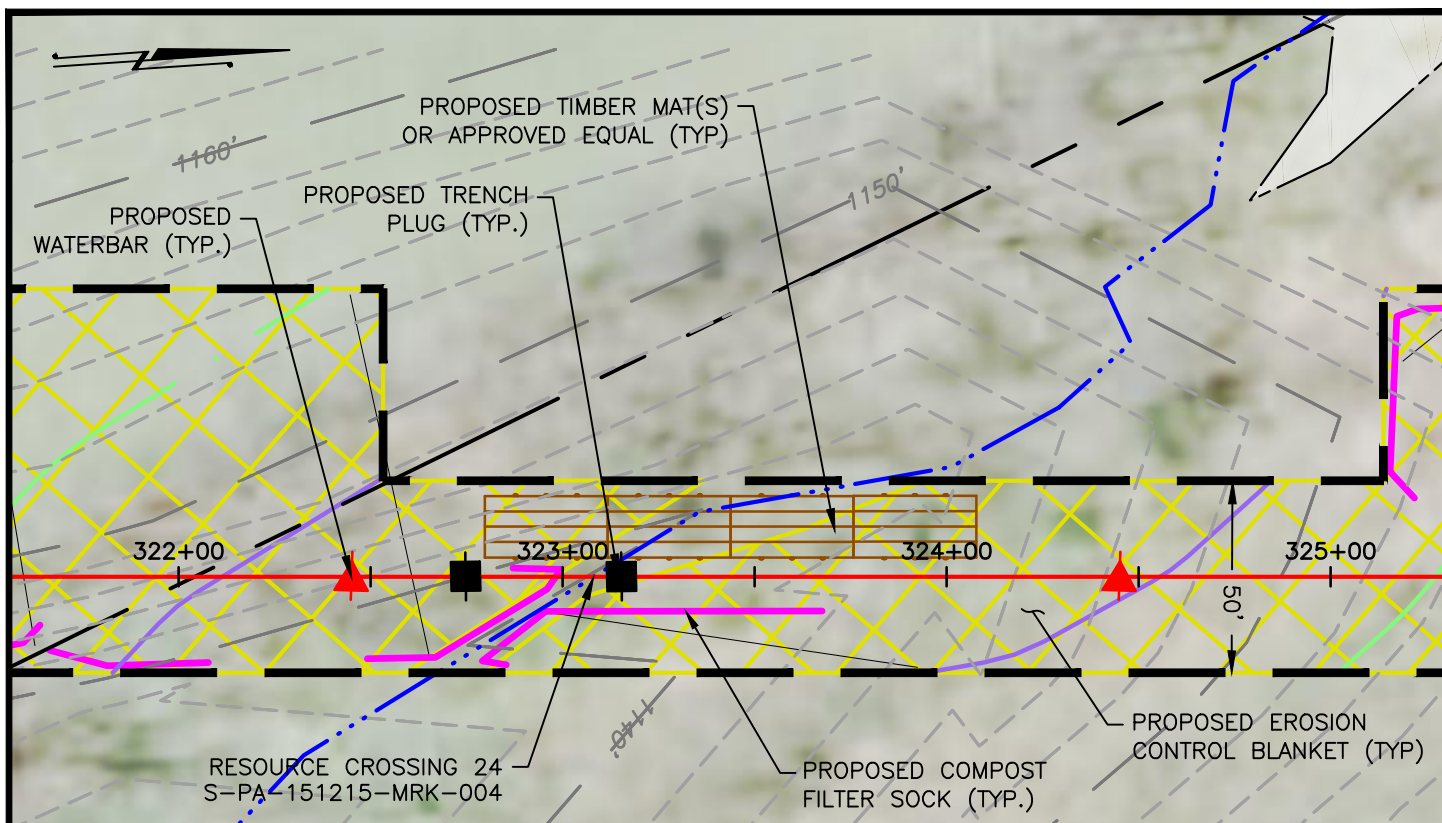
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2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS024 - RESOURCE CROSSING #23		
MOUNT PLEASANT TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124523

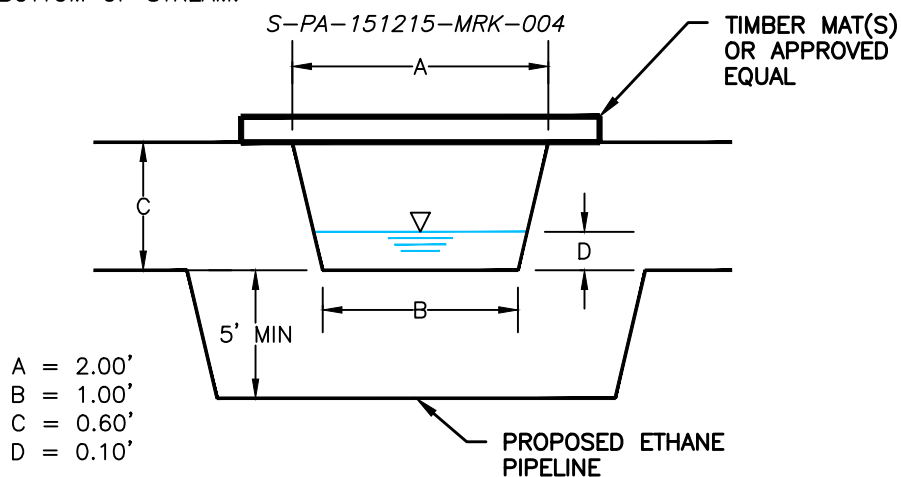
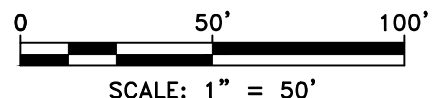


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#### NOTES:

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REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

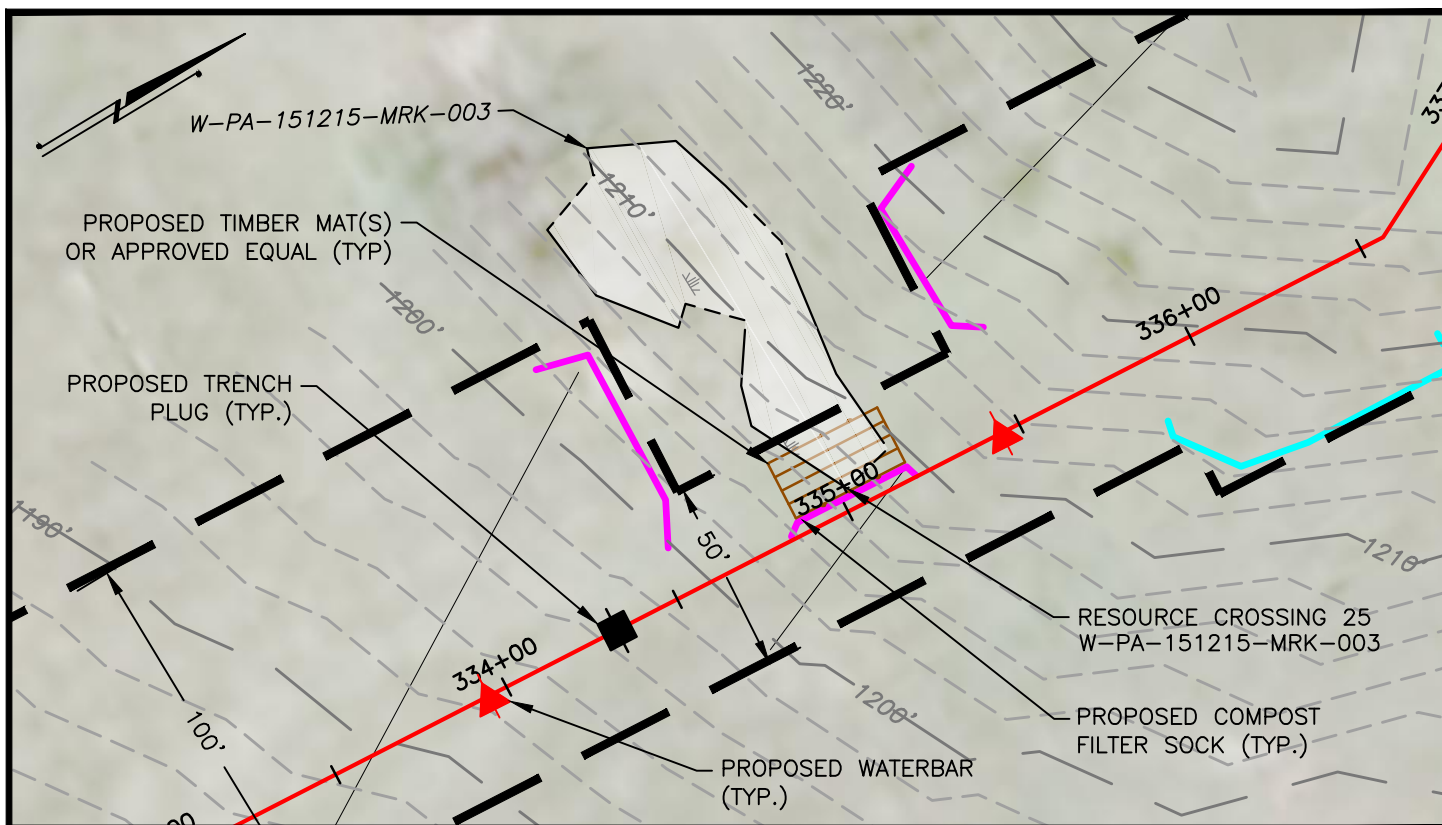
### FALCON ETHANE PIPELINE SYSTEM HOUSTON TO JUNCTION

SS025 - RESOURCE CROSSING #24  
 MOUNT PLEASANT TOWNSHIP  
 WASHINGTON COUNTY, PA

DATE: 09/14/17  
 BY: IMM  
 SPLC-GOM-AE-SA124524  
 REV. 2

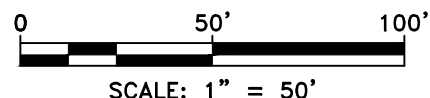
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Filename: Y:\PROJECTS\1747\SHALL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\030-WET001.DWG  
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**NOTES:**

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2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

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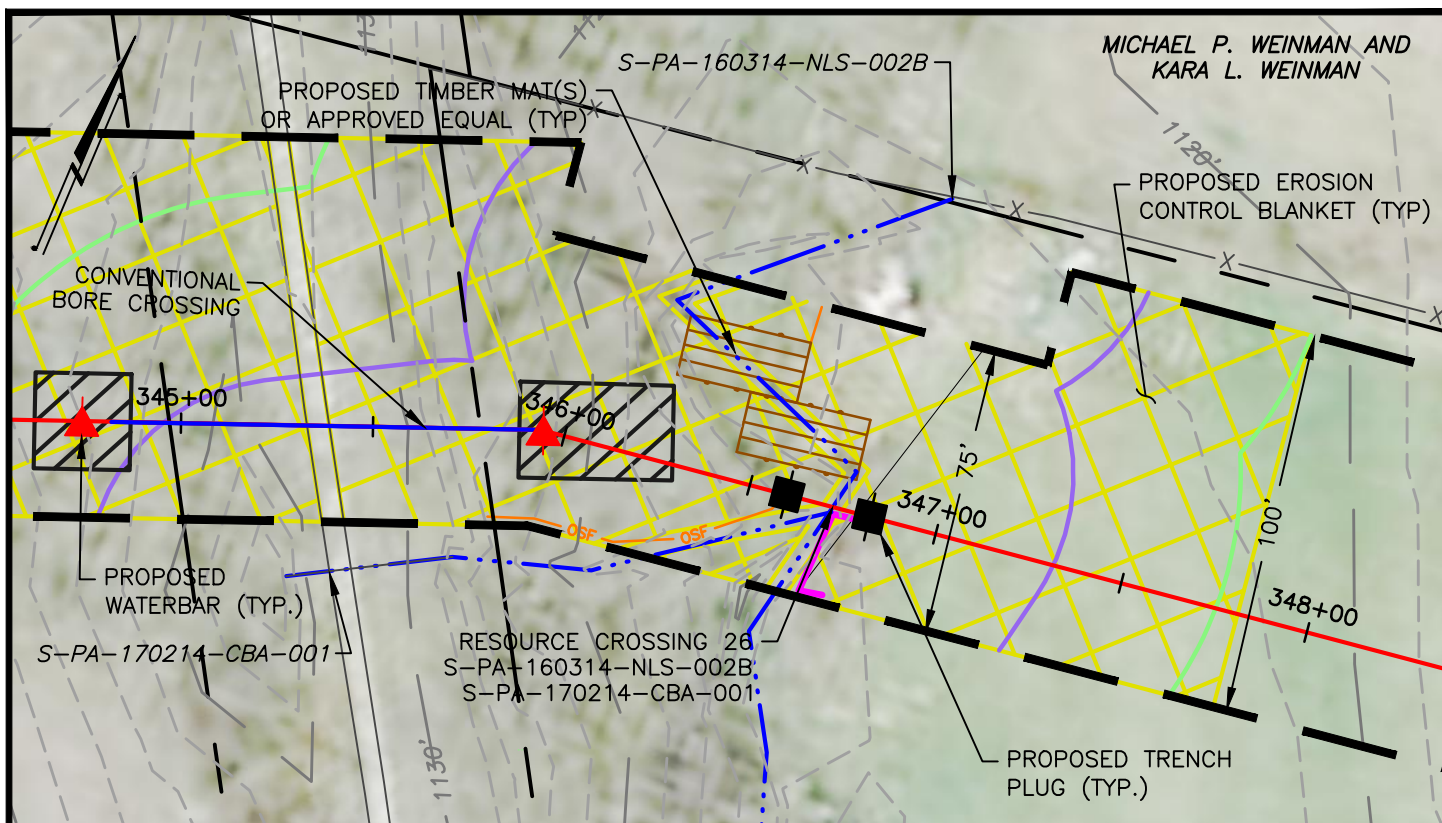
**FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION**

**SS026 - RESOURCE CROSSING #25  
MOUNT PLEASANT TOWNSHIP  
WASHINGTON COUNTY, PA**

DATE:	09/14/17	SPLC-GOM-AE-SA124525	REV. 2
BY:	IMM		

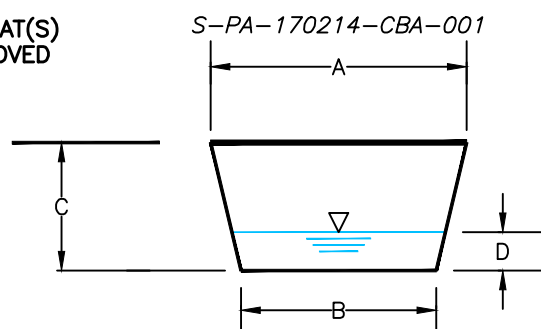
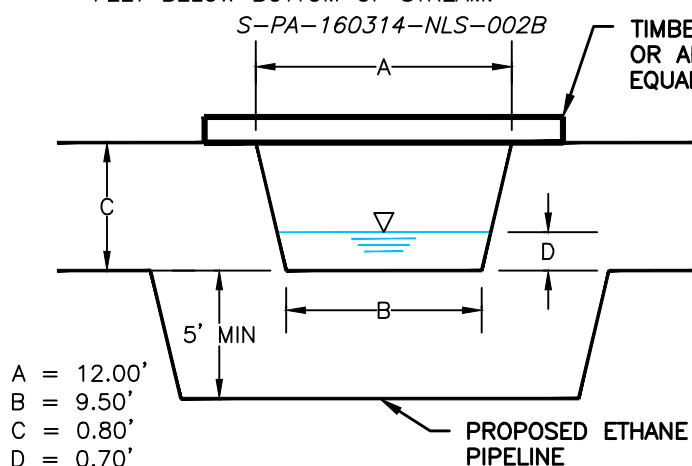
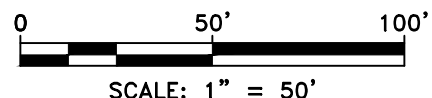


Filename: Y:\PROJECTS\1747\SHLL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\031-STREAM001&002.DWG  
Last saved by: ALEXANDER.CURTICE (7/31/2018 12:46 PM) Last Plotted: 2018-07-31 (7/31/2018 1:58 PM)



#### NOTES:

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5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.



A = 12.00'  
B = 9.50'  
C = 0.80'  
D = 0.70'

A = 12.00'  
B = 9.50'  
C = 0.80'  
D = 0.70'

REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
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0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

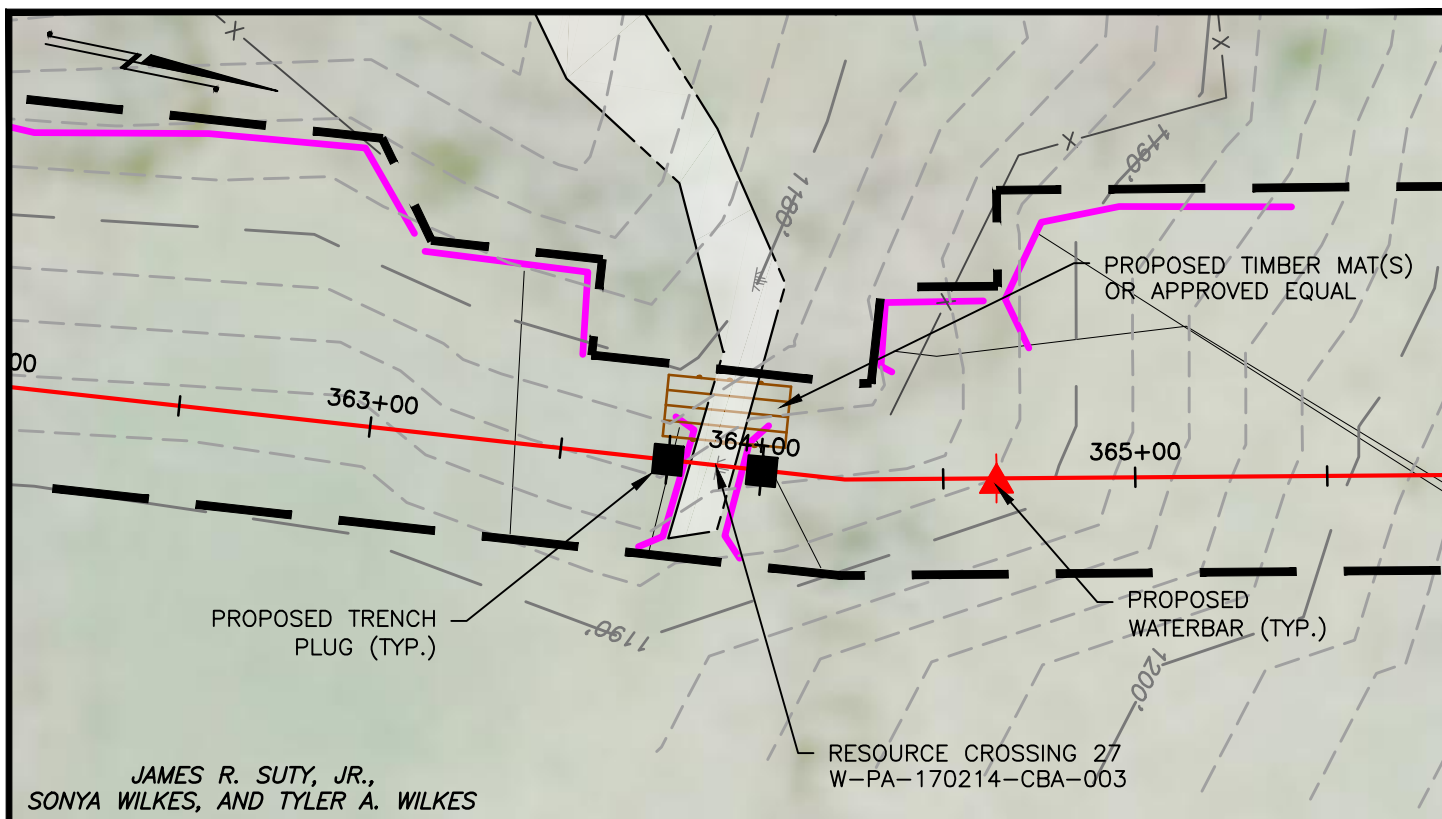
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### FALCON ETHANE PIPELINE SYSTEM HOUSTON TO JUNCTION

SS027 - RESOURCE CROSSING #26  
MOUNT PLEASANT TOWNSHIP  
WASHINGTON COUNTY, PA

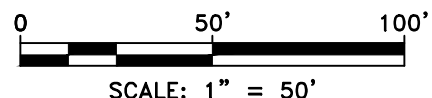
DATE: 09/14/17  
BY: IMM  
SPLC-GOM-AE-SA124526  
REV. 2

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**NOTES:**

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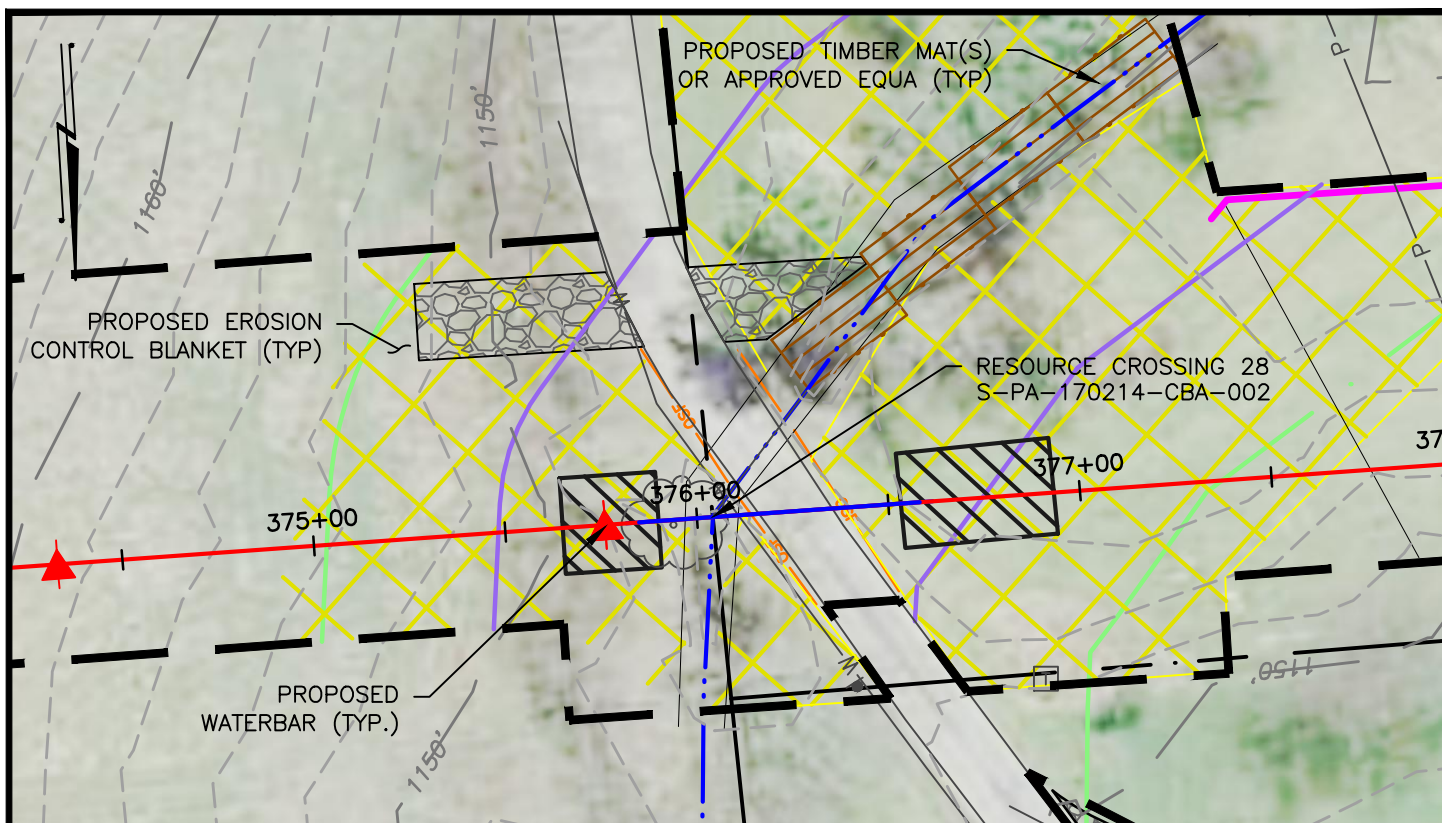


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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS028 - RESOURCE CROSSING #27		
MOUNT PLEASANT TOWNSHIP		PA
WASHINGTON COUNTY,		
DATE:	09/14/17	REV.
BY:	IMM	2
SPLC-GOM-AE-SA124527		

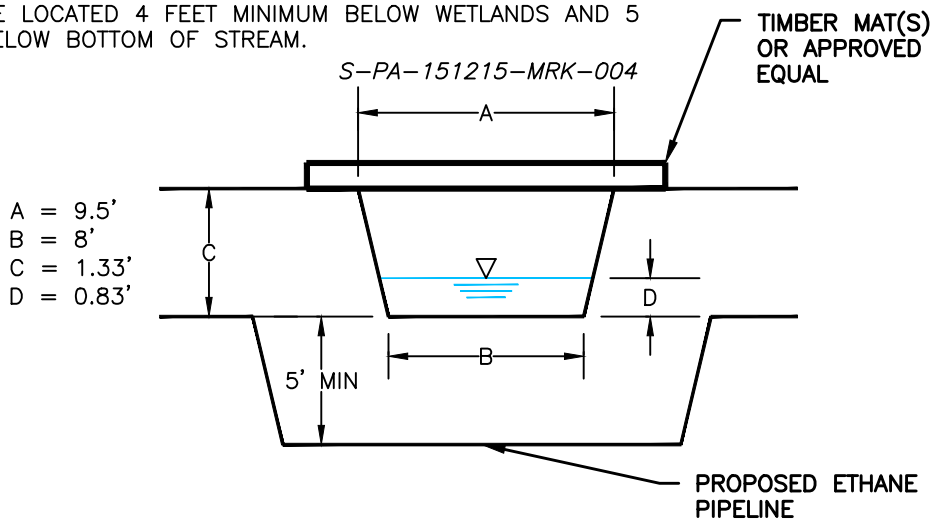
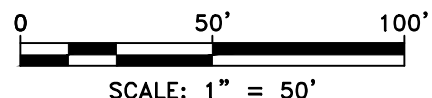
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Filename: Y:\PROJECTS\1747\SHLL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\033-STREAM001.DWG  
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**NOTES:**

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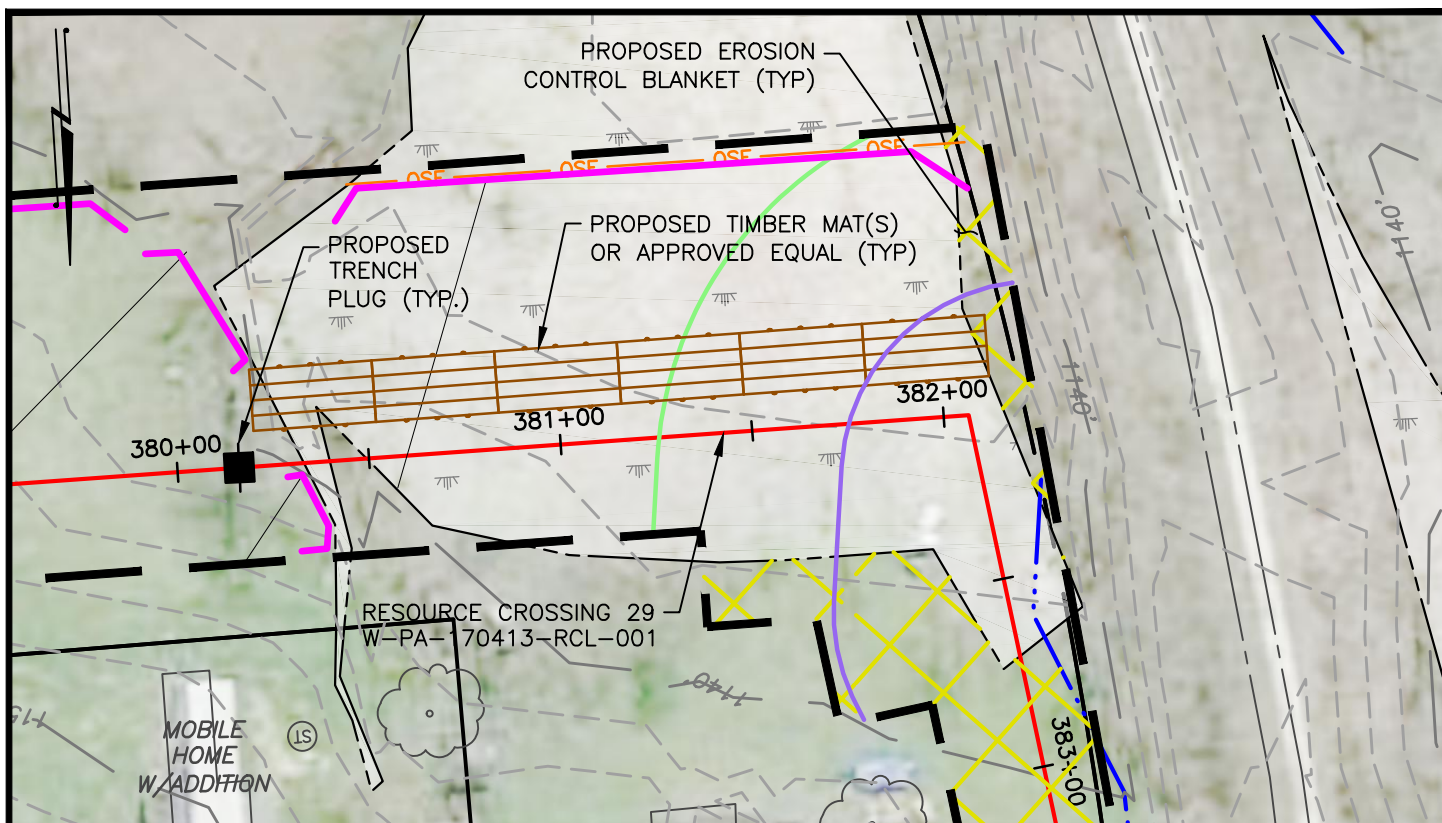


REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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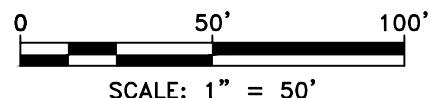
FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS029 - RESOURCE CROSSING #28		
MOUNT PLEASANT TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124528





**NOTES:**

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REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
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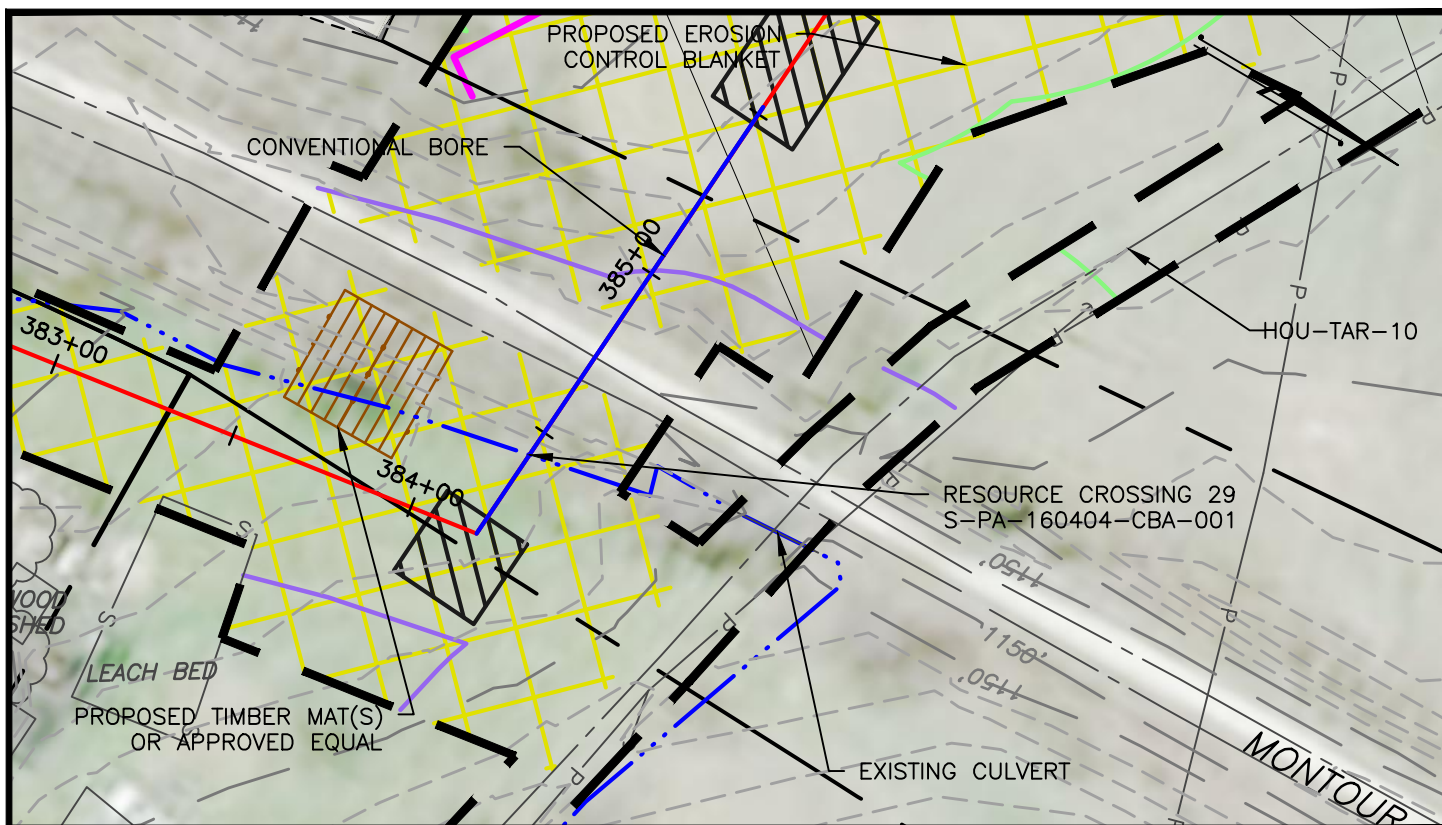
**FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION**

**SS030 - RESOURCE CROSSING #29  
MOUNT PLEASANT TOWNSHIP  
WASHINGTON COUNTY, PA**

DATE:	09/14/17	REV.	2
BY:	IMM	SPLC-GOM-AE-SA124529	

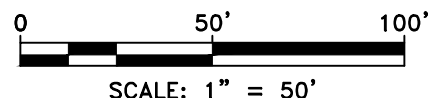
THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER MAKE ANY WARRANTY AS TO THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION CONTAINED ON THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY AS A RESULT OF RELIANCE THEREON.

Filename: Y:\PROJECTS\1747\SHALL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\034-STREAM001&002.DWG  
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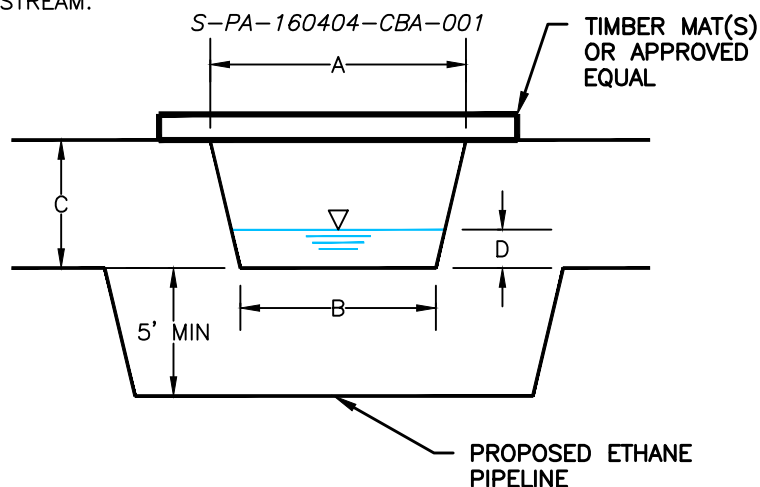


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5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.



A = 2.50'  
 B = 1.50'  
 C = 0.60'  
 D = 0.08'

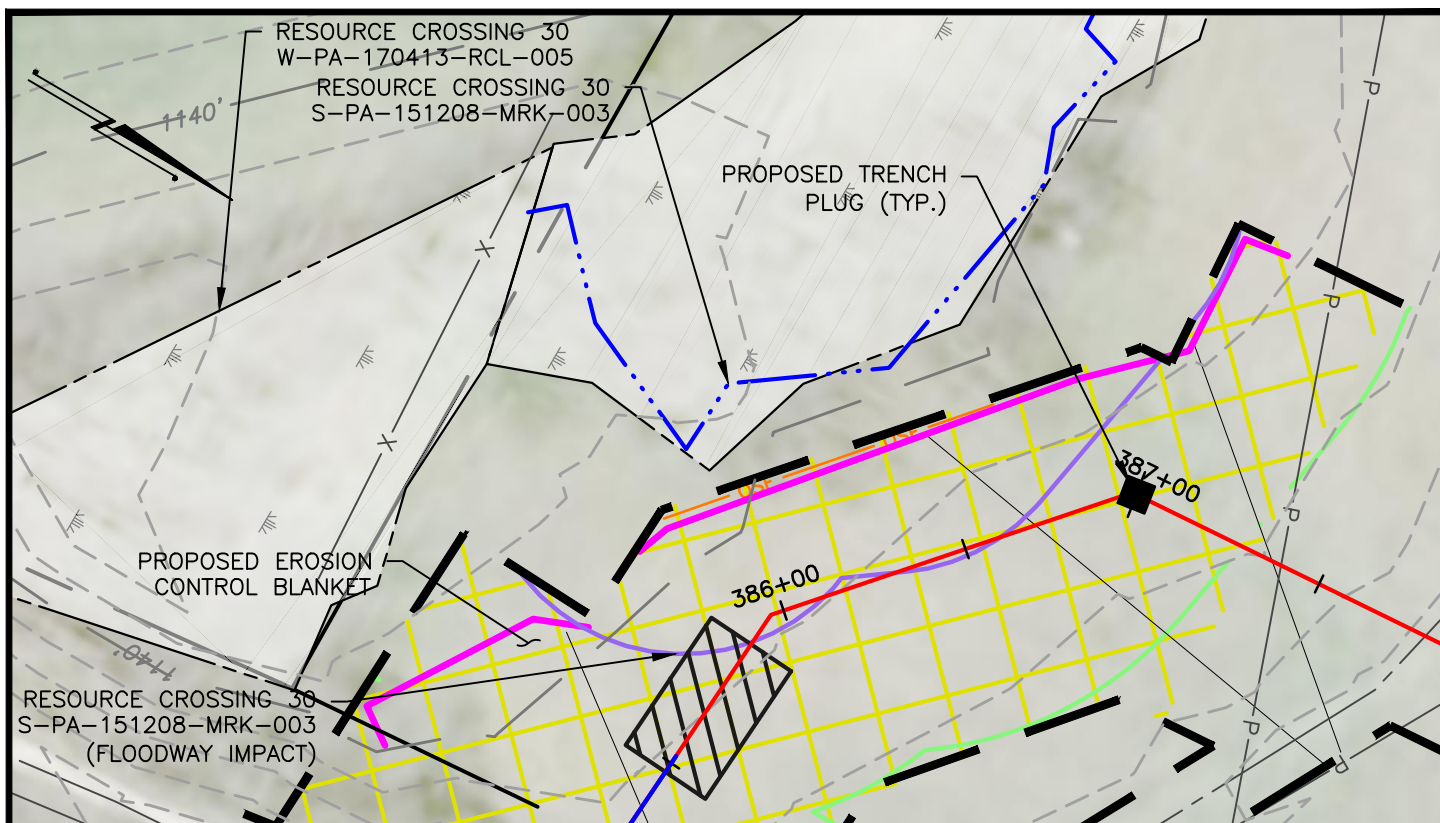


REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS031 - RESOURCE CROSSING #29		
MOUNT PLEASANT TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124530

Filename: Y:\PROJECTS\1747\SHLL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\034-STREAM001&WET001.DWG  
Last saved by: ALEXANDER.CURTICE (7/31/2018 12:46 PM) Last Plotted: 2018-07-31 (7/31/2018 2:01 PM)



**NOTES:**

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5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.

PROJECT WORKSPACE HAS BEEN REVISED TO MINIMIZE IMPACTS TO THESE RESOURCES.

REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION

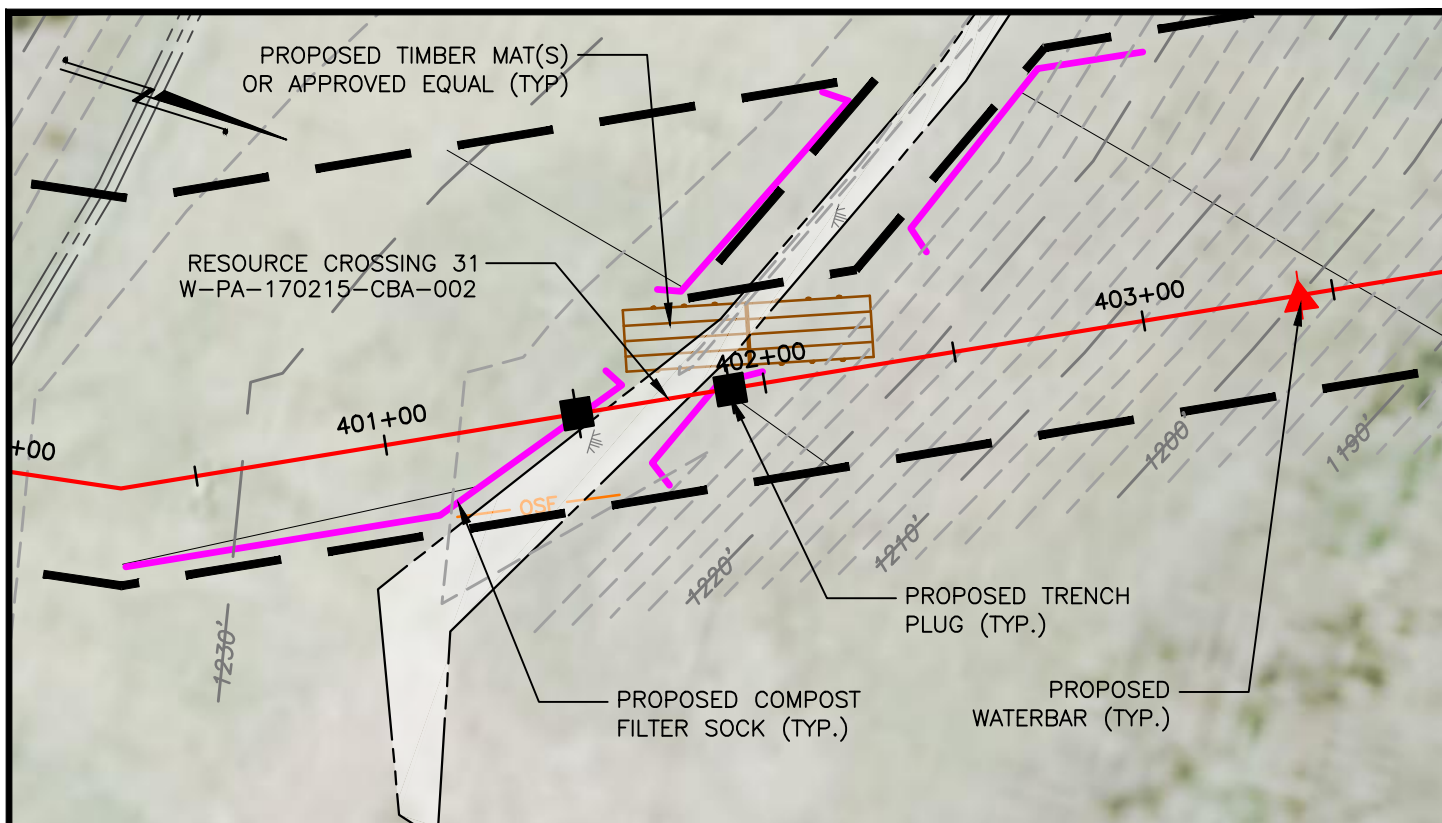
SS032 - RESOURCE CROSSING #30  
MOUNT PLEASANT TOWNSHIP  
WASHINGTON COUNTY, PA

DATE:	09/14/17	SPLC-GOM-AE-SA124531	REV. 2
BY:	IMM		

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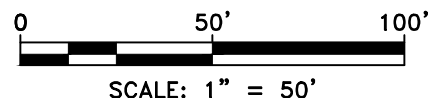


Filename: Y:\PROJECTS\1747\SHALL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\035-WET001.DWG  
 Last saved by: ALEXANDER.CURTICE (7/31/2018 12:05 PM) Last Plotted: 2018-07-31 (7/31/2018 2:02 PM)



# NOTES:

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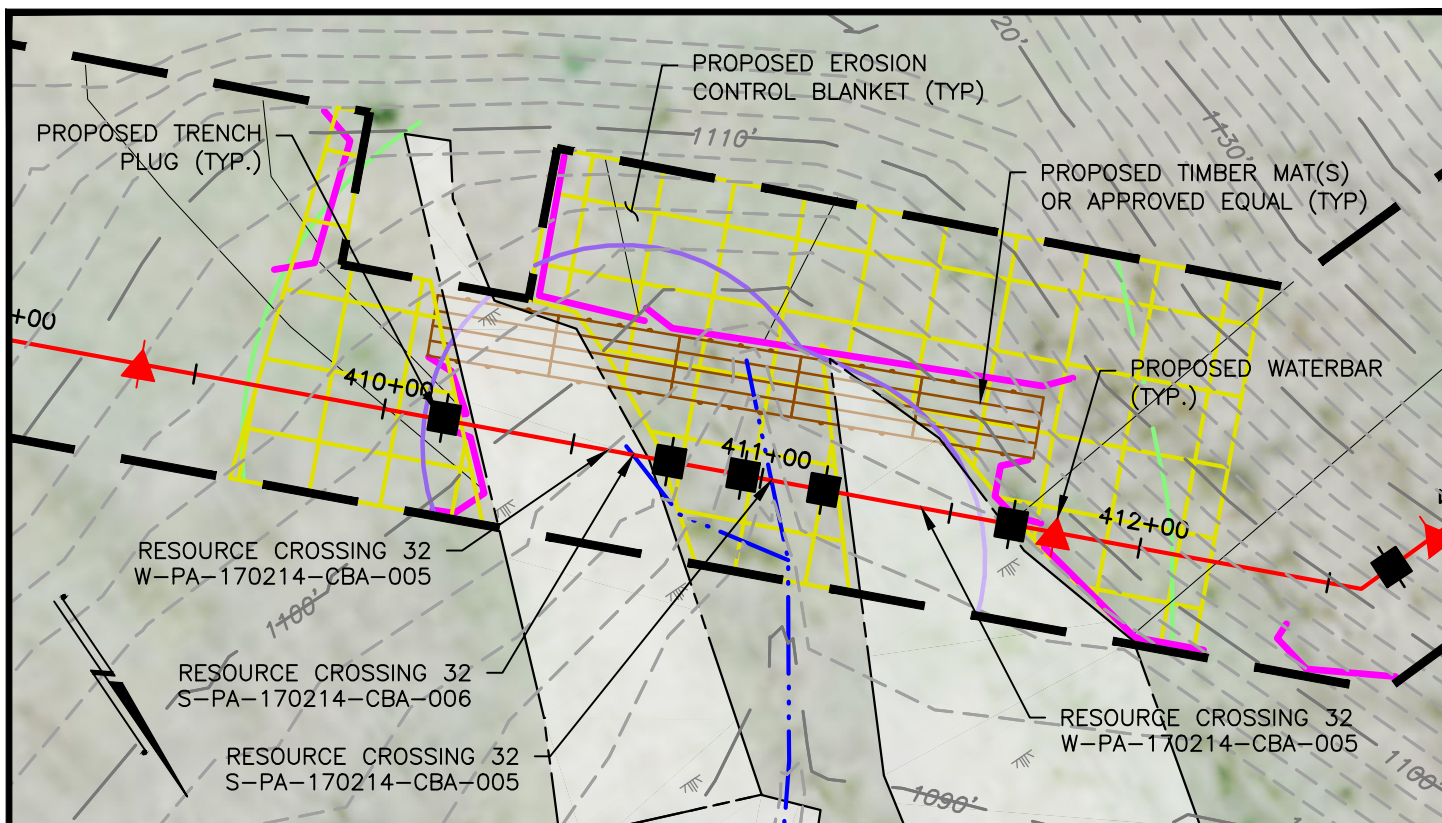


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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS033 - RESOURCE CROSSING #31		
MOUNT PLEASANT TOWNSHIP		PA
WASHINGTON COUNTY,		
DATE:	09/14/17	REV.
BY:	IMM	2
SPLC-GOM-AE-SA124532		

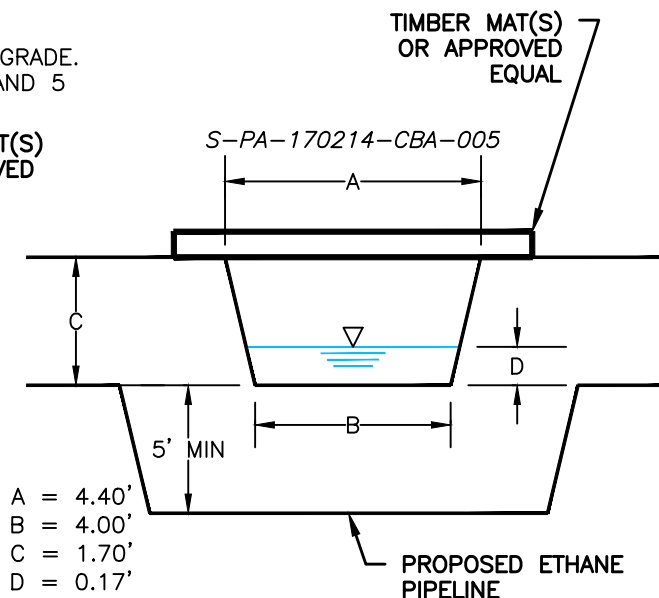
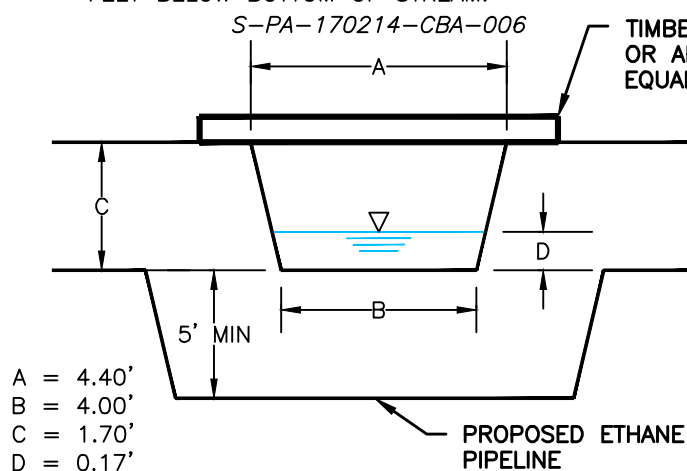
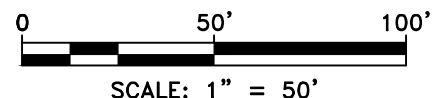
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Filename: Y:\PROJECTS\1747\SHLL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\036-STREAM001&002&WET001&002.DWG  
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#### NOTES:

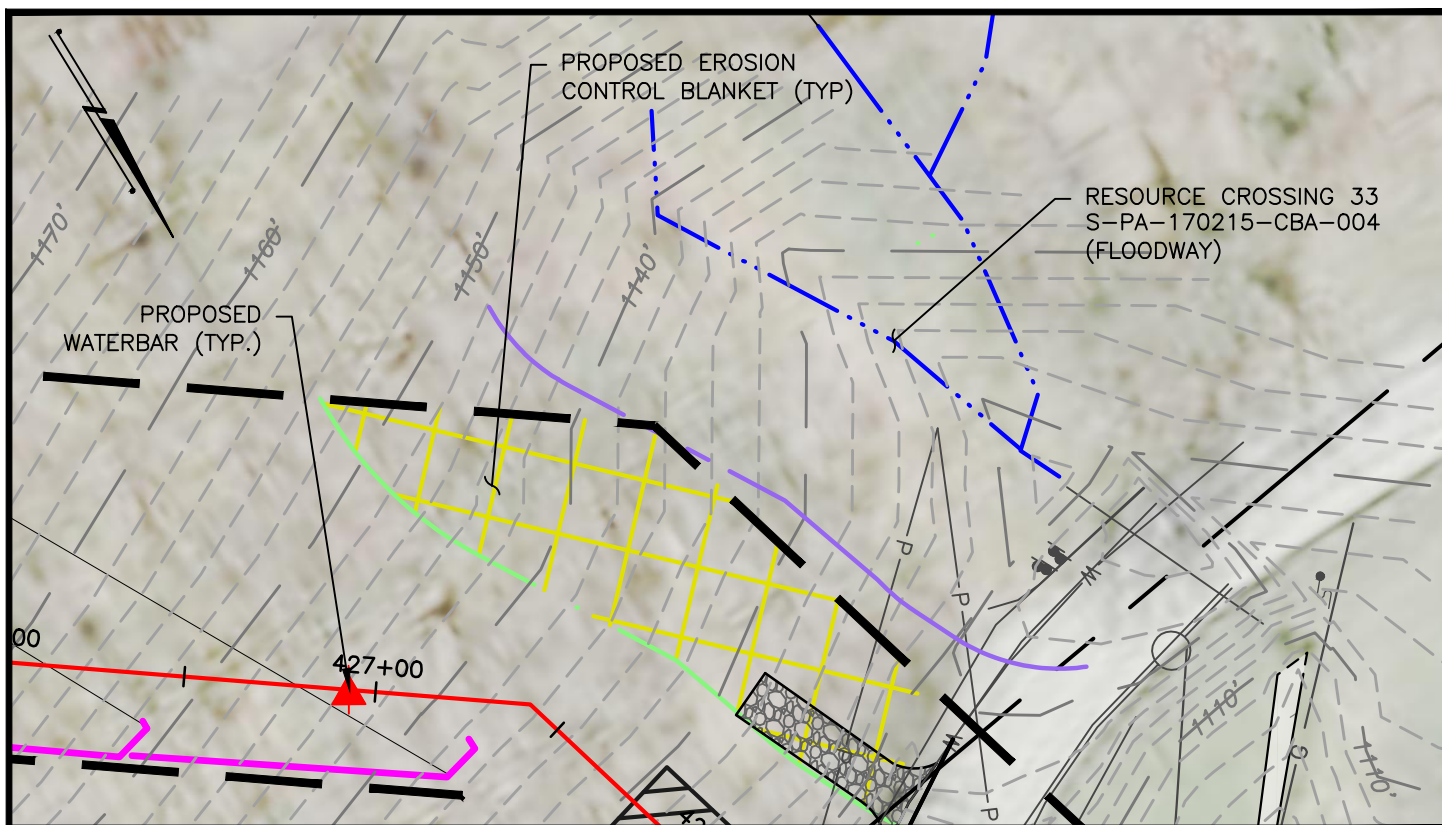
1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
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REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

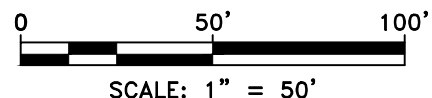
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FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS034 - RESOURCE CROSSING #32		
MOUNT PLEASANT TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124533



**NOTES:**

1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
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2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

**FALCON ETHANE PIPELINE SYSTEM**  
**HOUSTON TO JUNCTION**

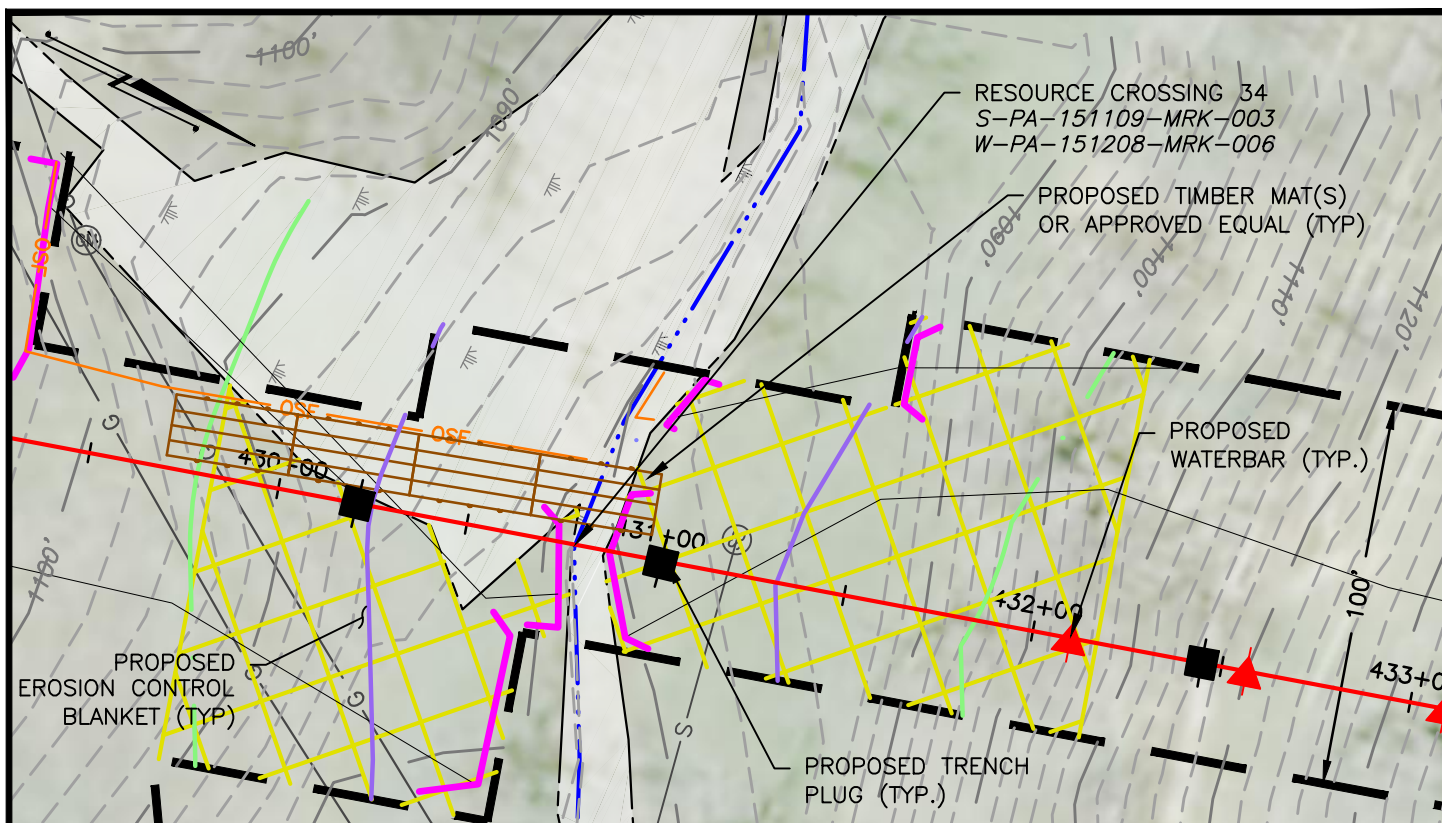
**SS035 - RESOURCE CROSSING #33**  
**MOUNT PLEASANT TOWNSHIP**  
**WASHINGTON COUNTY, PA**

DATE:	09/14/17	SPLC-GOM-AE-SA124534	REV.
BY:	IMM		2

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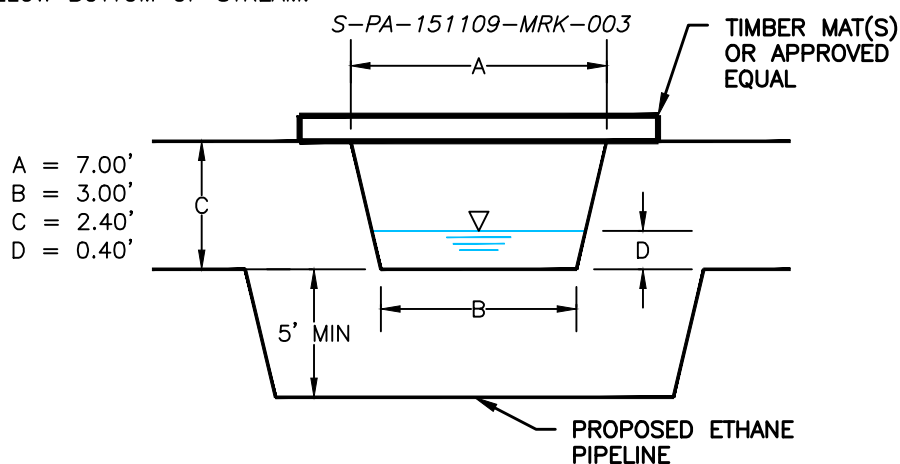
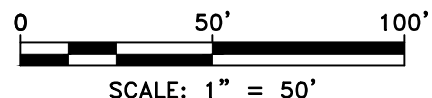


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 Last saved by: TASHINA MCKINNEY (7/31/2018 11:52 AM) Last Plotted: 2018-07-31 (7/31/2018 2:04 PM)



#### NOTES:

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REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

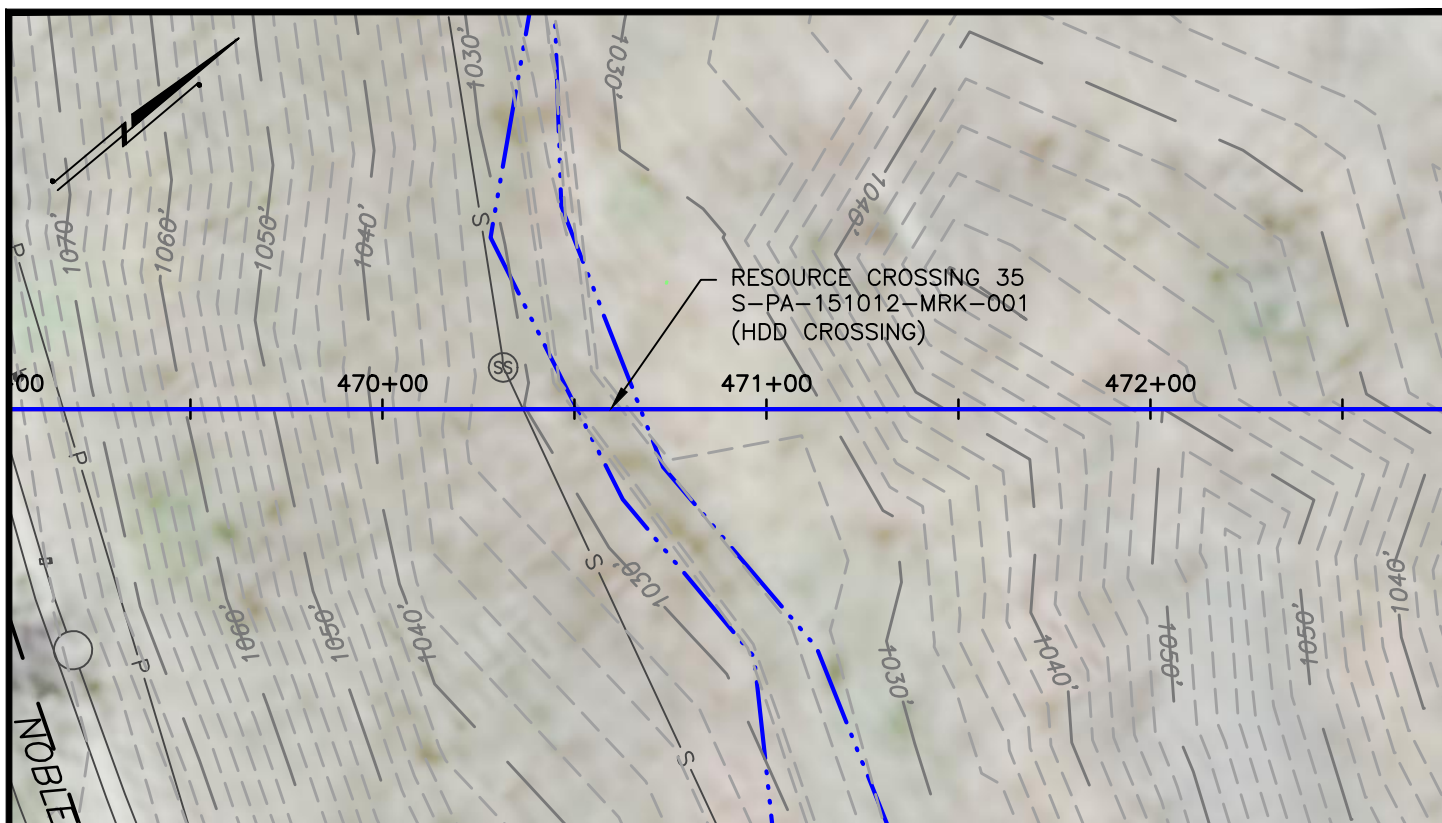
### FALCON ETHANE PIPELINE SYSTEM HOUSTON TO JUNCTION

SS036 - RESOURCE CROSSING #34  
 MOUNT PLEASANT TOWNSHIP  
 WASHINGTON COUNTY, PA

DATE: 09/14/17  
 BY: IMM  
 SPLC-GOM-AE-SA124535  
 REV. 2

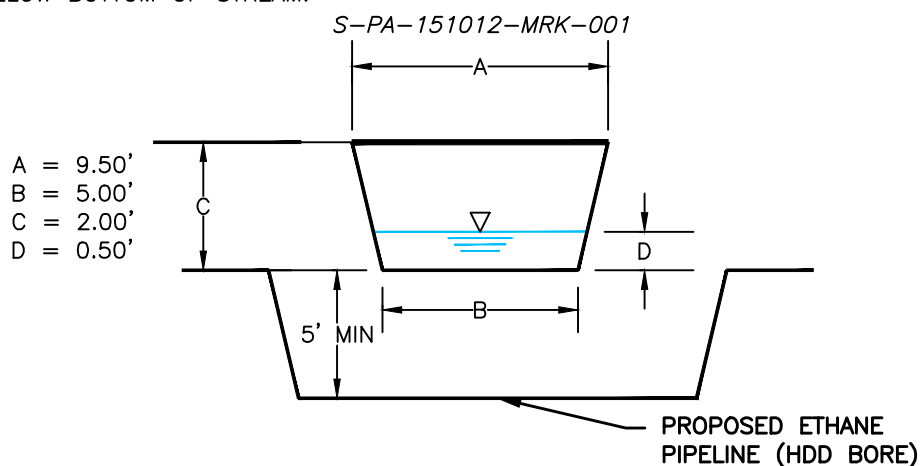
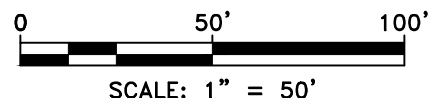
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Filename: Y:\PROJECTS\1747\SHALL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\040-STREAM001.DWG  
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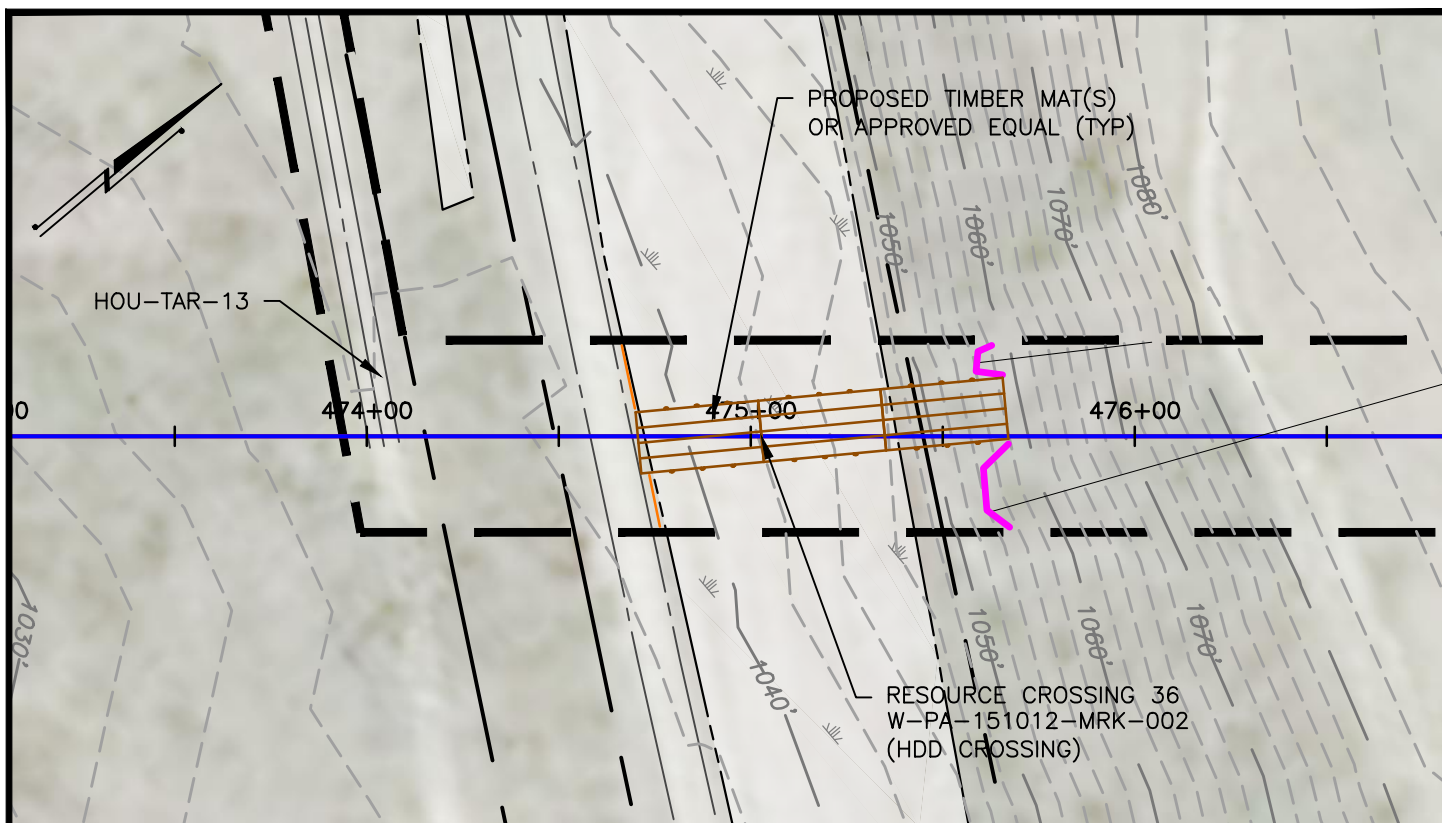


PROPOSED ETHANE PIPELINE (HDD BORE)

REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
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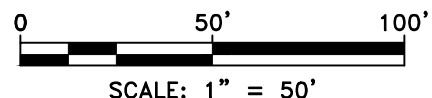
FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS037 - RESOURCE CROSSING #35		
ROBINSON TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124536

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REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

**FALCON ETHANE PIPELINE SYSTEM**  
**HOUSTON TO JUNCTION**

**SS038 - RESOURCE CROSSING #36**

ROBINSON TOWNSHIP  
 WASHINGTON COUNTY,

PA

DATE: 09/14/17

BY: IMM

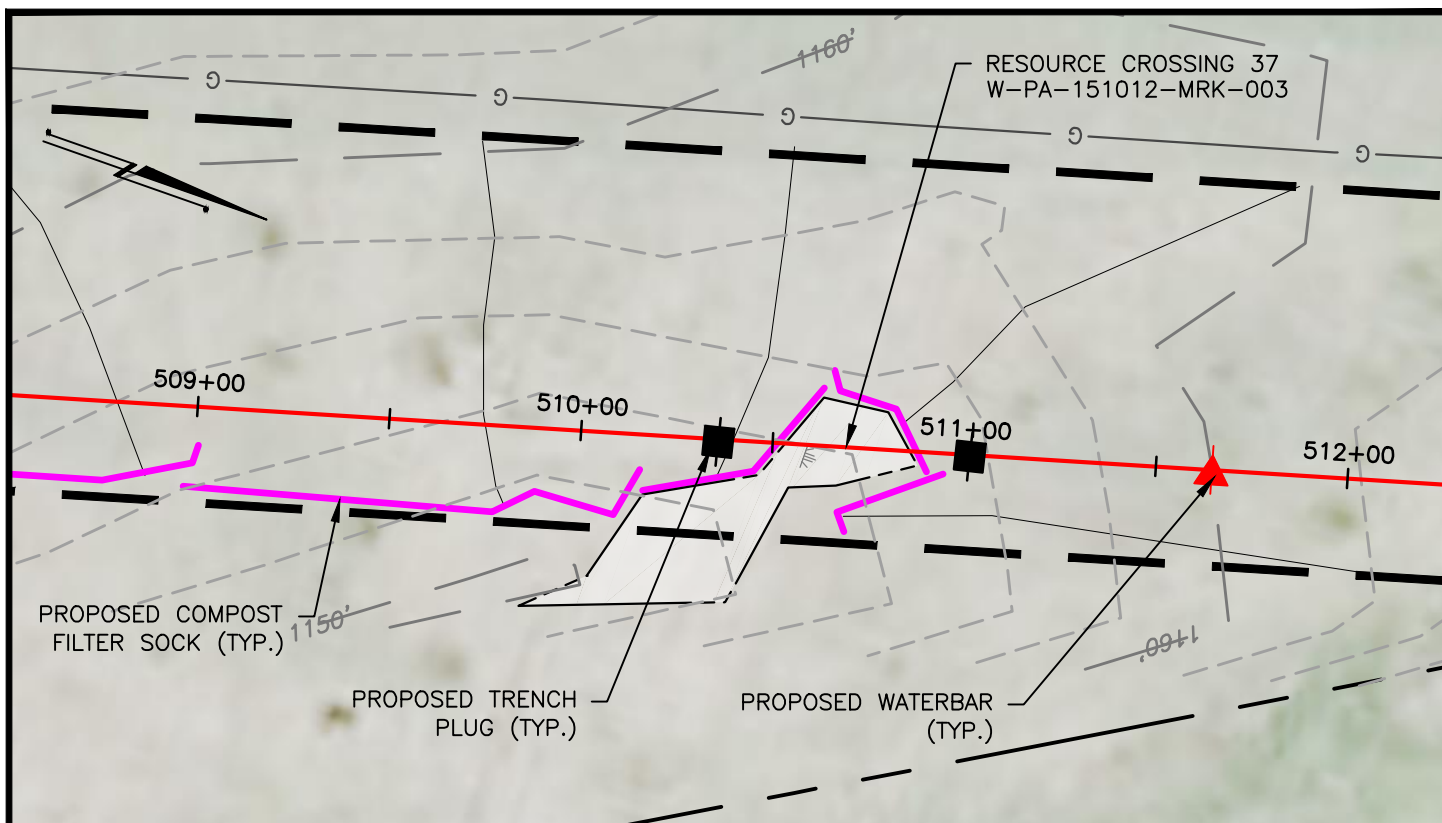
SPLC-GOM-AE-SA124537

REV.  
2

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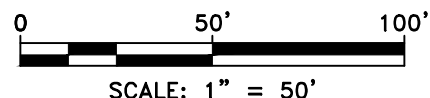


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**NOTES:**

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REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

**FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION**

**SS039 - RESOURCE CROSSING #37**

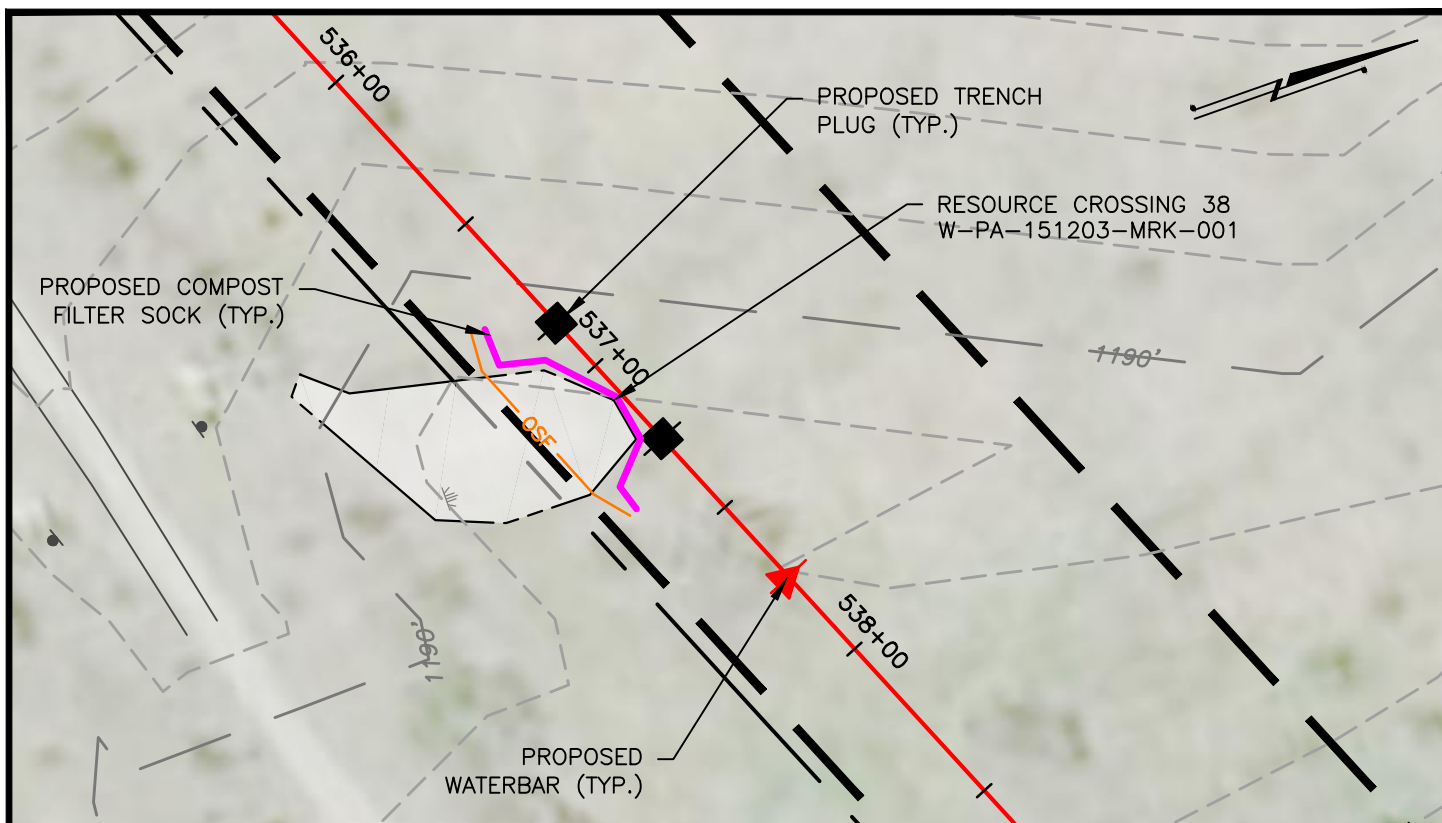
ROBINSON TOWNSHIP  
WASHINGTON COUNTY,

PA

DATE:	09/14/17	REV.	2
BY:	IMM	SPLC-GOM-AE-SA124538	

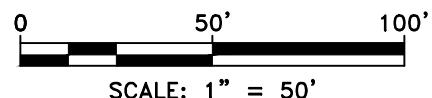
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**NOTES:**

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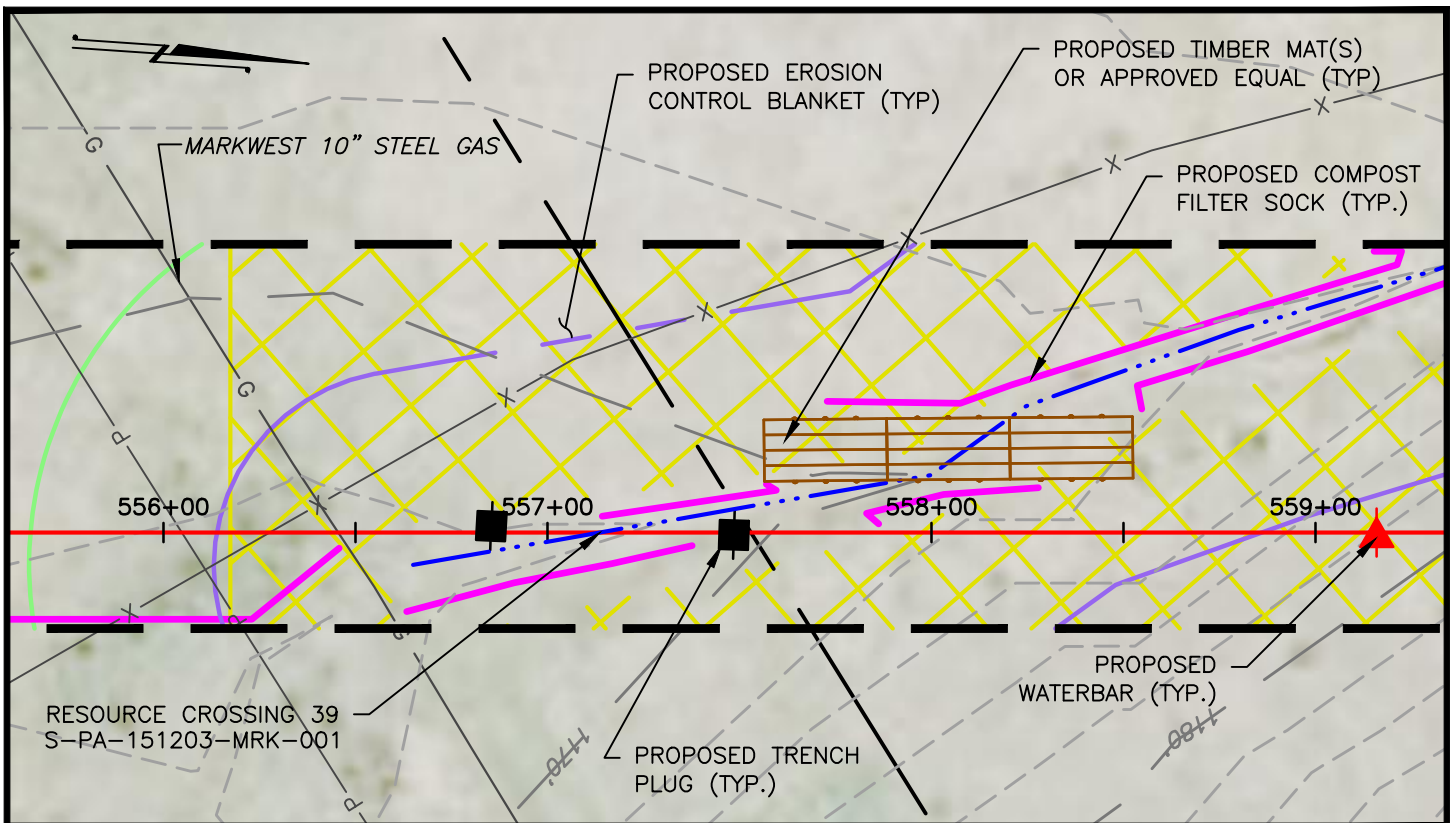


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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS040 - RESOURCE CROSSING #38		
ROBINSON TOWNSHIP		PA
WASHINGTON COUNTY,		
DATE:	09/14/17	REV.
BY:	IMM	2
SPLC-GOM-AE-SA124539		

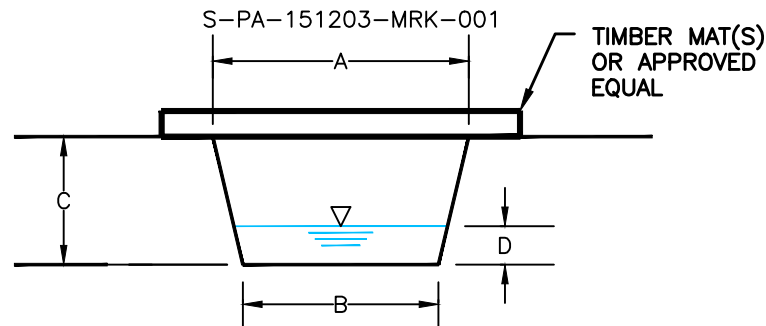
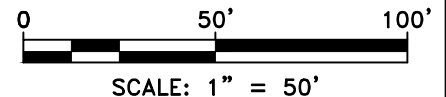
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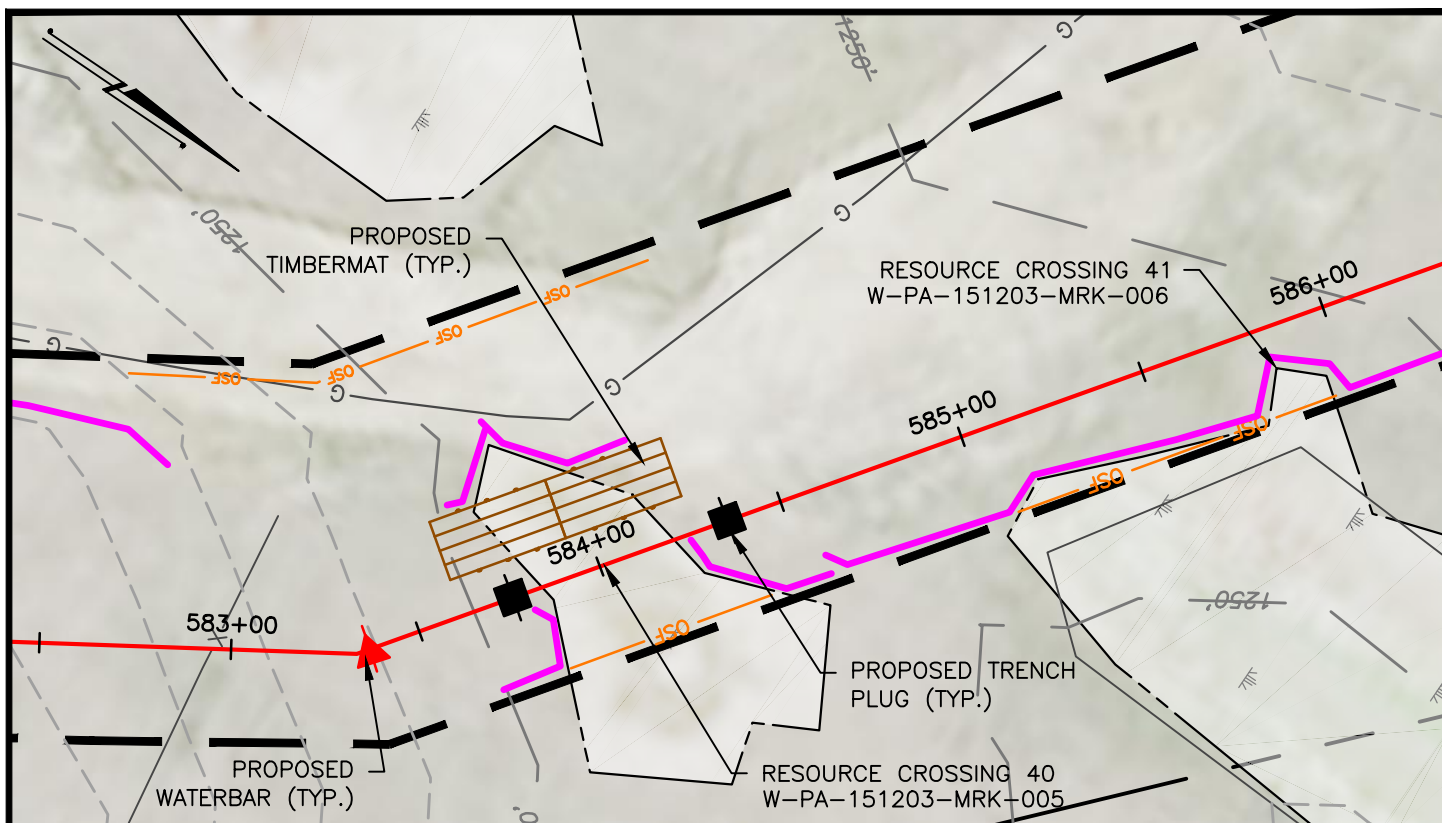
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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS041 - RESOURCE CROSSING #39		
ROBINSON TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124540

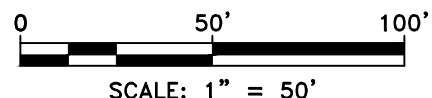


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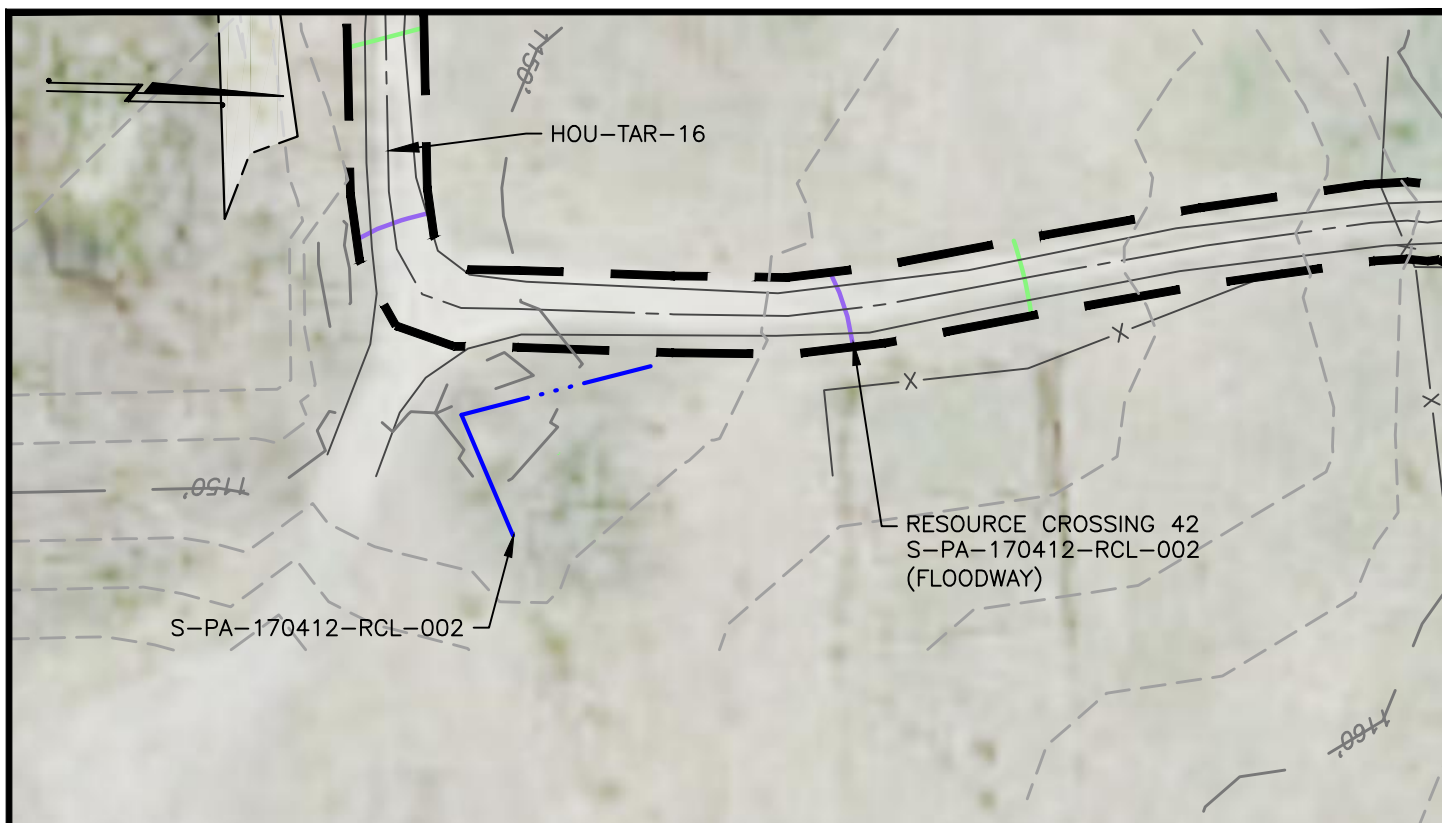


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0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

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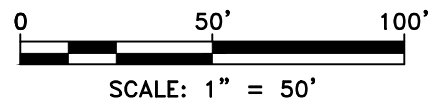
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HOUSTON TO JUNCTION		
SS042 - RESOURCE CROSSING #40 & #41		
ROBINSON TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124541

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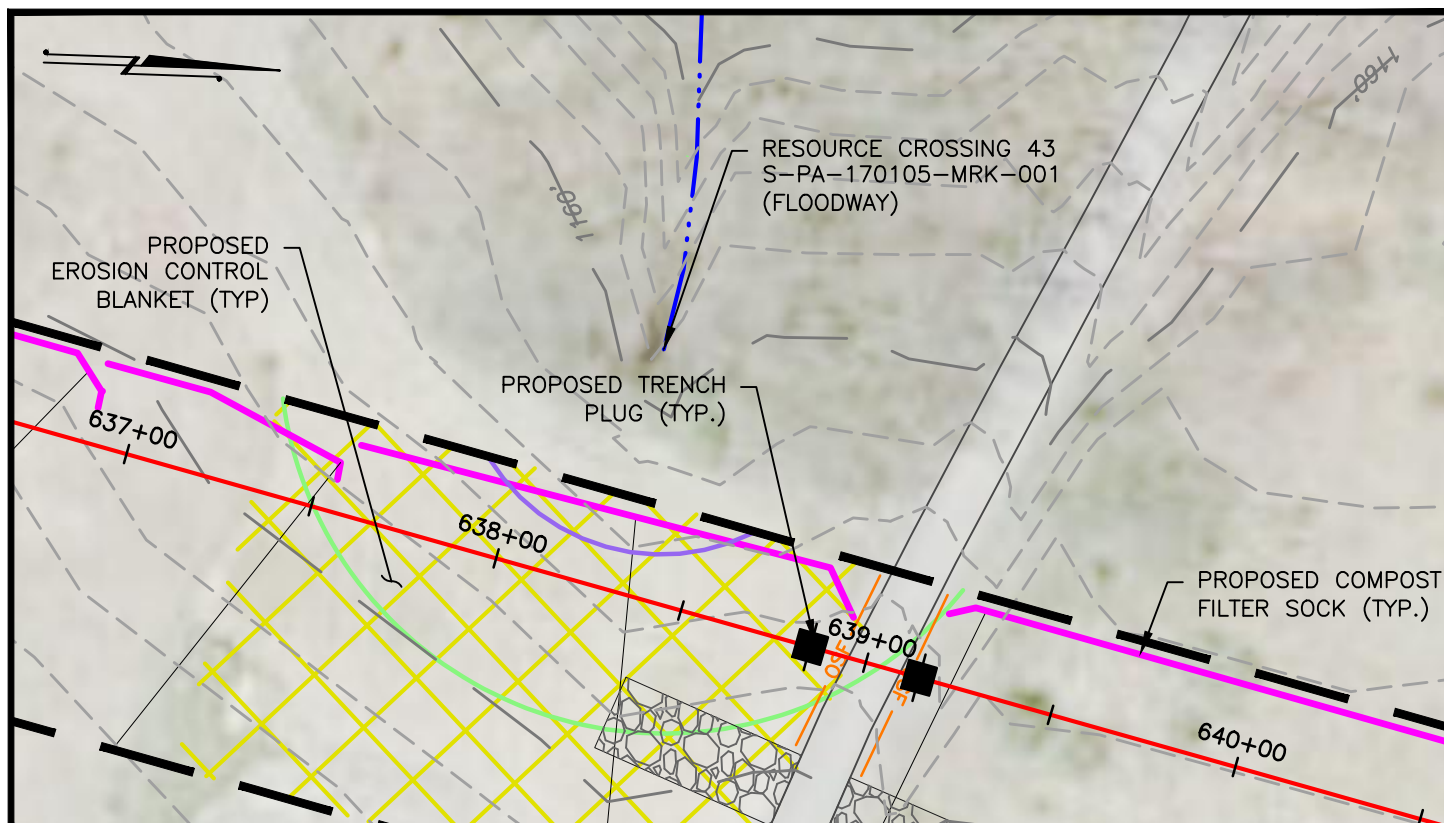
1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
2. WETLAND INFORMATION BASED ON FIELD DELINEATION PERFORMED BY AECOM.
3. EXISTING GRADE INFORMATION BASED ON FIELD SURVEY PROVIDED BY PERCHERON, LLC.
4. PIPELINE LOCATED 4 FEET MINIMUM BENEATH EXISTING GRADE.
5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.



2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

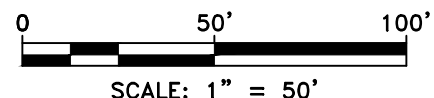
FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS043 - RESOURCE CROSSING #42		
ROBINSON TOWNSHIP		PA
WASHINGTON COUNTY,		
DATE:	09/14/17	REV.
BY:	IMM	2
SPLC-GOM-AE-SA124542		

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**NOTES:**

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2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

**FALCON ETHANE PIPELINE SYSTEM  
HOUSTON TO JUNCTION**

**SS044 - RESOURCE CROSSING #43**

ROBINSON TOWNSHIP  
WASHINGTON COUNTY,

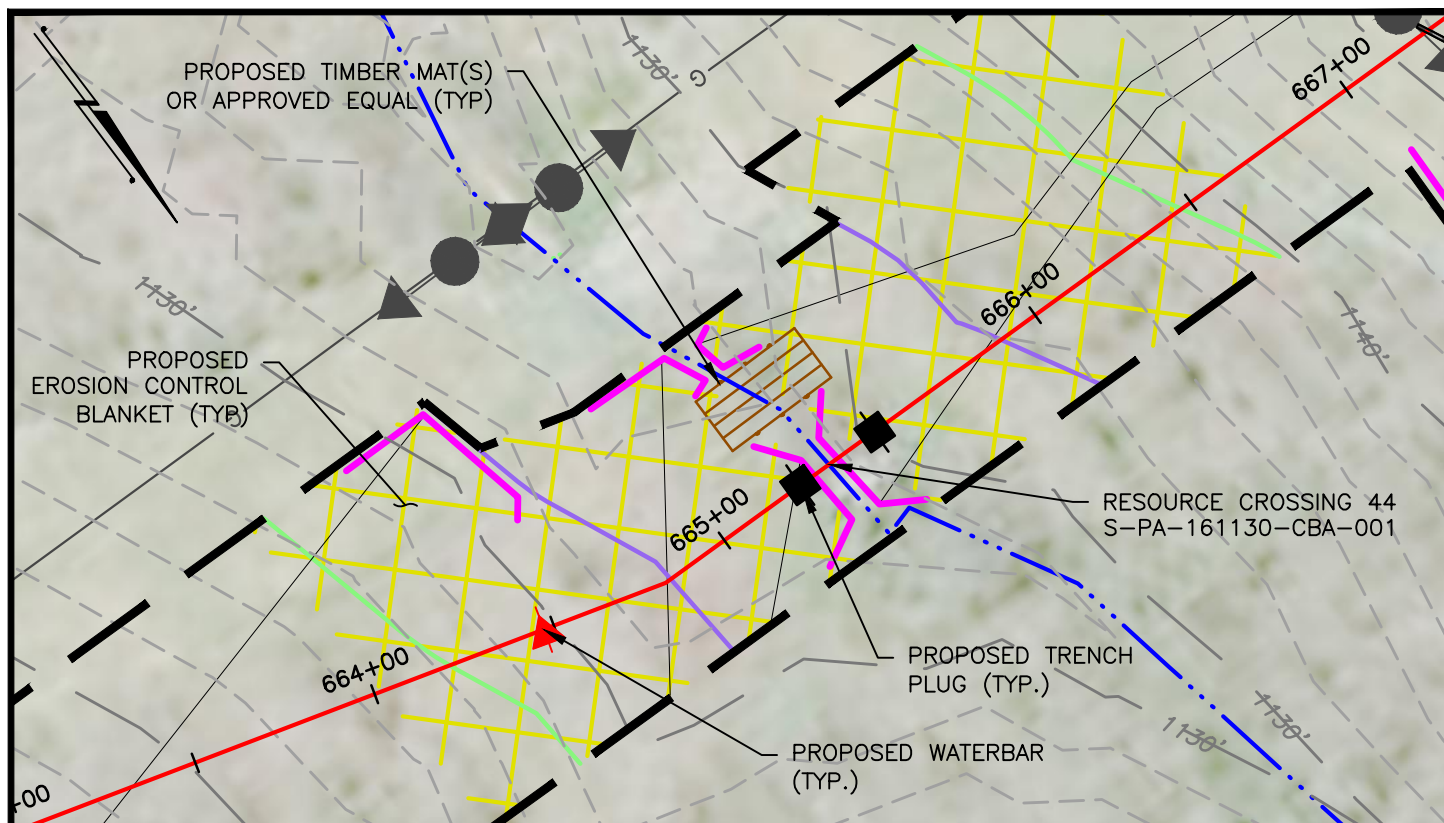
PA

DATE:	09/14/17	SPLC-GOM-AE-SA124543	REV. 2
BY:	IMM		

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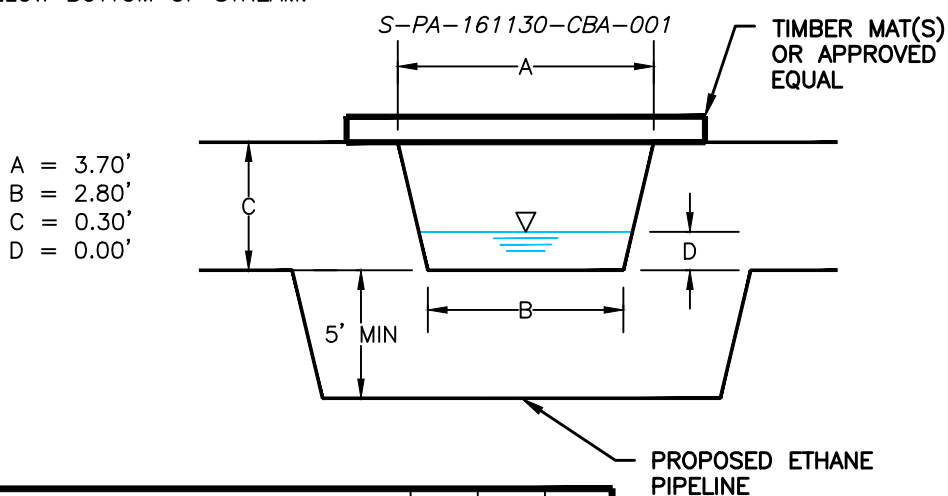
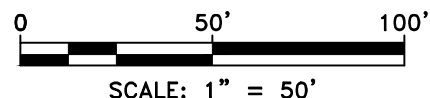


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**NOTES:**

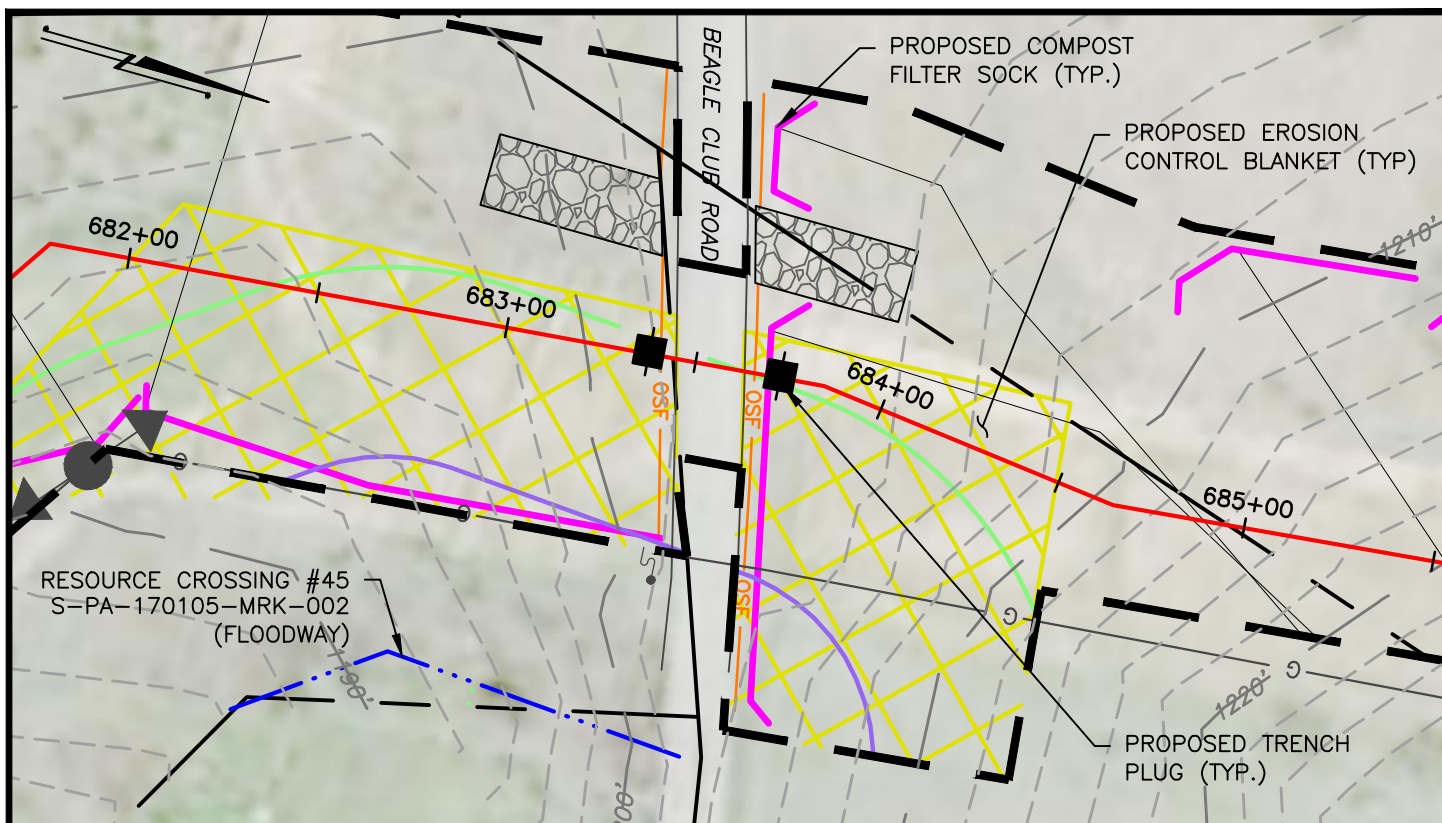
1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
2. WETLAND INFORMATION BASED ON FIELD DELINEATION PERFORMED BY AECOM.
3. EXISTING GRADE INFORMATION BASED ON FIELD SURVEY PROVIDED BY PERCHERON, LLC.
4. PIPELINE LOCATED 4 FEET MINIMUM BENEATH EXISTING GRADE.
5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.



REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

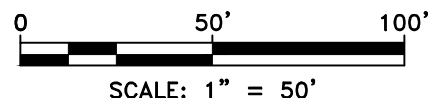
THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER MAKE ANY WARRANTY AS TO THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION CONTAINED ON THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY AS A RESULT OF RELIANCE THEREON.

FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS045 - RESOURCE CROSSING #44		
ROBINSON TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124544



**NOTES:**

1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
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2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

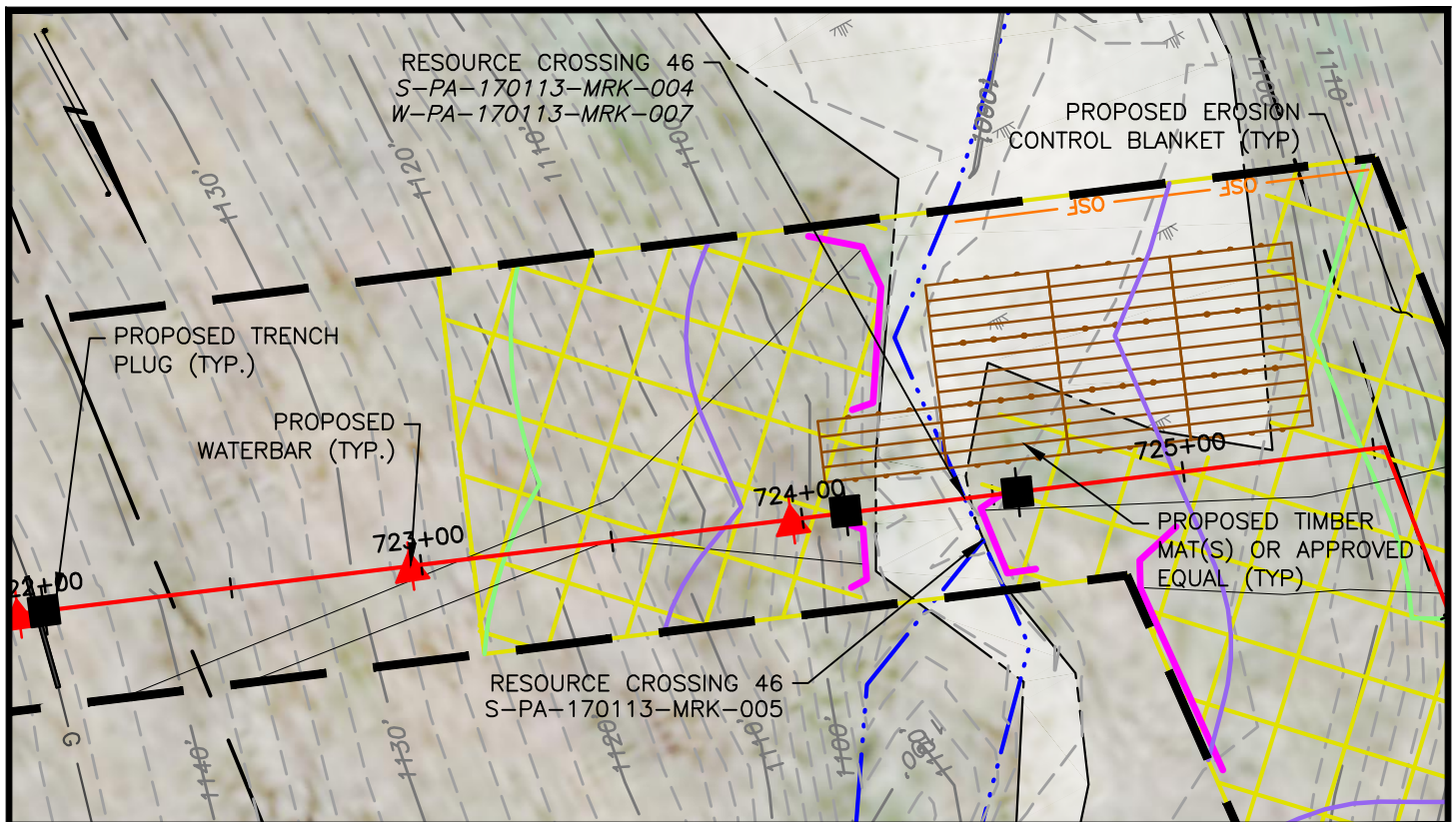
THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER MAKE ANY WARRANTY AS TO THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION CONTAINED ON THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY AS A RESULT OF RELIANCE THEREON.

**FALCON ETHANE PIPELINE SYSTEM**  
**HOUSTON TO JUNCTION**

**SS046 - RESOURCE CROSSING #45**  
**ROBINSON TOWNSHIP**  
**WASHINGTON COUNTY, PA**

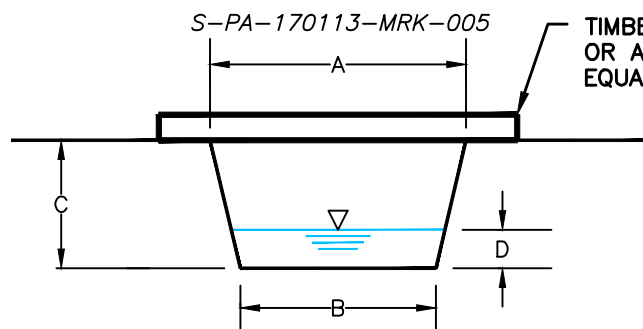
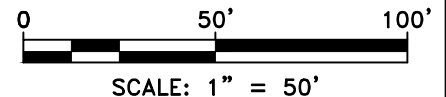
DATE:	09/14/17	REV.	2
BY:	IMM	SPLC-GOM-AE-SA124545	

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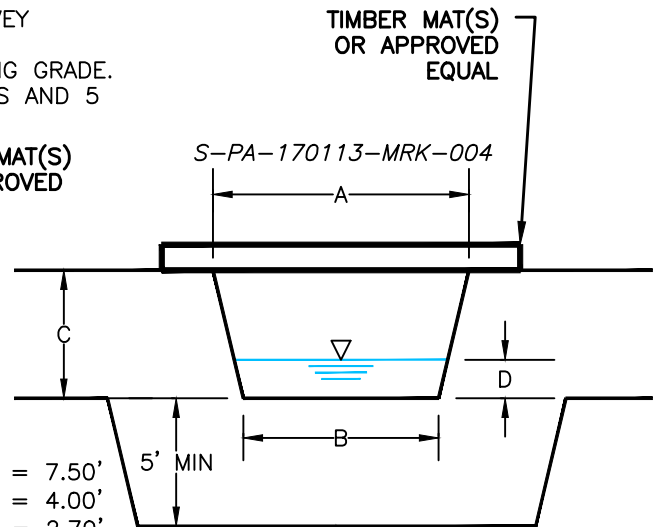


#### NOTES:

1. FOR RESOURCE IMPACTS SEE AQUATIC RESOURCE TABLE INCLUDED IN THIS APPLICATION PACKAGE
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5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.



A = 7.50'  
B = 4.00'  
C = 2.70'  
D = 0.70'



A = 7.50'  
B = 4.00'  
C = 2.70'  
D = 0.70'

PROPOSED ETHANE PIPELINE

REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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### FALCON ETHANE PIPELINE SYSTEM HOUSTON TO JUNCTION

SS047 - RESOURCE CROSSING #46

ROBINSON TOWNSHIP  
WASHINGTON COUNTY,

PA

DATE: 09/14/17

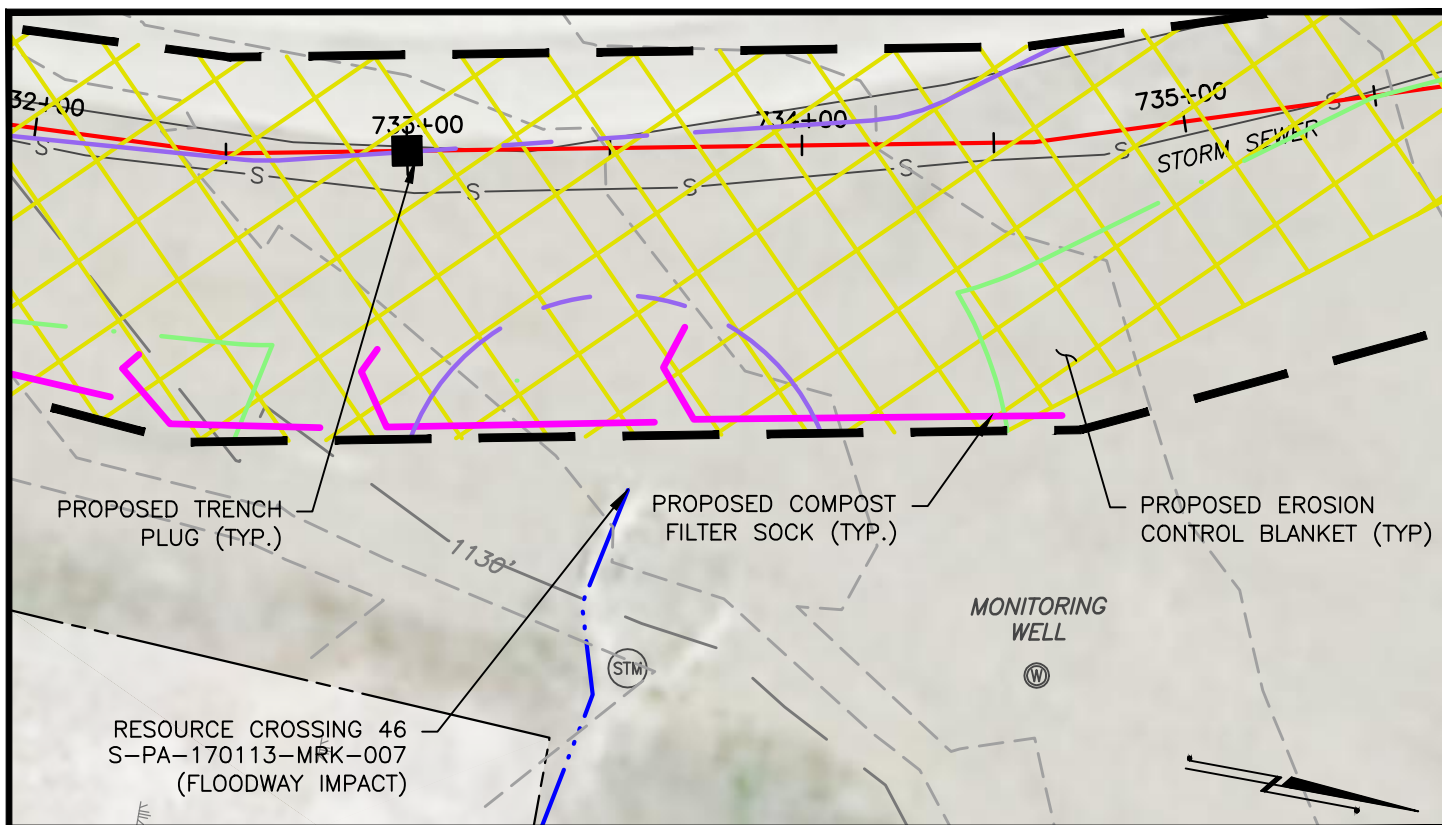
BY: IMM

SPLC-GOM-AE-SA124546

REV.  
2

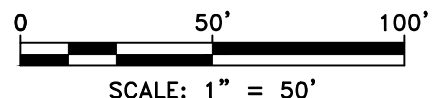


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 Last saved by: TASHINA MCKINNEY (7/31/2018 12:56 PM) Last Plotted: 2018-07-31 (7/31/2018 2:11 PM)



**NOTES:**

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5. PIPELINE LOCATED 4 FEET MINIMUM BELOW WETLANDS AND 5 FEET BELOW BOTTOM OF STREAM.

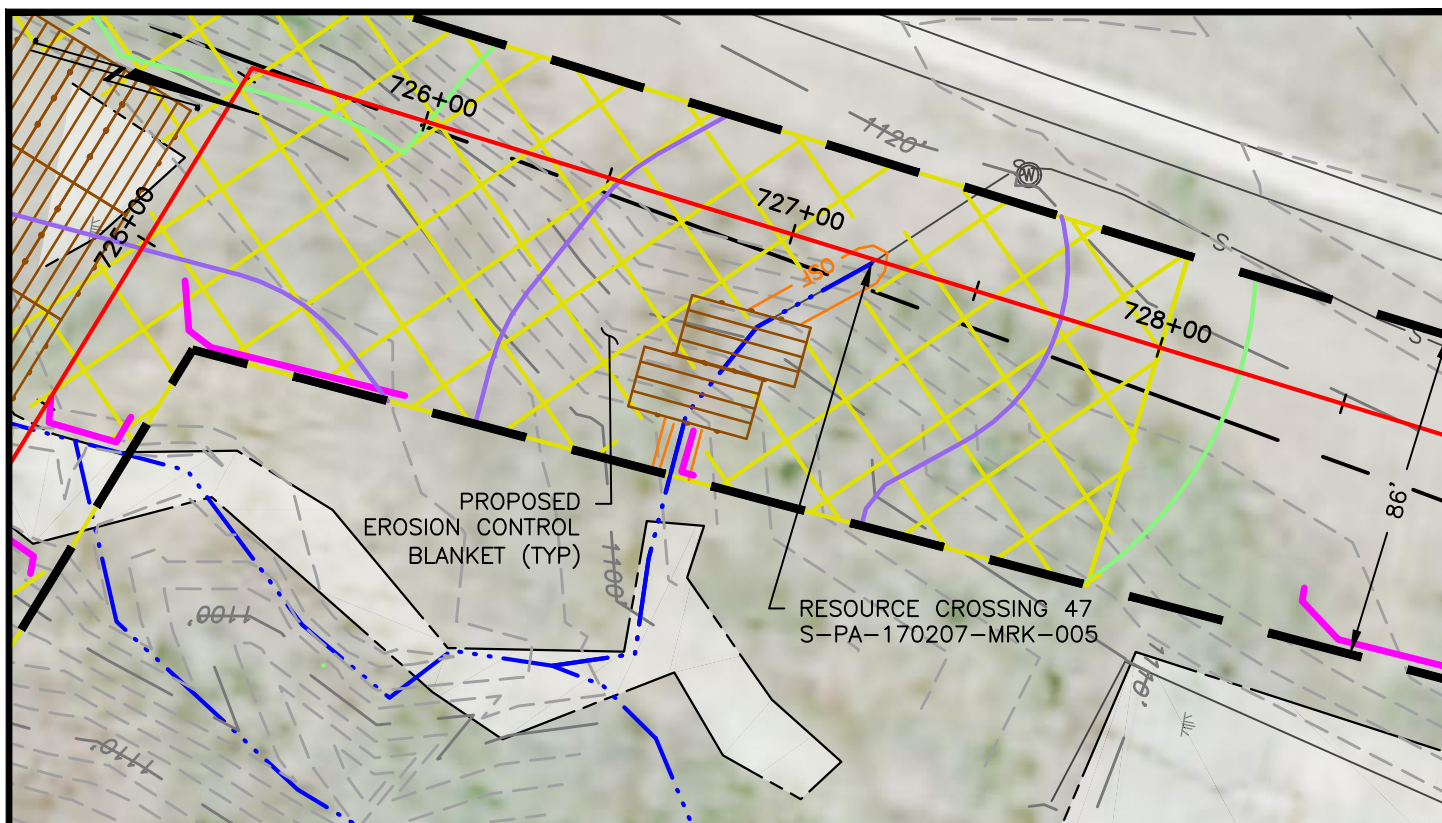


2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
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0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW
REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP

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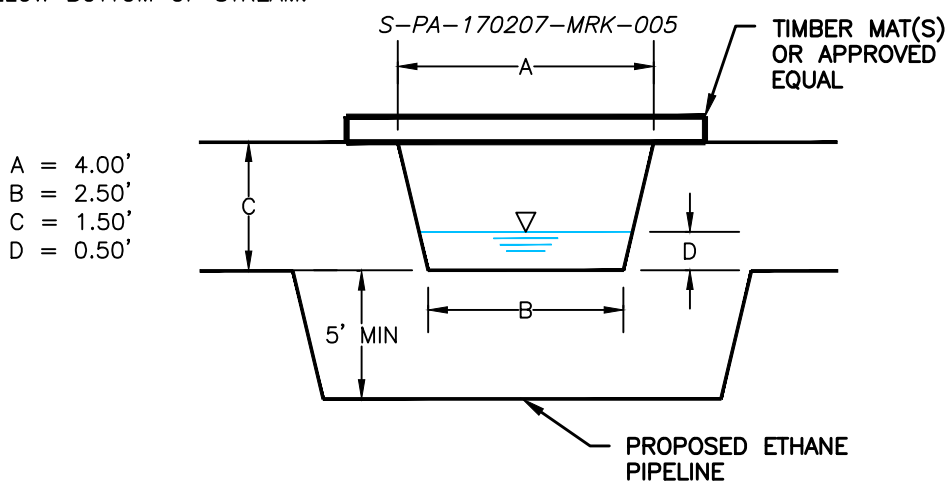
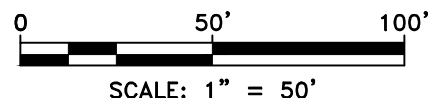
FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS048 - RESOURCE CROSSING #46		
ROBINSON TOWNSHIP		PA
WASHINGTON COUNTY,		
DATE:	09/14/17	REV. 2
BY:	IMM	
SPLC-GOM-AE-SA124547		

Filename: Y:\PROJECTS\1747\SHALL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\063-STREAM001.DWG  
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#### NOTES:

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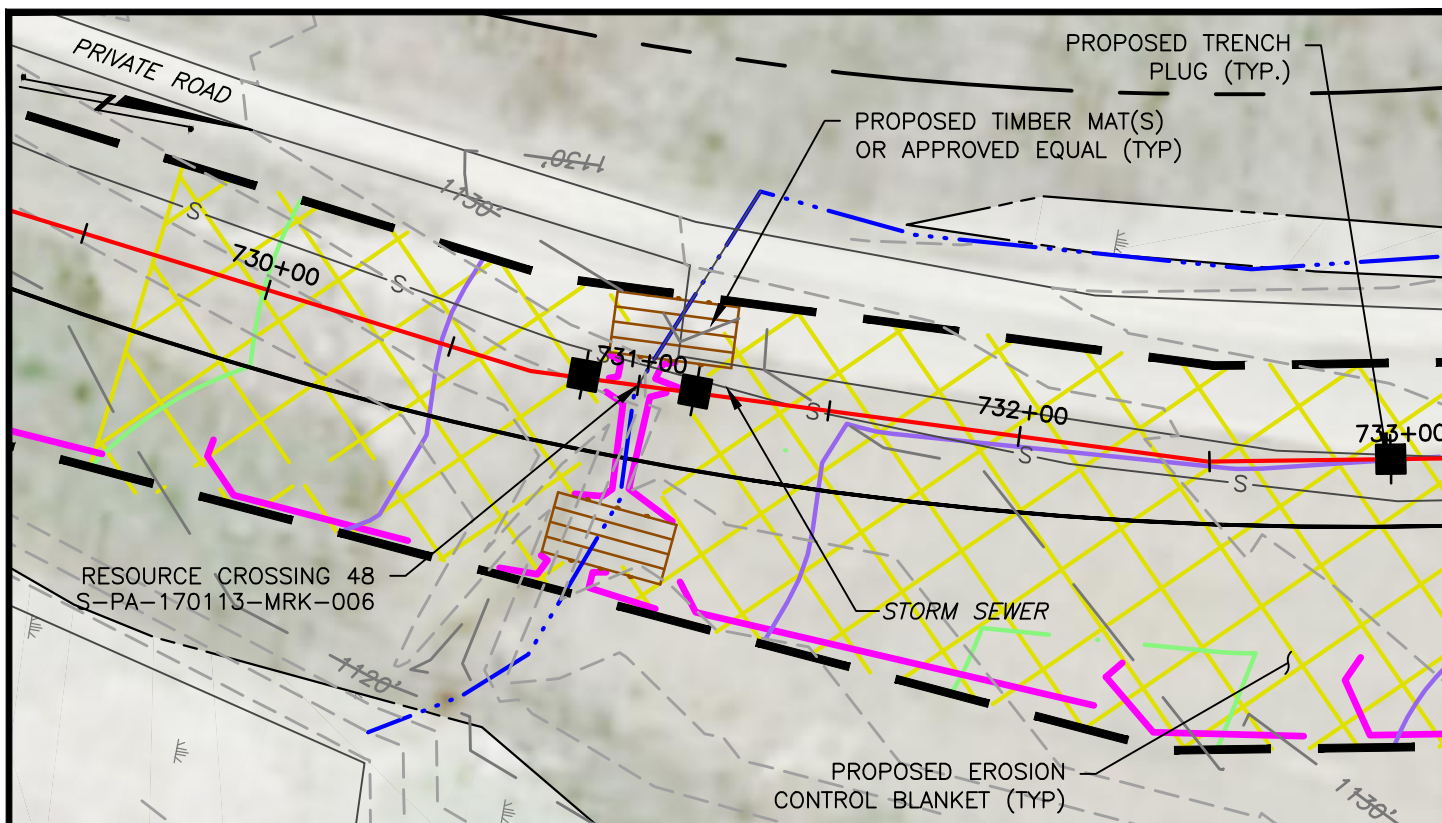


REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
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1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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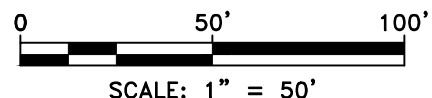
FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS049 - RESOURCE CROSSING #47		
ROBINSON TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124548

Filename: Y:\PROJECTS\1747\SHALL\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\SITESPECIFICS\PENNSYLVANIA\063-STREAM002.DWG  
 Last saved by: TASHINA MCKINNEY (7/31/2018 1:04 PM) Last Plotted: 2018-07-31 (7/31/2018 2:12 PM)

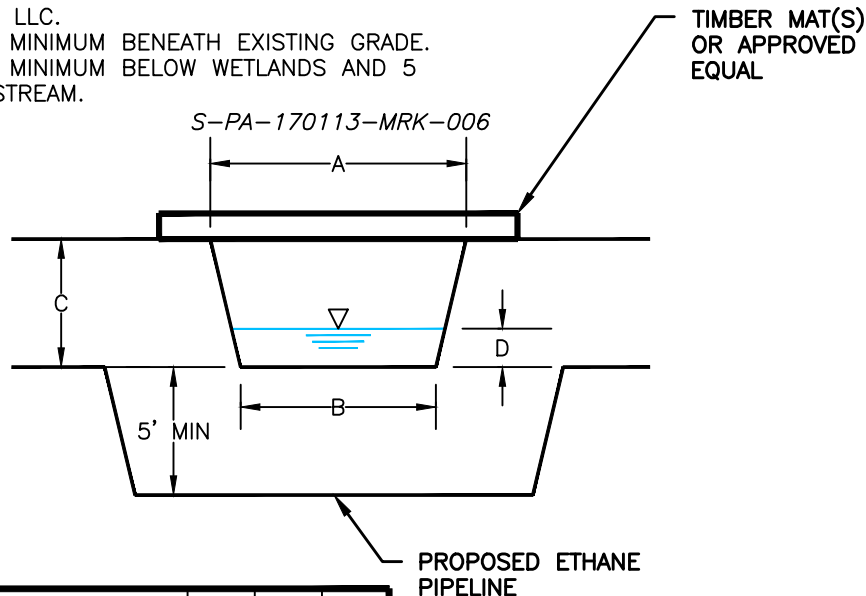


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A = 3.00'  
 B = 1.00'  
 C = 1.20'  
 D = 0.20'



REV	DATE	DESCRIPTION OF REVISION	DWN	CHK	APP
2	08/01/18	REVISED PER DEP COMMENTS ON 06/01	TLM	ARG	BW
1	11/10/17	REVISED PER DEP COMMENTS ON 10/11	TLM	NS	JR
0	9/14/17	ISSUED FOR PERMIT	IMM	NS	BW

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FALCON ETHANE PIPELINE SYSTEM		
HOUSTON TO JUNCTION		
SS050 - RESOURCE CROSSING #48		
ROBINSON TOWNSHIP		
WASHINGTON COUNTY, PA		
DATE:	09/14/17	REV. 2
BY:	IMM	SPLC-GOM-AE-SA124549