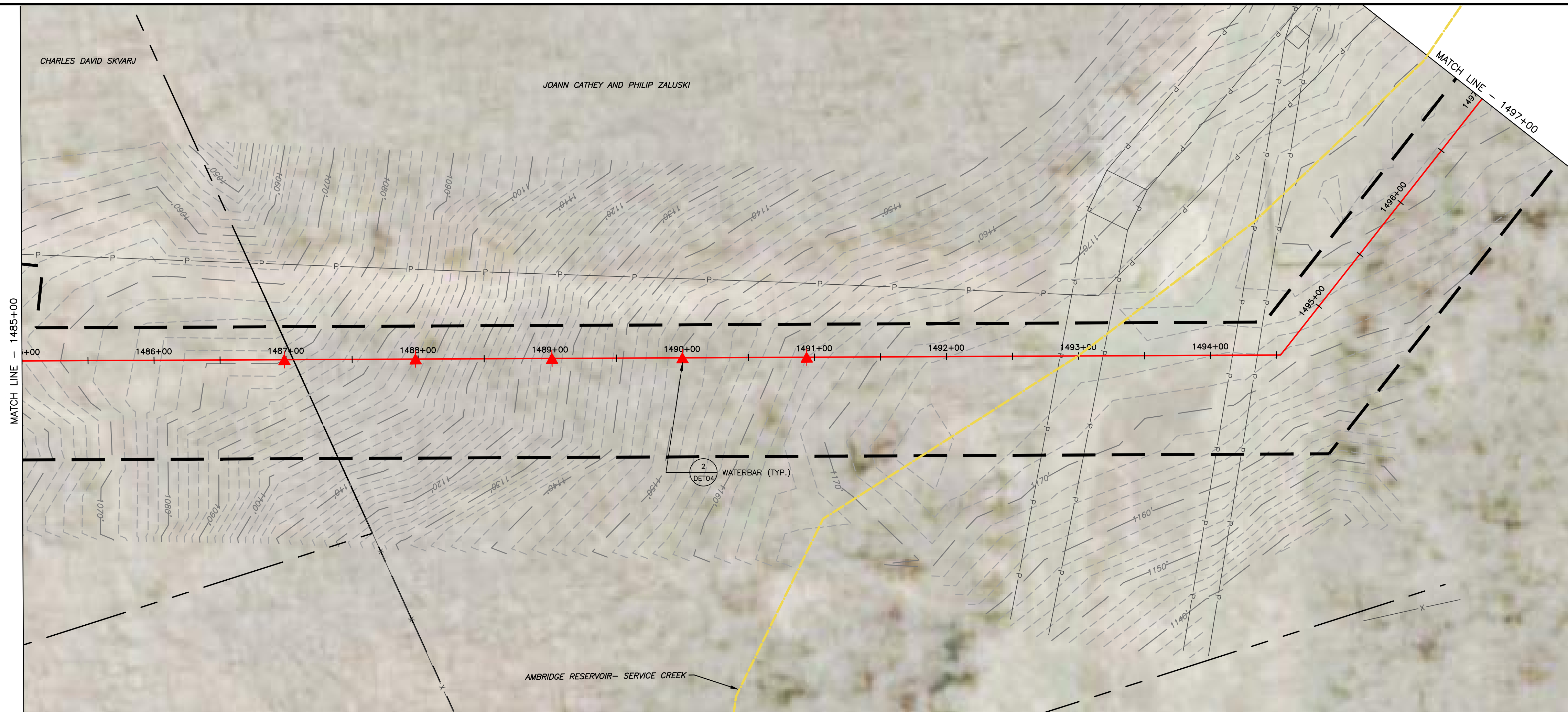
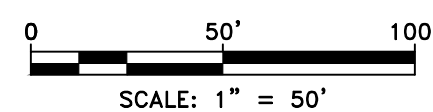
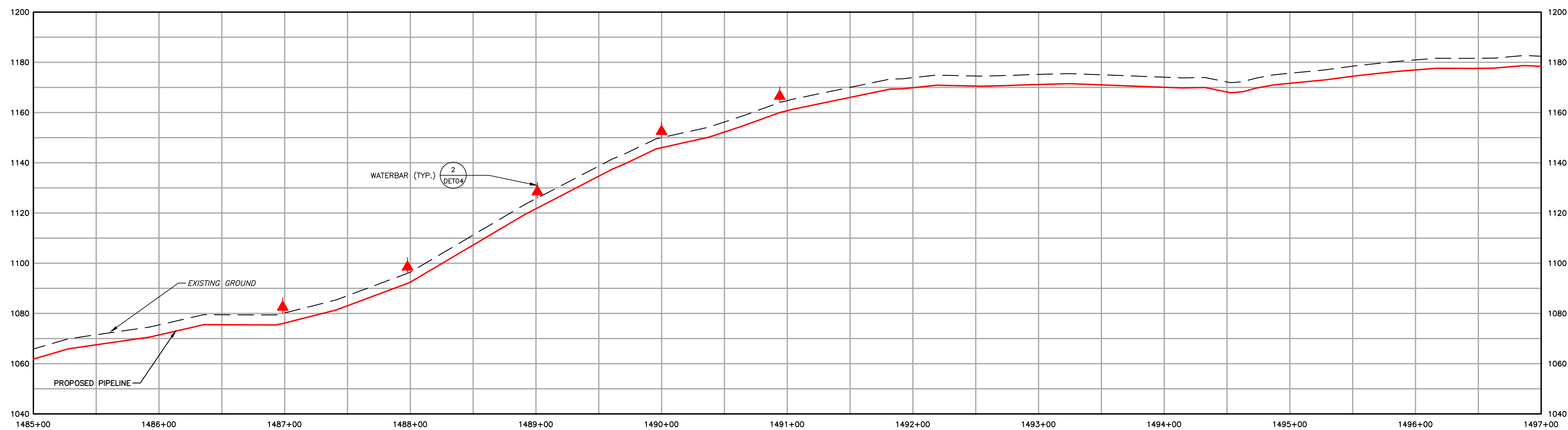




LAND USE	WOODS	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:

[illegible]

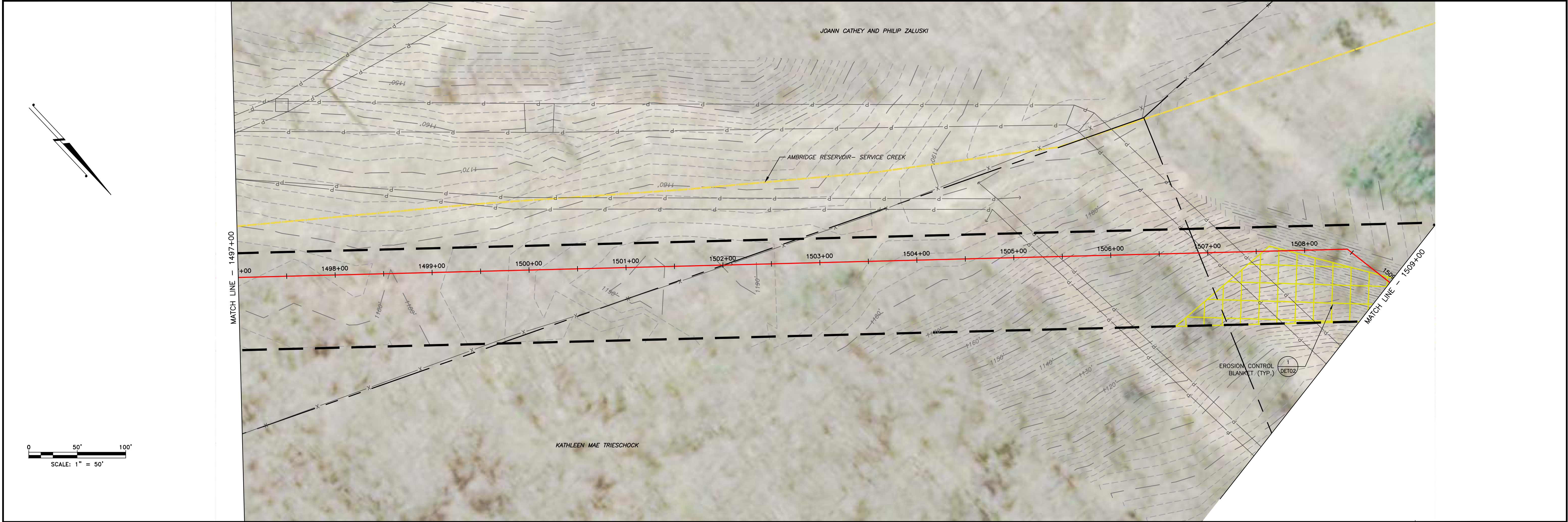
FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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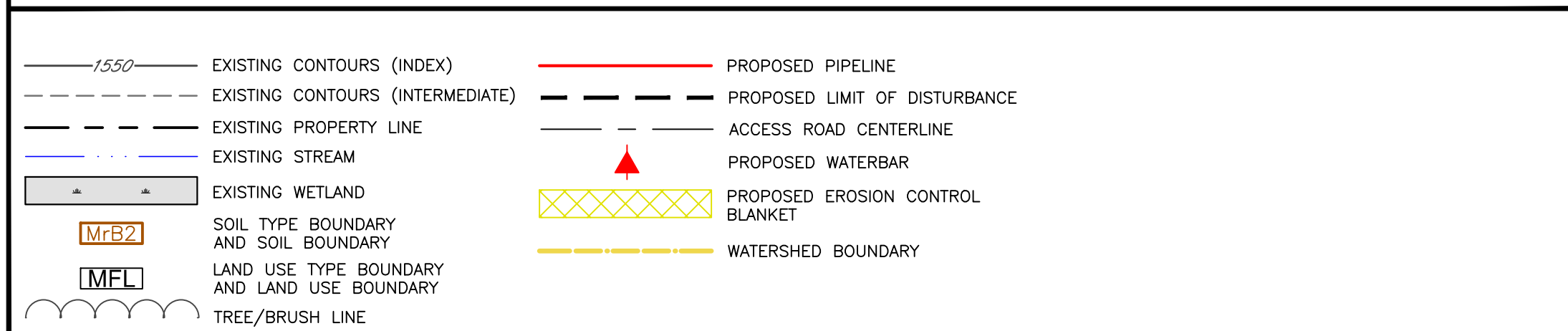
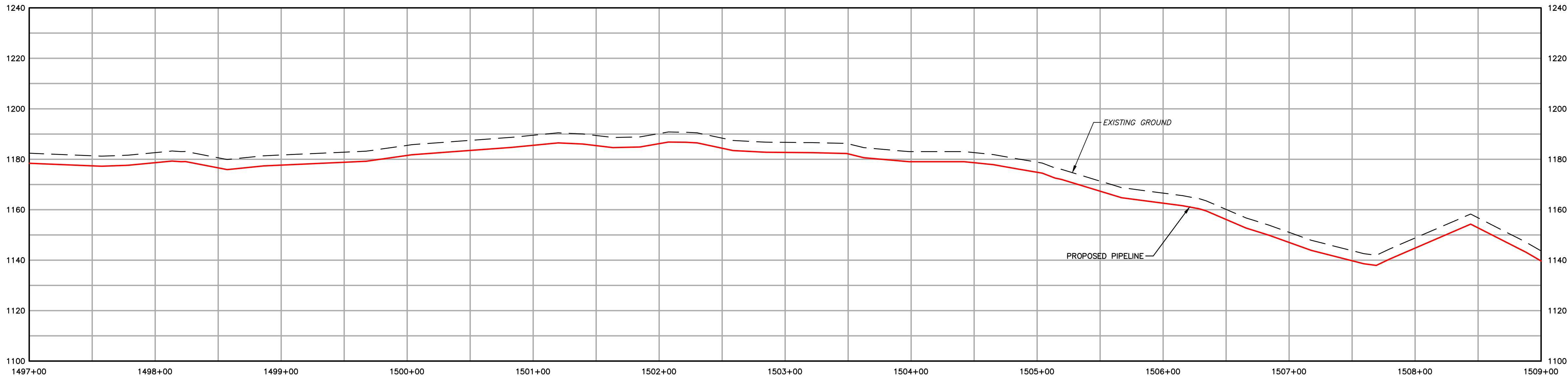
SITE RESTORATION PLAN
SR126 - (STA. 1485+00.00 TO STA. 1497+00.00)
BEAVER COUNTY INDEPENDENCE TOWNSHIP PENNSYLVANIA

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD120000	REVISION 2
DRAWN	ARC	09/14/17		

Filename: Y:\PROJECTS\1747\SHELL\6049885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR_PLAN126.DWG
Last saved by: LINCOLN.SCHAEFER (7/30/2018 4:07 PM) Last Plotted: 2018-07-30 (7/30/2018 5:14 PM)



LAND USE	FIELD	WOODS	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'	4'



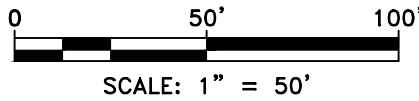
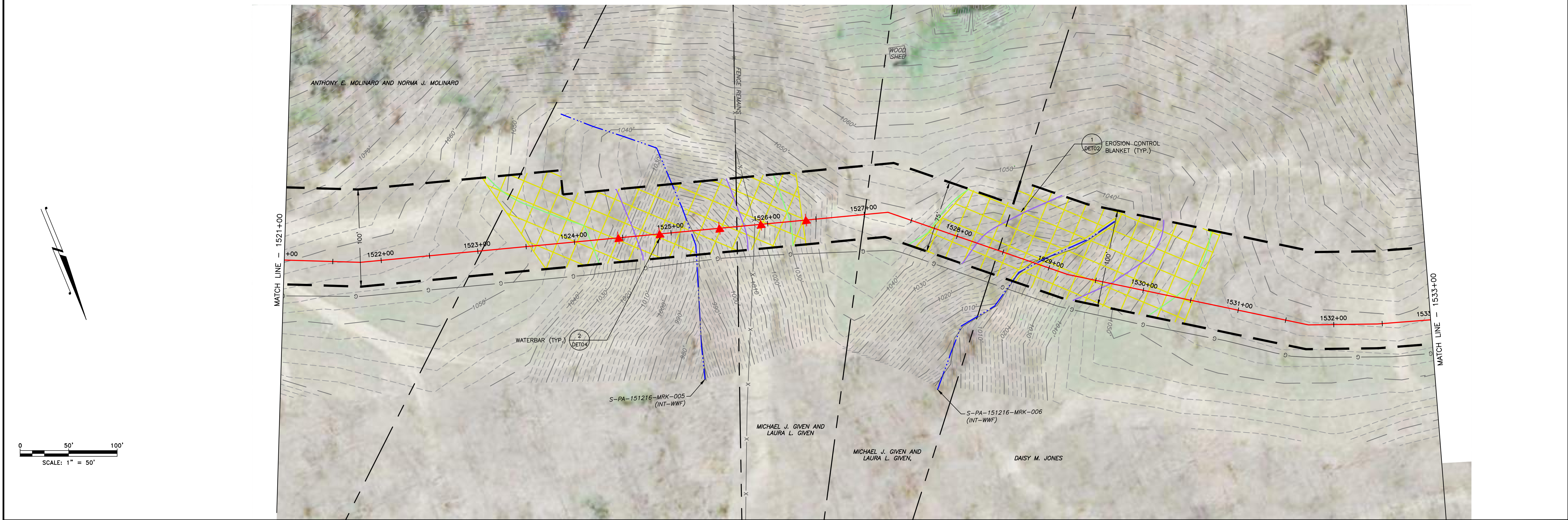
GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
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1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

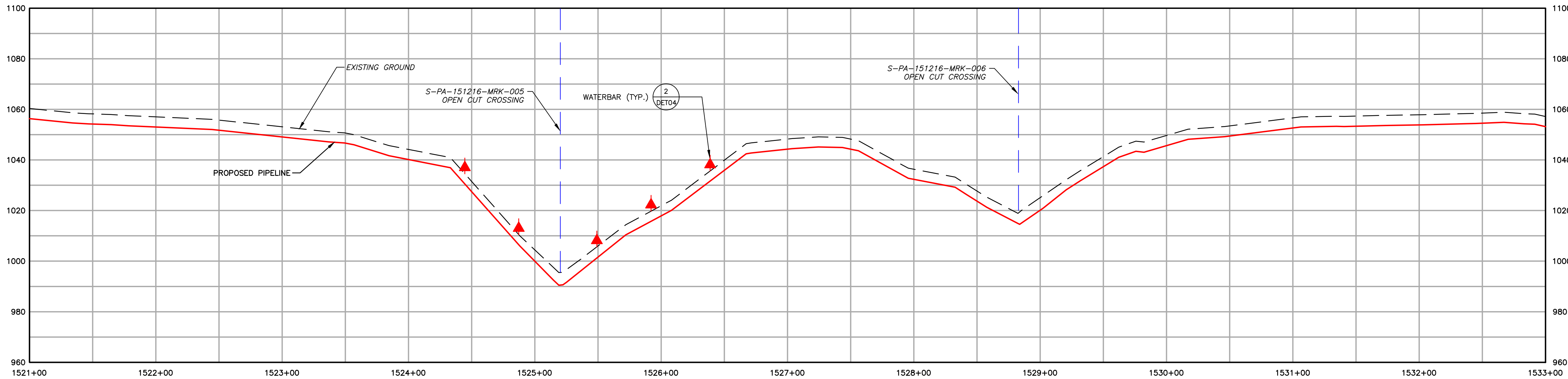


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR127 - (STA. 1497+00.00 TO STA. 1509+00.00)	
THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER MAKE ANY WARRANTY AS TO THE CORRECTNESS OR 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.		BEAVER COUNTY INDEPENDENCE TOWNSHIP PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120001	REVISION 2

Filename: X:\PROJECTS\1747\SR127\SR127-ETHANE-PIPELINE-RESTORATION-PLAN\SR127-ETHANE-PIPELINE-RESTORATION-PLAN.DWG
Last saved by: LINCOLN SCHAEFER (7/20/2018 4:07 PM) Last Plotted: 2018-07-20 10:45:53 PM

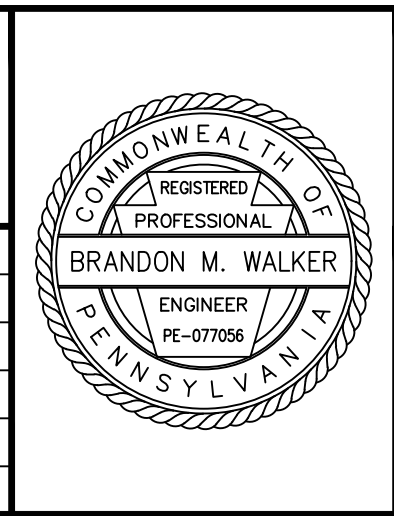


LAND USE	FIELD	WOODS	STREAM	WOODS	FIELD	WOODS	STREAM	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'	5'	4'	4'	4'	5'	4'



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

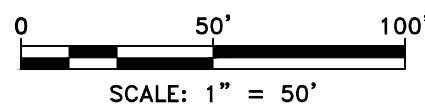
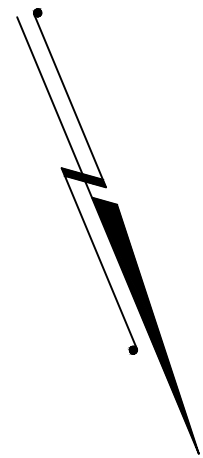
GENERAL NOTES:				
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1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR129 - (STA. 1521+00.00 TO STA. 1533+00.00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC		
		SPLC-GOM-AE-SD120003	REVISION 2

Filename: \\projects\1747\shell\6049885 - FALCON ETHANE PIPELINE SYSTEM\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR-PLAN129.DWG
Last saved by: LINCOLN\SCHEFFER (7/30/2018 4:07 PM) Last Plotted: 2018-07-30 (7/30/2018 4:59 PM)

Filename: \\projects\1747\shell\4048885 - falcon_900-work\911-environmental\20-sheets\pennsylvania\sr-plans\sr_plant30a.dwg
Last saved by: LINCOLN\SHAFER (7/31/2018 9:34 AM) Last Printed: 2018-07-31 (7/31/2018 10:55 AM)



- | | | | |
|-----------|--|-----------|----------------------------------|
| —1550— | EXISTING CONTOURS (INDEX) | — | PROPOSED PIPELINE |
| - - - - - | EXISTING CONTOURS (INTERMEDIATE) | - - - - - | PROPOSED LIMIT OF DISTURBANCE |
| - - - - - | EXISTING PROPERTY LINE | - - - - - | ACCESS ROAD CENTERLINE |
| — | EXISTING STREAM | ▲ | PROPOSED WATERBARS |
| ▨ | EXISTING WETLAND | ▨ | PROPOSED EROSION CONTROL BLANKET |
| MrB2 | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | |
| MFL | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| ~~~~~ | TREE/BRUSH LINE | | |

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



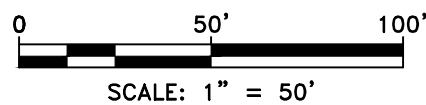
FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN
SR130A - (HOU-TAR-45)
BEAVER COUNTY INDEPENDENCE/RACCOON TWP. PENNSYLVANIA

SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD120146	REVISION	2
DRAWN	ARC					

Filename: \\projects\1747\shell\4048885 - FALCON 900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR PLAN13A.DWG
Last saved by: LINCOLN\SCHEFFER (7/31/2018 9:54 AM)
Last Printed: 2018-07-31 (7/31/2018 10:22 AM)



- | | | | |
|--|--|--|----------------------------------|
| | EXISTING CONTOURS (INDEX) | | PROPOSED PIPELINE |
| | EXISTING CONTOURS (INTERMEDIATE) | | PROPOSED LIMIT OF DISTURBANCE |
| | EXISTING PROPERTY LINE | | ACCESS ROAD CENTERLINE |
| | EXISTING STREAM | | PROPOSED WATERBARS |
| | EXISTING WETLAND | | PROPOSED EROSION CONTROL BLANKET |
| | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | |
| | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| | TREE/BRUSH LINE | | |

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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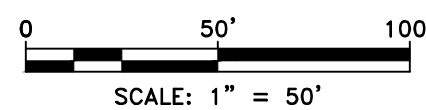
EROSION AND SEDIMENT CONTROL PLAN
ES133A - (HOU-TAR-46)
BEAVER COUNTY RACCOON TOWNSHIP PENNSYLVANIA

SCALE	1"=50'	DATE	09/14/2017	SPLC-GOM-AE-SD119784	REVISION
DRAWN	TLM				2

Filename: \\PROJECTS\1747\SHIELD\60488888 - FALCON-SP-2018-WORK\31-ENVIRONMENTAL\30-SHEETS\PENNSYLVANIA\SP-PLANS\SP_PLAN_136A.DWG
Last saved by: LINCOLN SCHAEFER (7/25/2018 4:00 PM) Last Plotted: 2018-07-31 (7/25/2018 9:55 AM)



MATCH LINE - SEE ES136B



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBARS
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

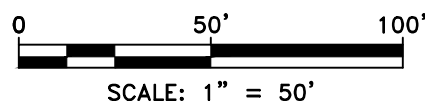
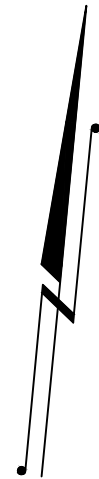


FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN SR136A - (HOU-TAR-49)		PENNSYLVANIA	
BEAVER COUNTY RACCOON TOWNSHIP			
SCALE 1"=50'	DATE 09/14/17	SPLC-GOM-AE-SD120148	REVISION 2

Filename: \\PROJECTS\1747-SHELL-60488888 - FALCON-300-WORP\31-ENVIRONMENTAL\31-SHEETS\PENNSYLVANIA\SR-PLANS\SR_PLANS\SR136B.DWG
Last saved by: ALEXANDER.CURTICE (7/31/2018 8:29 AM)
Last Plotted: 2018-07-31 (7/31/2018 10:01 AM)



- | | | | |
|-----------|--|-----------|----------------------------------|
| — 1550 — | EXISTING CONTOURS (INDEX) | — — — — — | PROPOSED PIPELINE |
| — — — — — | EXISTING CONTOURS (INTERMEDIATE) | — — — — — | PROPOSED LIMIT OF DISTURBANCE |
| — — — — — | EXISTING PROPERTY LINE | — — — — — | ACCESS ROAD CENTERLINE |
| — — — — — | EXISTING STREAM | ▲ | PROPOSED WATERBARS |
| — — — — — | EXISTING WETLAND | ■ | PROPOSED EROSION CONTROL BLANKET |
| MrB2 | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | |
| MEL | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| — — — — — | TREE/BRUSH LINE | | |

GENERAL NOTES:

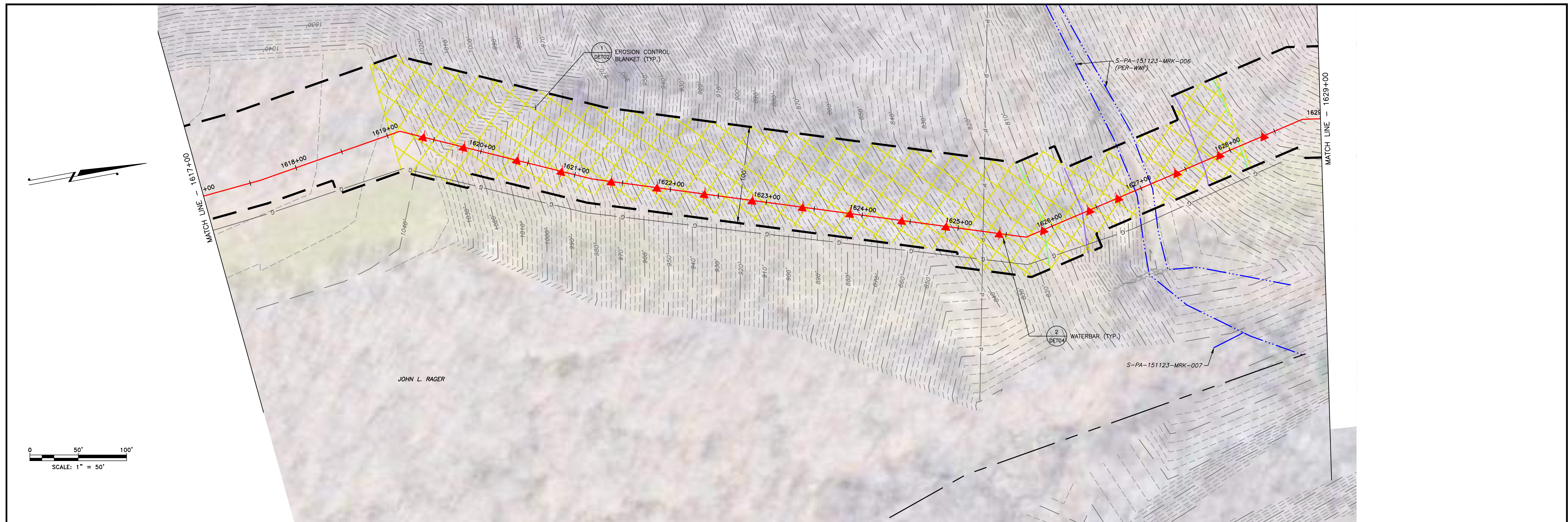
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



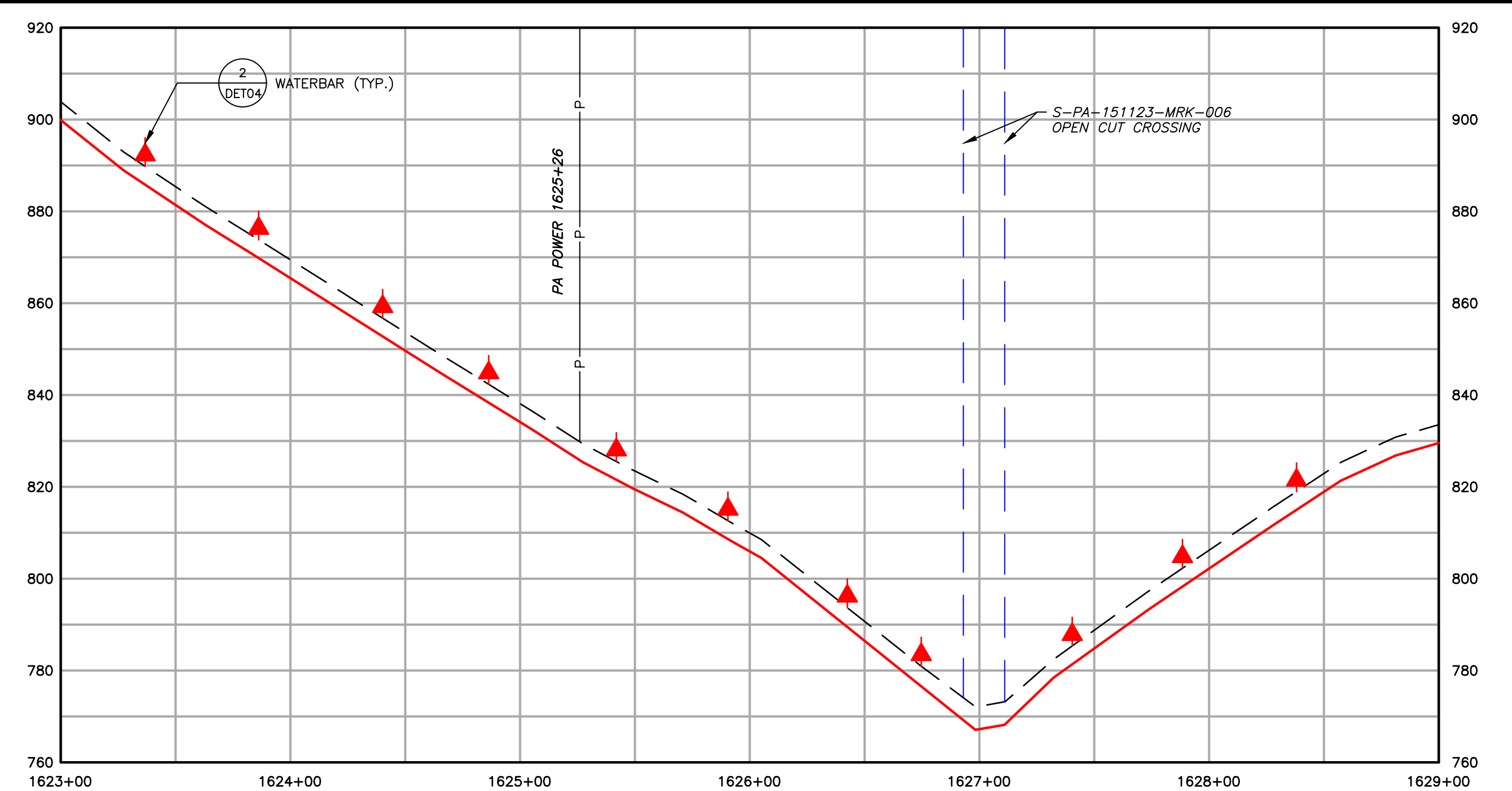
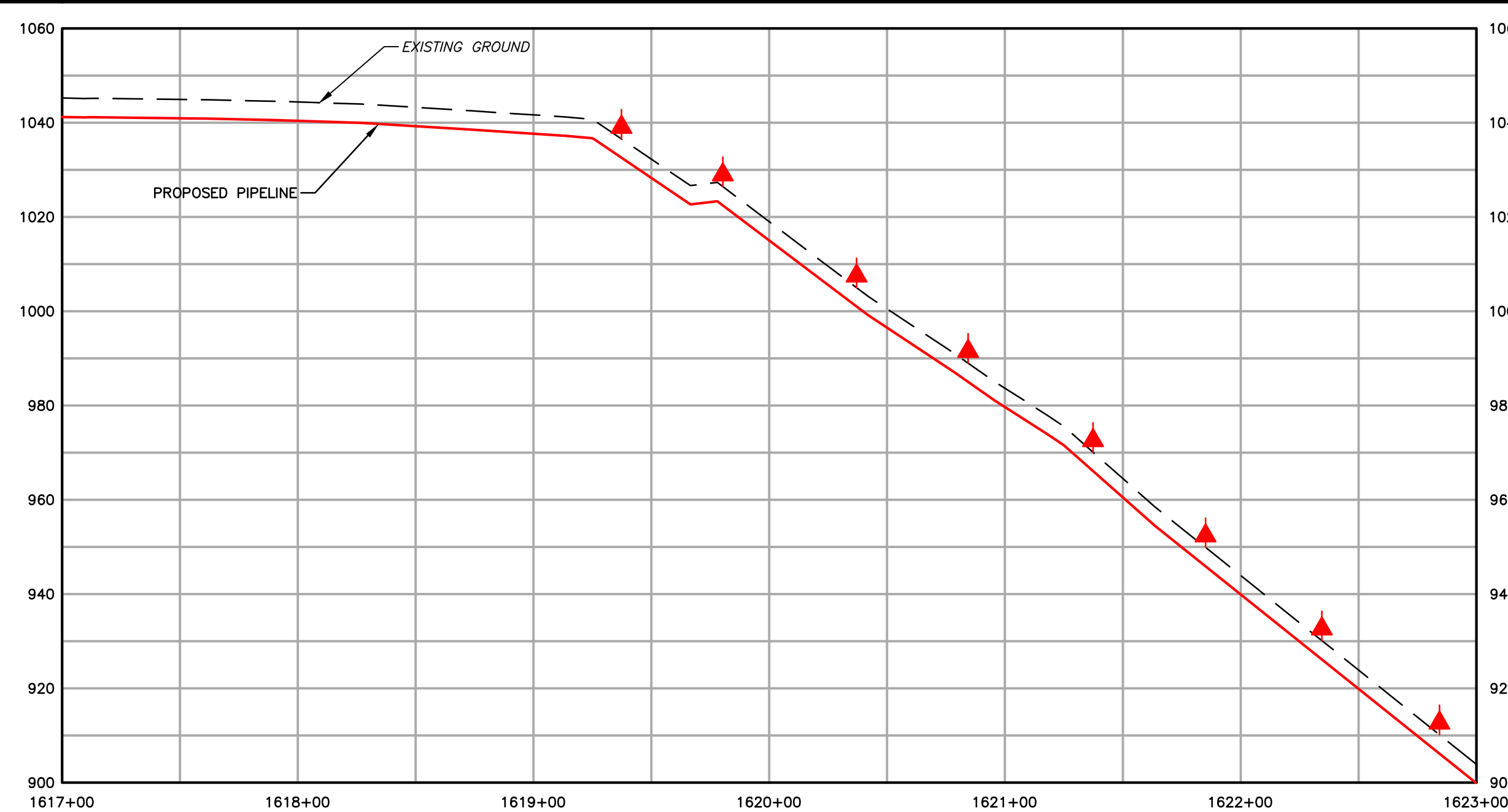
FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN SR136B - (HOU-TAR-49)		BEAVER COUNTY RACCOON TOWNSHIP		PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD120149	REVISION 2
DRAWN	ARC				



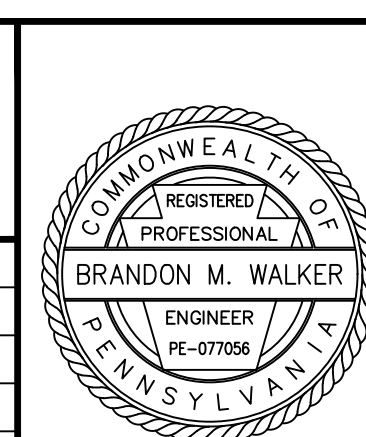
LAND USE	WOODS		WOODS	FIELD	WOODS	STREAM	●	●	STREAM	WOODS	
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'		4'	4'	4'	5'		5'		4'	



Legend:

- 1550 EXISTING CONTOURS (INDEX)
- EXISTING CONTOURS (INTERMEDIATE)
- EXISTING PROPERTY LINE
- EXISTING STREAM
- EXISTING WETLAND
- SOIL TYPE BOUNDARY AND SOIL BOUNDARY (MrB2)
- LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY (MEL)
- TREE/BRUSH LINE
- PROPOSED PIPELINE
- PROPOSED LIMIT OF DISTURBANCE
- ACCESS ROAD CENTERLINE
- PROPOSED WATERBAR
- PROPOSED EROSION CONTROL BLANKET
- WATERSHED BOUNDARY

GENERAL NOTES:

[illegible]

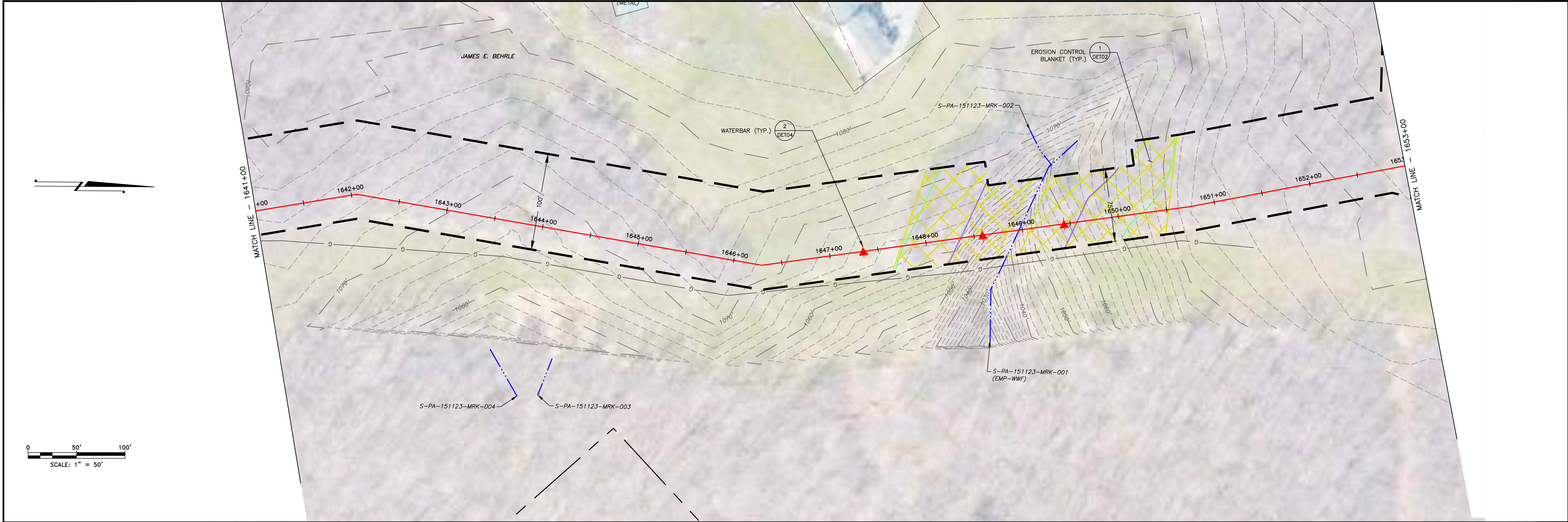
FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

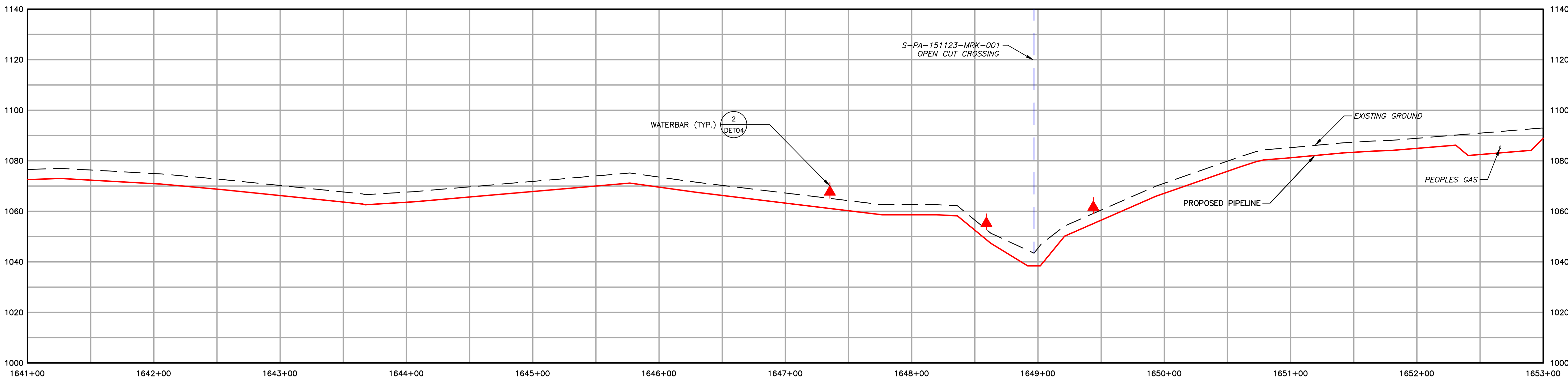
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SITE RESTORATION PLAN	
SR137 - (STA. 1617+00.00 TO STA. 1629+00.00)	
BEAVER COUNTY	PENNSYLVANIA
RACCOON TOWNSHIP	

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD120011	REVISION
DRAWN	ARC	09/14/17		2

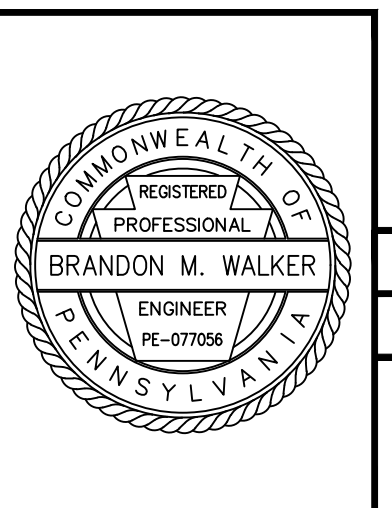


LAND USE	WOODS	STREAM	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:				
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP

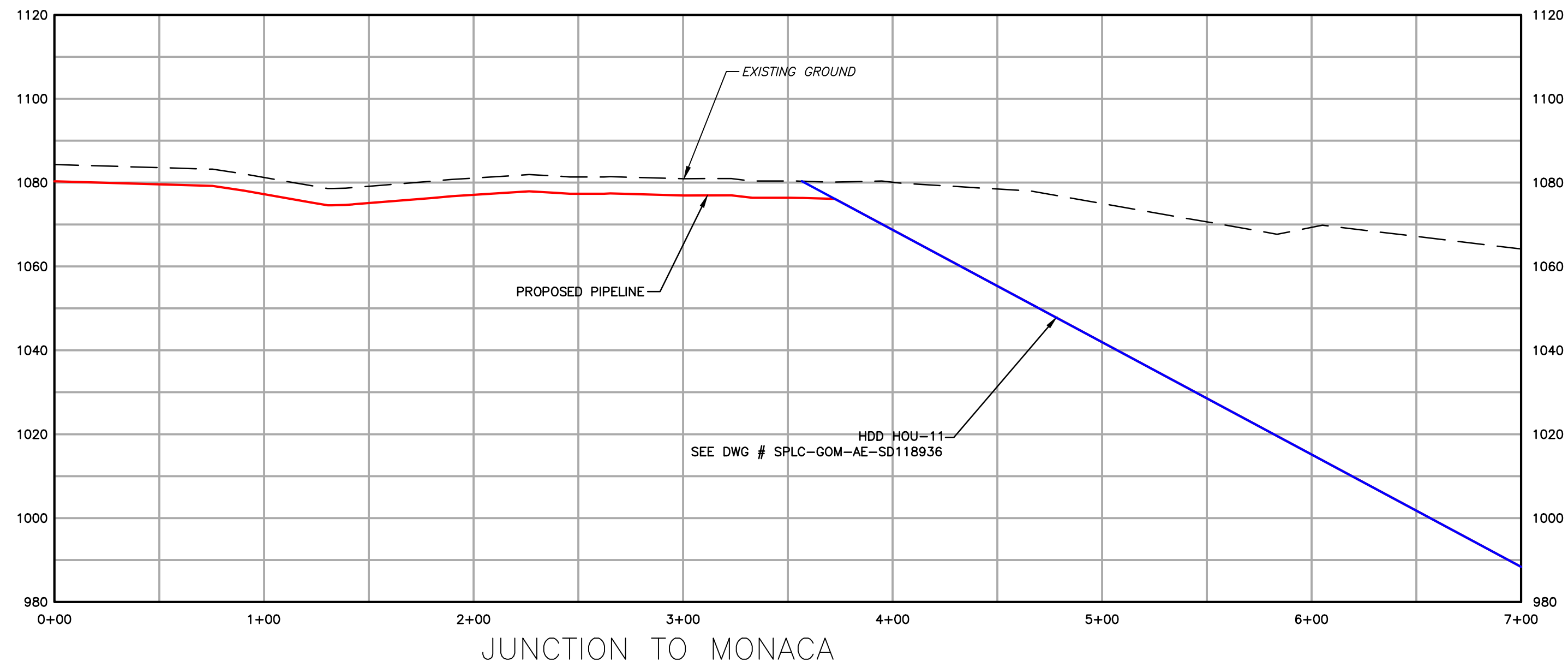
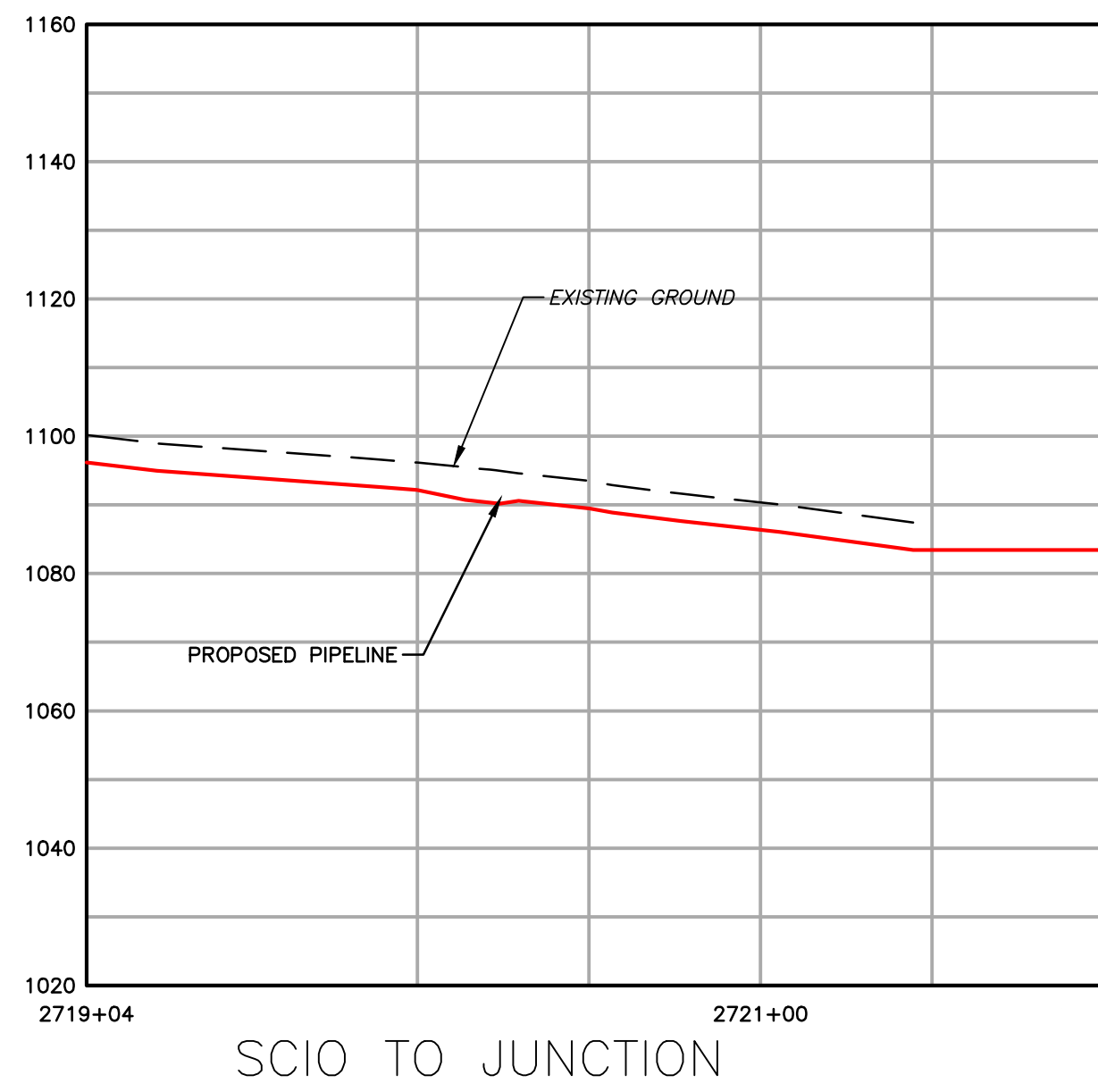
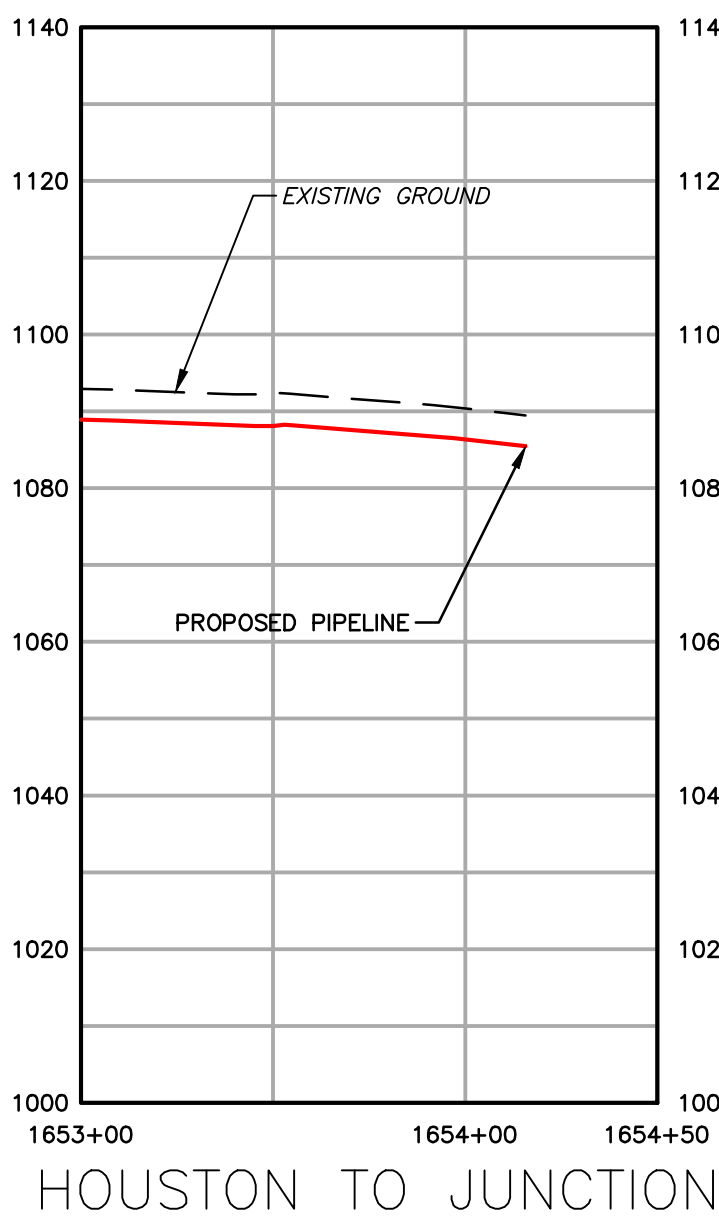


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR139 - (STA. 1641+00.00 TO STA. 1653+00.00)	
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		RACCOON TOWNSHIP	
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC		
SPLC-GOM-AE-SD120013			REVISION 2

Filename: \\PROJECTS\1747\SHILL\60498865 - FALCON 900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR139.DWG
Last saved by: LINCOLN\SHARPEE (7/30/2018 4:08 PM) Last Plotted: 2018-07-30 (7/30/2018 5:11 PM)



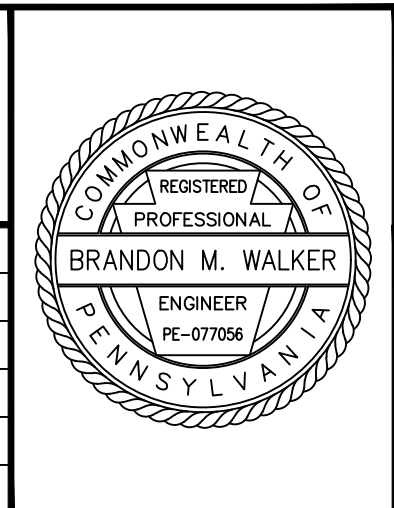
LAND USE	FIELD	WOODS	WOODS	FIELD	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'	4'	4'	4'



\\projects\1747\SHL\6048885 - FALCON SPD-WORK\31-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SP-PLANS\SP_PLAN140.DWG
Last saved by LINCOLN SCHAEFER (7/20/2018 4:08 PM) Last Plotted: 2018-07-31 (7/21/2018 11:37 AM)

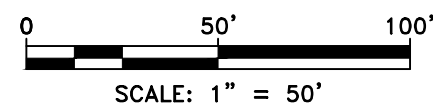
1550	EXISTING CONTOURS (INDEX)	PROPOSED PIPELINE
---	EXISTING CONTOURS (INTERMEDIATE)	PROPOSED LIMIT OF DISTURBANCE
---	EXISTING PROPERTY LINE	ACCESS ROAD CENTERLINE
---	EXISTING STREAM	PROPOSED WATERBAR
---	EXISTING WETLAND	PROPOSED EROSION CONTROL BLANKET
---	SOIL TYPE BOUNDARY AND SOIL BOUNDARY	WATERSHED BOUNDARY
---	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY	
---	TREE/BRUSH LINE	

GENERAL NOTES:					
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW	
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR	
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR	
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN			
HOUSTON TO JUNCTION		SR140 - (STA. 1653+00.00 TO STA. 1657+14.36)			
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SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD120014	REVISION 2
DRAWN	ARC				

Filename: \\PROJECTS\1747\SHIELD\60488888 - FALCON-SP-11-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SP-PLANS\SP-PLAN-143A.DWG
Last saved by: LINCOLN SCHAEFER (7/31/2018 10:05 AM)
Last Plotted: 2018-07-31 (7/31/2018 11:40 AM)



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:

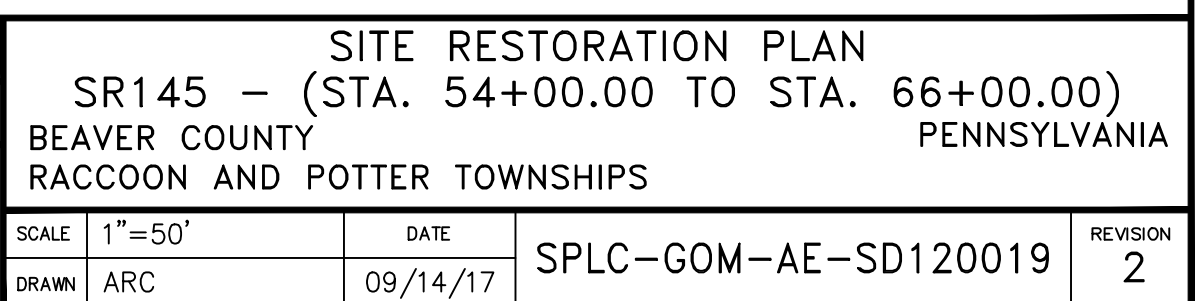
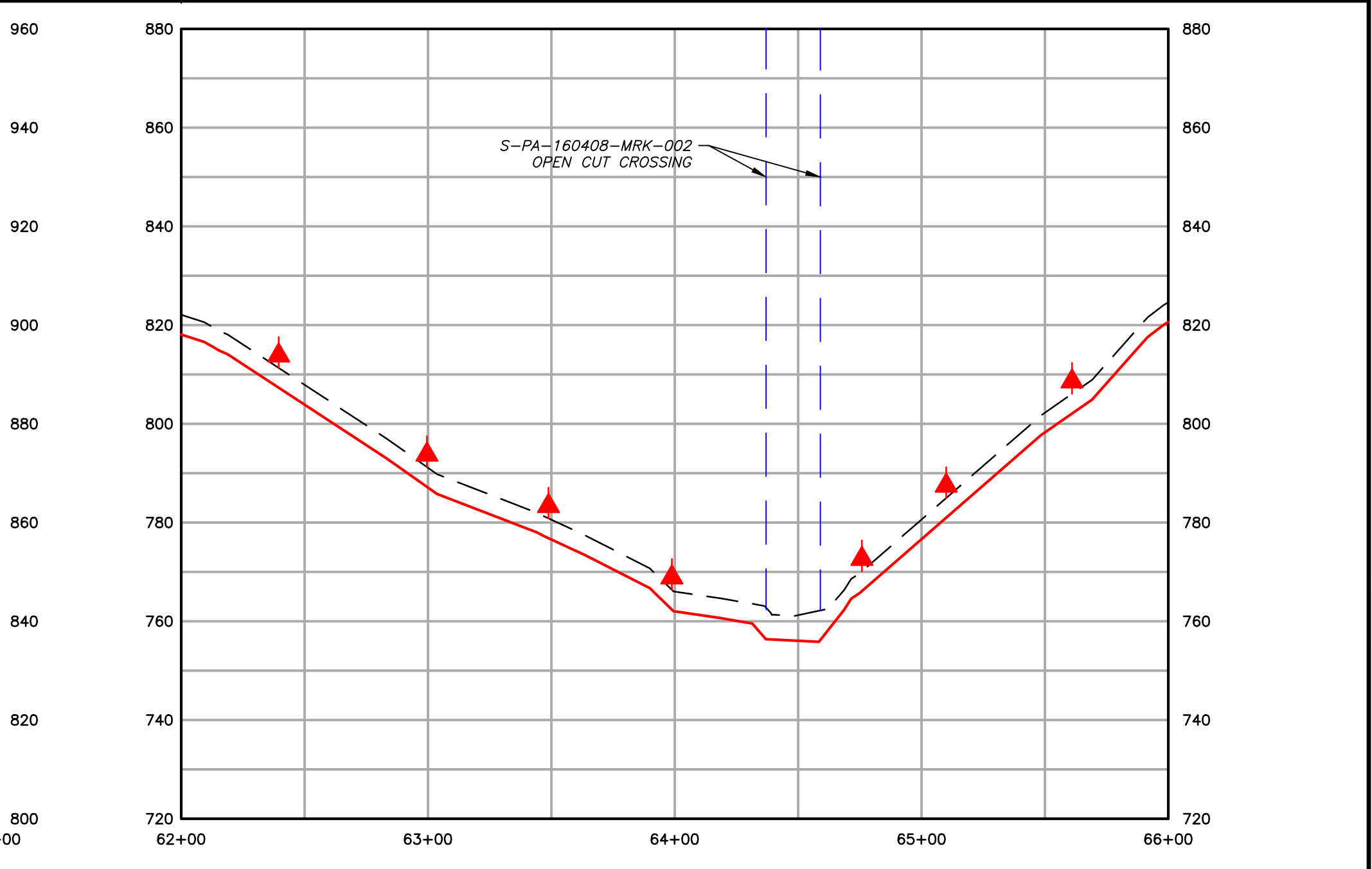
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

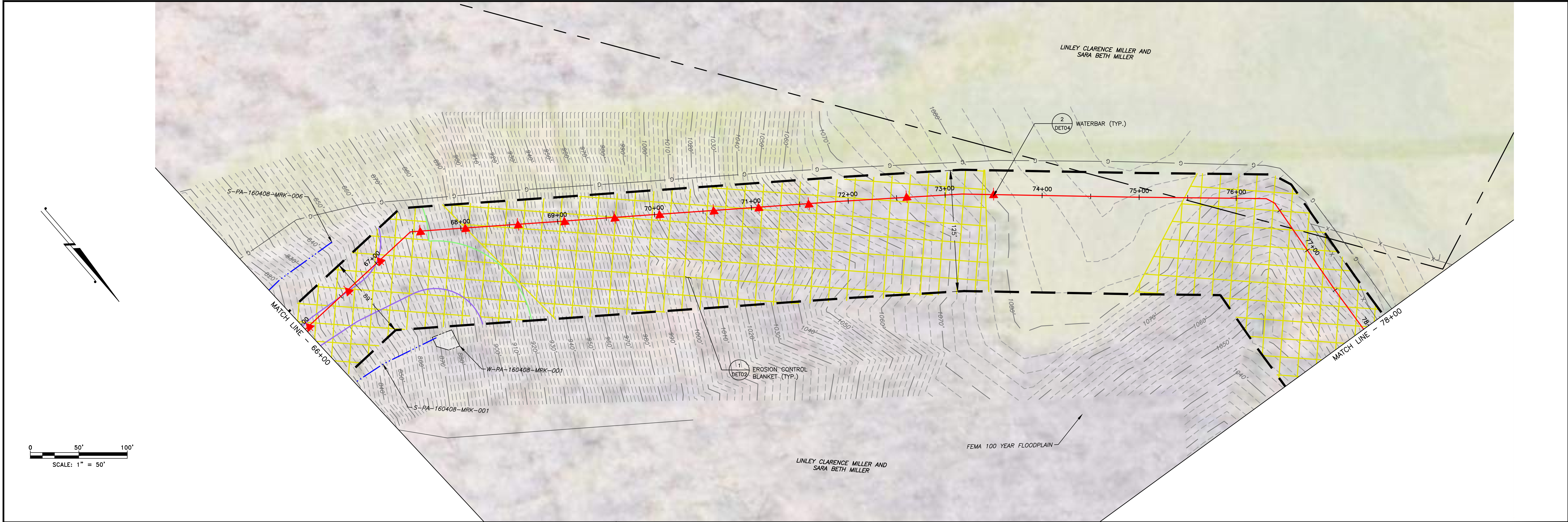


FALCON ETHANE PIPELINE SYSTEM
JUNCTION TO MONACA

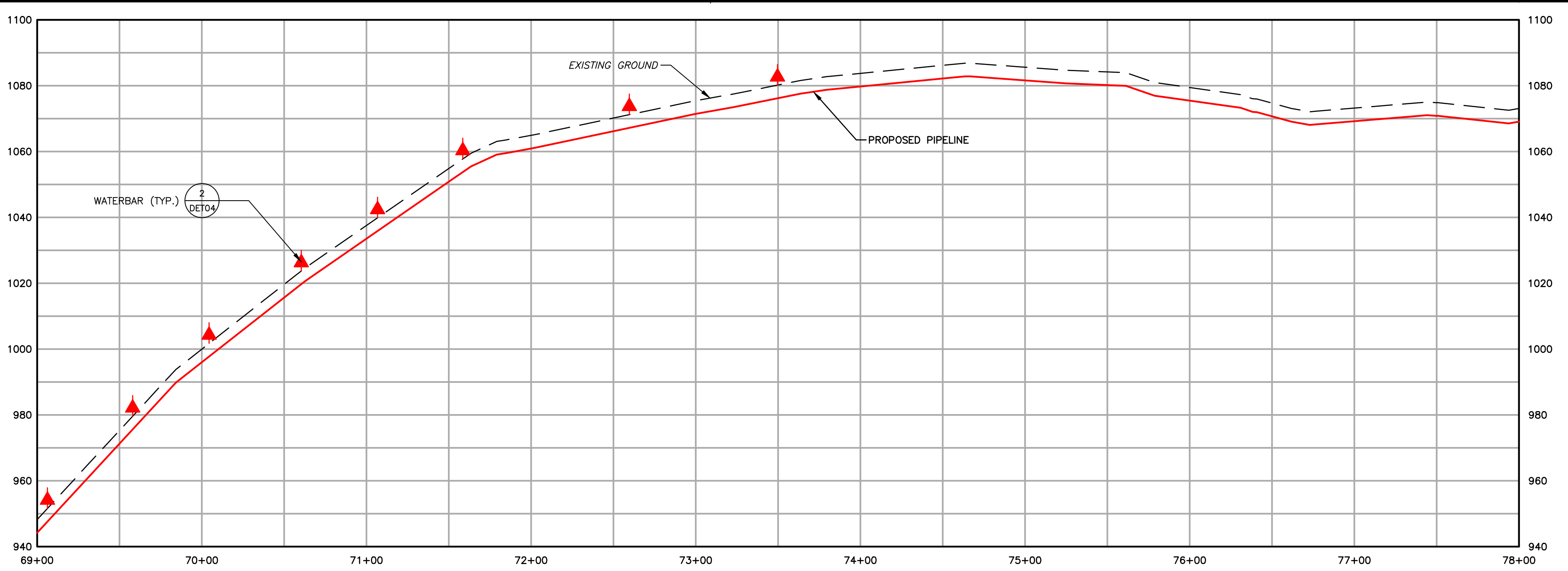
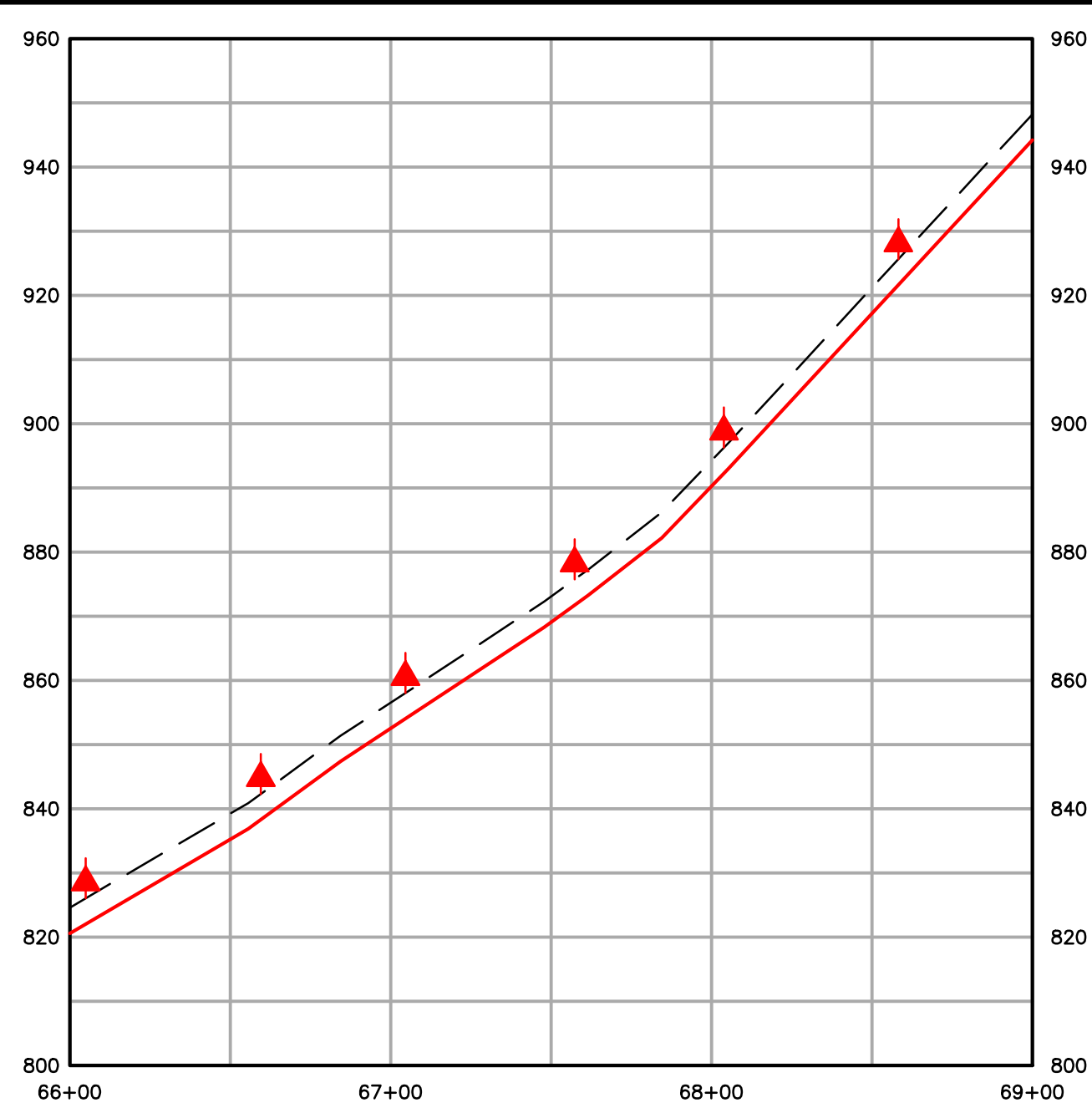
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BEAVER COUNTY RACCOON TOWNSHIP		SITE RESTORATION PLAN SR143A - (HOU-TAR-52) PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120150	REVISION 2



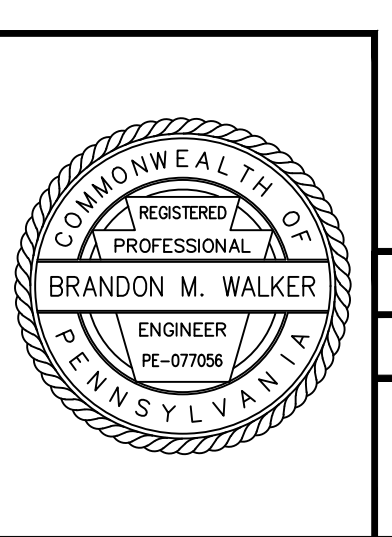


LAND USE	WOODS	WOODS	FIELD	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'	4'	4'



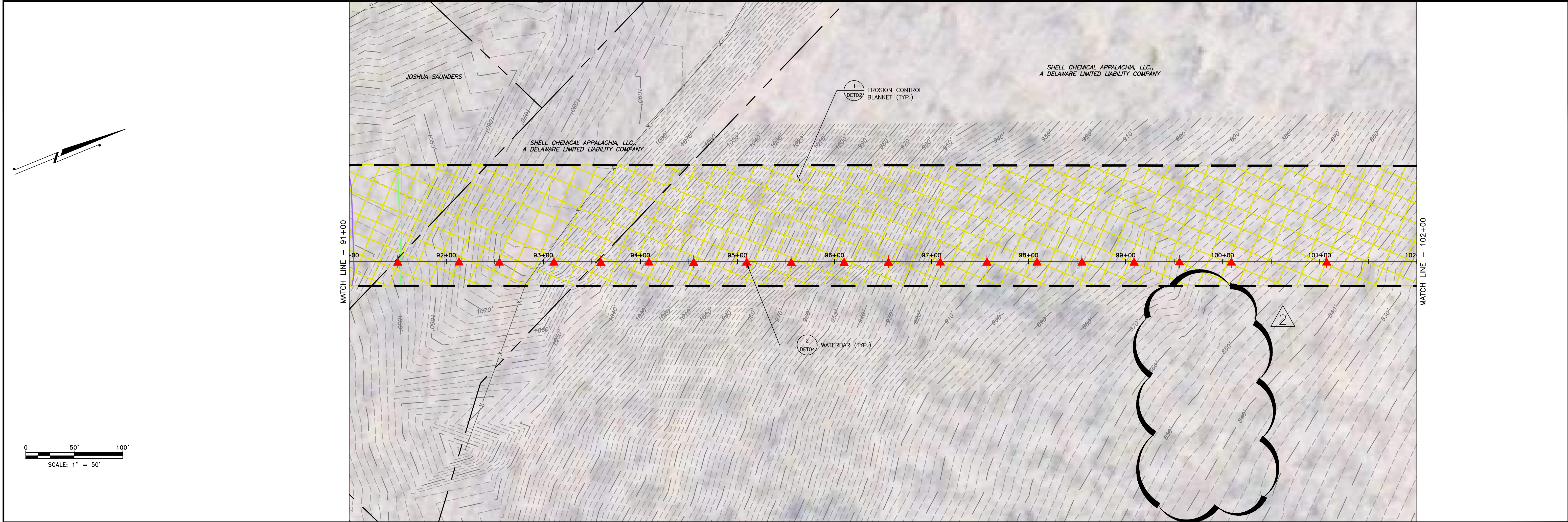
1,550'	EXISTING CONTOURS (INDEX)	PROPOSED PIPELINE
---	EXISTING CONTOURS (INTERMEDIATE)	PROPOSED LIMIT OF DISTURBANCE
---	EXISTING PROPERTY LINE	ACCESS ROAD CENTERLINE
---	EXISTING STREAM	PROPOSED WATERBAR
---	EXISTING WETLAND	PROPOSED EROSION CONTROL BLANKET
---	SOIL TYPE BOUNDARY AND SOIL BOUNDARY	WATERSHED BOUNDARY
---	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY	
---	TREE/BRUSH LINE	

GENERAL NOTES:					
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW	
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR	
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR	
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	

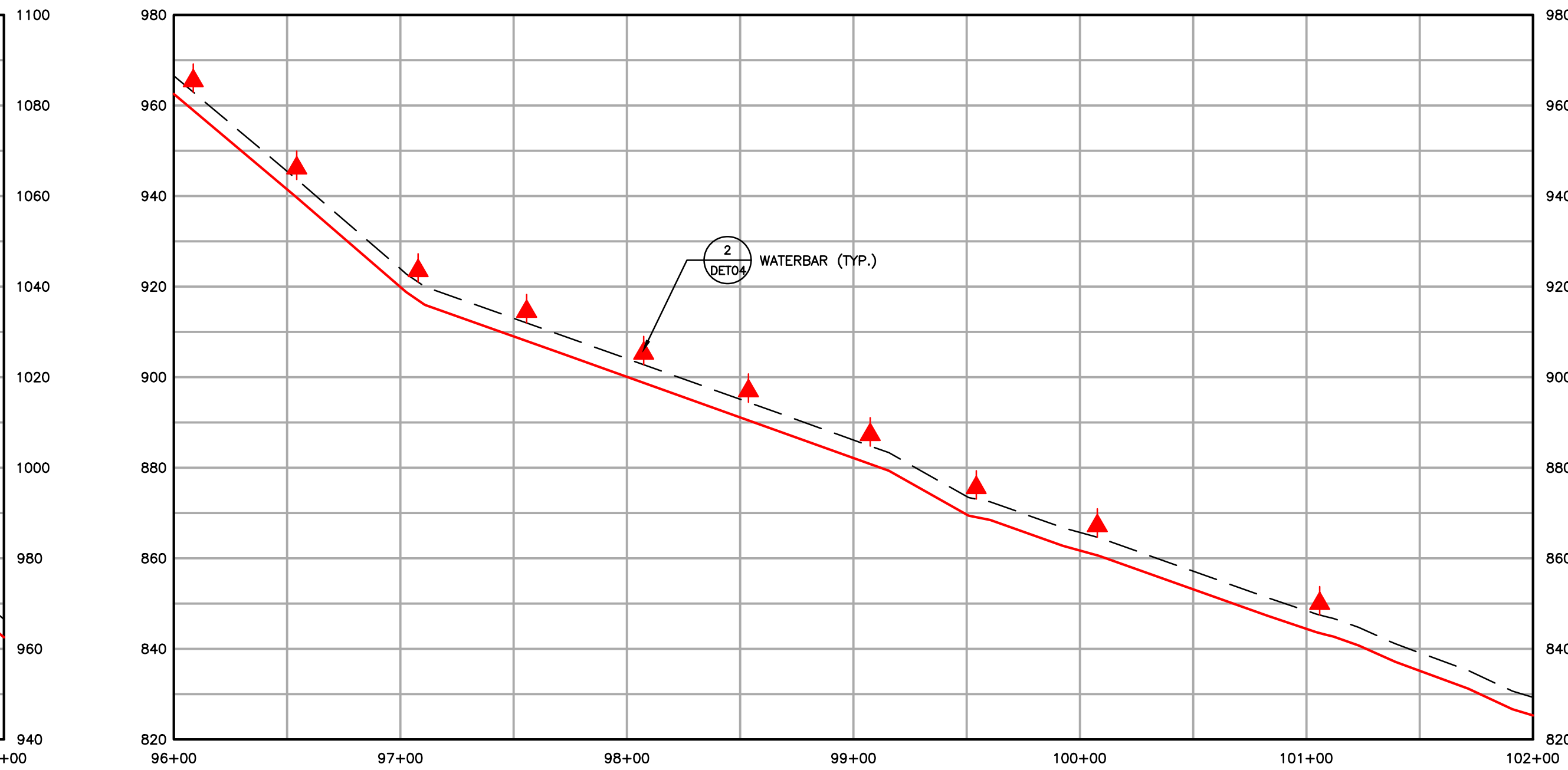
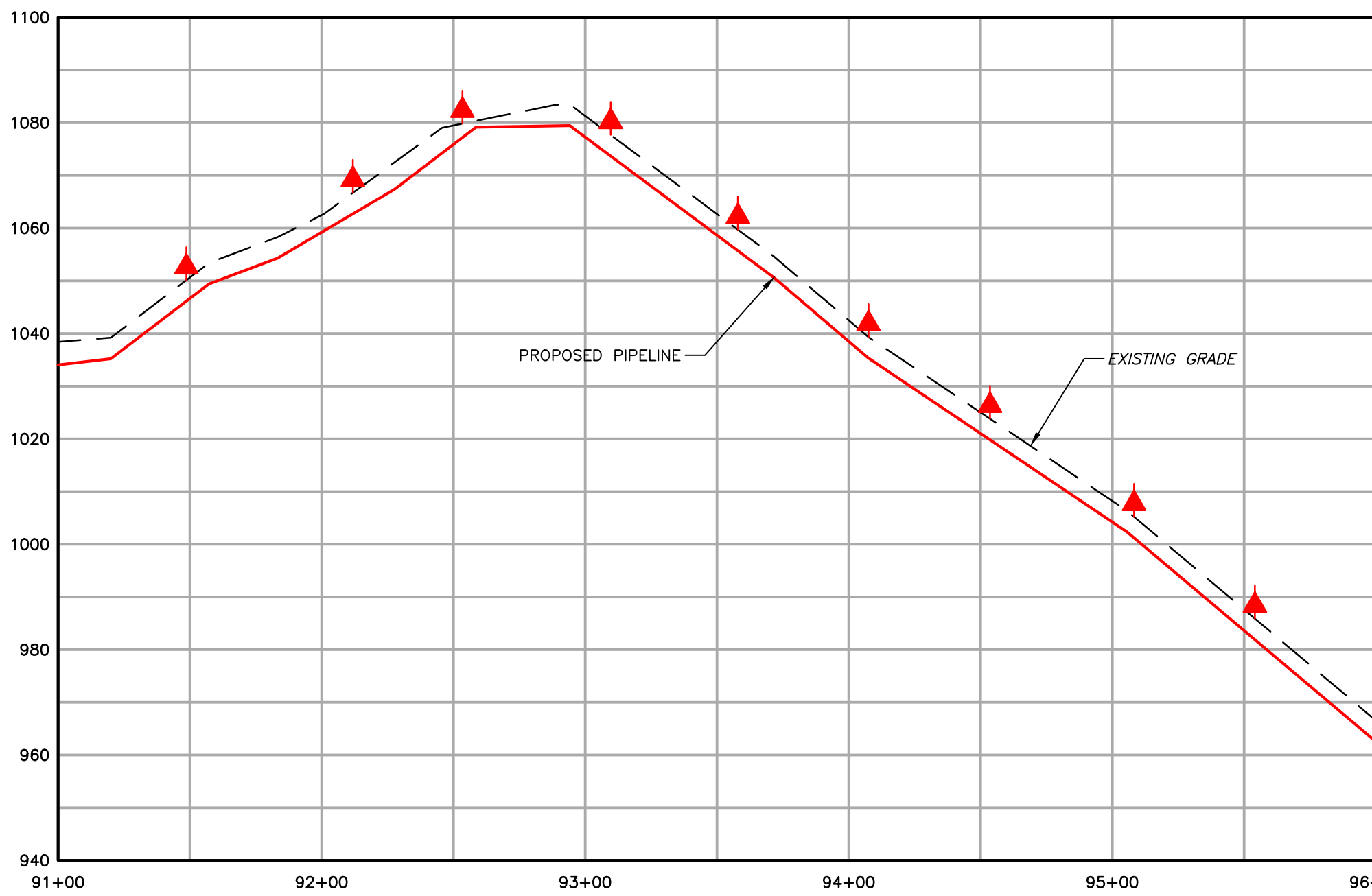


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
JUNCTION TO MONACA		SR146 - (STA. 66+00.00 TO STA. 78+00.00)	
THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER MAKE ANY WARRANTY AS TO THE CORRECTNESS OR COMPLETENESS 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.		BEAVER COUNTY RACCOON TOWNSHIP	
		PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC		
SPLC-GOM-AE-SD120020			REVISION 2

Filename: \\PROJECTS\1747\SHILL\6049885 - FALCON ETHANE PIPELINE SYSTEM\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR-PLAN146.DWG
Last saved by: LINCOLN\SHARPE (7/30/2018 4:09 PM) Last Printed: 2018-07-30 (7/30/2018 5:07 PM)

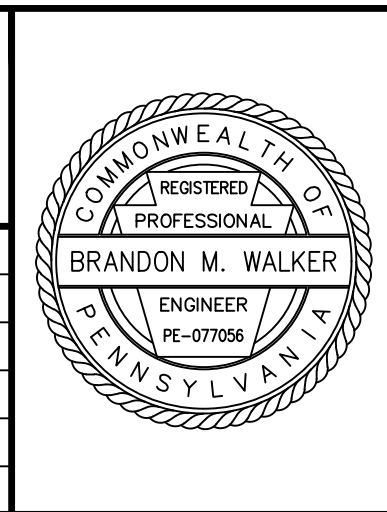


LAND USE	WOODS	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

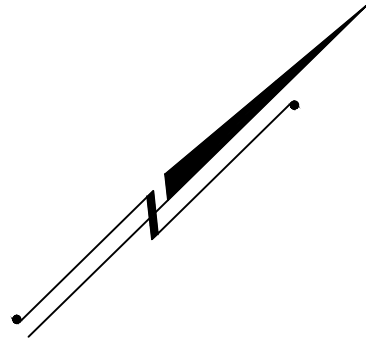
GENERAL NOTES:				
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
JUNCTION TO MONACA		SR148 - (STA. 91+00.00 TO STA. 102+00.00)	
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		SCALE: 1"=50'	DATE: 09/14/17
DRAWN: ARC		SPLC-GOM-AE-SD120022	
		REVISION: 2	

Filename: \\projects\1747\shell\4049885 - falcon\4049885 - ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR-PLAN148.DWG
Last saved by: LINCOLN\SHARPE (7/30/2018 4:09 PM) Last Plotted: 2018-07-30 (7/30/2018 5:09 PM)

Filename: \\PROJECTS\1747-SHELL\60488888 - FALCON-SP-1-SHEETS\PENNSYLVANIA\SP-PLANS\SP_PLAN151A.DWG
Last saved by: LINCOLN SCHAEFER (7/31/2018 11:55 AM)
Last plotted: 2018-07-31 (7/31/2018 11:55 AM)



0 50' 100'
SCALE: 1" = 50'

- | | | | |
|------|--|-----|----------------------------------|
| --- | EXISTING CONTOURS (INDEX) | --- | PROPOSED PIPELINE |
| --- | EXISTING CONTOURS (INTERMEDIATE) | --- | PROPOSED LIMIT OF DISTURBANCE |
| --- | EXISTING PROPERTY LINE | --- | ACCESS ROAD CENTERLINE |
| --- | EXISTING STREAM | ▲ | PROPOSED WATERBARS |
| --- | EXISTING WETLAND | ▨ | PROPOSED EROSION CONTROL BLANKET |
| MrB2 | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | |
| MEL | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| --- | TREE/BRUSH LINE | | |

GENERAL NOTES:

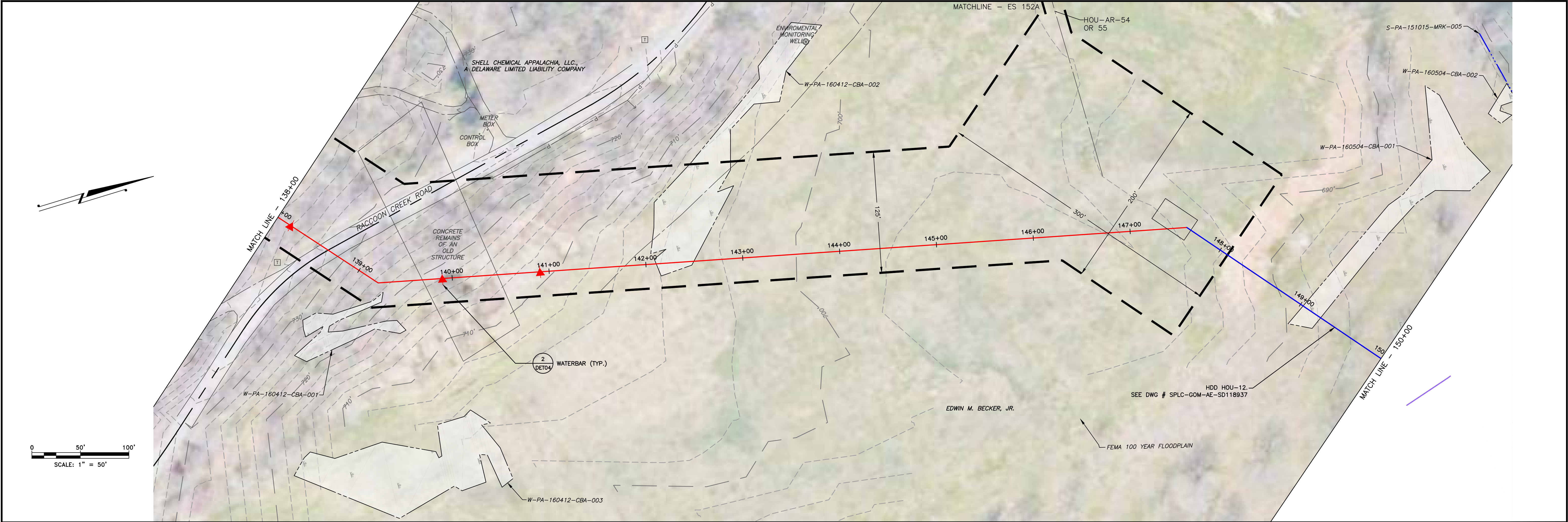
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



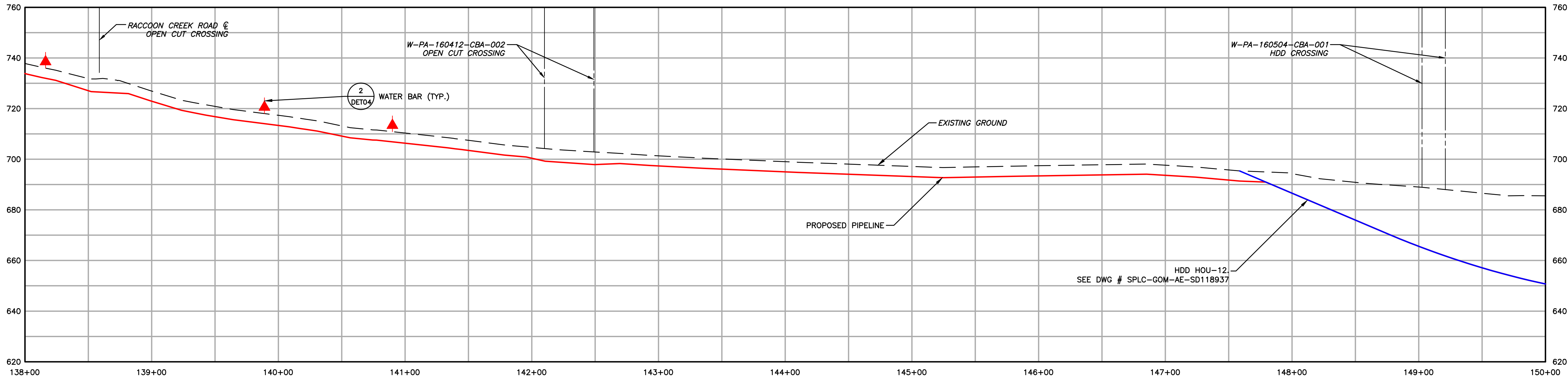
FALCON ETHANE PIPELINE SYSTEM
JUNCTION TO MONACA

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BEAVER COUNTY POTTER TOWNSHIP		SITE RESTORATION PLAN SR151A - (HOU-TAR-54)		PENNSYLVANIA
SCALE 1"=50'	DATE 09/14/17	SPLC-GOM-AE-SD120154	REVISION 2	



LAND USE	WOODS	ROAD	WOODS	FIELD	WETLAND	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'	4'	5'	4'



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

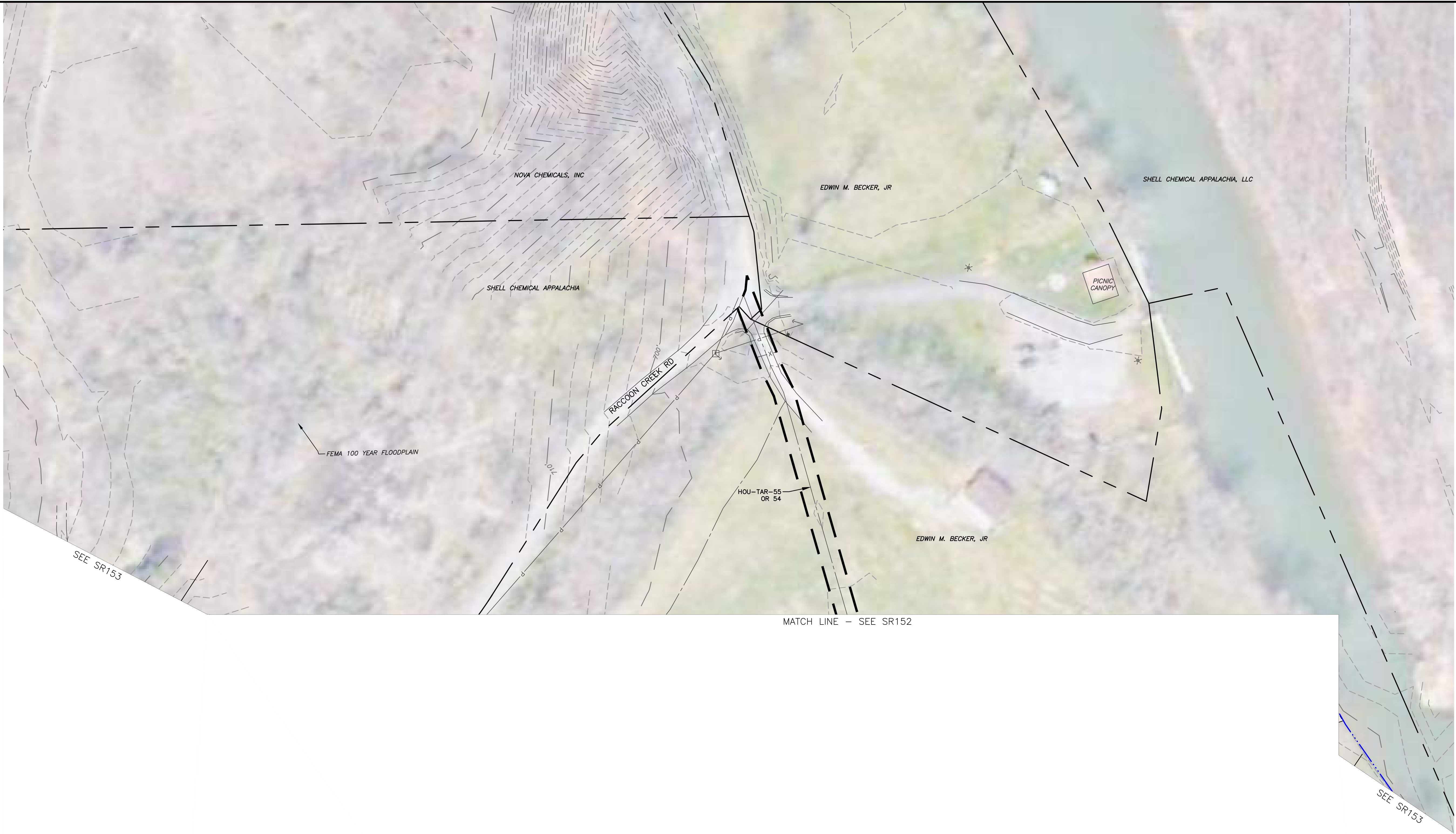
GENERAL NOTES:					
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW	
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR	
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR	
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	



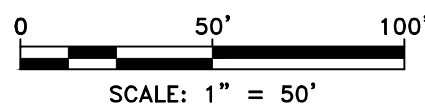
FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
JUNCTION TO MONACA		SR152 - (STA. 138+00.00 TO STA. 150+00.00)	
		BEAVER COUNTY	
		RACCOON TOWNSHIP	
		PENNSYLVANIA	
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DRAWN ARC		SPLC-GOM-AE-SD120026	
		REVISION 2	

Filename: \\PROJECTS\1747\SH-PA-160412-ENVIRONMENTAL\20-SHEETS\PA-160412-PLAN\152.DWG
Last saved by: LINCOLN\SHABEE (7/30/2018 4:10 PM) Last Plotted: 2018-07-30 (7/30/2018 5:13 PM)

F:\PROJECTS\17471-SHELL-60488888 - FALCON-SP-2018-07-31-ENVIRONMENTAL-SP-SHEETS\PENNSYLVANIA\SP-PLANS\SP_PLAN152A.DWG
Last saved by: LINCOLN SCHAEFER (7/31/2018 11:56 AM)
Last Plotted: 2018-07-31 (7/31/2018 11:56 AM)



MATCH LINE - SEE SR152



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBARS
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

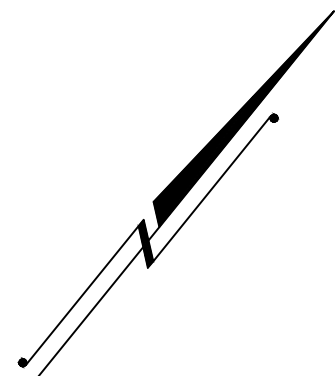
GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

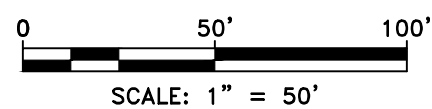


FALCON ETHANE PIPELINE SYSTEM				SITE RESTORATION PLAN	
JUNCTION TO MONACA				SR152A - (HOU-TAR-55)	
THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER MAKE ANY WARRANTY AS TO THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION CONTAINED ON THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY AS A RESULT OF RELIANCE THEREON.				BEAVER COUNTY POTTER TOWNSHIP	PENNSYLVANIA
SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD120155	REVISION 2
DRAWN	ARC				

Filename: \\PROJECTS\1747-SHELL\60488885 - FALCON-SP-2018-WORK\31-ENVIRONMENTAL\31-SHEETS\PENNSYLVANIA\SP-PLANS\SR_PLAN153A.DWG
Last saved by: LINCOLN SCHAEFER (7/17/2018 12:04 PM)
Last Plotted: 2018-07-31 (7/31/2018 12:04 PM)



MATCH LINE - SEE SR153



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBARS
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:

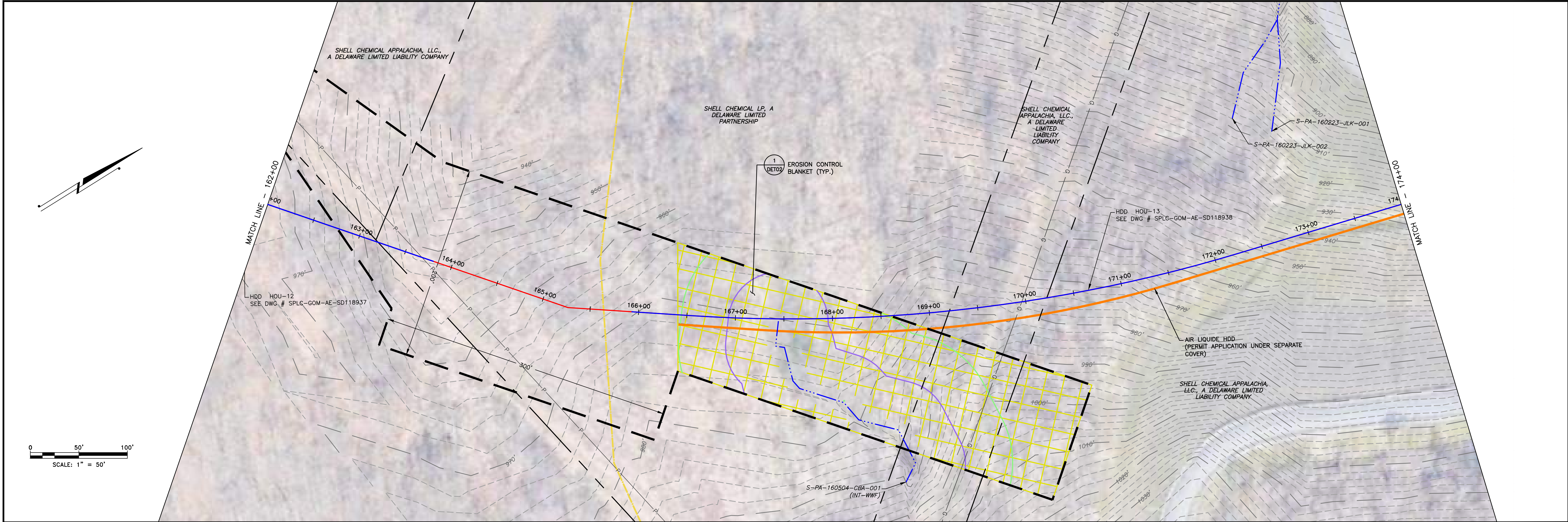
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



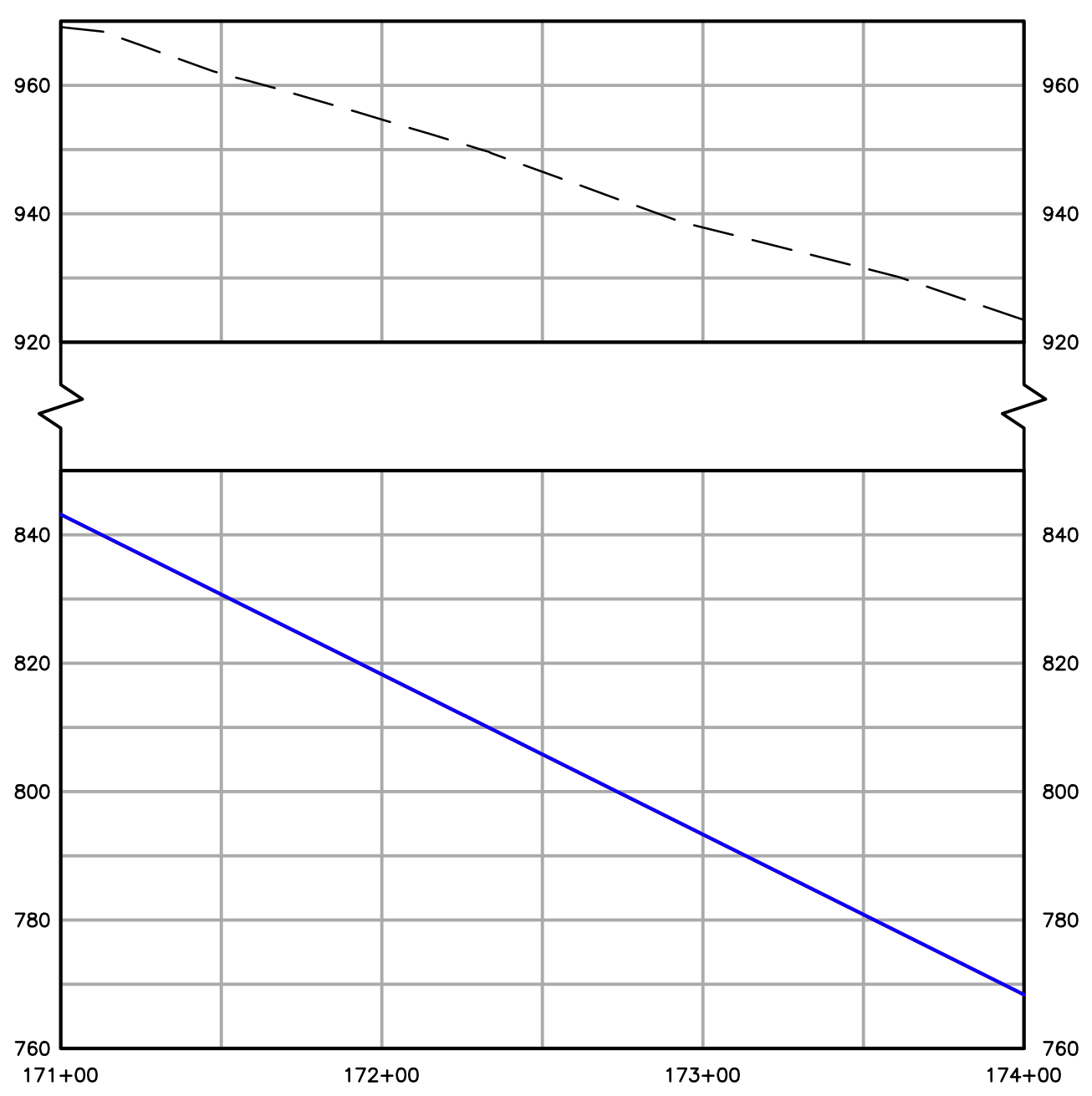
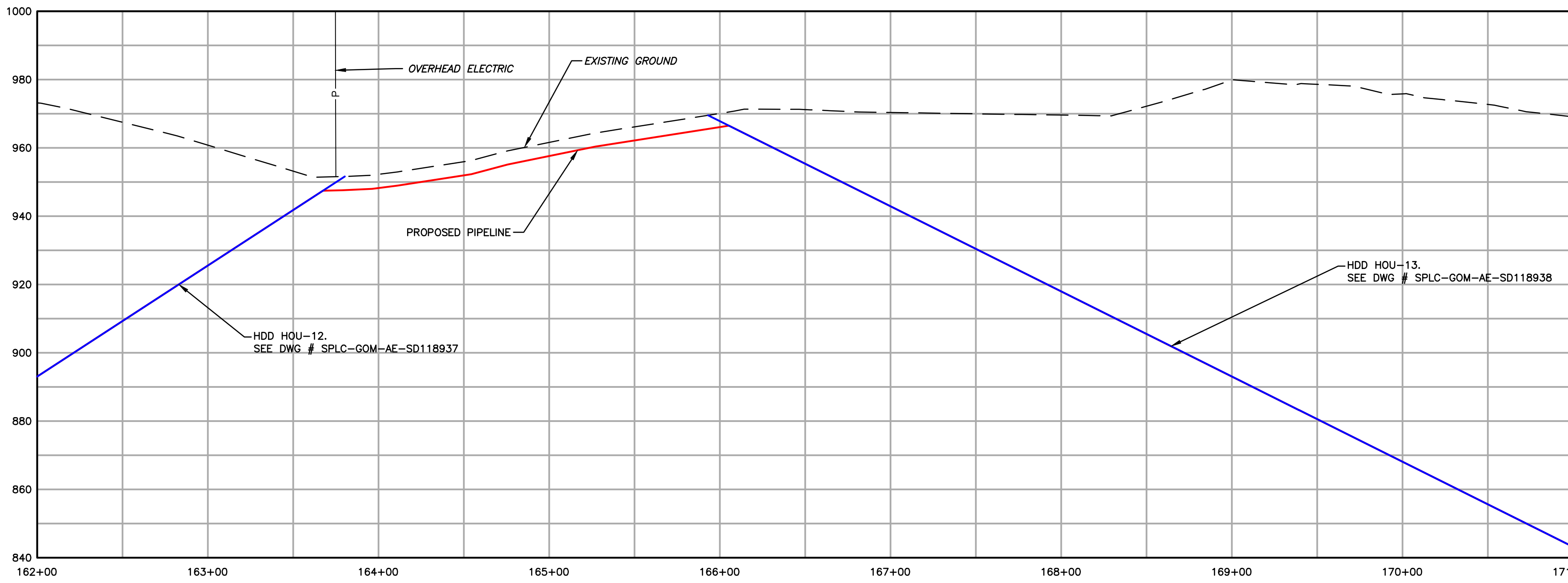
FALCON ETHANE PIPELINE SYSTEM
JUNCTION TO MONACA

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SITE RESTORATION PLAN		SR153A - (PULLBACK WORKSPACE)		PENNSYLVANIA	
BEAVER COUNTY		POTTER TOWNSHIP			
SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD120156	REVISION 2
DRAWN	ARC				

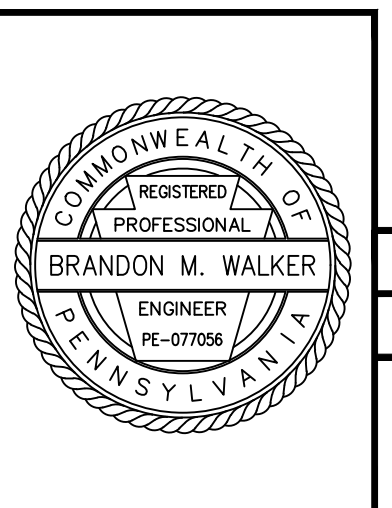


LAND USE	WOODS	FIELD	WOODS	FIELD	WOODS	WOODS	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'	4'	4'	4'	4'	4'



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:				
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
JUNCTION TO MONACA		SR154 - (STA. 162+00.00 TO STA. 174+00.00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120028	REVISION 2

Filename: \\PROJECTS\1747\SHELL\4048885 - FALCON 400-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR_PLANT154.DWG
Last saved by: LINCOLN\SHARPEE (7/30/2018 4:10 PM) Last Plotted: 2018-07-30 (7/30/2018 5:17 PM)

Filename: \\projects\1747\shell\4048885 - FALCON 900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR_PLANS156.DWG
Last saved by: LINCOLN\SHARPE (7/30/2018 4:10 PM) Last Plotted: 2018-07-30 (7/30/2018 5:19 PM)

- | | | | |
|--|--|--|----------------------------------|
| | EXISTING CONTOURS (INDEX) | | PROPOSED PIPELINE |
| | EXISTING CONTOURS (INTERMEDIATE) | | PROPOSED LIMIT OF DISTURBANCE |
| | EXISTING PROPERTY LINE | | ACCESS ROAD CENTERLINE |
| | EXISTING STREAM | | PROPOSED WATERBAR |
| | EXISTING WETLAND | | PROPOSED EROSION CONTROL BLANKET |
| | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | WATERSHED BOUNDARY |
| | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| | TREE/BRUSH LINE | | |

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

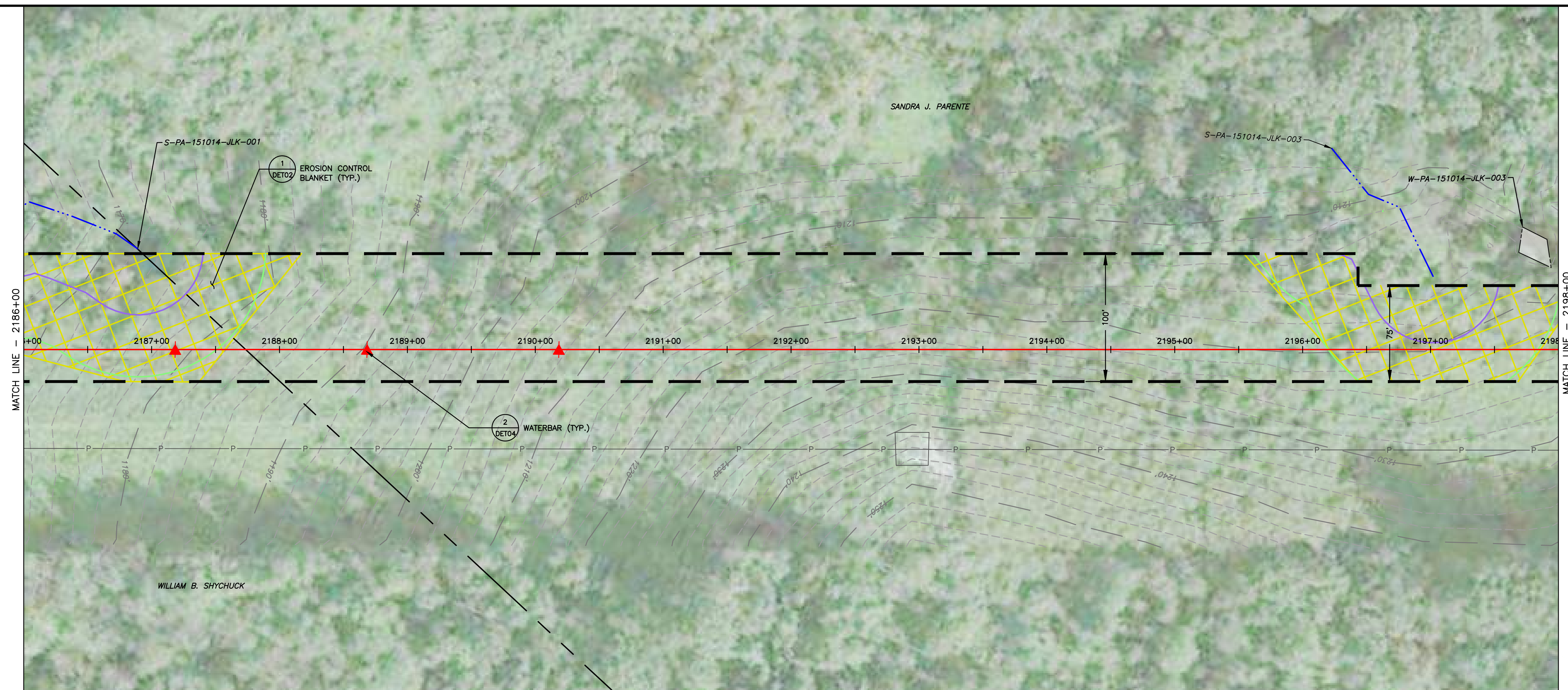
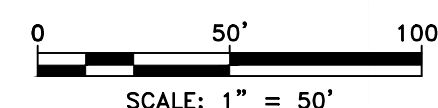


FALCON ETHANE PIPELINE SYSTEM
JUNCTION TO MONACA

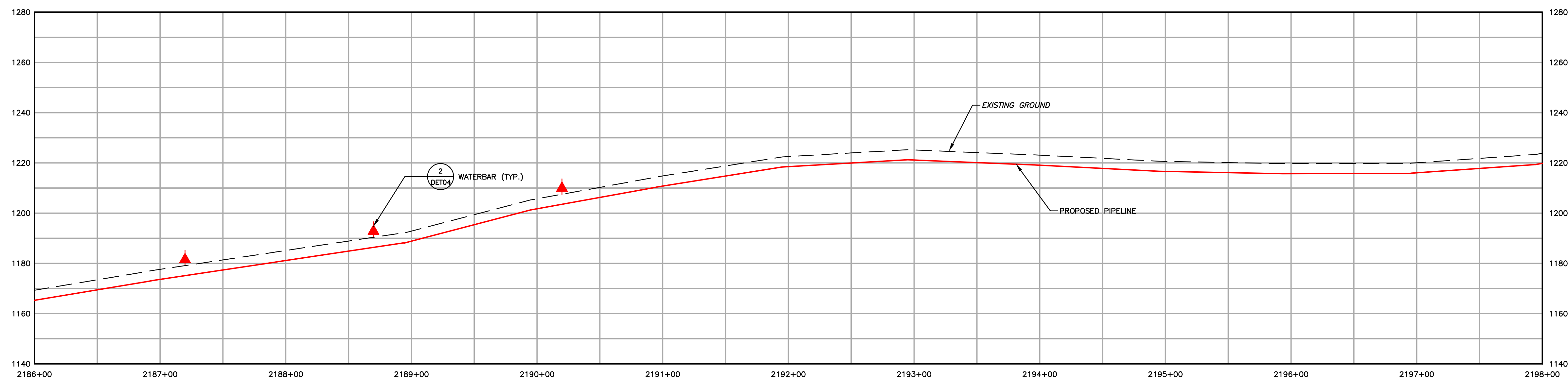
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SITE RESTORATION PLAN
SR156 - (STA. 185+50.00 TO STA. 193+22.14)
BEAVER COUNTY
RACCOON TOWNSHIP
PENNSYLVANIA

SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD120030	REVISION	2
DRAWN	ARC					



LAND USE	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'

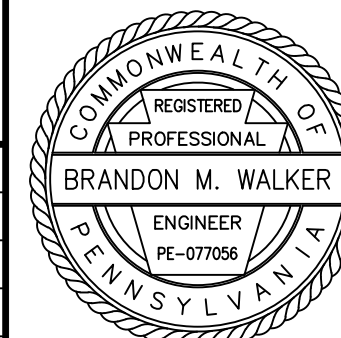


Legend:

- 1550 EXISTING CONTOURS (INDEX)
- EXISTING CONTOURS (INTERMEDIATE)
- EXISTING PROPERTY LINE
- EXISTING STREAM
- EXISTING WETLAND
- Soil Type Boundary and Soil Boundary (Mrb2)
- Land Use Type Boundary and Land Use Boundary (MFL)
- TREE/BRUSH LINE
- PROPOSED PIPELINE
- PROPOSED LIMIT OF DISTURBANCE
- ACCESS ROAD CENTERLINE
- PROPOSED WATERBAR
- PROPOSED EROSION CONTROL BLANKET
- WATERSHED BOUNDARY

GENERAL NOTES:

2	08/01/18	REVISED PER CCD/DEP REVIEW		ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW		LJS	JWR
0	09/14/17	ISSUED FOR PERMIT		BMW	JWR
REV NO	DATE	DESCRIPTION OF REVISION		CHK	APP

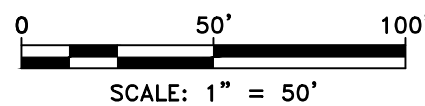
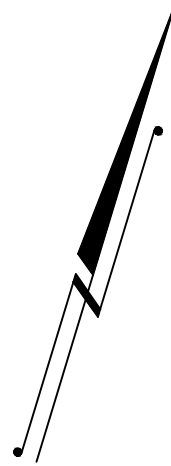


FALCON ETHANE PIPELINE SYSTEM SCIO TO JUNCTION

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SITE RESTORATION PLAN	
SR158 - (STA. 2186+00.00 TO STA. 2198+00.00)	
BEAVER COUNTY	PENNSYLVANIA
GREENE TOWNSHIP	

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD120032	REVISION
DRAWN	ARC	09/14/17		2



- | | | | |
|-----|--|-----|----------------------------------|
| --- | EXISTING CONTOURS (INDEX) | --- | PROPOSED PIPELINE |
| --- | EXISTING CONTOURS (INTERMEDIATE) | --- | PROPOSED LIMIT OF DISTURBANCE |
| --- | EXISTING PROPERTY LINE | --- | ACCESS ROAD CENTERLINE |
| --- | EXISTING STREAM | --- | PROPOSED WATERBARS |
| --- | EXISTING WETLAND | --- | PROPOSED EROSION CONTROL BLANKET |
| --- | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | |
| --- | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| --- | TREE/BRUSH LINE | | |

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



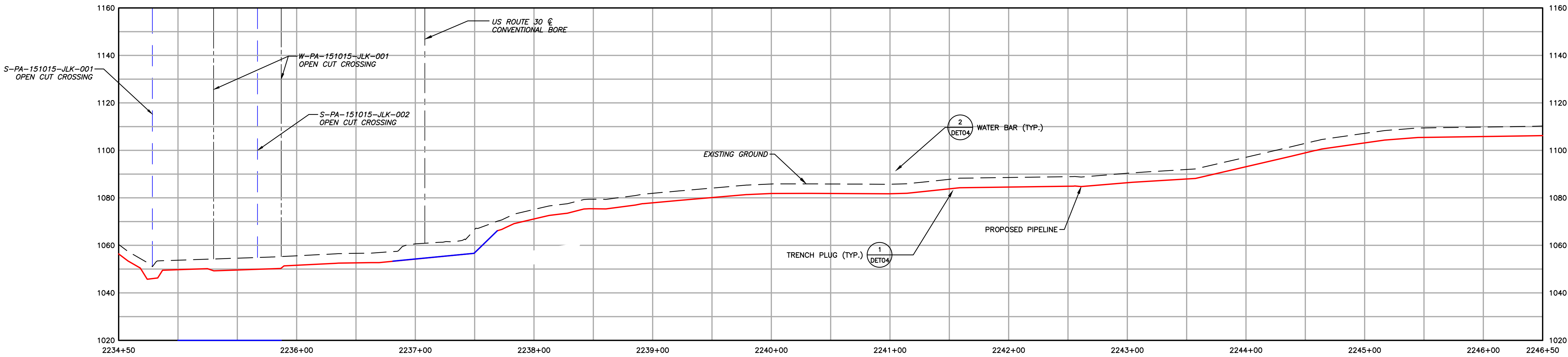
FALCON ETHANE PIPELINE SYSTEM
SCIO TO JUNCTION

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BEAVER COUNTY GREENE TOWNSHIP		SITE RESTORATION PLAN SR159A - (SCIO-TAR-31) PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120157	REVISION 2



LAND USE	FIELD	FIELD	WETLAND	STREAM	FIELD	ROAD	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'	5'	4'	5'	4'



- 1550

EXISTING CONTOURS (INDEX)

1550

EXISTING CONTOURS (INTERMEDIATE)

EXISTING PROPERTY LINE

EXISTING STREAM

EXISTING WETLAND

EXISTING WETLAND

SOIL TYPE BOUNDARY AND SOIL BOUNDARY

LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY

TREE/BRUSH LINE

PROPOSED PIPELINE

PROPOSED LIMIT OF DISTURBANCE

ACCESS ROAD CENTERLINE

PROPOSED WATERBAR

PROPOSED EROSION CONTROL BLANKET

WATERSHED BOUNDARY

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

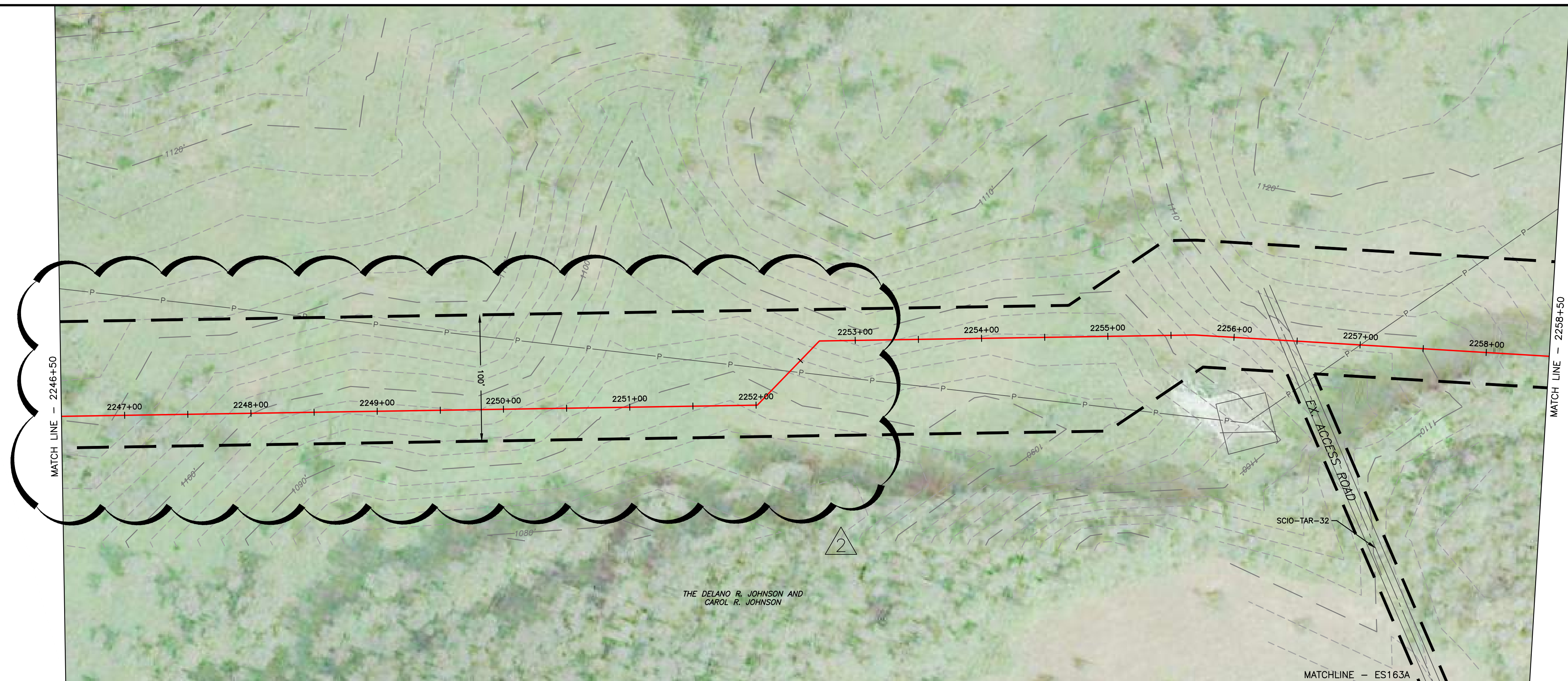
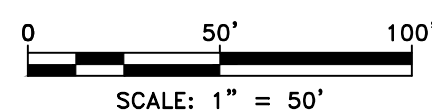


FALCON ETHANE PIPELINE SYSTEM
SCIO TO JUNCTION

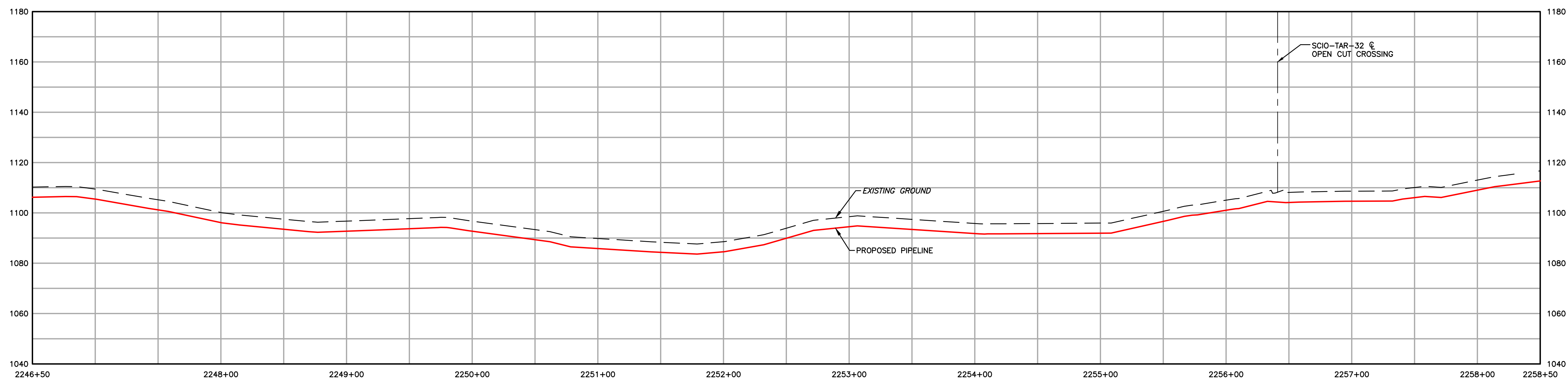
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SITE RESTORATION PLAN
SR162 - (STA. 2234+50 TO STA. 2246+50)
BEAVER COUNTY
GREENE TOWNSHIP
PENNSYLVANIA

SCALE	1"=50'	DATE	09/14/17	REVISION	2
DRAWN	ARC				



LAND USE	FIELD	ROAD	FIELD	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'	4'



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:

2	08/01/16	REVISED PER CCD/DEP REVIEW		ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW		LJS	JWR
0	09/14/17	ISSUED FOR PERMIT		BMW	JWR
REV	DATE	DESCRIPTION OF REVISION		CHK	APP



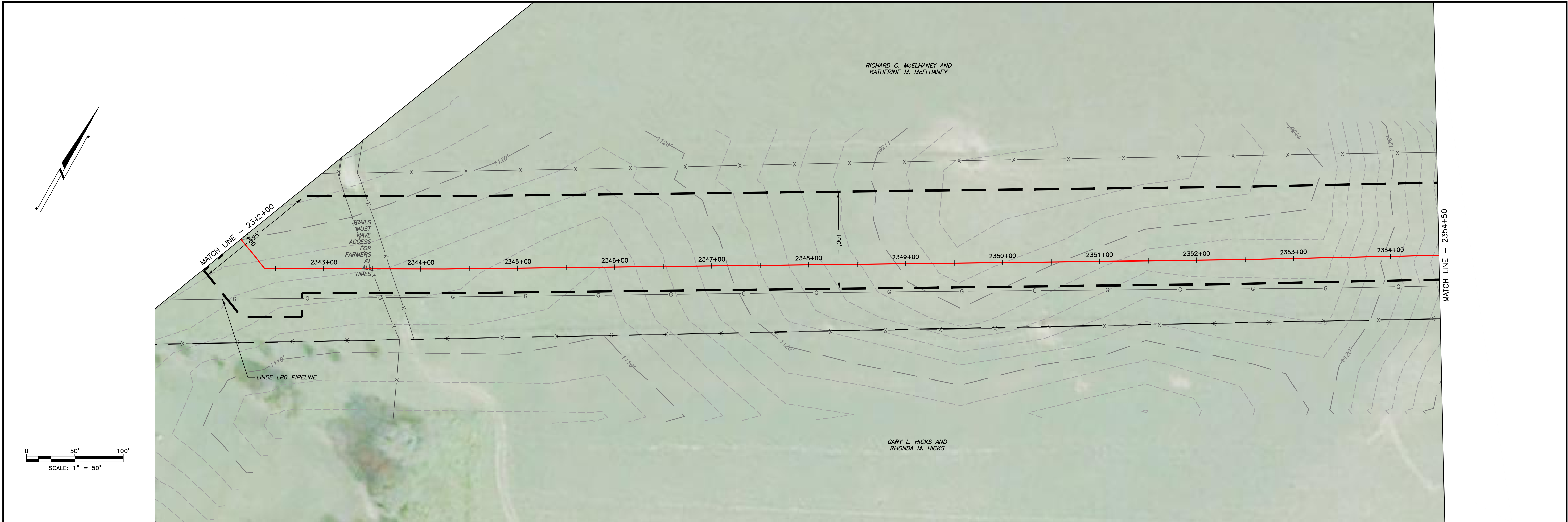
FALCON ETHANE PIPELINE SYSTEM
SCIO TO JUNCTION

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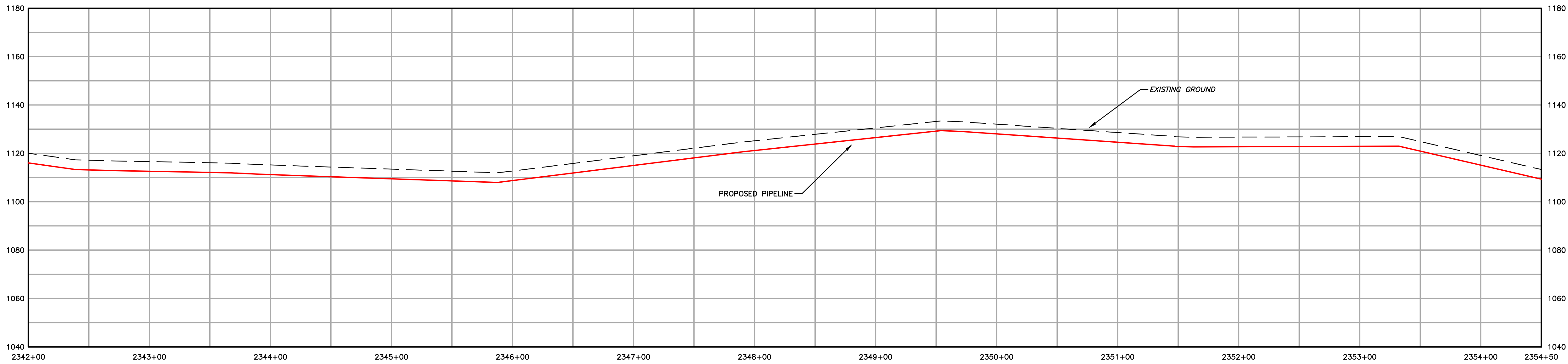
SITE RESTORATION PLAN
SR163 - (STA. 2246+50 TO STA. 2258+50)
BEAVER COUNTY PENNSYLVANIA
GREENE TOWNSHIP

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD120037	REVISION 2
DRAWN	ARC	09/14/17		

Filename: Y:\PROJECTS\1747\SHELL\60498885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR_PLAN163.DWG
Last saved by: LINCOLN SCHAEFER (7/30/2018 4:11 PM) Last Plotted: 2018-07-30 (7/30/2018 5:20 PM)



LAND USE	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'



- 1/550

EXISTING CONTOURS (INDEX)

EXISTING CONTOURS (INTERMEDIATE)

EXISTING PROPERTY LINE

EXISTING STREAM

EXISTING WETLAND

SOIL TYPE BOUNDARY AND SOIL BOUNDARY

LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY

TREE/BRUSH LINE

PROPOSED PIPELINE

PROPOSED LIMIT OF DISTURBANCE

ACCESS ROAD CENTERLINE

PROPOSED WATERBAR

PROPOSED EROSION CONTROL BLANKET

WATERSHED BOUNDARY

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

COMMONWEALTH OF PENNSYLVANIA

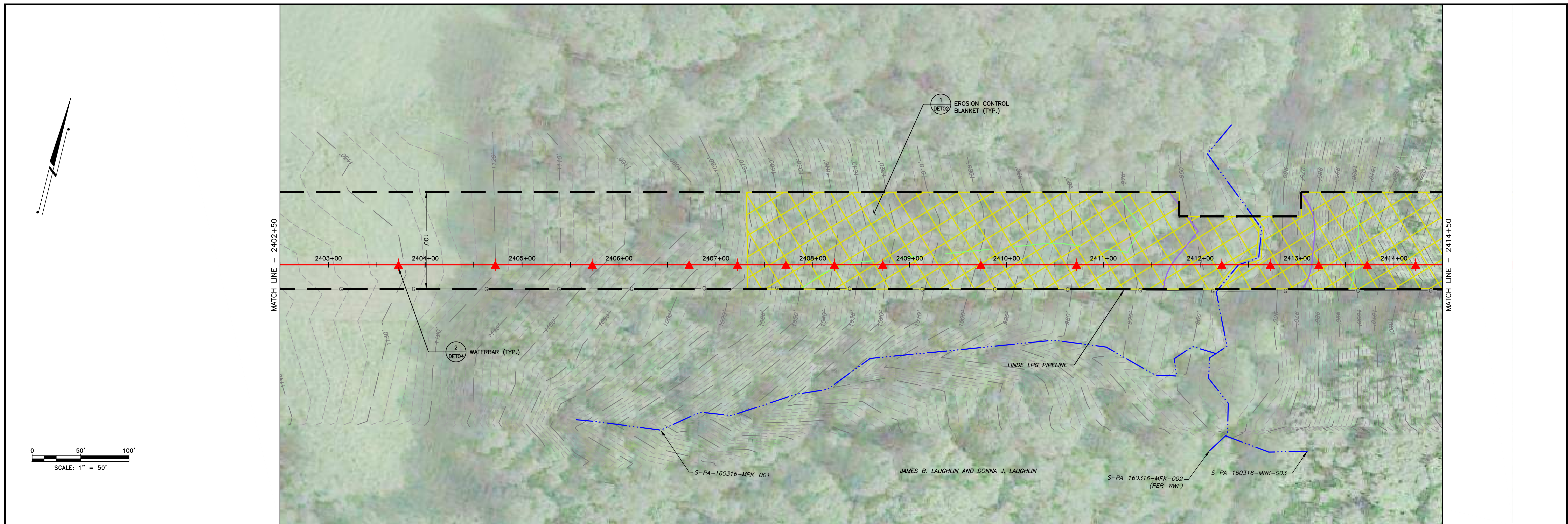
REGISTERED PROFESSIONAL

BRANDON M. WALKER

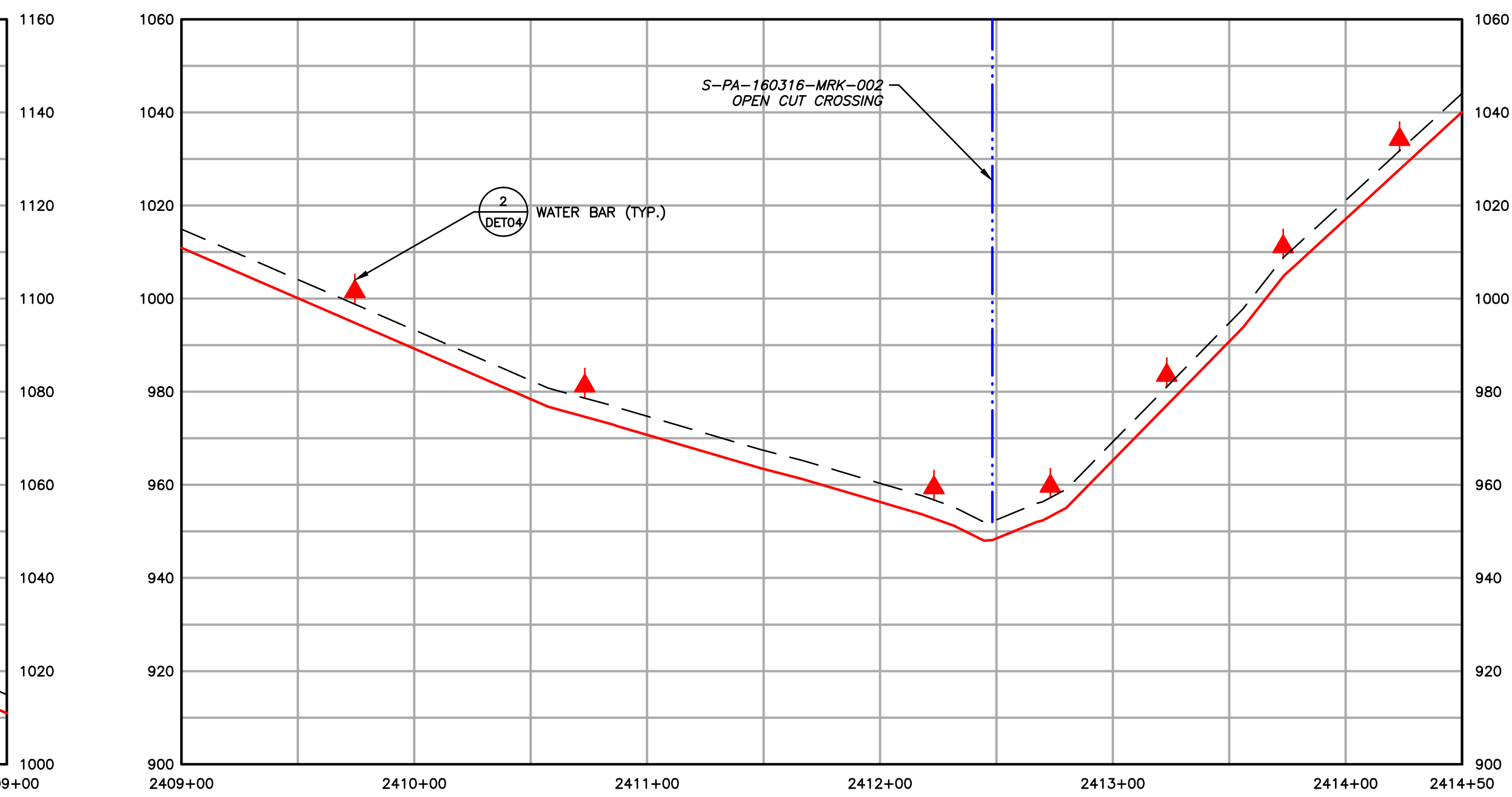
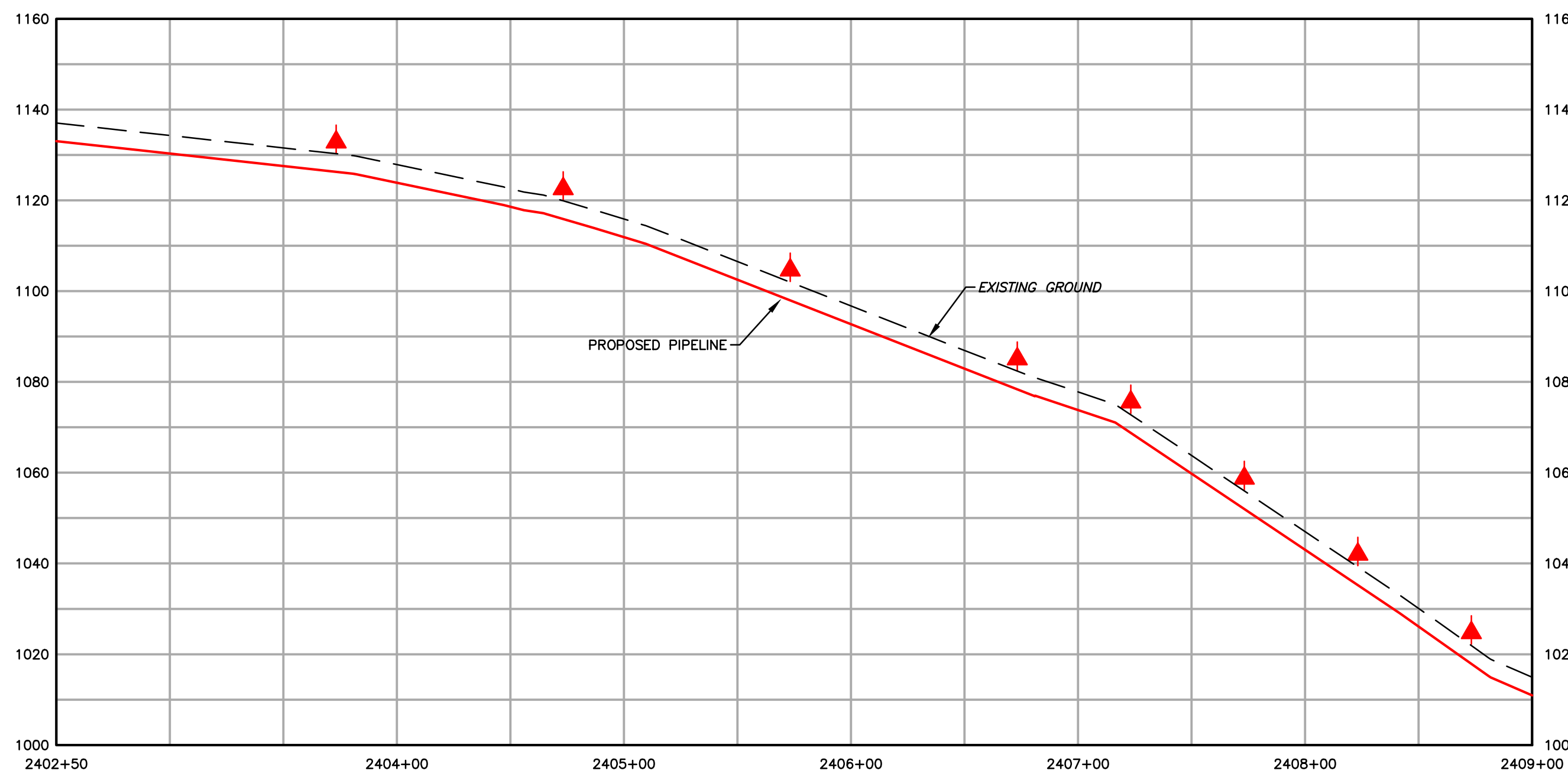
ENGINEER

PE-077056

FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
SCIO TO JUNCTION		SR171 - (STA. 2342+00 TO STA. 2354+50)	
		BEAVER COUNTY	
		GREENE TOWNSHIP	
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DRAWN ARC		SPLC-GOM-AE-SD120045	REVISION 2



LAND USE	FIELD	WOODS		WOODS	STREAM	WOODS	
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'		4'	5'	4'	



LEGEND

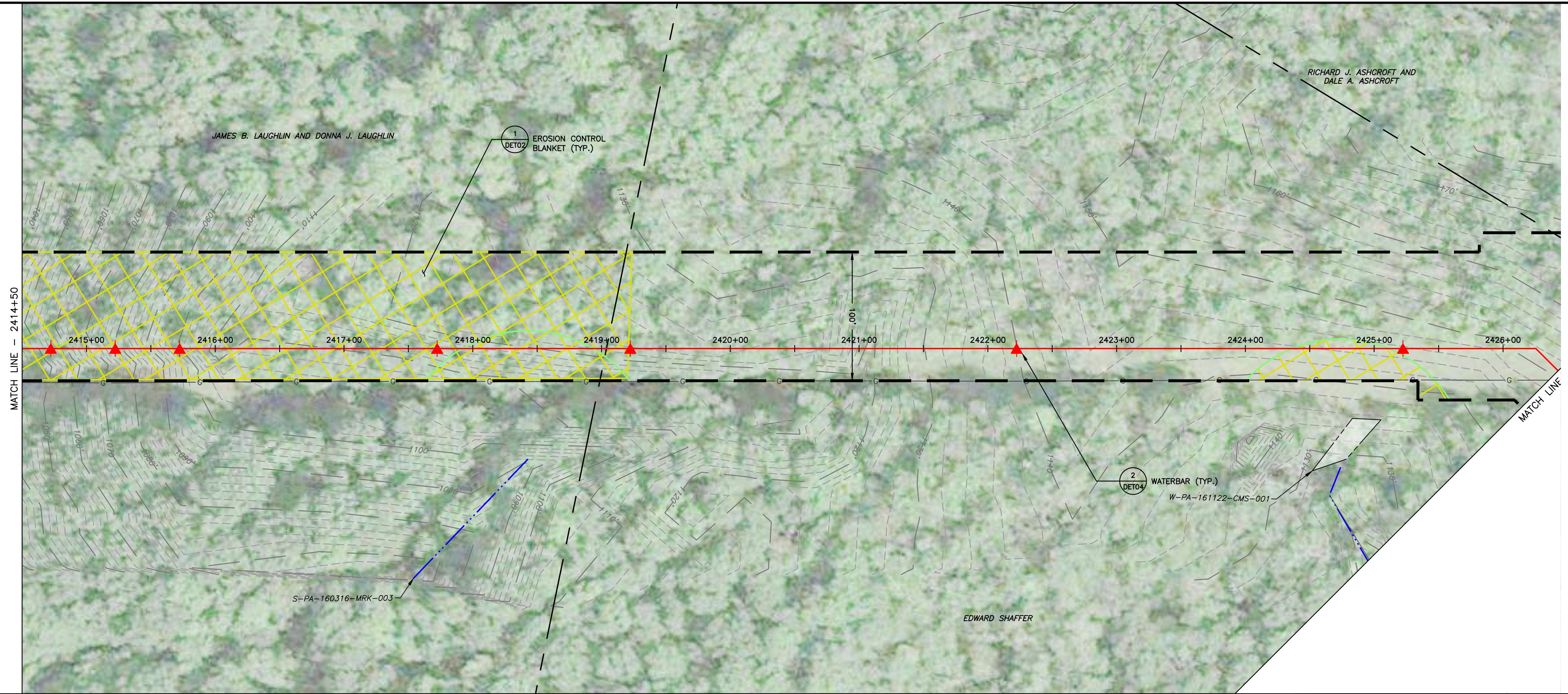
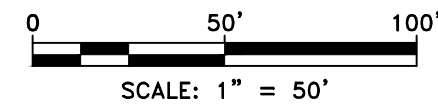
	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:

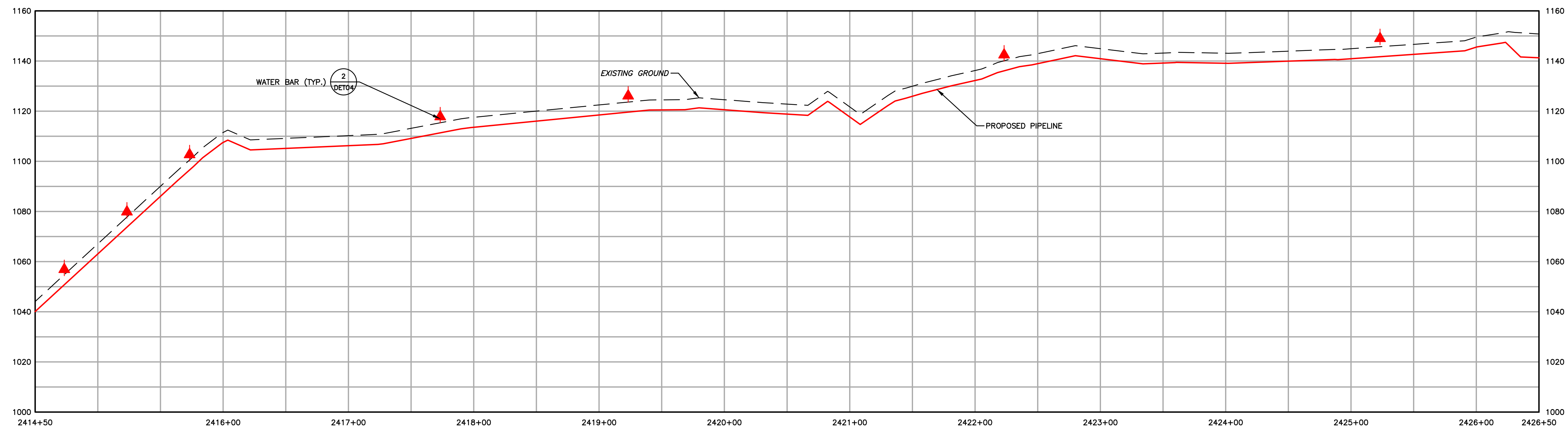
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0	09/14/17		ISSUED FOR PERMIT	BMW	JWR



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
SCIO TO JUNCTION		SR176 - (STA. 2402+50 TO STA. 2414+50)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120050	
			REVISION 2



LAND USE	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:

2	08/01/18	REVISED PER CCD/DEP REVIEW		ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW		LJS	JWR
0	09/14/17	ISSUED FOR PERMIT		BMW	JWR
REV NO	DATE	DESCRIPTION OF REVISION		CHK	APP



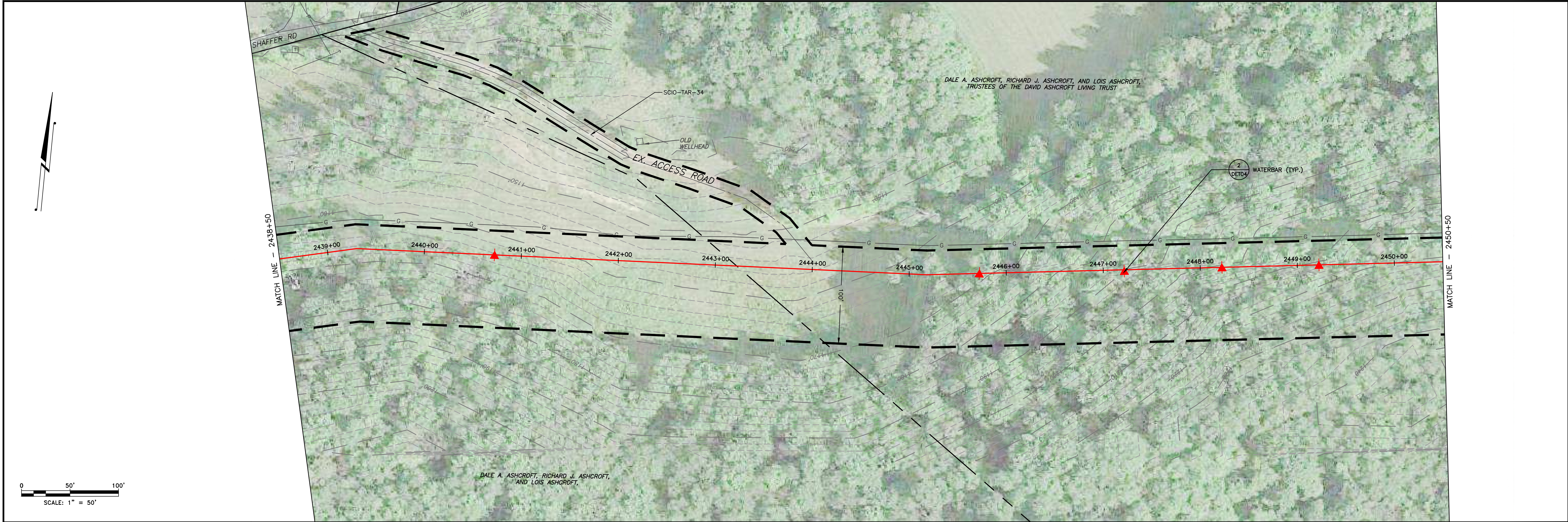
FALCON ETHANE PIPELINE SYSTEM SCIO TO JUNCTION

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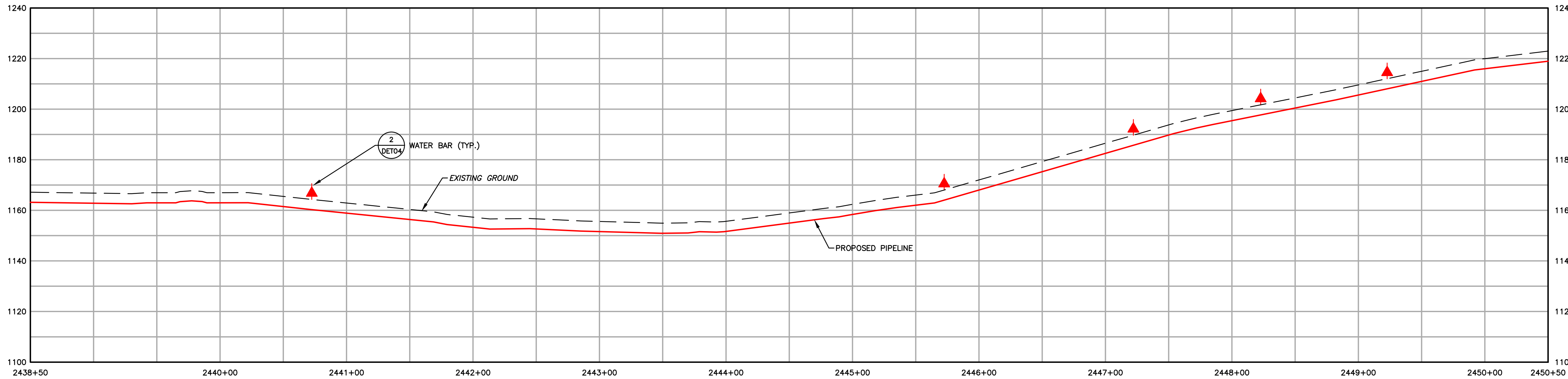
SITE RESTORATION PLAN SR177 - (STA. 2414+50 TO STA. 2426+50) BEAVER COUNTY GREENE TOWNSHIP	PENNSYLVANIA
---	--------------

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD120051	REVISION
DRAWN	ARC	09/14/17		2

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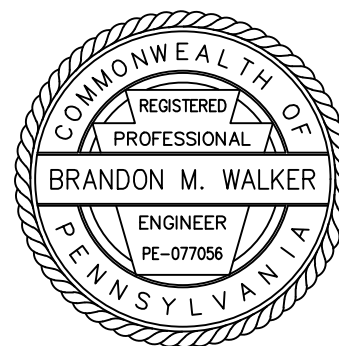
LAND USE	WOODS	FIELD	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'



- 1,550
- EXISTING CONTOURS (INDEX)
- EXISTING CONTOURS (INTERMEDIATE)
- EXISTING PROPERTY LINE
- EXISTING STREAM
- EXISTING WETLAND
- SOIL TYPE BOUNDARY AND SOIL BOUNDARY
- LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY
- TREE/BRUSH LINE
- PROPOSED PIPELINE
- PROPOSED LIMIT OF DISTURBANCE
- ACCESS ROAD CENTERLINE
- PROPOSED WATERBAR
- PROPOSED EROSION CONTROL BLANKET
- WATERSHED BOUNDARY

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



FALCON ETHANE PIPELINE SYSTEM

SCIO TO JUNCTION

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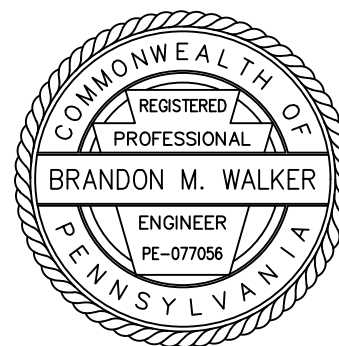
SITE RESTORATION PLAN		SR179 - (STA. 2438+50 TO STA. 2450+50)	
BEAVER COUNTY		PENNSYLVANIA	
** TOWNSHIP			
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC		
SPLC-GOM-AE-SD120053		REVISION	2

Filename: \\projects\1747\shell\4049885 - FALCON 900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR-PLAN182.DWG
Last saved by: LINCOLN\SCHAEFER (7/30/2018 4:15 PM) Last Plotted: 2018-07-30 (7/30/2018 5:35 PM)

- | | | | |
|--|--|--|----------------------------------|
| | EXISTING CONTOURS (INDEX) | | PROPOSED PIPELINE |
| | EXISTING CONTOURS (INTERMEDIATE) | | PROPOSED LIMIT OF DISTURBANCE |
| | EXISTING PROPERTY LINE | | ACCESS ROAD CENTERLINE |
| | EXISTING STREAM | | PROPOSED WATERBAR |
| | EXISTING WETLAND | | PROPOSED EROSION CONTROL BLANKET |
| | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | WATERSHED BOUNDARY |
| | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| | TREE/BRUSH LINE | | |

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

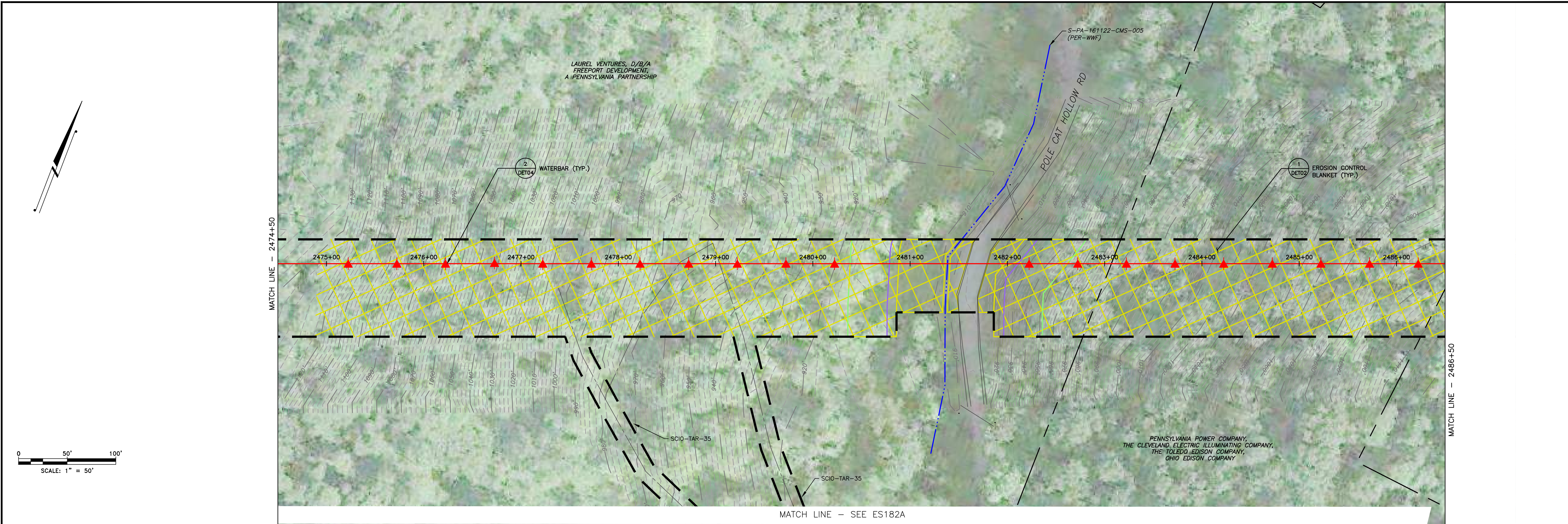


FALCON ETHANE PIPELINE SYSTEM
SCIO TO JUNCTION

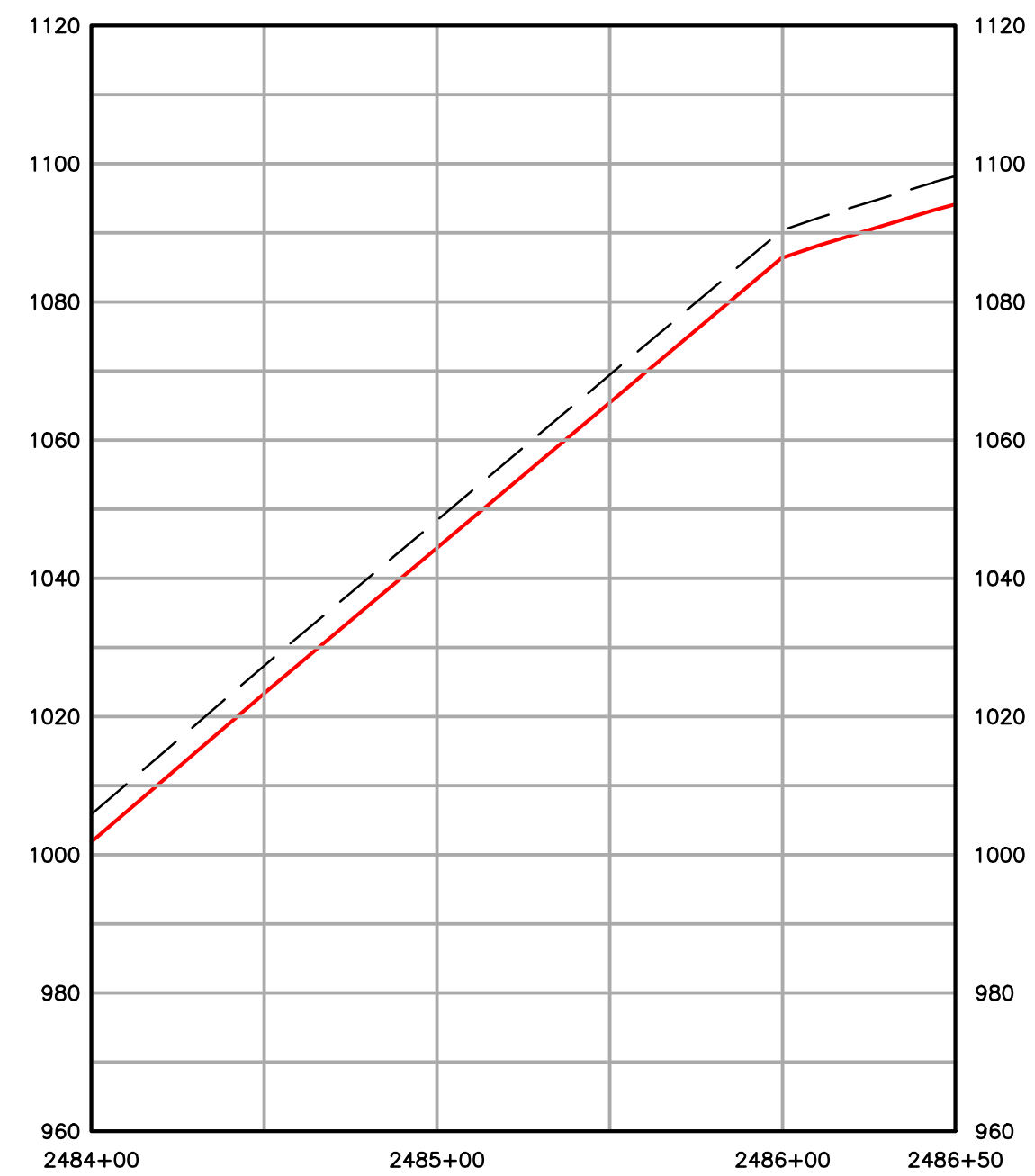
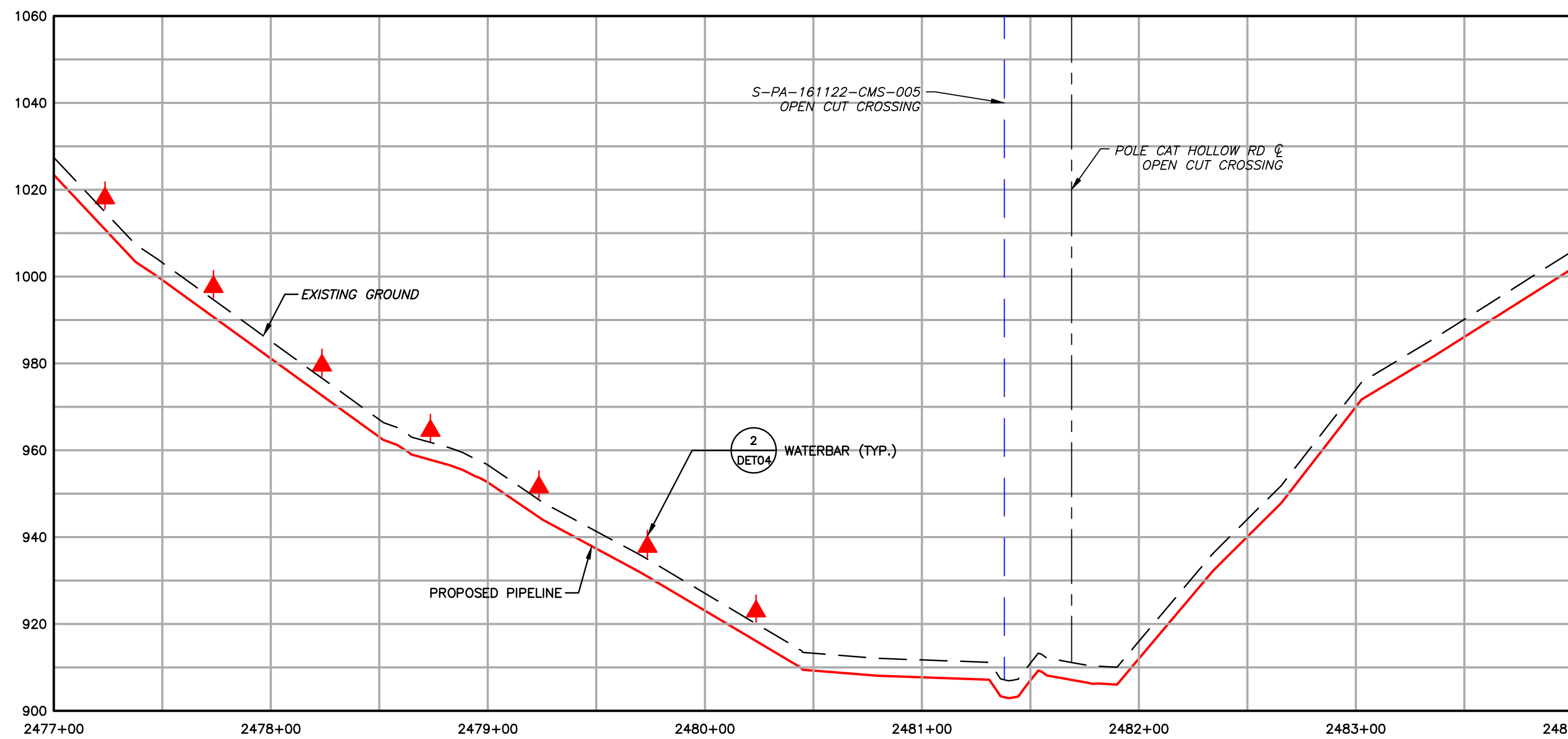
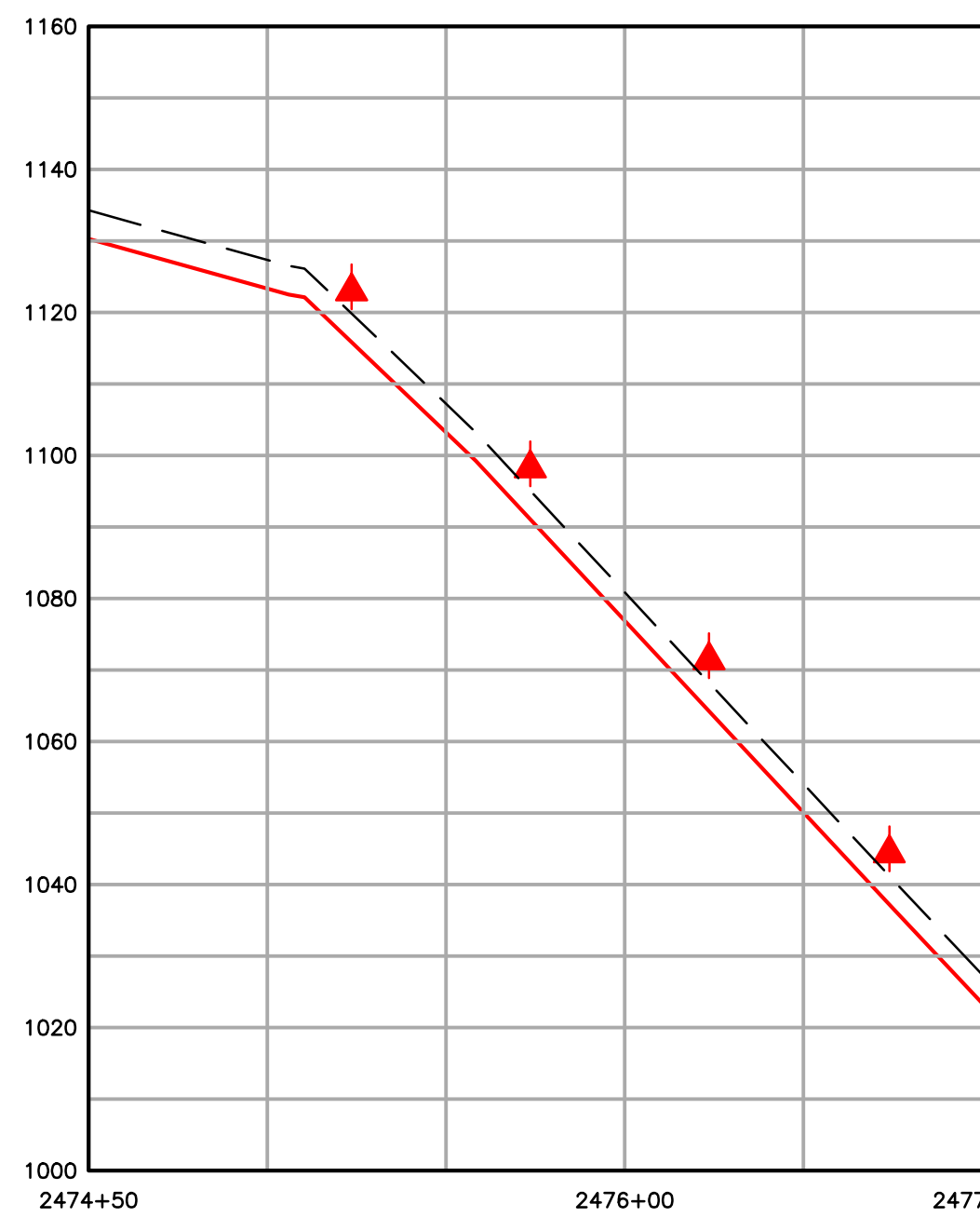
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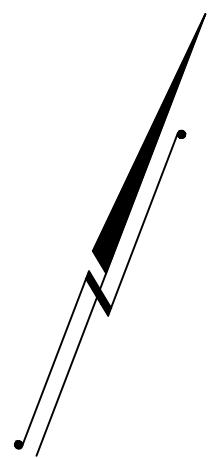
SITE RESTORATION PLAN
SR182 - (STA. 2474+50 TO STA. 2486+50)
BEAVER COUNTY
GREENE TOWNSHIP
PENNSYLVANIA

SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD120056	REVISION	2
DRAWN	ARC					



LAND USE	WOODS	WOODS	STREAM	ROAD	WOODS	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'	5'	5'	4'	4'





- | | | | |
|--|--|--|----------------------------------|
| | EXISTING CONTOURS (INDEX) | | PROPOSED PIPELINE |
| | EXISTING CONTOURS (INTERMEDIATE) | | PROPOSED LIMIT OF DISTURBANCE |
| | EXISTING PROPERTY LINE | | ACCESS ROAD CENTERLINE |
| | EXISTING STREAM | | PROPOSED WATERBARS |
| | EXISTING WETLAND | | PROPOSED EROSION CONTROL BLANKET |
| | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | |
| | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| | TREE/BRUSH LINE | | |

GENERAL NOTES:

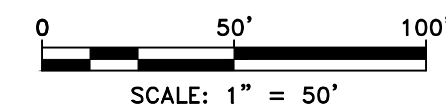
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0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



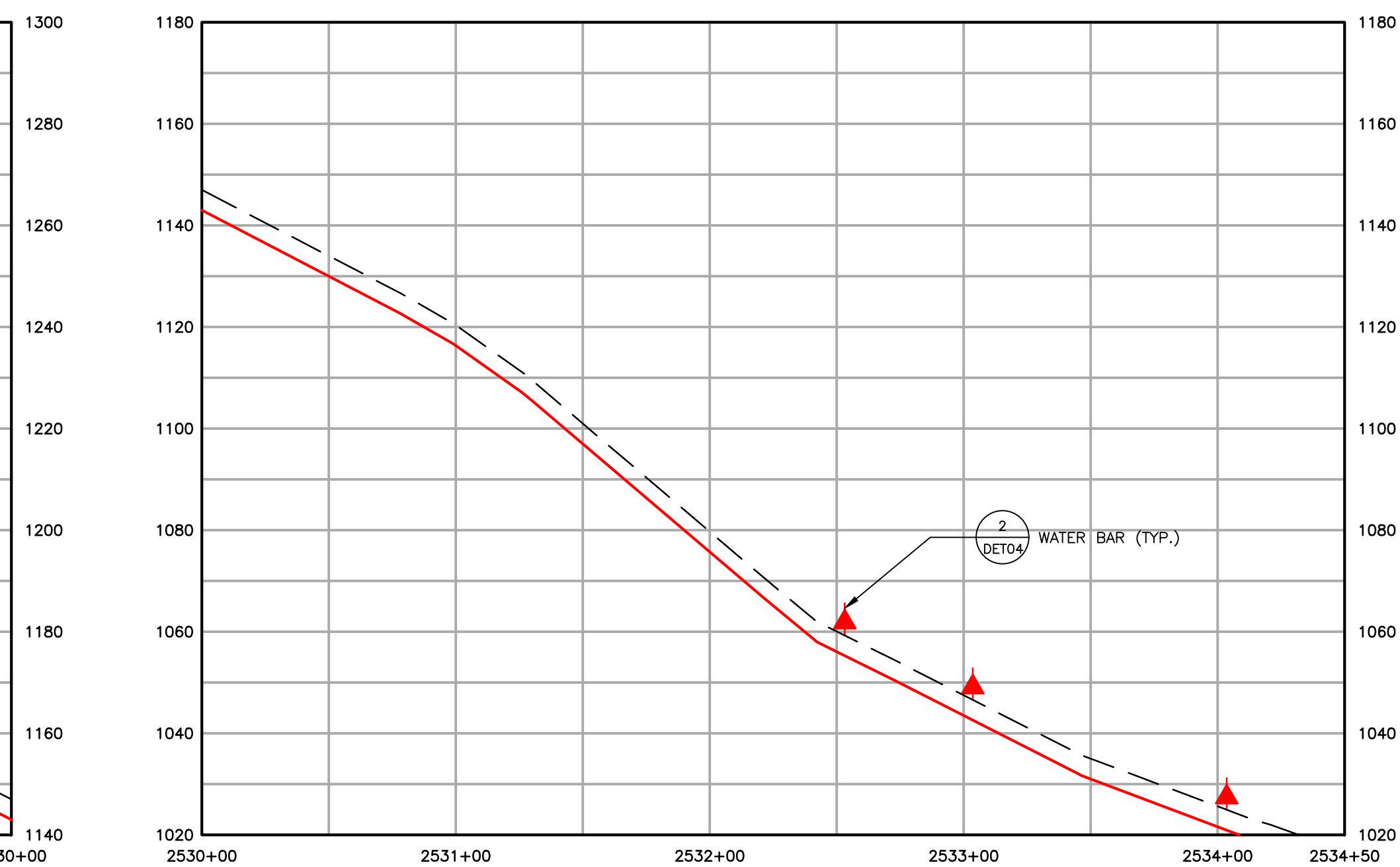
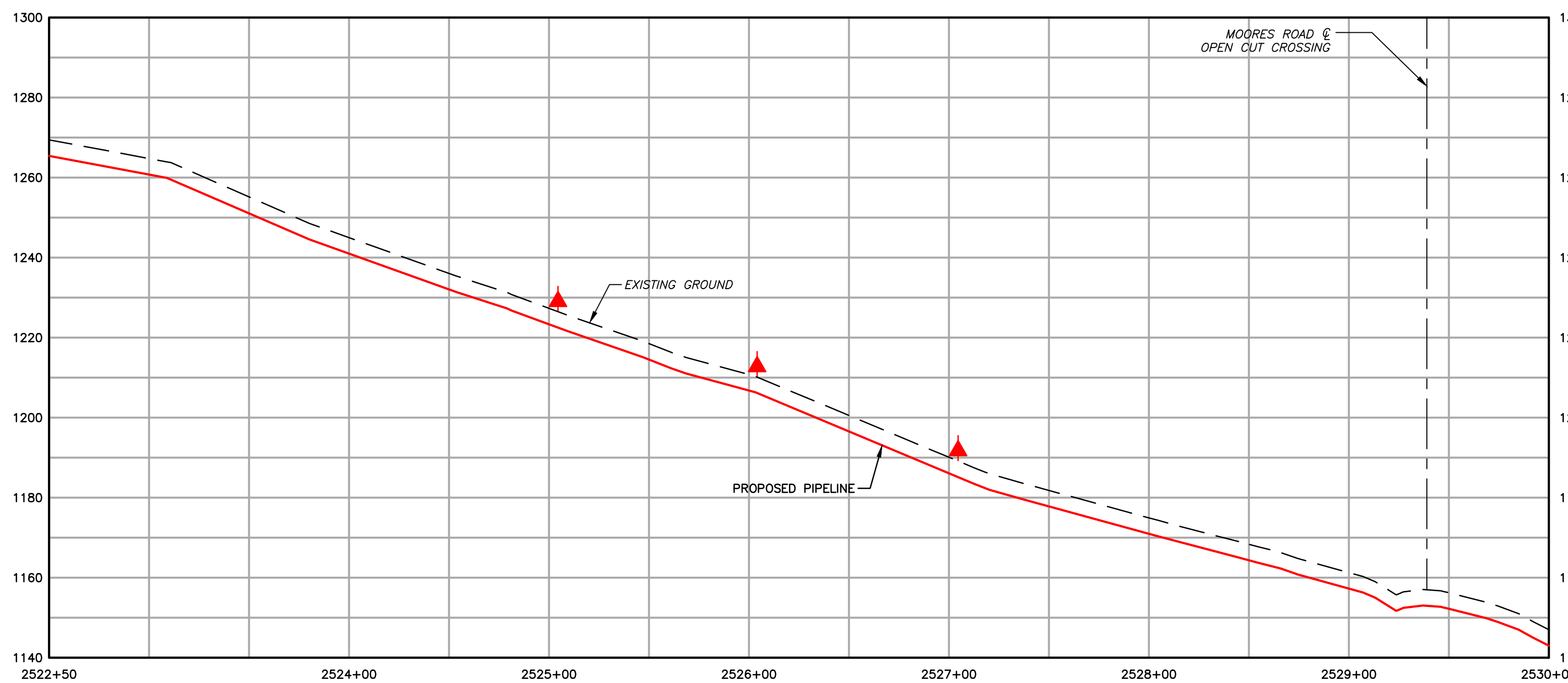
FALCON ETHANE PIPELINE SYSTEM
SCIO TO JUNCTION

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BEAVER COUNTY GREENE TOWNSHIP		SITE RESTORATION PLAN SR182A - (SCIO-TAR-35)		PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/17	REVISION	2
DRAWN	ARC	SPLC-GOM-AE-SD120159			



LAND USE	FIELD	WOODS	FIELD	WOODS	FIELD	ROAD	FIELD		WOODS	
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'	4'	4'	4'	5'	4'		4'	



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:					
2	08/01/18	REVISED PER CCD/DEP REVIEW			ARG BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW			LJS JWR
0	09/14/17	ISSUED FOR PERMIT			BMW JWR
REV	DATE	DESCRIPTION OF REVISION			CHK APP



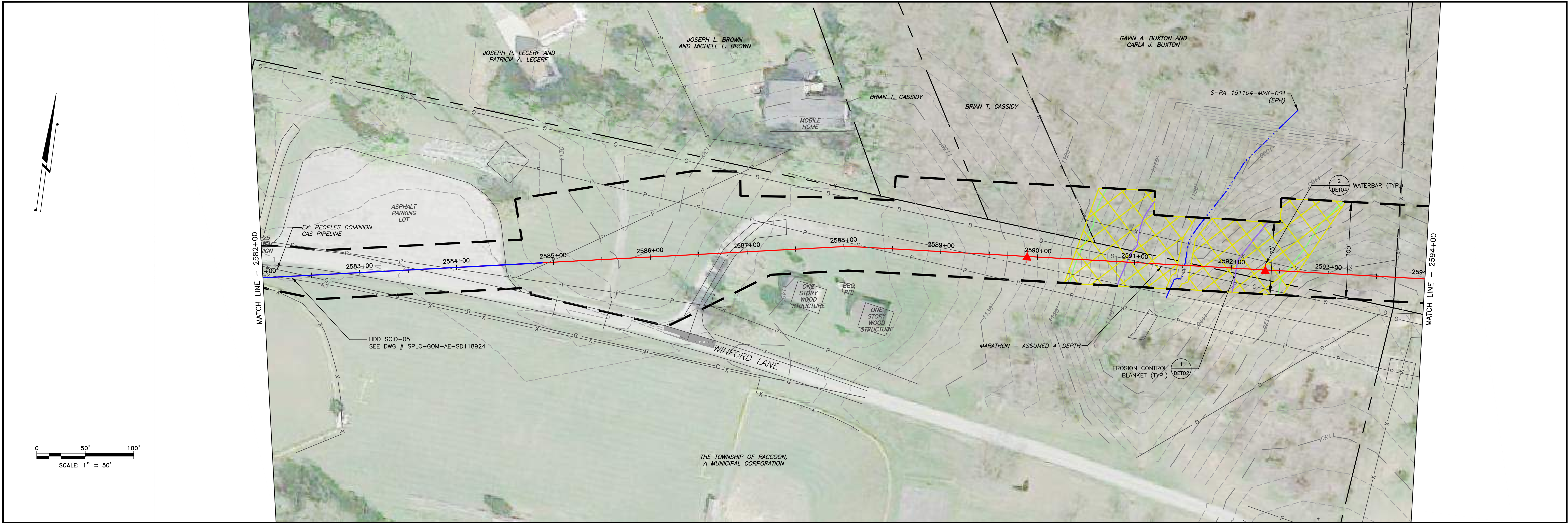
FALCON ETHANE PIPELINE SYSTEM

SCIO TO JUNCTION

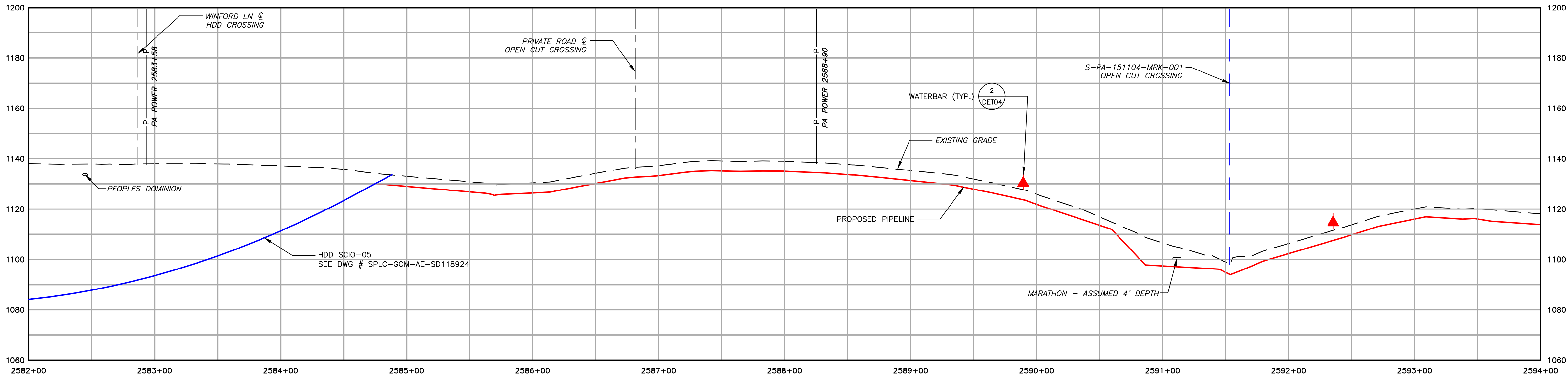
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SITE RESTORATION PLAN SR186 - (STA. 2522+50 TO STA. 2534+50) BEAVER COUNTY RACCOON TOWNSHIP	PENNSYLVANIA
--	--------------

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD120060	REVISION
DRAWN	ARC	09/14/17		2



LAND USE	FIELD	ROAD	FIELD	ROAD	FIELD	WOODS	STREAM	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'	5'	4'	4'	5'	4'



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

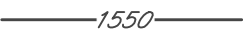
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1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR	
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR	
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
SCIO TO JUNCTION		SR191 - (STA. 2582+00.00 TO STA. 2594+00.00)	
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SCALE: 1"=50'	DATE: 09/14/17	SPLC-GOM-AE-SD120065	REVISION: 2
DRAWN: ARC			

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\\projects\1747\shelly\6048885 - FALCON\SP-PLAN\SP-PLANS\SP-PLAN192.DWG
Last saved by LINCOLN SCHAEFER (7/30/2018 4:15 PM) Last Plotted: 2018-07-30 (7/30/2018 5:19 PM)

- | | | | |
|---|--|---|----------------------------------|
|  | EXISTING CONTOURS (INDEX) |  | PROPOSED PIPELINE |
|  | EXISTING CONTOURS (INTERMEDIATE) |  | PROPOSED LIMIT OF DISTURBANCE |
|  | EXISTING PROPERTY LINE |  | ACCESS ROAD CENTERLINE |
|  | EXISTING STREAM |  | PROPOSED WATERBAR |
|  | EXISTING WETLAND |  | PROPOSED EROSION CONTROL BLANKET |
|  | SOIL TYPE BOUNDARY AND SOIL BOUNDARY |  | WATERSHED BOUNDARY |
|  | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
|  | TREE/BRUSH LINE | | |

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

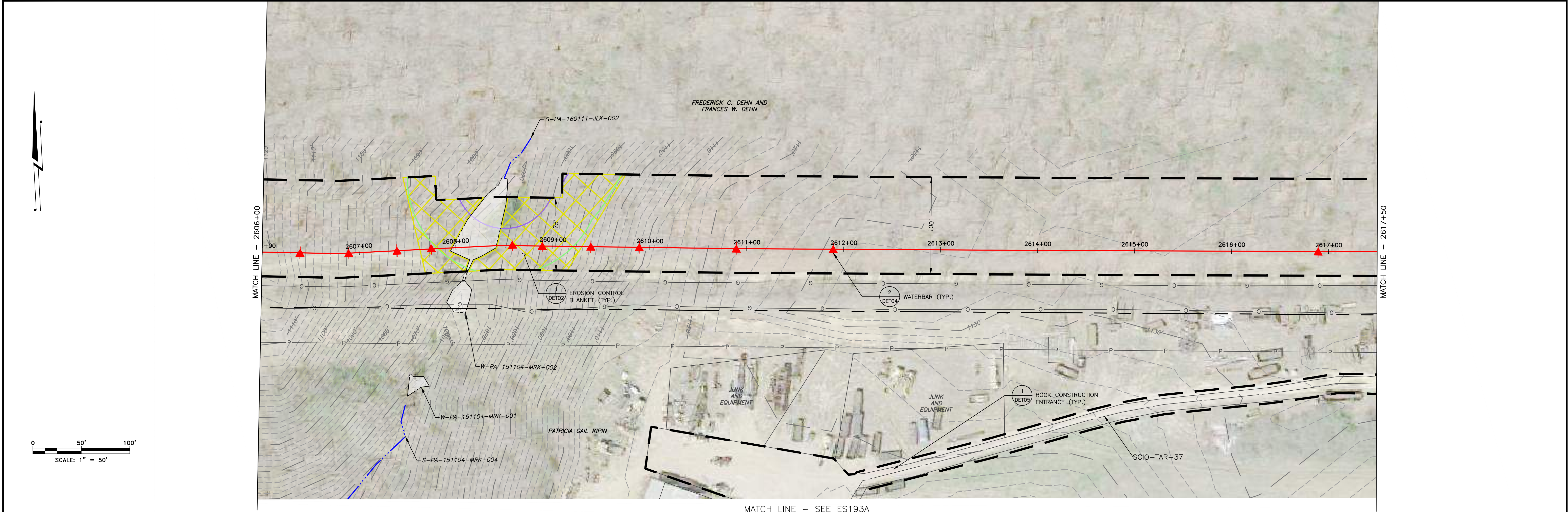


FALCON ETHANE PIPELINE SYSTEM
SCIO TO JUNCTION

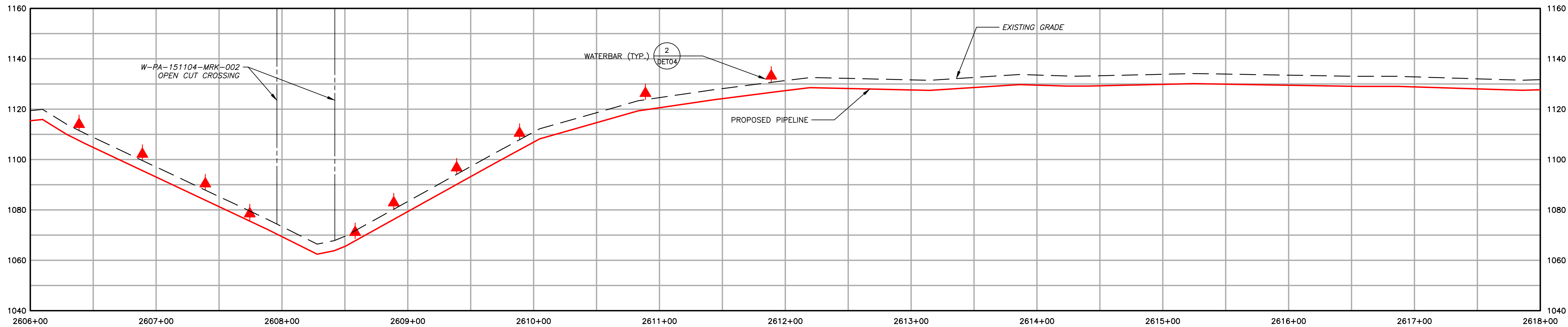
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SITE RESTORATION PLAN
SR192 - (STA. 2594+00.00 TO STA. 2606+00.00)
BEAVER COUNTY
RACCOON TOWNSHIP
PENNSYLVANIA

SCALE 1"=50'	DATE 09/14/17	SPLC-GOM-AE-SD120066	REVISION 2
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LAND USE	WOODS	WETLAND	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'



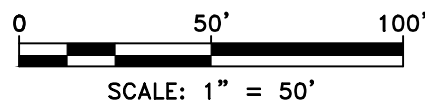
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---	EXISTING CONTOURS (INTERMEDIATE)	PROPOSED LIMIT OF DISTURBANCE
---	EXISTING PROPERTY LINE	ACCESS ROAD CENTERLINE
---	EXISTING STREAM	PROPOSED WATERBAR
---	EXISTING WETLAND	PROPOSED EROSION CONTROL BLANKET
---	SOIL TYPE BOUNDARY AND SOIL BOUNDARY	WATERSHED BOUNDARY
---	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY	
---	TREE/BRUSH LINE	

GENERAL NOTES:					
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW	
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR	
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR	
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
SCIO TO JUNCTION		SR193 - (STA. 2606+00.00 TO STA. 2617+50.00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120067	REVISION 2

Filename: \\PROJECTS\1747\SHIELD\60488888 - FALCON-SP-11-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SP-PLANS\SP_PLAN193A.DWG
Last saved by: LINCOLN SCHAEFER (7/31/2018 10:16 AM)
Last Plotted: 2018-07-31 (7/31/2018 11:00 AM)



- | | | | |
|--|--|--|----------------------------------|
| | EXISTING CONTOURS (INDEX) | | PROPOSED PIPELINE |
| | EXISTING CONTOURS (INTERMEDIATE) | | PROPOSED LIMIT OF DISTURBANCE |
| | EXISTING PROPERTY LINE | | ACCESS ROAD CENTERLINE |
| | EXISTING STREAM | | PROPOSED WATERBARS |
| | EXISTING WETLAND | | PROPOSED EROSION CONTROL BLANKET |
| | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | |
| | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| | TREE/BRUSH LINE | | |

GENERAL NOTES:

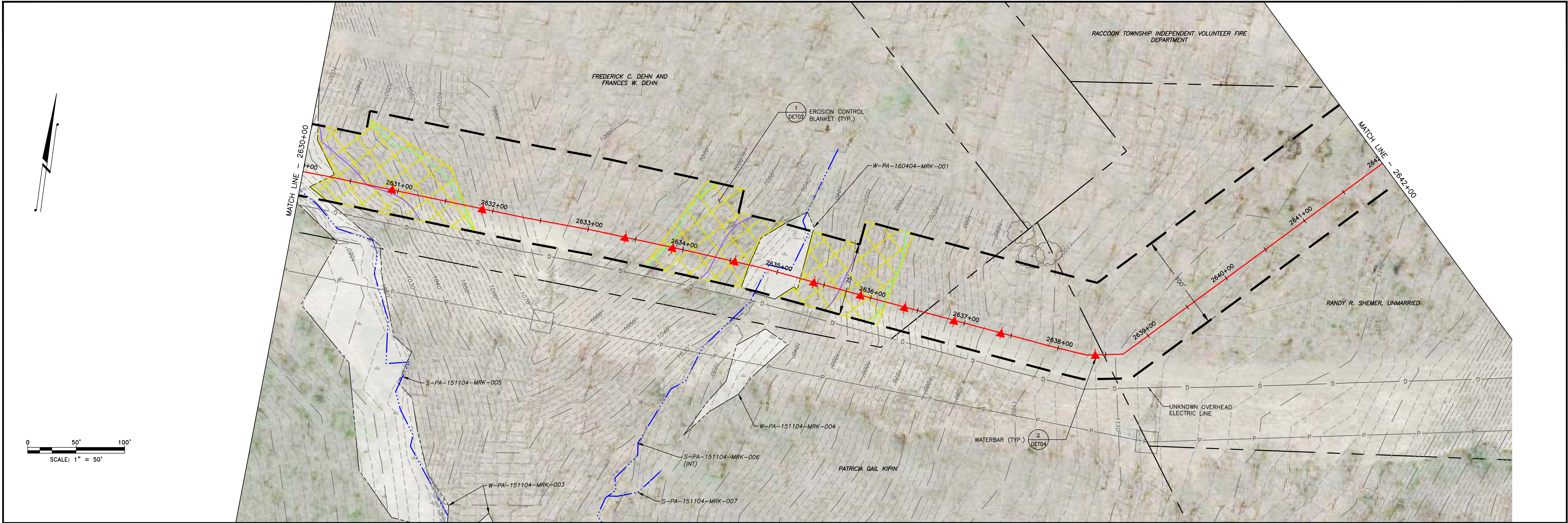
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



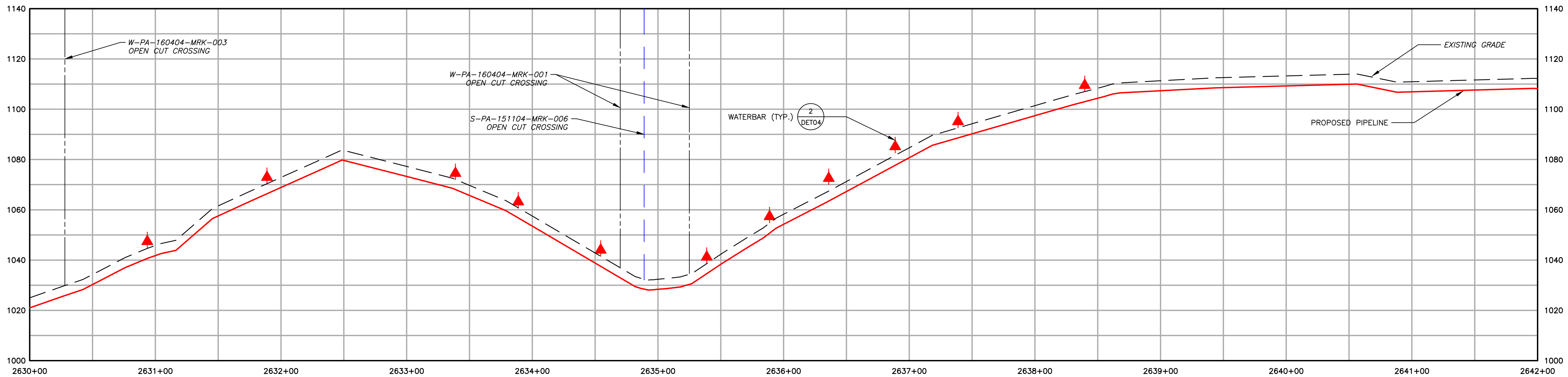
FALCON ETHANE PIPELINE SYSTEM
SCIO TO JUNCTION

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SITE RESTORATION PLAN SR193A - (SCIO-TAR-37) BEAVER COUNTY RACCOON TOWNSHIP PENNSYLVANIA			
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120160	REVISION 2



LAND USE	WETLAND	WOODS	STREAM	WETLAND	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	5'	4'	5'	4'	



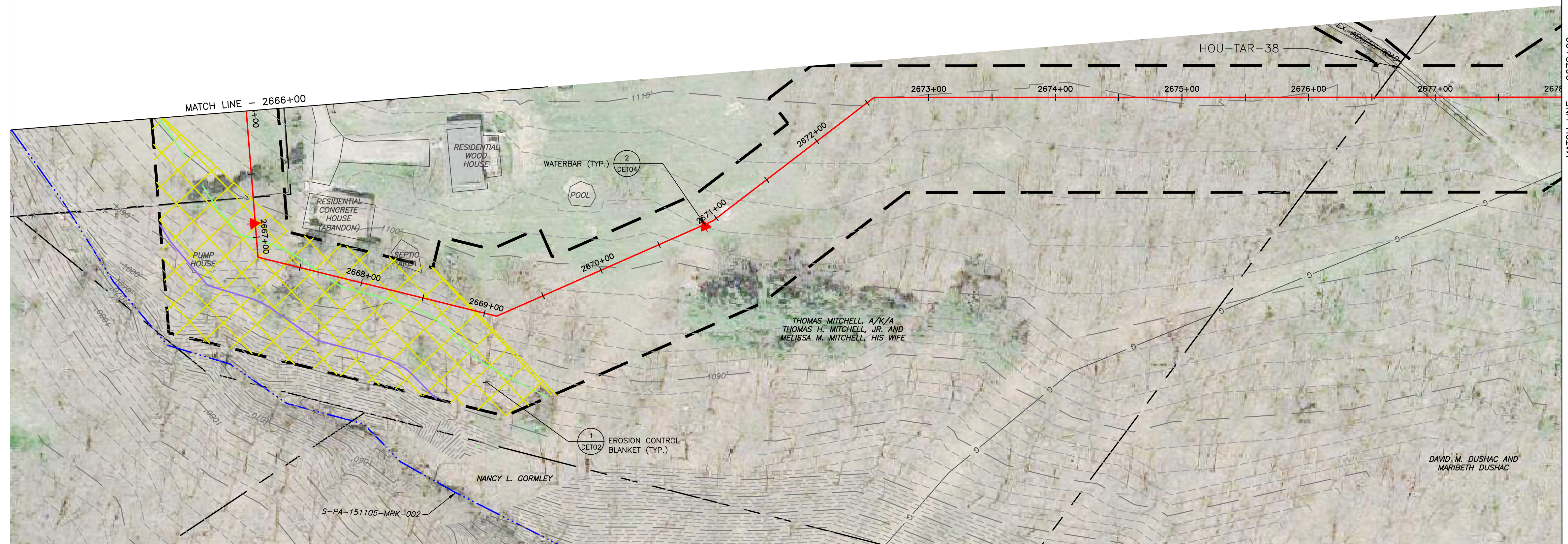
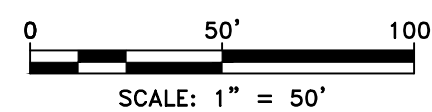
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---	EXISTING CONTOURS (INTERMEDIATE)	PROPOSED LIMIT OF DISTURBANCE
---	EXISTING PROPERTY LINE	ACCESS ROAD CENTERLINE
---	EXISTING STREAM	PROPOSED WATERBAR
---	EXISTING WETLAND	PROPOSED EROSION CONTROL BLANKET
---	SOIL TYPE BOUNDARY AND SOIL BOUNDARY	WATERSHED BOUNDARY
---	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY	
---	TREE/BRUSH LINE	

GENERAL NOTES:					
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW	
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR	
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR	
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	

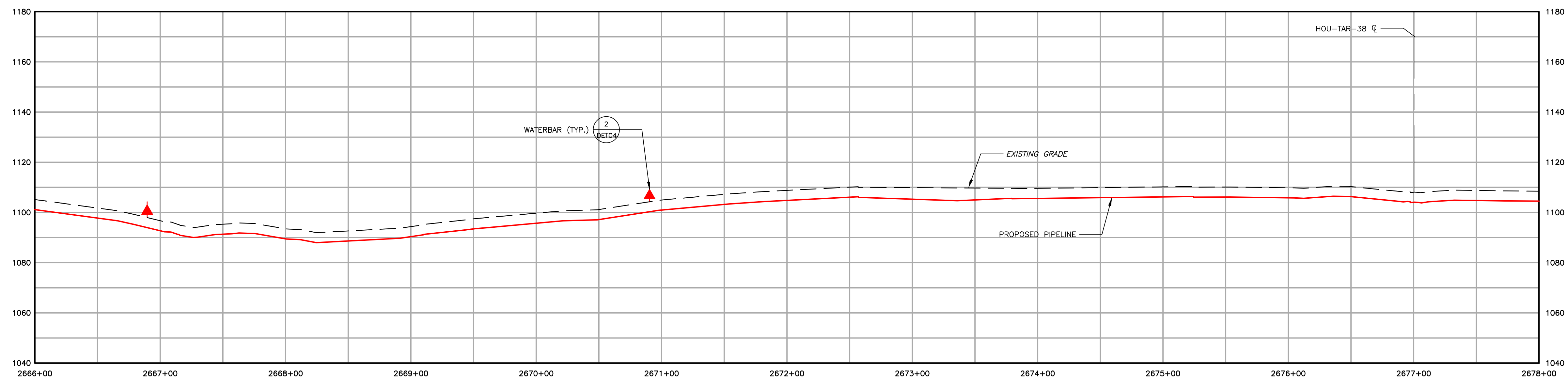


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
SCIO TO JUNCTION		SR195 - (STA. 2630+00.00 TO STA. 2642+00.00)	
THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER MAKE ANY WARRANTY AS TO THE CORRECTNESS OR COMPLETENESS 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.		BEAVER COUNTY RACCOON TOWNSHIP PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120069	REVISION 2

Filename: X:\PROJECTS\1747 SHELL 6048885 - FALCON ETHANE PIPELINE SYSTEM\1747 SHELL 6048885\SP-PLANS\SP-PLAN105.DWG
Last saved by: LINCOLN SCHAEFER (7/30/2018 4:15 PM) Last Plotted: 2018-07-30 (7/30/2018 5:23 PM)



LAND USE	FIELD	WOODS	FIELD	WOODS	ROAD	WOODS	
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'	4'	4'	5'	4'	



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		PROPOSED EROSION CONTROL BLANKET
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		WATERSHED BOUNDARY
	TREE/BRUSH LINE		

GENERAL NOTES:

[illegible]

FALCON ETHANE PIPELINE SYSTEM

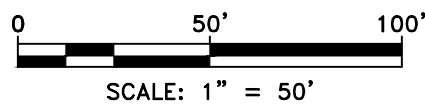
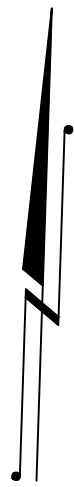
SCIO TO JUNCTION

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SITE RESTORATION PLAN SR198 - (STA. 2666+00.00 TO STA. 2678+00.00) BEAVER COUNTY RACCOON TOWNSHIP	PENNSYLVANIA
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SCALE	1"=50'	DATE	SPLC-GOM-AE-SD120072	REVISION 2
DRAWN	ARC	09/14/17		

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Last saved by: LINCOLN SCHAEFER (7/31/2018 10:17 AM) Last Plotted: 2018-07-31 (7/31/2018 11:01 AM)



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|--|--|--|----------------------------------|
| | EXISTING CONTOURS (INDEX) | | PROPOSED PIPELINE |
| | EXISTING CONTOURS (INTERMEDIATE) | | PROPOSED LIMIT OF DISTURBANCE |
| | EXISTING PROPERTY LINE | | ACCESS ROAD CENTERLINE |
| | EXISTING STREAM | | PROPOSED WATERBARS |
| | EXISTING WETLAND | | PROPOSED EROSION CONTROL BLANKET |
| | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | |
| | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| | TREE/BRUSH LINE | | |

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

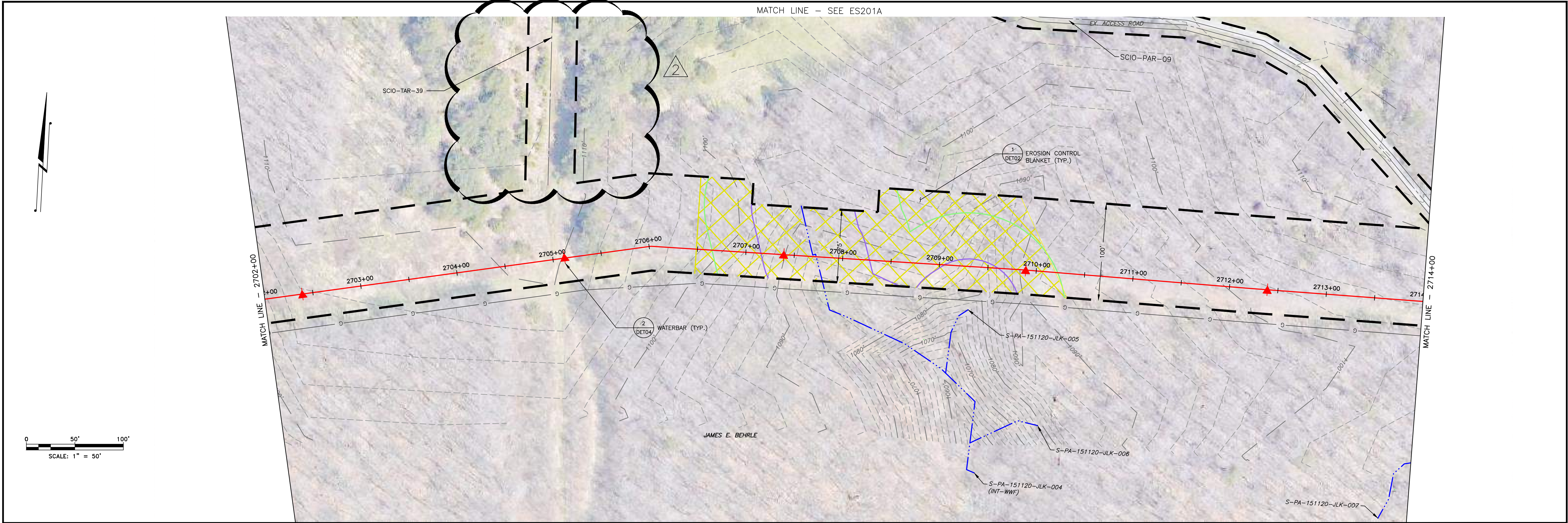


FALCON ETHANE PIPELINE SYSTEM
SCIO TO JUNCTION

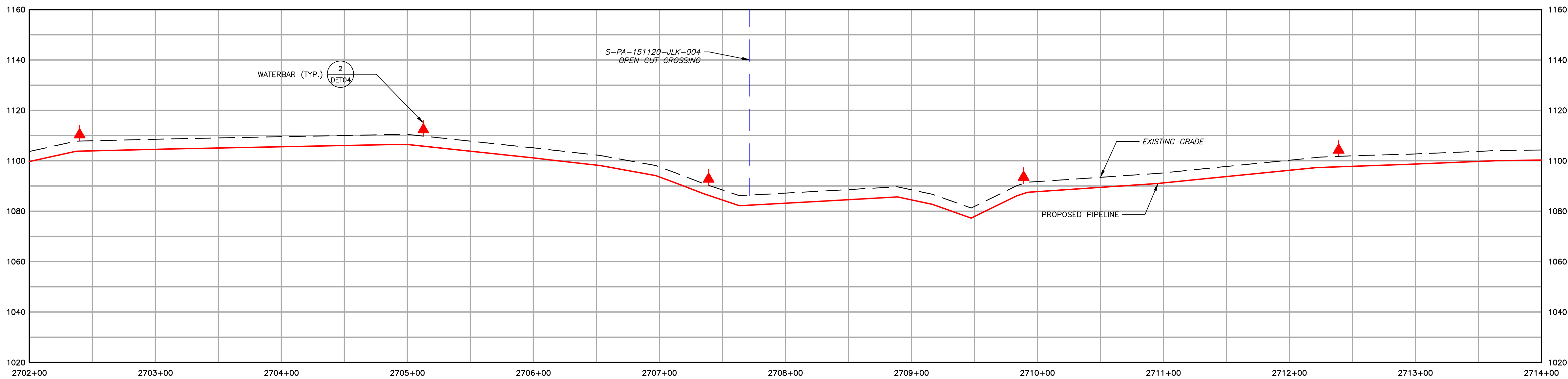
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SCALE		DATE	REVISION	
1"=50'		09/14/17	2	
DRAWN		ARC		

SITE RESTORATION PLAN		PENNSYLVANIA	
SR198A - SCIO-TAR-38			
BEAVER COUNTY			
RACCOON TOWNSHIP			
SPLC-GOM-AE-SD120161			



LAND USE	WOODS	STREAM	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'



- EXISTING CONTOURS (INDEX)
EXISTING CONTOURS (INTERMEDIATE)
EXISTING PROPERTY LINE
EXISTING STREAM
EXISTING WETLAND
SOIL TYPE BOUNDARY AND SOIL BOUNDARY
LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY
TREE/BRUSH LINE
- PROPOSED PIPELINE
PROPOSED LIMIT OF DISTURBANCE
ACCESS ROAD CENTERLINE
PROPOSED WATERBAR
PROPOSED EROSION CONTROL BLANKET
WATERSHED BOUNDARY

GENERAL NOTES:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW
1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
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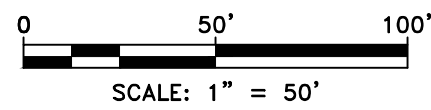


FALCON ETHANE PIPELINE SYSTEM
SCIO TO JUNCTION

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SITE RESTORATION PLAN
SR201 - (STA. 2702+00.00 TO STA. 2714+00.00)
BEAVER COUNTY
RACCOON TOWNSHIP
PENNSYLVANIA

SCALE 1"=50'	DATE 09/14/17	SPLC-GOM-AE-SD120075	REVISION 2
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Filename: \\PROJECTS\\1747\\SHEL\\60488888 - FALCON-SP-00-WORK\\31-ENVIRONMENTAL\\20-SHEETS\\PENNSYLVANIA\\SP-PLANS\\SP-PLAN201A.DWG
Last saved by: LINCOLN SCHAEFER (7/31/2018 10:17 AM) Last Plotted: 2018-07-31 (7/31/2018 11:03 AM)

- | | | | |
|-----------|--|-----------|----------------------------------|
| — 11550 — | EXISTING CONTOURS (INDEX) | — — — — — | PROPOSED PIPELINE |
| - - - - - | EXISTING CONTOURS (INTERMEDIATE) | - - - - - | PROPOSED LIMIT OF DISTURBANCE |
| - - - - - | EXISTING PROPERTY LINE | - - - - - | ACCESS ROAD CENTERLINE |
| - - - - - | EXISTING STREAM | ▲ | PROPOSED WATERBARS |
| ▬ ▬ ▬ | EXISTING WETLAND | ▨ ▨ ▨ | PROPOSED EROSION CONTROL BLANKET |
| MrB2 | SOIL TYPE BOUNDARY AND SOIL BOUNDARY | | |
| MFL | LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY | | |
| ~~~~~ | TREE/BRUSH LINE | | |

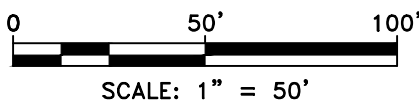
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



FALCON ETHANE PIPELINE SYSTEM	
SCIO TO JUNCTION	
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SITE RESTORATION PLAN	
SR201A - (SCIO-PAR-09 - HOU-TAR-50)	
BEAVER COUNTY	
RACCOON TOWNSHIP	
PENNSYLVANIA	
SCALE	1"=50'
DATE	09/14/17
DRAWN	ARC
REVISION	2



JUNCTION METER STATION
FOR DETAILED GRADING PLAN
AND EQUIPMENT LAYOUT
SEE DWGS
SPLC-GOM-AE-SD111355
SPLC-GOM-AE-SD111356
SPLC-GOM-AE-SD111357
SPLC-GOM-AE-SD111339

FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
SCIO TO JUNCTION		SR202 - (STA. 2714+00.00 TO STA. 2721+55.40)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120076	
			REVISION 2

Filename: Y:\PROJECTS\1747\SH\60489885 - FALCON\900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR_PLAN202.DWG
Last saved by: LINCOLN.SCHAEFER (7/30/2018 4:16 PM) Last Plotted: 2018-07-30 (7/30/2018 5:16 PM)