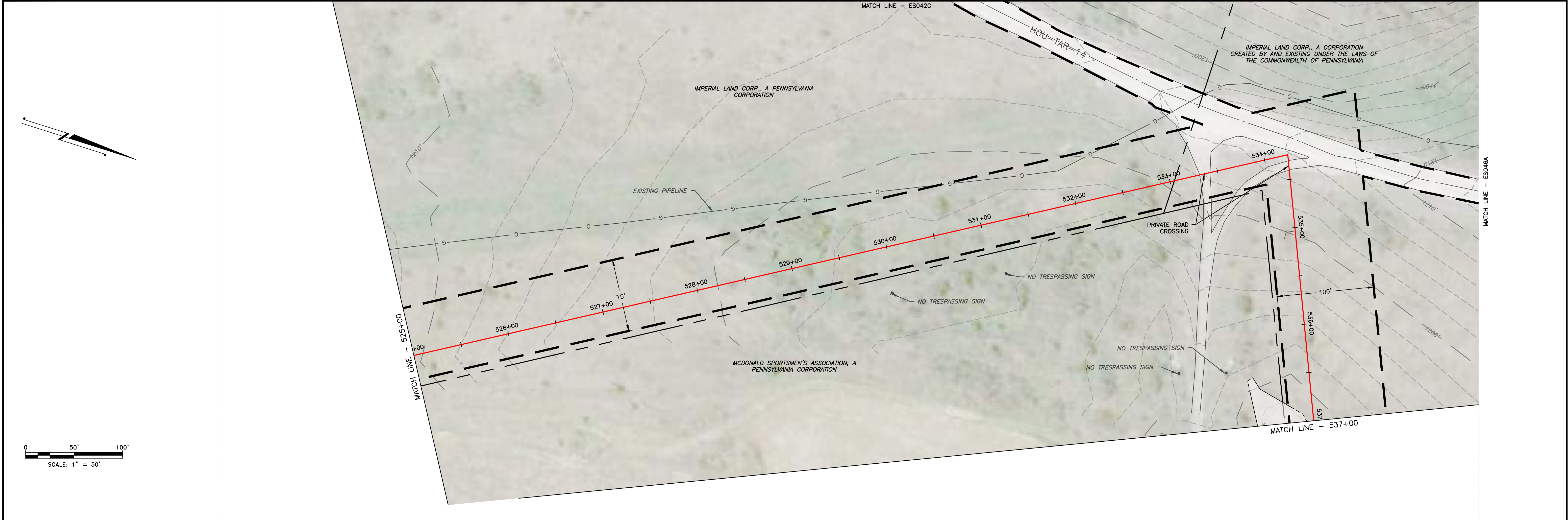
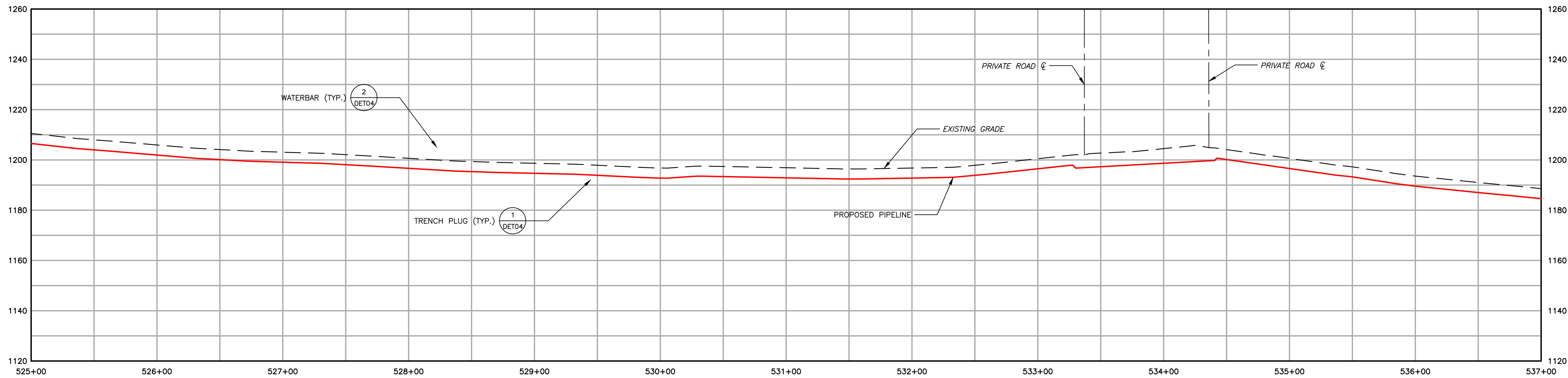




LAND USE	FIELD	RD	FIELD	RD	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'	5'	4'



- Legend:
- 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		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR046 - (STA. 525+00 TO STA. 537+00)	
WASHINGTON COUNTY		PENNSYLVANIA	
ROBINSON TOWNSHIP		SPLC-GOM-AE-SD119920	
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	REVISION	2

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Last saved by: ALEXANDER CURTICE (7/20/2018 4:03 PM) Last Plotted: 2018-07-31 (7/31/2018 10:34 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		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR046A - (HOU-TAR-14)	
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SCALE	1"=50'	DATE	09/14/2017
DRAWN	TLM	SPLC-GOM-AE-SD119798	REVISION 2

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Last saved by: ALEXANDER CURTICE (7/20/2018 4:01 PM) Last Plotted: 2018-07-31 (7/31/2018 10:34 AM)

- 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 WATERBARS
- PROPOSED EROSION CONTROL BLANKET

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
SR046B - (HOU-TAR-14)
WASHINGTON COUNTY
ROBINSON TOWNSHIP
PENNSYLVANIA

SCALE	1"=50'	DATE	09/14/2017	SPLC-GOM-AE-SD119799	REVISION
DRAWN	TLM				2

MATCH LINE - SEE SR046A

MATCH LINE - SEE SR046C

Filename: \\projects\1747\shell\60489885 - FALCON 900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR-PLAN46C.DWG
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- 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 WATERBARS
- PROPOSED EROSION CONTROL BLANKET

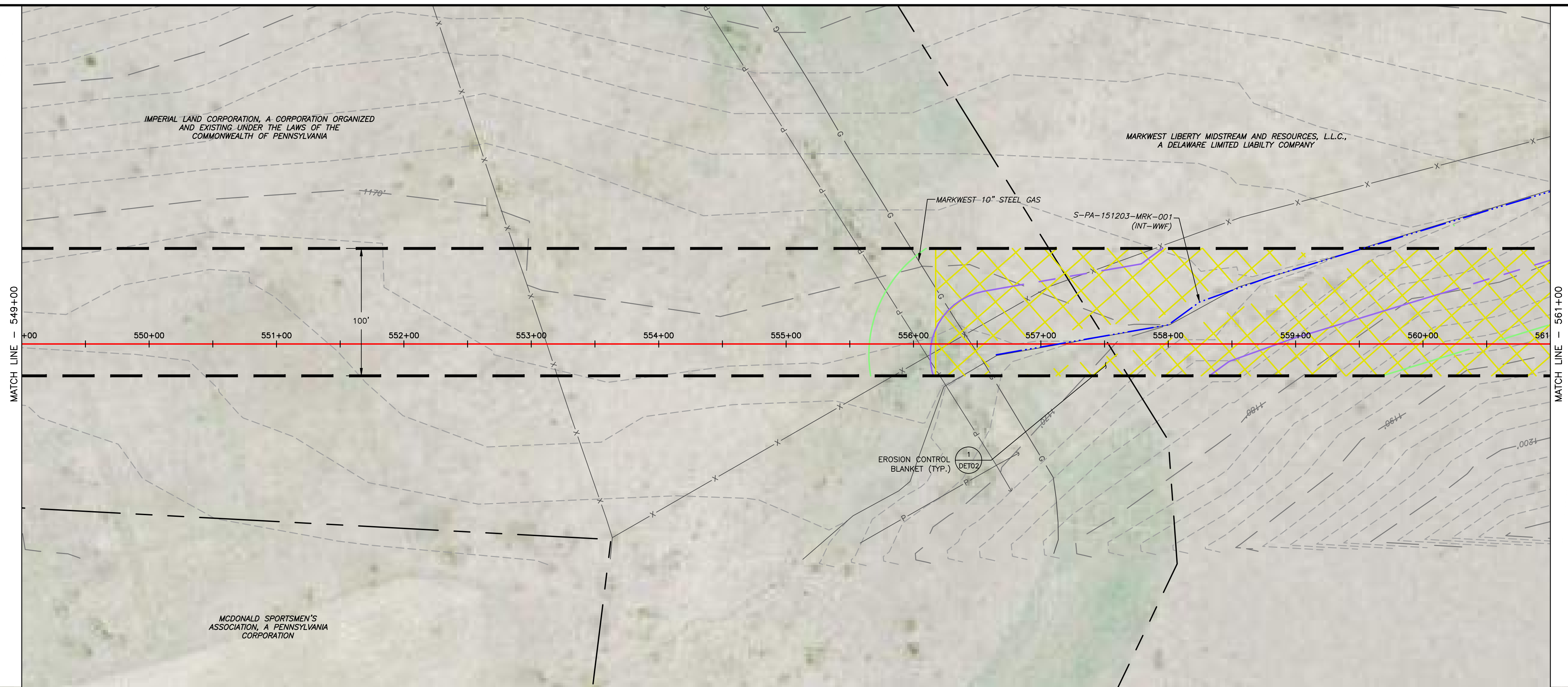
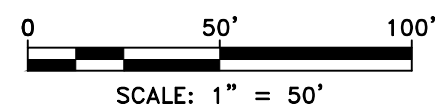
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
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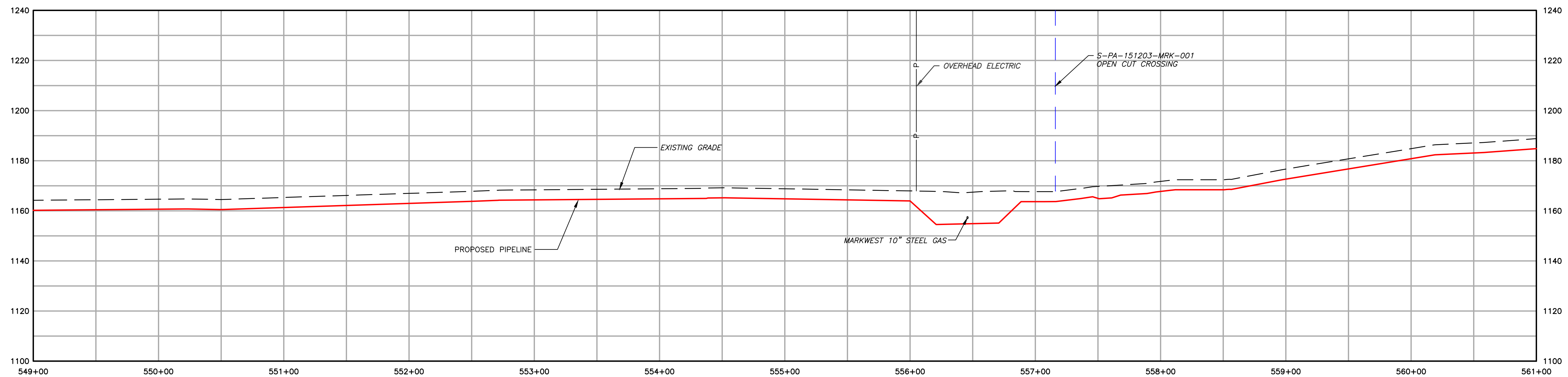


FALCON ETHANE PIPELINE SYSTEM	
HOUSTON TO JUNCTION	
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SITE RESTORATION PLAN		SR046C - (HOU-TAR-14)		PENNSYLVANIA	
WASHINGTON COUNTY		ROBINSON TOWNSHIP			
SCALE	1"=50'	DATE	09/14/2017	SPLC-GOM-AE-SD119800	REVISION 2
DRAWN	TLM				



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



Legend:

- 1550 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:

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

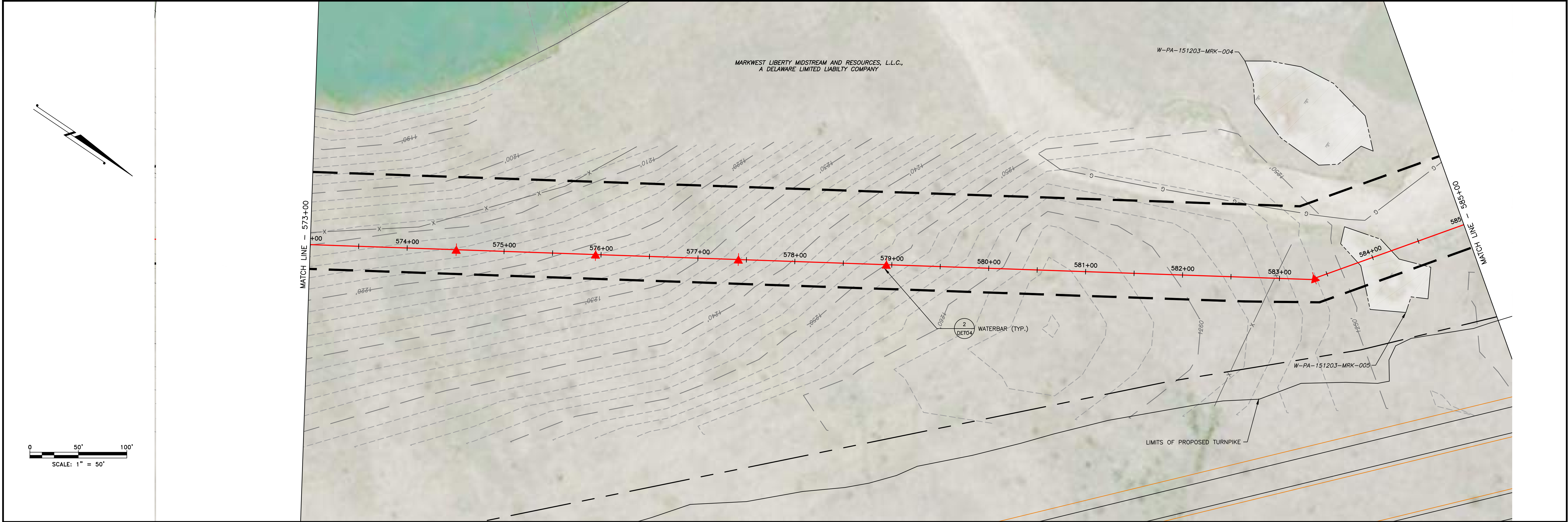


FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

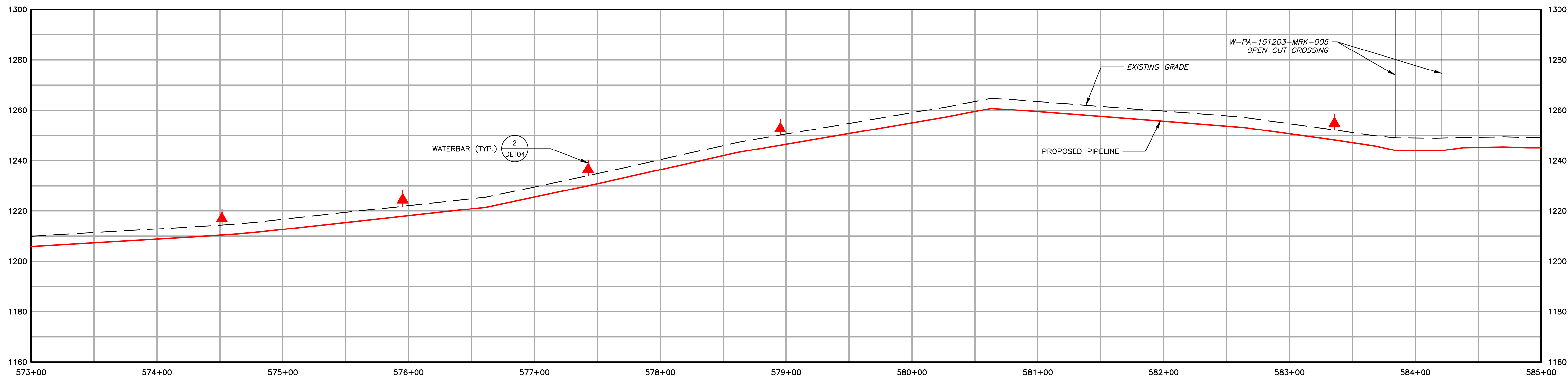
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SITE RESTORATION PLAN SR048 - (STA. 549+00 TO STA. 561+00) WASHINGTON COUNTY ROBINSON TOWNSHIP	PENNSYLVANIA
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SCALE	1"=50'	DATE	SPLC-GOM-AE-SD119922	REVISION 2
DRAWN	ARC	09/14/17		



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



- 1550' 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

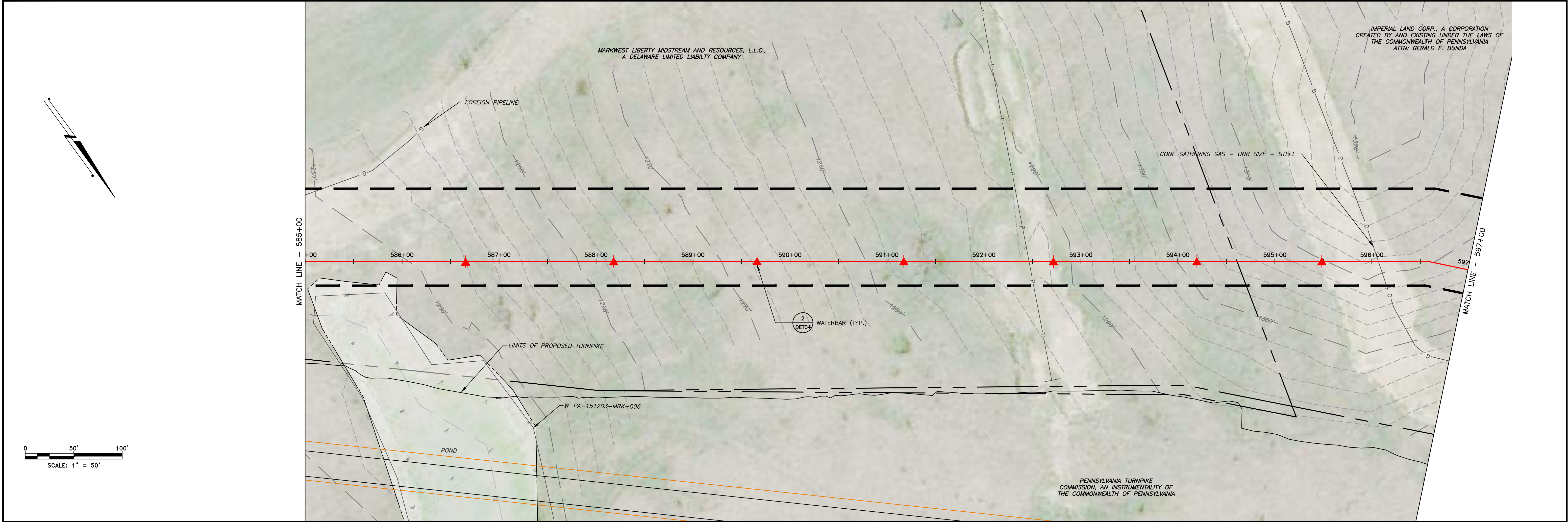


FALCON ETHANE PIPELINE SYSTEM

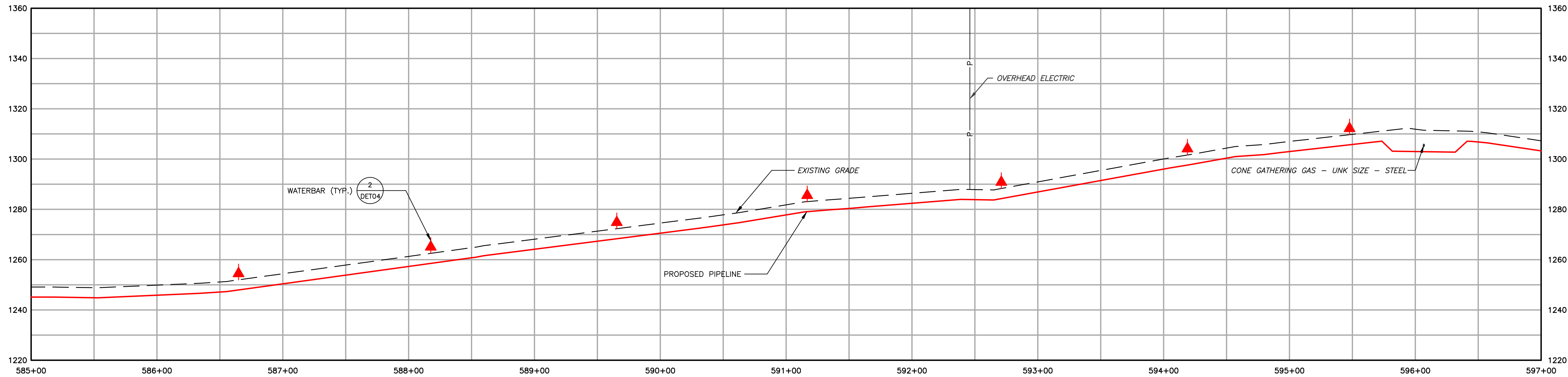
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN		SR050 - (STA. 573+00 TO STA. 585+00)	
WASHINGTON COUNTY		PENNSYLVANIA	
ROBINSON TOWNSHIP			
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD119924	REVISION 2



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



- 1550' 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

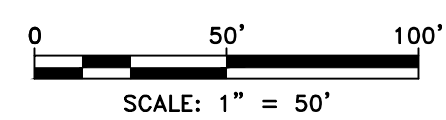
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN		SR051 - (STA. 585+00 TO STA. 597+00)	
WASHINGTON COUNTY		PENNSYLVANIA	
ROBINSON TOWNSHIP			
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD119925	REVISION 2

~~HOU-TAR-16~~

MATCH LINE - SEE SR052



	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:

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
REV	DATE	DESCRIPTION OF REVISION		CHK	APP



FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

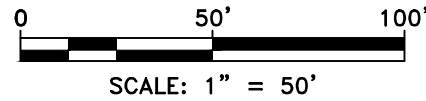
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SITE RESTORATION PLAN SR052A - (HOU-TAR-16) WASHINGTON COUNTY PENNSYLVANIA ROBINSON TOWNSHIP
--

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD120124	REVISION
DRAWN	ARC	09/14/17		2

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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
HOUSTON TO JUNCTION

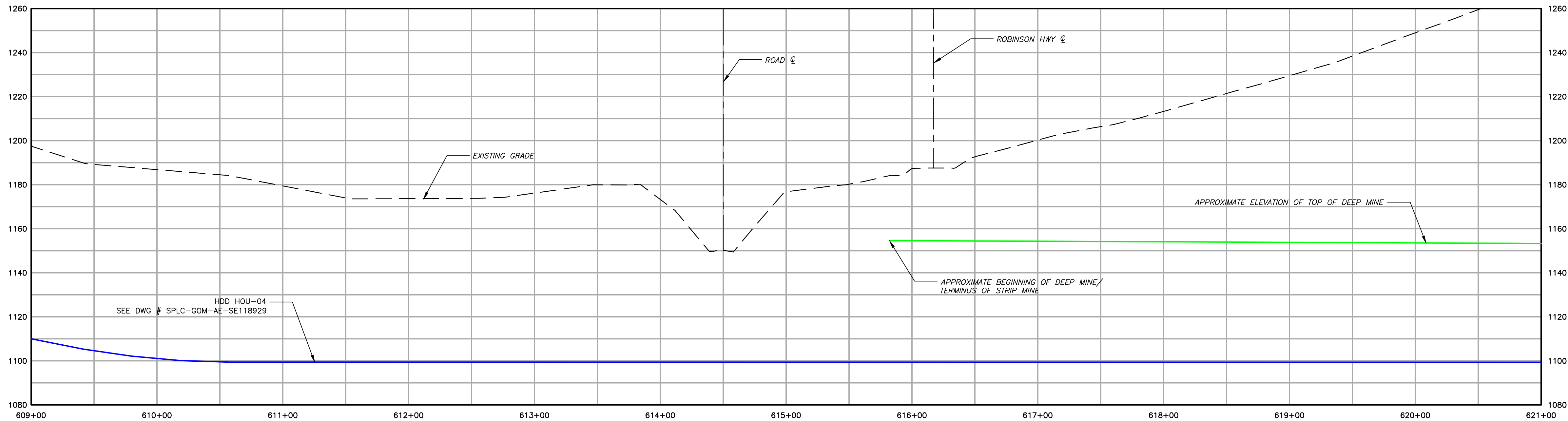
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SITE RESTORATION PLAN
SR052B - (HOU-TAR-16)
WASHINGTON COUNTY
ROBINSON TOWNSHIP
PENNSYLVANIA

SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD120125	REVISION
DRAWN	ARC				2



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



1550

EXISTING CONTOURS (INDEX)

EXISTING CONTOURS (INTERMEDIATE)

EXISTING PROPERTY LINE

EXISTING STREAM

EXISTING WETLAND

MrB2

SOIL TYPE BOUNDARY AND SOIL BOUNDARY

MFL

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:

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

COMMONWEALTH OF PENNSYLVANIA

REGISTERED PROFESSIONAL

BRANDON M. WALKER

ENGINEER

PE-077056

FALCON ETHANE PIPELINE SYSTEM	
HOUSTON TO JUNCTION	
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SITE RESTORATION PLAN	
SR053 - (STA. 609+00 TO STA. 621+00)	
WASHINGTON COUNTY	
ROBINSON TOWNSHIP	
SCALE 1"=50'	DATE 09/14/17
DRAWN ARC	SPLC-GOM-AE-SD119927
REVISION 2	

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- 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 WATERBARS
- PROPOSED EROSION CONTROL BLANKET

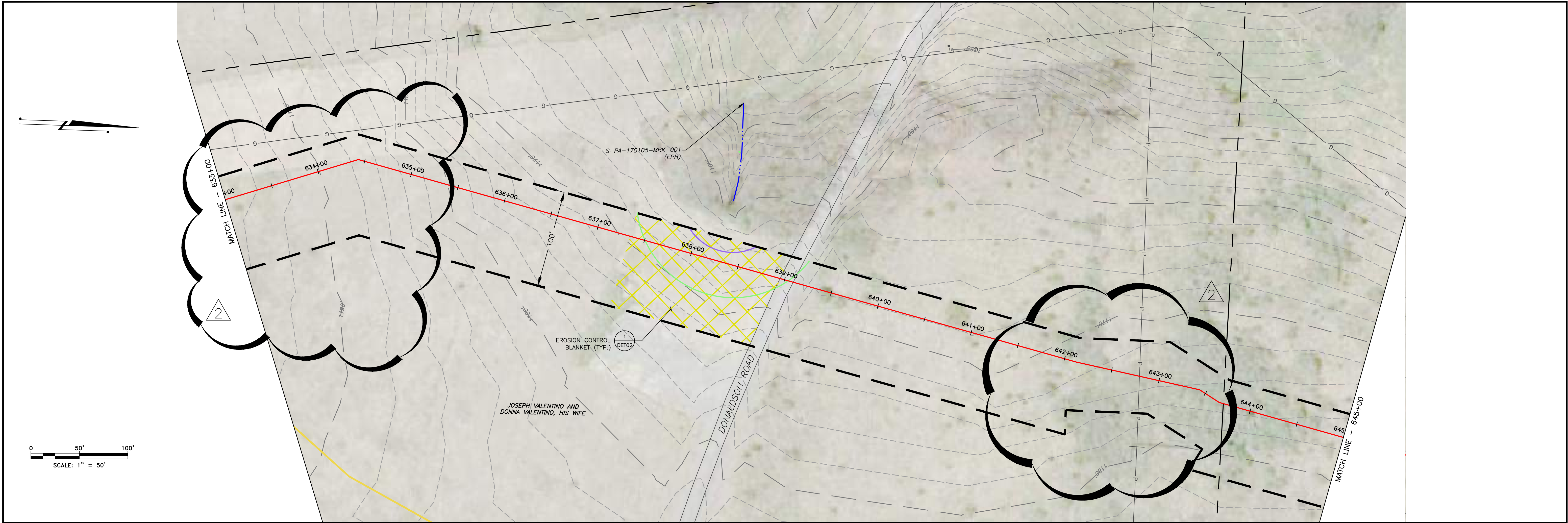
GENERAL NOTES:

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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
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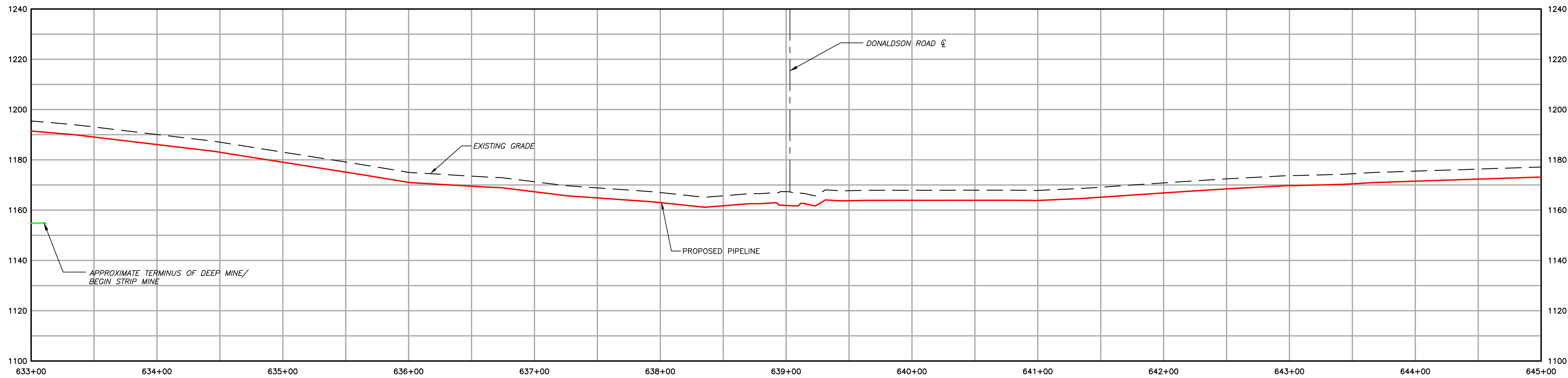


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR054A - (HOU-04-04)	
WASHINGTON COUNTY		ROBINSON TOWNSHIP	
PENNSYLVANIA		PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/2017
DRAWN	ARC	SPLC-GOM-AE-SD119338	REVISION 2

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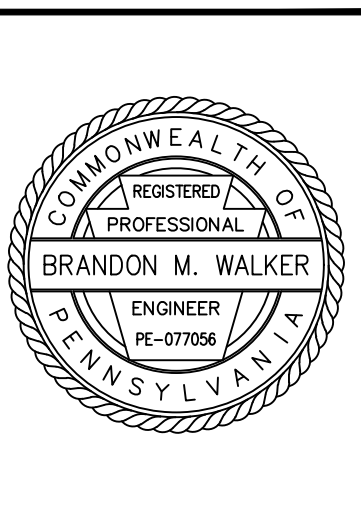


LAND USE	FIELD	ROAD	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'



— 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:					
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	

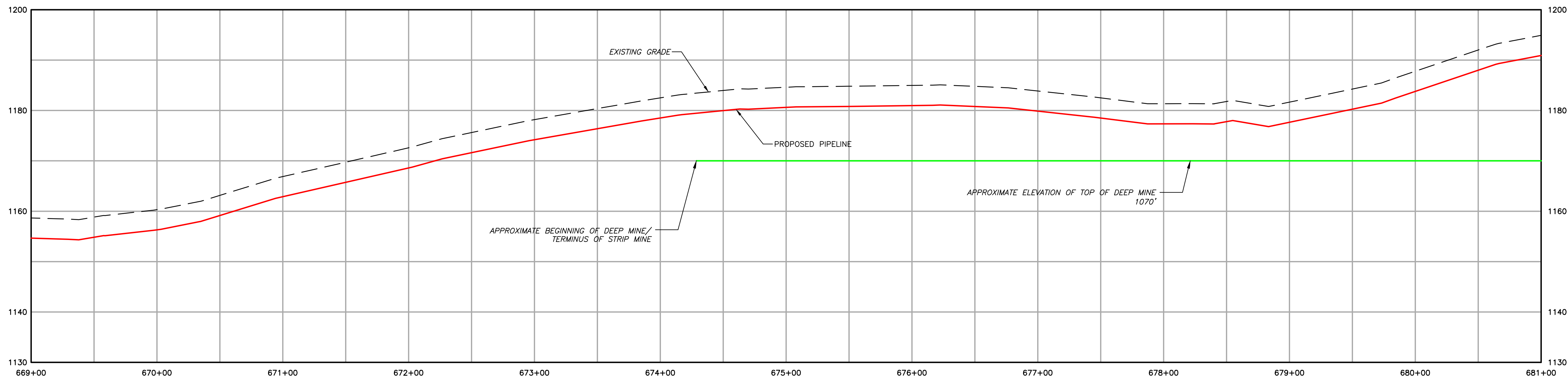


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR055 - (STA. 633+00 TO STA. 645+00)	
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SCALE 1"=50'	DATE 09/14/17	SPLC-GOM-AE-SD119929	REVISION 2

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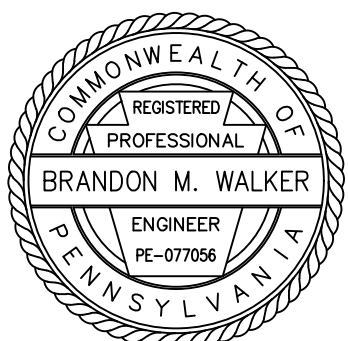


LAND USE	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'



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	

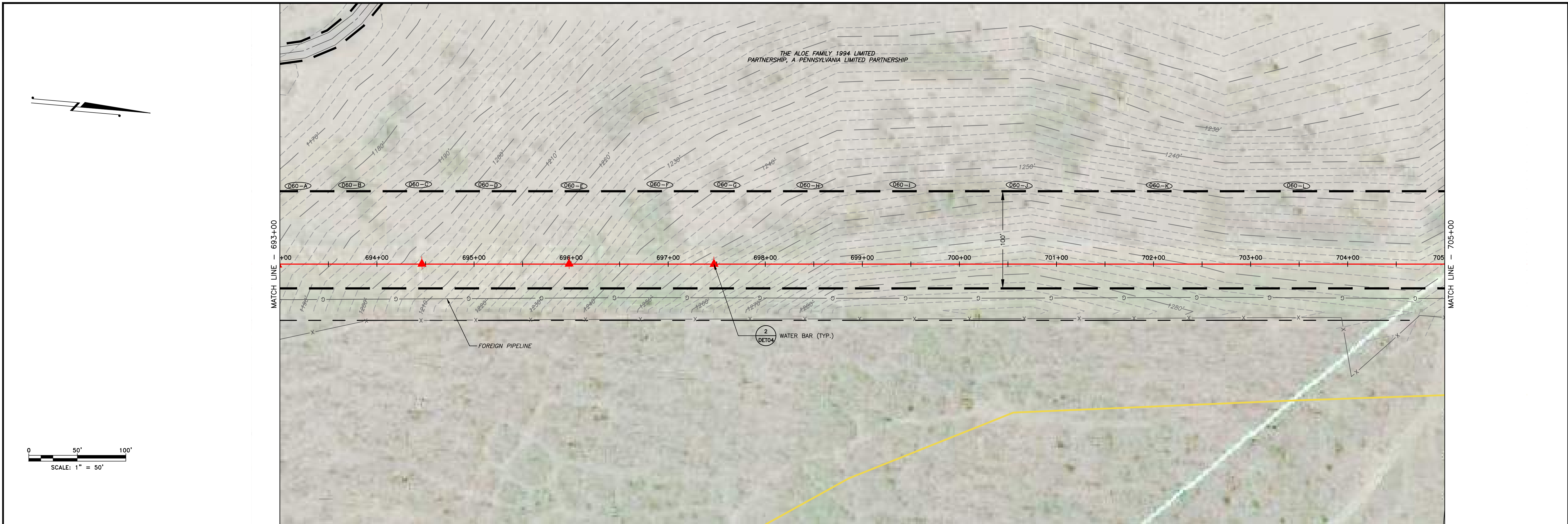
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REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	



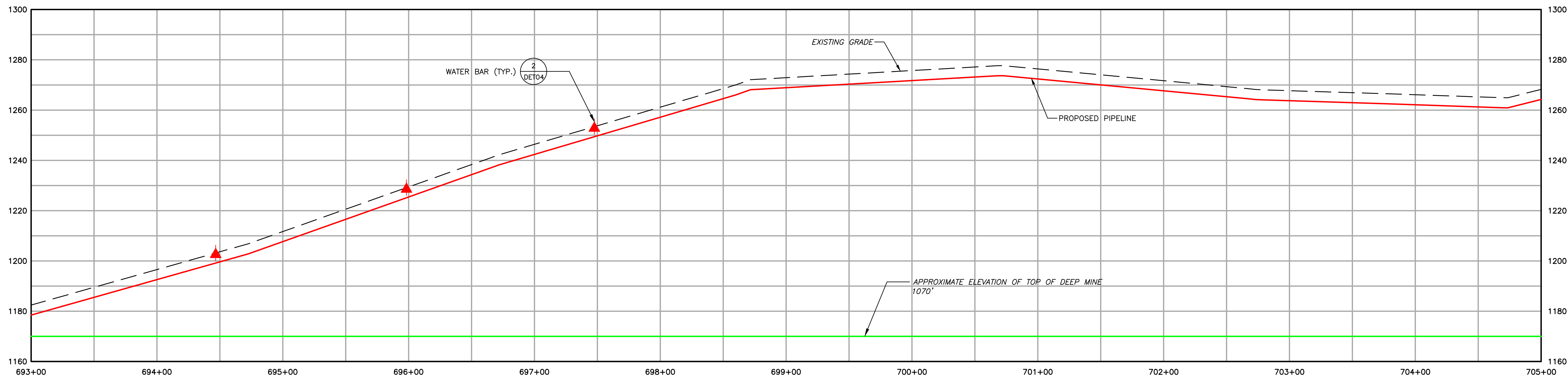
FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR058 - (STA. 669+00 TO STA. 681+00)	
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SCALE 1"=50'	DATE 09/14/17	SPLC-GOM-AE-SD119932	REVISION 2

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Last saved by: ALEXANDER.CURTICE (7/30/2018 2:27 PM) Last Plotted: 2018-07-30 (7/30/2018 5:37 PM)



LAND USE	FIELD
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:

REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
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1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
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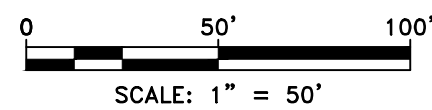
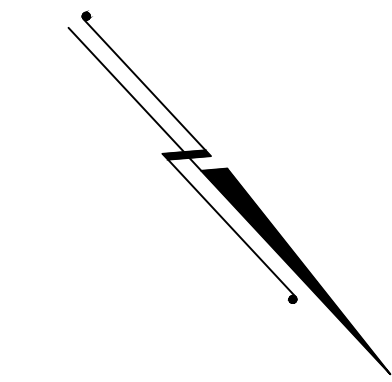


FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN SR060 - (STA. 693+00 TO STA. 705+00) WASHINGTON COUNTY ROBINSON AND NORTH FAYETTE TOWNSHIP PENNSYLVANIA		SCALE 1"=50'	DATE 09/14/17	SPLC-GOM-AE-SD119934	REVISION 2
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Last saved by: LINCOLN SCHAEFER (7/21/2018 2:10 PM) Last Plotted: 2018-07-31 (7/21/2018 2:10 PM)



- | | | | |
|--|--|--|----------------------------------|
| | 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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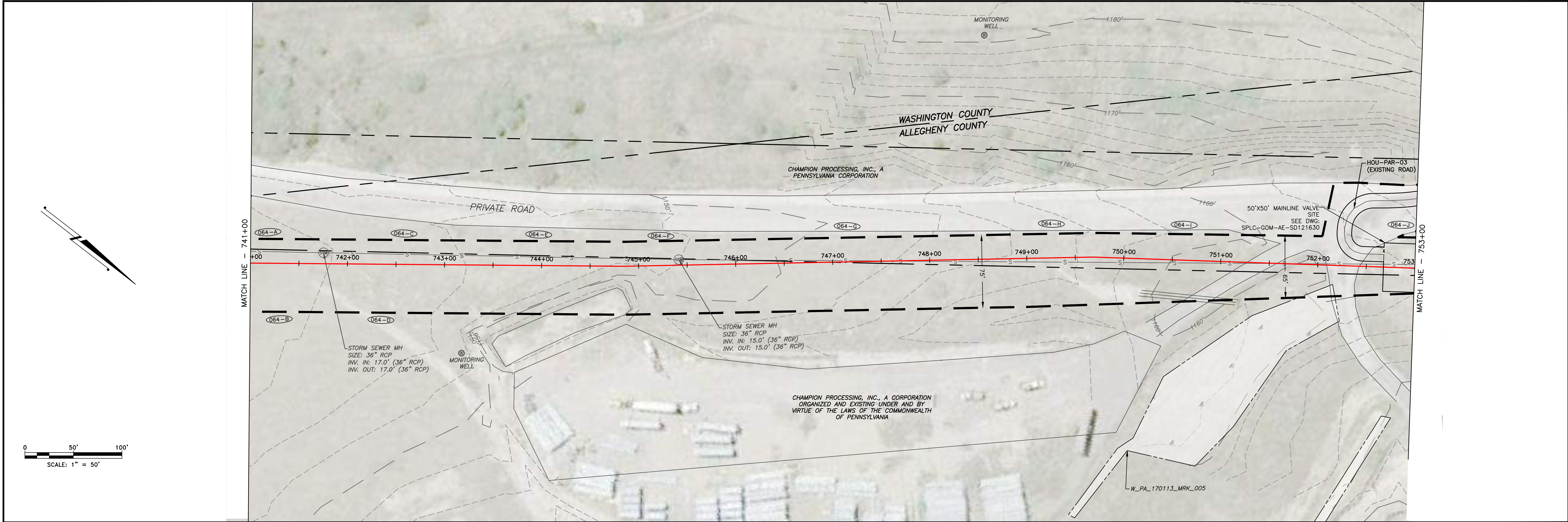
FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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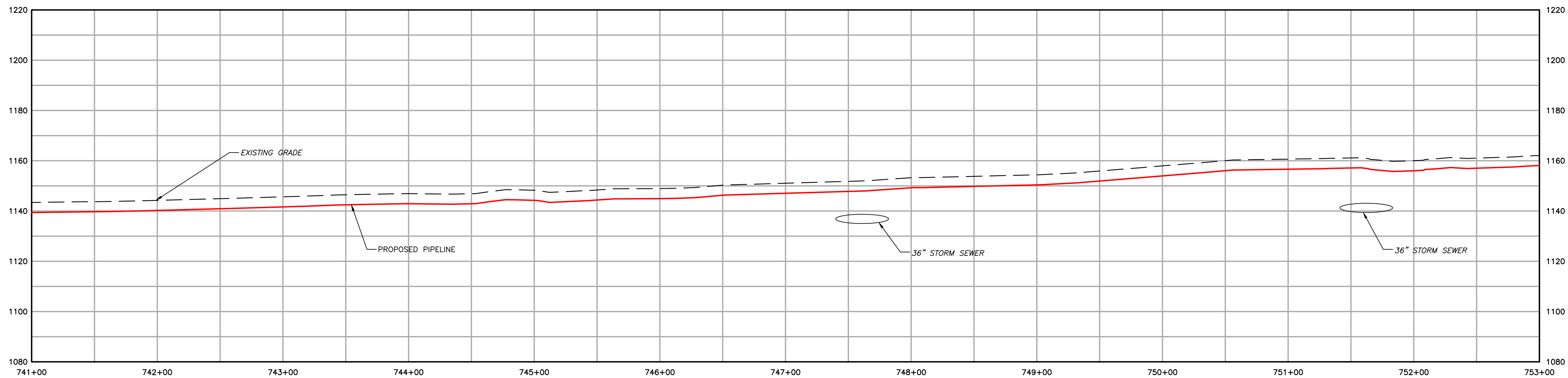
SITE RESTORATION PLAN
ES061B - (HOU-TAR-17)
WASHINGTON AND ALLEGHENY AND ALLEGHENY COUNTY
ROBINSON AND NORTH FAYETTE TOWNSHIP PENNSYLVANIA

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

SPLC-GOM-AE-SD120127

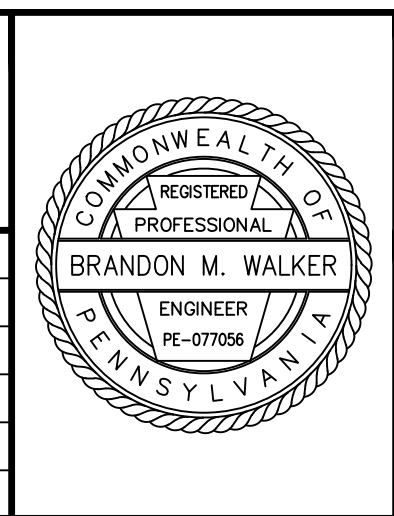


LAND USE	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'



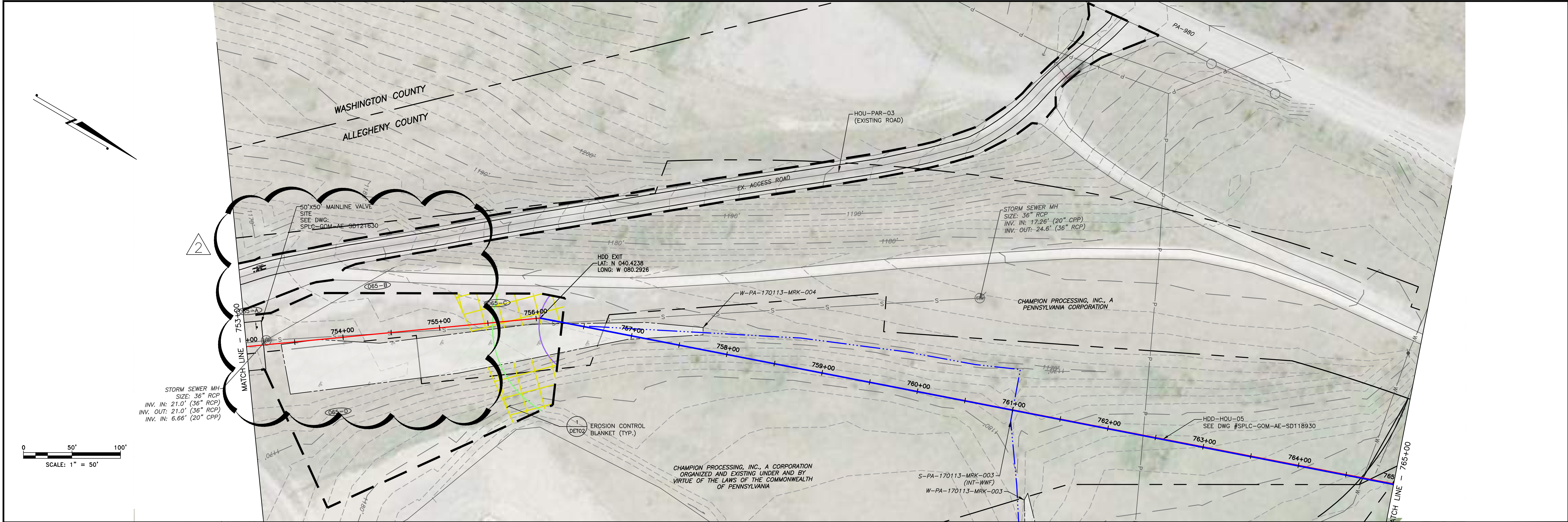
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	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY
	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY		
	TREE/BRUSH LINE		

GENERAL NOTES:					
2	08/01/18	REVISED PER CCD/DEP REVIEW	ARG	BMW	
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REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	

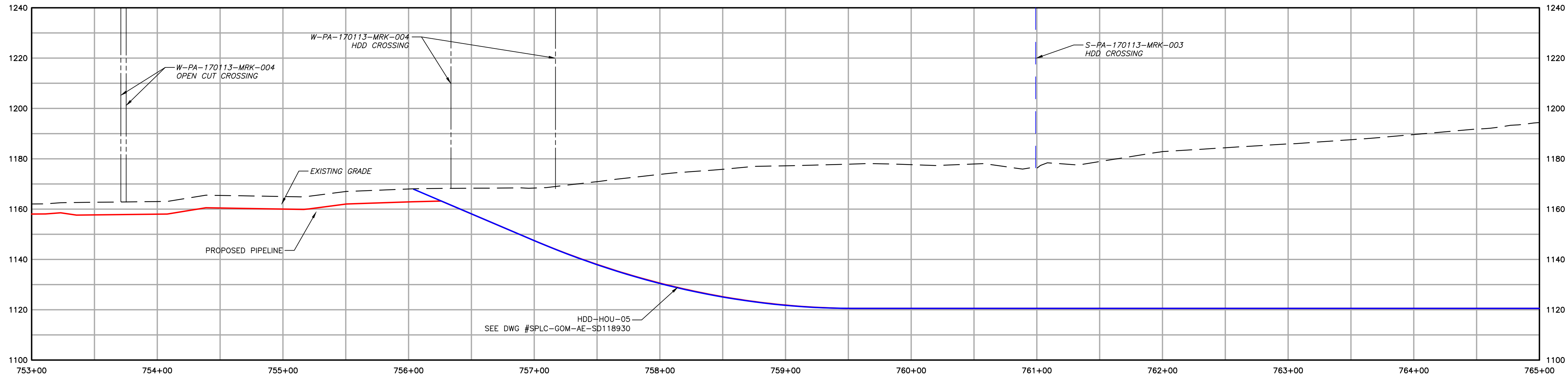


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR064 - (STA. 741+00 TO STA. 753+00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC		
		SPLC-GOM-AE-SD119938	REVISION 2

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Last saved by: ALEXANDER CURTIS (7/20/2018 2:27 PM) Last Plotted: 2018-07-30 (7/20/2018 9:51 PM)

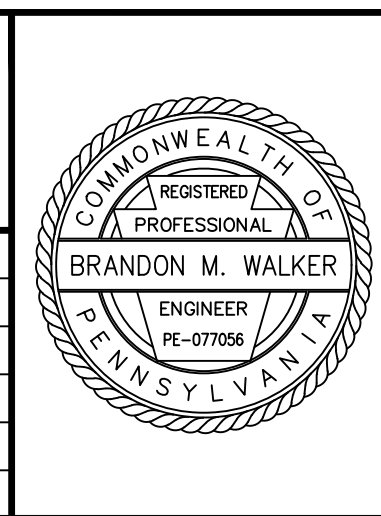


LAND USE	FIELD	WETLAND	FIELD	WETLAND	FIELD	STREAM	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'	5'	4'	5'	4'

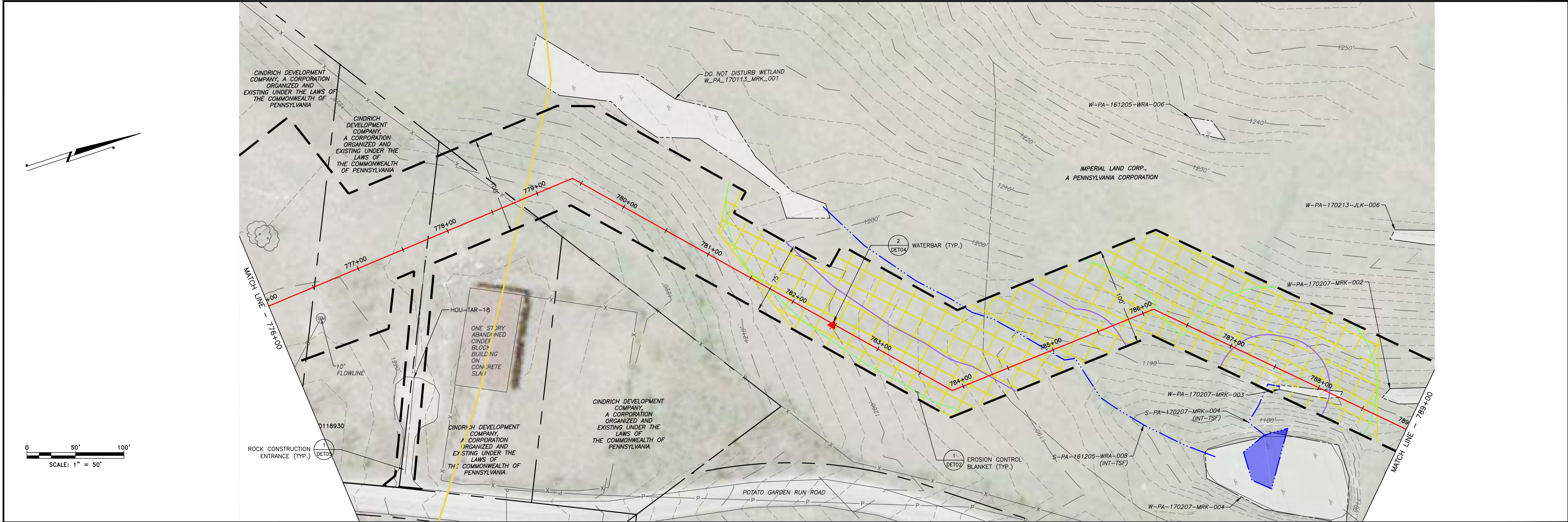


	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE
	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED BOUNDARY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

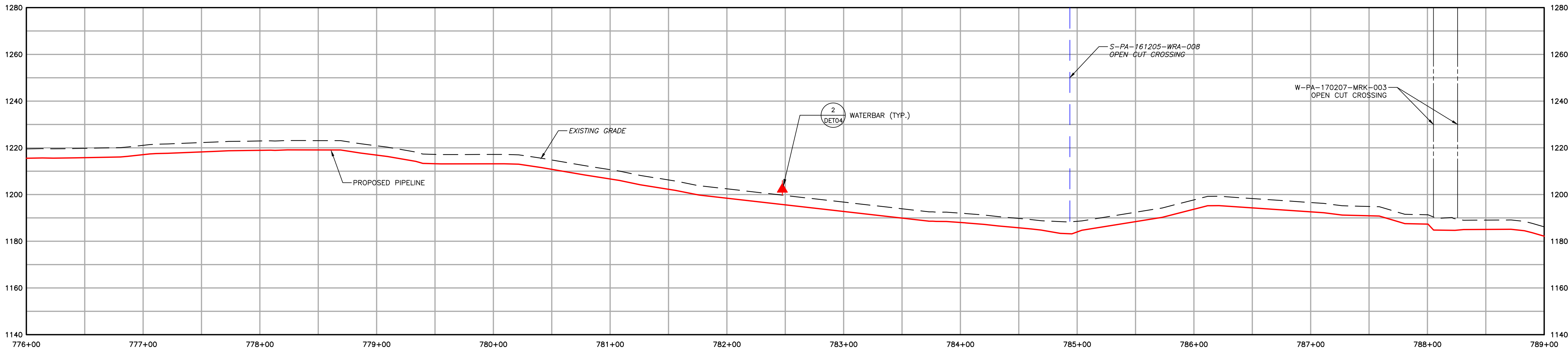
GENERAL NOTES:				
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0	09/14/17	ISSUED FOR PERMIT	BMW	JWR
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR065 - (STA. 753+00 TO STA. 765+00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	REVISION	2

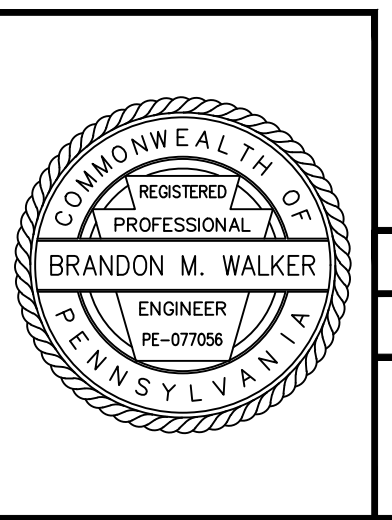


LAND USE	FIELD	WOODS	FIELD	STREAM	FIELD	WETLAND
MIN DEPTH OF COVER (TO TOP OF PIPE)			4'	5'	4'	5'



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

HOUSTON TO JUNCTION

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SITE RESTORATION PLAN

SR067 - (STA. 776+00 TO STA. 789+00)

ALLEGHENY COUNTY

FINDLAY TOWNSHIP

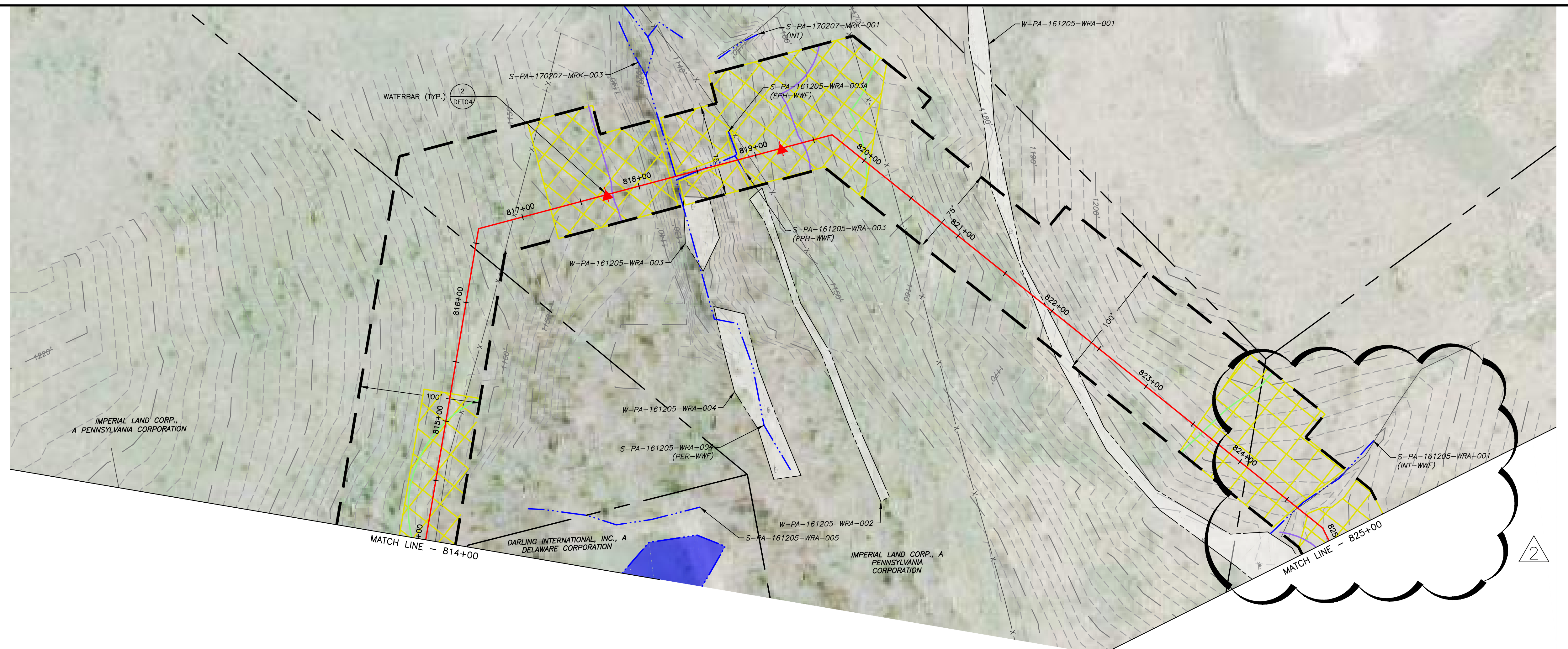
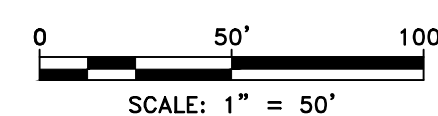
SCALE 1"=50'

DATE 09/14/17

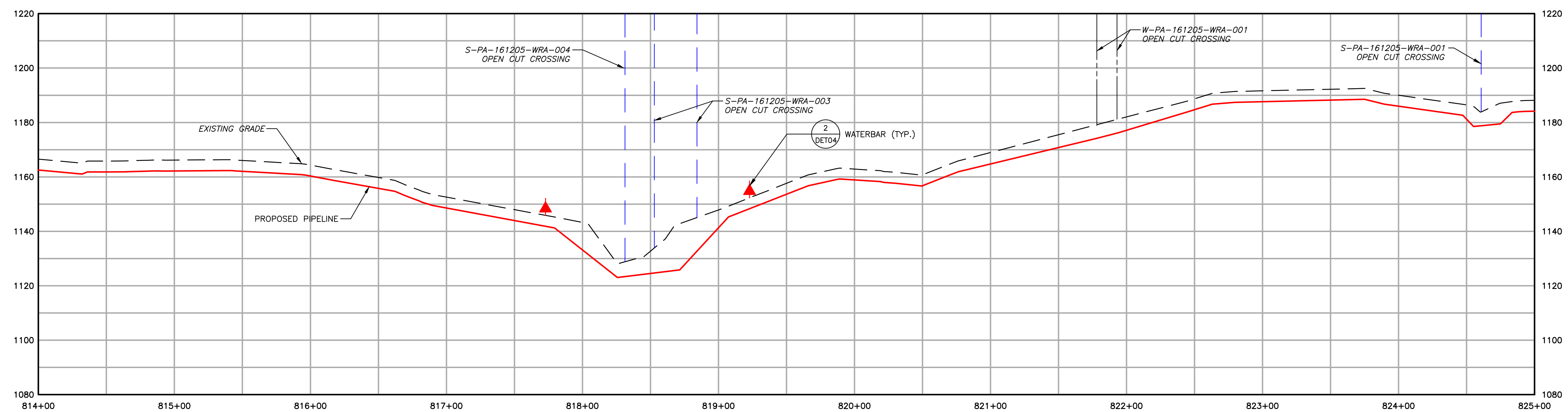
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REVISION 2

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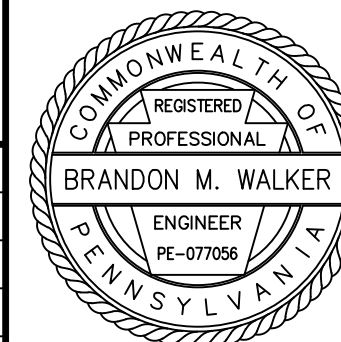
LAND USE	FIELD	WOODS	FIELD	WOODS	STREAM	WOODS	WOODS	STREAM	WOODS	WETLAND	FIELD	STREAM	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)		4'			5'	4'	5'	5'	4'	5'	4'	5'	4'



	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
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REV	DATE	DESCRIPTION OF REVISION		CHK	APP



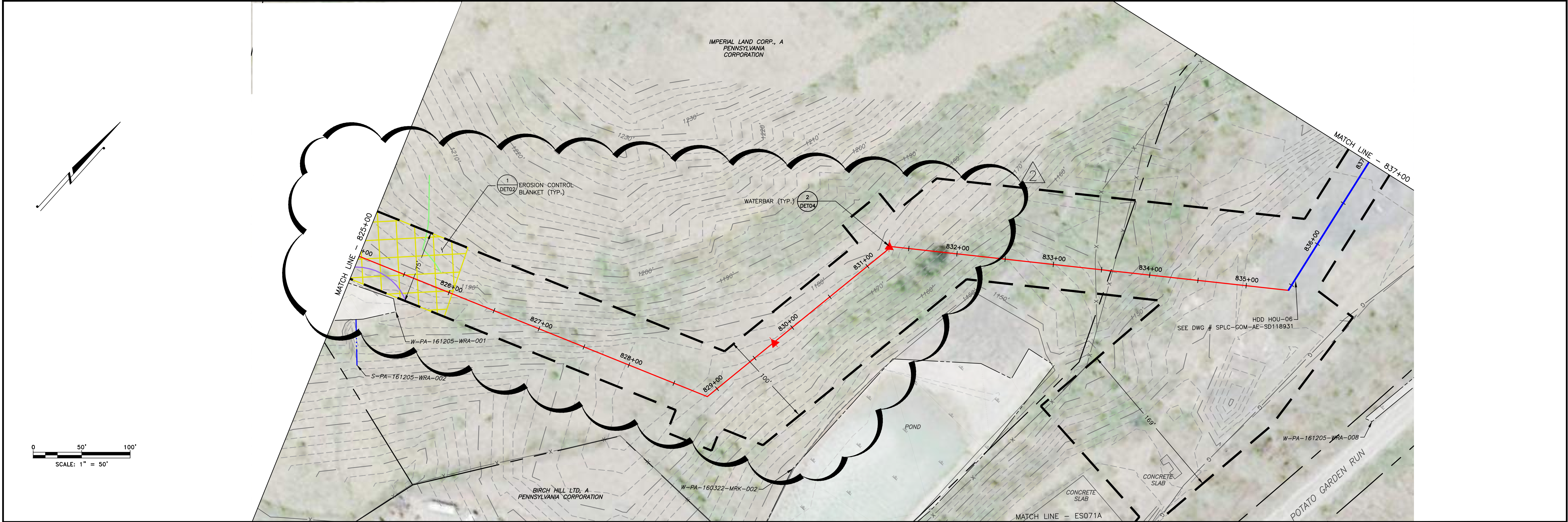
FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

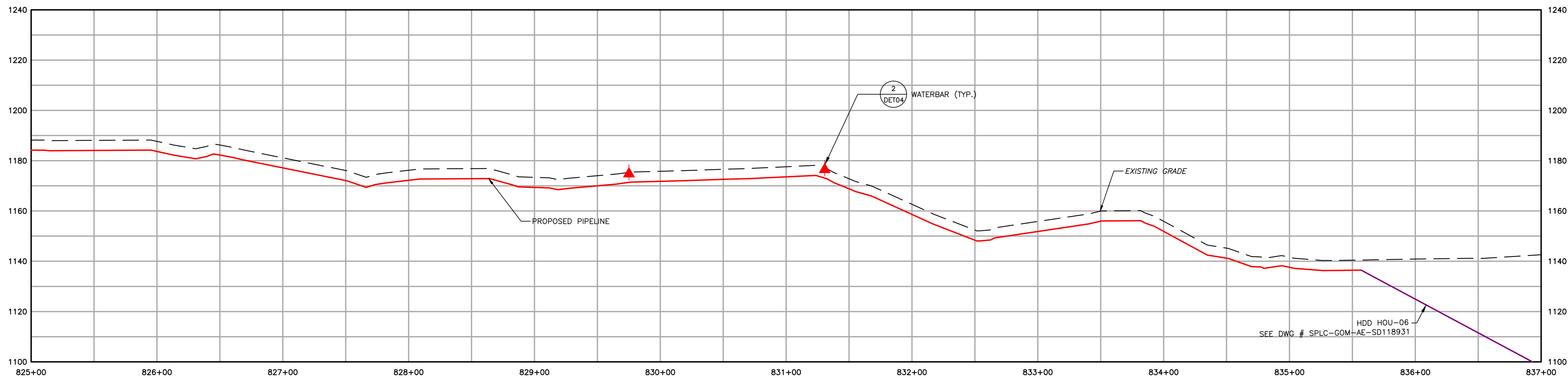
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SITE RESTORATION PLAN SR070 - (STA. 814+00 TO STA. 825+00)	ALLEGHENY COUNTY FINDLAY TOWNSHIP
---	--------------------------------------

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD119944	REVISION 2
DRAWN	ARC	09/14/17		



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

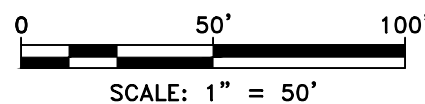
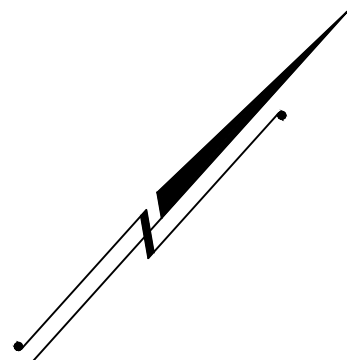


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0	09/14/17	ISSUED FOR PERMIT	BMW	JWR	
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR071 - (STA. 825+00 TO STA. 837+00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD119945	REVISION 2

Filename: \\projects\1747\shells\6048885 - FALCON ETHANE PIPELINE SYSTEM\SP-PLANS\SP-PLAN071.DWG
Last saved by: ALEXANDER.CURTICE (7/30/2018 3:28 PM) Last Plotted: 2018-07-31 (7/31/2018 8:49 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:

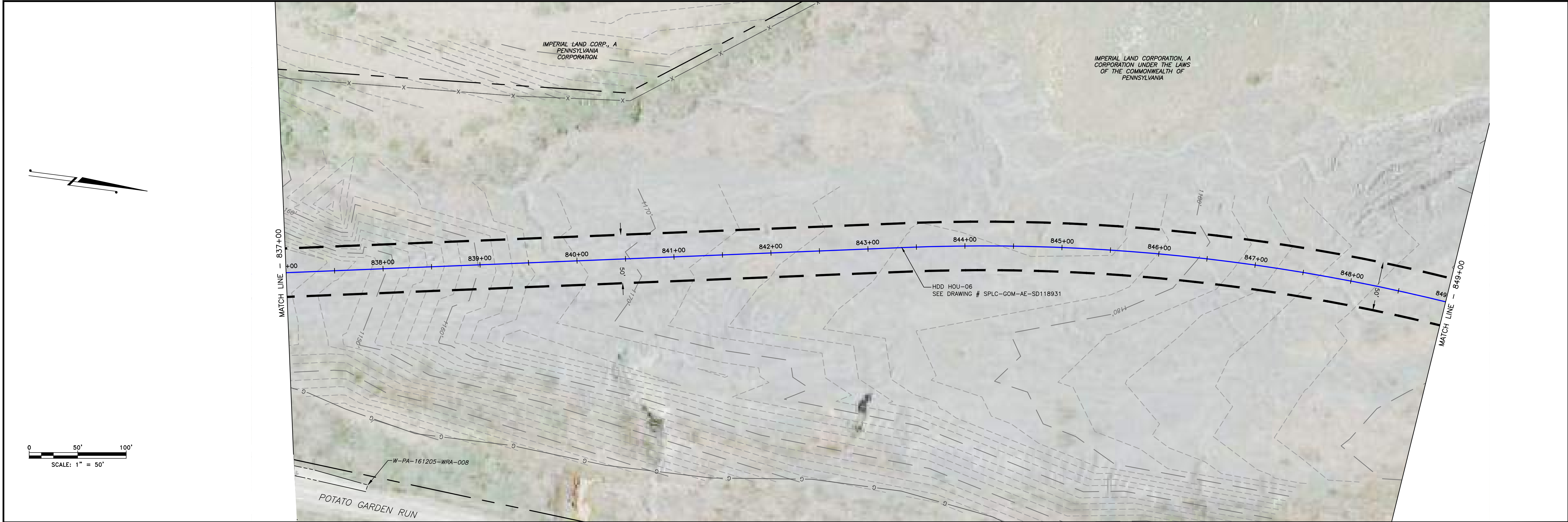
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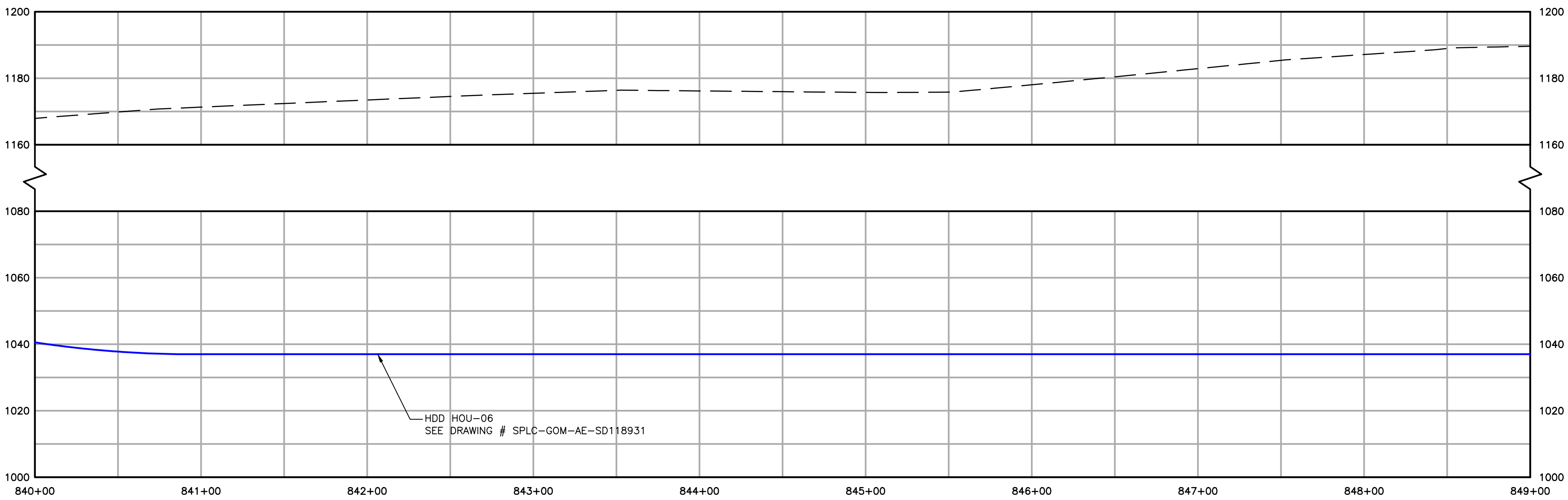
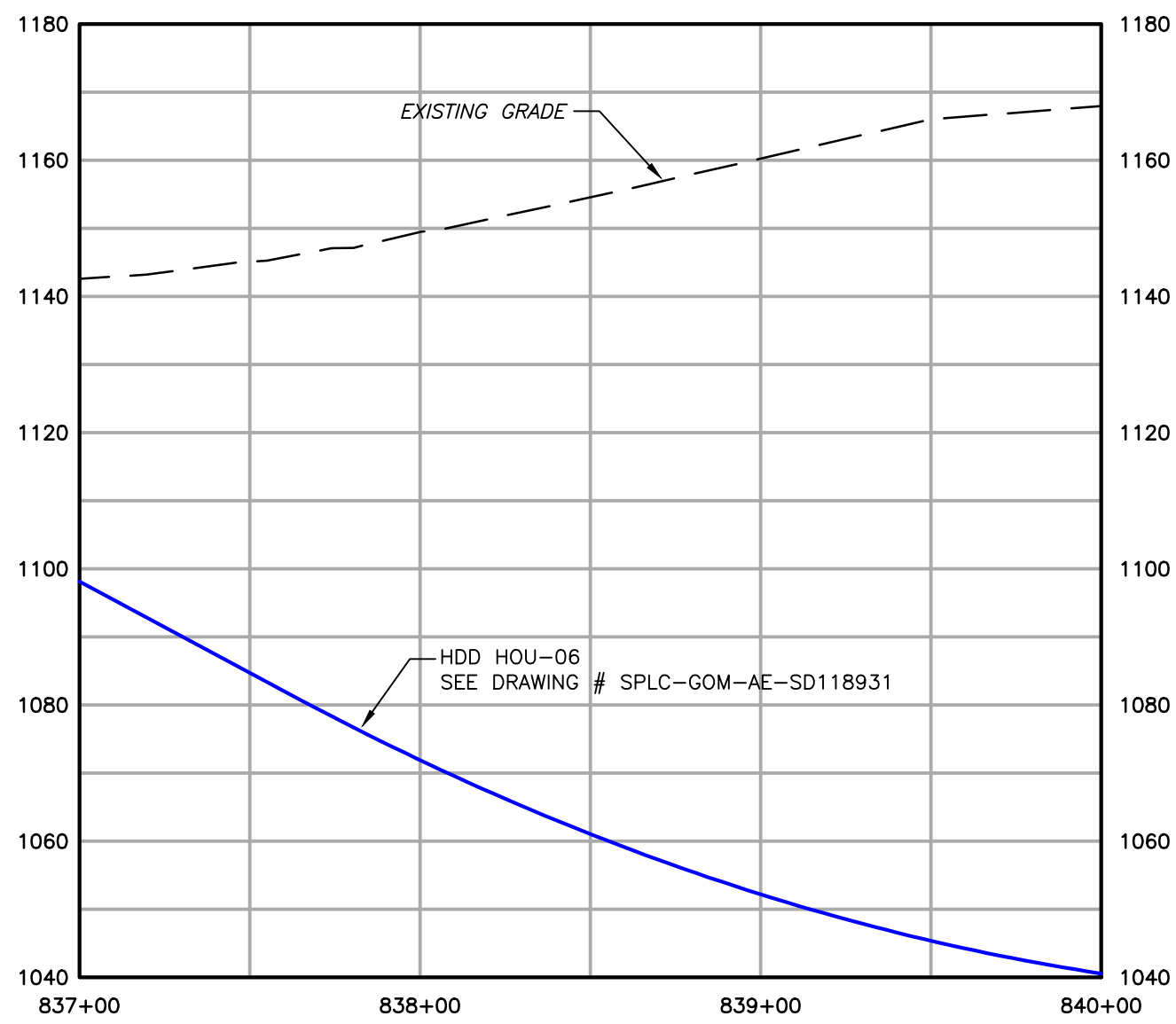
FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN SR071A - (HOU-TAR-20)		PENNSYLVANIA	
ALLEGHENY COUNTY FINDLAY TOWNSHIP			
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120128	REVISION 2

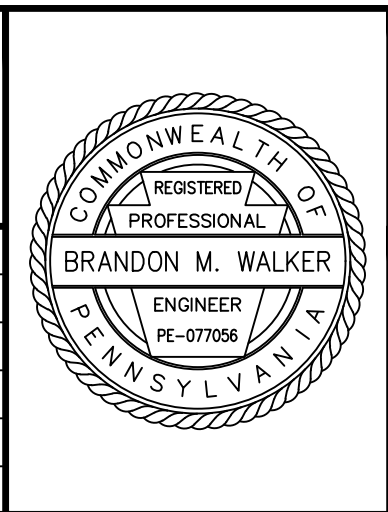


LAND USE	FIELD			FIELD	
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'			4'	



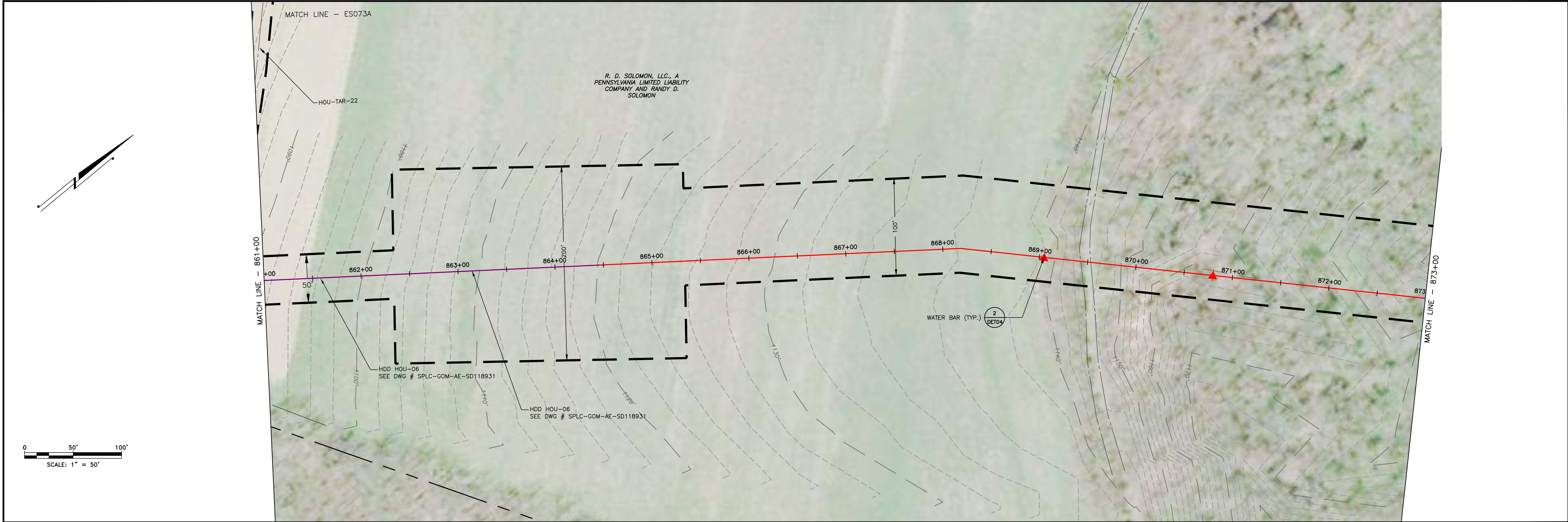
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	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED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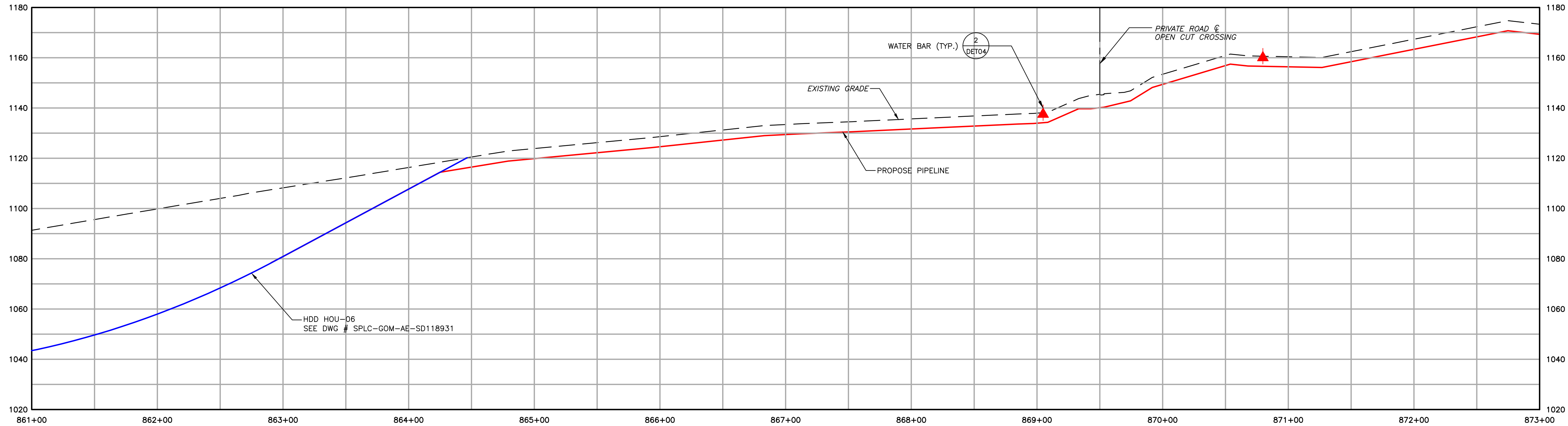


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR072 - (STA. 837+00 TO STA. 849+00)	
		ALLEGHENY COUNTY	
		FINDLAY TOWNSHIP	
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Last saved by: ALEXANDER CURTIS (7/20/2018 3:26 PM) Last Plotted: 2018-07-30 (7/20/2018 8:00 PM)



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

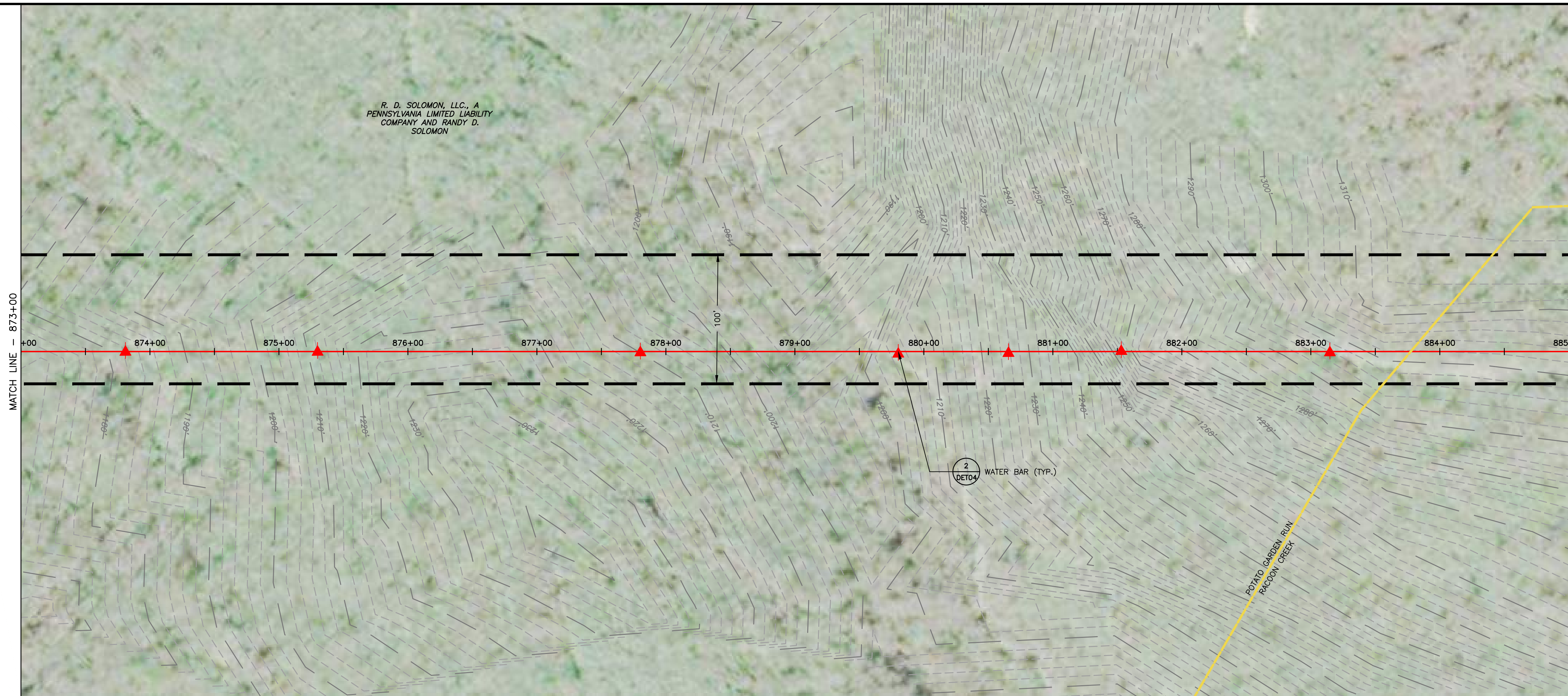
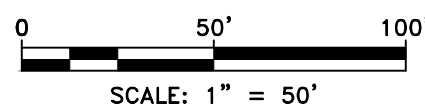
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1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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.

SITE RESTORATION PLAN SR074 - (STA. 861+00 TO STA. 873+00) ALLEGHENY COUNTY FINDLAY TOWNSHIP		SPLC-GOM-AE-SD119948		REVISION 2
SCALE 1"=50'	DATE 09/14/17			



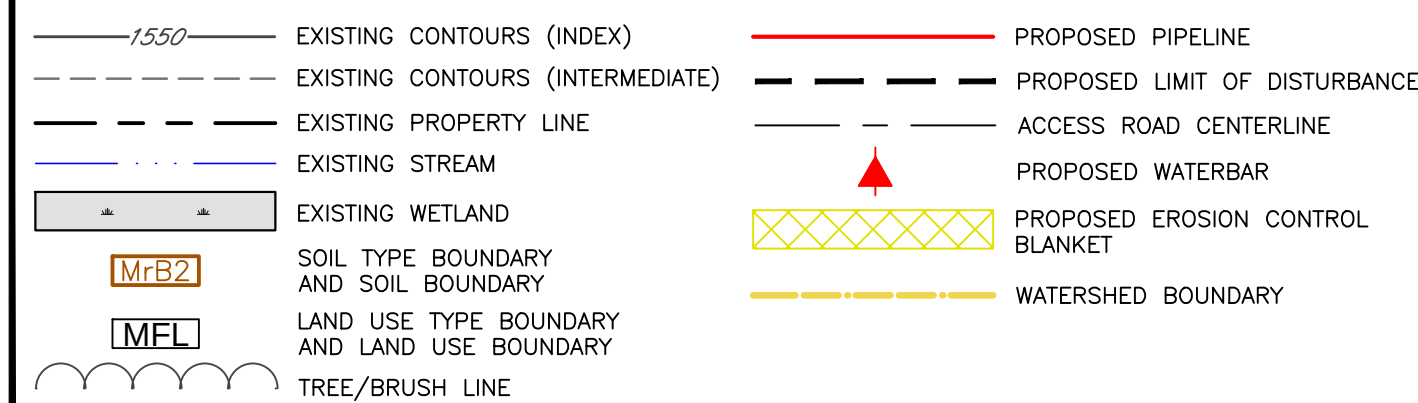
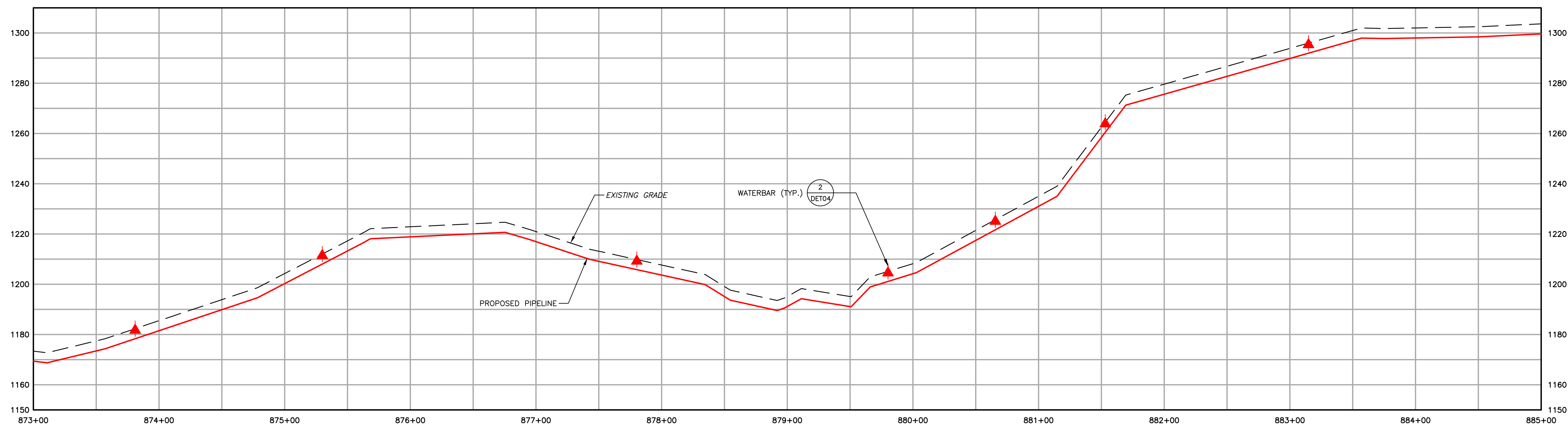
R. D. SOLOMON, LLC., A
PENNSYLVANIA LIMITED LIABILITY
COMPANY AND RANDY D.
SOLOMON

2 WATER BAR (TYP.

POTATO GARDEN RUN
RACCOON CREEK

LAND USE
MIN DEPTH OF COVER (TO TOP OF PIPE)

WOODS
4'



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

HOUSTON TO JUNCTION

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SITE RESTORATION PLAN
SR075 - (STA. 873+00 TO STA. 885+00)
ALLEGHENY COUNTY PENNSYLVANIA
FINDLAY TOWNSHIP

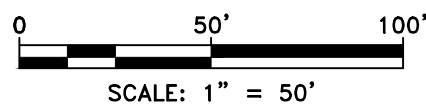
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DRAWN	ARC

	DATE
	09/14/17

SPLC-GOM-AE-SD119949

REVISION
2

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Last saved by: JOE KUBACKA (7/30/2018 5:53 PM) Last Plotted: 2018-07-31 (7/31/2018 10:42 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:

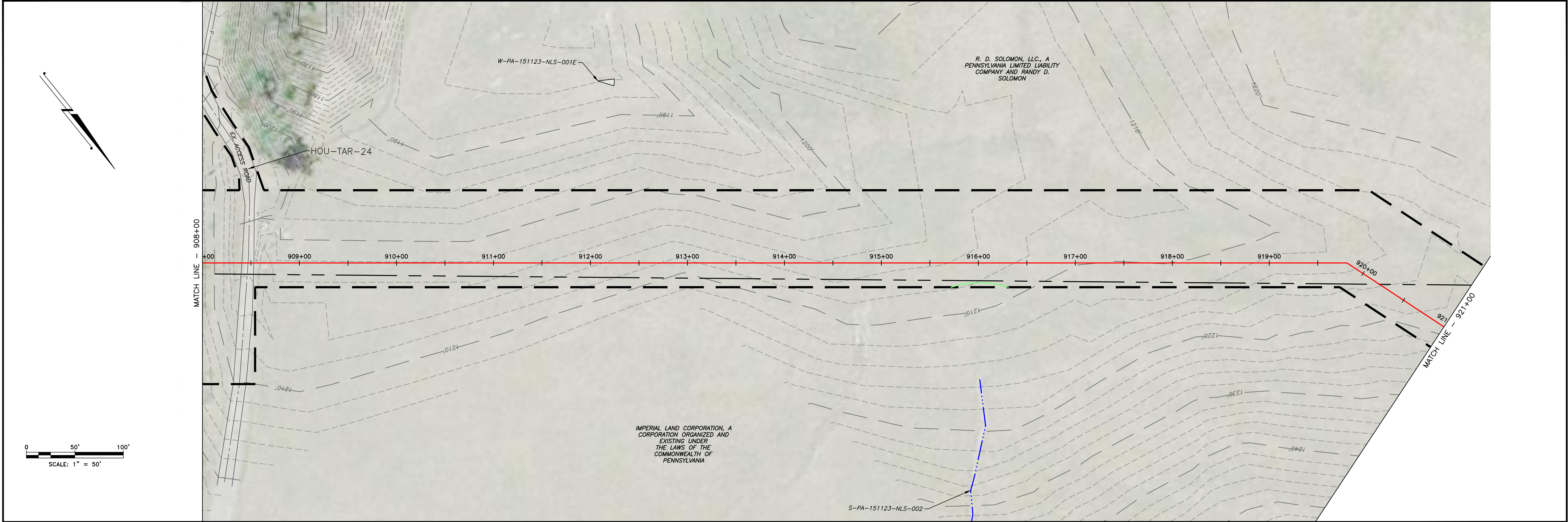
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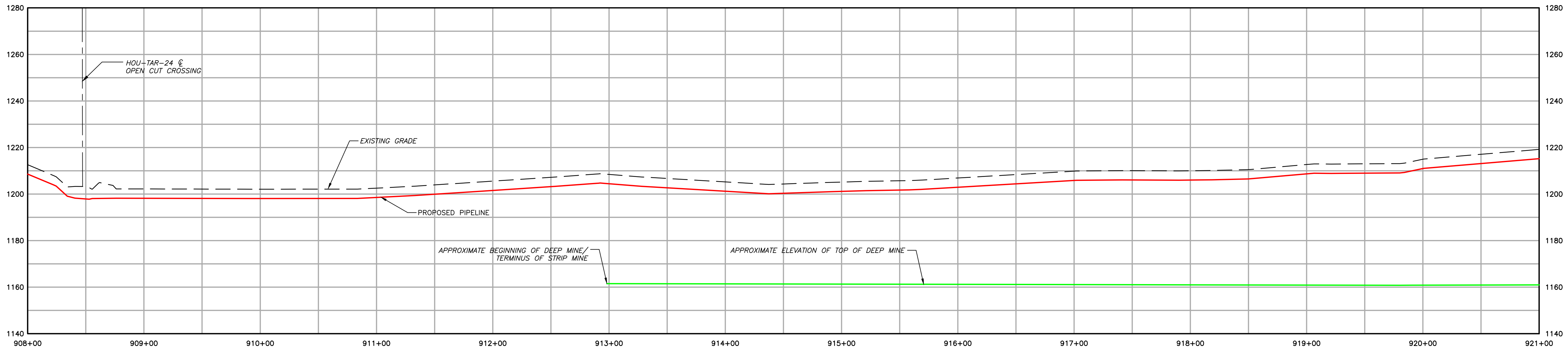
FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN SR077A - (HOU-TAR-23)		PENNSYLVANIA	
ALLEGHENY COUNTY FINDLAY TOWNSHIP			
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120131	REVISION 2



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



1550

EXISTING CONTOURS (INDEX)

EXISTING CONTOURS (INTERMEDIATE)

EXISTING PROPERTY LINE

EXISTING STREAM

EXISTING WETLAND

MrB2

SOIL TYPE BOUNDARY AND SOIL BOUNDARY

MFL

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:

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

COMMONWEALTH OF PENNSYLVANIA

REGISTERED PROFESSIONAL

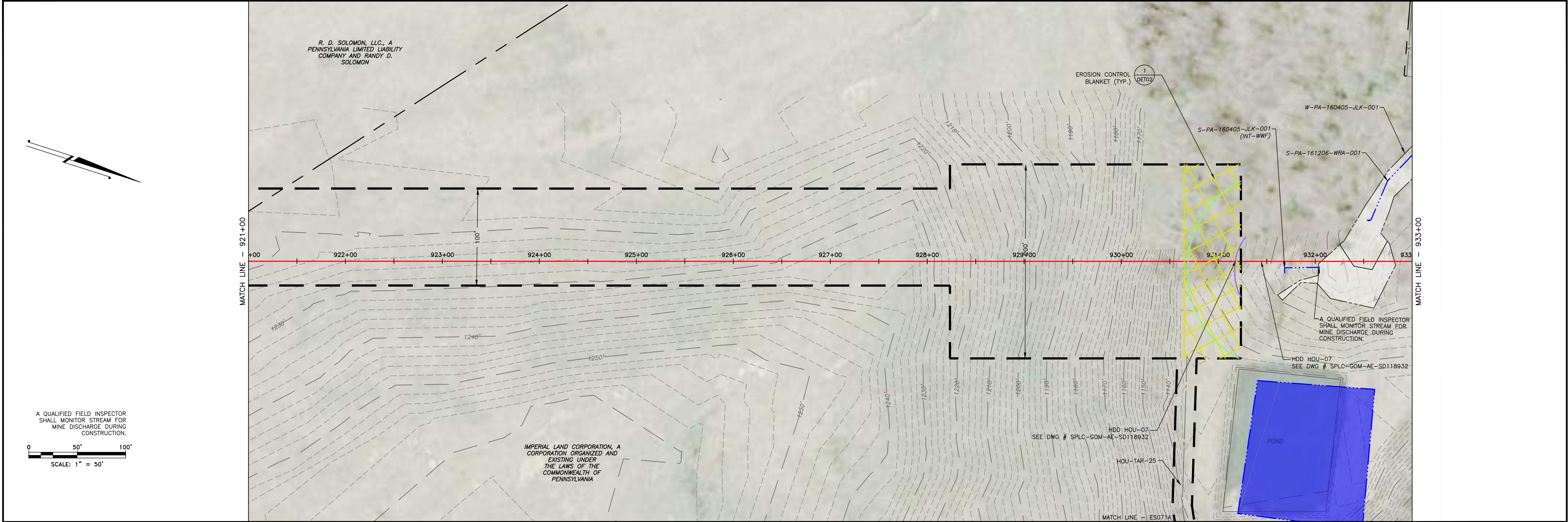
BRANDON M. WALKER

ENGINEER

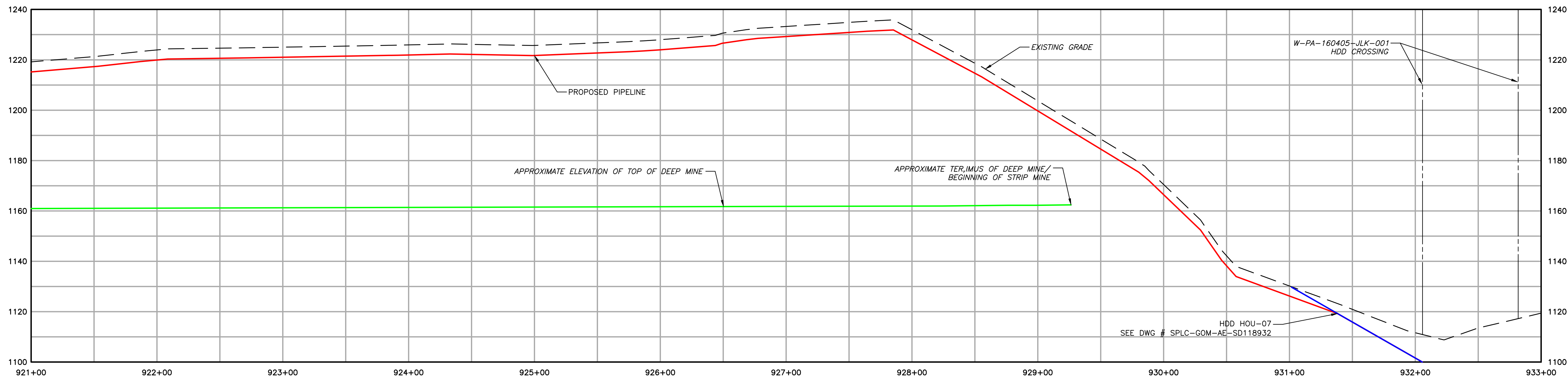
PE-077056

FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR078 - (STA. 908+50 TO STA. 921+00)	
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SCALE 1"=50'	DATE 09/14/17	SPLC-GOM-AE-SD119952	REVISION 2

Filename: \\PROJECTS\\747\\SHELL\\6048885 - FALCON ETHANE PIPELINE\\20-SHEETS\\PENNSYLVANIA\\SP-PLANS\\SP_PLANS\\NOTES.DWG
Last saved by: JOE KUBACKA (7/20/2018 4:30 PM) Last Plotted: 2018-07-31 (7/31/2018 9:07 AM)



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



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	

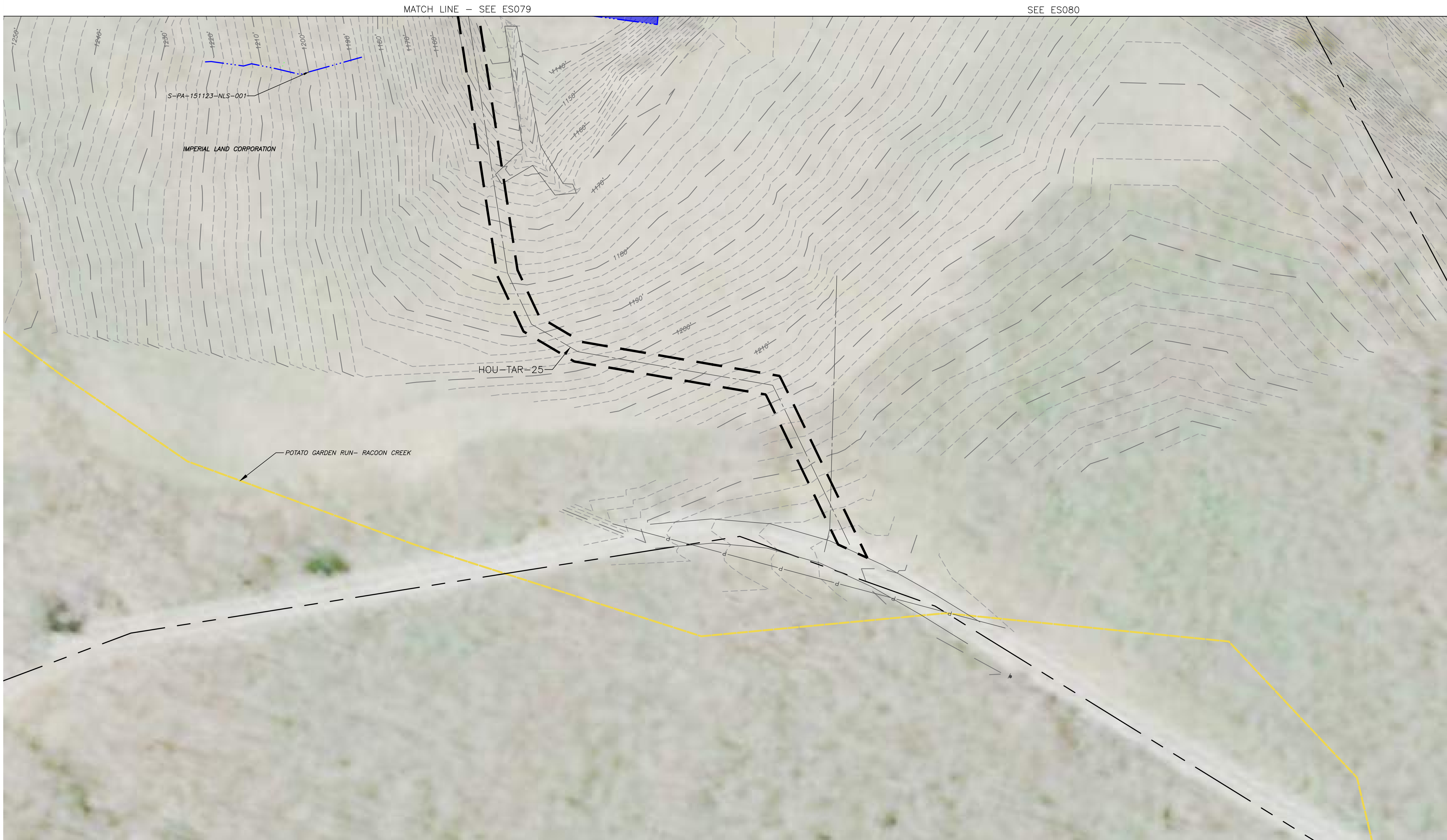
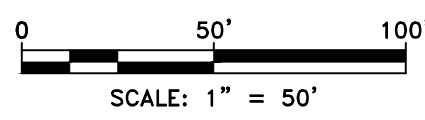
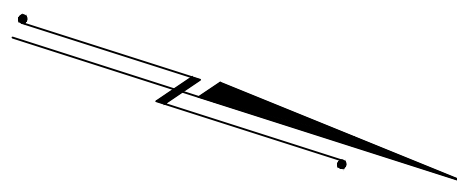
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1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR	
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR	
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR079 - (STA. 921+00 TO STA. 933+00)	
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SCALE 1"=50'	DATE 09/14/17	SPLC-GOM-AE-SD119953	REVISION 2

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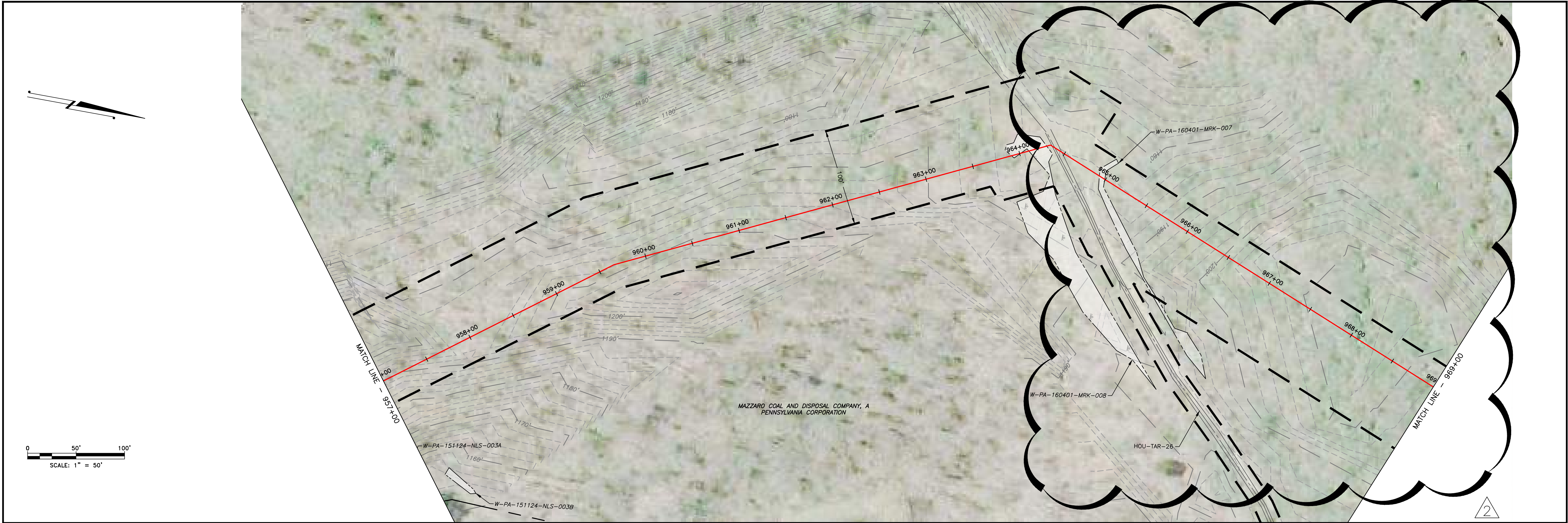
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| | EXISTING CONTOURS (INTERMEDIATE) | | PROPOSED LIMIT OF DISTURBANCE |
| | EXISTING PROPERTY LINE | | ACCESS ROAD CENTERLINE |
| | EXISTING STREAM | | PROPOSED WATERBARS |
| | EXISTING WETLAND | | PROPOSED EROSION CONTROL BLANKET |
| | SOIL TYPE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

GENERAL NOTES:

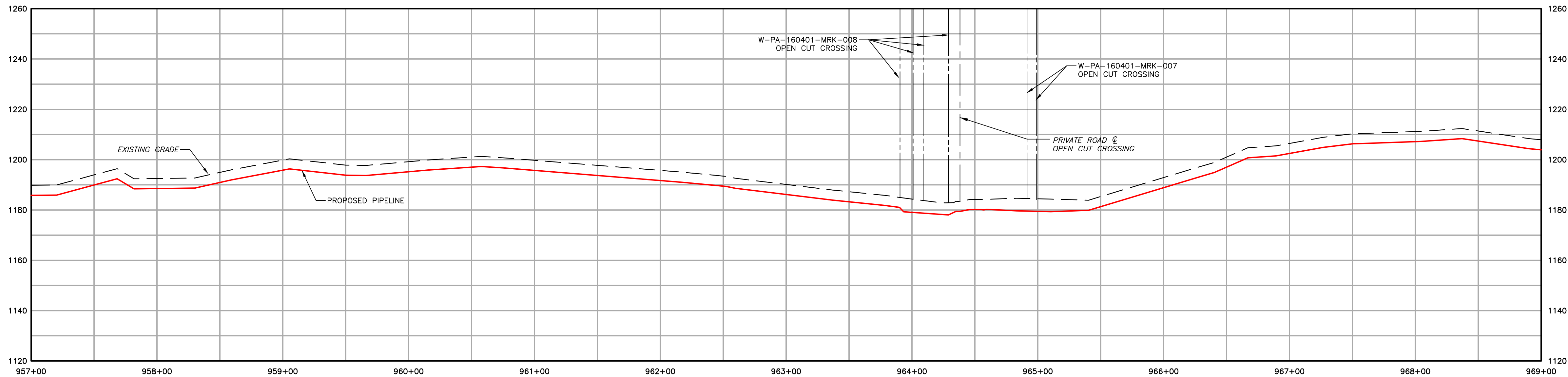
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR079A - (HOU-TAR-25)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120132	REVISION 2



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



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	
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REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	

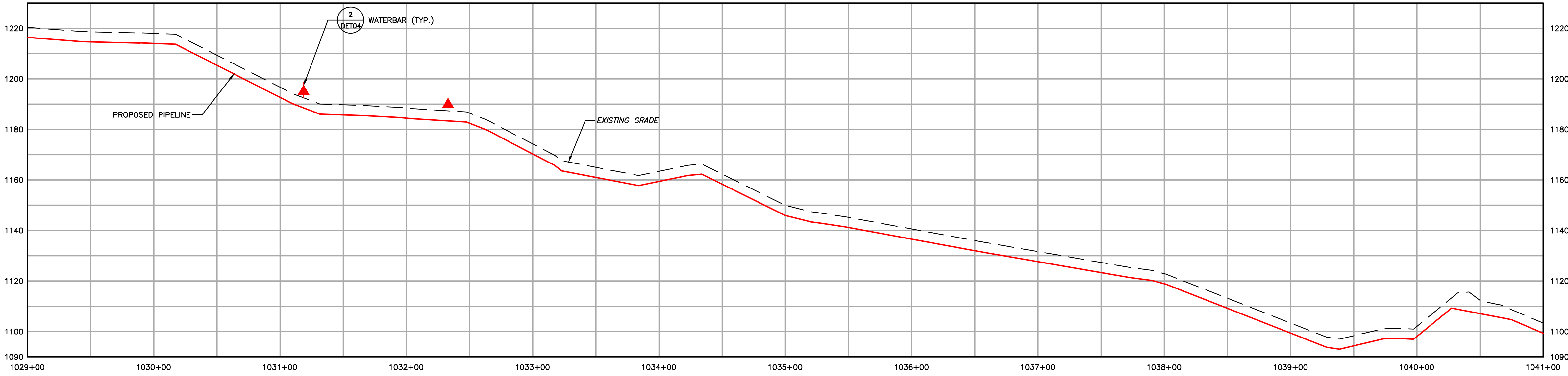


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR082 - (STA. 957+00 TO STA. 969+00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD119956	REVISION 2

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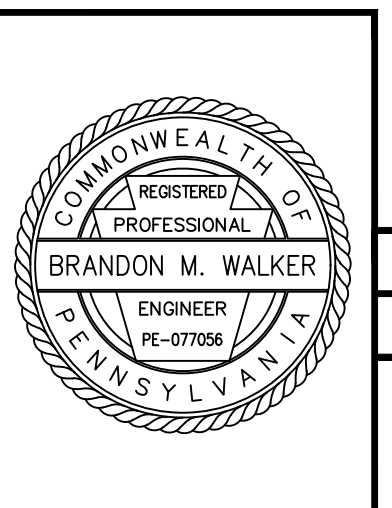


LAND USE	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'



	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		

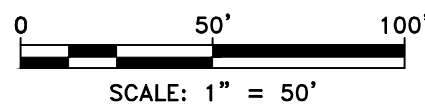
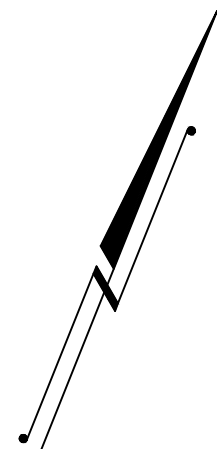
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1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR088 - (STA. 1029+00 TO STA. 1041+00)	
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		SCALE 1"=50'	DATE 09/14/17
DRAWN ARC		SPLC-GOM-AE-SD119962	
		REVISION 2	

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Last saved by: CEBARDA (7/30/2018 4:30 PM) Last Plotted: 2018-07-31 (7/31/2018 10:45 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 | | |

THE MARONDA FOUNDATION

MATCH LINE - SEE ES088

SEE ES087

HOU-TAR-27

YOUTHOWNE ROAD

GENERAL NOTES:

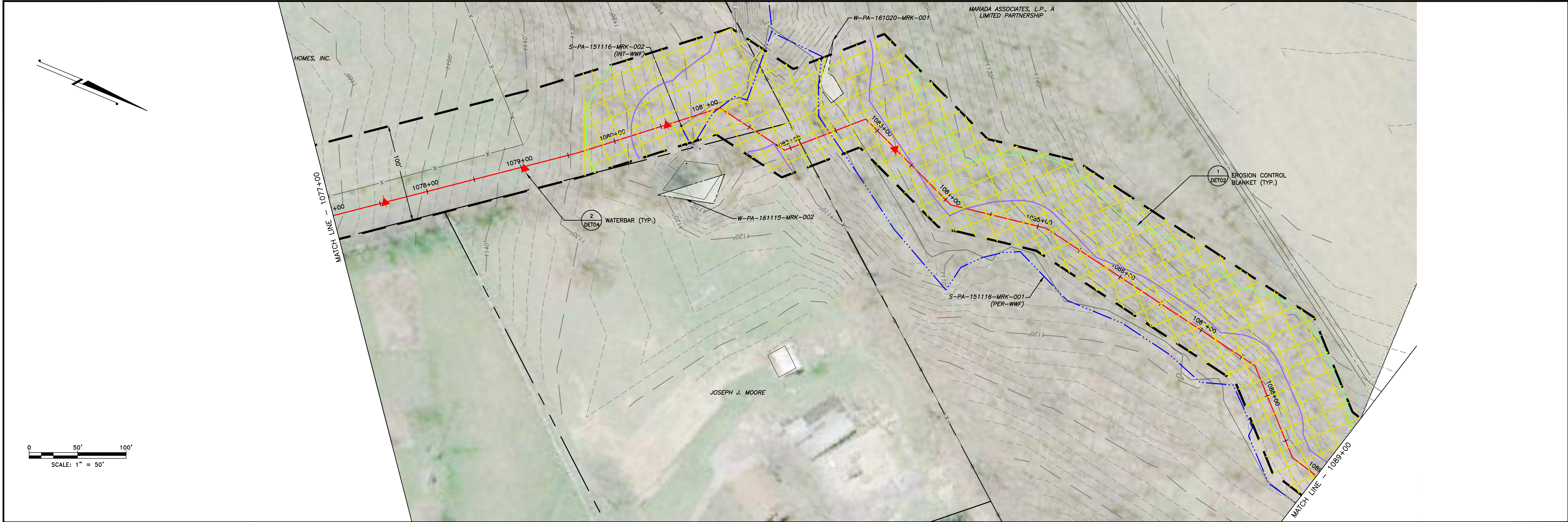
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0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



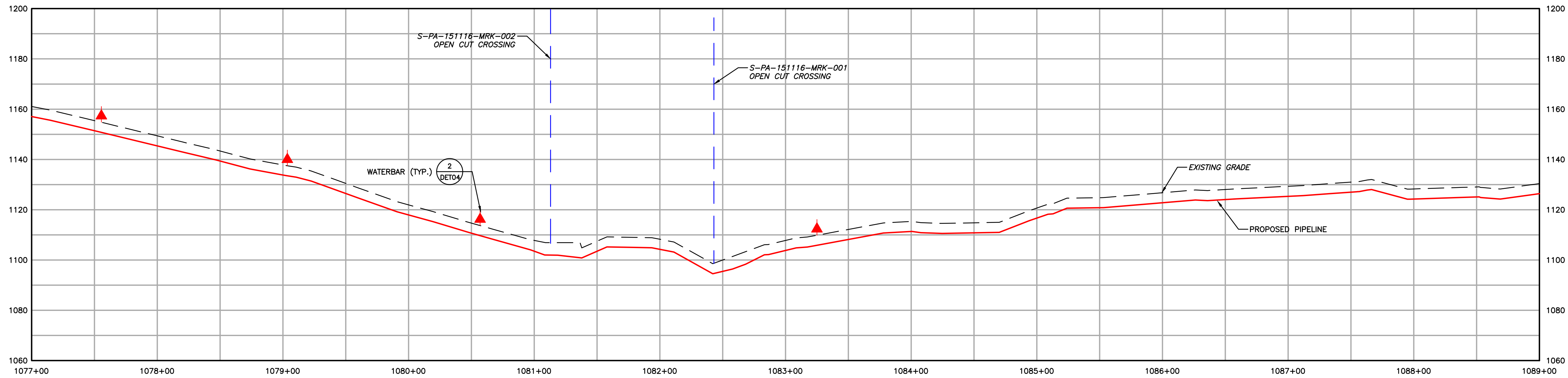
FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN SR088A - (HOU-TAR-27)		PENNSYLVANIA	
ALLEGHENY COUNTY FINDLAY TOWNSHIP			
SCALE	1"=50'	DATE	
DRAWN	ARC	09/14/17	
SPLC-GOM-AE-SD120135			REVISION 2

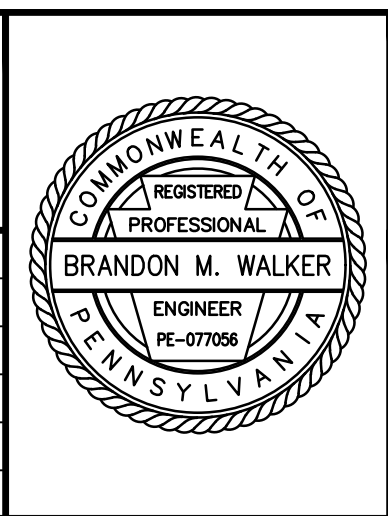


LAND USE	WOODS	STREAM	WOODS	STREAM	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'	5'	4'



	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		

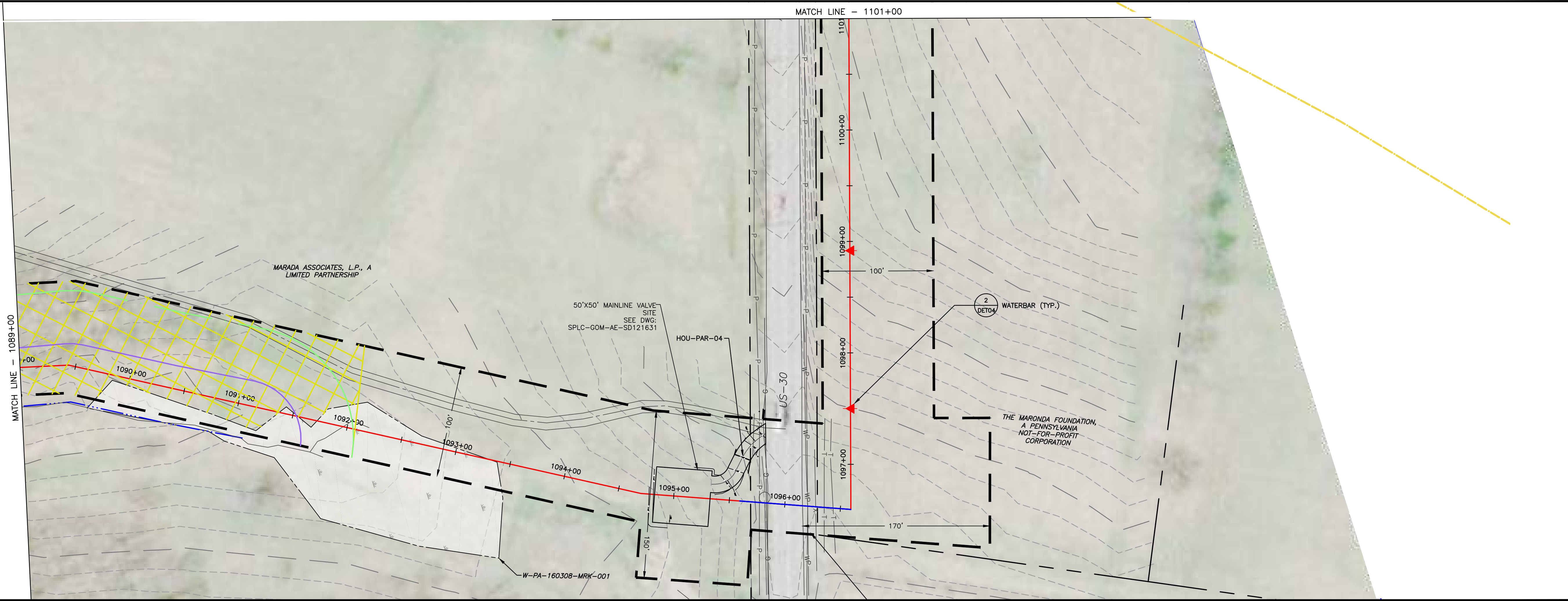
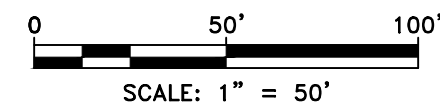
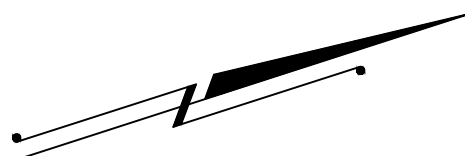
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0	09/14/17	ISSUED FOR PERMIT	BMW	JWR
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP



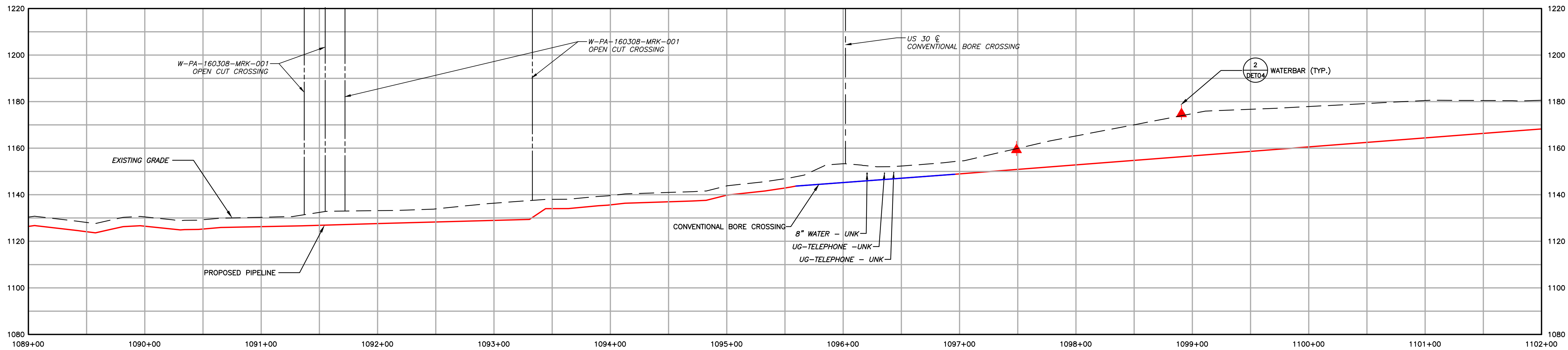
FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR092 - (STA. 1077+00 TO STA. 1089+00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD119966	REVISION 2

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Last Plotted: 2018-07-30 (7/30/2018 5:00 PM)



LAND USE	WOODS	FIELD	WETLAND	FIELD	WETLAND	FIELD	ROAD	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'	5'	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
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

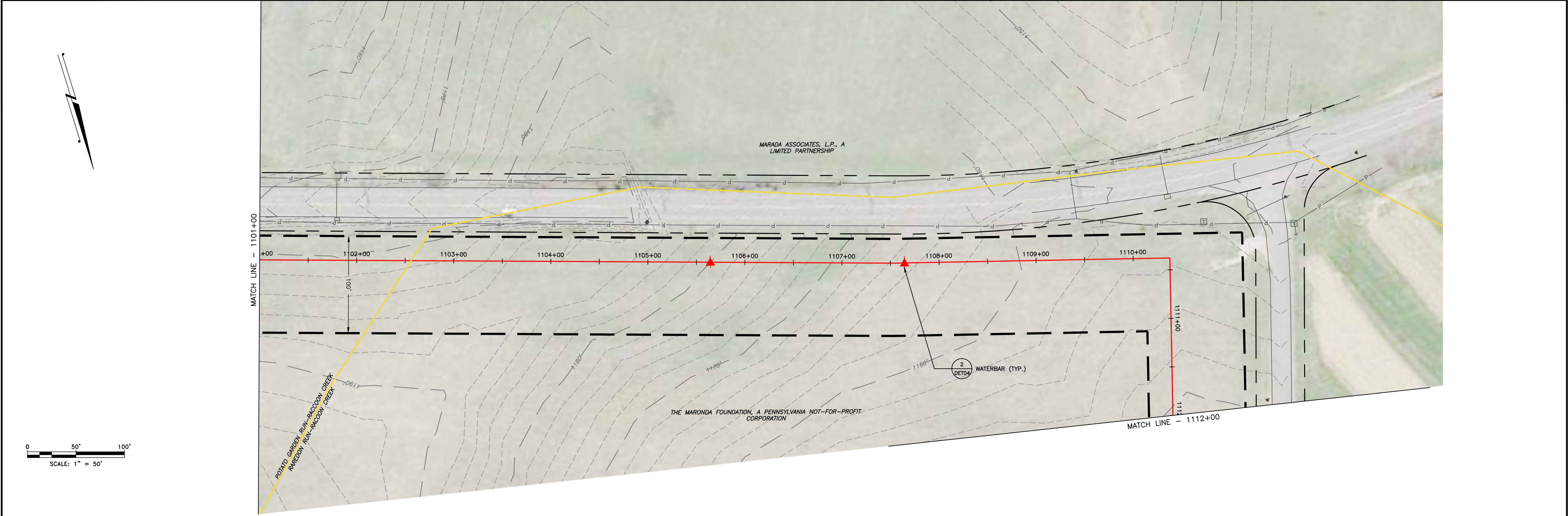


FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

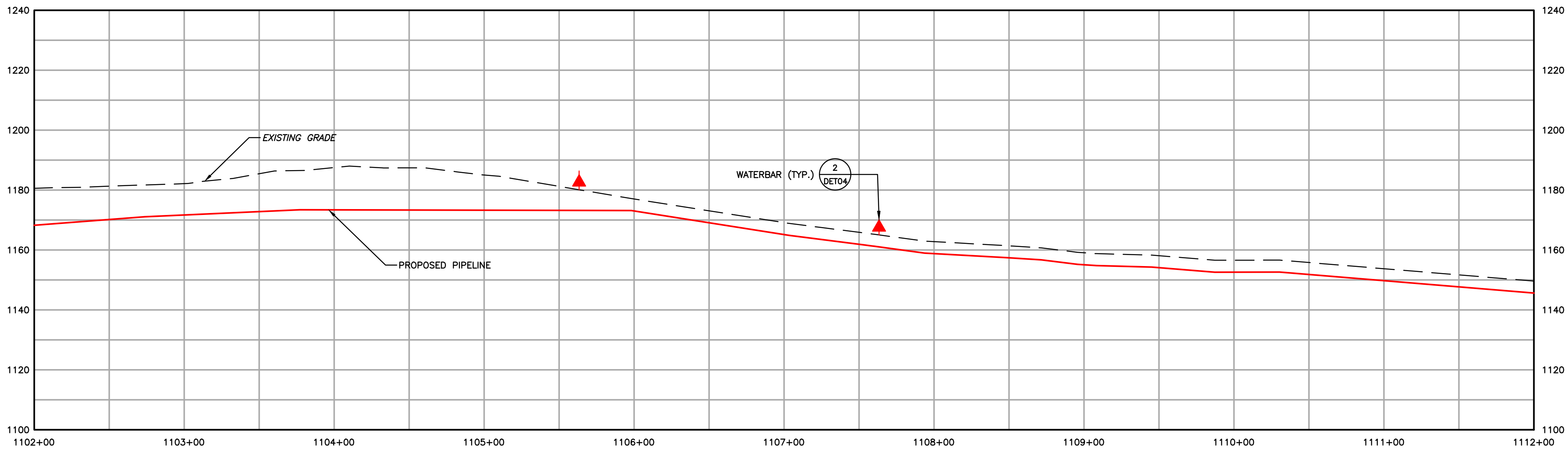
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SITE RESTORATION PLAN
SR093 - (STA. 1089+00 TO STA. 1102+00)
ALLEGHENY COUNTY
FINDLAY TOWNSHIP
PENNSYLVANIA

SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD119967	REVISION	2
DRAWN	ARC					



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



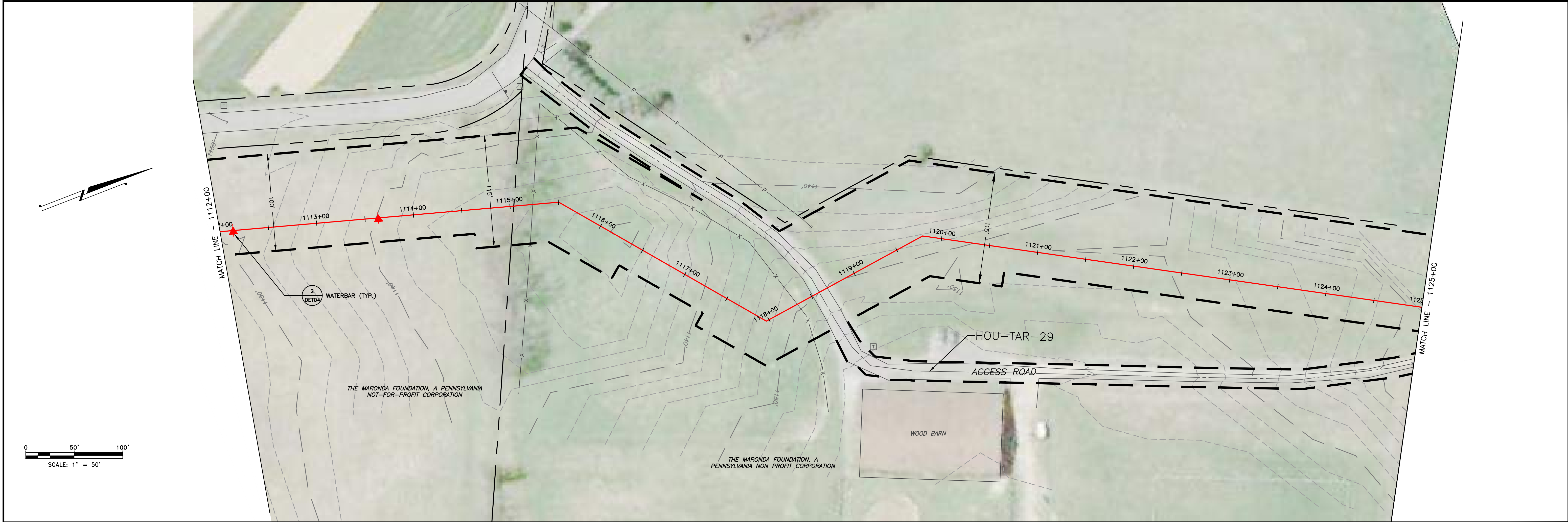
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---	EXISTING CONTOURS (INTERMEDIATE)	PROPOSED LIMIT OF DISTURBANCE
---	EXISTING PROPERTY LINE	ACCESS ROAD CENTERLINE
---	EXISTING STREAM	PROPOSED WATERBAR
---	EXISTING WETLAND	PROPOSED EROSION CONTROL BLANKET
---	SOIL TYPE BOUNDARY AND SOIL BOUNDARY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

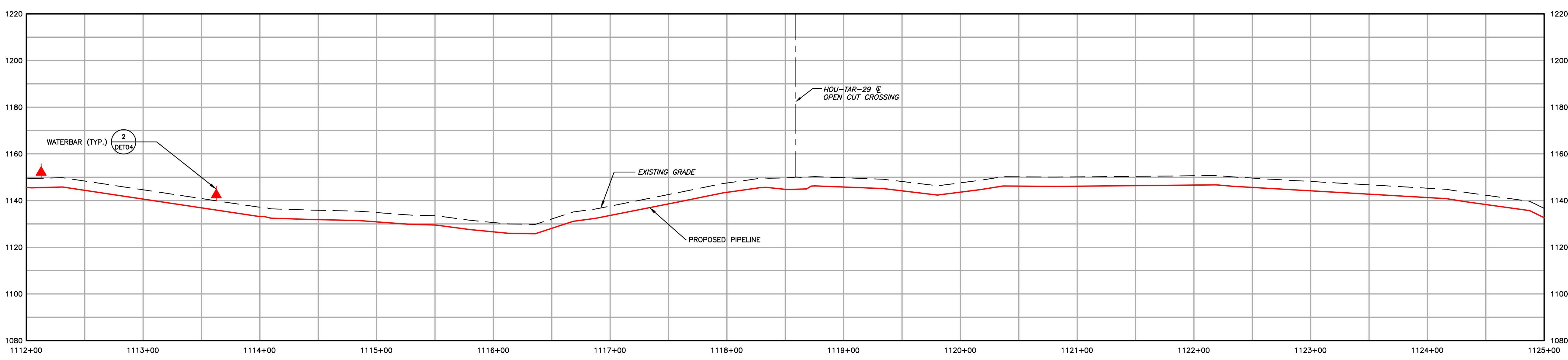


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR094 - STA. 1102+00 TO STA. 1112+00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD119968	REVISION 2

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Last saved by: CESARDA (7/30/2018 4:20 PM)
Last Plotted: 2018-07-30 (7/30/2018 5:01 PM)



LAND USE	FIELD	WOODS	FIELD	RD	FIELD
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:

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

COMMONWEALTH OF PENNSYLVANIA

REGISTERED PROFESSIONAL ENGINEER

BRANDON M. WALKER

PE-077056

FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

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SITE RESTORATION PLAN

SR095 - (STA. 1112+00 TO STA. 1125+00)

ALLEGHENY COUNTY

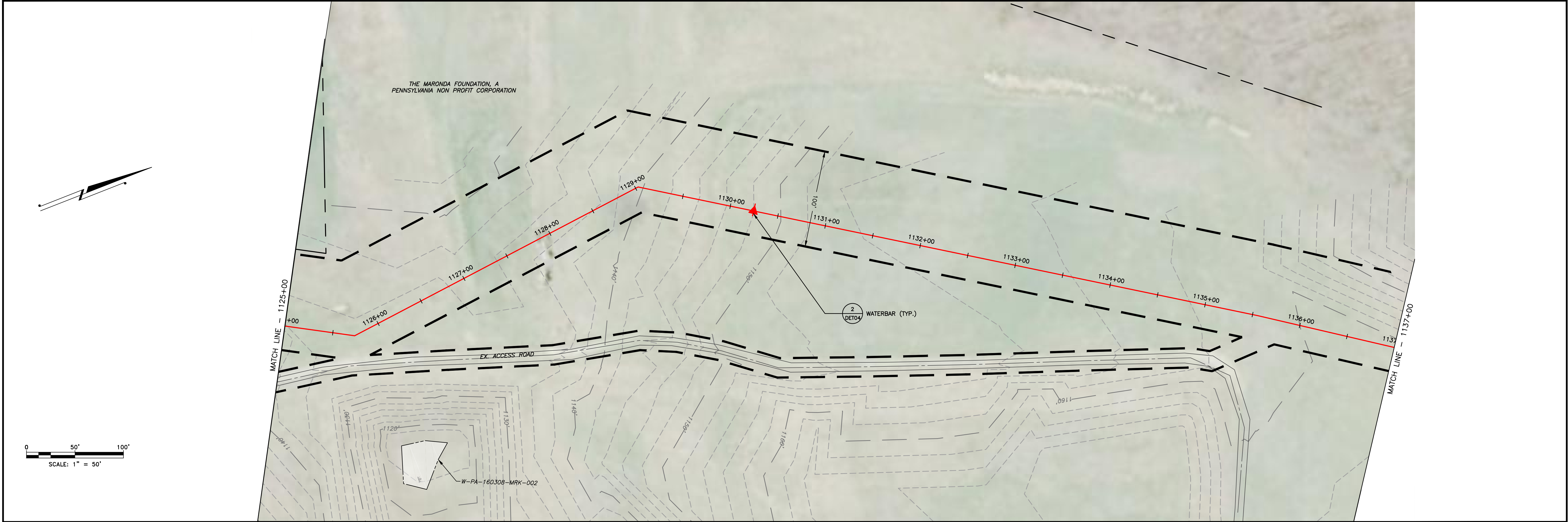
FINDLAY TOWNSHIP

SCALE 1"=50'

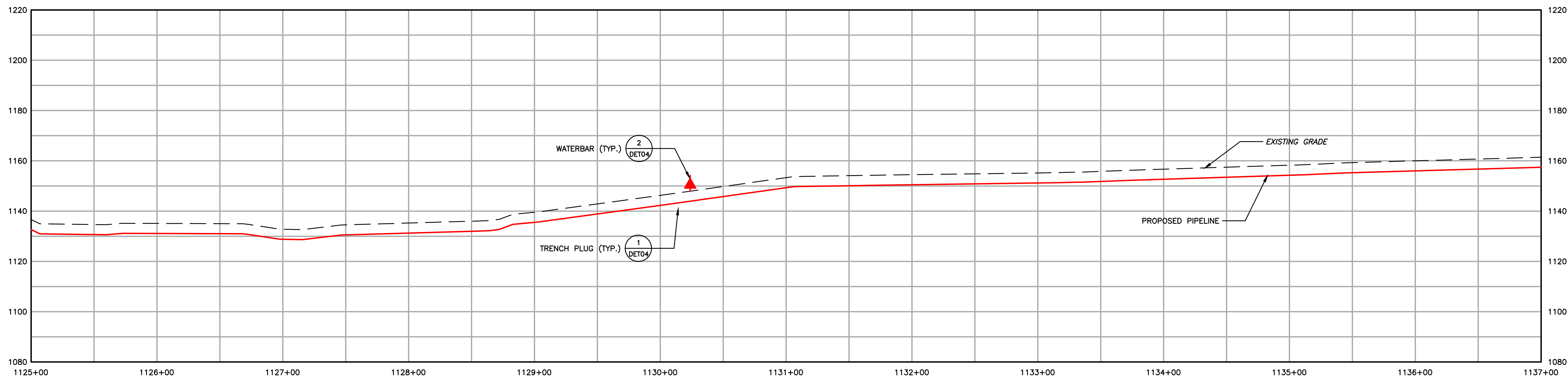
DATE 12/05/2017

SPLC-GOM-AE-SD119969

REVISION 1



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



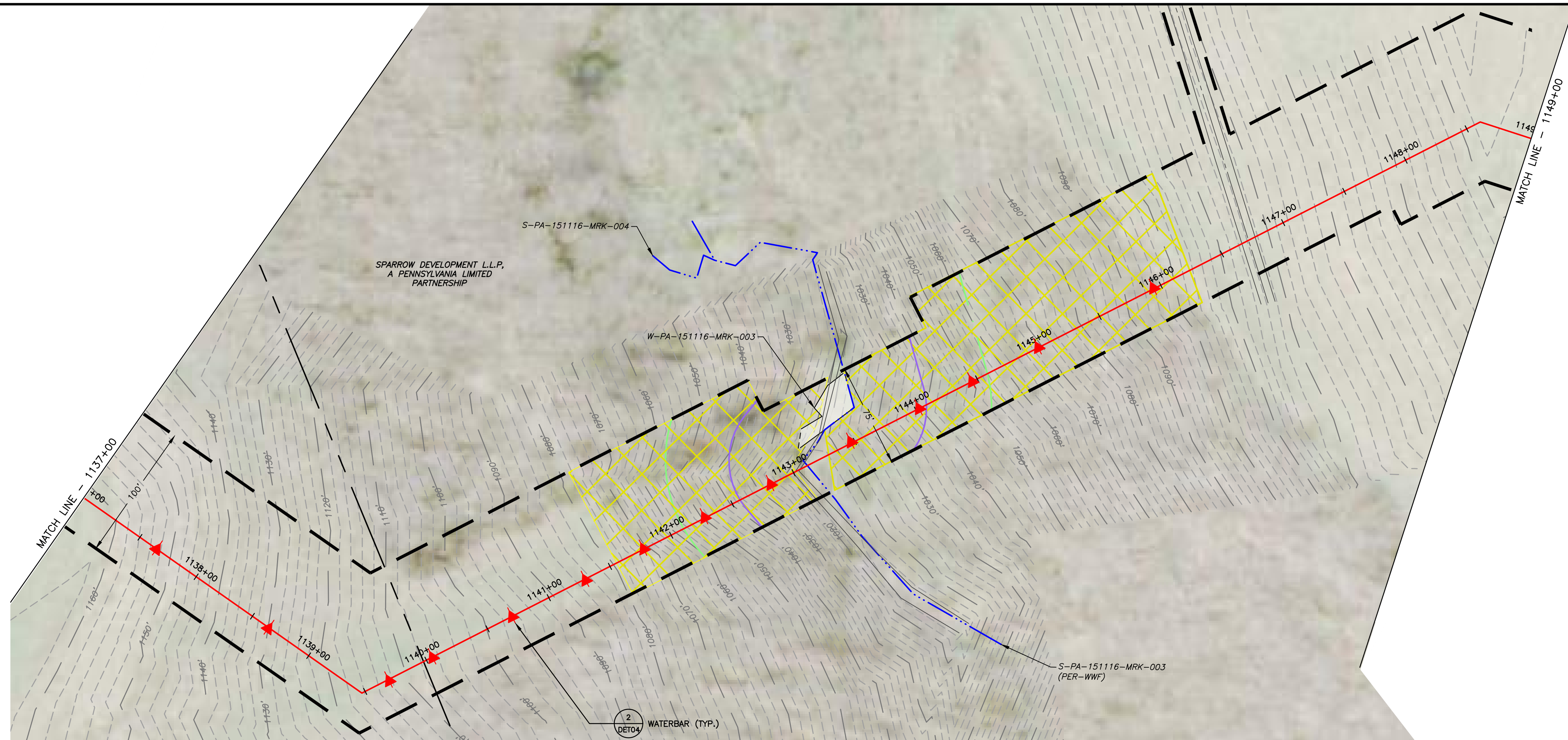
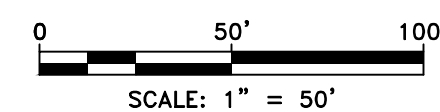
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	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED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

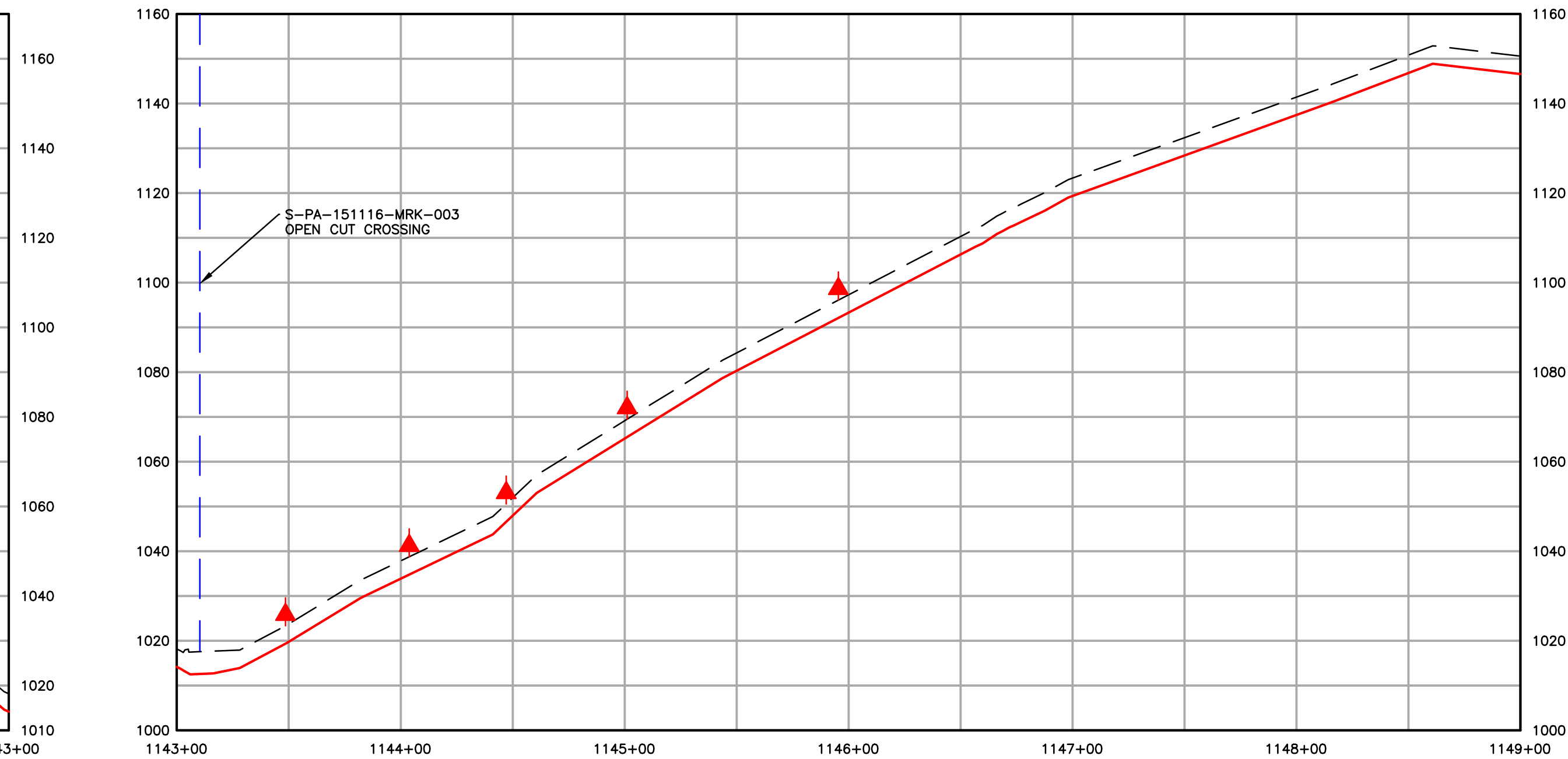
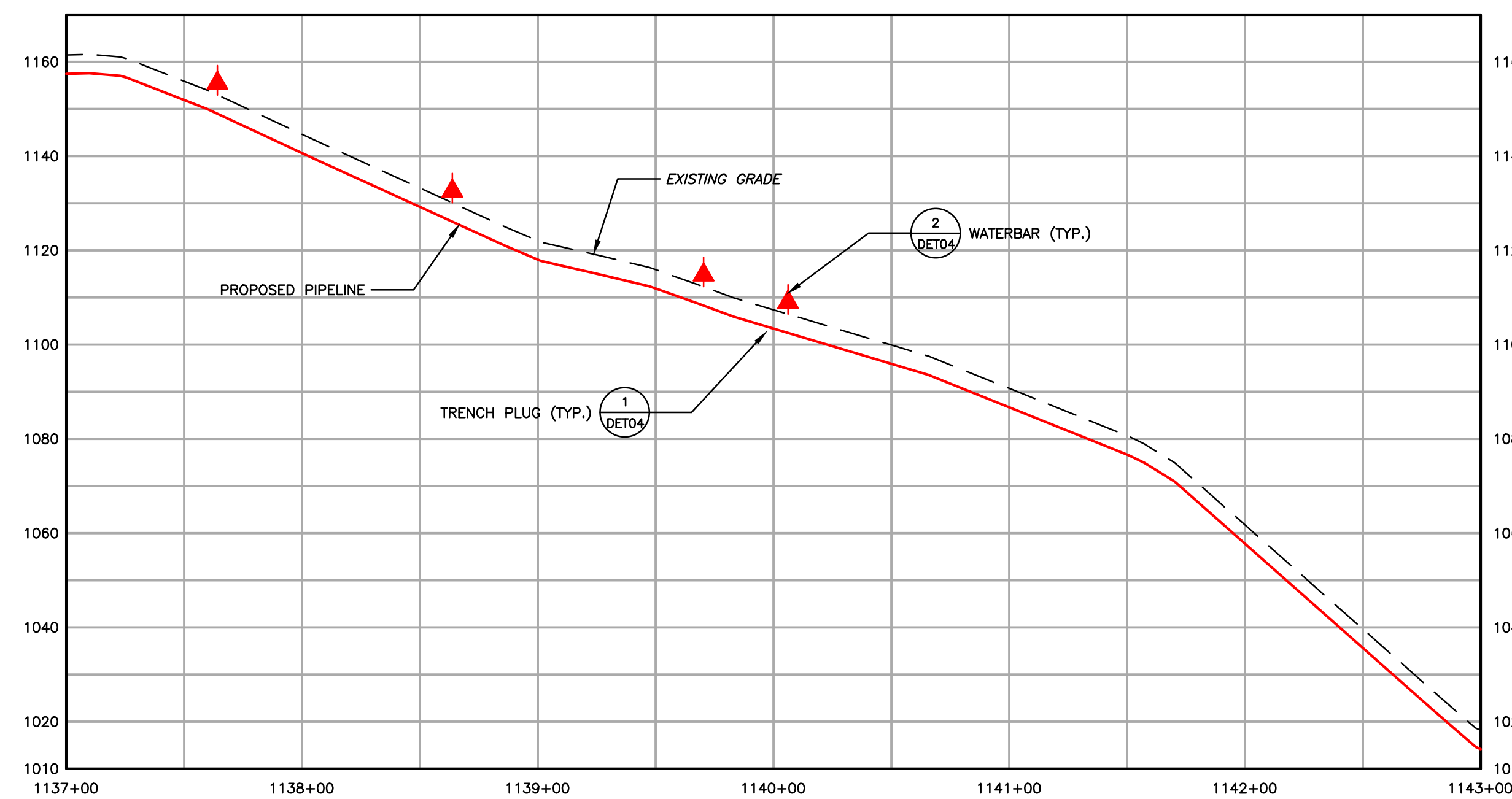


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR096 - (STA. 1125+00 TO STA. 1137+00)	
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SCALE	1"=50'	DATE	12/05/2017
DRAWN	ARC	SPLC-GOM-AE-SD119970	REVISION 2

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Last saved by: LINCOLN SCHAEFER (7/30/2018 4:02 PM) Last Plotted: 2018-07-30 (7/30/2018 4:52 PM)



LAND USE	FIELD	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

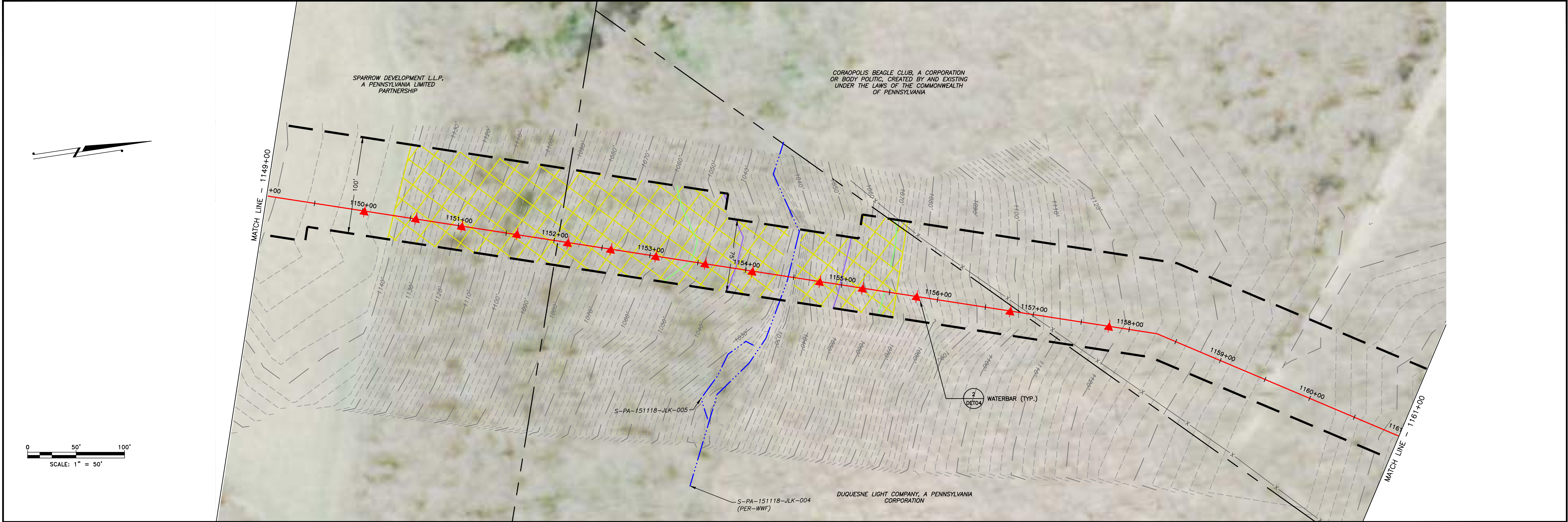


FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

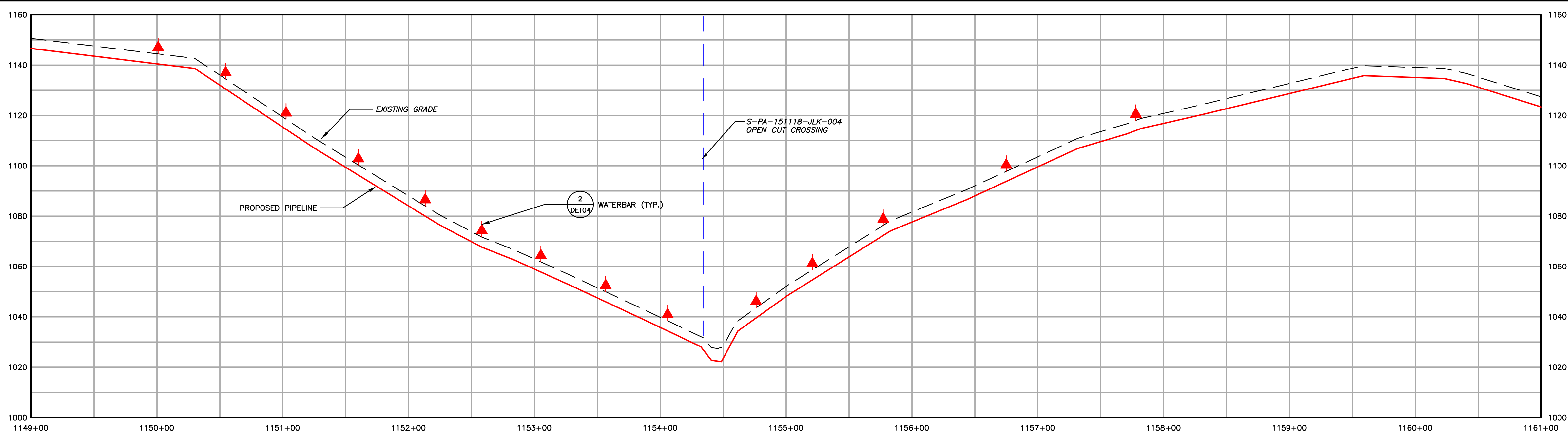
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SITE RESTORATION PLAN
SR097 - (STA. 1137+00 TO STA. 1149+00)
ALLEGHENY COUNTY PENNSYLVANIA
FINDLAY TOWNSHIP

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD119971	REVISION 2
DRAWN	ARC	09/14/17		



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



1550' 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

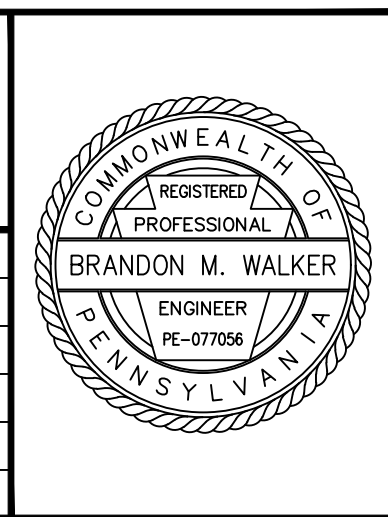
WATERSHED BOUNDARY

MrB2

MFL

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

HOUSTON TO JUNCTION

SITE RESTORATION PLAN

SR098 - (STA. 1149+00 TO STA. 1161+00)

ALLEGHENY COUNTY

FINDLAY TOWNSHIP

PAENSYLVANIA

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SCALE 1"=50'

DATE 09/14/17

SPLC-GOM-AE-SD119972

REVISION 2

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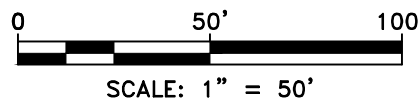
MATCH LINE - SEE ES098B

MATCH LINE - SEE ES098

SPARROW DEVELOPMENT, LLP

HOU-TAR-30

S-PA-160404-CBA-003



- | | | | |
|--|--|--|----------------------------------|
| | 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
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN SR098A - (HOU-TAR-30) ALLEGHENY COUNTY FINDLAY TOWNSHIP PENNSYLVANIA			
SCALE	1"=50'	DATE	
DRAWN	ARC	09/14/17	
SPLC-GOM-AE-SD120136			REVISION 2

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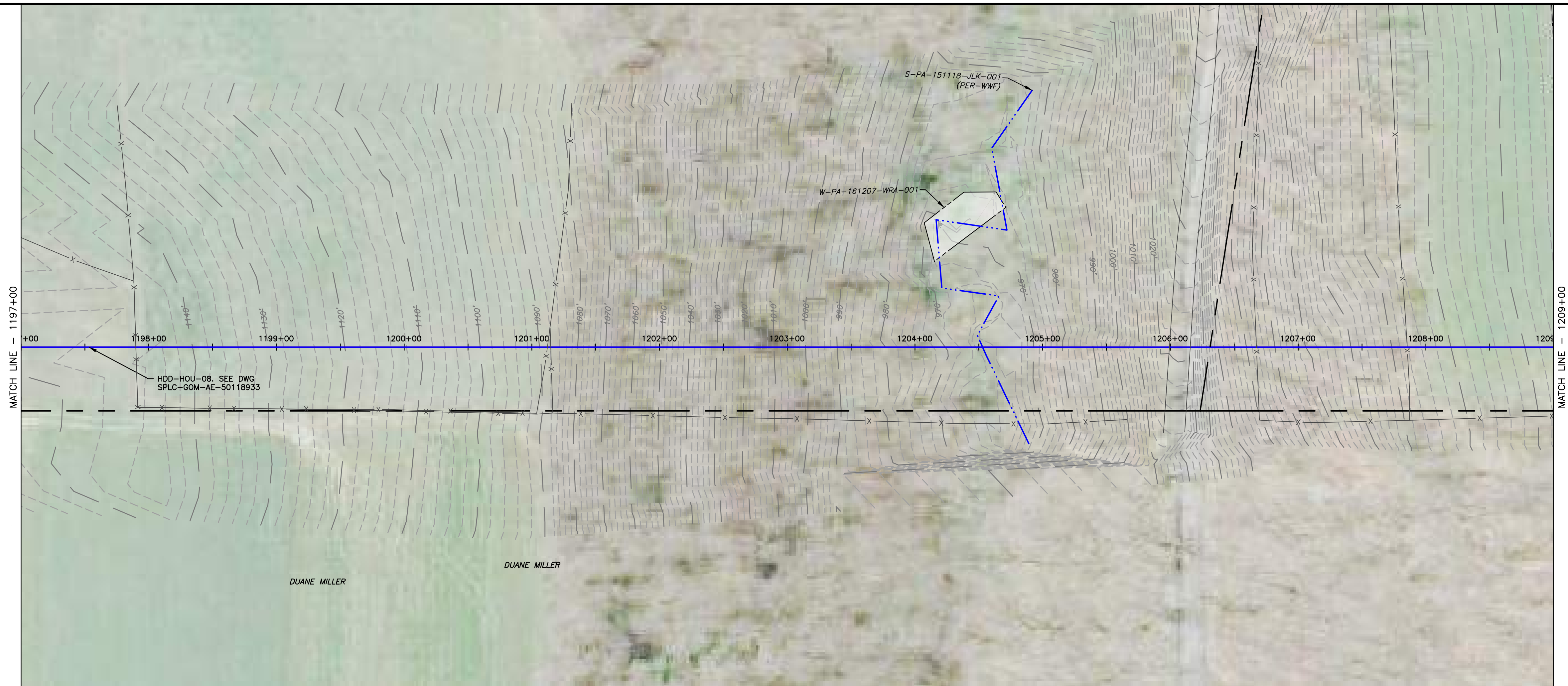
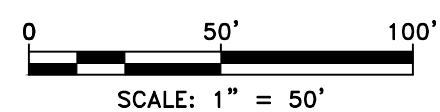
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| 1,550 | EXISTING CONTOURS (INDEX) | PROPOSED PIPELINE |
| --- | EXISTING CONTOURS (INTERMEDIATE) | PROPOSED LIMIT OF DISTURBANCE |
| --- | EXISTING PROPERTY LINE | ACCESS ROAD CENTERLINE |
| --- | EXISTING STREAM | PROPOSED WATERBARS |
| --- | EXISTING 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:

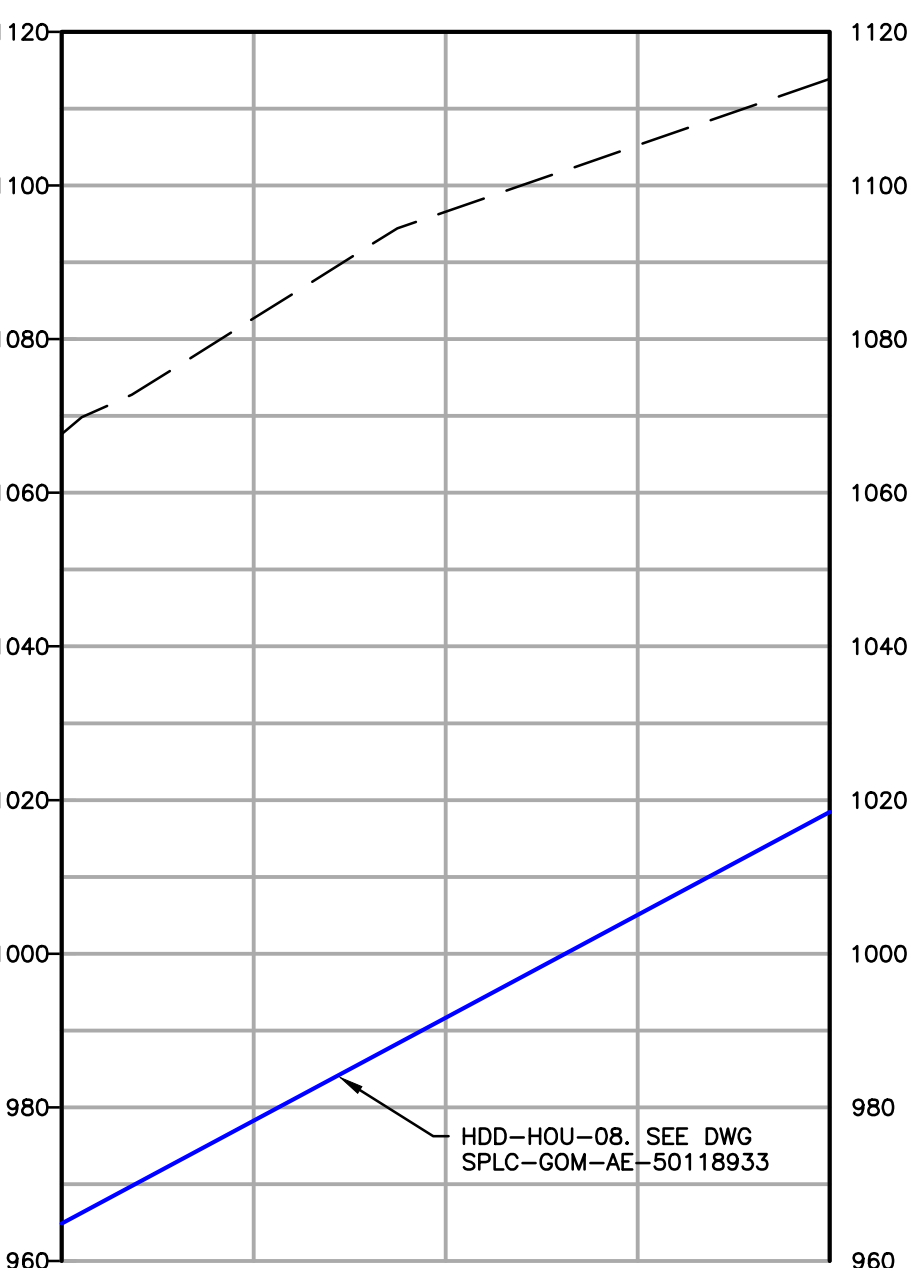
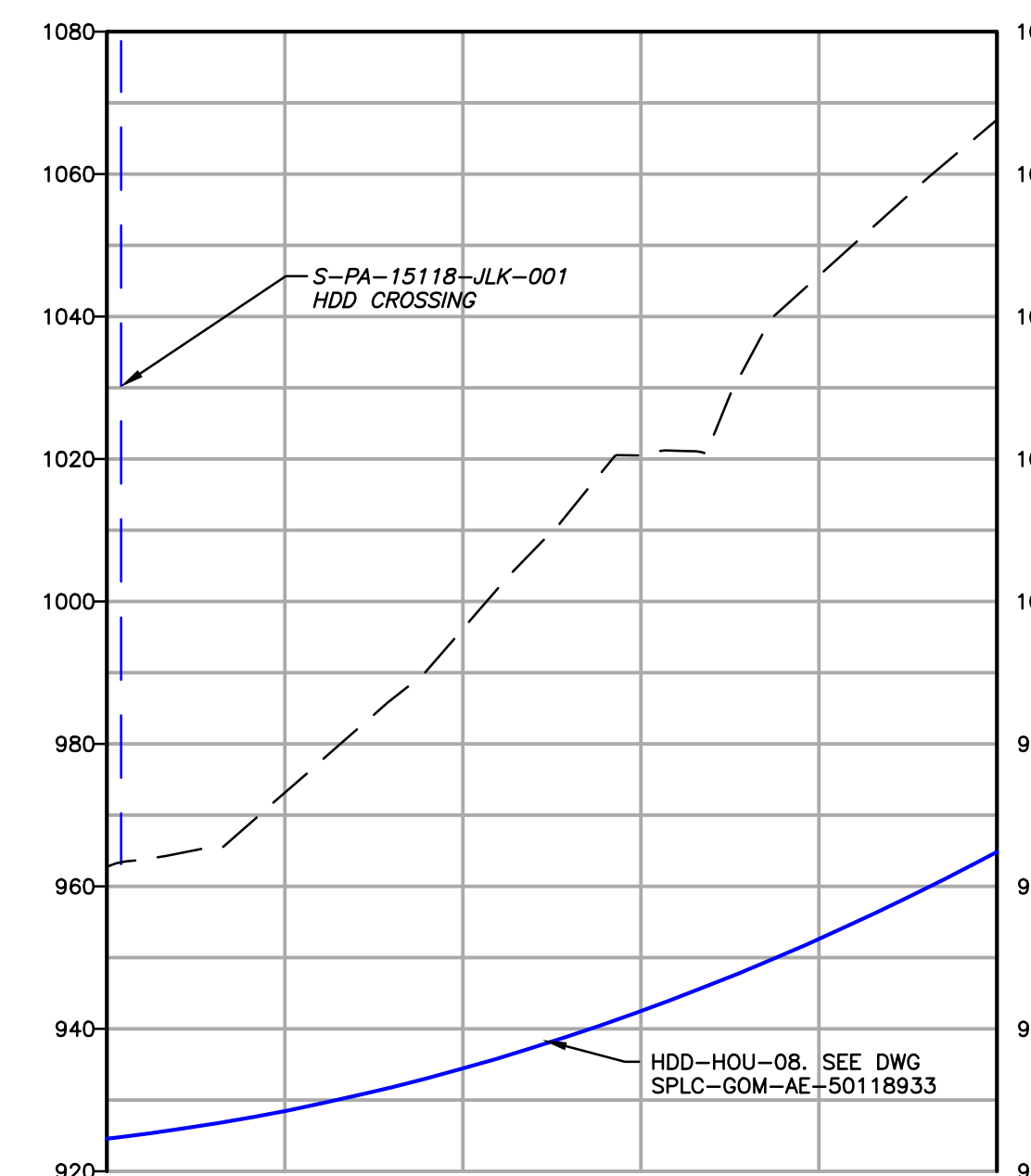
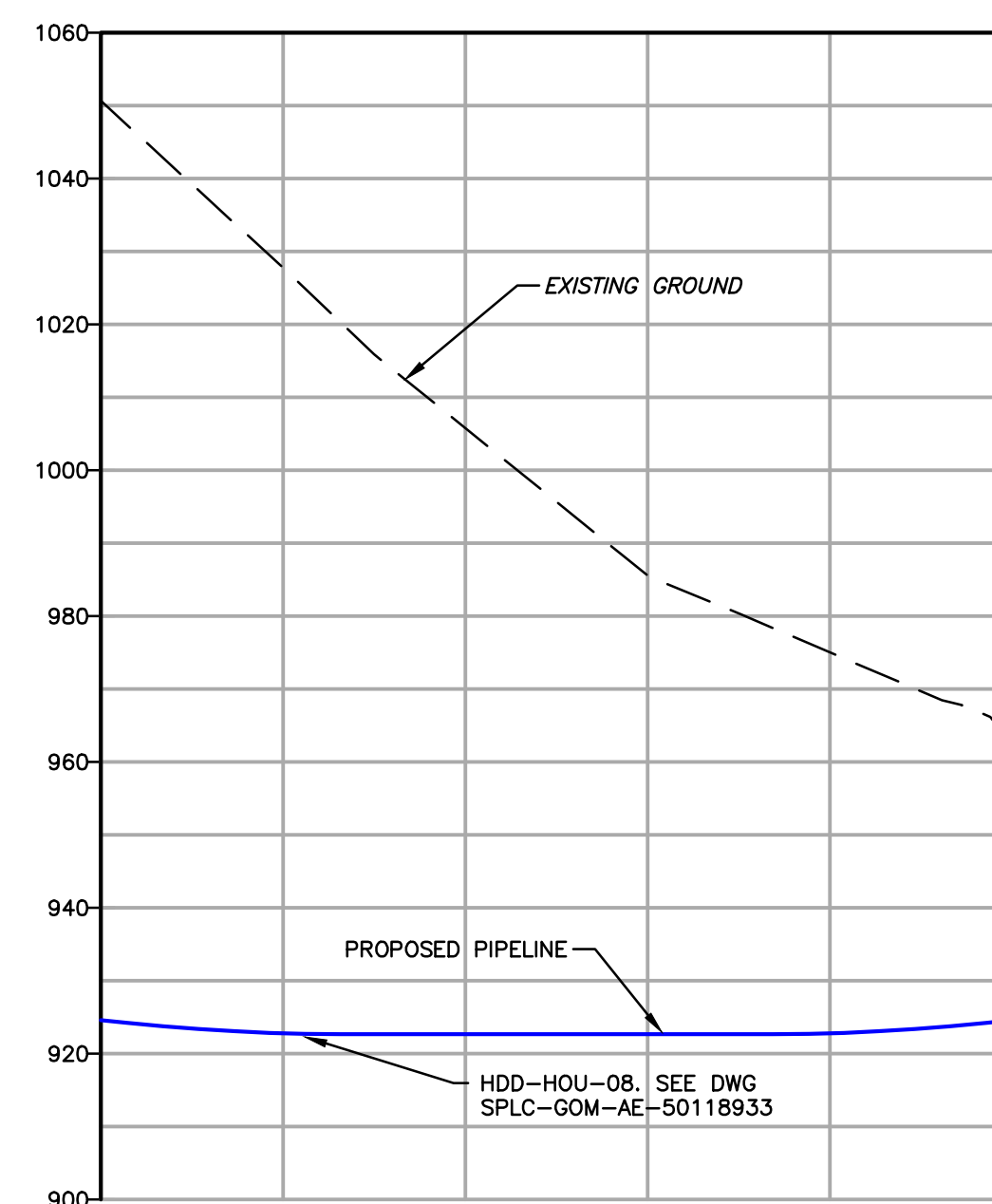
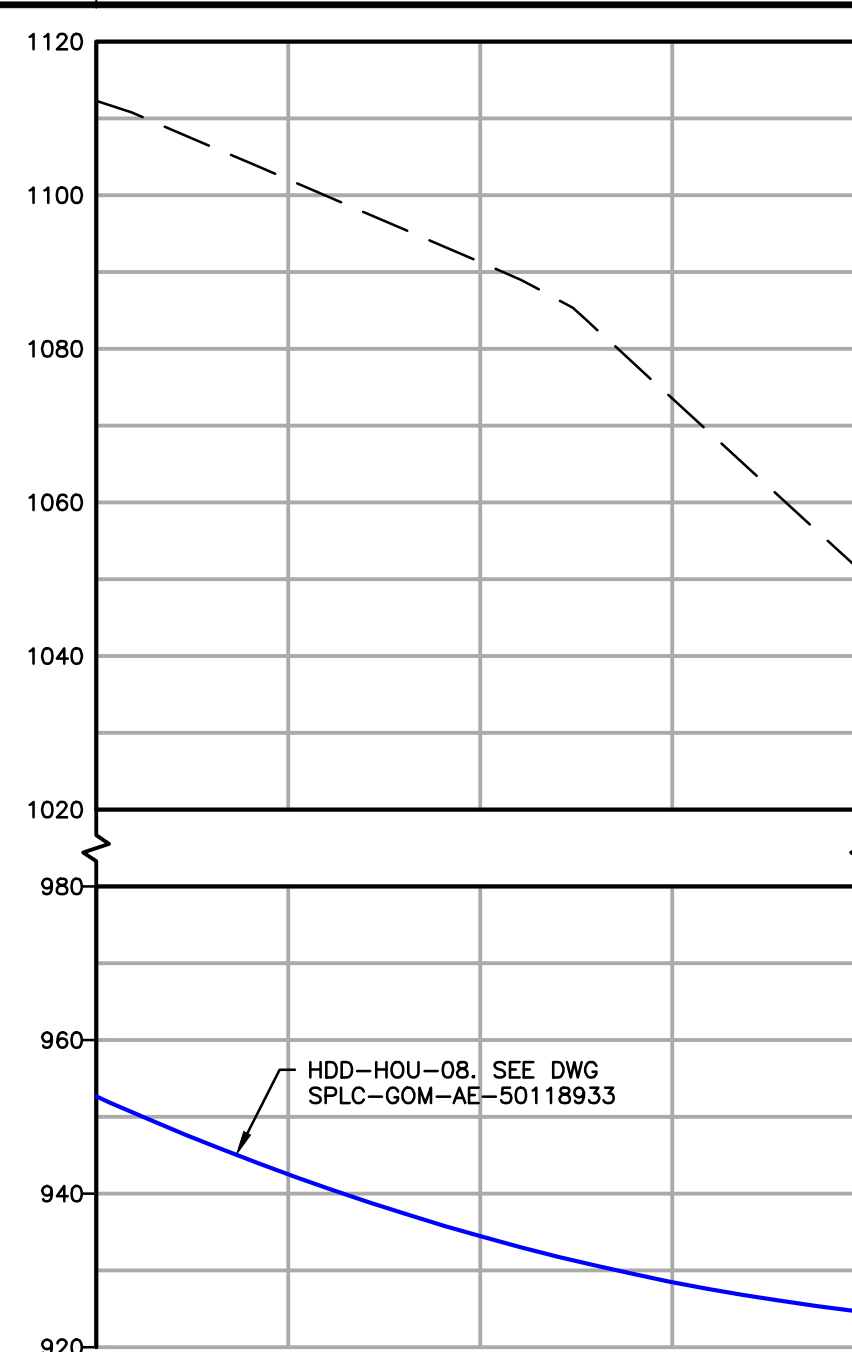
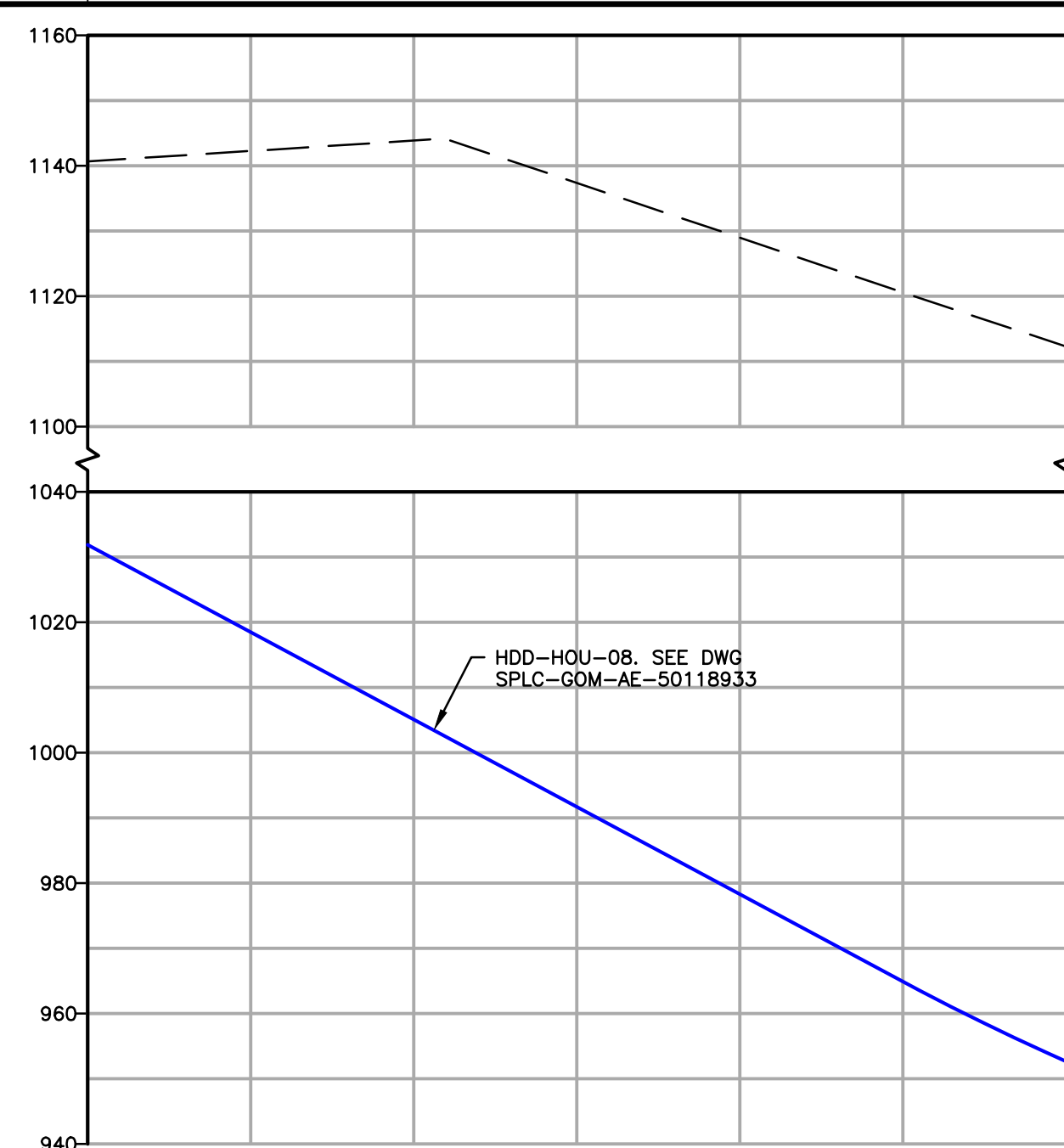
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR098B - (HOU-TAR-30)	
ALLEGHENY COUNTY		PENNSYLVANIA	
FINDLAY TOWNSHIP		SPLC-GOM-AE-SD120137	
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	REVISION	2

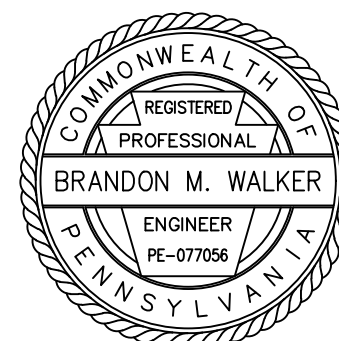


LAND USE	FIELD		FIELD		FIELD	WOODS	●— STREAM	WOODS		WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'		4'		4'	4'	5'	4'		4'



	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:

[illegible]

FALCON ETHANE PIPELINE SYSTEM

HOUSTON TO JUNCTION

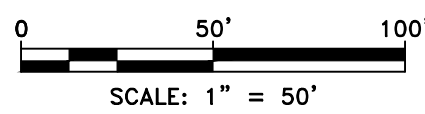
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SITE RESTORATION PLAN SR102 - (STA. 1197+00 TO STA. 1209+00) BEAVER COUNTY INDEPENDENCE TOWNSHIP	PENNSYLVANIA
---	--------------

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD119976	REVISION 2
DRAWN	ARC	09/14/17		

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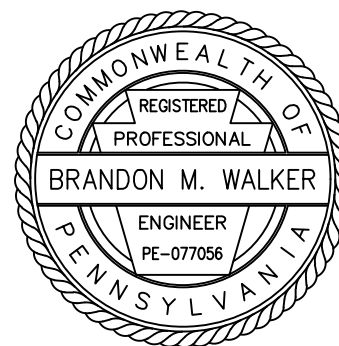
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Last saved by: LINCOLN\SCHAEFER (7/20/2018 3:58 PM) Last Plotted: 2018-07-31 (7/31/2018 10:48 AM)



- | | | |
|-------|--|----------------------------------|
| 1,550 | 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:

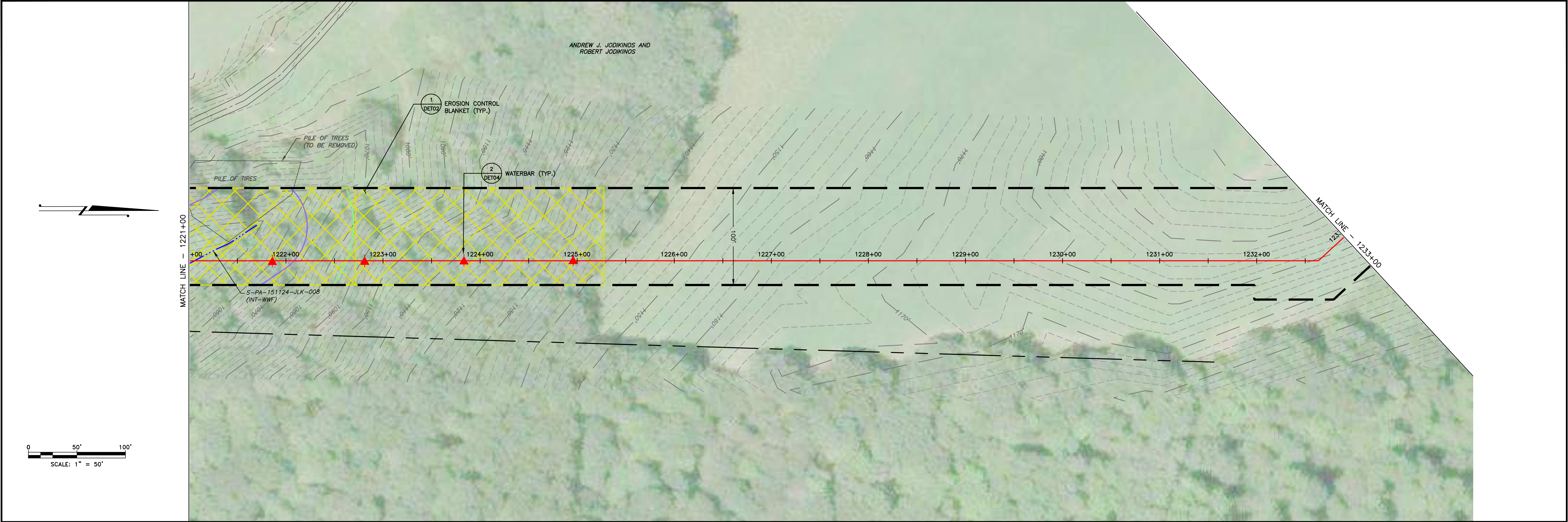
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



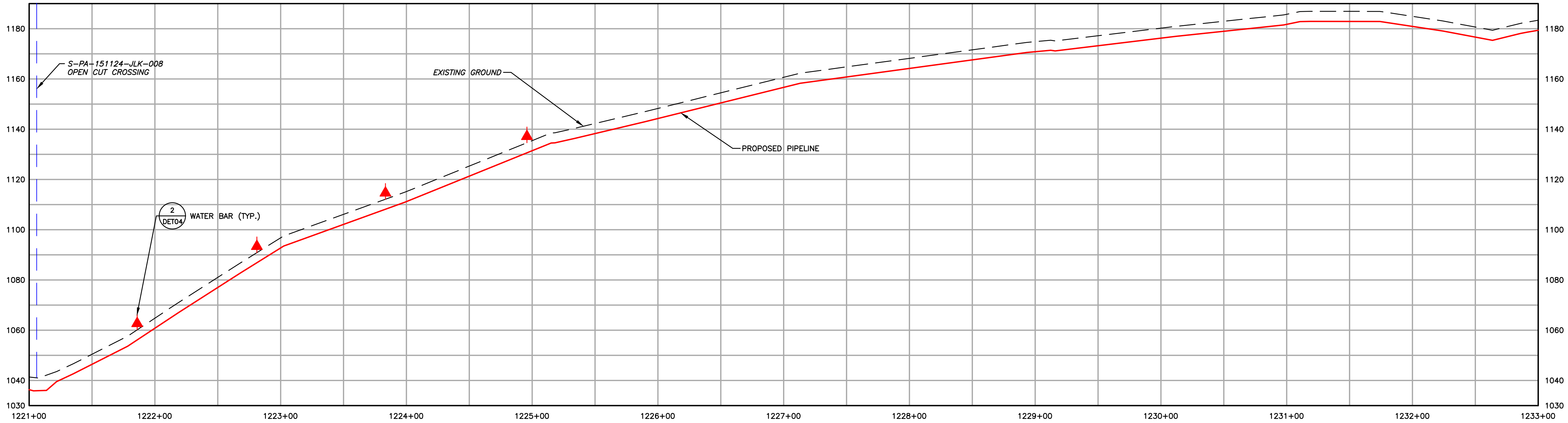
FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN SR103A - (HOU-TAR-32) BEAVER COUNTY INDEPENDENCE TOWNSHIP PENNSYLVANIA			
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120139	REVISION 2



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



1550' 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

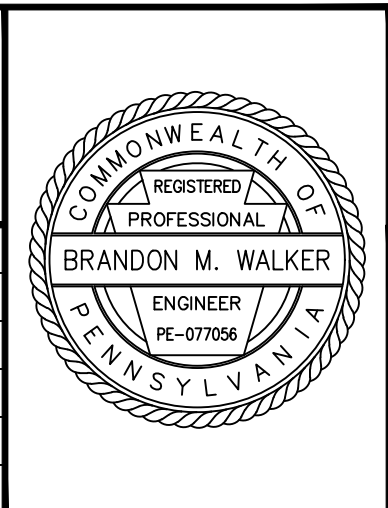
PROPOSED WATERBAR

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

HOUSTON TO JUNCTION

SITE RESTORATION PLAN

SR104 - (STA. 1221+00 TO STA. 1233+00)

BEAVER COUNTY

INDEPENDENCE TOWNSHIP

PENNSYLVANIA

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SCALE 1"=50'

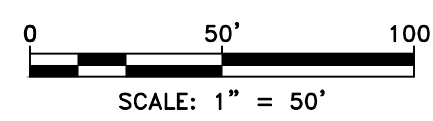
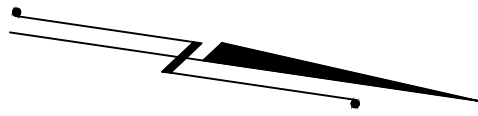
DATE 09/14/17

SPLC-GOM-AE-SD119978

REVISION 2

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Last saved by: LINCOLN\SCHAEFER (7/20/2018 3:58 PM) Last Plotted: 2018-07-31 (7/31/2018 10:48 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:

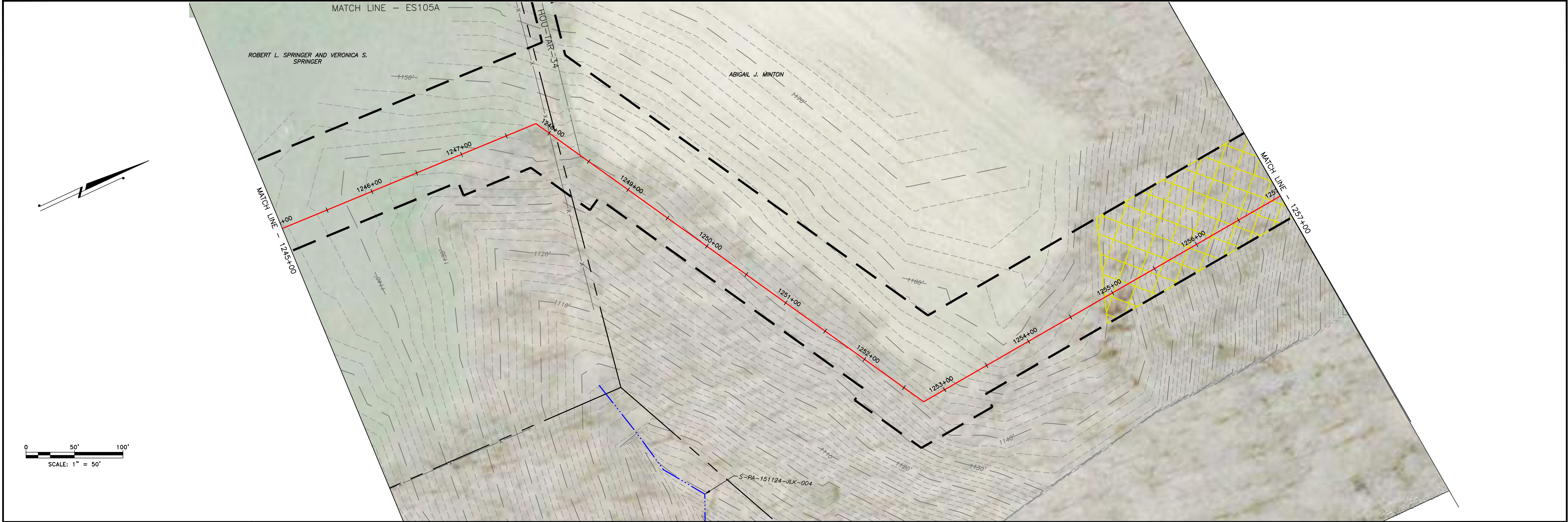
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



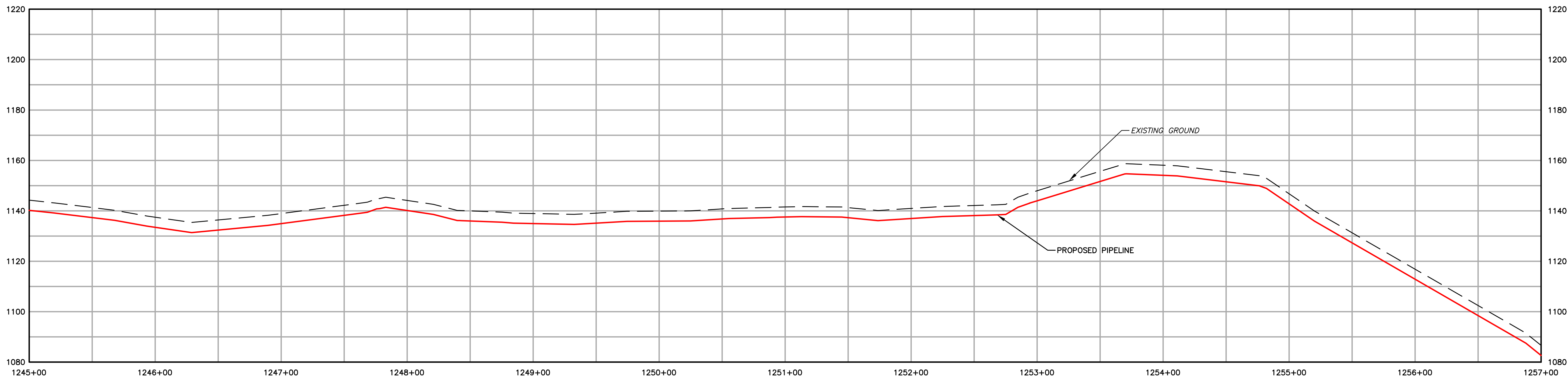
FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN SR105A - (HOU-TAR-33)		BEAVER COUNTY INDEPENDENCE TOWNSHIP PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120140	REVISION 2



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



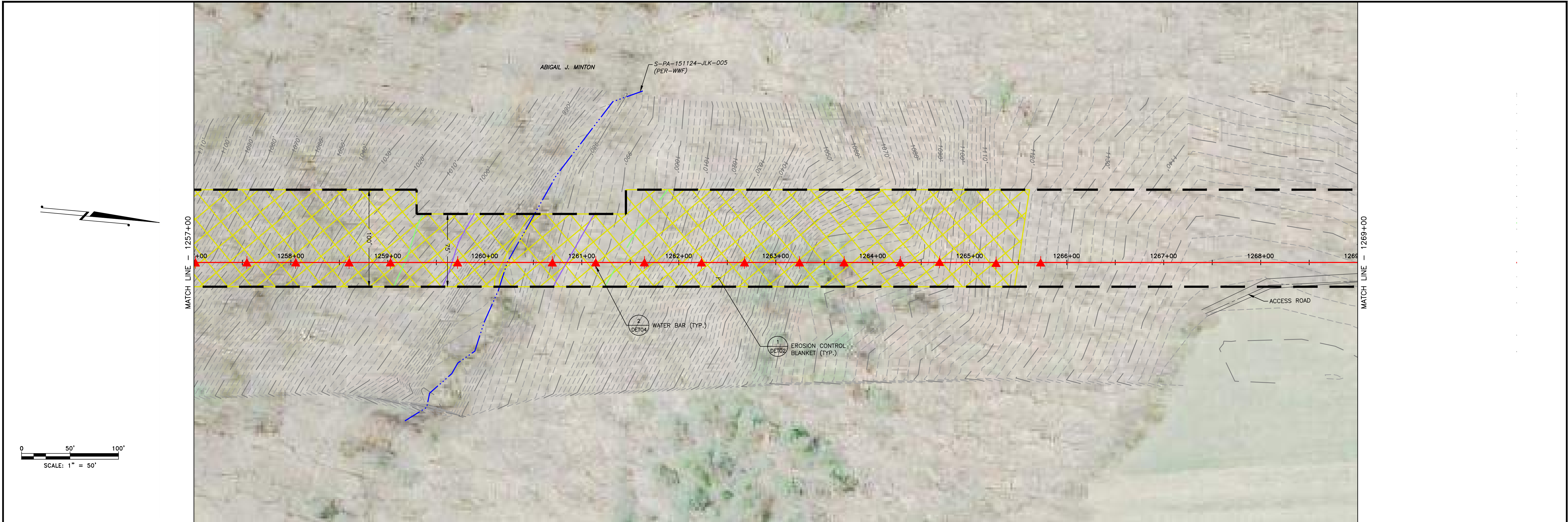
EXISTING CONTOURS (INDEX)	PROPOSED PIPELINE
EXISTING CONTOURS (INTERMEDIATE)	PROPOSED LIMIT OF DISTURBANCE
EXISTING PROPERTY LINE	ACCESS ROAD CENTERLINE
EXISTING STREAM	PROPOSED WATERBAR
EXISTING WETLAND	PROPOSED EROSION CONTROL BLANKET
SOIL TYPE BOUNDARY AND SOIL BOUNDARY	WATERSHED BOUNDARY
LAND USE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

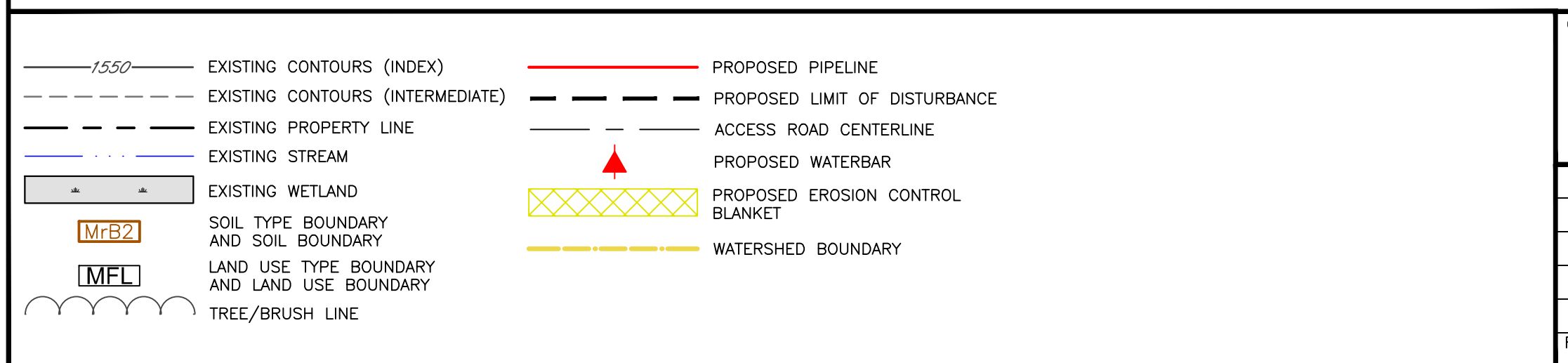
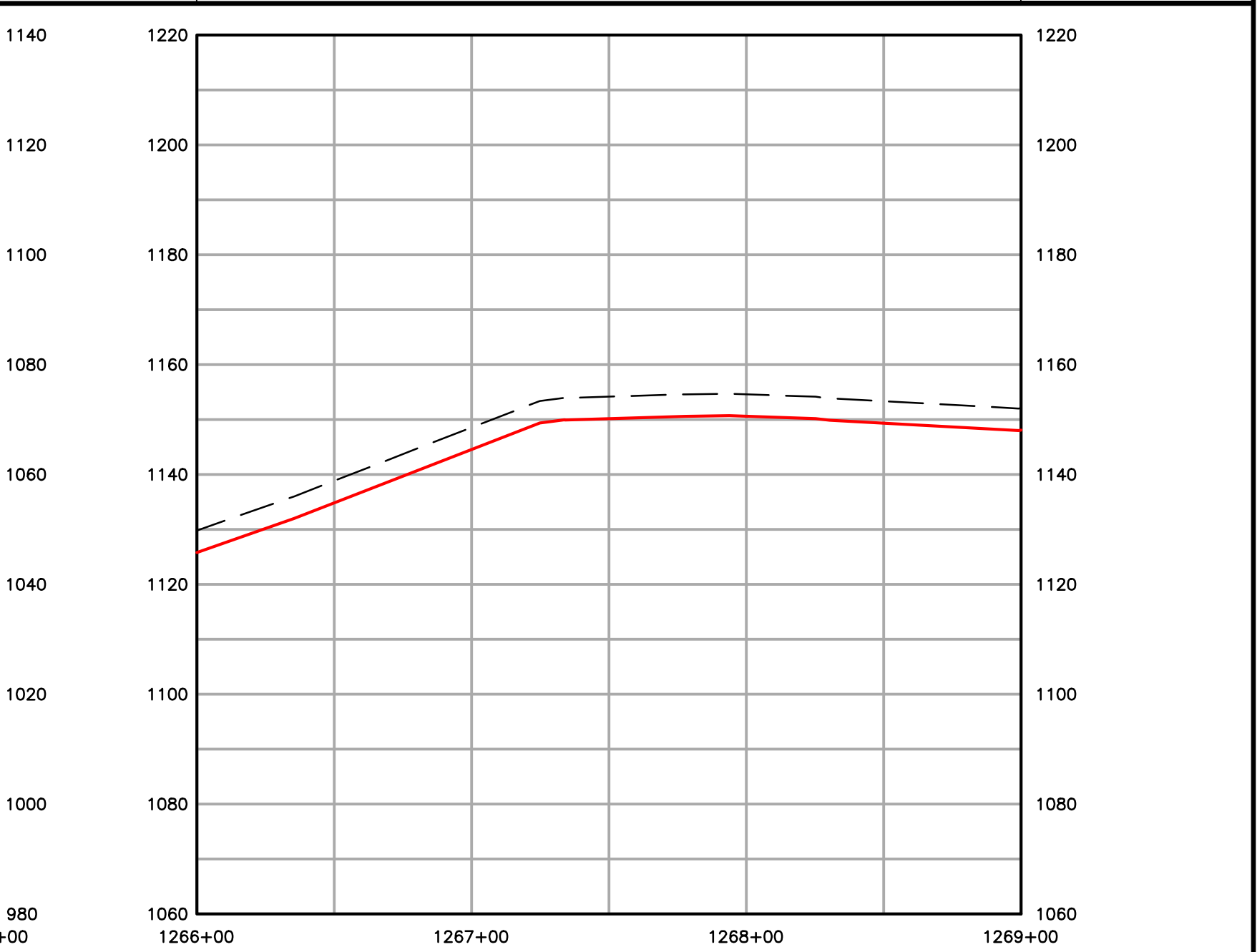
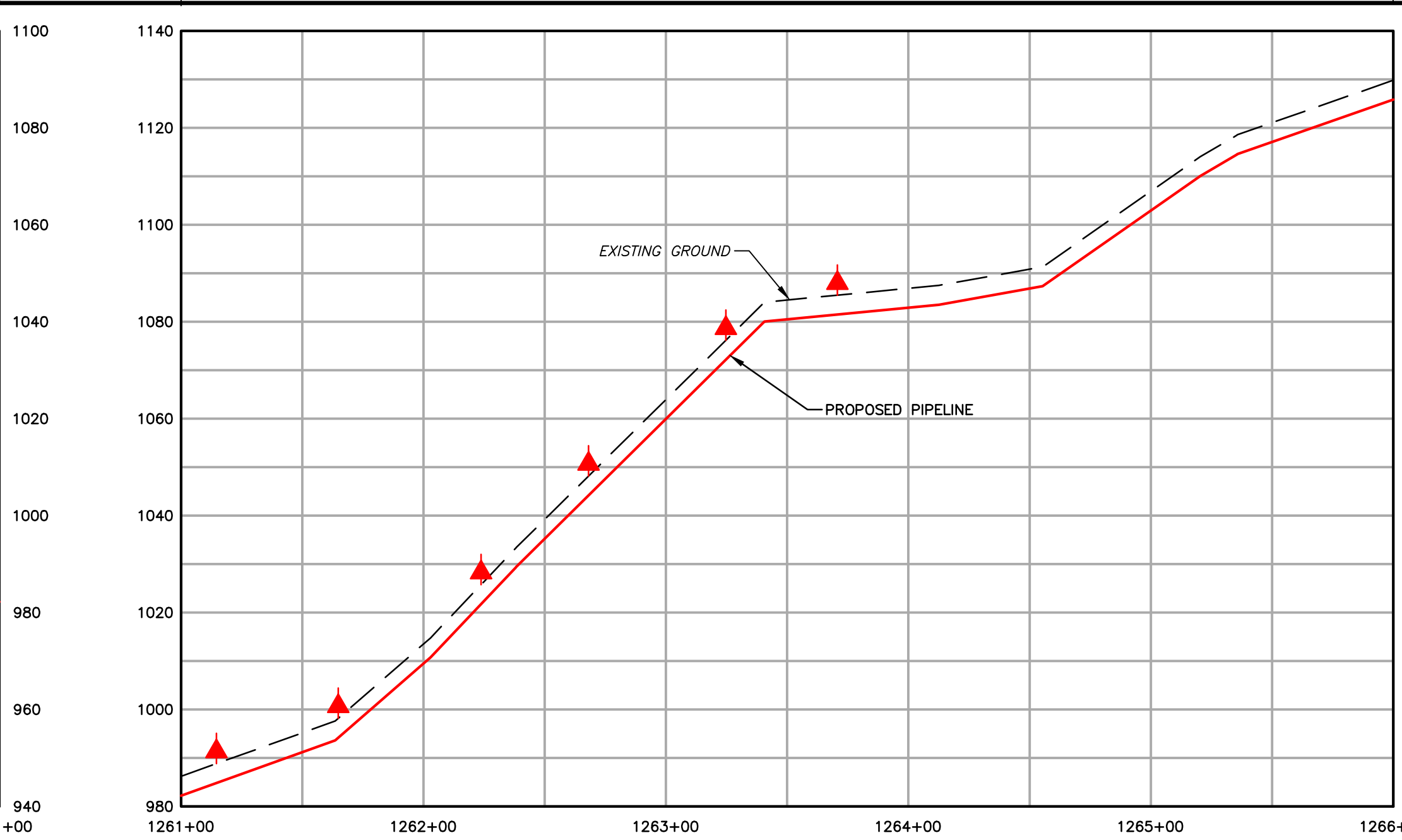
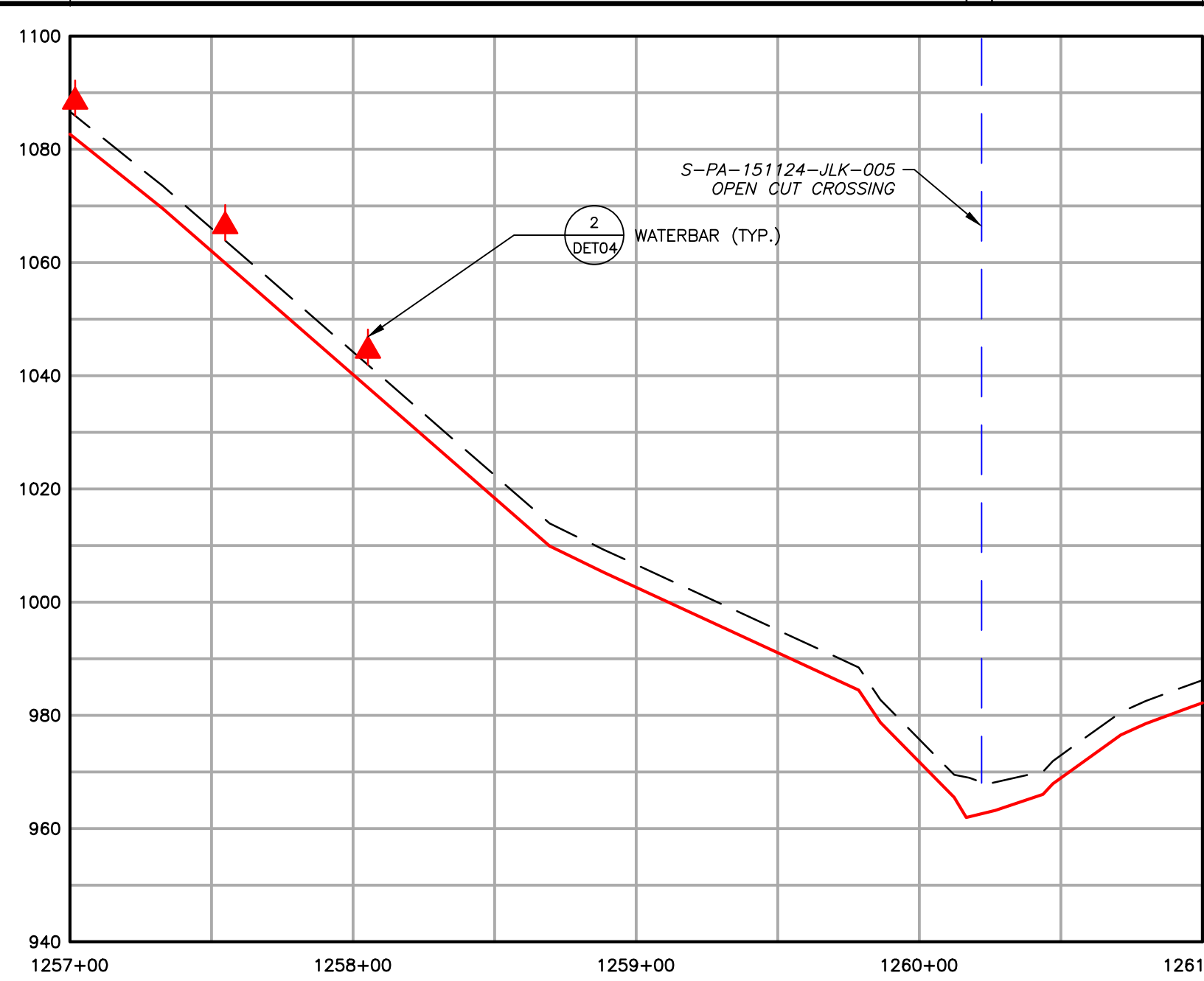


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR106 - (STA. 1245+00 TO STA. 1257+00)	
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SCALE: 1"=50'	DATE: 09/14/17	SPLC-GOM-AE-SD119980	REVISION: 2
DRAWN: ARC			

Filename: X:\PROJECTS\17471-SHELL-6048885 - FALCON-SP-11-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SP-PLANS\SR-PLANS\SR-PLAN106.DWG
Last saved by: LINCOLN SCHAEFER (7/30/2018 4:04 PM) Last Plotted: 2018-07-30 (7/30/2018 5:05 PM)

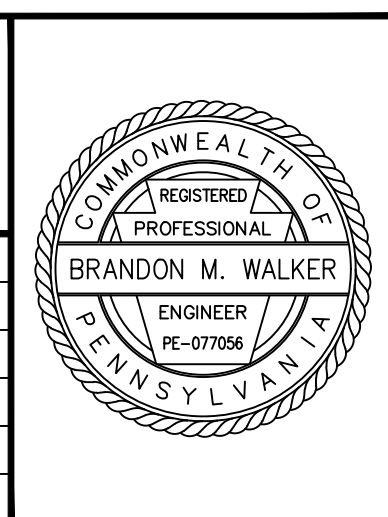


LAND USE	WOODS	STREAM	WOODS	WOODS	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'	4'	4'



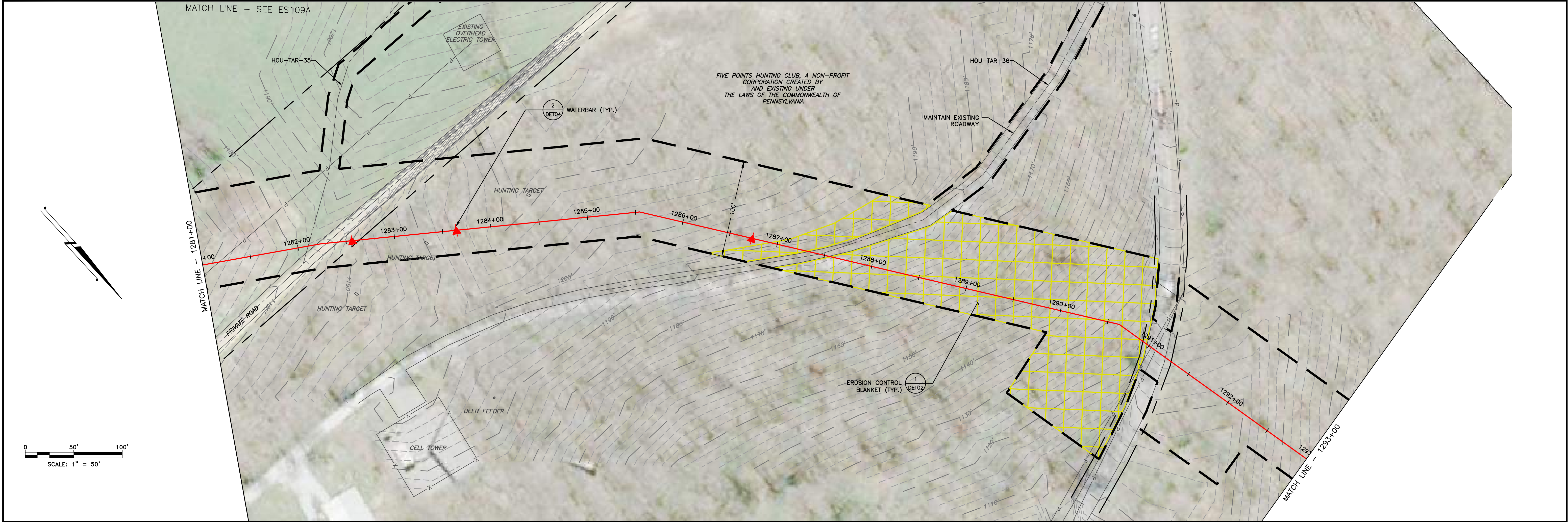
GENERAL NOTES:

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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

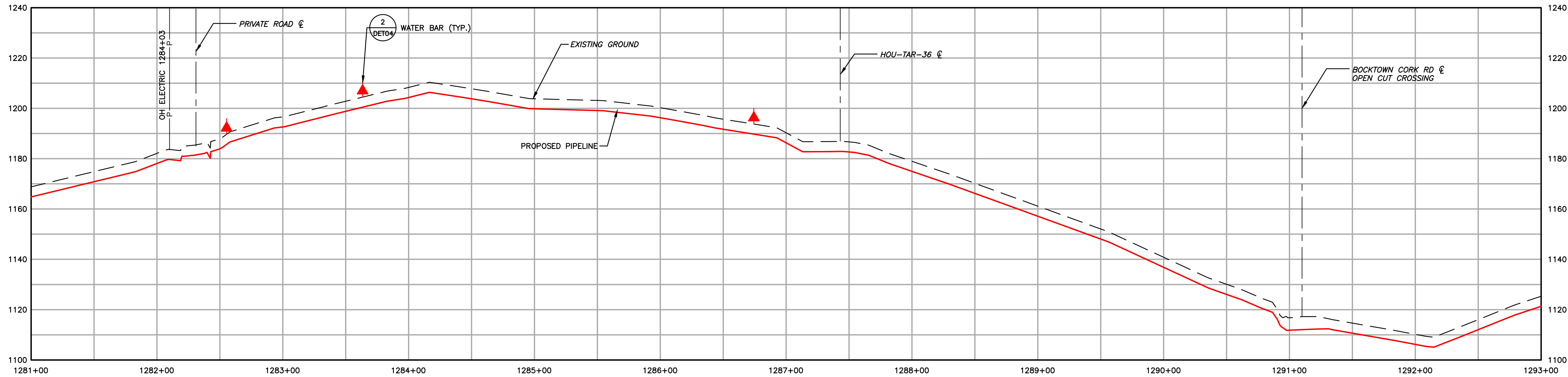


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR107 - (STA. 1257+00 TO STA. 1269+00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD119981	REVISION 2

Filename: X:\PROJECTS\17471 SHELL 6048885 - FALCON 300-WORP\31-ENVIRONMENTAL\30-SHEETS\PENNSYLVANIA\SR-PLANS\SR_PLAN107.DWG
Last saved by: LINCOLN SCHAEFER (7/30/2018 4:04 PM) Last Plotted: 2018-07-30 (7/30/2018 5:07 PM)



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



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	

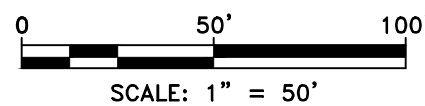
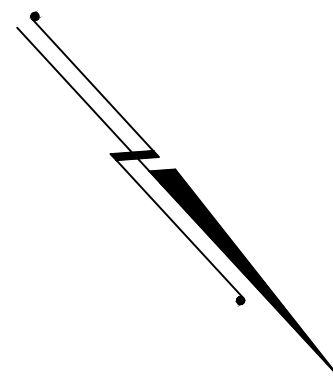
GENERAL NOTES:					
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1	12/05/17	REVISED PER CCD/DEP REVIEW	LJS	JWR	
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR	
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP	



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR109 - (STA. 1281+00 TO STA. 1293+00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD119983	REVISION 2

Filename: X:\PROJECTS\17471 SHELL 6048885 - FALCON ETHANE PIPELINE SYSTEM\17471 SHELL 6048885\SP-PLANS\SR-PLANS\SR-PLAN109.DWG
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Filename: \\projects\1747\shells\40488885 - FALCON 900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR-PLAN109A.DWG
Last saved by: LINCOLN\SCHAEFER (7/20/2018 3:58 PM) Last Plotted: 2018-07-31 (7/31/2018 10:50 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

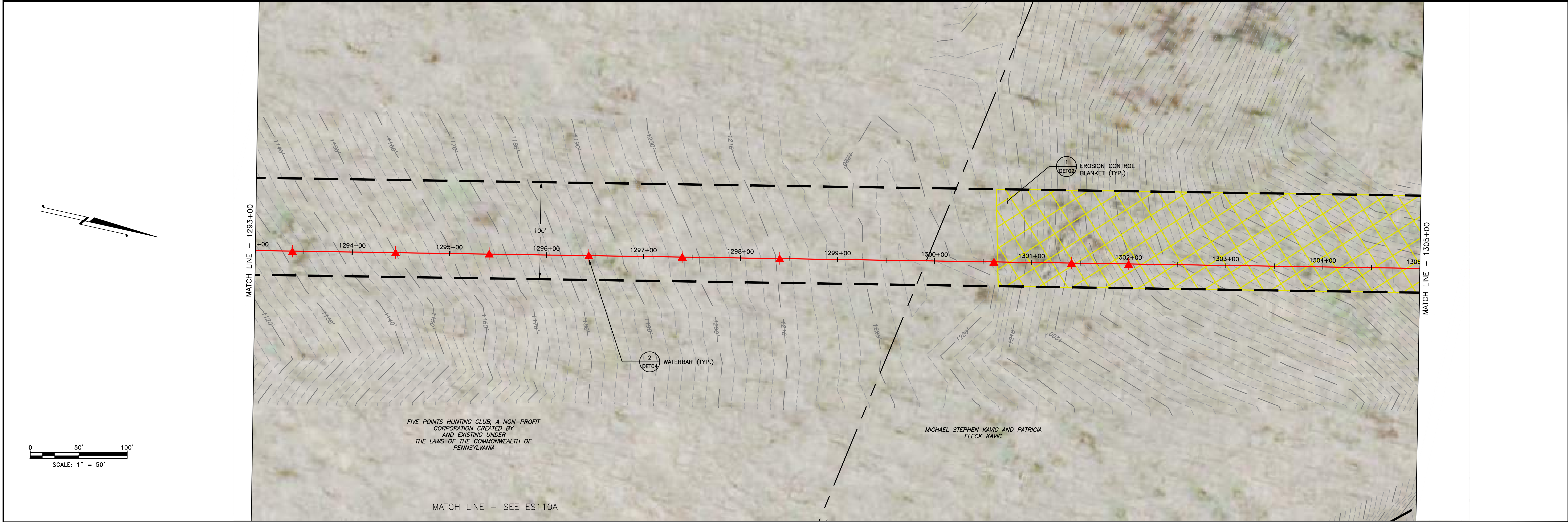


FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

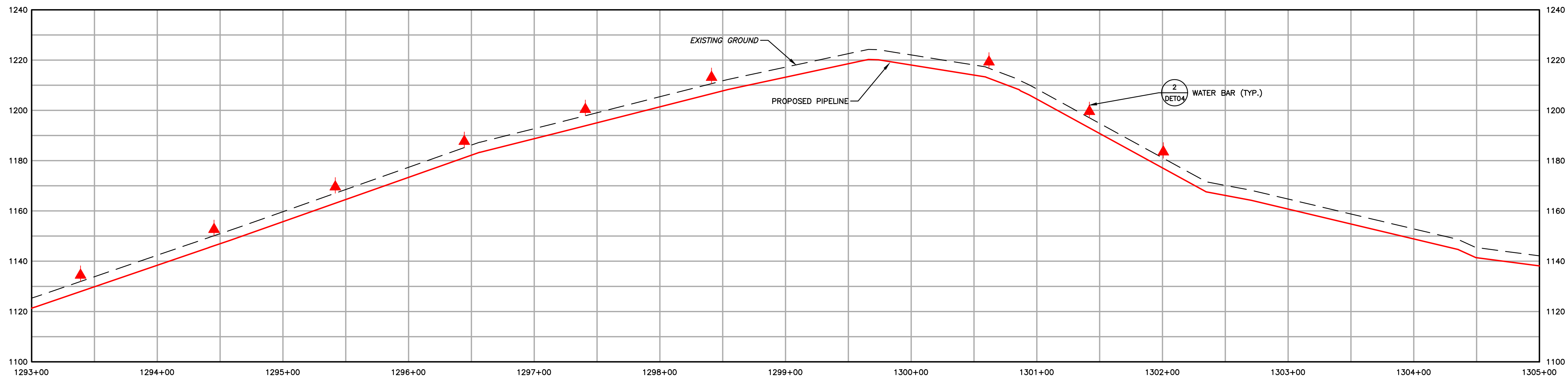
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SITE RESTORATION PLAN		SR109A - (HOU-TAR-35 HOU-TAR-36)	
BEAVER COUNTY		INDEPENDENCE TOWNSHIP	
SCALE 1"=50'		DATE 09/14/17	REVISION 2
DRAWN ARC		SPLC-GOM-AE-SD120141	

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Last saved by: ALEXANDER CURTICE (7/21/2018 9:23 AM) Last Plotted: 2018-07-31 (7/21/2018 9:23 AM)

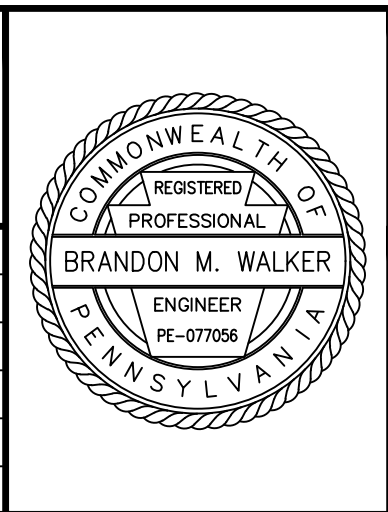


LAND USE	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'



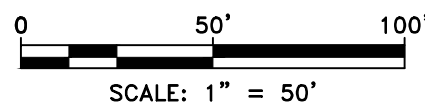
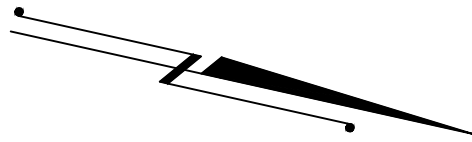
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	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED 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			
HOUSTON TO JUNCTION		SR110 - (STA. 1293+00 TO STA. 1305+00)			
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		PENNSYLVANIA			
SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD119984	REVISION 2
DRAWN	ARC				

Filename: \\projects\1747\shell\6048885 - FALCON 900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR-PLAN1.DWG
Last saved by: LINCOLN\SHARPEE (7/20/2018 4:00 PM) Last Plotted: 2018-07-31 (7/31/2018 10:57 AM)



- | | | |
|-------------|--|----------------------------------|
| 1,550' | 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
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

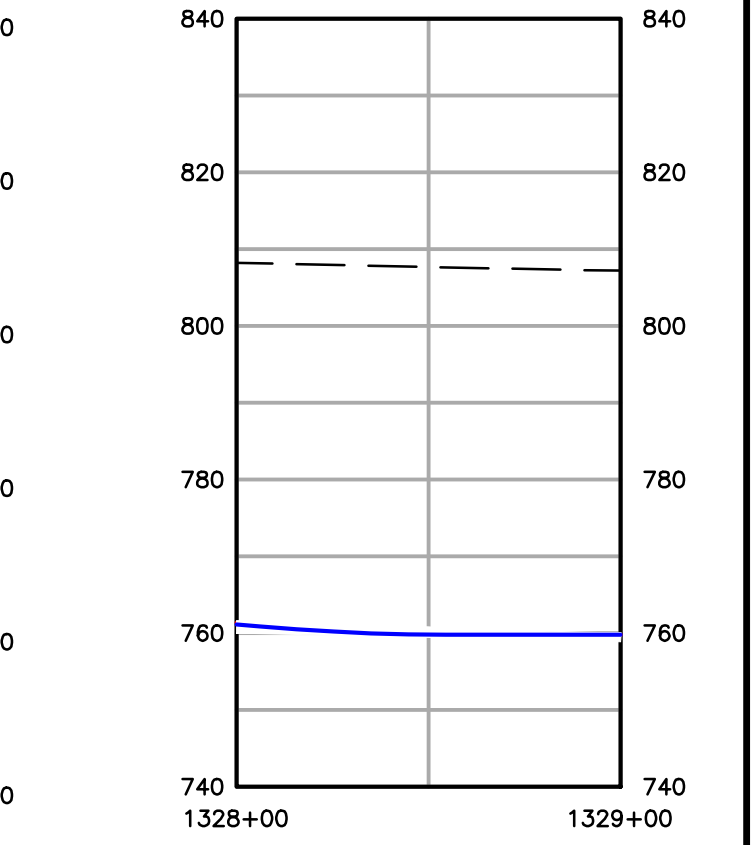
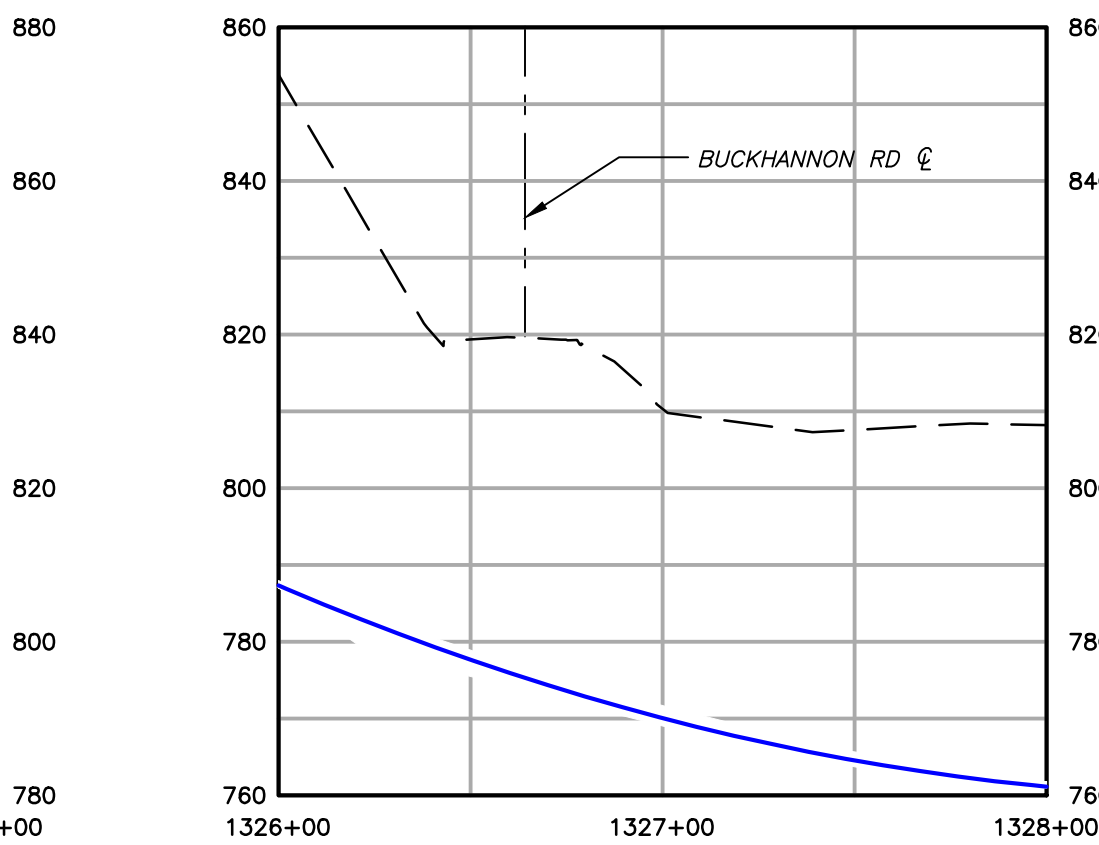
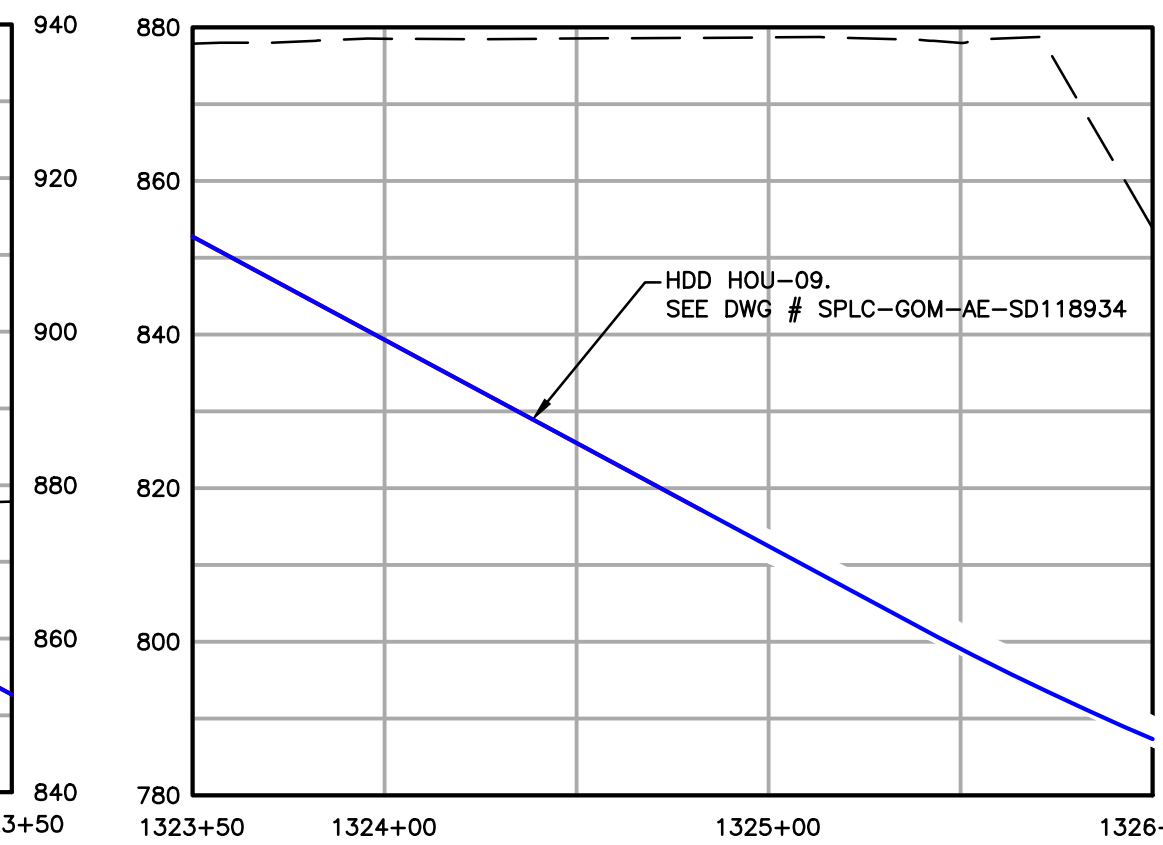
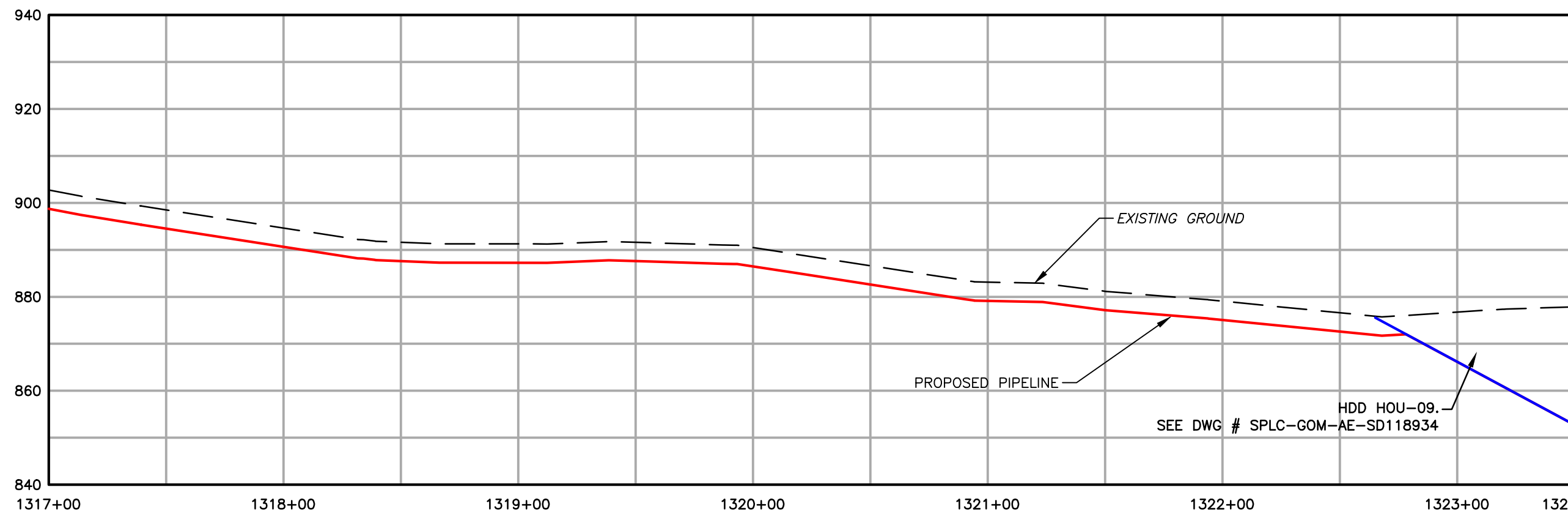
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SITE RESTORATION PLAN SR110A - (HOU-TAR-37) BEAVER COUNTY INDEPENDENCE TOWNSHIP PENNSYLVANIA			
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120142	REVISION 2

Filename: \\PROJECTS\1747\SH-PLAN\11-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLAN\SR-PLAN11.DWG
Last saved by: ALEXANDER CURTIS (7/21/2018 9:35 AM) Last Plotted: 2018-07-31 (7/31/2018 9:36 AM)

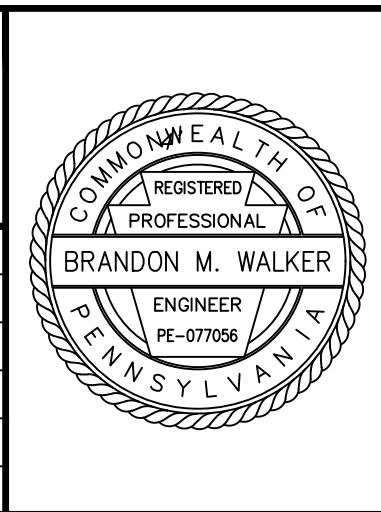


LAND USE	WOODS	FIELD	WOODS	FIELD	WOODS	WOODS	ROAD	WOODS	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'	4'	4'	4'	4'	5'	4'	4'



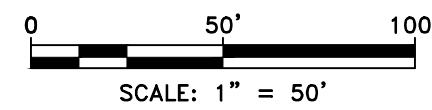
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	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBARS
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		
	LAND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

GENERAL NOTES:			
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
REV NO	DATE	DESCRIPTION OF REVISION	CHK APP



FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR112 - (STA. 1317+00 TO STA. 1329+00)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD119986	REVISION 2

Filename: \\projects\1747\shell\60489885 - FALCON 900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR112A.DWG
Last saved by: ALEXANDER CURTICE (7/31/2018 10:11 AM) Last Plotted: 2018-07-31 (7/31/2018 10:52 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

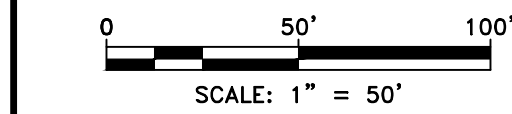
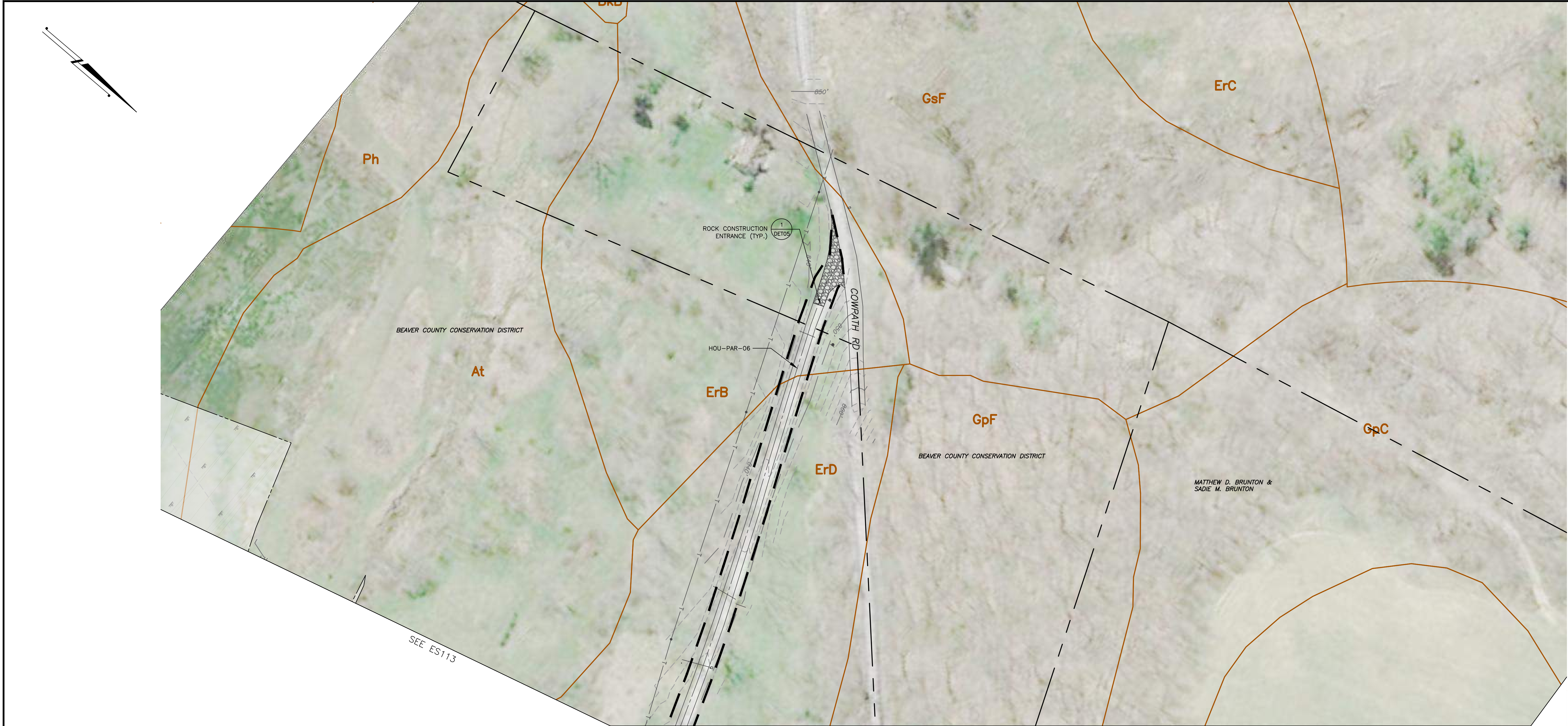


FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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BEAVER COUNTY		INDEPENDENCE TOWNSHIP		PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/17	SPLC-GOM-AE-SD120143	REVISION 2
DRAWN	ARC				

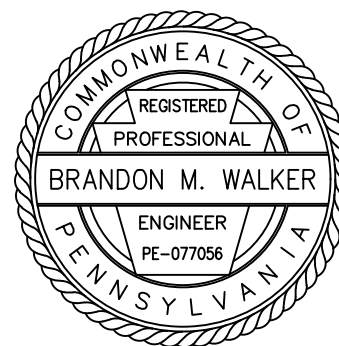
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Last saved by: TASHIA WICKMEYER (7/19/2018 10:53 AM) Last Plotted: 2018-07-31 (7/31/2018 10:53 AM)



	EXISTING CONTOURS (INDEX)		PROPOSED PIPELINE		PROPOSED ORANGE SAFETY FENCE
	EXISTING CONTOURS (INTERMEDIATE)		LIMIT OF DISTURBANCE/PERMIT BOUNDARY		PROPOSED TIMBER MAT
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE		PROPOSED EROSION CONTROL BLANKET
	EXISTING STREAM		PROPOSED SILT FENCE (BY TYPE)		PROPOSED STONE CONSTRUCTION ENTRANCE
	ASSUMED FLOODWAY (50 FEET)		PROPOSED COMPOST FILTER SOCK		WATERSHED BOUNDARY
	STREAM BUFFER (100 FEET)		PROPOSED RIGHT OF WAY DIVERSION		SOIL TYPE BOUNDARY AND SOIL BOUNDARY
	EXISTING WETLAND		PROPOSED TRENCH PLUG		LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY
	FEMA 100 YEAR FLOODPLAIN				
	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	LJS	JWR

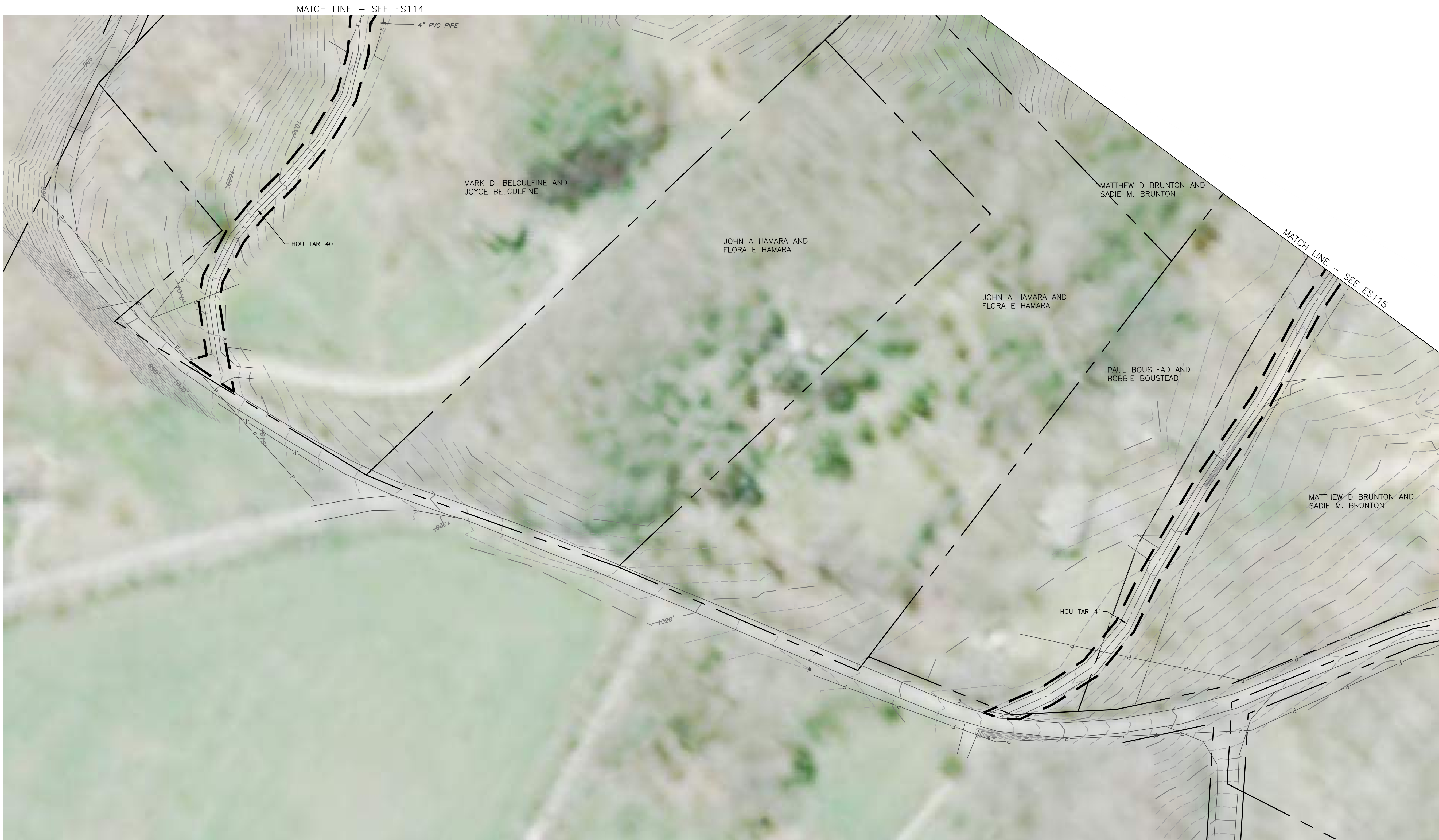
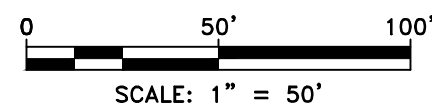
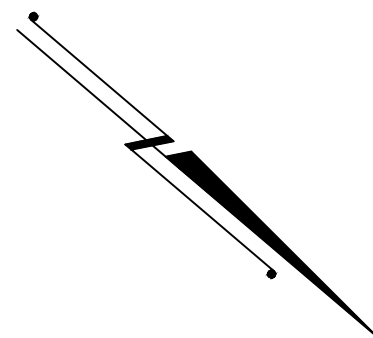


FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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EROSION AND SEDIMENT CONTROL PLAN ES113A - (HOU-PAR-06)		BEAVER COUNTY INDEPENDENCE TOWNSHIP PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/2017
DRAWN	TLM	SPLC-GOM-AE-SD119787	REVISION 2

Filename: \\projects\1747\shell\60498885 - FALCON 900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR-PLAN114.DWG
Last saved by: LINCOLN.SCHAEFER (7/20/2018 4:00 PM) Last Plotted: 2018-07-31 (7/31/2018 10:53 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:

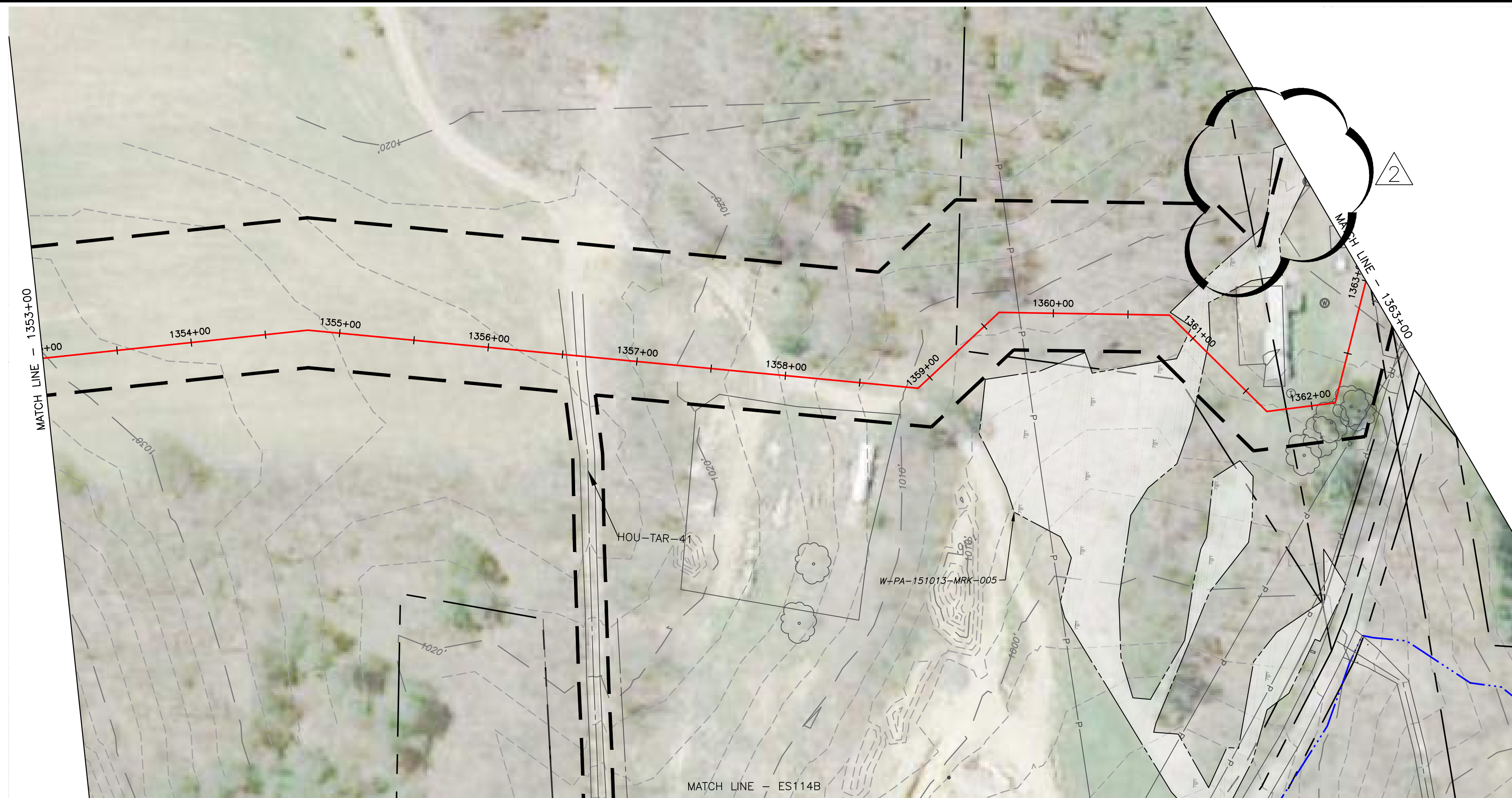
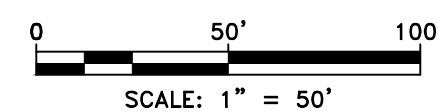
REV NO	DATE	DESCRIPTION OF REVISION	CHK	APP
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR



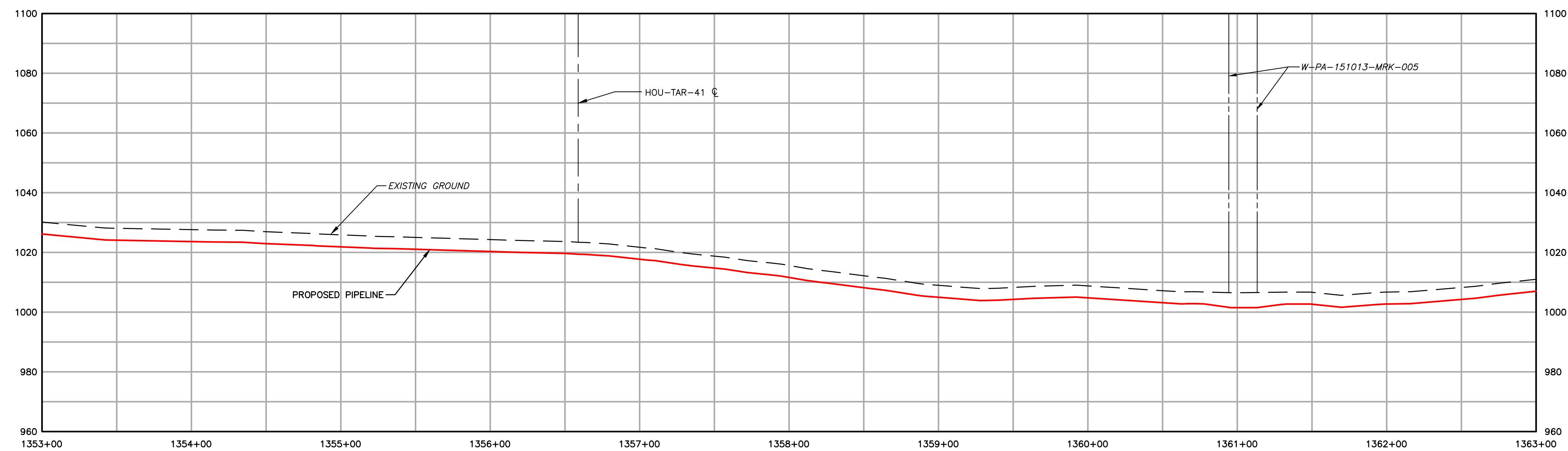
FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN		SR114A - (HOU-PAR-06)	
BEAVER COUNTY		INDEPENDENCE TOWNSHIP PENNSYLVANIA	
SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD120144	REVISION 2



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

[illegible]

FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

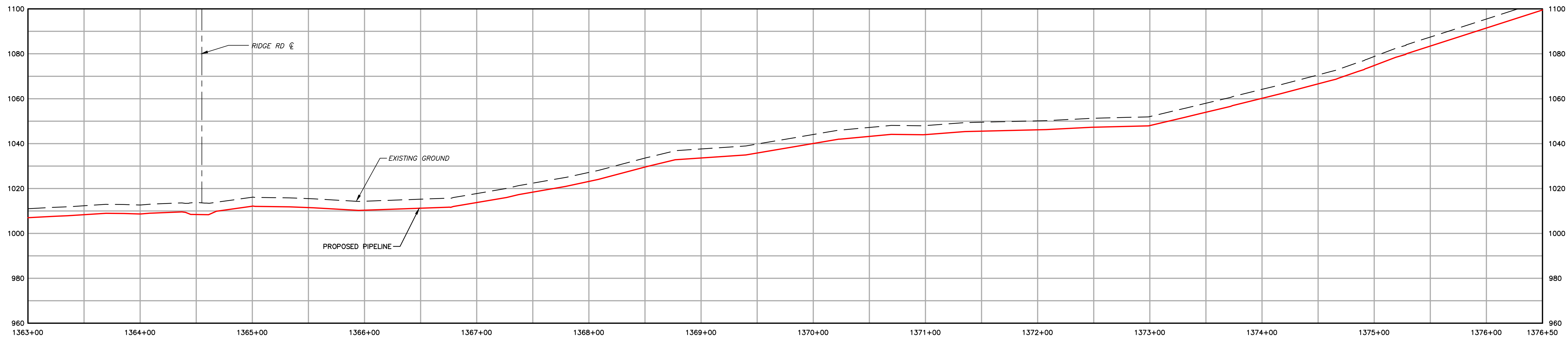
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SITE RESTORATION PLAN
SR115 - (STA. 1353+00 TO STA. 1363+00)
BEAVER COUNTY INDEPENDENCE TOWNSHIP PENNSYLVANIA

SCALE	1"=50'	DATE	SPLC-GOM-AE-SD119989	REVISION 2
DRAWN	ARC	09/14/17		

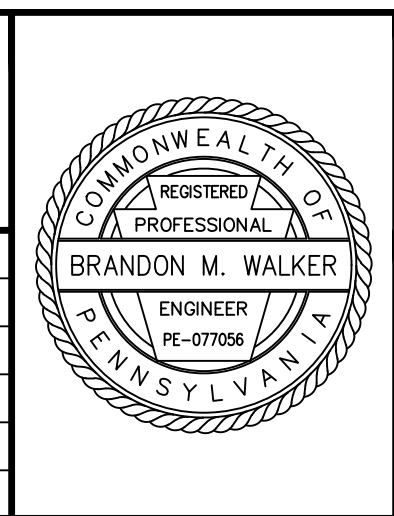


LAND USE	FIELD	ROAD	FIELD
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'



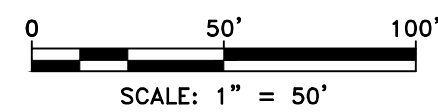
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---	EXISTING PROPERTY LINE	ACCESS ROAD CENTERLINE
---	EXISTING STREAM	PROPOSED WATERBAR
---	EXISTING WETLAND	PROPOSED EROSION CONTROL BLANKET
---	SOIL TYPE BOUNDARY AND SOIL BOUNDARY	WATERSHED BOUNDARY
---	LAND USE TYPE BOUNDARY AND LAND USE BOUNDARY	
---	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		SR116 - (STA. 1363+00 TO STA. 1376+50)	
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SCALE	1"=50'	DATE	09/14/17
DRAWN	ARC	SPLC-GOM-AE-SD119990	REVISION 2

Filename: \\projects\1747\shell\6049885 - FALCON 900-WORK\911-ENVIRONMENTAL\20-SHEETS\PENNSYLVANIA\SR-PLANS\SR-PLAN116.DWG
Last saved by: ALEXANDER CURTICE (7/21/2018 9:47 AM) Last Plotted: 2018-07-31 (7/21/2018 9:47 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
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1	12/05/17	REVISED PER CCD/DEP REVIEW	BMW	JWR
0	09/14/17	ISSUED FOR PERMIT	BMW	JWR

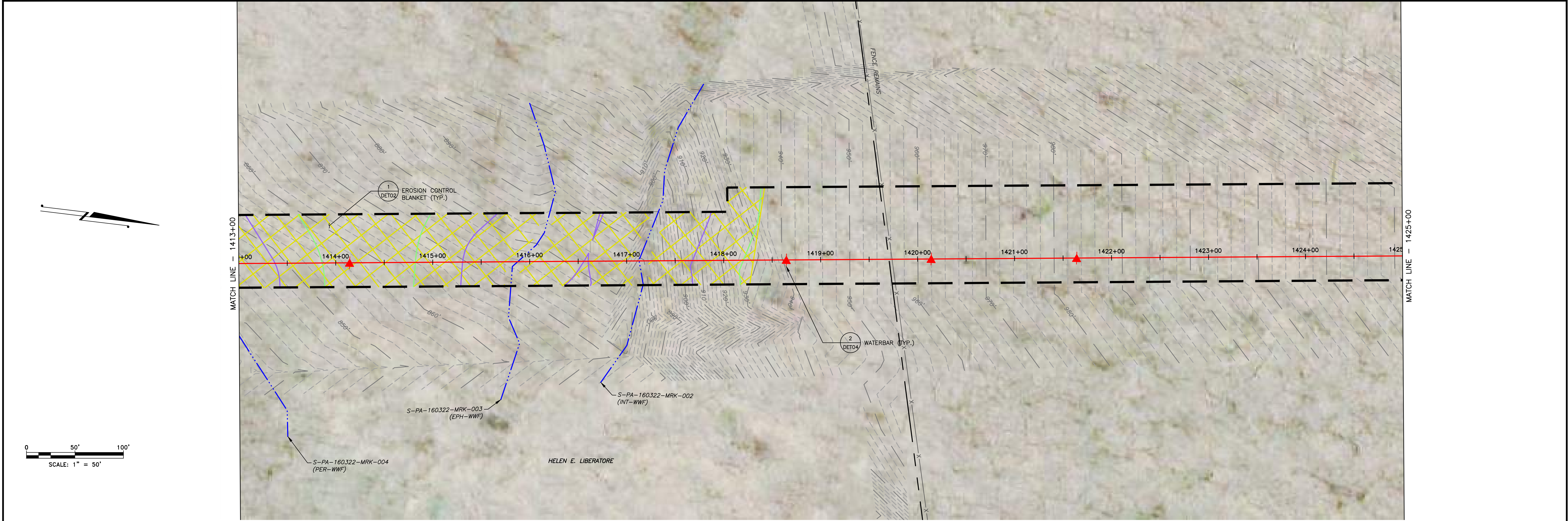


FALCON ETHANE PIPELINE SYSTEM
HOUSTON TO JUNCTION

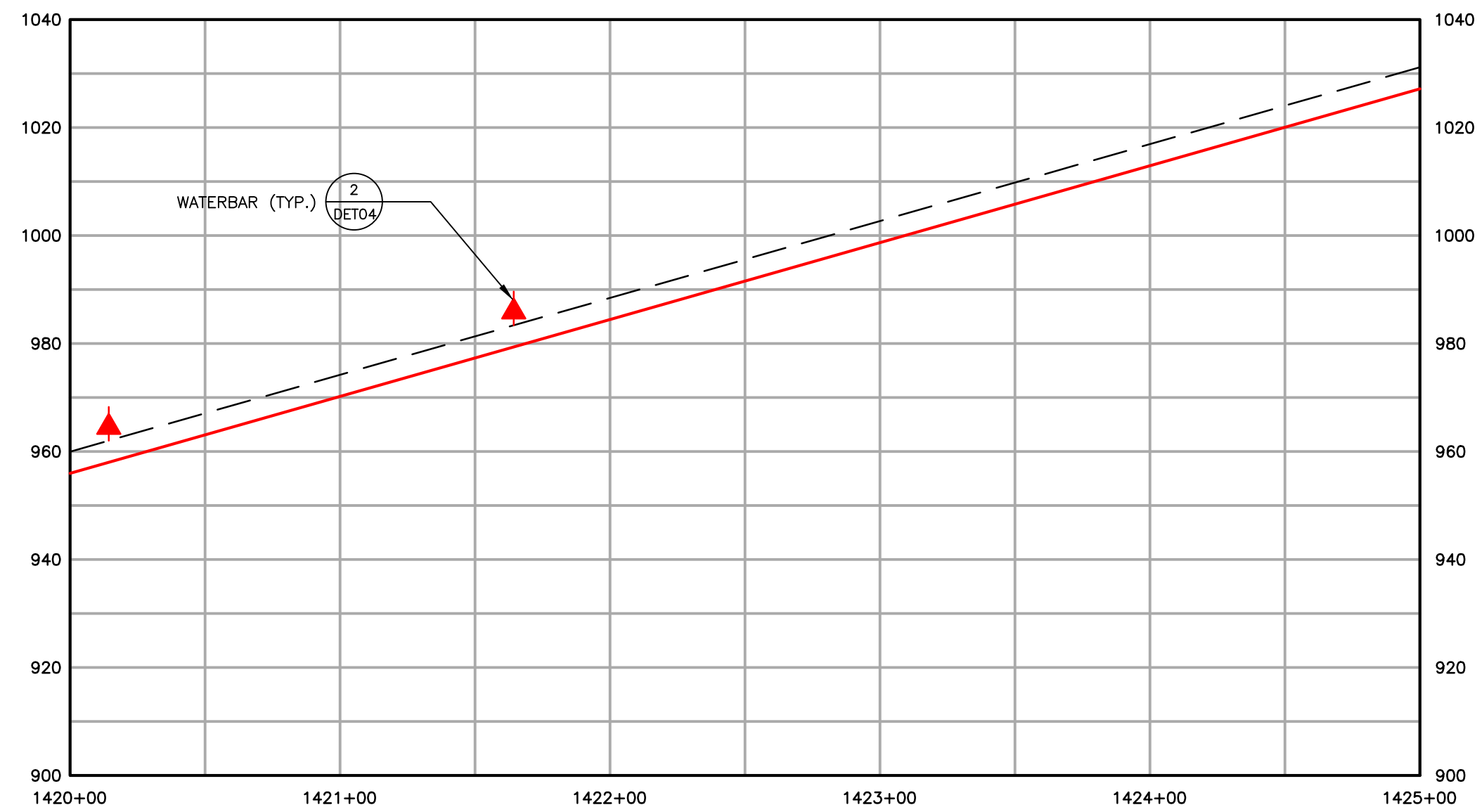
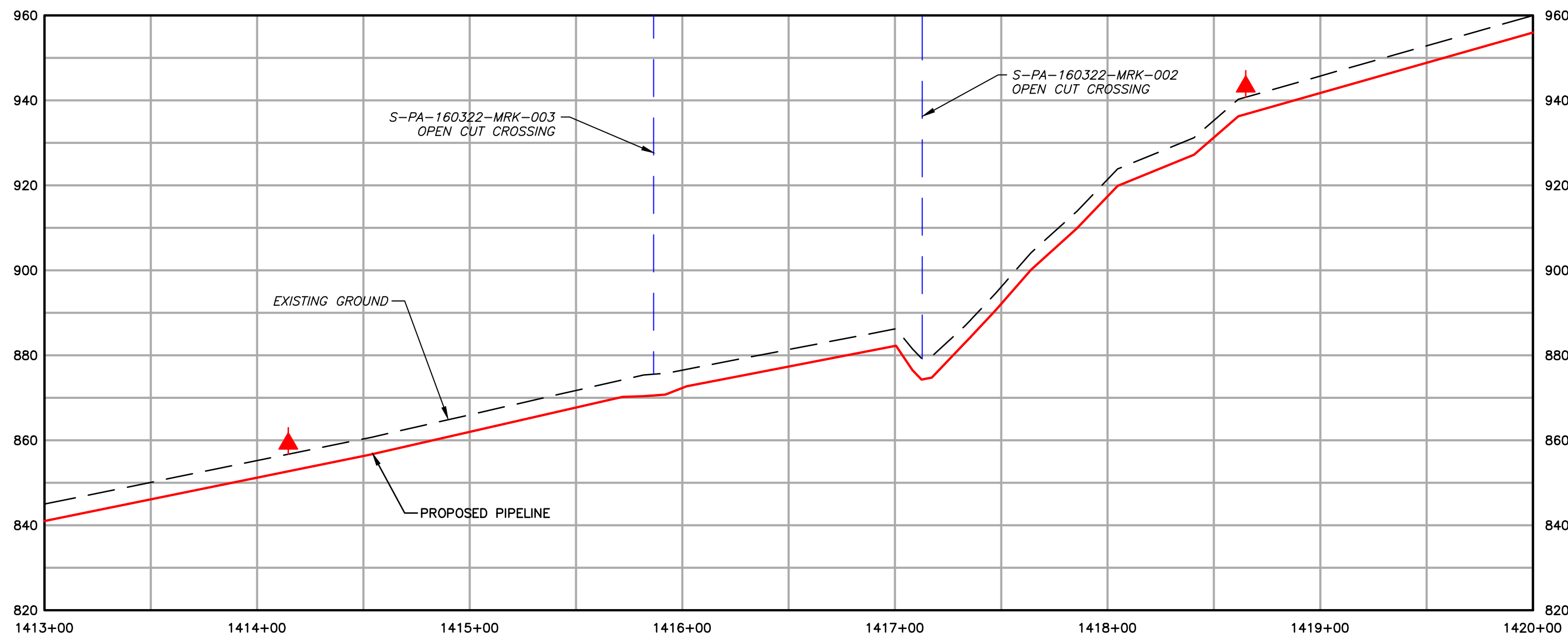
THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER MAKE ANY WARRANTY AS TO THE CORRECTNESS OR COMPLETENESS OF THE INFORMATION CONTAINED ON THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY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

SCALE 1"=50'		DATE	SPLC-GOM-AE-SD119404		REVISION
DRAWN ARC		09/14/17			2

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Last saved by: LINCOLN SCHAEFER (7/31/2018 11:25 AM) Last Plotted: 2018-07-31 (7/31/2018 11:26 AM)



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



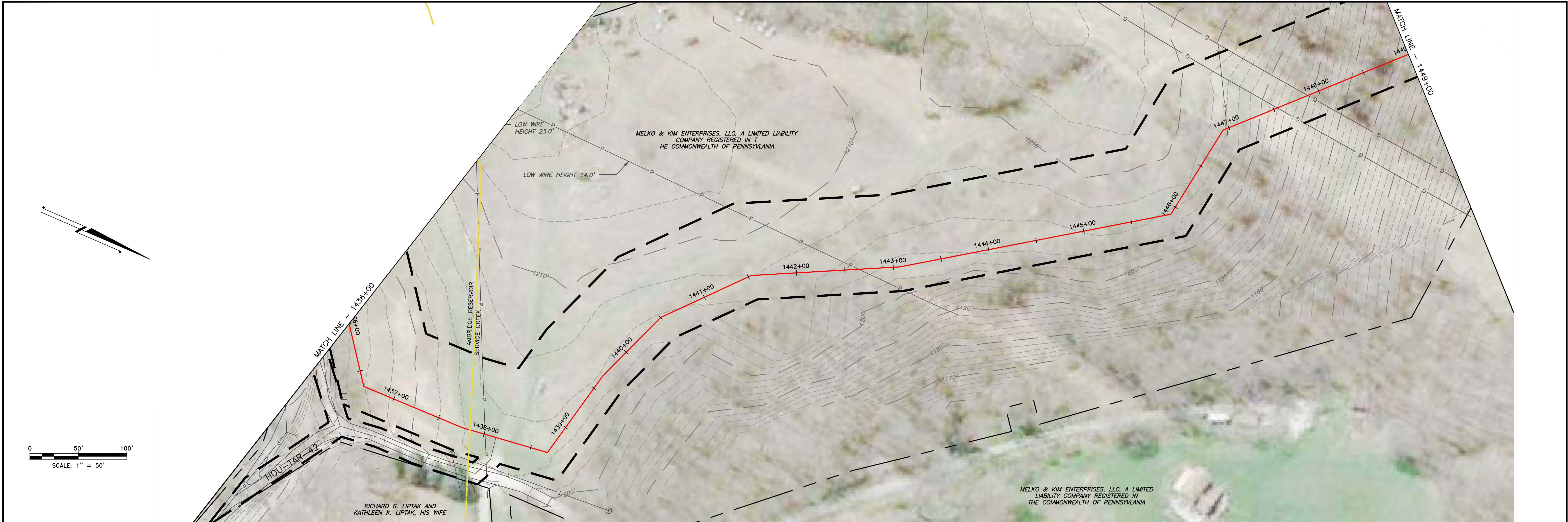
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---	EXISTING CONTOURS (INTERMEDIATE)	PROPOSED LIMIT OF DISTURBANCE
---	EXISTING PROPERTY LINE	ACCESS ROAD CENTERLINE
---	EXISTING STREAM	PROPOSED WATERBAR
---	EXISTING WETLAND	PROPOSED EROSION CONTROL BLANKET
---	SOIL TYPE BOUNDARY AND SOIL BOUNDARY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

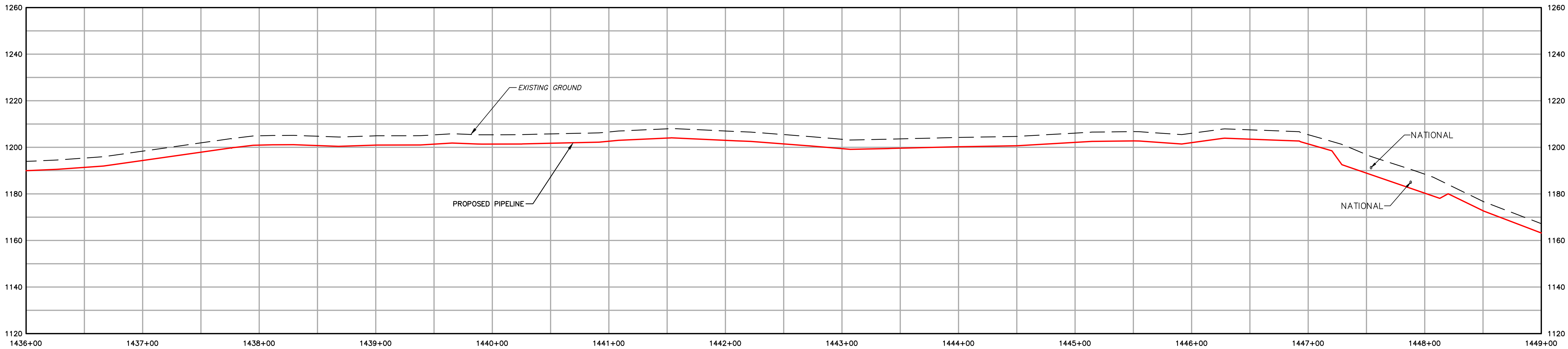


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR120 - (STA. 1413+00.00 TO STA. 1425+00.00)	
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SCALE: 1"=50'	DATE: 09/14/17	SPLC-GOM-AE-SD119994	REVISION: 2
DRAWN: ARC			

Filename: X:\PROJECTS\1747-SHELBY-60488888 - FALCON-ETHANE-PIPELINE-SYSTEM\1747-SHELBY-60488888-SP-PLANS\SP-PLAN-120.DWG
Last saved by: LINCOLN SCHAEFER (7/30/2018 4:06 PM) Last Plotted: 2018-07-30 (7/30/2018 5:07 PM)

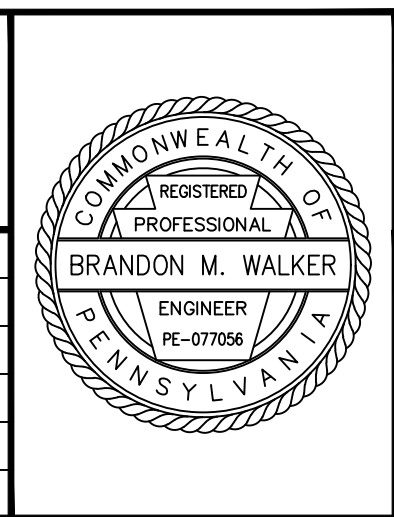


LAND USE	WOODS	ROAD	WOODS	FIELD	WOODS	FIELD	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	5'	4'	4'	4'	4'	4'



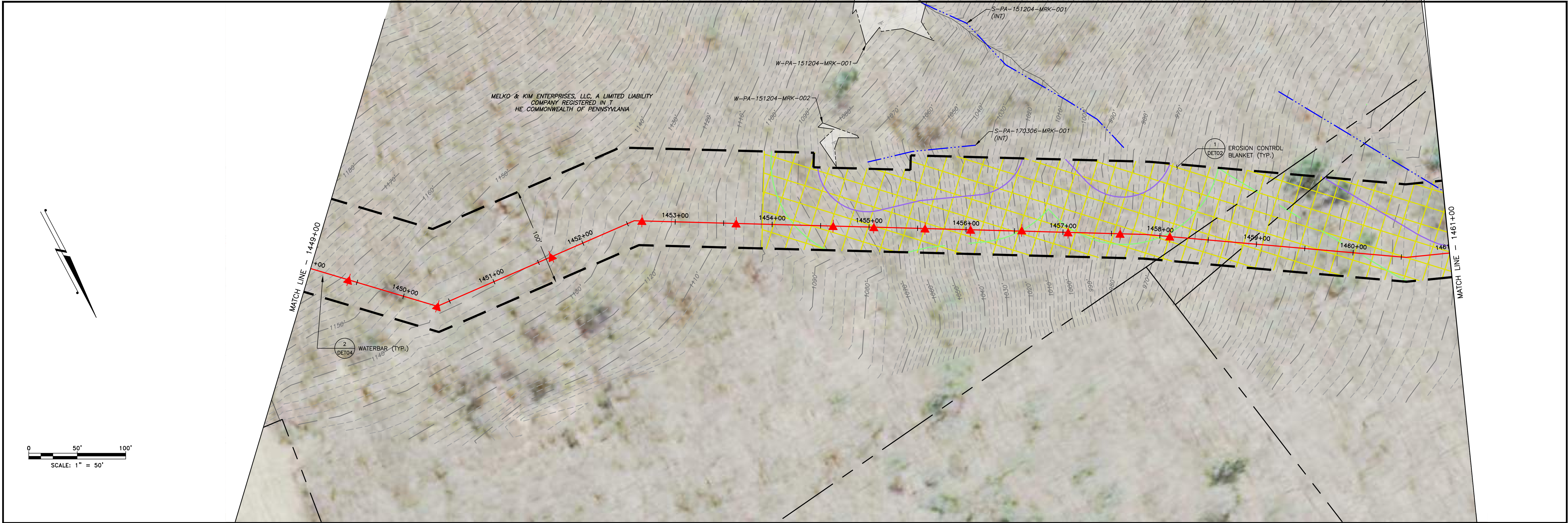
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	EXISTING CONTOURS (INTERMEDIATE)		PROPOSED LIMIT OF DISTURBANCE
	EXISTING PROPERTY LINE		ACCESS ROAD CENTERLINE
	EXISTING STREAM		PROPOSED WATERBAR
	EXISTING WETLAND		PROPOSED EROSION CONTROL BLANKET
	SOIL TYPE BOUNDARY AND SOIL BOUNDARY		WATERSHED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

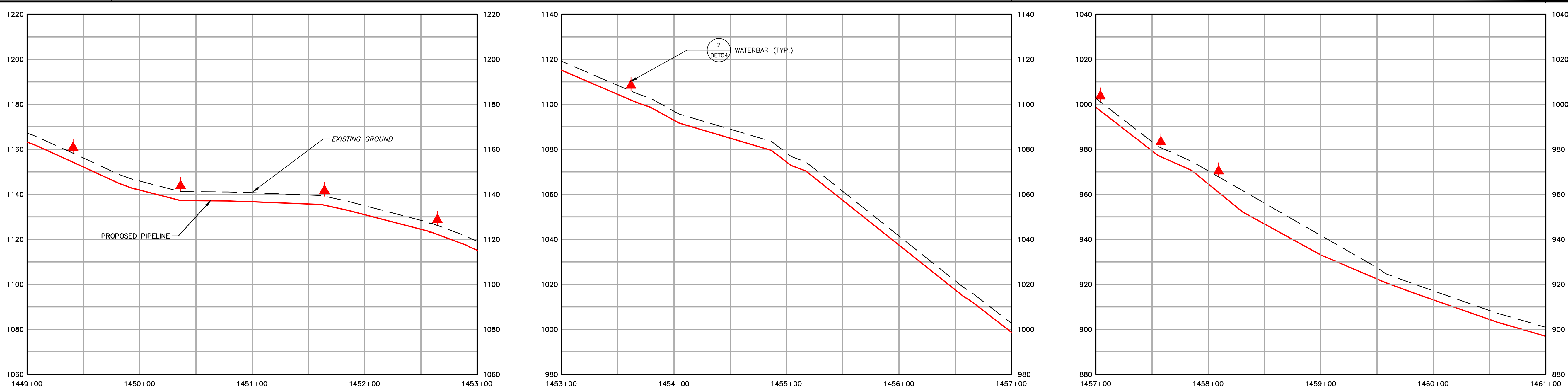


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR122 - (STA. 1436+00.00 TO STA. 1449+00.00)	
THIS DOCUMENT IS CONFIDENTIAL AND IT SHALL NOT BE REPRODUCED OR REDISTRIBUTED WITHOUT PRIOR PERMISSION. NEITHER THE OPERATOR NOR THE OWNER MAKE ANY WARRANTY AS TO THE CORRECTNESS OR 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	SPLC-GOM-AE-SD119996	REVISION 2
DRAWN ARC			

Filename: X:\PROJECTS\17471-SHELL-6048885 - FALCON-SP-2018-07-30\17471-SHELL-6048885-SP-PLANS\SR-PLAN122.DWG
Last saved by: LINCOLN SCHAEFER (7/30/2018 4:06 PM) Last Plotted: 2018-07-30 (7/30/2018 5:09 PM)

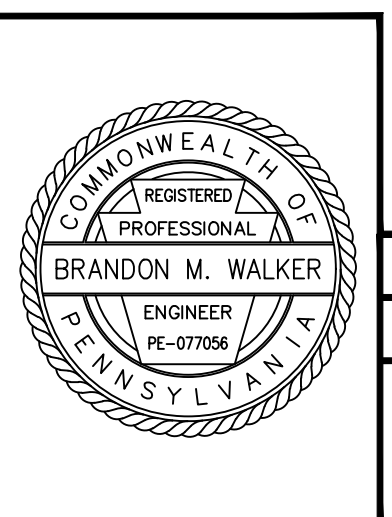


LAND USE	WOODS	WOODS
MIN DEPTH OF COVER (TO TOP OF PIPE)	4'	4'



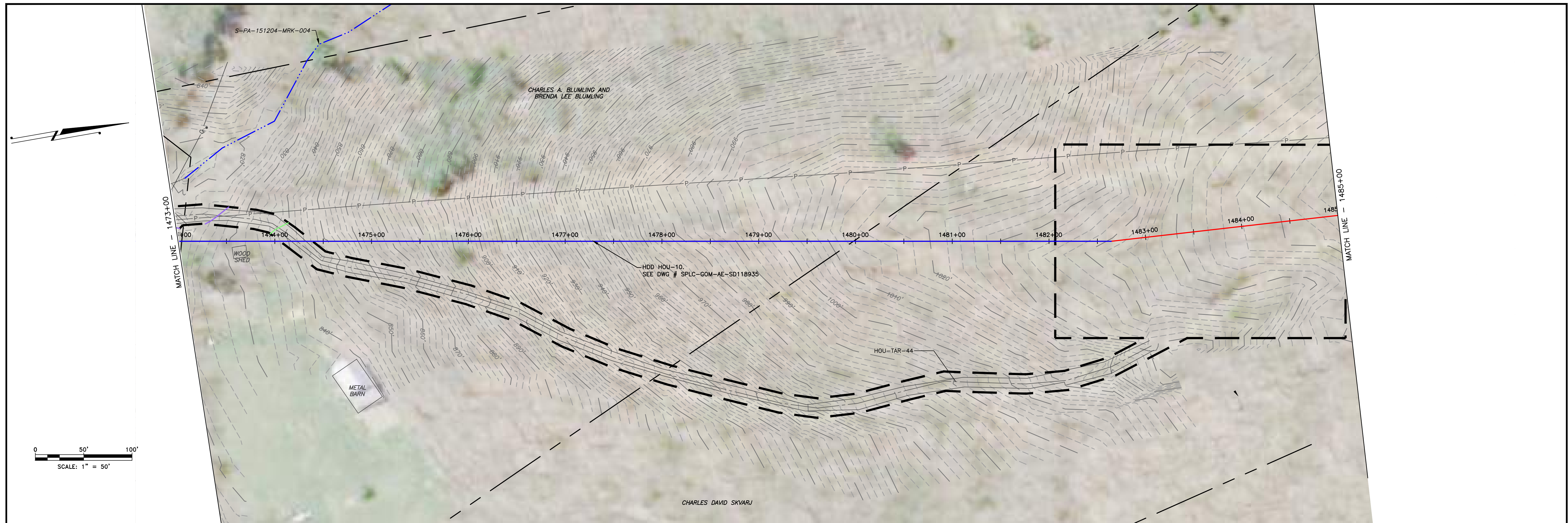
EXISTING CONTOURS (INDEX)	PROPOSED PIPELINE
EXISTING CONTOURS (INTERMEDIATE)	PROPOSED LIMIT OF DISTURBANCE
EXISTING PROPERTY LINE	ACCESS ROAD CENTERLINE
EXISTING STREAM	PROPOSED WATERBAR
EXISTING WETLAND	PROPOSED EROSION CONTROL BLANKET
SOIL TYPE BOUNDARY AND SOIL BOUNDARY	WATERSHED BOUNDARY
LAND USE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

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

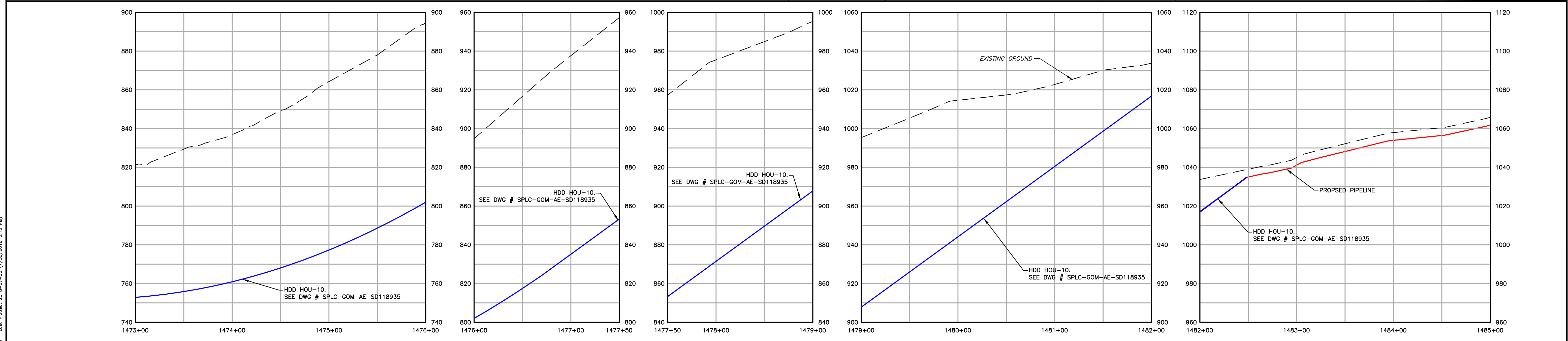


FALCON ETHANE PIPELINE SYSTEM		SITE RESTORATION PLAN	
HOUSTON TO JUNCTION		SR123 - (STA. 1449+00.00 TO STA. 1461+00.00)	
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SCALE: 1"=50'	DATE: 09/14/17	SPLC-GOM-AE-SD119997	REVISION: 2

Filename: X:\PROJECTS\17471 SHELL 6048885 - FALCON ETHANE PIPELINE SYSTEM\17471 SHELL 6048885\SP-PLANS\SR-PLAN123.DWG
Last saved by: LINCOLN SCHAEFER (7/30/2018 4:06 PM) Last Plotted: 2018-07-30 (7/30/2018 5:10 PM)



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



—1550— 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
HOUSTON TO JUNCTION

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SITE RESTORATION PLAN

SR125 - (STA. 1473+00.00 TO STA. 1485+00.00)

BEAVER COUNTY INDEPENDENCE TOWNSHIP

PENNSYLVANIA

SCALE	DATE	PROJECT NO.	REVISION
1"=50'	09/14/17	SPLC-GOM-AE-SD119999	2