G:\PENNEAST\353754_PENNEAST_PIPELINE_EPCM\DATAPROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-129.DWG2019/10/17 GUR84729

OWNERSHIP / FOOTAGE		
3379+20 – 3380+52	PE-NO-126.000	132'
3380+52 – 3383+03	PE-NO-127.000	251'
3383+03 – 3397+08	PE-NO-129.000	1401'
3397+08 – 3405+96	PE-NO-133.000	888'

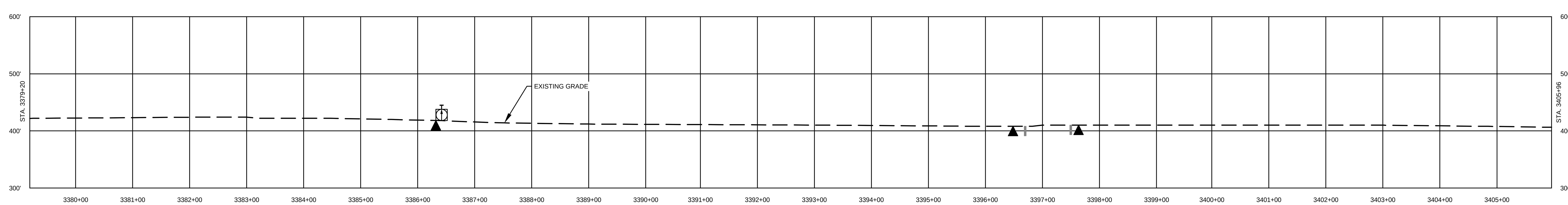
STATIONING

- 3380+52 PROPERTY LINE
- 3381+33 SHED
- 3381+38 SHED
- 3383+02 PROPERTY LINE
- 3383+40 P.I.~ 1°32'43" LT
- 3386+99 P.I.~ 1°28'35" RT
- 3388+83 EDGE OF PAVEMENT
- 3388+87 CENTERLINE OF UNNAMED ROAD
- 3388+91 EDGE OF PAVEMENT
- 3389+16 P.I.~ 13°25'39" LT
- 3389+56 P.I.~ 13°25'39" LT
- 3389+96 P.I.~ 13°25'39" LT
- 3390+36 P.I.~ 13°25'39" LT
- 3396+81 CENTERLINE OF UNK OVERHEAD LINE
- 3396+90 WATER LINE
- 3396+93 EDGE OF PAVEMENT
- 3397+08 PROPERTY LINE
- 3397+10 CENTERLINE OF DANIELS RD / STATE ROUTE 946
- 3397+26 EDGE OF PAVEMENT
- 3398+20 P.I.~ 31°19'05" LT
- 3400+90 P.I.~ 32°31'56" RT
- 3405+17 CENTERLINE OF TRANSCONTINENTAL PIPELINE

LAND USE																											
	RE	UF	RE	UF	RE	UF	RE	UF	RE	UF	RE	UF	RE	UF	RE	UF	RE	UF	RE	UF	RE	UF	RE	AG	RE	RD	AG

WATERSHED NAME	EAST BRANCH MONOCACY CREEK
WATERSHED CLASSIFICATION	HQ-CWF, MF
SOILS	WaA
WATERBODY CROSSING METHOD	
CLASS LOCATION	CLASS III
DESIGN FACTOR	0.50
MAOP	1480 PSIG

PROFILE



COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MICHAEL DENICHILO
ENGINEER
PE086513
10/25/2019

811 Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL

TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS

DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND
000-03-03-042	ACCESS ROAD DETAIL

REVISIONS

NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS

	DATE
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

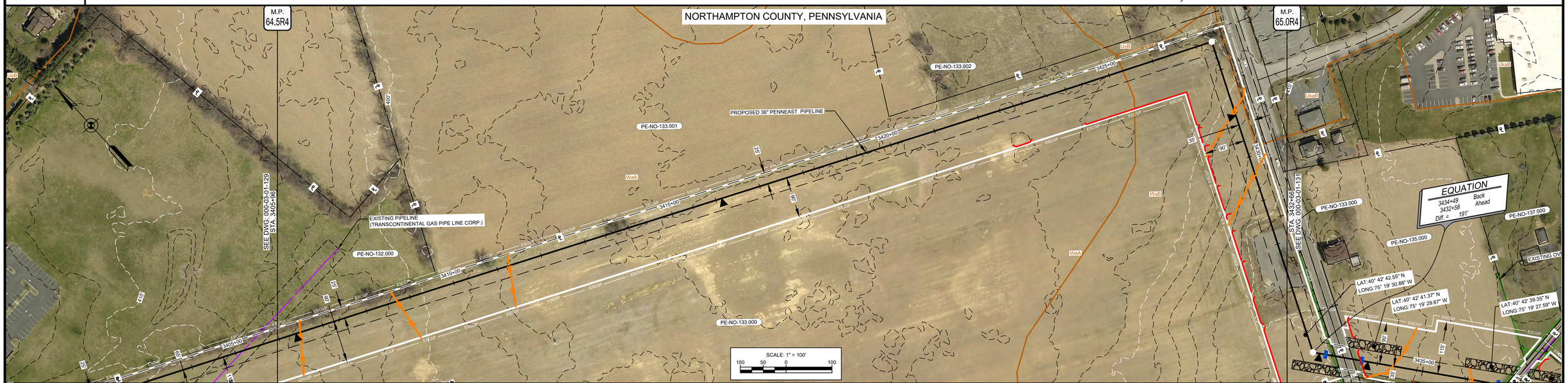
PennEast PIPELINE

PENNEAST PIPELINE PROJECT

SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
NORTHAMPTON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 3379+20 TO STA. 3405+96

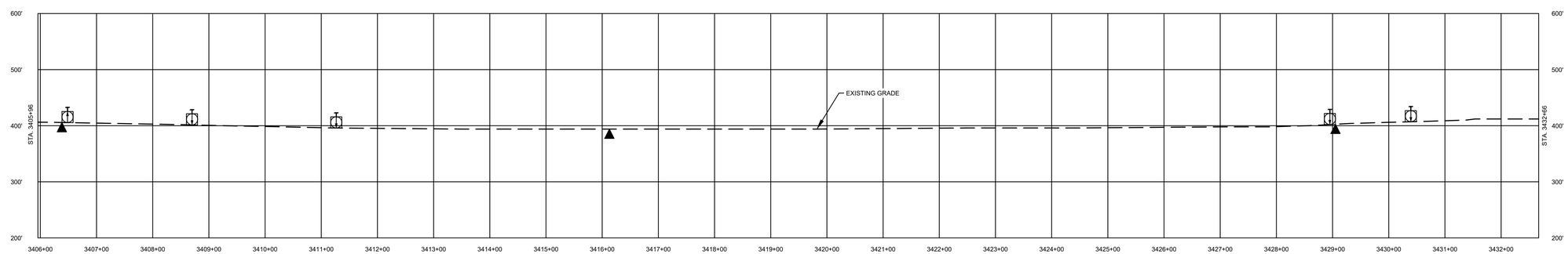
SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-129	B

OWNERSHIP / FOOTAGE	3405+96	PE-NO-133.000 2670'	3432+66
STATIONING			



LAND USE		AG		RD
WATERSHED NAME		EAST BRANCH MONOCACY CREEK		
WATERSHED CLASSIFICATION		HQ-CWF, MF		
SOILS		WaA		WaB
WATERBODY CROSSING METHOD				
CLASS LOCATION		CLASS III	CLASS I	CLASS III
DESIGN FACTOR		0.50	0.72	0.50
MAOP		1480 PSIG		

PROFILE



COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER MICHAEL DENICHILO PE068513
10/25/2019

Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL		
TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

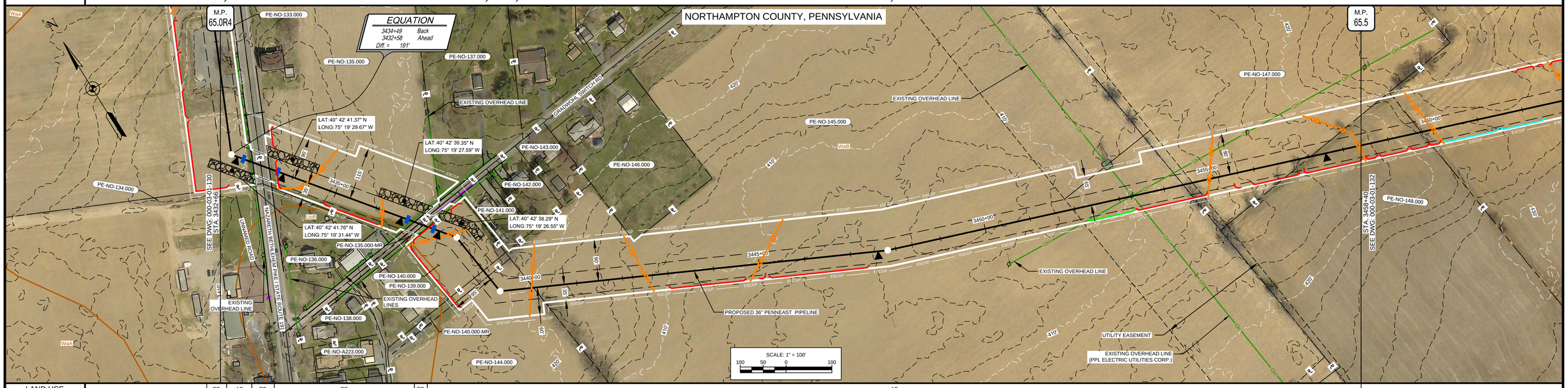
PENNEAST PIPELINE PROJECT
SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
NORTHAMPTON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 3405+96 TO STA. 3432+66

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-130	B

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPC\MDATA\PROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-130.DWG\2019/10/17 DUM64749

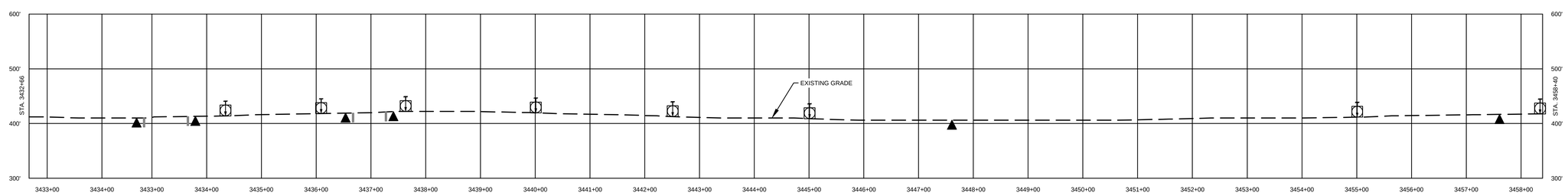
OWNERSHIP / FOOTAGE	PE-NO-133.000 251'	PE-NO-135.000 368'	PE-NO-135.000-MR 21'	PE-NO-140.000 159'	PE-NO-140.000-MR 16'	PE-NO-144.000 115'	PE-NO-145.000 1437'	PE-NO-147.000 285'	PE-NO-148.000 113'
STATIONING	3432+66	3433+26	3436+94	3437+15	3439+74	3439+90	3440+05	3454+42	3457+27 / 3458+40

STATIONING: 3434+49 P.I. = 32' 6.555" LT; 3433+32 CENTERLINE OF PPAL OVERHEAD LINE; 3433+41 EDGE OF PA EASEMENT; 3433+41 CENTERLINE OF PA EASEMENT; 3433+28 PROPERTY LINE; 3433+46 EDGE OF PA EASEMENT; 3436+17 CENTERLINE OF OVERHEAD LINE; 3436+48 EDGE OF PA EASEMENT; 3436+48 CENTERLINE OF PA EASEMENT; 3436+94 PROPERTY LINE; 3437+34 EDGE OF PA EASEMENT; 3437+32 CENTERLINE OF GRADYVILLE SWITCH RD; 3437+14 PROPERTY LINE; 3439+74 P.I. = 32' 4.115" RT; 3439+74 PROPERTY LINE; 3439+90 PROPERTY LINE; 3439+90 P.I. = 30' 0.000" LT; 3449+05 PROPERTY LINE; 3447+43 P.I. = 2' 0.000" LT; 3453+28 CENTERLINE OF SURVEY POINTS 34' GPLO (OVERHEAD) LINE; 3453+29 CENTERLINE OF PPL ELECTRIC UTILITIES CORP. OVERHEAD LINE; 3454+42 PROPERTY LINE; 3457+27 PROPERTY LINE



LAND USE	RD	AG	RD	RE	RD	AG
WATERSHED NAME				EAST BRANCH MONOCACY CREEK		MONOCACY CREEK
WATERSHED CLASSIFICATION				HQ-CWF, MF		HQ-CWF, MF
SOILS				WaB		
WATERBODY CROSSING METHOD						
CLASS LOCATION				CLASS III	CLASS I	CLASS II
DESIGN FACTOR				0.50	0.72	0.60
MAOP				1480 PSIG		

PROFILE



COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER MICHAEL DENICHILO PE086513
10/25/2019

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LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL		
TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
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CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT
SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
NORTHAMPTON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 3432+66 TO STA. 3458+40

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-131	B

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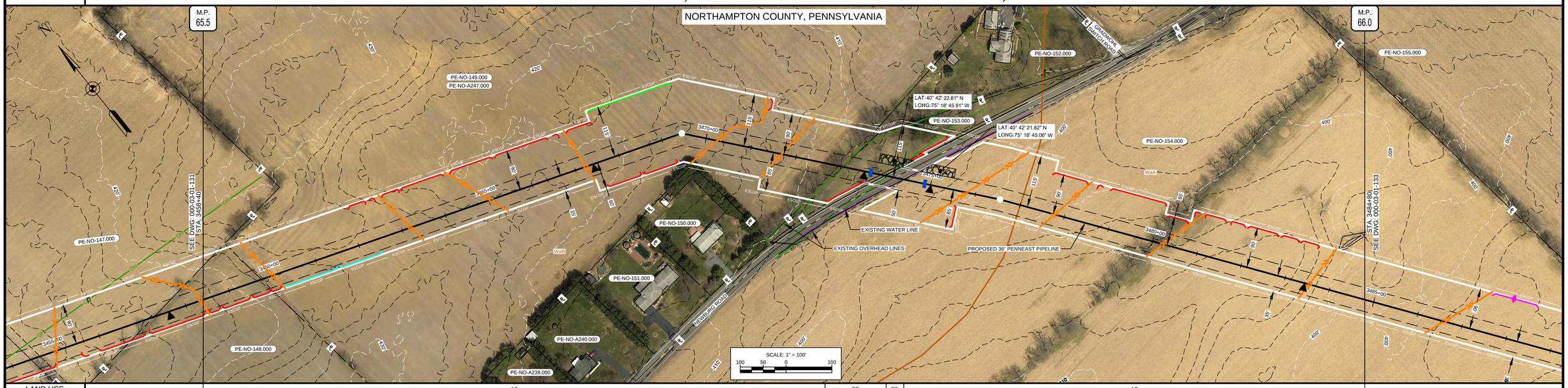
OWNERSHIP / FOOTAGE	PE-NO-148.000 135'	PE-NO-149.000/PE-NO-A247.000 1330'	PE-NO-153.000 84'	PE-NO-154.000 1091'

STATIONING

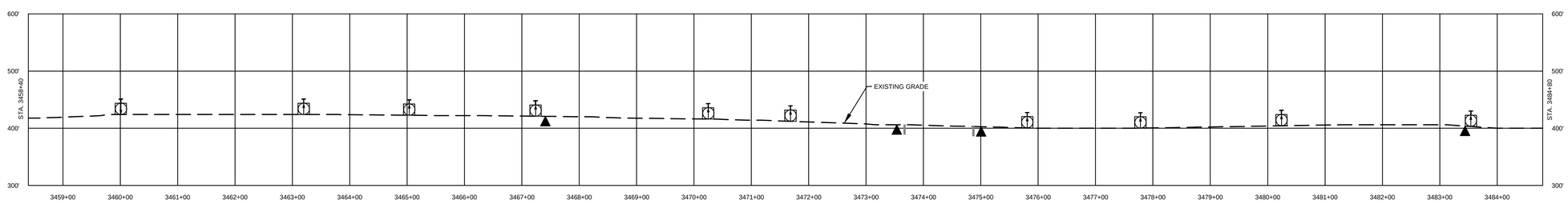
3459+40 | 3459+75 | 3473+05 | 3473+89 | 3484+80

3459+75 PROPERTY LINE
3469+47 P.I.= 32°53'12" RT.
3473+03 CENTER-LINE OF BT CO O/HEADED LINE
3473+05 PROPERTY LINE
3473+08 PROPERTY LINE
3473+68 EDGE OF PAVEMENT
3473+92 CENTER-LINE OF PPL& OVERHEAD LINE
3474+20 CENTER-LINE OF PAVEMENT
3474+34 EDGE OF PAVEMENT
3474+48 W/ER EBR LINE
3478+54 P.I.= 3°33'18" RT.



LAND USE	AG		RE / RD	AG
WATERSHED NAME	MONOCACY CREEK	SHOENECK CREEK		
WATERSHED CLASSIFICATION	HQ-CWF, MF	WWF, MF		
SOILS	WaB		WaA	
WATERBODY CROSSING METHOD				
CLASS LOCATION	CLASS II		CLASS I	
DESIGN FACTOR	0.60		0.72	
MAOP	1480 PSIG			

PROFILE



COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MICHAEL DENICHILO
ENGINEER
PE068513
10/25/2019

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LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL		
TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

REVISIONS					
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APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT
SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
NORTHAMPTON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 3458+40 TO STA. 3484+80

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-132	B

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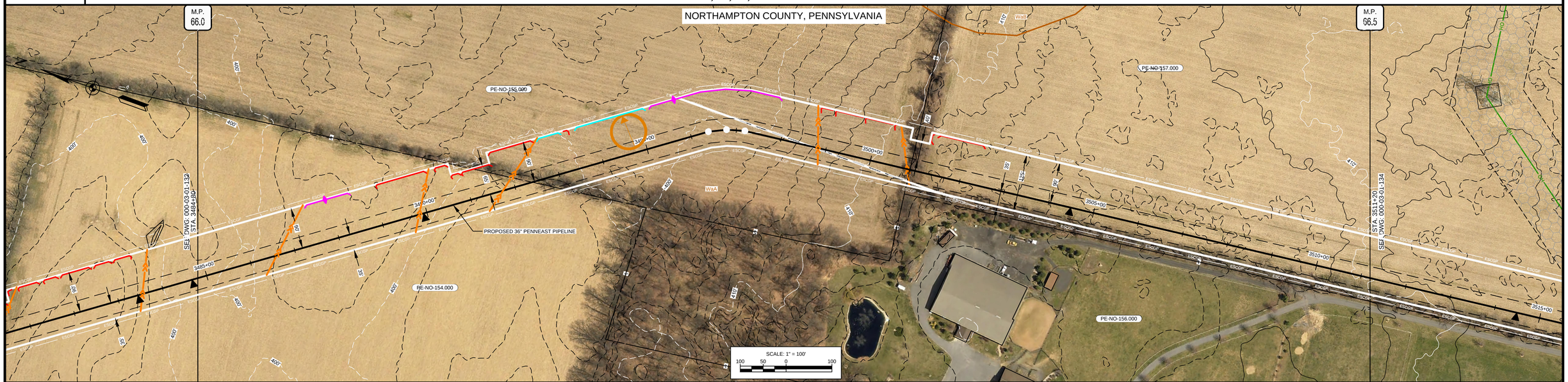
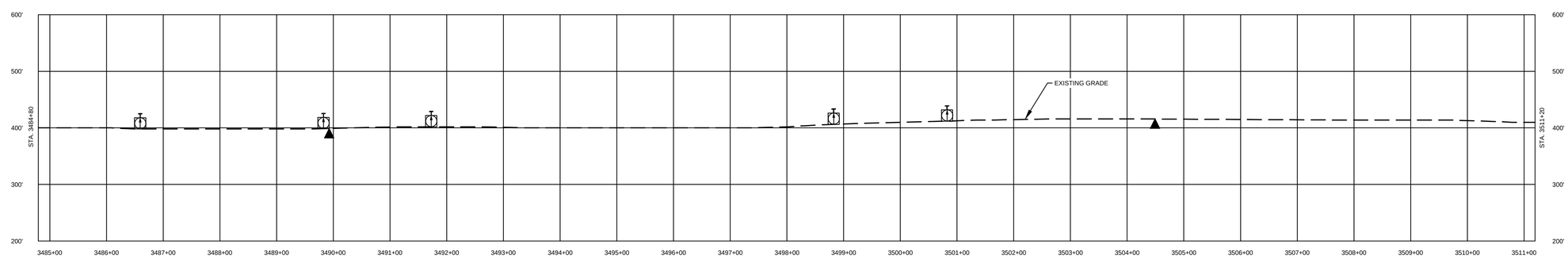
OWNERSHIP / FOOTAGE	3484+80	PE-NO-154.000 759'	3492+39	PE-NO-155.000 850'	3500+89	PE-NO-157.000 1031'	3511+20
STATIONING			3492+39 PROPERTY LINE	3496+28 P.I.=12°02'0" RT 3496+70 P.I.=12°01'0" RT 3497+10 P.I.=12°02'0" RT	3500+89 PROPERTY LINE		



LAND USE		AG	UF	AG	
WATERSHED NAME		SHOENECK CREEK		MONOCACY CREEK	
WATERSHED CLASSIFICATION		WWF, MF		HQ-CWF, MF	
SOILS		WaA			
WATERBODY CROSSING METHOD					
CLASS LOCATION		CLASS I			
DESIGN FACTOR		0.72			
MAOP		1480 PSIG			

PROFILE



COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MICHAEL DENICHILO
ENGINEER
PE068513
10/25/2019

Know what's below. Call before you dig.

LAND USE		MATERIAL		
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)	TAG	QUANTITY	DESCRIPTION
2. COMMERCIAL / INDUSTRIAL (CI)				
3. UPLAND FOREST (UF)				
4. INSTITUTIONAL (IN)				
5. URBAN (UR)				
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)				
7. RESIDENTIAL (RE)				
8. ROADWAYS / RAILROADS (RD)				
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)				

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

REVISIONS					
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A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
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SCALE PLAN: 1" = 100'
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SCALE PROFILE V: 1" = 100'

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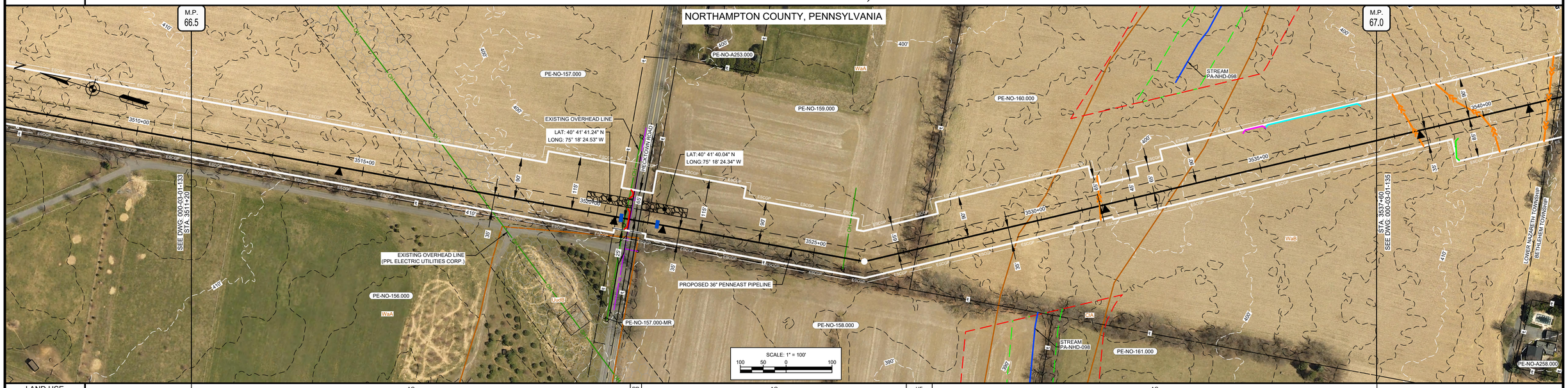
NORTHAMPTON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 3484+80 TO STA. 3511+20

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-133	B

G:\PENNEAST\3532754_PENNEAST_PIPELINE_EPC\MDATA\PROD_STATE_PERMIT\WORK\PAD\RAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-133.DWG\2019/10/14 DUM64749

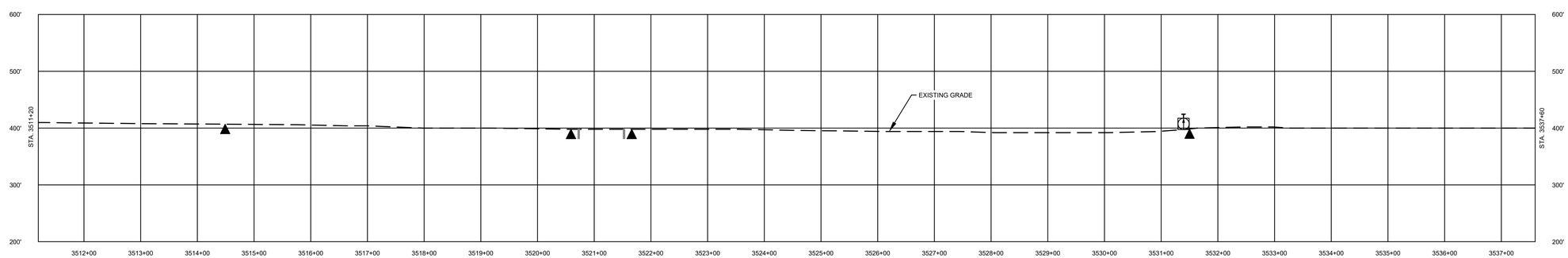
OWNERSHIP / FOOTAGE	PE-NO-157.000 942'	PE-NO-157.000-MR 69'	PE-NO-159.000 599'	PE-NO-160.000 1030'

STATIONING: 3511+20; 3517+34 CENTERLINE OF PPL OVERHEAD LINE; 3520+62 PROPERTY LINE; 3520+64 CENTERLINE OF PPL OVERHEAD LINE; 3520+68 EDGE OF PAVEMENT; 3520+82 WATER LINE; 3521+02 CENTERLINE OF HECKTOWN RD; 3521+12 EDGE OF PAVEMENT; 3521+31 PROPERTY LINE; 3525+56 CENTERLINE OF PPL OVERHEAD LINE; 3526+12 L 22'2"DEF L1; 3527+30 PROPERTY LINE; 3537+60



LAND USE	AG	RD	AG	UF	AG	
WATERSHED NAME	MONOCACY CREEK					
WATERSHED CLASSIFICATION	HQ-CWF, MF					
SOILS	WaA			CIA	WaB	
WATERBODY CROSSING METHOD						
CLASS LOCATION	CLASS I			CLASS II		
DESIGN FACTOR	0.72			0.60		
MAOP	1480 PSIG					

PROFILE



COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL MICHAEL DENICHILO ENGINEER PE068513
10/25/2019

811 Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL		
TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

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MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

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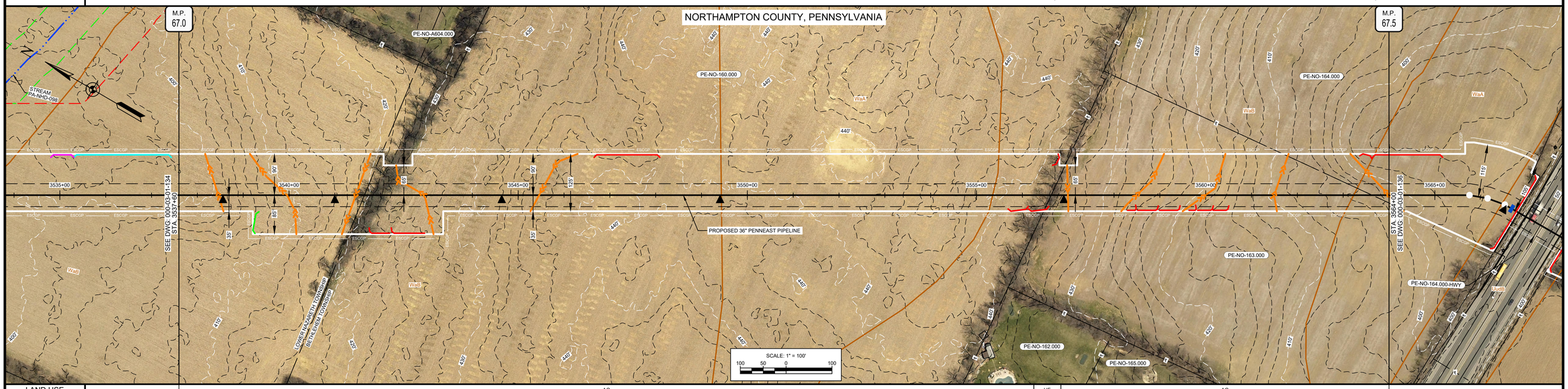
SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
NORTHAMPTON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 3511+20 TO STA. 3537+60

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-134	B

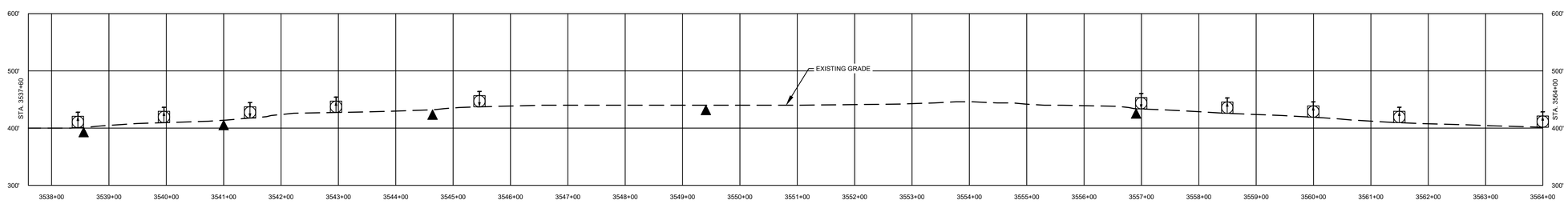
G:\PENNEAST\353754_PENNEAST_PIPELINE_EPC\MDATA\PROD_STATE_PERMIT\WORK\PAD\RAFT\ING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-134.DWG\2019/10/17 GUR84729

OWNERSHIP / FOOTAGE	3537+60	PE-NO-160.000 1903'	3556+63	PE-NO-163.000 700'	3563+63	PE-NO-164.000 37"	3564+00
STATIONING							



LAND USE	AG		UF	AG	
WATERSHED NAME	MONOCACY CREEK		BUSHKILL CREEK		
WATERSHED CLASSIFICATION	HQ-CWF, MF		HQ-CWF, MF		
SOILS	WaB	WaA	WaB	WaA	
WATERBODY CROSSING METHOD					
CLASS LOCATION	CLASS II	CLASS I	CLASS II		
DESIGN FACTOR	0.60	0.72	0.60		
MAOP	1480 PSIG				

PROFILE



COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MICHAEL DENICHILO
ENGINEER
PE068513
10/25/2019

Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL		
TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

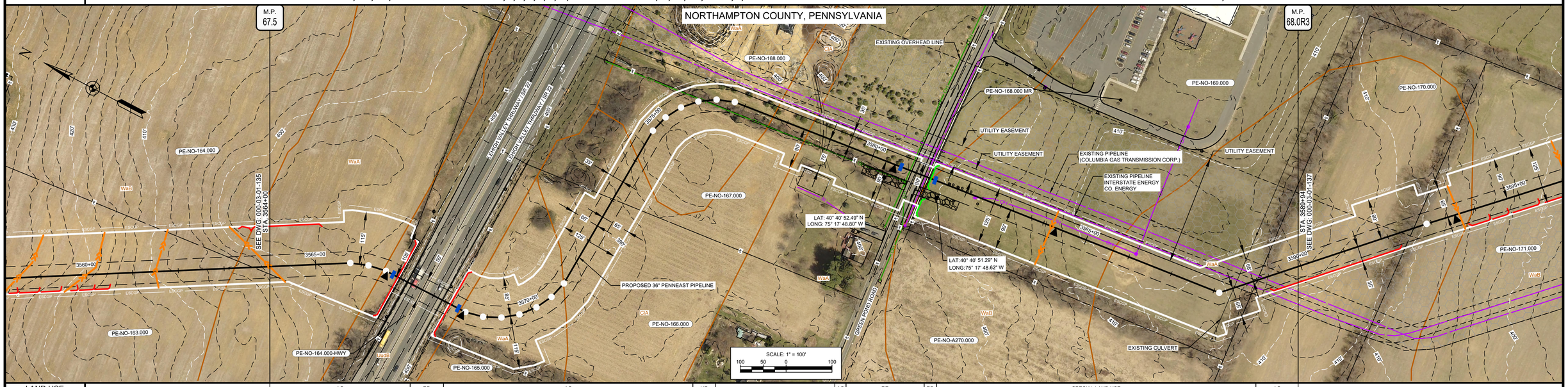
PENNEAST PIPELINE PROJECT
SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
NORTHAMPTON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 3537+60 TO STA. 3564+00

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-135	B

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPC\MDATA\PROD_STATE_PERMIT\WORK\PAD\RAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-135.DWG\2019/10/17 GUR84729

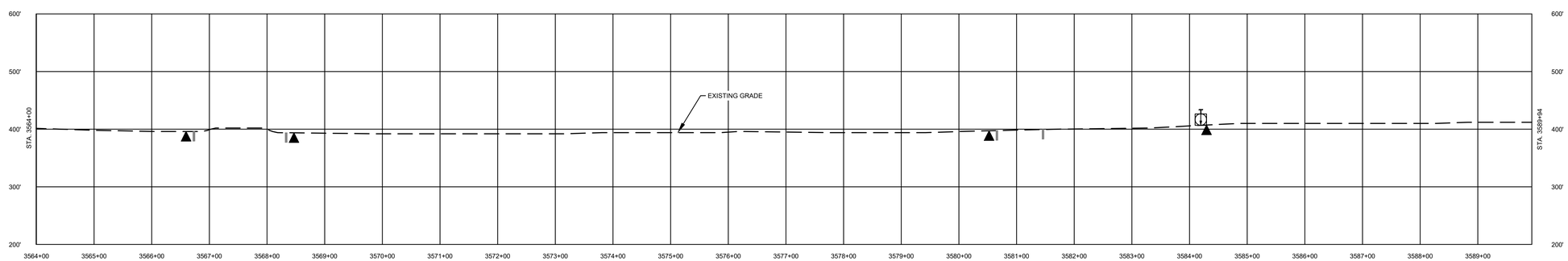
OWNERSHIP / FOOTAGE	PE-NO-164.000 291'	PE-NO-164.000-HWY 120'	PE-NO-166.000 492'	PE-NO-167.000 310'	PE-NO-168.000 487'	PE-NO-168.000-MR 34'	PE-NO-169.000 766'	PE-NO-170.000 94'
STATIONING	3564+00 – 3566+91	3566+91 – 3568+11	3568+11 – 3573+03	3573+03 – 3576+13	3576+13 – 3581+00	3581+00 – 3581+34	3581+34 – 3589+00	3589+00 – 3589+94

STATIONING: 3564+00 PI = 10°06'32" RT; 3564+18 PI = 10°06'04" RT; 3564+46 PI = 2°05'0" RT; 3566+99 PIVC LINE; 3567+07 GUARDRAIL; 3567+08 EDGE OF PAVEMENT; 3567+24 CENTERLINE OF LEHIGH VALLEY THRUWAYSR 22; 3567+12 CENTERLINE OF LEHIGH VALLEY THRUWAYSR 22; 3567+34 EDGE OF PAVEMENT; 3567+55 GUARDRAIL; 3568+10 PIVC LINE; 3568+11 PROPERTY LINE; 3568+41 PI = 12°20'00" LT; 3569+12 PI = 12°20'00" LT; 3570+10 PI = 12°20'00" LT; 3570+13 PI = 12°20'00" LT; 3570+41 PI = 12°20'00" LT; 3573+03 PROPERTY LINE; 3574+10 PI = 13°30'58" RT; 3574+12 PI = 13°13'00" RT; 3574+46 PI = 13°13'00" RT; 3575+46 PI = 13°13'00" RT; 3576+24 CENTERLINE OF PPL/ OVERHEAD LINE; 3576+41 PROPERTY LINE; 3576+12 PI = 13°13'00" RT; 3576+13 PI = 13°13'00" RT; 3576+15 EDGE OF ISRAEL; 3576+34 CENTERLINE OF UNNAMED ROAD; 3576+44 EDGE OF GRAVEL; 3580+07 CENTERLINE OF PPL/ OVERHEAD LINE; 3580+10 EDGE OF PAVEMENT; 3581+00 PROPERTY LINE; 3581+14 CENTERLINE OF GREEN POND RD; 3581+14 EDGE OF PAVEMENT; 3581+14 EDGE OF CURB; 3581+19 WATER LINE; 3581+34 EDGE OF CURB; 3581+38 EDGE OF CONCRETE; 3581+54 EDGE OF CONCRETE; 3581+74 PROPERTY LINE; 3582+38 ELECTRIC LINE; 3589+12 PI = 45°00'00" LT; 3589+44 STORM LINE; 3589+74 CENTERLINE OF INTERSTATE ENERGY CO. PIPELINE; 3589+78 PROPERTY LINE; 3589+14 CENTERLINE OF COLUMBIA GAS TRANSMISSION CORP. PIPELINE



LAND USE	AG	RD	AG	UF		AG	RE	RD	SPECIAL LAND USE	AG
WATERSHED NAME	BUSHKILL CREEK									
WATERSHED CLASSIFICATION	HQ-CWF, MF									
SOILS	WaA	UudB	WaA	CIA	WaA	CIA	WaA	WaB	WaA	
WATERBODY CROSSING METHOD										
CLASS LOCATION	CLASS II								CLASS III	
DESIGN FACTOR	0.60								0.50	
MAOP	1480 PSIG									

PROFILE



COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER MICHAEL DENICHILO PE086513
10/25/2019

811 Know what's below. Call before you dig.

LAND USE		MATERIAL			REFERENCE DRAWINGS	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)	TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE
2. COMMERCIAL / INDUSTRIAL (CI)					000-01-01-001B	TABLE OF CONTENTS AND LEGEND
3. UPLAND FOREST (UF)						
4. INSTITUTIONAL (IN)						
5. URBAN (UR)						
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)						
7. RESIDENTIAL (RE)						
8. ROADWAYS / RAILROADS (RD)						
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)						

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT
SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
NORTHAMPTON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 3564+00 TO STA. 3589+94

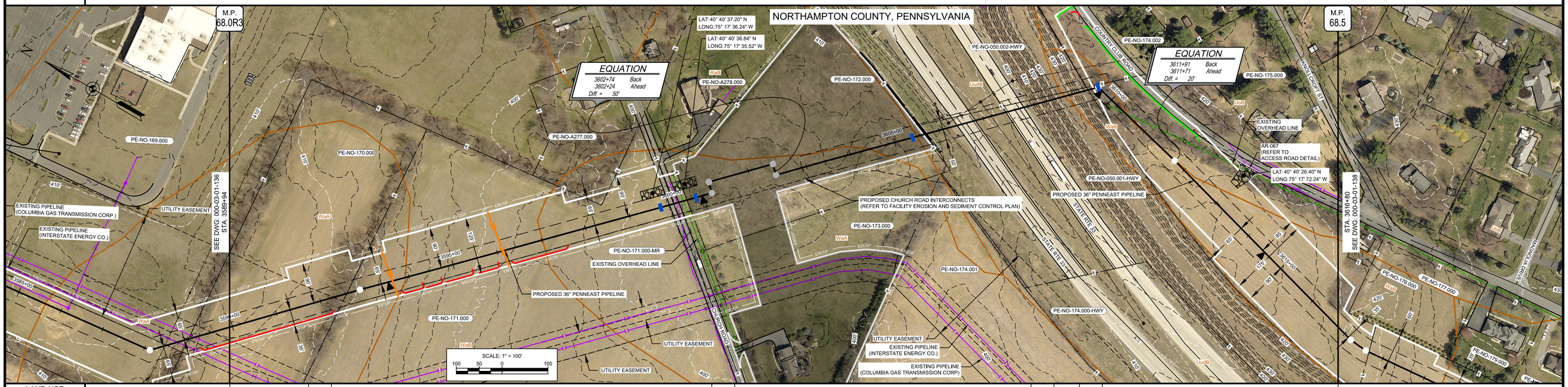
SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-136	B

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPC\MDATA\PROD_STATE_PERMIT\WORK\PA\DRAFTING\EROSION_SEDIMENT_CONTROL_PLAN\ALIGNMENT_SHEETS\000-03-01-136.DWG\2019\10\17 GUR84729

OWNERSHIP / FOOTAGE	PE-NO-170.000 266'	PE-NO-171.000 739'	PE-NO-171.000-MR 30'	PE-NO-172.000 584'	PE-NO-050.001-HWY 1137'

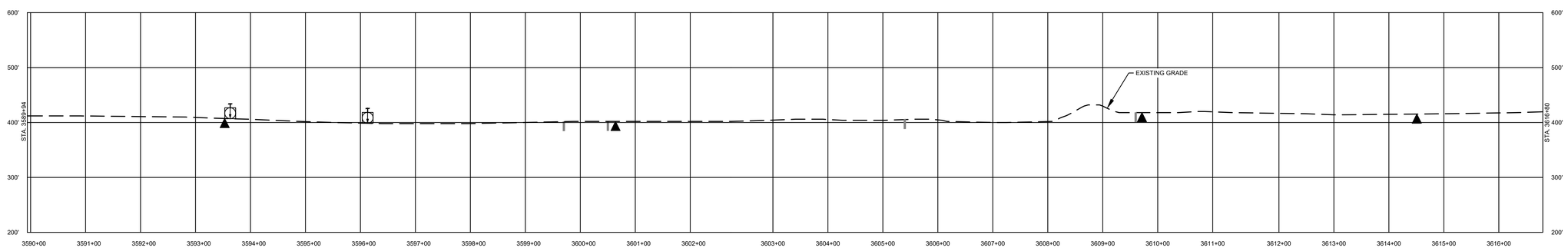
STATIONING

3592+45 PROPERTY LINE; 3592+81.91 – 19°05'28" RT; 3595+94 EDGE OF PAVEMENT; 3596+99 PROPERTY LINE; 3600+01 CENTERLINE OF CHURCH ROAD; 3600+97 WATER LINE; 3603+11 EDGE OF PAVEMENT; 3603+21 CENTERLINE OF OVERHEAD LINE; 3603+25 PROPERTY LINE; 3604+38.21 – 90°00'00" LT; 3611+11.71 – 90°00'00" RT; 3605+56.71 – 90°00'00" RT; 3604+38.21 – 90°00'00" LT; 3605+63 PROPERTY LINE; 3605+68 WALL; 3605+70 WALL; 3605+71 WALL; 3606+44 EDGE OF ASPHALT; 3606+61 CENTERLINE OF STATE ROUTE 33; 3606+82 EDGE OF ASPHALT; 3607+18 CENTERLINE OF SEWER LINE; 3607+51 EDGE OF ASPHALT; 3607+71 CENTERLINE OF STATE ROUTE 33; 3607+91 EDGE OF ASPHALT; 3609+37 FENCE; 3609+82.71 – 29°00'34" RT; 3610+43 OVERHEAD LINE



LAND USE	AG	UF	AG	RD	AG	RD	OL/ROW	RD	OL/ROW				
WATERSHED NAME	BUSHKILL CREEK	NANCY RUN											
WATERSHED CLASSIFICATION	HQ-CWF, MF	CWF, MF											
SOILS	WaA	WaB	WaA	WaB	UudB	WaB	UoB	WaB					
WATERBODY CROSSING METHOD													
CLASS LOCATION	CLASS III												
DESIGN FACTOR	0.50												
MAOP	1480 PSIG												

PROFILE



COMMONWEALTH OF PENNSYLVANIA REGISTERED PROFESSIONAL ENGINEER MICHAEL DENICHILO PE028513
3/27/2020

811 Know what's below. Call before you dig.

LAND USE	
1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)
2. COMMERCIAL / INDUSTRIAL (CI)	
3. UPLAND FOREST (UF)	
4. INSTITUTIONAL (IN)	
5. URBAN (UR)	
6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)	
7. RESIDENTIAL (RE)	
8. ROADWAYS / RAILROADS (RD)	
9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)	

MATERIAL		
TAG	QUANTITY	DESCRIPTION

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-01-01-001B	TABLE OF CONTENTS AND LEGEND
000-03-03-048.01	ACCRSS ROAD DETAIL

REVISIONS					
NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	AJD (MM)	MWF (MM)	MJD (MM)
B	REVISED FOR PADEP	10/2019	AJD (MM)	HNB (MM)	MJD (MM)
C	REVISED FOR PADEP	02/2020	AJD (MM)	KEK (MM)	MJD (MM)

APPROVALS	
DRAWN BY	DATE
AJD (MM)	10/15/2018
CHECKED BY	DATE
MWF (MM)	10/15/2018
ENG. APPROVAL	DATE
MJD (MM)	10/15/2018
P.M. APPROVAL	DATE

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
SCALE PROFILE V: 1" = 100'

CLIENT APPROVAL

DATE

PREPARED FOR

PennEast PIPELINE

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SOIL EROSION AND SEDIMENT CONTROL PLAN
ALIGNMENT SHEET
PENNEAST MAINLINE
NORTHAMPTON COUNTY, PENNSYLVANIA
36" PENNEAST PIPELINE
STA. 3589+94 TO STA. 3616+80

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-137	C

G:\PENNEAST\353754_PENNEAST_PIPELINE_EPC\MDATAPROD_STATE_PERMIT\WORKPAD\RAFTING\EROSION_SEDIMENT_CONTROL_PLAN\~2019_12_18_CHURCH_RD_INTERCONNECT\000-03-01-137.DWG\2020/02/28 DUM64749