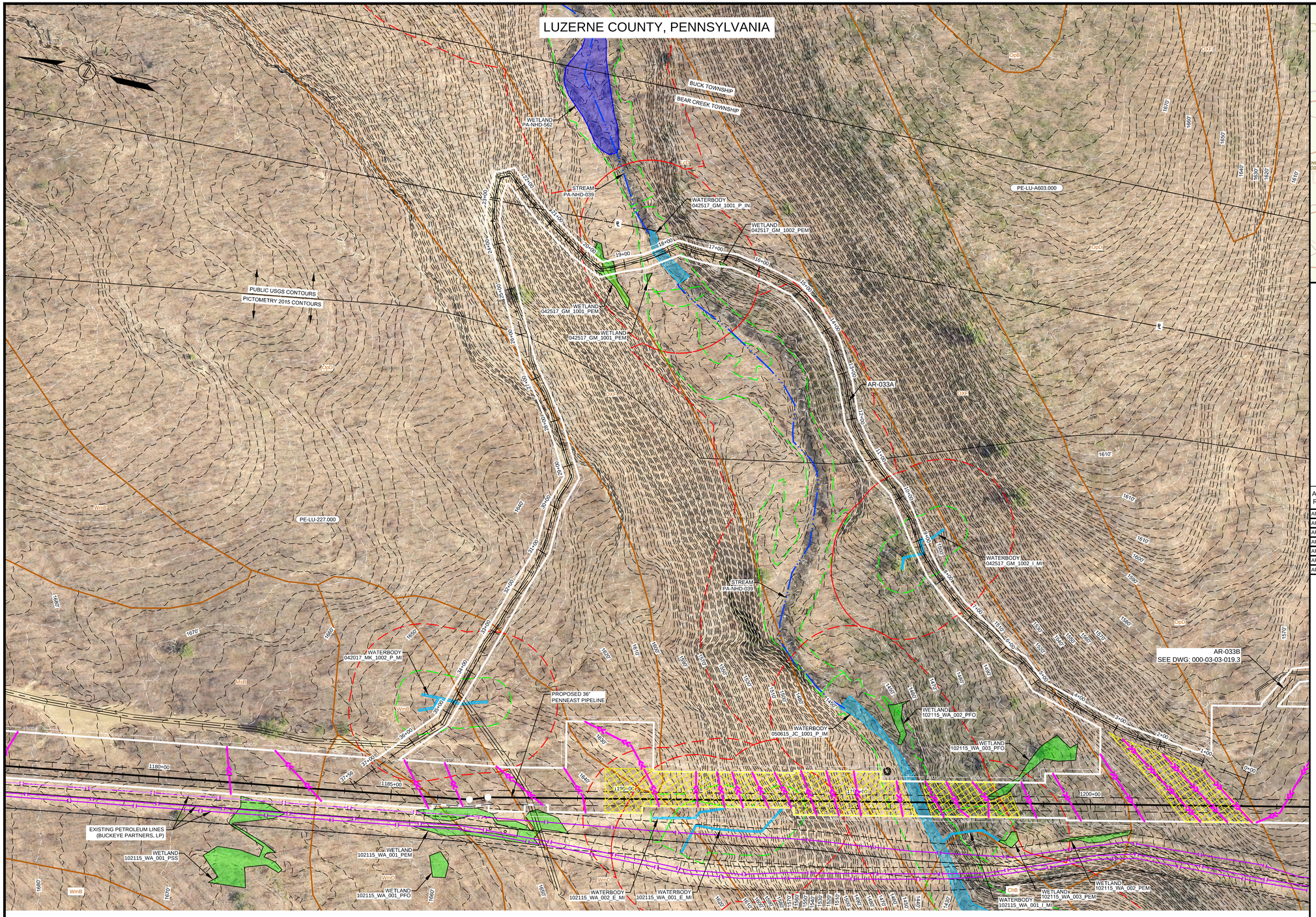
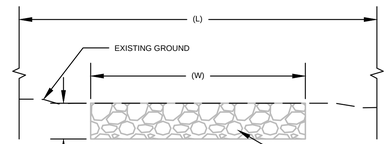
LUZERNE COUNTY, PENNSYLVANIA





LOCATION MAP
SCALE: 1" = 15 MILES



TYPICAL TEMPORARY ACCESS ROAD CROSS-SECTION DETAIL
N.T.S.

NOTES:
1. A TYPICAL LOD WIDTH OF 30' WAS UTILIZED FOR ACCESS ROADS WHERE POSSIBLE. LOD WIDTHS SHOWN DO NOT INCLUDE NECK DOWNS FOR CULVERTS.
2. DEPTH OF ROAD UNKNOWN. PURPOSE OF THIS SKETCH IS TO SHOW THE WIDTH AND TYPE OF THE EXISTING SURFACE.

ACCESS ROAD #	STATION RANGE	EXISTING ROAD WIDTH (W) (FT)	ROAD SURFACE	LIMITS OF DISTURBANCE WIDTH (L) (FT)
AR-033A	0+00 - 2+00	N/A	FORESTED	30
AR-033A	2+00 - 4+40	8	DIRT	30
AR-033A	4+40 - 7+00	N/A	FORESTED	30
AR-033A	7+00 - 25+50	8	DIRT	30
AR-033A	25+50 - 26+50	N/A	FORESTED	30
AR-033A	26+50 - 36+10	8	DIRT	30
AR-033A	36+10 - 37+56	N/A	FORESTED	30

SCALE: 1" = 100'
100 50 0 100

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MICHAEL DENICHILO
ENGINEER
PE088513
10/25/2019

NOTES:
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4. WATERBODY INFORMATION PROVIDED BY AECOM 2015 THRU 2018.

REFERENCE DRAWINGS

DWG. NO.	TITLE
000-03-01-045	ALIGNMENT SHEET
000-03-01-046	ALIGNMENT SHEET

REVISIONS

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

PROJECT ENGINEER STAMP

APPROVALS

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

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

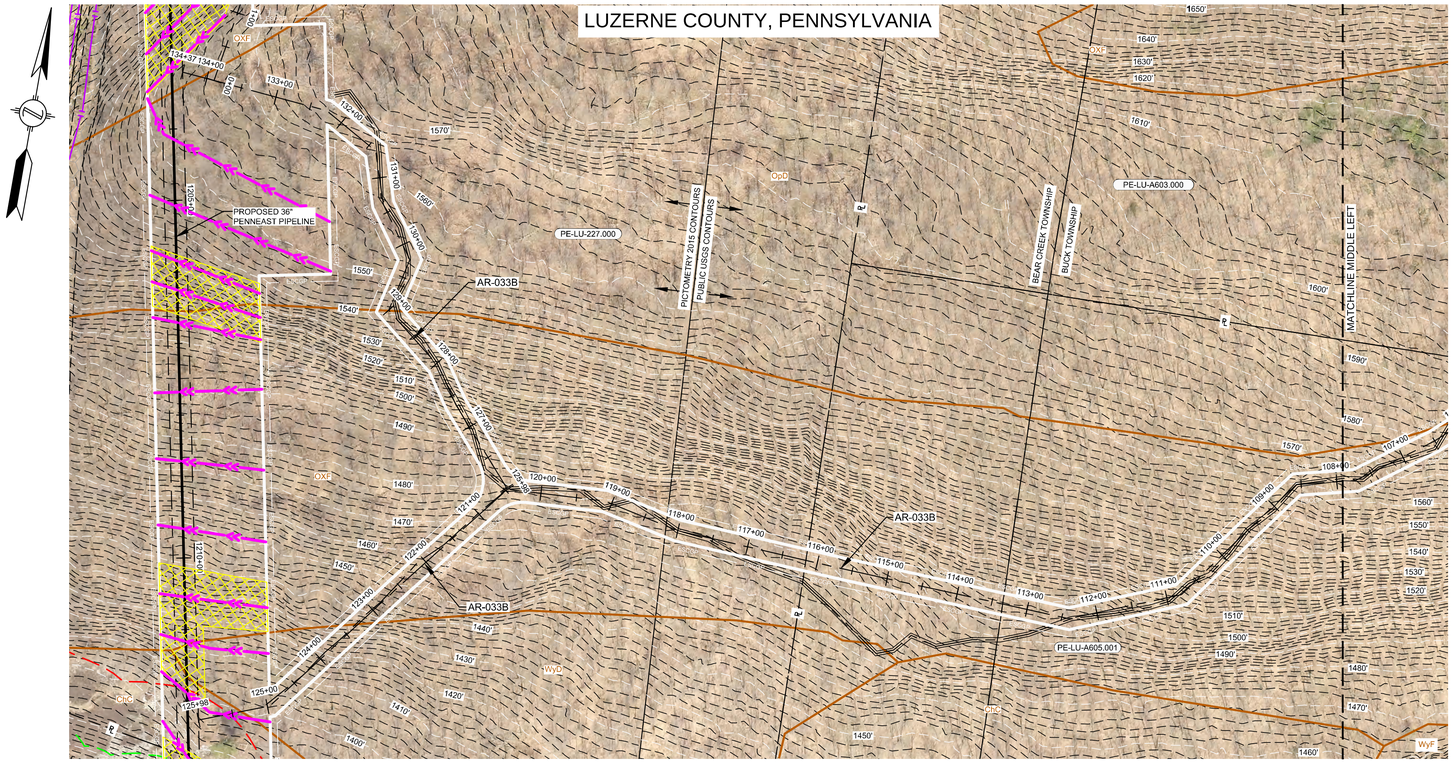
CLIENT APPROVAL

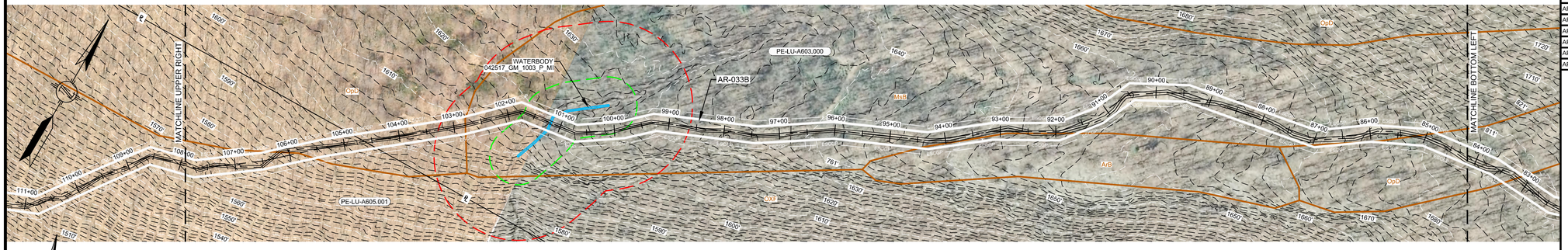
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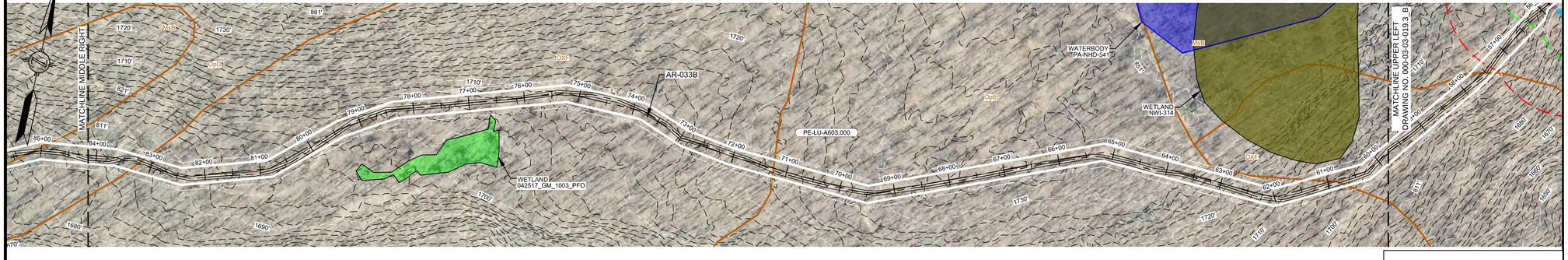
PREPARED FOR
PennEast PIPELINE

PENNEAST PIPELINE PROJECT
SITE RESTORATION PLAN
ACCESS ROAD DETAIL
AR-033A
LUZERNE COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS NOTED	000-03-03-019.2	B

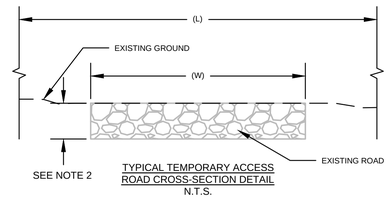








LOCATION MAP
SCALE: 1" = 15 MILES



TYPICAL TEMPORARY ACCESS ROAD CROSS-SECTION DETAIL
N.T.S.

NOTES:
1. A TYPICAL LOD WIDTH OF 30' WAS UTILIZED FOR ACCESS ROADS WHERE POSSIBLE. LOD WIDTHS SHOWN DO NOT INCLUDE NECK DOWNS FOR CULVERTS.
2. DEPTH OF ROAD UNKNOWN. PURPOSE OF THIS SKETCH IS TO SHOW THE WIDTH AND TYPE OF THE EXISTING SURFACE.

ACCESS ROAD #	STATION RANGE	EXISTING ROAD WIDTH (W) (FT)	ROAD SURFACE	LIMITS OF DISTURBANCE WIDTH (L) (FT)
AR-033B	0+00 - 0+50	APRON	GRAVEL	APRON
AR-033B	0+50 - 112+50	8	DIRT	30
AR-033B	112+50 - 117+50	N/A	FORESTED	30
AR-033B	117+50 - 120+50	8	DIRT	30
AR-033B	120+50 - 125+98	N/A	FORESTED	30
AR-033B	125+98 - 131+40	8	DIRT	30
AR-033B	131+40 - 134+35	N/A	FORESTED	30

SCALE: 1" = 100'
100 50 0 100

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

NOTES:
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REFERENCE DRAWINGS

DWG. NO.	TITLE
000-03-01-046	ALIGNMENT SHEET

REVISIONS

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

PROJECT ENGINEER STAMP

APPROVALS

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

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CLIENT APPROVAL

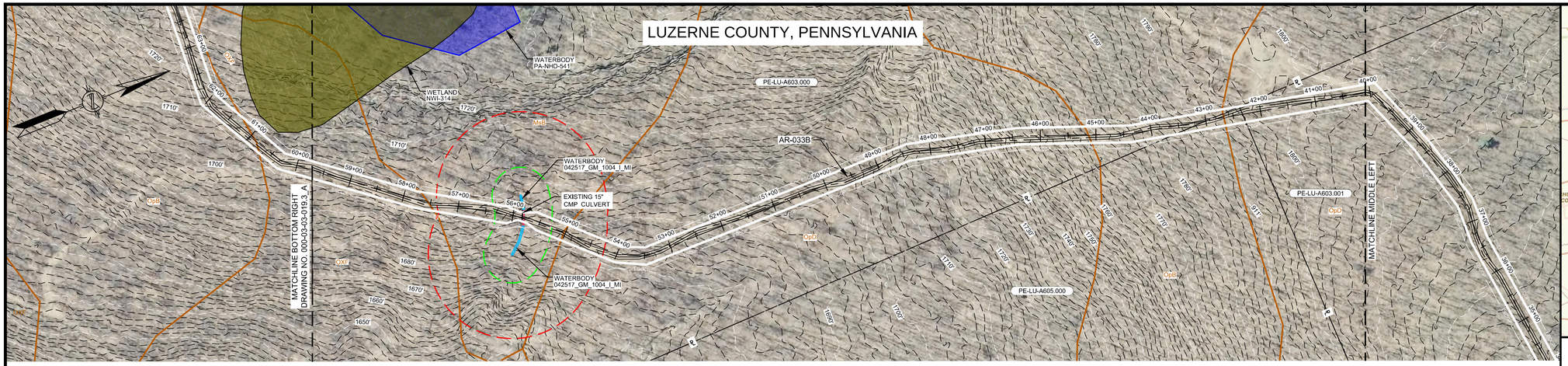
DATE

PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT
SITE RESTORATION PLAN
ACCESS ROAD DETAIL
AR-033B
LUZERNE COUNTY, PENNSYLVANIA

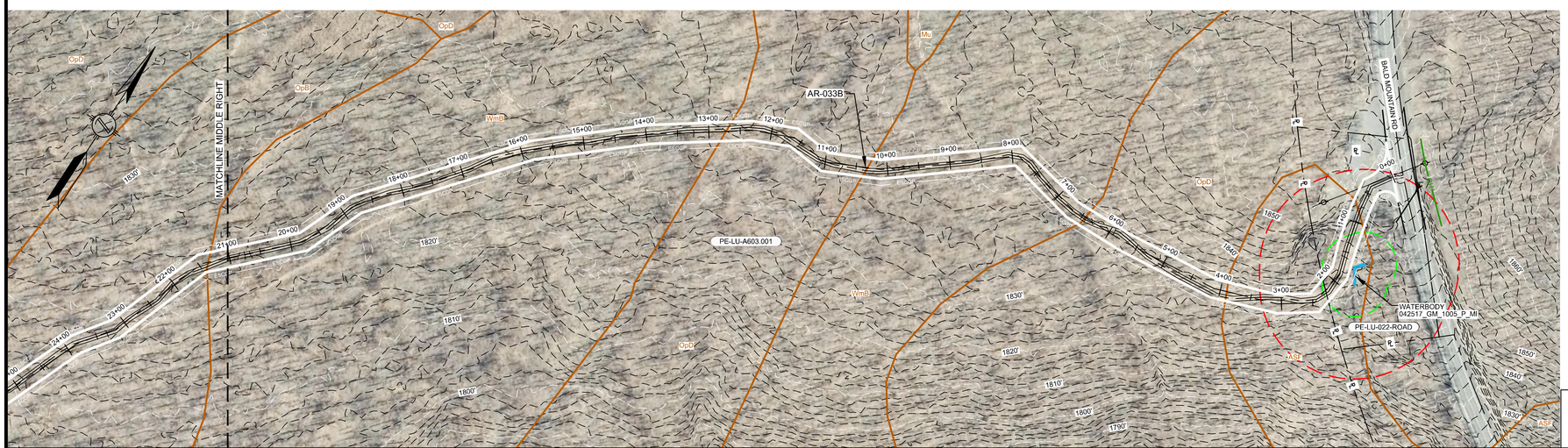
SCALE	DRAWING NO.	REVISION
AS NOTED	000-03-03-019.3_A	B





LOCATION MAP
SCALE: 1" = 15 MILES





SCALE: 1" = 100'
100 50 0 100



TYPICAL TEMPORARY ACCESS ROAD CROSS-SECTION DETAIL
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AR-033B	0+00 - 0+50	APRON	GRAVEL	APRON
AR-033B	0+50 - 112+50	8	DIRT	30
AR-033B	112+50 - 117+50	N/A	FORESTED	30
AR-033B	117+50 - 120+50	8	DIRT	30
AR-033B	120+50 - 125+98	N/A	FORESTED	30
AR-033B	125+98 - 131+40	8	DIRT	30
AR-033B	131+40 - 134+35	N/A	FORESTED	30

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MICHAEL DENICHILO
ENGINEER
PE068511
10/25/2019

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DWG. NO.	TITLE
000-03-01-046	ALIGNMENT SHEET

REVISIONS

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A	ISSUED FOR PADEP	10/2018	JL (MM)	AJD (MM)	MJD (MM)
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PROJECT ENGINEER STAMP

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

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DATE

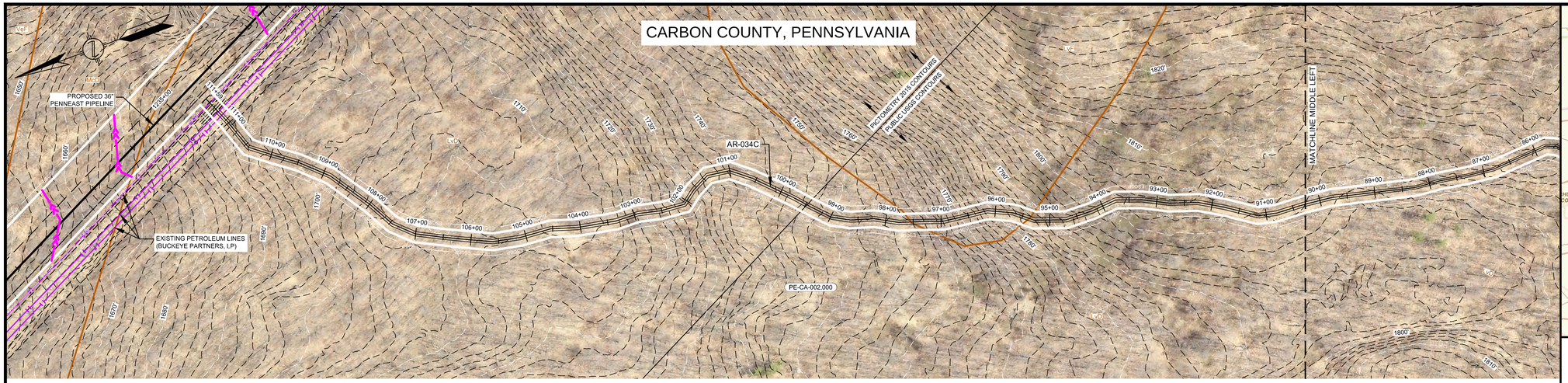
PREPARED FOR

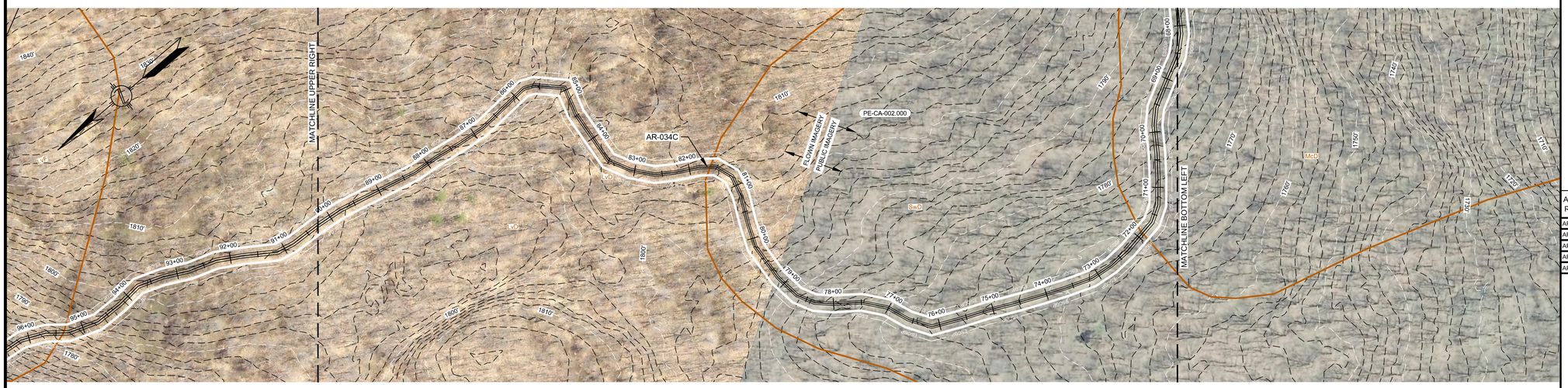
PennEast PIPELINE

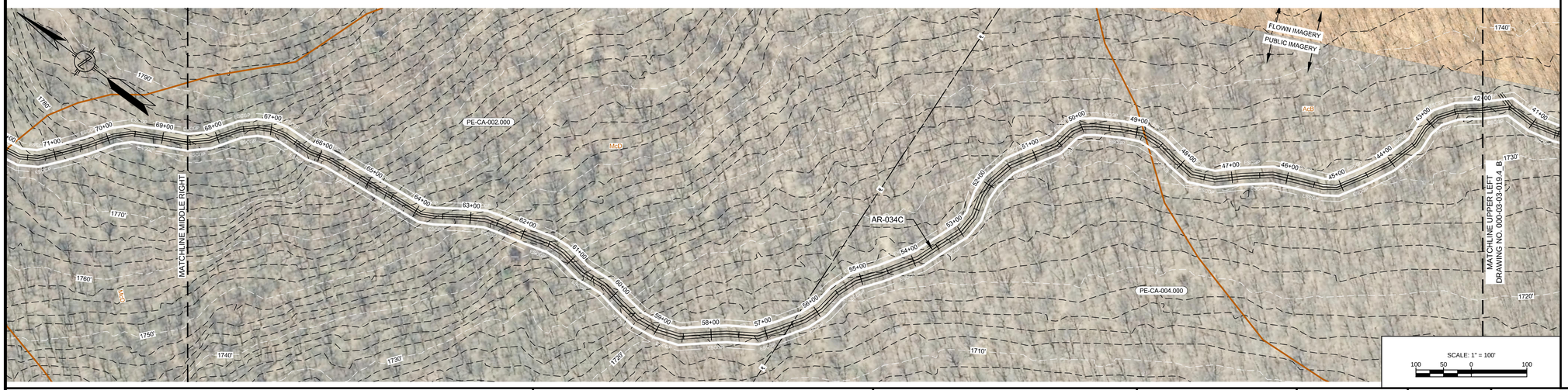
PENNEAST PIPELINE PROJECT

SITE RESTORATION PLAN
ACCESS ROAD DETAIL
AR-033B
LUZERNE COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS NOTED	000-03-03-019.3_B	B

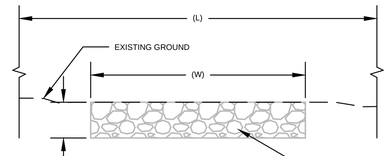








LOCATION MAP
SCALE: 1" = 15 MILES



TYPICAL TEMPORARY ACCESS ROAD CROSS-SECTION DETAIL
N.T.S.

NOTES:
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2. DEPTH OF ROAD UNKNOWN. PURPOSE OF THIS SKETCH IS TO SHOW THE WIDTH AND TYPE OF THE EXISTING SURFACE.

ACCESS ROAD #	STATION RANGE	EXISTING ROAD WIDTH (W) (FT)	ROAD SURFACE	LIMITS OF DISTURBANCE WIDTH (L) (FT)
AR-034C	0+00 - 6+00	8	DIRT	VARIES
AR-034C	6+00 - 72+00	8	DIRT	30
AR-034C	72+00 - 90+00	6	DIRT	30
AR-034C	90+00 - 111+40	8	DIRT	30
AR-034C	111+40 - 111+59	N/A	GRASS/FORESTED	30

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

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REFERENCE DRAWINGS

DWG. NO.	TITLE
000-03-01-047	ALIGNMENT SHEET

REVISIONS

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

PROJECT ENGINEER STAMP

APPROVALS

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

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CLIENT APPROVAL

DATE

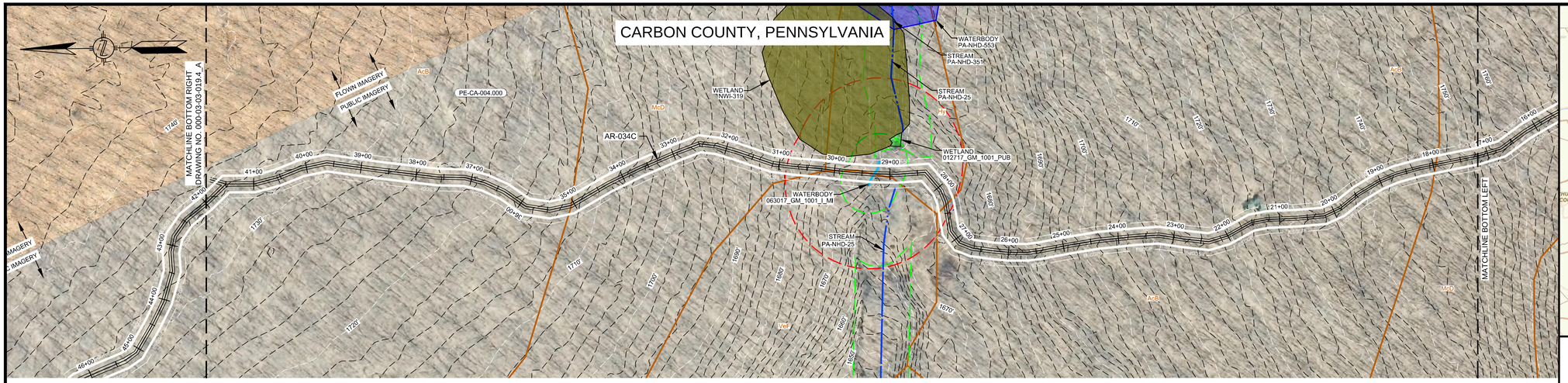
PREPARED FOR

PennEast PIPELINE

PENNEAST PIPELINE PROJECT

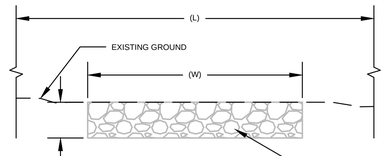
SITE RESTORATION PLAN
ACCESS ROAD DETAIL
AR-034C
CARBON COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS NOTED	000-03-03-019.4_A	B





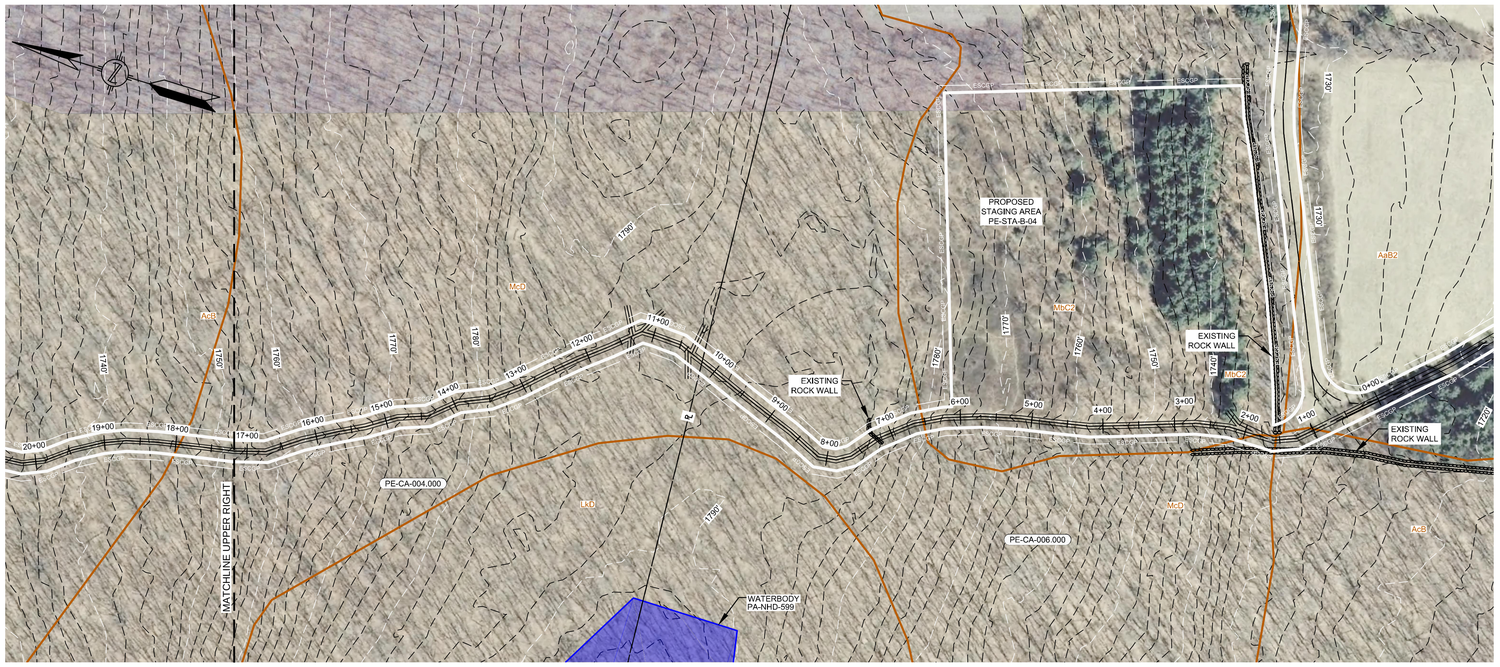
LOCATION MAP
SCALE: 1" = 15 MILES



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AR-034C	0+00 - 6+00	8	DIRT	VARIES
AR-034C	6+00 - 72+00	8	DIRT	30
AR-034C	72+00 - 90+00	6	DIRT	30
AR-034C	90+00 - 111+40	8	DIRT	30
AR-034C	111+40 - 111+59	N/A	GRASS/FORESTED	30



SCALE: 1" = 100'
100 50 0 100

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000-03-01-047	ALIGNMENT SHEET

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PROJECT ENGINEER STAMP

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MICHAEL DENICHILO
ENGINEER
PE085613
10/25/2019

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

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CLIENT APPROVAL

DATE

PREPARED FOR

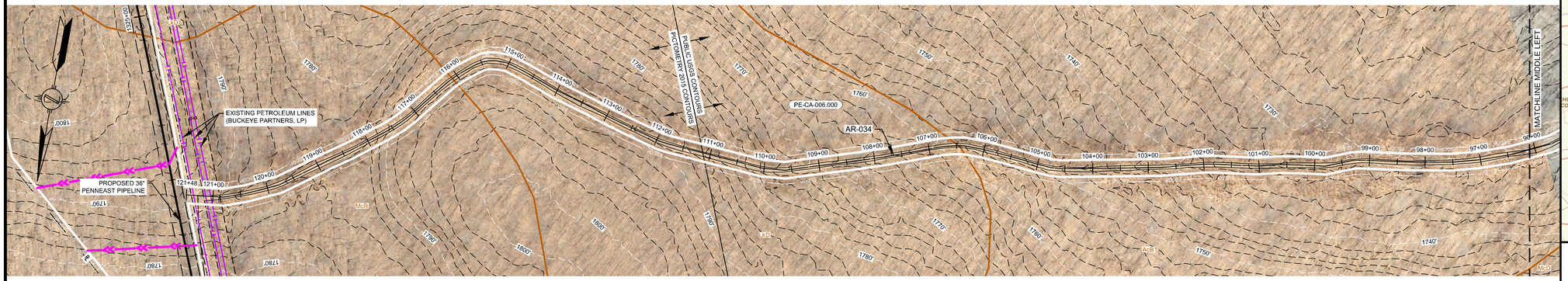
PennEast PIPELINE

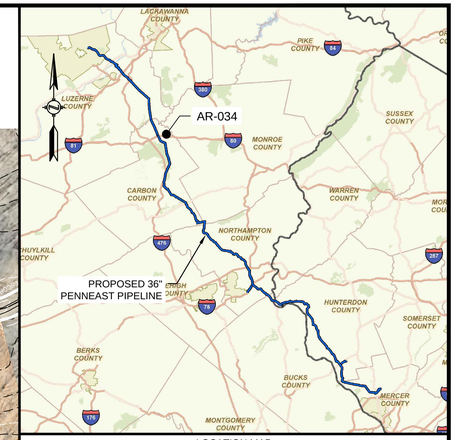
PENNEAST PIPELINE PROJECT

SITE RESTORATION PLAN
ACCESS ROAD DETAIL
AR-034C
CARBON COUNTY, PENNSYLVANIA

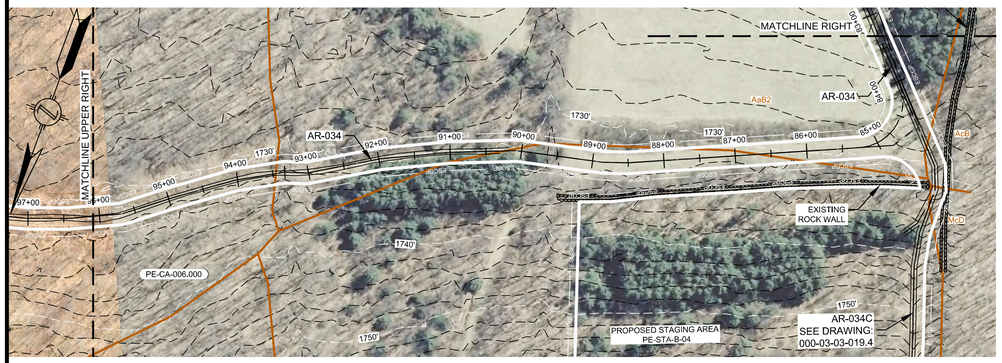
SCALE	DRAWING NO.	REVISION
AS NOTED	000-03-03-019.4_B	B

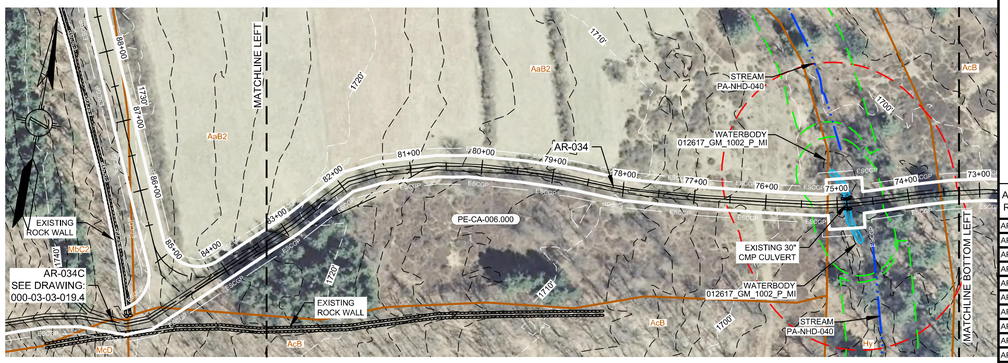
CARBON COUNTY, PENNSYLVANIA

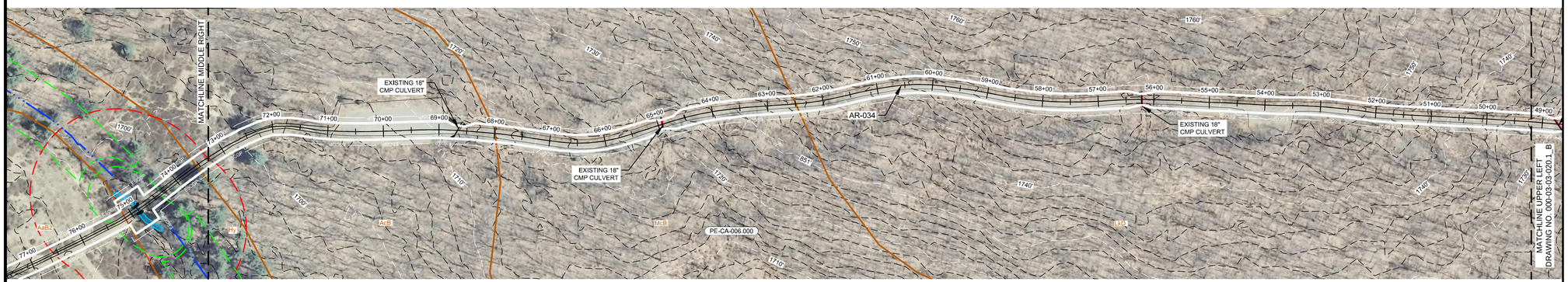


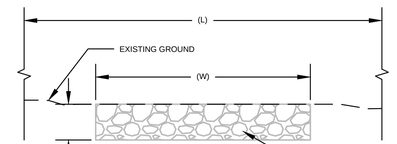


LOCATION MAP
SCALE: 1" = 15 MILES









TYPICAL TEMPORARY ACCESS ROAD CROSS-SECTION DETAIL
N.T.S.

NOTES:
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ACCESS ROAD #	STATION RANGE	EXISTING ROAD WIDTH (W) (FT)	ROAD SURFACE	LIMITS OF DISTURBANCE WIDTH (L) (FT)
AR-034	0+00 - 0+50	APRON	PAVEMENT	APRON
AR-034	0+50 - 31+00	18	PAVEMENT	30
AR-034	31+00 - 31+50	APRON	GRAVEL	APRON
AR-034	31+50 - 32+50	16	GRAVEL	30
AR-034	32+50 - 33+00	16	GRAVEL	VARIES
AR-034	33+00 - 69+00	16	GRAVEL	30
AR-034	69+00 - 71+00	22	GRAVEL	30
AR-034	71+00 - 79+50	8	DIRT	30
AR-034	79+50 - 84+00	10	DIRT	30
AR-034	84+00 - 90+20	N/A	AG FIELD	30
AR-034	90+20 - 121+48	8	DIRT	30

SCALE: 1" = 100'
100 50 0 100

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

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REFERENCE DRAWINGS

DWG. NO.	TITLE
000-03-01-051	ALIGNMENT SHEET

REVISIONS

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

PROJECT ENGINEER STAMP

APPROVALS

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

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

CLIENT APPROVAL

DATE

PREPARED FOR

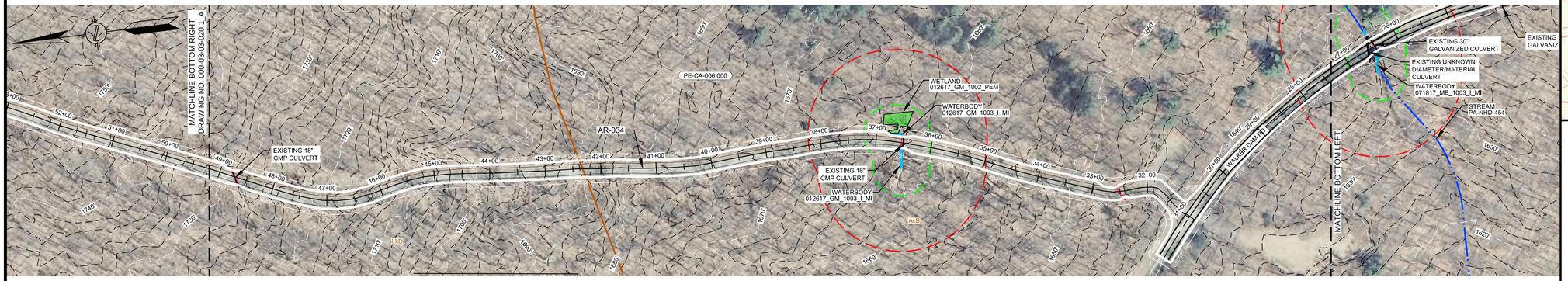
PennEast PIPELINE

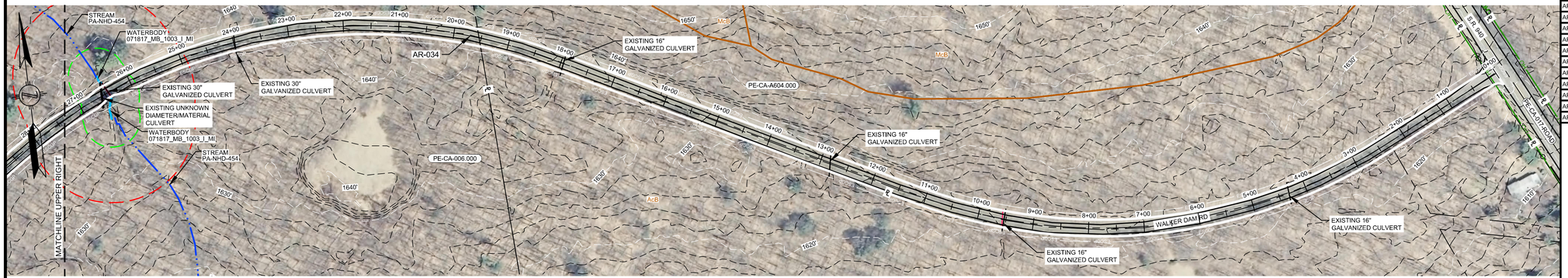
PENNEAST PIPELINE PROJECT

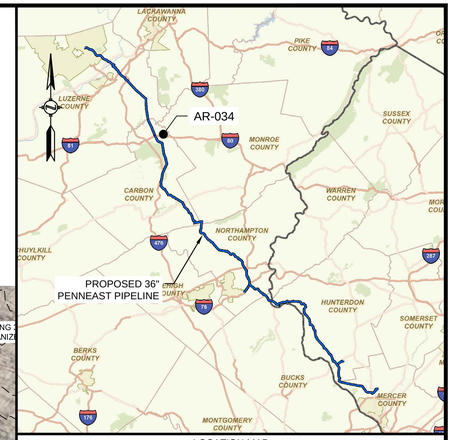
SITE RESTORATION PLAN
ACCESS ROAD DETAIL
AR-034
CARBON COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS NOTED	000-03-03-020.1_A	B

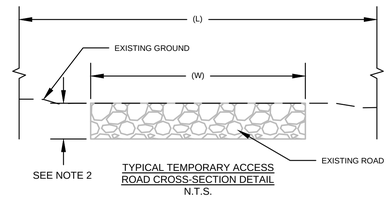
CARBON COUNTY, PENNSYLVANIA







LOCATION MAP
SCALE: 1" = 15 MILES



TYPICAL TEMPORARY ACCESS ROAD CROSS-SECTION DETAIL
N.T.S.

NOTES:
1. A TYPICAL LOD WIDTH OF 30' WAS UTILIZED FOR ACCESS ROADS WHERE POSSIBLE. LOD WIDTHS SHOWN DO NOT INCLUDE NECK DOWNS FOR CULVERTS.
2. DEPTH OF ROAD UNKNOWN. PURPOSE OF THIS SKETCH IS TO SHOW THE WIDTH AND TYPE OF THE EXISTING SURFACE.

ACCESS ROAD #	STATION RANGE	EXISTING ROAD WIDTH (W) (FT)	ROAD SURFACE	LIMITS OF DISTURBANCE WIDTH (L) (FT)
AR-034	0+00 - 0+50	APRON	PAVEMENT	APRON
AR-034	0+50 - 31+00	18	PAVEMENT	30
AR-034	31+00 - 31+50	APRON	GRAVEL	APRON
AR-034	31+50 - 32+50	16	GRAVEL	30
AR-034	32+50 - 33+00	16	GRAVEL	VARIES
AR-034	33+00 - 69+00	16	GRAVEL	30
AR-034	69+00 - 71+00	22	GRAVEL	30
AR-034	71+00 - 79+50	8	DIRT	30
AR-034	79+50 - 84+00	10	DIRT	30
AR-034	84+00 - 90+20	N/A	AG FIELD	30
AR-034	90+20 - 121+48	8	DIRT	30

SCALE: 1" = 100'
100 50 0 100

COMMONWEALTH OF PENNSYLVANIA
REGISTERED PROFESSIONAL
MICHAEL DENICHILO
ENGINEER
PE088513
10/25/2019

NOTES:
1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY SUPPLEMENTED FROM PASDA.
2. EXISTING FEATURE SURVEYED PERFORMED BY MOTT MACDONALD 2015 THRU 2018. ADDITIONAL FEATURES DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
3. PROPERTY LINES DEPICTED ON THIS PLAN ARE BASED ON GIS TAX MAP DATA AND RECTIFIED PROPERTY LINES AND ARE NOT THE RESULT OF A BOUNDARY SURVEY.
4. WATERBODY INFORMATION PROVIDED BY AECOM 2015 THRU 2018.

REFERENCE DRAWINGS

DWG. NO.	TITLE
000-03-01-051	ALIGNMENT SHEET

REVISIONS

NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR PADEP	10/2018	JL (MM)	AJD (MM)	MJD (MM)
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PennEast PIPELINE

PENNEAST PIPELINE PROJECT

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