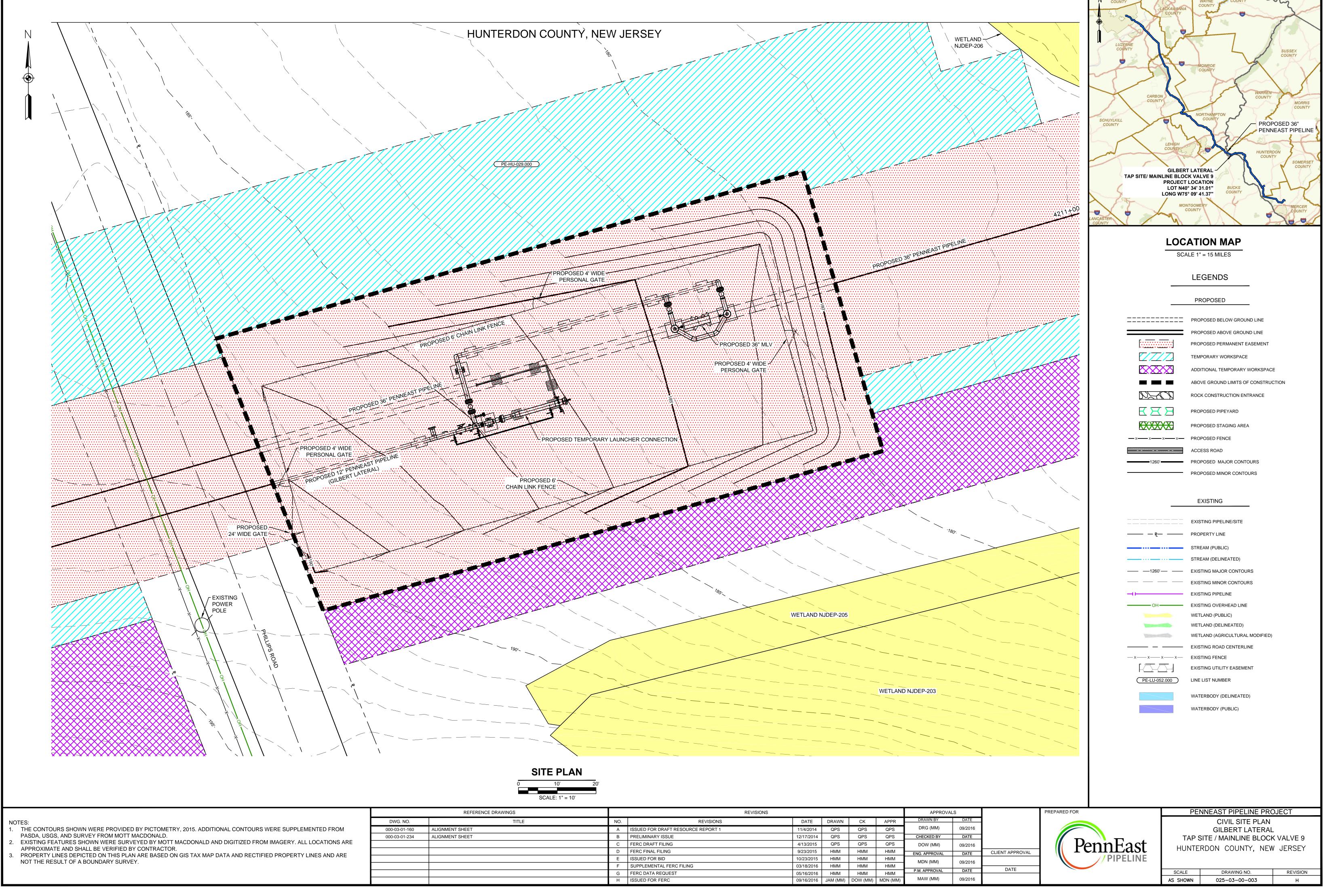


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09/16/2016 JAM (MM) DOW (MM) MDN (MM)

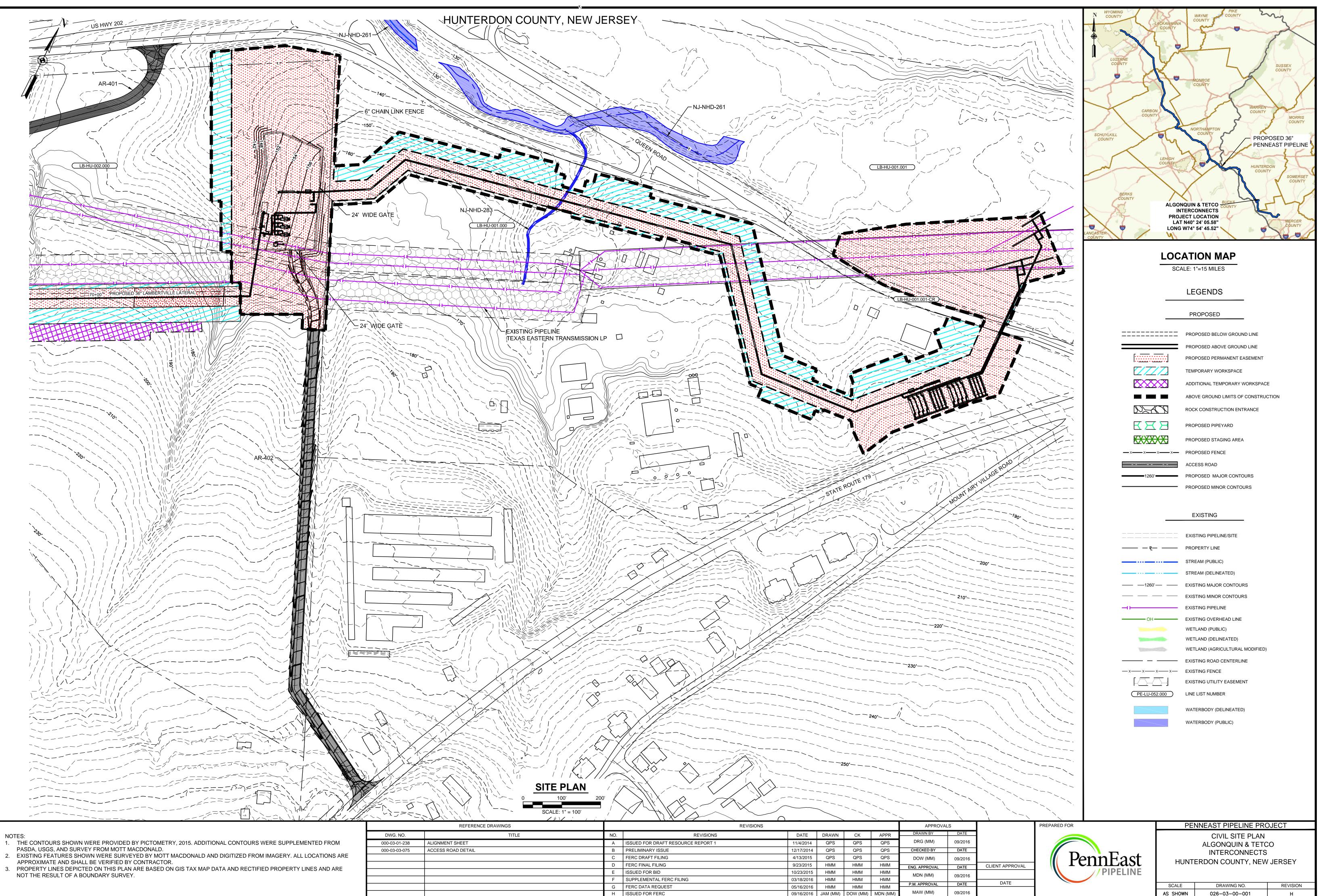
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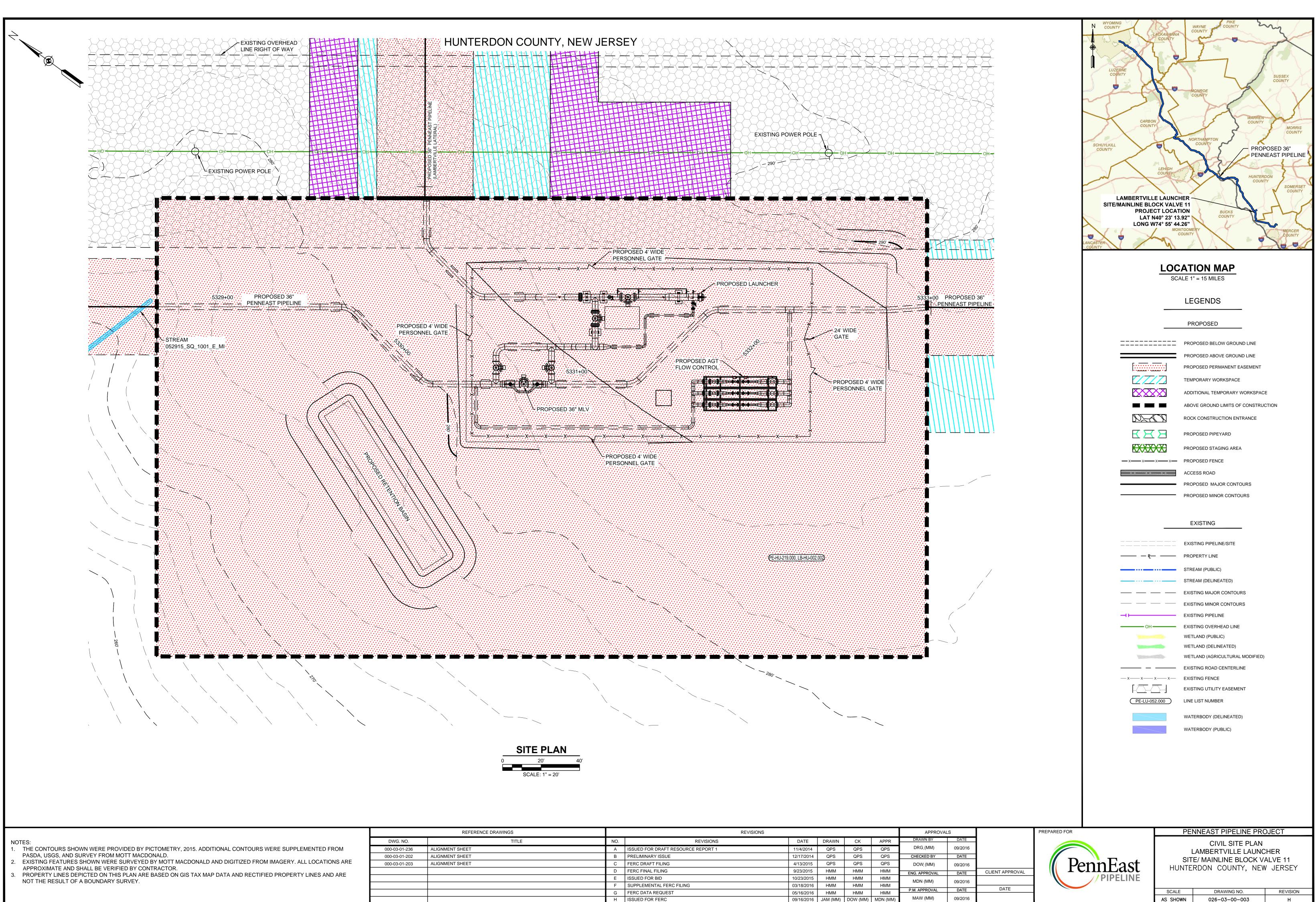


	NOTES:	
	1. THE CONTOURS SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS WERE SUPPLEMENTED FROM	C
	PASDA, USGS, AND SURVEY FROM MOTT MACDONALD.	C
	2. EXISTING FEATURES SHOWN WERE SURVEYED BY MOTT MACDONALD AND DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE	
	APPROXIMATE AND SHALL BE VERIFIED 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	

REFERENCE DRAWINGS		REVISIONS						
TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAW	
GNMENT SHEET	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (
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	D	FERC FINAL FILING	9/23/2015	HMM	HMM	HMM	ENG. APP	
	E	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM	MDN (I	
	F	SUPPLEMENTAL FERC FILING	03/18/2016	HMM	HMM	HMM		
	G	FERC DATA REQUEST	05/16/2016	HMM	HMM	HMM	P.M. APPI	
	Н	ISSUED FOR FERC	09/16/2016	JAM (MM)	DOW (MM)	MDN (MM)	MAW (

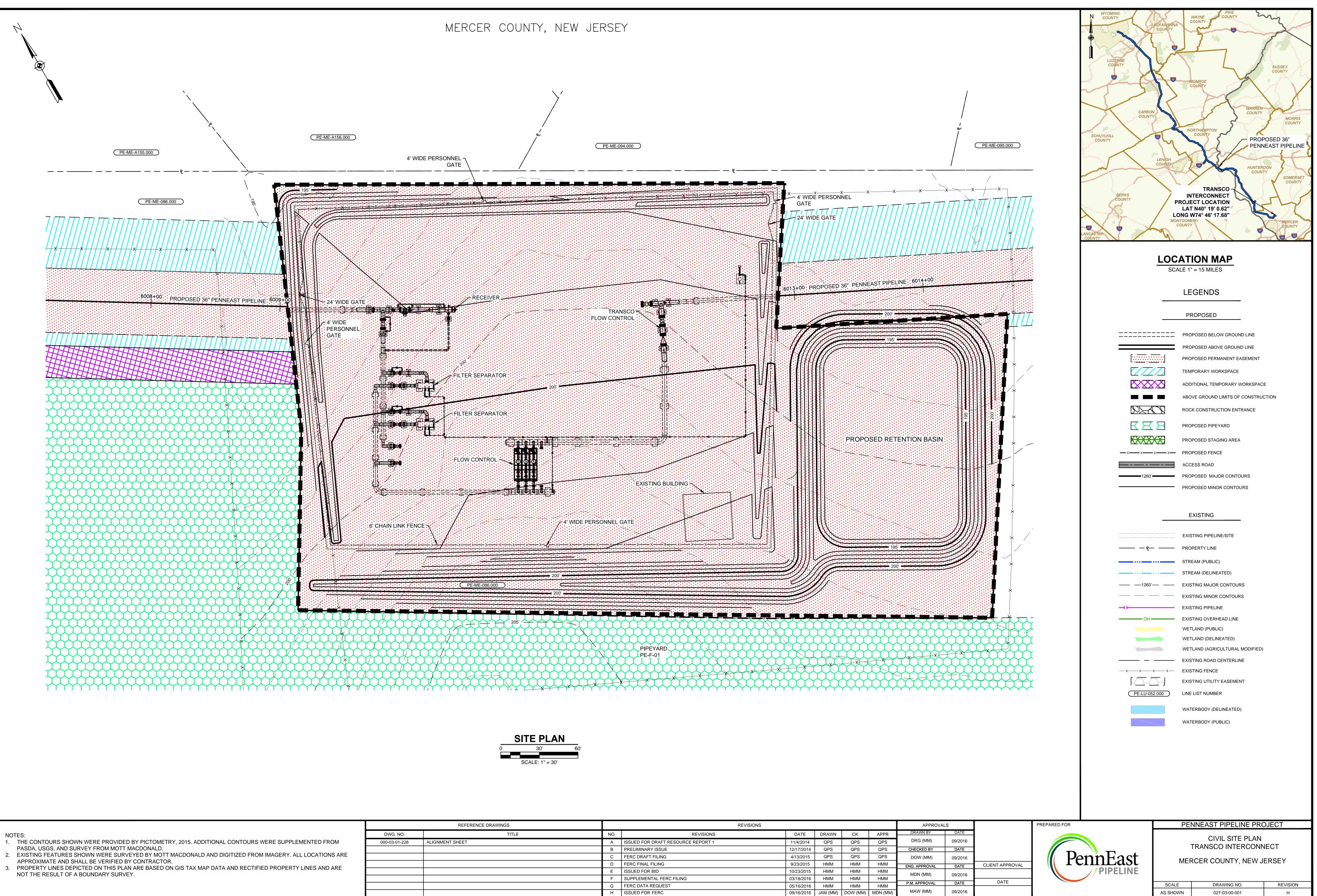


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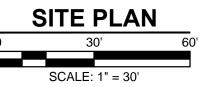


REFERENCE DRAWINGS		REVISIONS					
TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAW
IGNMENT SHEET	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG.(
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IGNMENT SHEET	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DOW.
	D	FERC FINAL FILING	9/23/2015	HMM	HMM	НММ	ENG. APP
	E	ISSUED FOR BID	10/23/2015	HMM	HMM	НММ	MDN (I
	F	SUPPLEMENTAL FERC FILING	03/18/2016	HMM	HMM	НММ	,
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	н	ISSUED FOR FERC	09/16/2016	JAM (MM)	DOW (MM)	MDN (MM)	MAW (

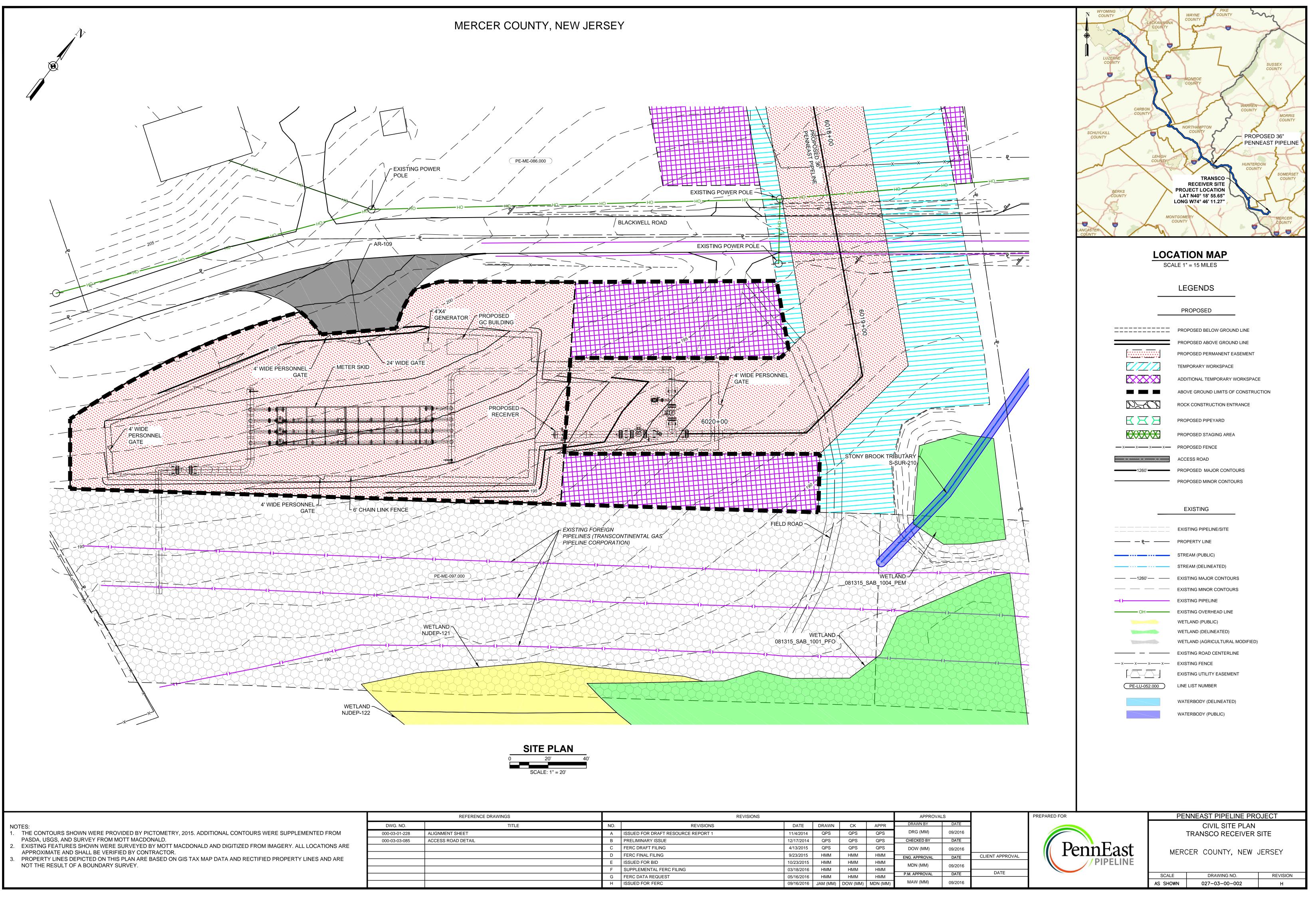
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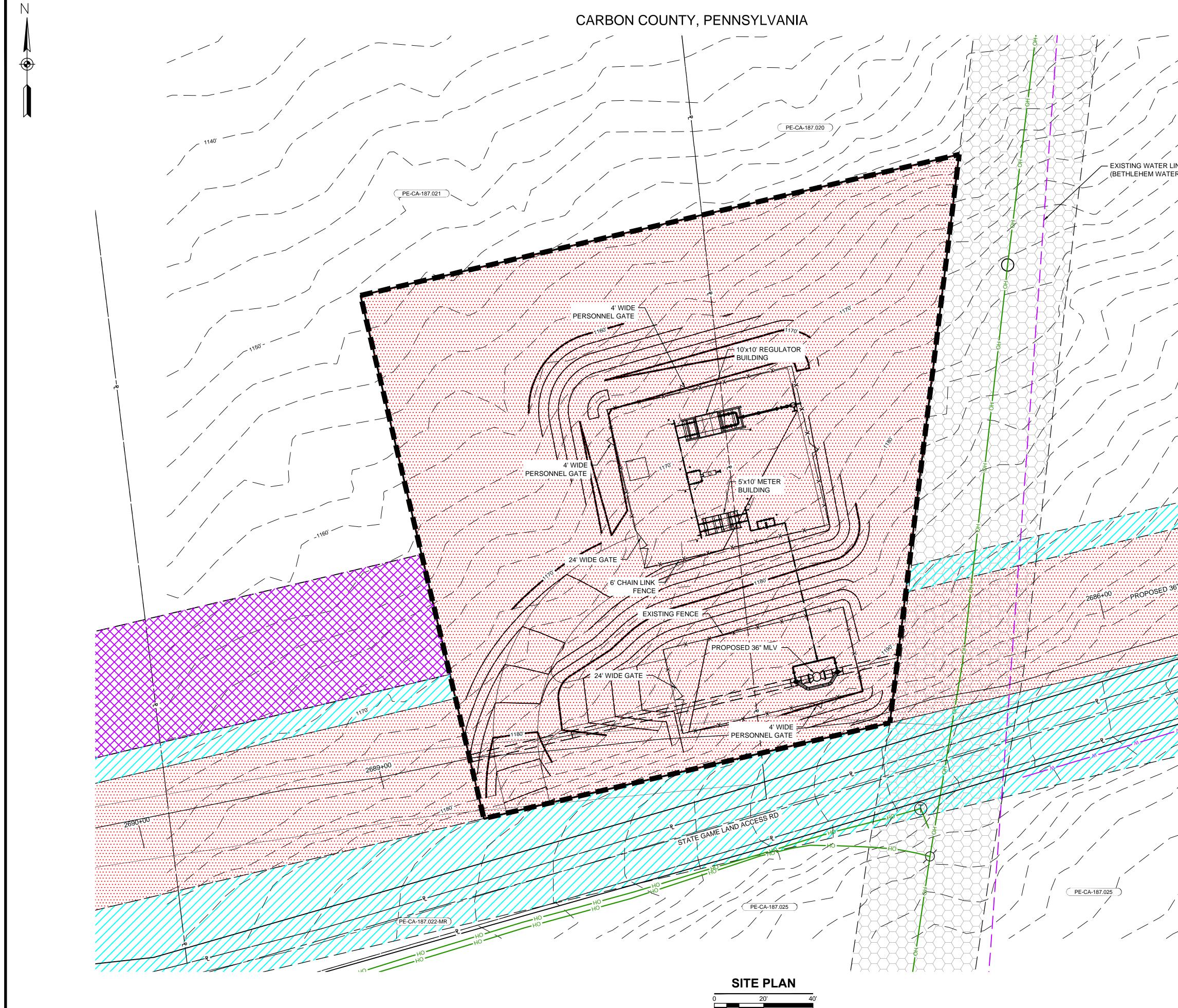




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GNMENT SHEET	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (N	
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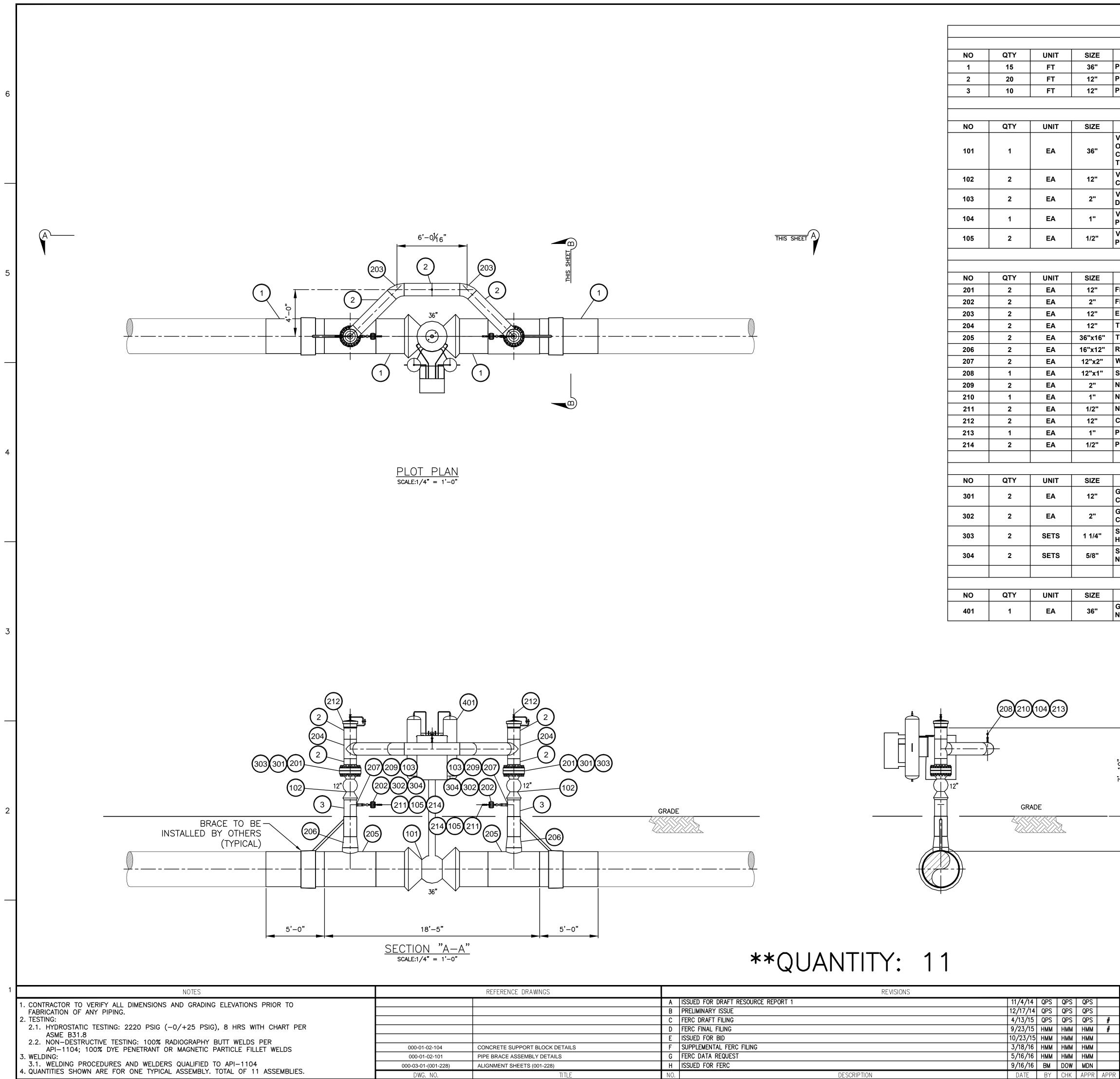


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TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN
GNMENT SHEET	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (
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	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DOW (
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	Н	ISSUED FOR FERC	09/16/2016	JAM (MM)	DOW (MM)	MDN (MM)	MAW (



- 1. THE CONTOURS SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS WERE SUPPLEMENTED FROM PASDA, USGS, AND SURVEY FROM MOTT MACDONALD.
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- DWG. NO. 000-03-01-102.1 ALIGNM

	Y, PENNSYLVANIA	COUNTY COUNTY
4' WIDE PERSONNEL GATE		
	1170 10'x10' REGULATOR BUILDING	SCALE 1" = 15 MILES
		PROPOSED
4 WIDE VEL GATE 24 WIDE GATE C CHAIN LINK FENCE 24 WIDE GATE 24 WIDE GATE 24 WIDE GATE 24 WIDE GATE		PROPOSED BELOW GROUND LINE PROPOSED PERMANENT EASEMENT PROPOSED PERMANENT PROPOSED PERMANENT PROPOSED PERMANENT PROPOSED PERMANENT PROPOSED PERMANENT PROPOSED MINOR CONTOURS PROPO
REFERENCE DRAWINGS	SCALE: 1" = 20' REVISIONS APPROVALS PREPARED FOR	PENNEAST PIPELINE PROJECT
TITLE	E ISSUED FOR BID 10/23/2015 HMM HMM HMM MDN (MM) 09/2016 F SUPPLEMENTAL FERC FILING 03/18/2016 HMM HMM HMM HMM DATE DATE G FERC DATA REQUEST 05/16/2016 HMM HMM HMM HMM TOTE DATE DATE	CIVIL SITE PLAN BLUE MOUNTAIN INTERCONNECT / MAINLINE BLOCK VALVE 5 CARBON COUNTY, PENNSYLVANIA
	H ISSUED FOR FERC 09/16/2016 JAM (MM) DOW (MM) MAW (MM) 09/2016	AS SHOWN 028-03-00-001 H



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				PENN EAST - MLV - BOM	
				PIPE	
NO	QTY	UNIT	SIZE	DESCRIPTION	TAG NUMBER/NOTE
1	15	FT	36"	PIPE, 36", 0.875" WT, DSAW, API 5L PSL-2 X65, COATED, 14-16 MIL FBE	
2	20	FT	12"	PIPE, 12", 0.375" WT, SMLS, API 5L PSL-2 X52, BARE	
3	10	FT	12"	PIPE, 12", 0.375" WT, SMLS, API 5L PSL-2 X52, COATED, 14-16 MIL FBE	
				VALVES	
NO	QTY	UNIT	SIZE	DESCRIPTION	TAG NUMBER/NOTE
101	1	EA	36"	VALVE, BALL, 36", WE, CL 600, API 6D, CARBON STEEL, FULL PORT, 0.875" WT, X65 TRANSITION PIPE, GEAR OPERATOR WITH HANDWHEEL (FOR ASSEMBLY TESTING), CLEANED AND SHOP-PRIMED, FBE COATED, CAMERON T31 OR EQUAL (TO BE ORDERED WITH 84" STEM EXTENSION FROM CENTERLINE OF VALVE TO TOP OF EXTENSION)	FURNISHED BY COMPANY
102	2	EA	12"	VALVE, BALL, 12", RF X WE, CL 600, API 6D, CARBON STEEL, FULL PORT, GEAR OPERATOR & HANDWHEEL, CLEANED AND SHOP-PRIMED, CAMERON T31 OR EQUAL, 0.375 WT, X52 TRANSITION PIPE	FURNISHED BY COMPANY
103	2	EA	2"	VALVE, BALL, 2", RF X WE, CL 600, API 6D, CARBON STEEL, FULL PORT, LEVER OPERATOR & LOCKING DEVICE, CLEANED AND SHOP-PRIMED, CAMERON T31 OR EQUAL, 0.218 WT, GR B TRANSITION PIPE	
104	1	EA	1"	VALVE, BALL, 1", FSW X FNPT, 3000 PSIG WP MIN, ASME B16.34, CARBON STEEL, FULL PORT, PRESSURE-BALANCED BALL, LEVER OPERATOR & LOCKING DEVICE, APOLLO SERIES 83A OR EQUAL	
105	2	EA	1/2"	VALVE, BALL, 1/2", FSW X FNPT, 3000 PSIG WP MIN, ASME B16.34, CARBON STEEL, FULL PORT, PRESSURE-BALANCED BALL, LEVER OPERATOR & LOCKING DEVICE, APOLLO SERIES 83A OR EQUAL	
				PIPE FITTINGS	
NO	QTY	UNIT	SIZE	DESCRIPTION	TAG NUMBER/NOT
201	2	EA	12"	FLANGE, WELDNECK, RF, CL 600, 12", A694 F52, ASME B16.5, BORE TO MATCH 0.375" WT	
202	2	EA	2"	FLANGE, BLIND, RF, CL 600, 2", A105 WCB, ASME B16.5, 1/2" CD&T	
203	2	EA	12"	ELBOW, 45°, LR, 12", 0.375" WT, BW, A860 WPHY 52, ASME B16.9	
204	2	EA	12"	TEE STRAIGHT, 12", 0.375" WT, BW, A860 WPHY 52, ASME B16.9	
205	2	EA	36"x16"	TEE, RED, 36", 0.875" WT x 16", 0.500" WT, BW, A860 WPHY 65, MSS SP-75	
206	2	EA	16"x12"	REDUCER, CONC, 16", 0.500" WT x 12", 0.375" WT, BW, A860 WPHY 52, MSS-SP-75	
207	2	EA	12"x2"	WELDOLET, 2", 0.218" WT x 12", 0.375" WT, A694 F52, ASME B16.25, MSS SP-97	
208	- 1	EA	12"x1"	SOCKOLET, 1" x 12", 3000LB, A694 F52, MSS-SP-97, ASME B16.11	
209	2	EA	2"	NIPPLE, 2", 0.218" WT, 4" LG, SMLS, A106 GR B, BBE	
210	- 1	EA	1"	NIPPLE, 1", 0.179" WT, 4" LG, SMLS, A106 GR B, PBE	
211	2	EA	1/2"	NIPPLE, 1/2", 0.147" WT, 4" LG, SMLS, A106 GR B, PBE	
212	2	EA	12"	CLOSURE, VERTICAL - 12.750" OD, 0.375" WT, CL 600, X52 PIPE, YALE FIG. 500 OR EQUIV.	
213	1	EA	1"	PLUG, HEX HEAD, 1", MNPT, 3000LB, A105 WCB, ASME B16.11, ASME B1.20.1	
214	2	EA	1/2"	PLUG, HEX HEAD, 1/2", MNPT, 3000LB, A105 WCB, ASME B16.11, ASME B1.20.1	
	-				
				BOLTS, GASKETS, MISCELLANEOUS	
NO	QTY	UNIT	SIZE	DESCRIPTION	TAG NUMBER/NOT
301	2	EA	12"	GASKET, 1/8" THICK, ASME B16.20, CL 600 PER API 601, SPIRAL WOUND W/304 SS WINDING AND CHLORITE/GRAPHITE FILLER, FLEXITALLIC STYLE CGI OR EQUAL, FOR 12" RF FLANGE SET	
302	2	EA	2"	GASKET, 1/8" THICK, ASME B16.20, CL 600 PER API 601, SPIRAL WOUND W/304 SS WINDING AND CHLORITE/GRAPHITE FILLER, FLEXITALLIC STYLE CGI OR EQUAL, FOR 2" RF FLANGE SET	
303	2	SETS	1 1/4"	STUD BOLT (20 BOLTS PER FLANGE), 1.250" x 9.000" LG, ASTM A193, GR B7, XYLAN COATED, WITH HEAVY HEX NUTS, ASTM A194, GR 2H, XYLAN COATED, FOR 12" CL 600 RF FLANGE SET	
304	2	SETS	5/8"	STUD BOLT (8 BOLTS PER FLANGE), 0.625" x 4.500" LG, ASTM A193, GR B7, XYLAN COATED, WITH HEAVY HEX NUTS, ASTM A194, GR 2H, XYLAN COATED, FOR 2" CL 600 RF FLANGE SET	
				EQUIPMENT	
NO	QTY	UNIT	SIZE	DESCRIPTION	TAG NUMBER/NOT
401	1	EA	36"	GAS-POWERED ACTUATOR, ROTARY VANE TYPE WITH MOUNTING HARDWARE, 1480 PSIG DESIGN, WITH 1/2" NPTF PORTS, SHAFER OR EQUAL	FURNISHED BY COMPANY

NGS		REVISIONS							
	Α	ISSUED FOR DRAFT RESOURCE REPORT 1		11/4/14	QPS	QPS	QPS		
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	С	FERC DRAFT FILING		4/13/15	QPS	QPS	QPS	#	
	D	FERC FINAL FILING		9/23/15	НММ	HMM	НММ	#	
	Ε	ISSUED FOR BID		10/23/1	5 HMM	HMM	НММ		
LOCK DETAILS	F	SUPPLEMENTAL FERC FILING		3/18/16	HMM	HMM	НММ		
DETAILS	G	FERC DATA REQUEST		5/16/16	HMM	HMM	НММ		THIS DRAWING IS THE PROPERTY DESCRIBING TECHNOLOGY OWNE
1-228)	Н	ISSUED FOR FERC		9/16/16	BM	DOW	MDN		IN CONNECTION WITH WORK PER OTHER THAN WORK FOR PE IS EX
TITLE	NO.	DESCRIPTION		DATE	BY	CHK	APPR	APPR	TO BE SAFEGUARDED AGAINST
D		E	F						G

3'-0" (MIN. COVER)

DESIGN CRITERIA								
DESIGN CODE	DOT49CFR PART 192 ASME B31.8							
DESIGN FACTOR	0.5							
DESIGN PRESSURE	1480 PSIG							
DESIGN TEMPERATURE	-20° TO 100°F							
CORROSION ALLOWANCE	0							
DIMENSION UNITS	INCHES							



PENNEAST MAINLINE VALVE SETTINGS

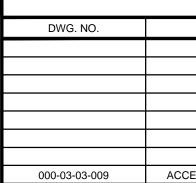
PennEast	MAINLINE VALVE DETAILS						
	DRAWN BY		DATE ISSUED		st		
OPERTY OF PENNEAST PIPELINE COMPANY, LLC ("PE"). IT MAY CONTAIN INFORMATION	CHECKED BY		SCALE	AS SHOWN	Щ		
			APPROVED BY		enr		
PE IS EXPRESSLY FORBIDDEN EXCEPT BY EXPRESS WRITTEN PERMISSION OF PE. IT IS GAINST BOTH DELIBERATE AND INADVERTENT DISCLOSURE TO ANY THIRD PARTY.	DWG. NO.	029-03-00-001	SHEET	1 OF 1 REV. H	G:\P		

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- 1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY SUPPLEMENTED FROM PASDA AND USGS.
- EXISTING FEATURES SHOWN WERE SURVEYED BY MOTT MACDONALD AND DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.

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SCALE: 1" = 100

REFERENCE DRAWINGS	REVISIONS					APPROVALS		
TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN BY	DATE
	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (MM)	09/2016
	В	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS	CHECKED BY	DATE
	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DRG (MM)	09/2016
	D	FERC FINAL FILING	9/23/2015	HMM	HMM	НММ	ENG. APPROVAL	DATE
	Е	ISSUED FOR BID	10/23/2015	HMM	HMM	НММ		09/2016
	F	SUPPLEMENTAL FERC FILING	03/18/2016	HMM	HMM	НММ		
	G	FERC DATA REQUEST	05/16/2016	НММ	НММ	НММ	P.M. APPROVAL	DATE
CESS ROAD DETAIL	Н	ISSUED FOR FERC	09/16/2016	RJR (MM)	DRG (MM)	MDN (MM)	MAW (MM)	09/2016
CESS ROAD DETAIL	B C D E F G	PRELIMINARY ISSUE FERC DRAFT FILING FERC FINAL FILING ISSUED FOR BID SUPPLEMENTAL FERC FILING FERC DATA REQUEST	12/17/2014 4/13/2015 9/23/2015 10/23/2015 03/18/2016 05/16/2016	QPS HMM HMM HMM HMM	QPS QPS HMM HMM HMM HMM	QPS HMM HMM HMM	DRG (MM) ENG. APPROVAL MDN (MM) P.M. APPROVAL	09, D 09, D

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	EXISTING HWY/ROAD
PE-LU-052.00	LINE LIST NUMBER
	WATERBODY (DELINEA
	WATERBODY (PUBLIC)

PREPARED FOR

PennEast

/ PIPELINE

CLIENT APPROVAL

DATE

PENNEAST PIPELINE PROJECT

PIPE YARD DETAILS
PIPE YARD - PE-A-01
LUZERNE COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-04-001	н





NOTES:

- 1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY
- SUPPLEMENTED FROM PASDA AND USGS. EXISTING FEATURES SHOWN WERE SURVEYED BY MOTT MACDONALD AND DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
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DWG. NO. 000-03-03-011 AC

REFERENCE DRAWINGS

TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN BY
	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (MM)
	В	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS	CHECKED BY
	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DRG (MM)
	D	FERC FINAL FILING	9/23/2015	HMM	HMM	HMM	ENG. APPROVAL
	E	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM	MDN (MM)
	F	SUPPLEMENTAL FERC FILING	03/18/2016	HMM	HMM	HMM	
	G	FERC DATA REQUEST	05/16/2016	HMM	HMM	HMM	P.M. APPROVAL
ESS ROAD DETAIL	Н	ISSUED FOR FERC	09/16/2016	RJR (MM)	DRG (MM)	MDN (MM)	MAW (MM)

REVISIONS

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xxx	EXISTING FENCE
	EXISTING HWY/RO
PE-LU-052.00	LINE LIST NUMBER
	WATERBODY (DEL
	WATERBODY (PUB

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PENNEAST PIPELINE PROJECT

PIPE YARD DETAILS	
PIPE YARD - PE-A-02	
UZERNE COUNTY, PENNSYLVANIA	

09/2016		
DATE	CLIENT APPROVAL	
09/2016		
DATE	DATE	
09/2016		

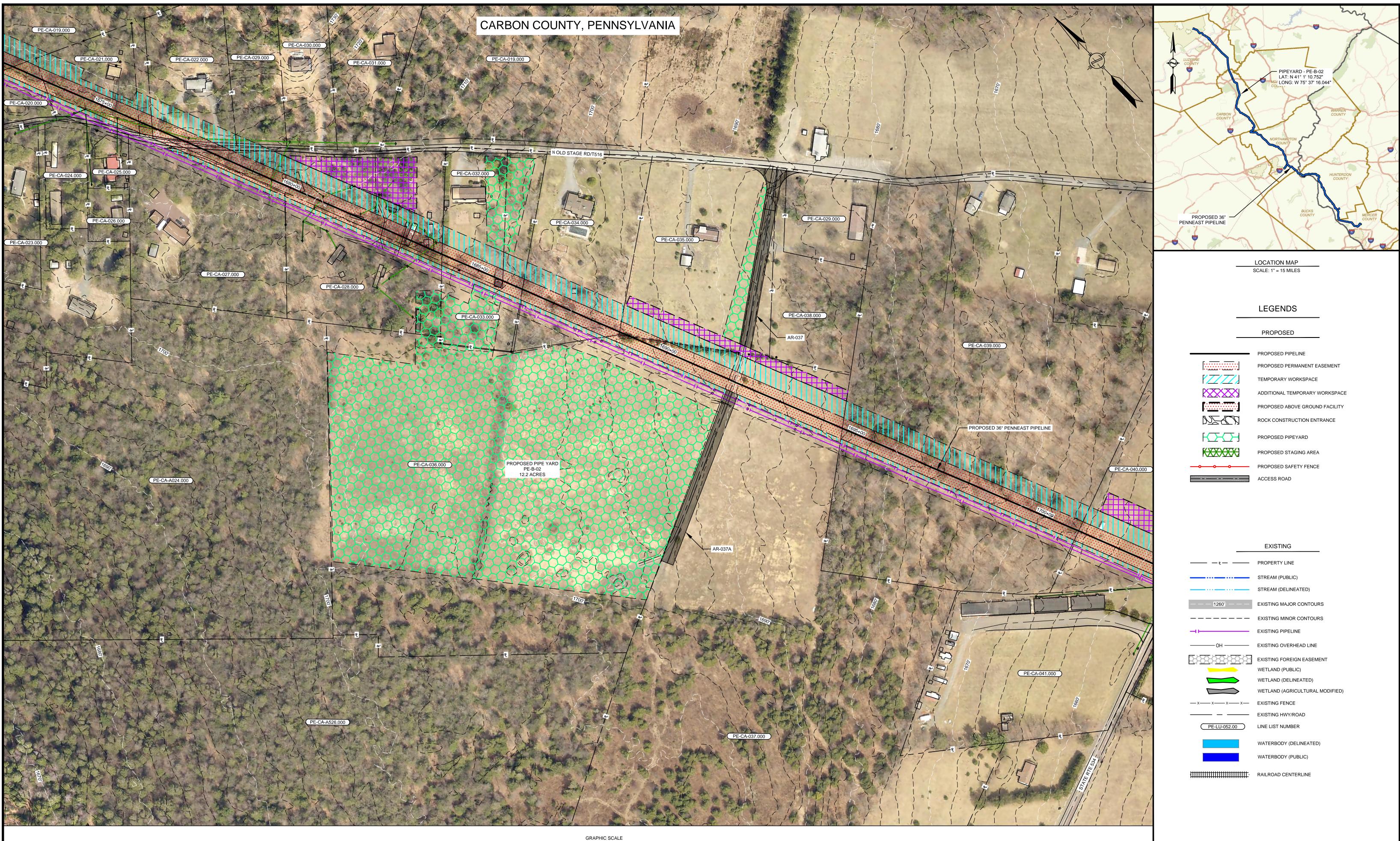
APPROVALS

PPROVAL

09/2016



SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-04-001A	Н



- 1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY SUPPLEMENTED FROM PASDA AND USGS.
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- DWG. NO. 000-03-01-064 ALIGN

100

SCALE 1" = 100'

REFERENCE DRAWINGS	REVISIONS					APPROVALS		
TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN BY	
	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (MM)	09
	В	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS	CHECKED BY	
	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DRG (MM)	09
	D	FERC FINAL FILING	9/23/2015	HMM	HMM	HMM	ENG. APPROVAL	
	Е	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM	MDN (MM)	09
	F	SUPPLEMENTAL FERC FILING	03/18/2016	HMM	HMM	HMM	× ,	09
	G	FERC DATA REQUEST	05/16/2016	HMM	HMM	НММ	P.M. APPROVAL	<u>├──[□]</u>
GNMENT SHEET	Н	ISSUED FOR FERC	09/16/2016	RJR (MM)	DRG (MM)	MDN (MM)	MAW (MM)	09

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PENNEAST PIPELINE PROJECT

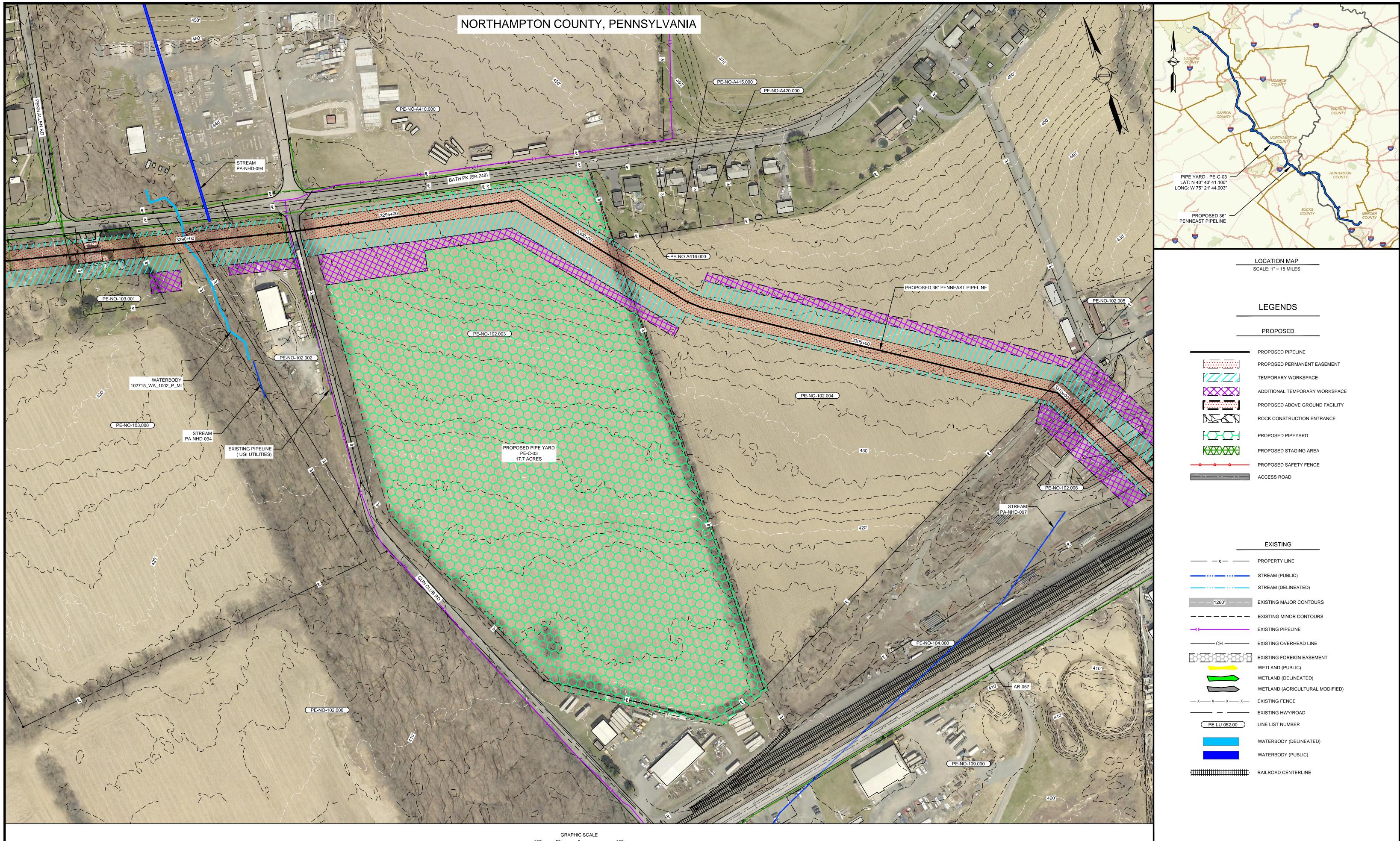
PIPE YARD DETAILS
PIPE YARD - PE-B-02
CARBON COUNTY, PENNSYLVANIA

CKED BY	DATE	
G (MM)	09/2016	
PPROVAL	DATE	CLIENT APPROVAL
N (MM)	09/2016	
PPROVAL	DATE	DATE
N (MM)	09/2016	

09/2016



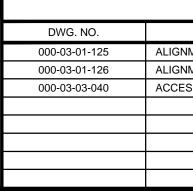
SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-04-002	Н



NOTES:

- 1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY SUPPLEMENTED FROM PASDA AND USGS. EXISTING FEATURES SHOWN WERE SURVEYED BY MOTT MACDONALD AND DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE
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REFERENCE DRAWINGS		REVISIONS				APPROVAL	S		
TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN BY	DATE	
GNMENT SHEET	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (MM)	09/2016	
GNMENT SHEET	В	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS	CHECKED BY	DATE	
CESS ROAD DETAIL	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DRG (MM) 09/2		
	D	FERC FINAL FILING	9/23/2015	HMM	HMM	HMM	ENG. APPROVAL	DATE	CL
	Е	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM	MDN (MM)	09/2016	
	F	SUPPLEMENTAL FERC FILING	03/18/2016	HMM	HMM	HMM		09/2010	
	G	FERC DATA REQUEST	05/16/2016	НММ	НММ	НММ	P.M. APPROVAL	DATE	
	- U						MAW (MM)	09/2016	
	Н	ISSUED FOR FERC	09/16/2016	RJR (MM)	DRG (MM)	MDN (MM)		03/2010	

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PE-LU-052.00	LINE LIST NUMBER
	WATERBODY (DEL
	WATERBODY (PUB

CLIENT APPROVAL DATE

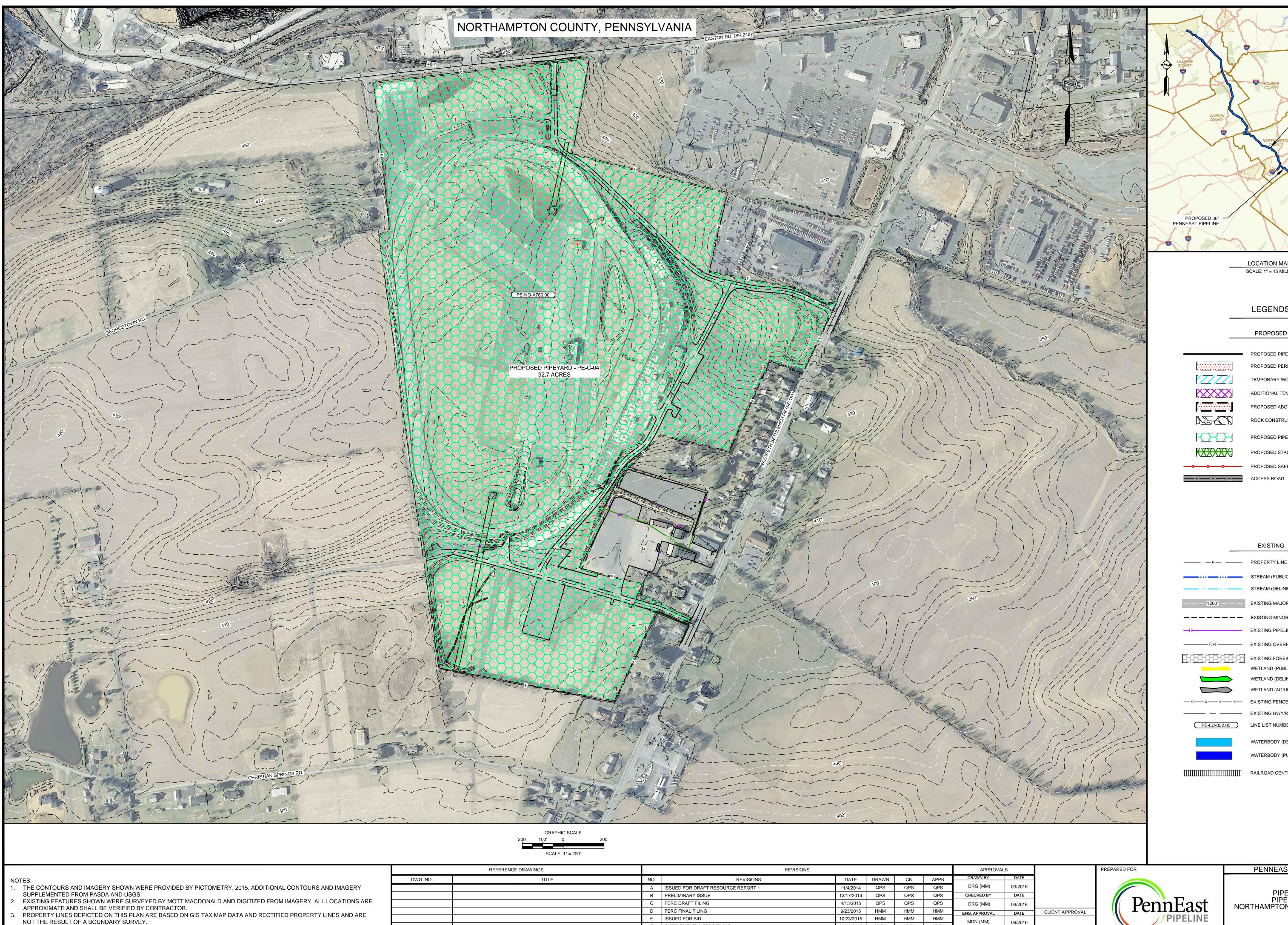


PREPARED FOR

PENNEAST PIPELINE PROJECT

PIPE YARD DETAILS PIPE YARD - PE-C-03 NORTHAMPTON COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-04-003	Н



- NOT THE RESULT OF A BOUNDARY SURVEY.

REFERENCE DRAWINGS		REVISIONS			APPROVAL	S		
TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN BY	DATE
	٨			QPS	QPS	QPS	DRG (MM)	09/2016
	A	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QP5	QP3	QP3	2110 ()	00/2010
	В	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS	CHECKED BY	DATE
	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DRG (MM)	09/2016
	D	FERC FINAL FILING	9/23/2015	HMM	HMM	НММ	ENG. APPROVAL	DATE
	E	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM	MDN (MM)	09/2016
	F	SUPPLEMENTAL FERC FILING	03/18/2016	HMM	HMM	HMM		09/2010
	G	FERC DATA REQUEST	05/16/2016	НММ	НММ	НММ	P.M. APPROVAL	DATE
	-						MAW (MM)	00/2016
	Н	ISSUED FOR FERC	09/16/2016	RJR (MM)	DRG (MM)	MDN (MM)		09/2016

PIPE YARD - PE-C-04 LAT: N 40° 43' 40.203" LONG: W 75° 19' 12.684" PROPOSED 36" -

LOCATION MAP SCALE: 1" = 15 MILES

LEGENDS

PROPOSED

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- oo

PROPOSED PIPELINE PROPOSED PERMANENT EASEMENT TEMPORARY WORKSPACE ADDITIONAL TEMPORARY WORKSPACE PROPOSED ABOVE GROUND FACILITY ROCK CONSTRUCTION ENTRANCE PROPOSED PIPEYARD PROPOSED STAGING AREA PROPOSED SAFETY FENCE

	EXISTING
ę	PROPERTY LINE

	PROPERTY LINE
	STREAM (PUBLIC)
	STREAM (DELINEATED)
	EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
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RAILROAD CENTERLINE

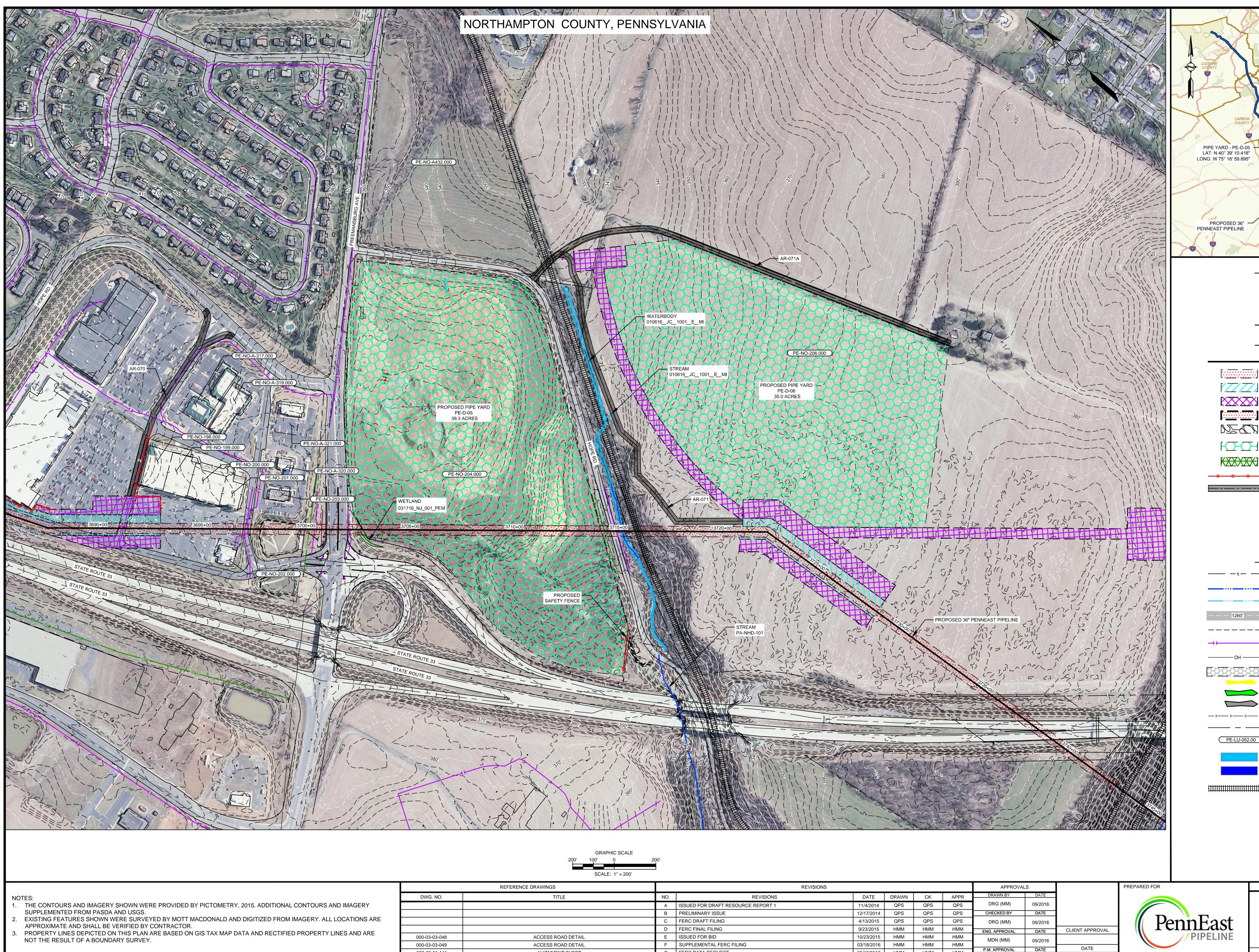
DATE

PENNEAST PIPELINE PROJECT

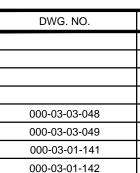
PIPE YARD DETAILS
PIPE YARD - PE-C-04
THAMPTON COUNTY PENNSYLV

NORTHAMPTON COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-04-004	Н







ACCESS ROAD DETAIL F SUPPLEMENTAL FERC FILING HMM HMM 03/18/2016 HMM P.M. APPROVAL G FERC DATA REQUEST ALIGNMENT SHEET HMM HMM HMM 05/16/2016 MAW (MM) H ISSUED FOR FERC 09/16/2016 RJR (MM) DRG (MM) MDN (MM ALIGNMENT SHEET

PIPE YARD - PE-D-05 LAT: N 40° 39' 10.418" PIPE YARD - PE-D-06 N 40° 39' 1.654" W 75° 16' 44.309"

LOCATION MAP SCALE: 1" = 15 MILES

LEGENDS

PROPOSED

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	PROPOSED PER
	TEMPORARY WO
	ADDITIONAL TEN
	PROPOSED ABO
	ROCK CONSTRU
	PROPOSED PIPE
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	PROPOSED SAF
	ACCESS ROAD

ROPOSED PIPELINE ROPOSED PERMANENT EASEMENT MPORARY WORKSPACE DITIONAL TEMPORARY WORKSPACE ROPOSED ABOVE GROUND FACILITY OCK CONSTRUCTION ENTRANCE ROPOSED PIPEYARD ROPOSED STAGING AREA ROPOSED SAFETY FENCE

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	EXISTING
	PROPERTY LINE
	STREAM (PUBLIC)
	STREAM (DELINEATED)
	EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
	EXISTING PIPELINE
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\supset	LINE LIST NUMBER
	WATERBODY (DELINEATED)
	WATERBODY (PUBLIC)

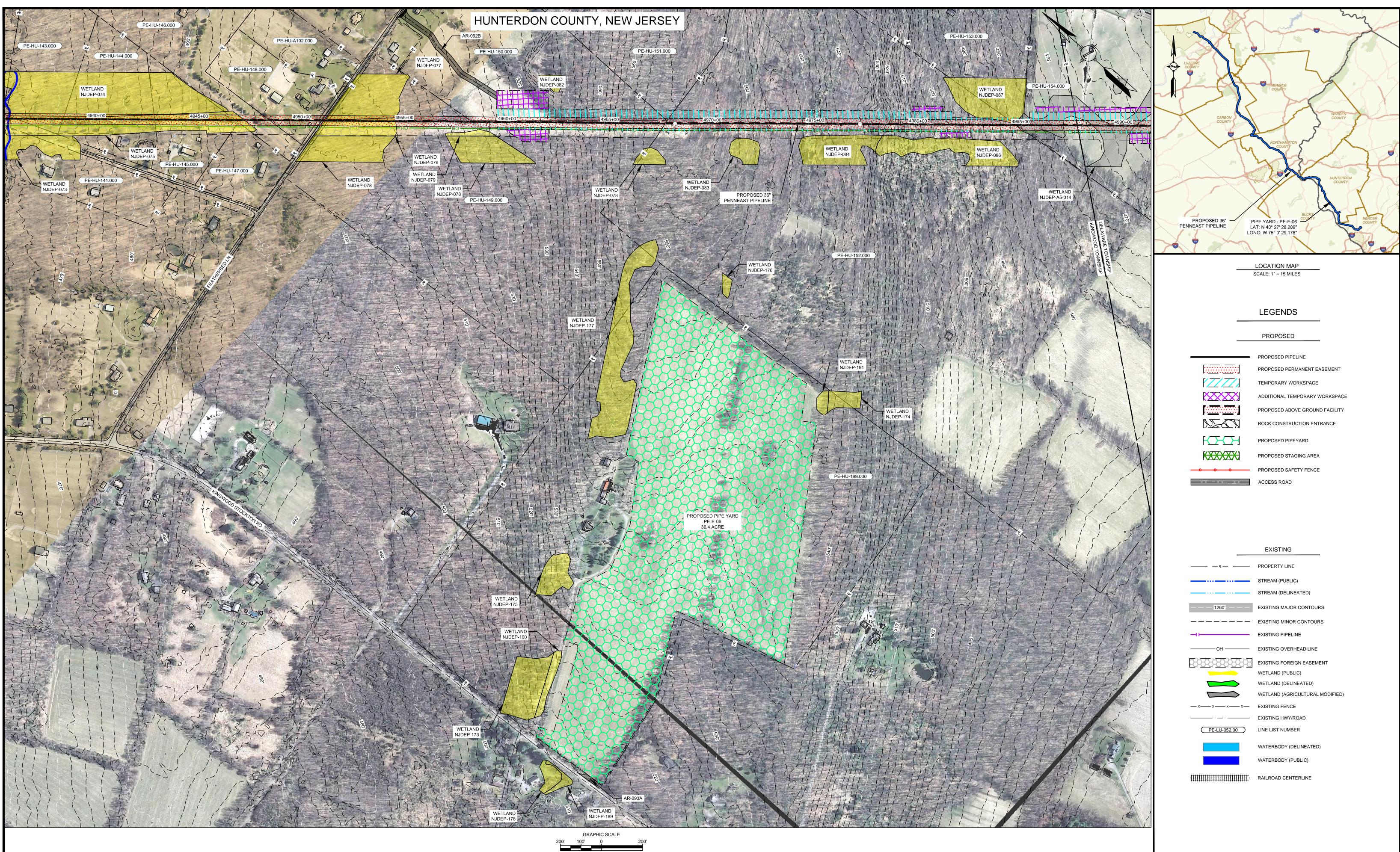
09/2016

RAILROAD CENTERLINE

PENNEAST PIPELINE PROJECT

PIPE YARD DETAILS PIPE YARD - PE-D-05_PE-D-06 NORTHAMPTON COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-04-005	н



- 1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY SUPPLEMENTED FROM PASDA AND USGS.
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- DWG. NO. 000-03-07-015 HDD 000-03-03-069.3 ACCE 000-03-03-069.2 ACC

SCALE: 1" = 200'

REFERENCE DRAWINGS	REVISIONS			REVISIONS		APPROVAL	_S	
TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN BY	
	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (MM)	09
	В	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS	CHECKED BY	
	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DRG (MM)	09
	D	FERC FINAL FILING	9/23/2015	HMM	HMM	HMM	ENG. APPROVAL	
	Е	ISSUED FOR BID	10/23/2015	HMM	HMM	НММ	MDN (MM)	09
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CCESS ROAD DETAIL	Н	ISSUED FOR FERC	09/16/2016	RJR (MM)	DRG (MM)	MDN (MM)	MAW (MM)	09

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	EXISTING
	PROPERTY LINE
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	STREAM (DELINEATED)
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OH	EXISTING OVERHEAD LINE
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xxx	EXISTING FENCE
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	WATERBODY (PUBLIC)
1111111111111111111111	RAILROAD CENTERLINE

PENNEAST PIPELINE PROJECT

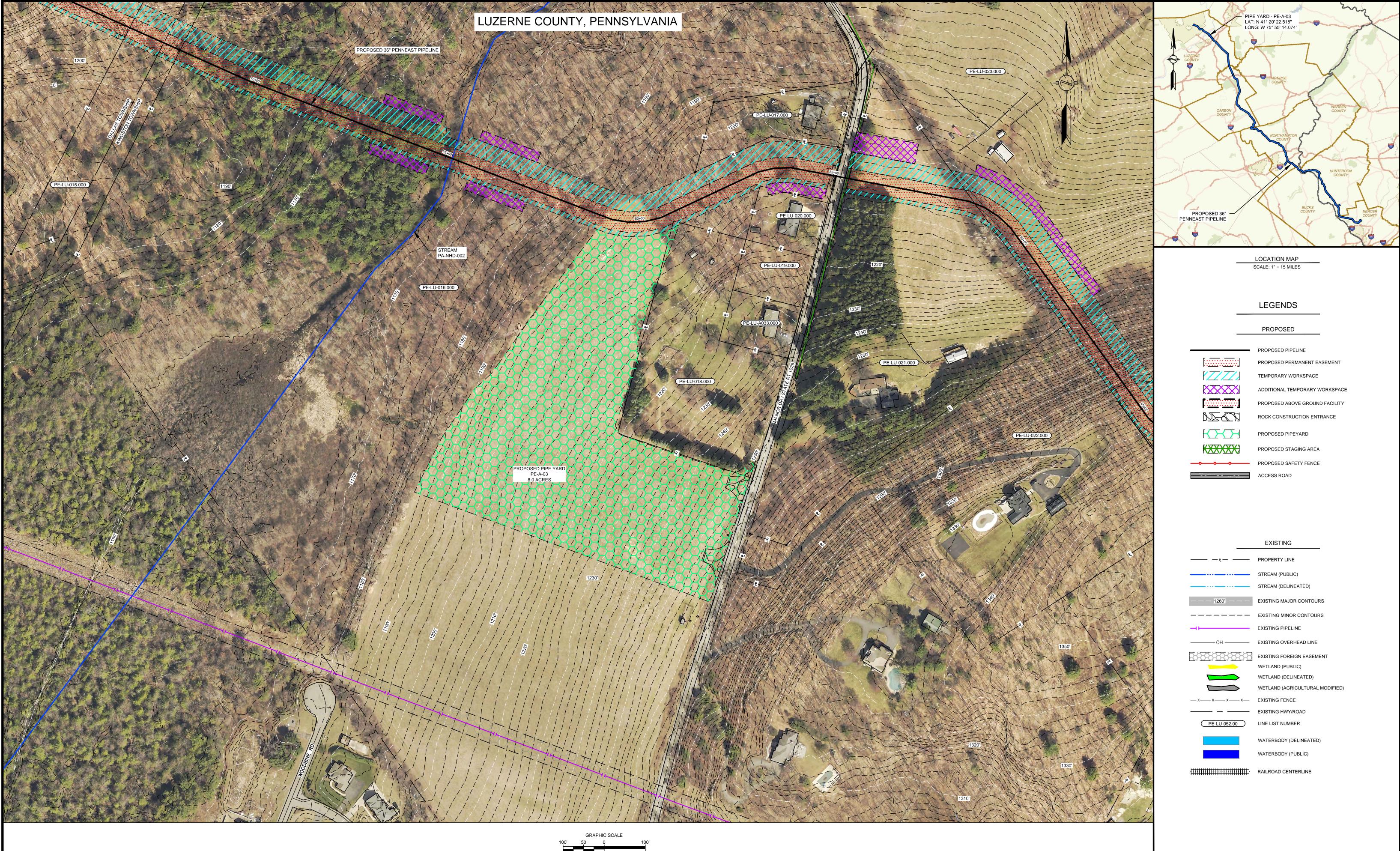
PIPE YARD DETAILS
PIPE YARD - PE-E-06
UNTERDON COUNTY, NEW JERSEY

09/2016		
DATE	CLIENT APPROVAL	
09/2016		
DATE	DATE	
00/2016		

09/2016



SCALE	DRAWING NO.	REVISION
S SHOWN	000-03-04-006	Н



- 1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY SUPPLEMENTED FROM PASDA AND USGS. 2. EXISTING FEATURES SHOWN WERE SURVEYED BY MOTT MACDONALD AND DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE
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SCALE: 1" = 100

REFERENCE DRAWINGS	REVISIONS			APPROVAL	S			
TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN BY	DATE
	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (MM)	09/2016
	В	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS	CHECKED BY	DATE
	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DRG (MM)	09/2016
	D	FERC FINAL FILING	9/23/2015	HMM	HMM	НММ	ENG. APPROVAL	DATE
	E	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM	MDN (MM)	09/2016
	F	SUPPLEMENTAL FERC FILING	03/18/2016	HMM	HMM	HMM		09/2016
GNMENT SHEET	G	FERC DATA REQUEST	05/16/2016	НММ	НММ	НММ	P.M. APPROVAL	DATE
GNMENT SHEET	Н	ISSUED FOR FERC	09/16/2016	RJR (MM)	DRG (MM)	MDN (MM)	MAW (MM)	09/2016

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	EXISTING MINOR CONTOU
	EXISTING PIPELINE
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	WETLAND (PUBLIC)
	WETLAND (DELINEATED)
	WETLAND (AGRICULTURAL
xxx	EXISTING FENCE
	EXISTING HWY/ROAD
PE-LU-052.00	LINE LIST NUMBER
	WATERBODY (DELINEATED
	WATERBODY (PUBLIC)
++++++++++++++++++++++++++++++++++++++	RAILROAD CENTERLINE

AS SHOWN

PREPARED FOR

PennEast

CLIENT APPROVAL

DATE

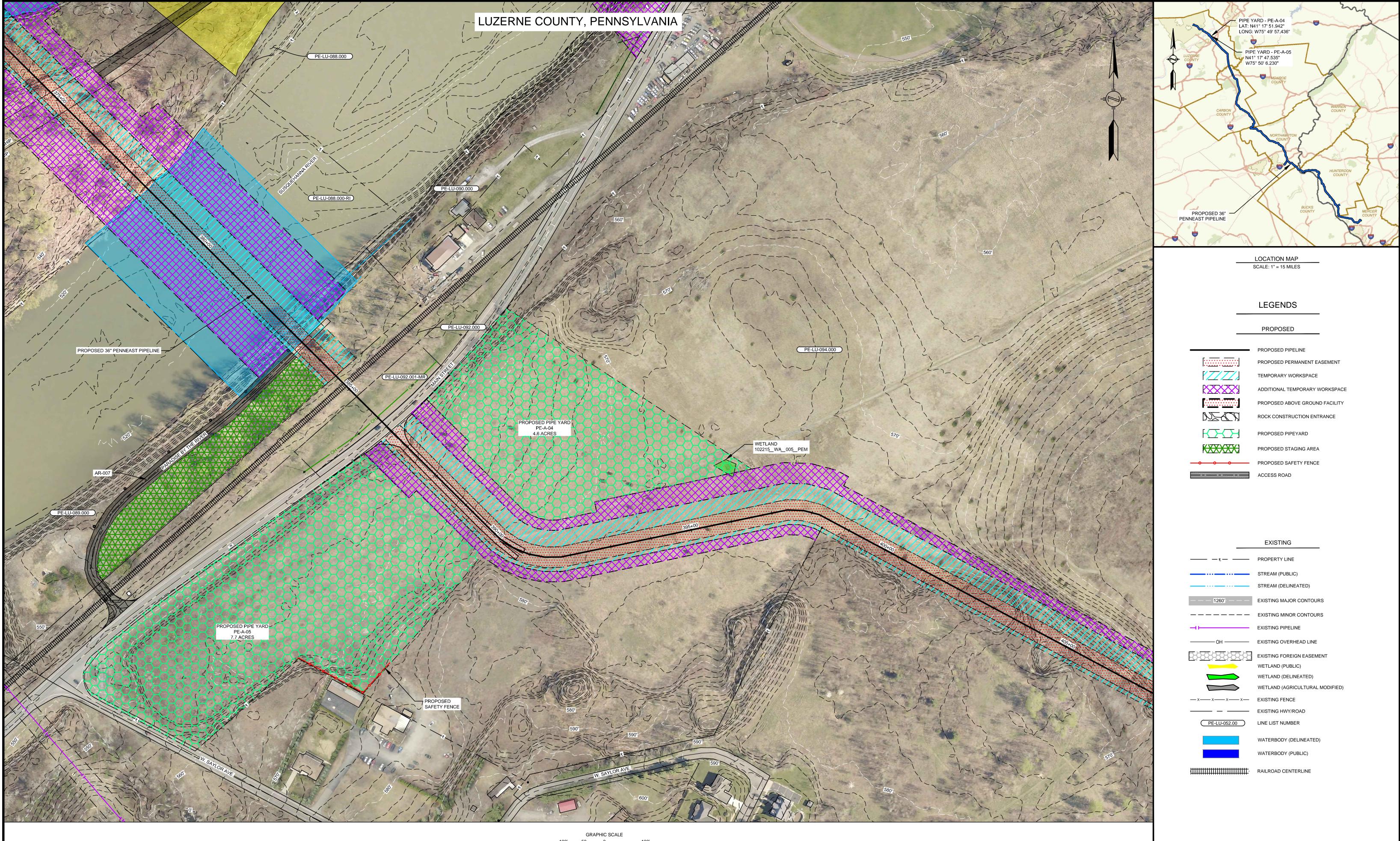
PENNEAST	PIPELINE	PROJEC

PIPE YARD - PE-A-03 IZERNE COUNTY, PENNSYLVA

000-03-04-007

LUZE	RNE COUNTY, PENNS'	YLVANIA	
SCALE	DRAWING NO.	REVISION	

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NOTES:

- 1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY SUPPLEMENTED FROM PASDA AND USGS.
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- DWG. NO. 000-03-03-006 ACCE 000-03-06-001 WATE 000-03-01-016 ALIGN 000-03-01-015 ALIGN

SCALE: 1" = 1

REFERENCE DRAWINGS	REVISIONS		APPROVAL	.S				
TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN BY	D
	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (MM)	09/
	В	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS	CHECKED BY	D
	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DRG (MM)	09/
	D	FERC FINAL FILING	9/23/2015	HMM	HMM	HMM	ENG. APPROVAL	D
CESS ROAD DETAIL	Е	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM	MDN (MM)	09/
ATERBODY SITE SPECIFIC	F	SUPPLEMENTAL FERC FILING	03/18/2016	HMM	HMM	НММ	、 <i>,</i>	09/
IGNMENT SHEET	G	FERC DATA REQUEST	05/16/2016	HMM	HMM	НММ	P.M. APPROVAL	<u> </u>
IGNMENT SHEET	Н	ISSUED FOR FERC	09/16/2016	RJR (MM)	DRG (MM)	MDN (MM)	MAW (MM)	09/

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	EXISTING
	PROPERTY LINE
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	STREAM (DELINEATED)
1260	EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
	EXISTING PIPELINE
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	WETLAND (DELINEATED)
	WETLAND (AGRICULTURAL MODI
xxx	EXISTING FENCE
	EXISTING HWY/ROAD
PE-LU-052.00	LINE LIST NUMBER
	WATERBODY (DELINEATED)
	WATERBODY (PUBLIC)
1 1111111111111111111111111 1	RAILROAD CENTERLINE

PENNEAST PIPELINE PROJECT

PIPE YARD DETAILS	
PIPE YARD - PE-A-04_PE-A-05	
UZERNE COUNTY, PENNSYLVAN	IA

REVISION

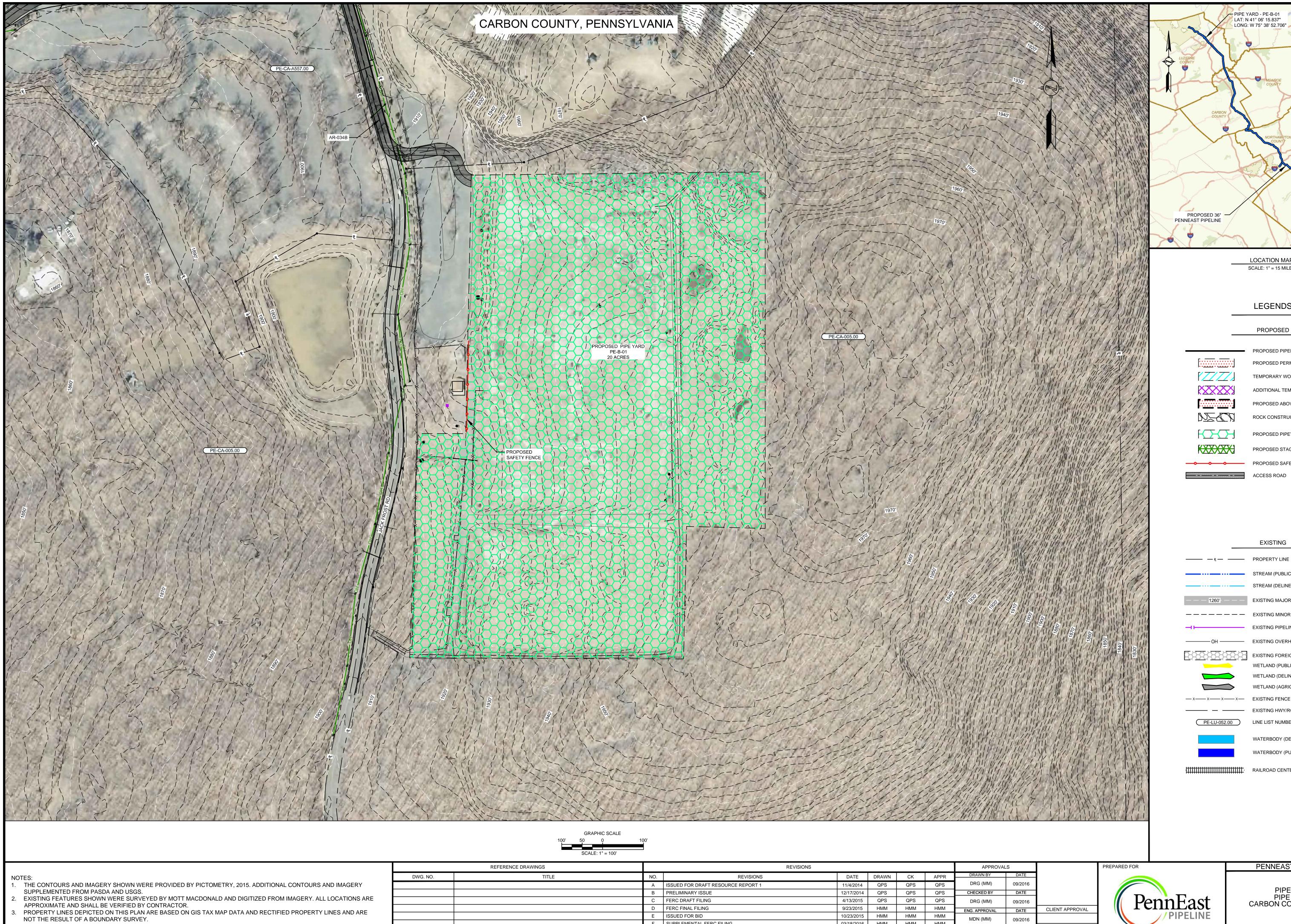
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PIPELINE	LUZERNE COUNTY, PENN				
	SCALE	DRAWING NO.			
	AS SHOWN	000-03-04-008			

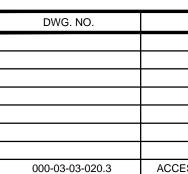
rg (MM) 09/2016 CKED BY RG (MM) 09/2016 APPROVAL DN (MM) 09/2016 APPROVAL DATE W (MM) 09/2016

CLIENT APPROVAL DATE

- Trant Penn



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TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN BY	DATE
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	С	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	DRG (MM)	09/2016
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N The has had	
PIPE YARD - PE-B-01 LAT: N 41° 06' 15.837"	
LONG: W 75° 38' 52.706"	
MIGNROE COUNTY	1
CARBON	
COUNTY	
NORTHAMPTON COUNTY	
	287
	e de la compañía de
HUNTERDON COUNTY	1
	0
	2
	1
BRODOSED 26" BUCKS COUNTY MERCER	
PROPOSED 36" - COUNTY COUNTY	
	and the
	1
	1

LOCATION MAP SCALE: 1" = 15 MILES

LEGENDS

PROPOSED

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PROPOSED PIPELINE PROPOSED PERMANENT EASEMENT TEMPORARY WORKSPACE ADDITIONAL TEMPORARY WORKSPACE PROPOSED ABOVE GROUND FACILITY ROCK CONSTRUCTION ENTRANCE PROPOSED PIPEYARD PROPOSED STAGING AREA PROPOSED SAFETY FENCE

	EXISTING
	PROPERTY LINE
	STREAM (PUBLIC)
	STREAM (DELINEA
— — — 1260' — — — —	EXISTING MAJOR
	EXISTING MINOR (
	EXISTING PIPELIN
——— ОН ————	EXISTING OVERHE
8-33-33-33-33-33	EXISTING FOREIGI
	WETLAND (PUBLIC
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xxx	EXISTING FENCE
	EXISTING HWY/RO
PE-LU-052.00	LINE LIST NUMBER
	WATERBODY (DEL
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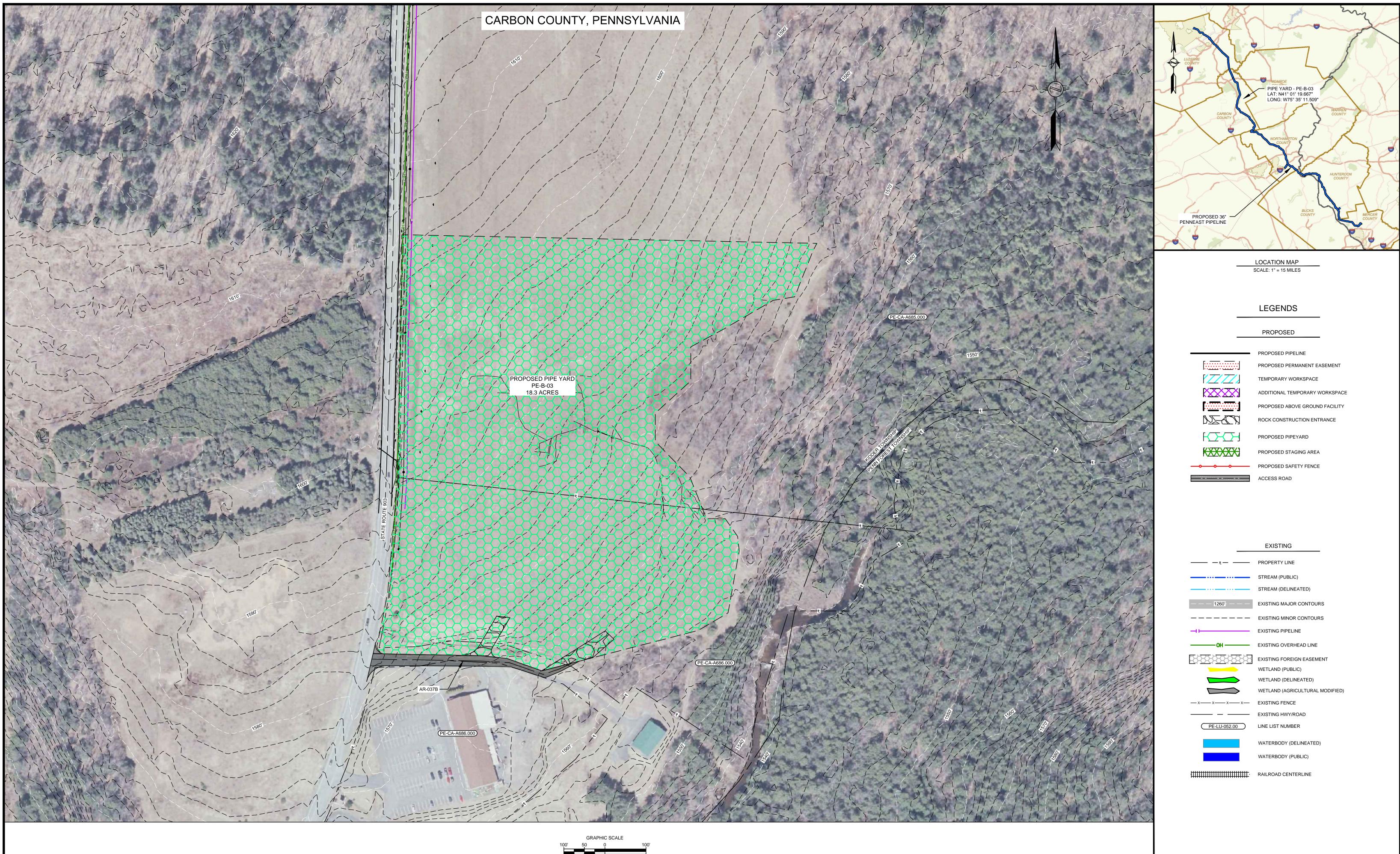
ELINEATED) UBLIC)

RAILROAD CENTERLINE

PENNEAST PIPELINE PROJECT

PIPE YARD DETAILS	
PIPE YARD - PE-B-01	
ARBON COUNTY, PENNSYLVANI	A

SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-04-009	Н



- 1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY

THE CONTOORS AND IMAGERT SHOWN WERE PROVIDED BY FICTOMETRY, 2015. ADDITIONAL CONTOORS AND IMAGERT SUPPLEMENTED FROM PASDA AND USGS.
 EXISTING FEATURES SHOWN WERE SURVEYED BY MOTT MACDONALD AND DIGITIZED FROM IMAGERY. ALL LOCATIONS ARE APPROXIMATE AND SHALL BE VERIFIED BY CONTRACTOR.
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DWG. NO.	
000-03-03-020.1	AC

SCALE: 1" = 100'

REFERENCE DRAWINGS		REVISIONS					APPROVAL	.S
TITLE	NO.	REVISIONS	DATE	DRAWN	СК	APPR	DRAWN BY	DATE
	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (MM)	09/2016
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	EXISTING
e	PROPERTY LINE
	STREAM (PUBLIC)
	STREAM (DELINEATED)
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	EXISTING MINOR CONTO
	EXISTING PIPELINE
он	EXISTING OVERHEAD LIN
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	WETLAND (DELINEATED)
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xxx	EXISTING FENCE
	EXISTING HWY/ROAD
PE-LU-052.00	LINE LIST NUMBER
	WATERBODY (DELINEATE
	WATERBODY (PUBLIC)
{ 	RAILROAD CENTERLINE

PENNEAST PIPELINE PROJECT

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	SCALE	

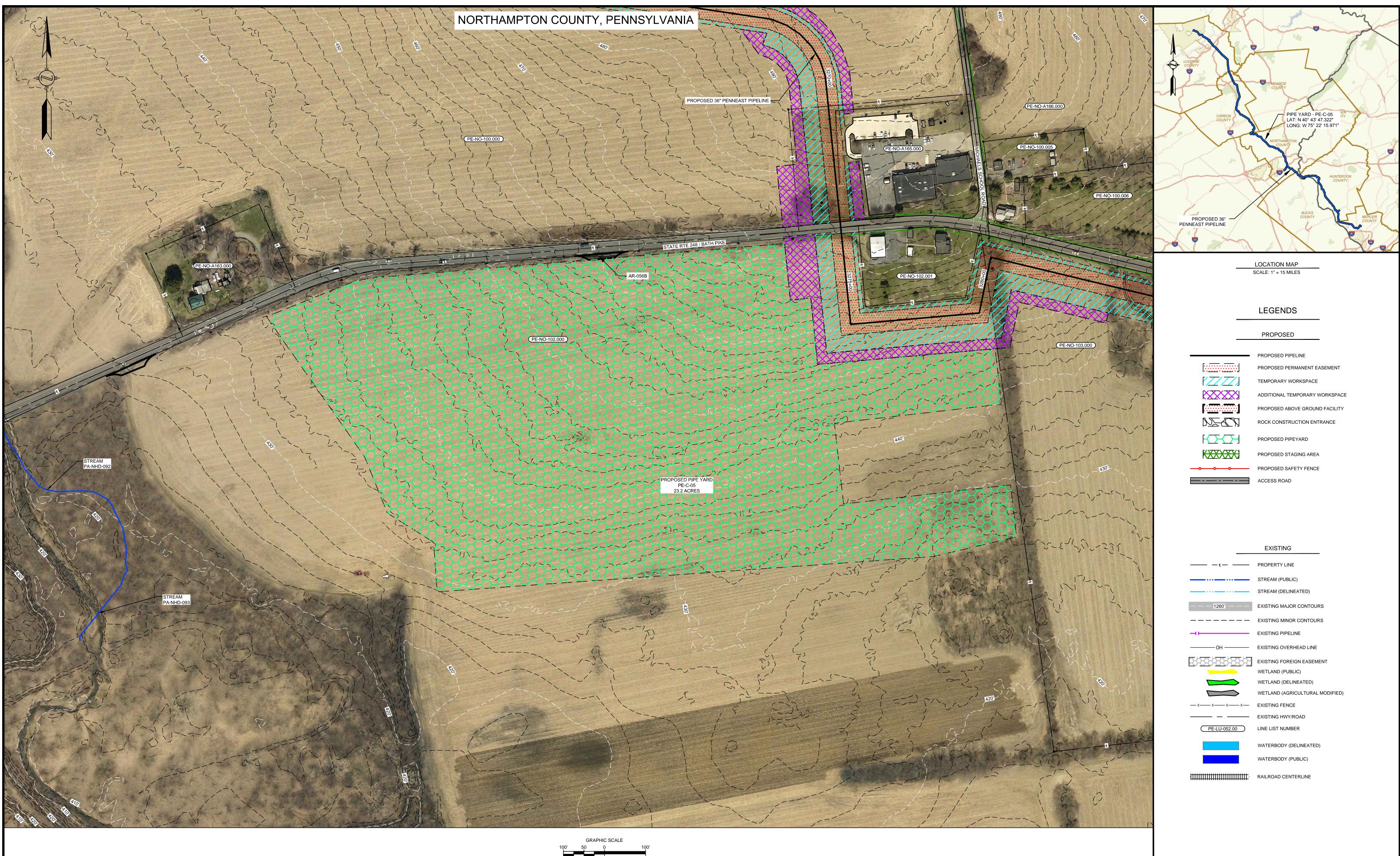
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CLIENT APPROVAL

DATE

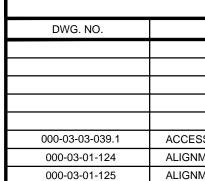
PIPE YARD DETAILS PIPE YARD - PE-B-03 BON COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-04-010	Н



- 1. THE CONTOURS AND IMAGERY SHOWN WERE PROVIDED BY PICTOMETRY, 2015. ADDITIONAL CONTOURS AND IMAGERY
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SCALE: 1" = 100'

REFERENCE DRAWINGS	REVISIONS				APPROV			
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	А	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	DRG (MM)	
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GNMENT SHEET	H	ISSUED FOR FERC	09/16/2016	RJR (MM)	DRG (MM)	MDN (MM)	MAW (MM)	

	EXISTING
	PROPERTY LINE
	STREAM (PUBLIC)
	STREAM (DELINEATED)
1260 ⁻	EXISTING MAJOR CONTOURS
	EXISTING MINOR CONTOURS
	EXISTING PIPELINE
OH	EXISTING OVERHEAD LINE
<u>843343343343</u>	EXISTING FOREIGN EASEMENT WETLAND (PUBLIC)
	WETLAND (DELINEATED)
	WETLAND (AGRICULTURAL MOD
x x x x	EXISTING FENCE
	EXISTING HWY/ROAD
PE-LU-052.00	LINE LIST NUMBER
	WATERBODY (DELINEATED)
	WATERBODY (PUBLIC)

APPROVALS 09/2016 KED BY G (MM) 09/2016 PPROVAL 09/2016 PROVAL DATE

09/2016

CLIENT APPROVAL DATE



PREPARED FOR

PENNEAST PIPELINE PROJECT

PIPE YARD DETAILS PIPE YARD - PE-C-05 NORTHAMPTON COUNTY, PENNSYLVANIA

SCALE	DRAWING NO.	REVISION
AS SHOWN	000-03-04-011	Н



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