20160519-5120 FERC PDF (Unofficial) 5/19/2016 12:09:26 PM

PennEast Pipeline Company, LLC
One Meridian Boulevard, Suite 2C01
Wyomissing, PA 19610

May 19, 2016

Ms. Kimberly D. Bose, Secretary
Federal Energy Regulatory Commission
888 First Street, NE
Washington, D.C. 20426

Re: PennEast Pipeline Company, LLC, Docket No. CP15-558-000
Errata for Electronic Alignment Sheet File Provided in Responses to April 29, 2016 Environmental Information Request
OEP/DG2E/Gas 2

Dear Ms. Bose:

On May 16, 2016, PennEast Pipeline Company, LLC (PennEast) submitted its responses to the Federal Energy Regulatory Commission's (Commission) April 29, 2016 Environmental Information Request in the above referenced docket. PennEast has since determined that the electronic file for Attachment G-4 containing Alignment Sheets 101-110 did not contain Alignment Sheet 106, but instead provided a duplicate Alignment Sheet 108. Additionally, Alignment Sheet 110 was not in numerical order. PennEast hereby provides the corrected electronic file for Attachment G-4 containing Alignment Sheets 101-110.

Pursuant to Section 385.2010 of the Commission's regulations, 18 C.F.R. § 385.2010 (2015), PennEast is contemporaneously serving copies of this letter to persons whose names appear on the Official Service List in this proceeding. Due to the size of the attachment, PennEast is not serving the attachment to the persons on the Official Service List. PennEast will provide the attachment to those persons upon request.

Should you have any questions concerning this filing, please contact me at (610) 406-4322.

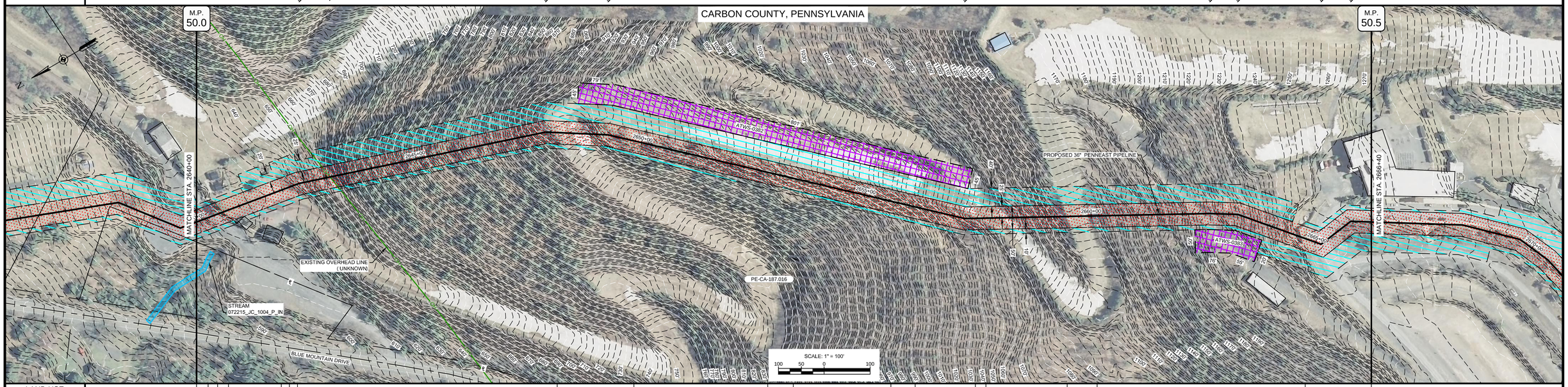
Sincerely,

/s/ Anthony C. Cox
Anthony C. Cox
PennEast Pipeline Company, LLC,
By its Project Manager
UGI Energy Services, LLC

cc: Medha Kochhar (FERC)
All Parties of Record (without attachment)

20160519-5120 FERC PDF (Unofficial) 5/19/2016 12:09:26 PM

OWNERSHIP / FOOTAGE	PE-CA-187.016 — 2640' (2640+00 to 2666+40)
STATIONING	2642+39 P.I. - 8°49'41" RT; 2643+08 OVERHEAD WIRE; 2647+09 P.I. - 14°15'09" RT; 2649+25 P.I. - 10°45'00" RT; 2657+24 P.I. - 14°22'08" LT; 2659+59 P.I. - 5°04'16" RT; 2660+20 P.I. - 17°49'47" RT; 2664+13 P.I. - 57°26'25" LT; 2665+05 P.I. - 38°32'10" RT



LAND USE	UF (2640+00 to 2642+39) · CI (2642+39 to 2642+43) · UF (2642+43 to 2642+58) · CI (2642+58 to 2643+08) · UF (2643+08 to 2643+23) · CI (2643+23 to 2643+28) · UF (2643+28 to 2647+09) · CI (2647+09 to 2648+25) · UF (2648+25 to 2652+63) · CI (2652+63 to 2653+20) · UF (2653+20 to 2657+24) · CI (2657+24 to 2658+04) · UF (2658+04 to 2659+59) · CI (2659+59 to 2660+20) · UF (2660+20 to 2664+13) · CI (2664+13 to 2665+05) · UF (2665+05 to 2666+40)
MATERIAL & COATING	19 (2653+20) · 21 (2664+13) · 19 (2665+05)
	2640' ③
SOILS	McD · KvF · DeF · DeD
ENVIRONMENTAL SITE SPECIFIC E&S	
CLASS LOCATION	CLASS III
DESIGN FACTOR	0.5
MAOP	1480 PSIG

PROFILE

THE LOCATION OF TRENCH PLUGS AND WATERBARS ARE INTENDED TO BE USED AS A GUIDELINE ONLY. EXACT LOCATION TO BE DETERMINED IN THE FIELD AS DIRECTED BY THE CHIEF INSPECTOR.

TEMPORARY WATERBARS (T)

PERMANENT WATERBAR WITH COMPOST FILTER SOCK AT WATERBAR DISCHARGE

PERMANENT TRENCH PLUG ▲

WATERBAR SPACING	
SLOPE (%)	SPACING (FT)
<5	250
5 - 15	150
>15 - 30	100
>30	50

TRENCH PLUG SPACING	
SLOPE (%)	SPACING (FT)
<5	1000
5 - 15	500
>15 - 25	300
>25 - 35	200
>35 - 100	100
100	50

TRENCH PLUGS ARE REQUIRED AT ALL WATERBODY AND WETLAND CROSSINGS REGARDLESS OF SLOPE.*

SEE FIGURES 15 THRU 21 FOR SPECIFICATIONS.

IN AG FIELDS AND RESIDENTIAL AREAS WHERE WATERBARS ARE NOT TYPICALLY REQUIRED, INSTALL PERMANENT TRENCH PLUGS AT THE SAME SPACING AS IF PERMANENT WATERBARS WERE REQUIRED. (FERC PLAN)

GENERAL NOTES:
1. THE BEST MANAGEMENT PRACTICE (BMP) NUMBERS NOTED ABOVE CORRESPOND TO SPECIFIC DETAILS FOUND ON THE BEST MANAGEMENT PRACTICE DETAIL SHEETS. THE BMP DETAILS INCLUDE GENERAL LAYOUT, LOCATION, DIMENSION, CONSTRUCTION, NOTES, MATERIALS, ETC. THAT SHALL BE FOLLOWED DURING CONSTRUCTION OF THE PIPELINE.
2. THE APPROX. LOCATION AND TYPE OF SEDIMENT BARRIERS TO BE INSTALLED ALONG THE CONSTRUCTION WORK AREA ARE LOCATED IN TABLES ON THE BEST MANAGEMENT PRACTICE DETAIL SHEETS.
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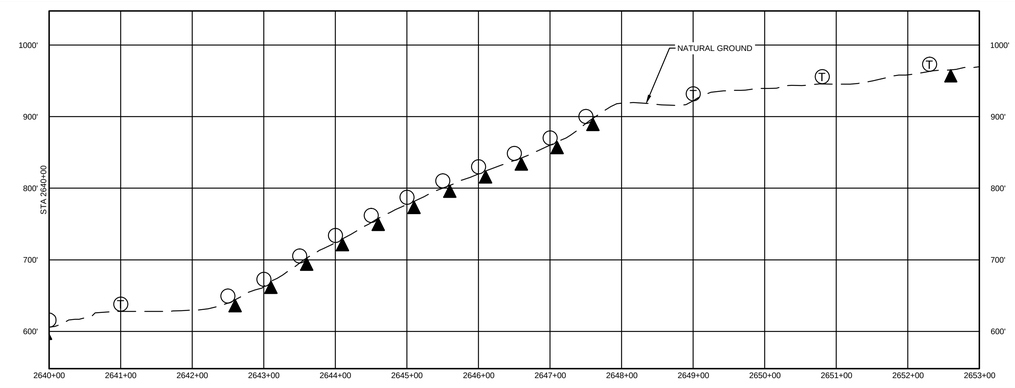

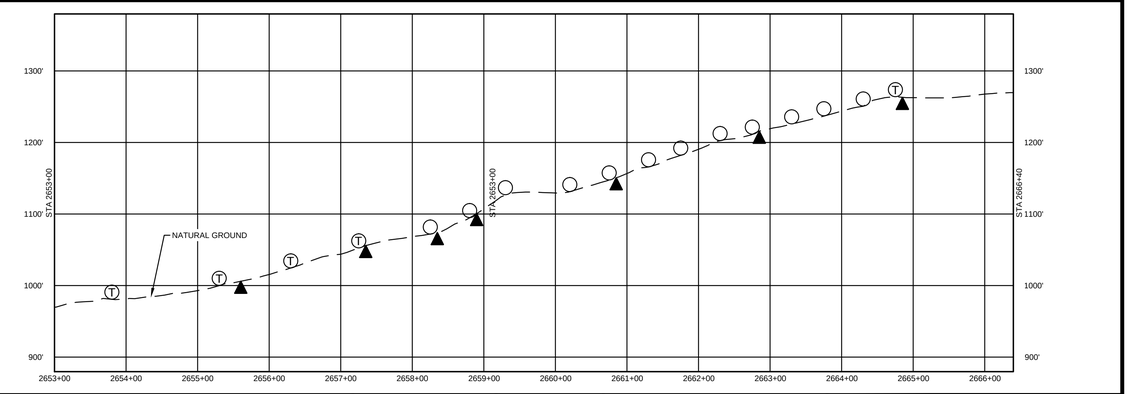

SOILS	LAND USE		MATERIAL			REFERENCE DRAWINGS	
FOR SOILS DESCRIPTIONS SEE DWG: 000-01-01-002	1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)	TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE
	2. COMMERCIAL / INDUSTRIAL (CI)		3	2640'	PIPE, 36.000" OD X .781" WT, API 5L PSL-2, X-70, DSAW SAWH SPIRAL, IN", FBE & EXT. FBE COATED	000-03-08-001 --- 002	TYPICAL CONSTRUCTION ROW DETAILS
	3. UPLAND FOREST (UF)		19	2	ELBOW, SEGMENTABLE, 45°, 36.000" OD X .781" WT, X-70, INT. FBE & EXT. FSC COATED	000-03-09-001 --- 008	TYPICAL E&S DETAILS
	4. INSTITUTIONAL (IN)		21	1	ELBOW, SEGMENTABLE, 90°, 36.000" OD X .781" WT, X-70, INT. FBE & EXT. FSC COATED	000-03-02-038 --- 39	RESIDENTIAL SITE SPECIFIC
	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 DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS
B	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS
C	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS
D	FERC FINAL FILING	9/23/2015	HMM	HMM	HMM
E	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM
F	SUPPLEMENTAL FERC FILING	3/18/2016	HMM	HMM	HMM
G	FERC DATA REQUEST	5/16/2016	HMM	HMM	HMM

APPROVALS		
	DRAWN BY	DATE
	HMM	9/23/2015
	CHECKED BY	DATE
	HMM	9/23/2015
	ENG. APPROVAL	DATE
	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

PREPARED BY Hatch Mott MacDonald

PENNEAST PIPELINE PROJECT

ALIGNMENT SHEET
PENNEAST MAINLINE
PROPOSED 36" PIPELINE
CARBON COUNTY, PENNSYLVANIA
STA. 2640+00 TO STA. 2666+40

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-101	G

| | | |

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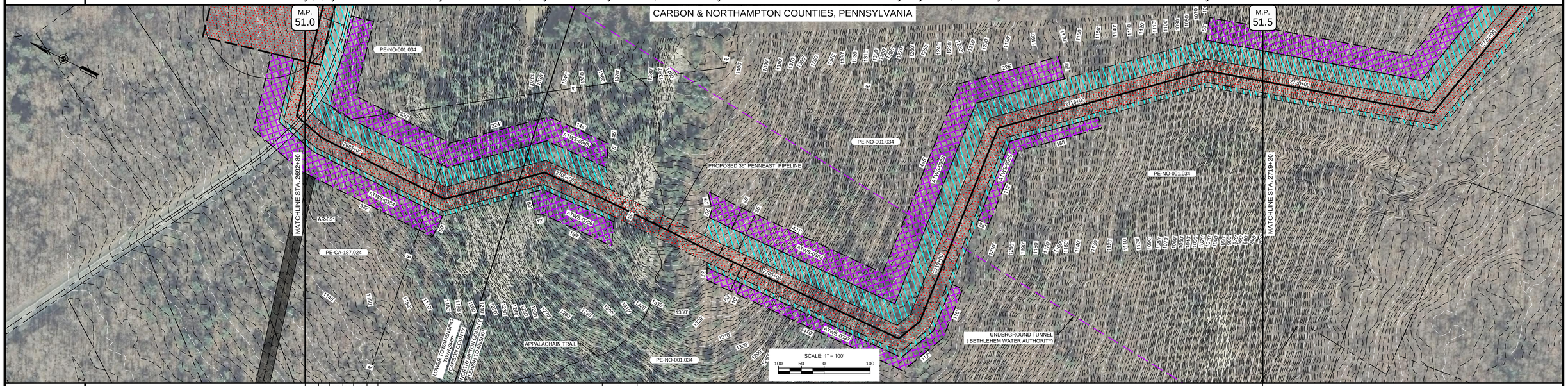
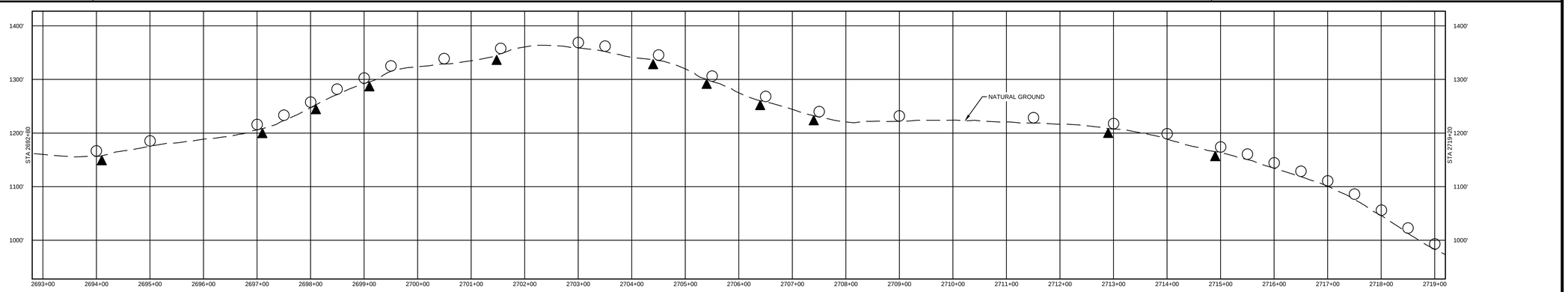
OWNERSHIP / FOOTAGE	PE-CA-187.022 82' · UNNAMED ROAD 16' · PE-CA-187.024 319' · PE-NO-001.034 2223'
STATIONING	2692+80 · 2693+62 · 2693+78 · 2696+97 · 2697+20 · 2699+00 CARBON & NORTHAMPTON COUNTIES · 2699+56 · 2701+09 · 2702+24 CENTERLINE OF APPALACHIAN TRAIL · 2703+76 · 2706+97 · 2708+09 · 2710+67 CENTERLINE OF BETHLEHEM WATER AUTHORITY TUNNEL · 2713+24 · 2717+06 · 2719+20
LAND USE	UF · RD · UF · RD · UF · RD · UF · OL · UF
MATERIAL & COATING	21 · 19 · 19 · 23 · 15 · 17 · 15 — 826' · 256' · 502' · 1056'
SOILS	DeD · DeF · HgF
ENVIRONMENTAL SITE SPECIFIC E&S	
CLASS LOCATION	CLASS III · CLASS I
DESIGN FACTOR	0.5 · 0.72
MAOP	1480 PSIG



PROFILE



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TEMPORARY WATERBARS (T)

PERMANENT WATERBAR WITH COMPOST FILTER SOCK AT WATERBAR DISCHARGE

PERMANENT TRENCH PLUG

WATERBAR SPACING	
SLOPE (%)	SPACING (FT)
<5	250
5 - 15	150
>15 - 30	100
>30	50

TRENCH PLUG SPACING	
SLOPE (%)	SPACING (FT)
<5	1000
5 - 15	500
>15 - 25	300
>25 - 35	200
>35 - 100	100
100	50

TRENCH PLUGS ARE REQUIRED AT ALL WATERBODY AND WETLAND CROSSINGS REGARDLESS OF SLOPE.*

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3. CONTRACTOR SHALL INSTALL ONLY APPROVED PADEP/NJDEP DETAILS.

SOILS

FOR SOILS DESCRIPTIONS SEE DWG: 000-01-01-002

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
1	1056'	PIPE, 36.000" OD X .654" WT, API 5L PSL-2, X-70, DSAW SAWH SPIRAL, 3N", FBE & EXT. FBE & COATED
3	1328'	PIPE, 36.000" OD X .781" WT, API 5L PSL-2, X-70, DSAW SAWH SPIRAL, 3N", FBE & EXT. FBE COATED
5	256'	PIPE, 36.000" OD X .781" WT, API 5L PSL-2, X-70, DSAW, 3NT, FBE & EXT., FBE & ARO COATED
15	2	ELBOW, SEGMENTABLE, 45°, 36.000" OD X .654" WT., X-70, 3NT, FBE & EXT, FBE COATED
17	1	ELBOW, SEGMENTABLE, 90°, 36.000" OD X .654" WT., X-70, 3NT, FBE & EXT, FBE COATED
19	2	ELBOW, SEGMENTABLE, 45°, 36.000" OD X .781" WT., X-70, 3NT, FBE & EXT, FBE COATED
21	2	ELBOW, SEGMENTABLE, 90°, 36.000" OD X .781" WT., X-70, 3NT, FBE & EXT, FBE COATED

REFERENCE DRAWINGS

DWG. NO.	TITLE
000-03-08-001 --- 002	TYPICAL CONSTRUCTION ROW DETAILS
000-03-09-001 --- 008	TYPICAL E&S DETAILS
000-03-03-035	ACCESS ROAD DETAIL
028-03-00-001	CIVIL SITE PLAN
000-03-10-001	APPALACHIAN TRAIL DETAIL

REVISIONS

NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS
B	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS
C	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS
D	FERC FINAL FILING	9/23/2015	HMM	HMM	HMM
E	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM
F	SUPPLEMENTAL FERC FILING	3/18/2016	HMM	HMM	HMM
G	FERC DATA REQUEST	5/16/2016	HMM	HMM	HMM

APPROVALS

DRAWN BY	DATE
HMM	9/23/2015
CHECKED BY	DATE
HMM	9/23/2015
ENG. APPROVAL	DATE
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

PREPARED BY

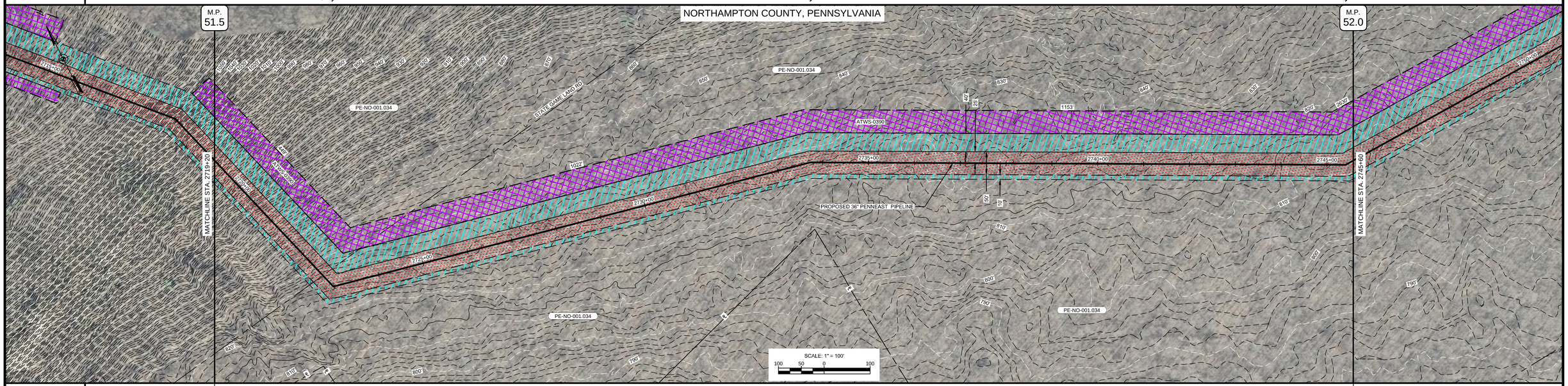
Hatch Mott MacDonald

PENNEAST PIPELINE PROJECT

ALIGNMENT SHEET
PENNEAST MAINLINE
PROPOSED 36" PIPELINE
CARBON & NORTHAMPTON COUNTIES, PENNSYLVANIA
STA. 2692+80 TO STA. 2719+20

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-103	G

OWNERSHIP / FOOTAGE		2719+20	PE-NO-001.034 2640'		2745+60	
STATIONING		2722+84 CENTERLINE OF STATE GAME LAND RD 2722+96 P.I. = 61°43'51" LT.	2733+73 P.I. = 14°45'19" RT.		2745+41 P.I. = 29°08'16" LT.	



LAND USE		UF				
20160519-5120 FERC PDF (Unofficial) 5/19/2016 12:09:26 PM MATERIAL & COATING		17 2722+84		2640' (1)		15 2745+41
SOILS		HgF	LcD	LbD	LcD	LbD
ENVIRONMENTAL SITE SPECIFIC E&S						
CLASS LOCATION		CLASS I				
DESIGN FACTOR		0.72				
MAOP		1480 PSIG				

PROFILE

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TEMPORARY WATERBARS (T)

PERMANENT WATERBAR WITH COMPOST FILTER SOCK AT WATERBAR DISCHARGE ○

PERMANENT TRENCH PLUG ▲

WATERBAR SPACING	
SLOPE (%)	SPACING (FT)
<5	250
5 - 15	150
>15 - 30	100
>30	50

TRENCH PLUG SPACING	
SLOPE (%)	SPACING (FT)
<5	1000
5 - 15	500
>15 - 25	300
>25 - 35	200
>35 - 100	100
100	50

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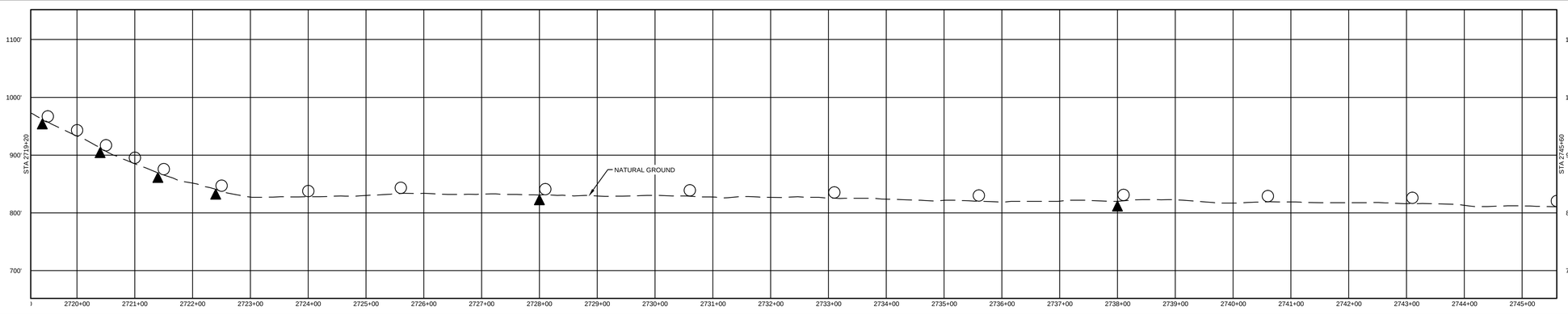

SOILS	LAND USE		MATERIAL			REFERENCE DRAWINGS		REVISIONS						APPROVALS	
FOR SOILS DESCRIPTIONS SEE DWG: 000-01-01-002	1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)	TAG	QUANTITY	DESCRIPTION	DWG. NO.	TITLE	NO.	REVISIONS	DATE	DRAWN	CK	APPR	DRAWN BY	DATE
	2. COMMERCIAL / INDUSTRIAL (CI)		1	2640'	RPE, 36.000" OD X .654" WT, API 5L PSL-2, X-70, DSAW SAWH SPIRAL, 3N", FBE & EXT. FBE & COATED	000-03-08-001 --- 002	TYPICAL CONSTRUCTION ROW DETAILS	A	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS	HMM	9/23/2015
	3. UPLAND FOREST (UF)		15	1	ELBOW, SEGMENTABLE, 45°, 36.000" OD X .654" WT., X-70, 3NT, FBE & EXT., FBE COATED	000-03-09-001 --- 008	TYPICAL E&S DETAILS	B	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS	CHECKED BY	DATE
	4. INSTITUTIONAL (IN)		17	1	ELBOW, SEGMENTABLE, 90°, 36.000" OD X .654" WT., X-70, 3NT, FBE & EXT. FBE COATED			C	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS	HMM	9/23/2015
	5. URBAN (UR)							D	FERC FINAL FILING	9/23/2015	HMM	HMM	HMM	ENG. APPROVAL	DATE
	6. OPEN LAND (EXISTING ROW, OPEN FIELDS, NON-AGRICULTURAL) (OL)							E	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM		
	7. RESIDENTIAL (RE)							F	SUPPLEMENTAL FERC FILING	3/18/2016	HMM	HMM	HMM	P.M. APPROVAL	DATE
	8. ROADWAYS / RAILROADS (RD)							G	FERC DATA REQUEST	5/16/2016	HMM	HMM	HMM		
	9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)														

SCALE PLAN: 1" = 100'
SCALE PROFILE H: 1" = 100'
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CLIENT APPROVAL

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PennEast PIPELINE

PREPARED BY

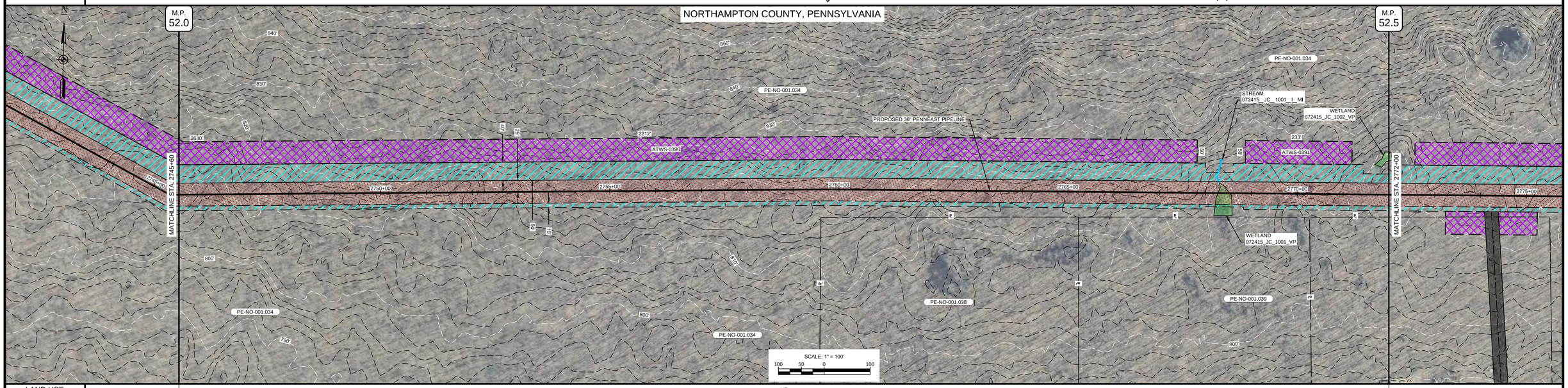
Hatch Mott MacDonald

PENNEAST PIPELINE PROJECT

ALIGNMENT SHEET
PENNEAST MAINLINE
PROPOSED 36" PIPELINE
NORTHAMPTON COUNTIES, PENNSYLVANIA
STA. 2719+20 TO STA. 2745+60

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-104	G

OWNERSHIP / FOOTAGE	2745+60	PE-NO-001.034 2640'	2772+00
STATIONING			



LAND USE		UF	
MATERIAL & COATING		2640' ①	
SOILS		LbD / LcD / LbD	
ENVIRONMENTAL SITE SPECIFIC E&S			
CLASS LOCATION		CLASS I	CLASS II
DESIGN FACTOR		0.72	0.6
MAOP		1480 PSIG	

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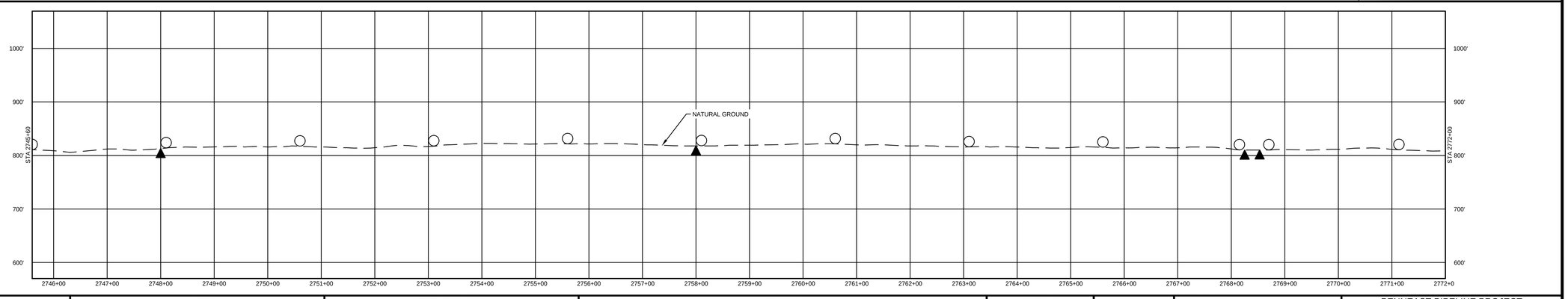

SOILS	LAND USE				MATERIAL	
FOR SOILS DESCRIPTIONS SEE DWG: 000-01-01-002	1. AGRICULTURAL (AG)	10. OPEN WATERBODIES (WB / OW)	TAG	QUANTITY	DESCRIPTION	
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	3. UPLAND FOREST (UF)					
	4. INSTITUTIONAL (IN)					
	5. URBAN (UR)					
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	9. SPECIAL LAND USE (CHURCHES, PARKS, ETC) (SP)					

REFERENCE DRAWINGS	
DWG. NO.	TITLE
000-03-08-001 --- 002	TYPICAL CONSTRUCTION ROW DETAILS
000-03-09-001 --- 008	TYPICAL E&S DETAILS

NO.	REVISIONS	DATE	DRAWN	CK	APPR
A	ISSUED FOR DRAFT RESOURCE REPORT 1	11/4/2014	QPS	QPS	QPS
B	PRELIMINARY ISSUE	12/17/2014	QPS	QPS	QPS
C	FERC DRAFT FILING	4/13/2015	QPS	QPS	QPS
D	FERC FINAL FILING	9/23/2015	HMM	HMM	HMM
E	ISSUED FOR BID	10/23/2015	HMM	HMM	HMM
F	SUPPLEMENTAL FERC FILING	3/18/2016	HMM	HMM	HMM
G	FERC DATA REQUEST	5/16/2016	HMM	HMM	HMM

APPROVALS	
DRAWN BY	DATE
HMM	9/23/2015
CHECKED BY	DATE
HMM	9/23/2015
ENG. APPROVAL	DATE
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

PREPARED BY

Hatch Mott MacDonald

PENNEAST PIPELINE PROJECT

ALIGNMENT SHEET
PENNEAST MAINLINE
PROPOSED 36" PIPELINE
NORTHAMPTON COUNTY, PENNSYLVANIA
STA. 2745+60 TO STA. 2772+00

SCALE	DRAWING NO.	REVISION
1" = 100'	000-03-01-105	G

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Document Content(s)

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