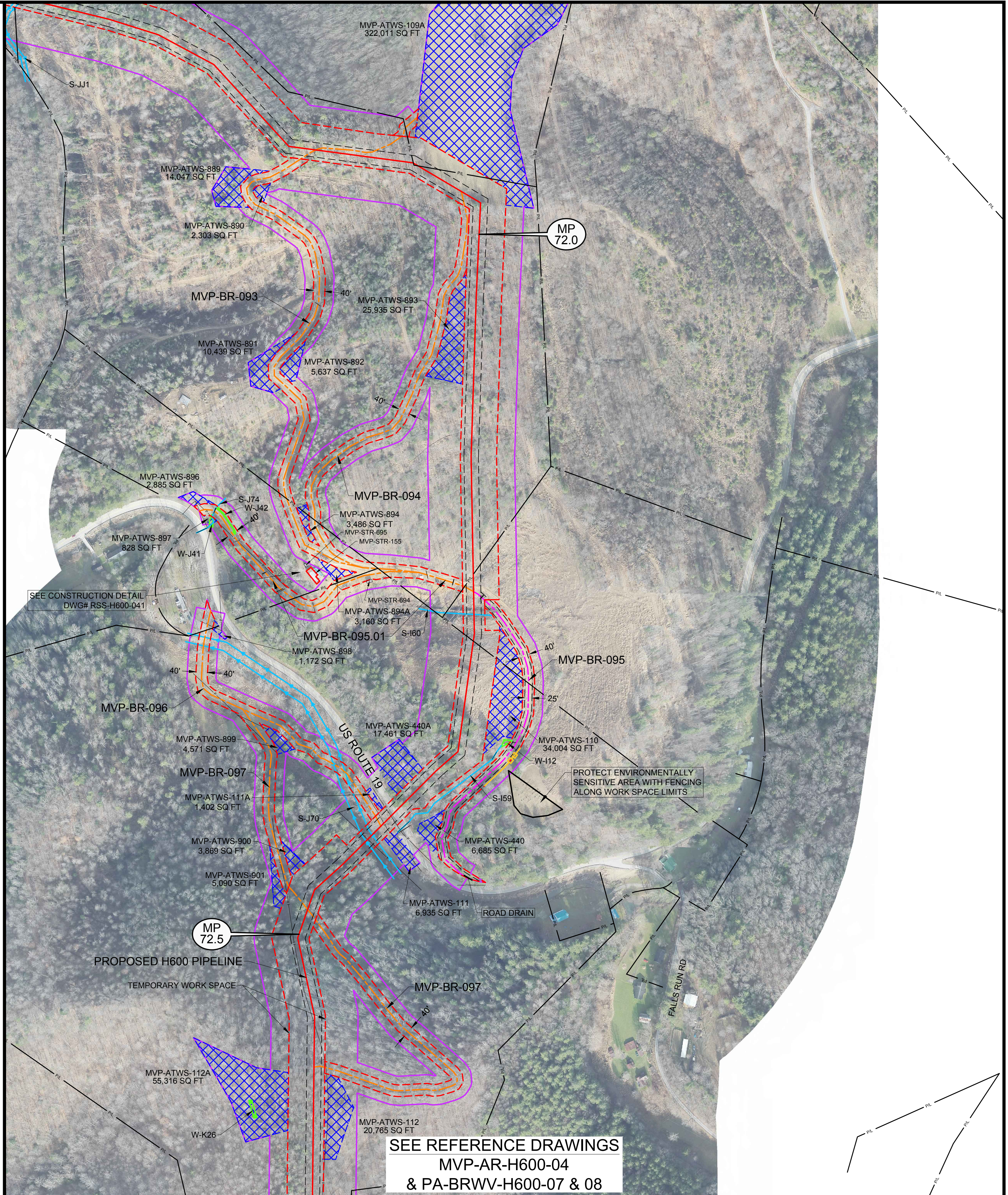
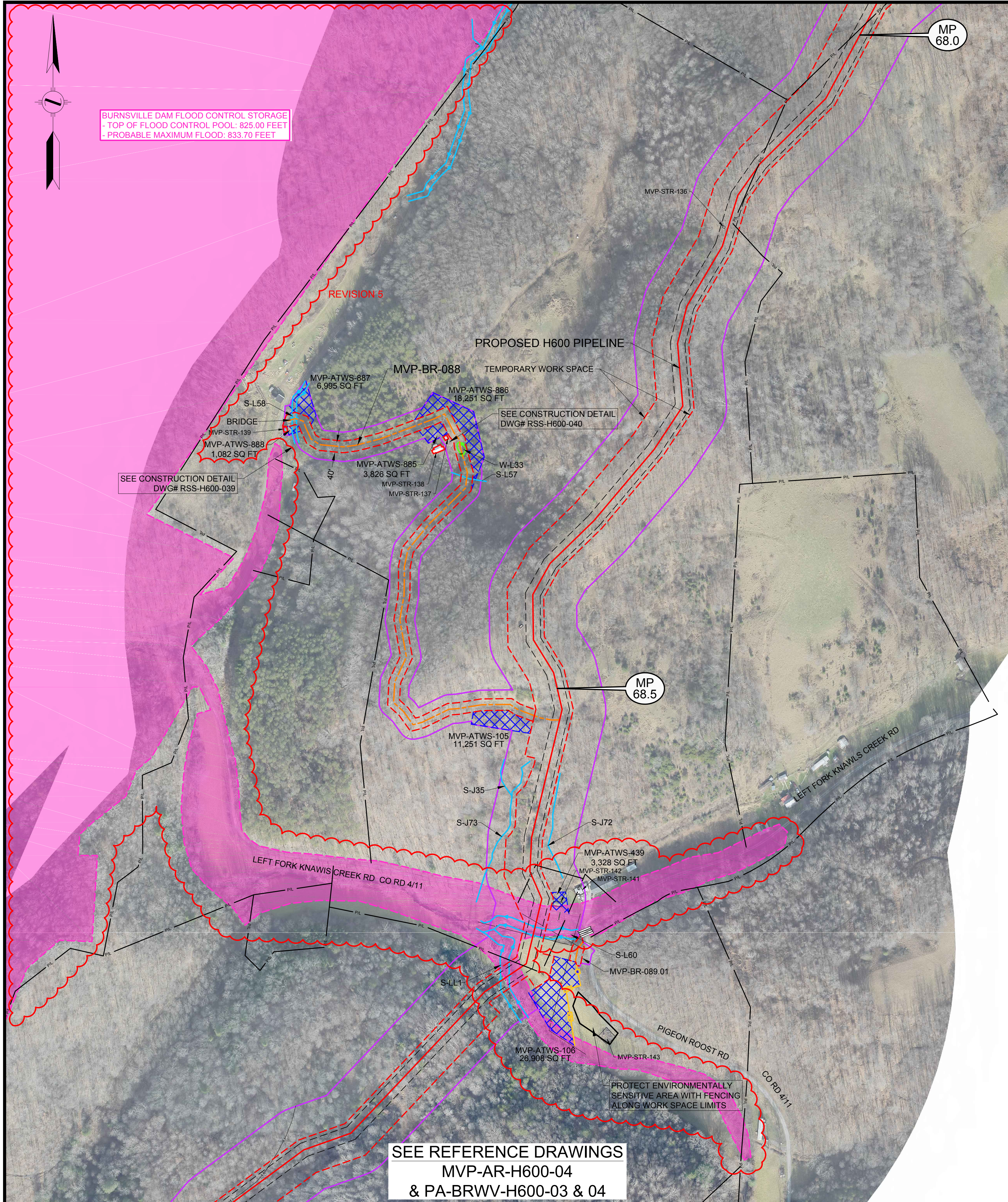


Mountain Valley Pipeline Project

Docket No. CP16-10-000

Attachment DR5 General 3c

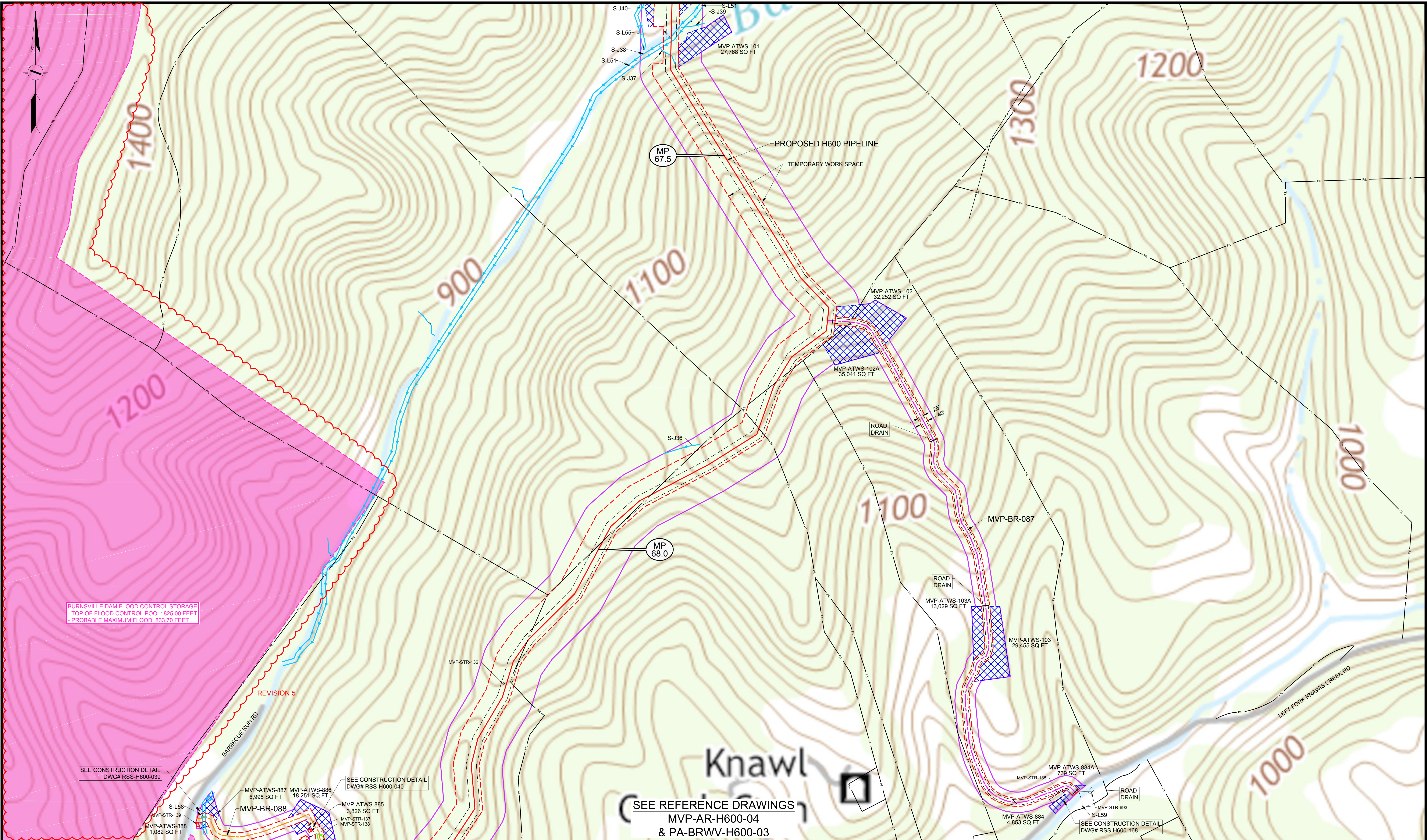


LEGEND		REFERENCE DRAWINGS		REVISIONS		APPROVED FOR FERC		APPROVED FOR BIDDING		APPROVED FOR CONSTRUCTION		HORIZ. SCALE: 1" = 200'	
PERMANENT ACCESS ROAD		DRAWING NUMBER		REV		REV.		REV.		REV.		DRAWN BY: HEI(DRF)	
TEMPORARY ACCESS ROAD		TITLE		BY		DATE		BY		DATE		04/22/16	
PROPOSED H600 PIPELINE		RSS-H600-039		0		DRF		10-15-15		DRF		10-15-15	
PROPOSED PERMANENT EASEMENT		RSS-H600-040		1		DRF		01-13-16		DRF		10-14-16	
TEMPORARY WORK SPACE		RSS-H600-041		2		DRF		04-21-16		DRF		10-14-16	
ADDITIONAL TEMPORARY WORK SPACE		MVP-AR-H600-04		3		DRF		09-03-16		DRF		10-14-16	
STUDY CORRIDOR		PA-BRWV-H600-03		4		DRF		10-14-16		DRF		10-14-16	
WETLAND		PA-BRWV-H600-04		5		DRF		12-21-16		DRF		10-14-16	
PROPERTY LINE		PA-BRWV-H600-07										14-10-052	
ROAD RIGHT-OF-WAY LINE		PA-BRWV-H600-08										MVP-ADAR-H600-25	
GATE - GATE POST												SHEET 25 OF 109	
CULVERT												DATE OF PLOT: 1/31/17 12:26 PM	
PIPELINE MARKER													
OVERHEAD POWER LINE													

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

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Mountain Valley PIPELINE
AERIAL DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
BRAXTON COUNTY, W.V.



LEGEND		REFERENCE DRAWINGS		REVISIONS		APPROVED FOR FERC		APPROVED FOR BIDDING		APPROVED FOR CONSTRUCTION		HORIZ. SCALE: 1" = 200'	
	PERMANENT ACCESS ROAD	DRAWING NUMBER	TITLE	REV	BY	DATE	DESCRIPTION	REV.	BY	DATE	REV.	BY	DATE
	TEMPORARY ACCESS ROAD	RSS-H600-039	RESIDENTIAL SITE SPECIFIC	0	DRF	10-15-15	REV 4.0.0. ISSUED TO FERC	3	RRR	09-03-16			
	PROPOSED H600 PIPELINE	RSS-H600-040	RESIDENTIAL SITE SPECIFIC	1	DRF	01-13-16	FERC DATA REQUEST No. 1						
	PROPOSED PERMANENT EASEMENT	RSS-H600-041	RESIDENTIAL SITE SPECIFIC	2	DRF	04-21-16	FERC DATA REQUEST No. 2						
	TEMPORARY WORK SPACE	RSS-H600-168	OVERALL QUAD MAP	3	DRF	09-03-16	REV 4.1.13 ISSUED FOR BID						
	ADDITIONAL TEMPORARY WORK SPACE	MVP-AR-H600-04	ALIGNMENT SHEET	4	DRF	10-14-16	OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC						
	STUDY CORRIDOR	PA-BRWV-H600-03		5	DRF	12-21-16	OCTOBER 2016 PROPOSED ROUTE - REVISED DECEMBER 2016						
	WETLAND												
	STREAM												
	PROPERTY LINE												
	ROAD RIGHT-OF-WAY LINE												
	GATE - GATE POST												
	CULVERT												
	PIPELINE MARKER												
	OVERHEAD POWER LINE												

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

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REV.	BY	DATE
0	RRR	10-15-15
1	RRR	10-14-16
2	RRR	10-14-16
3	RRR	10-14-16
4	RRR	10-14-16
5	RRR	10-14-16

REV.	BY	DATE
3	RRR	09-03-16
4	RRR	10-14-16
5	RRR	10-14-16

REV.	BY	DATE
1	RRR	09-03-16
2	RRR	10-14-16
3	RRR	10-14-16
4	RRR	10-14-16
5	RRR	10-14-16

HORIZ. SCALE: 1" = 200'

DRAWN BY: HEI(DRF) 04/22/15

DRAFTING CK: .

ENGINEERING CK: .

UIE JOB NO.: .

AFE/P.O. NO.: .

HEI PROJECT NO.: 14-10-052

UIE FILE NO.: .

DRAWING NO.: MVP-QDAR-H600-24

SHEET 24 OF 109 REV. 5

DATE OF PLOT: 1/31/17 12:19 PM

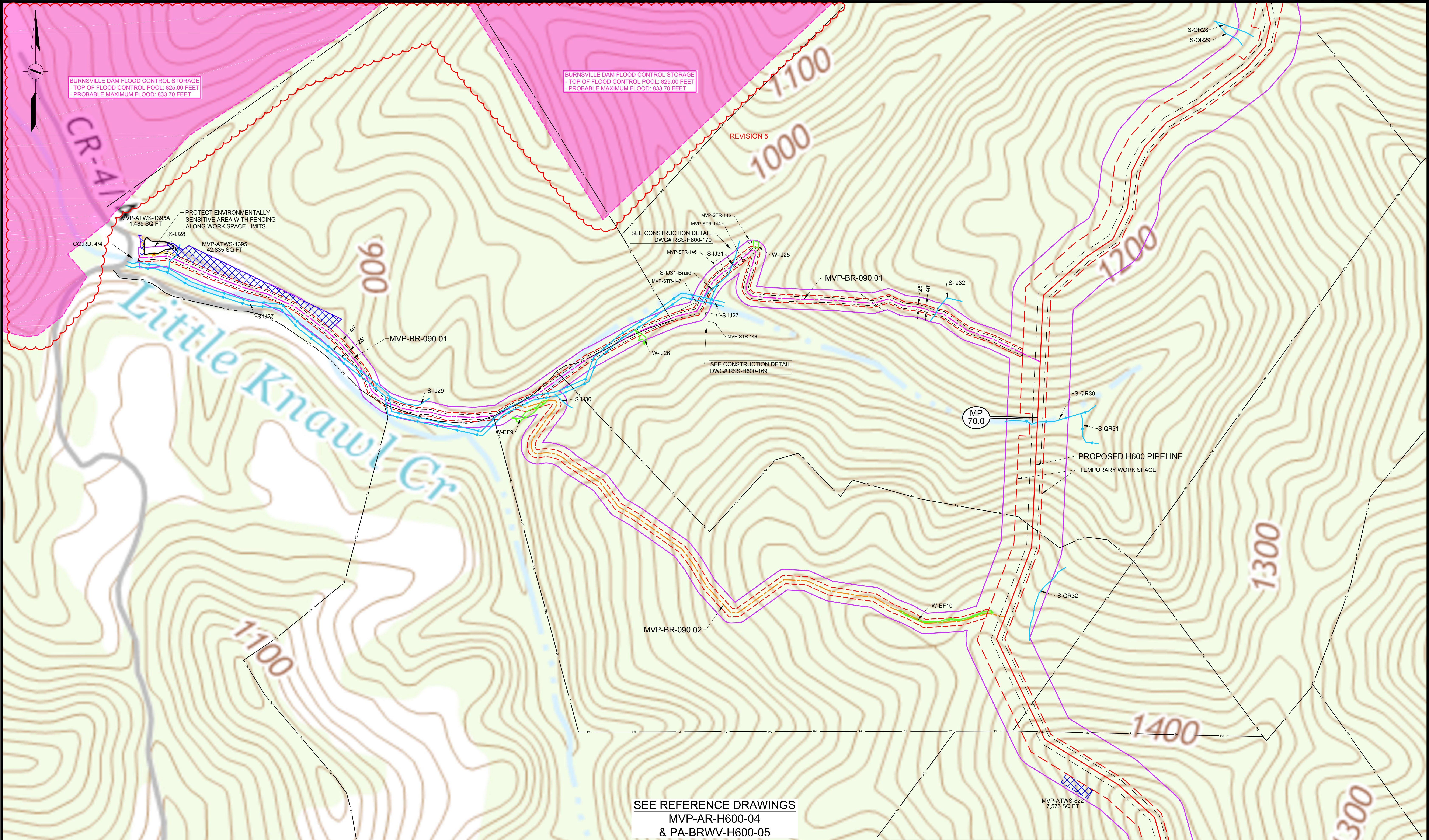
Mountain Valley PIPELINE

QUAD DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

BRAXTON COUNTY, W.V.



LEGEND	
	PERMANENT ACCESS ROAD
	TEMPORARY ACCESS ROAD
	PROPOSED H600 PIPELINE
	PROPOSED PERMANENT EASEMENT
	TEMPORARY WORK SPACE
	ADDITIONAL TEMPORARY WORK SPACE
	STUDY CORRIDOR
	WETLAND
	STREAM
	PROPERTY LINE
	ROAD RIGHT-OF-WAY LINE
	GATE - GATE POST
	CULVERT
	PIPELINE MARKER
	OVERHEAD POWER LINE

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

REFERENCE DRAWINGS	
DRAWING NUMBER	TITLE
RSS-H600-169	RESIDENTIAL SITE SPECIFIC
RSS-H600-170	RESIDENTIAL SITE SPECIFIC
MVP-AR-H600-04	OVERALL QUAD MAP
PA-BRWV-H600-05	ALIGNMENT SHEET

REVISIONS	
REV.	DESCRIPTION
0	DRF 10-15-15 REV 4.0.0. ISSUED TO FERC
1	DRF 01-13-16 FERC DATA REQUEST No.1
2	DRF 04-21-16 FERC DATA REQUEST No.2
3	DRF 09-03-16 REV 4.1.13 ISSUED FOR BID
4	DRF 10-14-16 OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC
5	DRF 12-21-16 OCTOBER 2016 PROPOSED ROUTE - REVISED DECEMBER 2016

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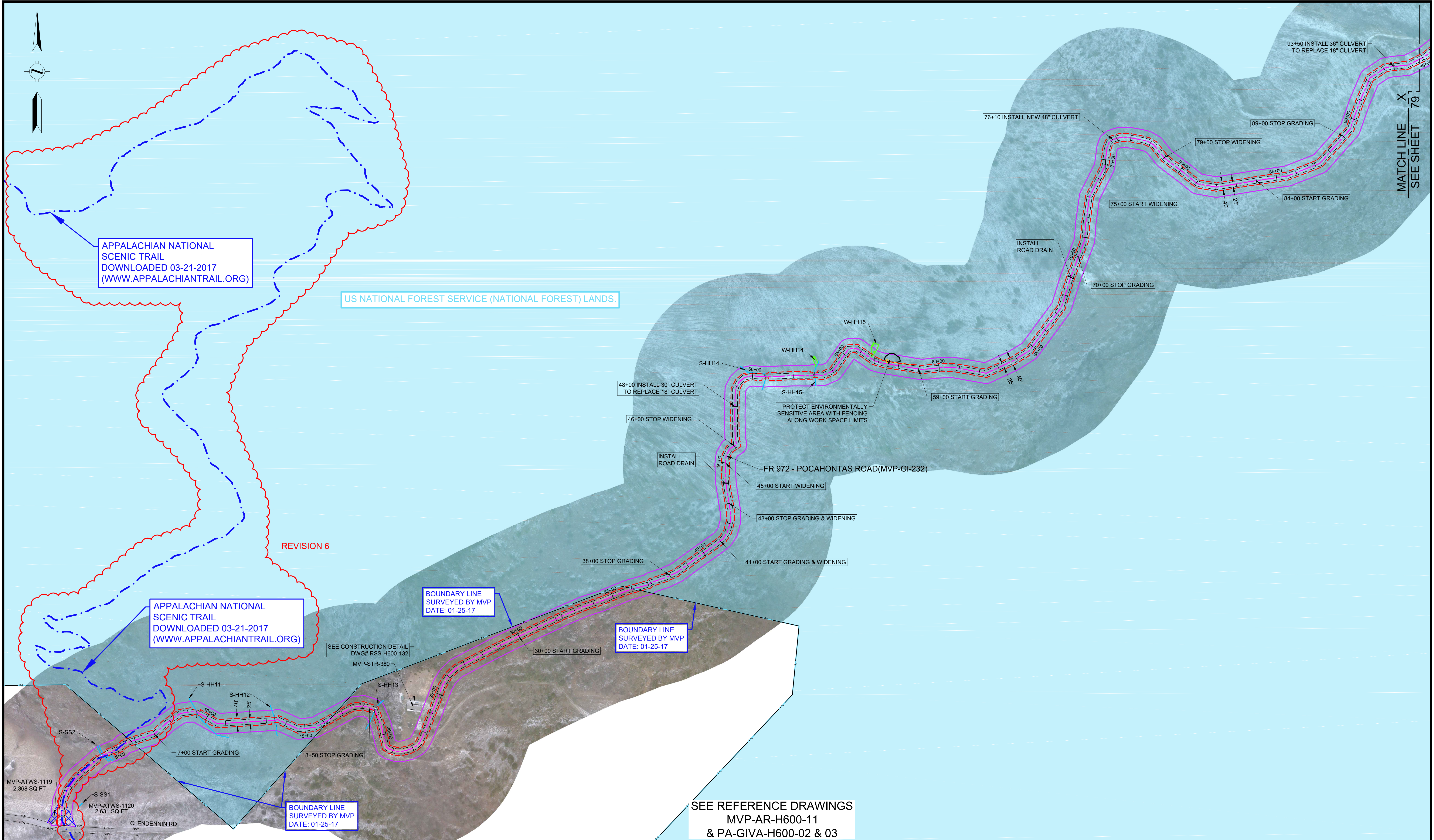
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APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16			
4	RRR	10-14-16						
		J.J.						

HORIZ. SCALE: 1" = 240'	
DRAWN BY: HEI(DRF)	04/22/15
DRAFTING CK:	
ENGINEERING CK:	
UIE JOB NO.:	
AFE/P.O. NO.:	
HEI PROJECT NO.:	14-10-052
UIE FILE NO.:	
DRAWING NO.:	MVP-QDAR-H600-26
SHEET 26 OF 109	REV. 5
DATE OF PLOT:	2/8/17 9:39 AM

QUAD DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
BRAXTON COUNTY, W.V.



LEGEND

- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PROPOSED H600 PIPELINE
- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORK SPACE
- ADDITIONAL TEMPORARY WORK SPACE
- STUDY CORRIDOR
- WETLAND
- STREAM
- PROPERTY LINE
- ROAD RIGHT-OF-WAY LINE
- GATE - GATE POST
- CULVERT
- PIPELINE MARKER
- PIPELINE
- OVERHEAD POWER LINE

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

REFERENCE DRAWINGS

DRAWING NUMBER	TITLE
RSS-H600-132	RESIDENTIAL SITE SPECIFIC
MVP-AR-H600-11	OVERALL QUAD MAP
MVP-QDAR-H600-79	ACCESS ROAD DETAIL MAP

REVISIONS

REV	BY	DATE	DESCRIPTION
0	DRF	10-15-15	REV 4.0.0. ISSUED TO FERC
1	DRF	01-13-16	FERC DATA REQUEST No.1
2	DRF	04-21-16	FERC DATA REQUEST No.2
3	DRF	09-03-16	REV 4.1.13 ISSUED FOR BID
4	DRF	10-14-16	OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC
5	DRF	12-21-16	OCTOBER 2016 PROPOSED ROUTE - REVISED DECEMBER 2016
6	DRF	03-22-17	REVISED APPALACHIAN NATIONAL SCENIC TRAIL PER NEW SHAPE FILE

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APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16			
4	RRR	10-14-16						
		J.J.						

HORZ. SCALE: 1" = 200'

DRAWN BY: HEI(DRF) 04/22/15

DRAFTING CK: .

ENGINEERING CK: .

UEI JOB NO.: .

AFE/P.O. NO.: .

HEI PROJECT NO.: 14-10-052

UEI FILE NO.: .

DRAWING NO.: MVP-ADAR-H600-78

SHEET 78 OF 109 REV. 6

DATE OF PLOT: 3/22/17 10:06 AM

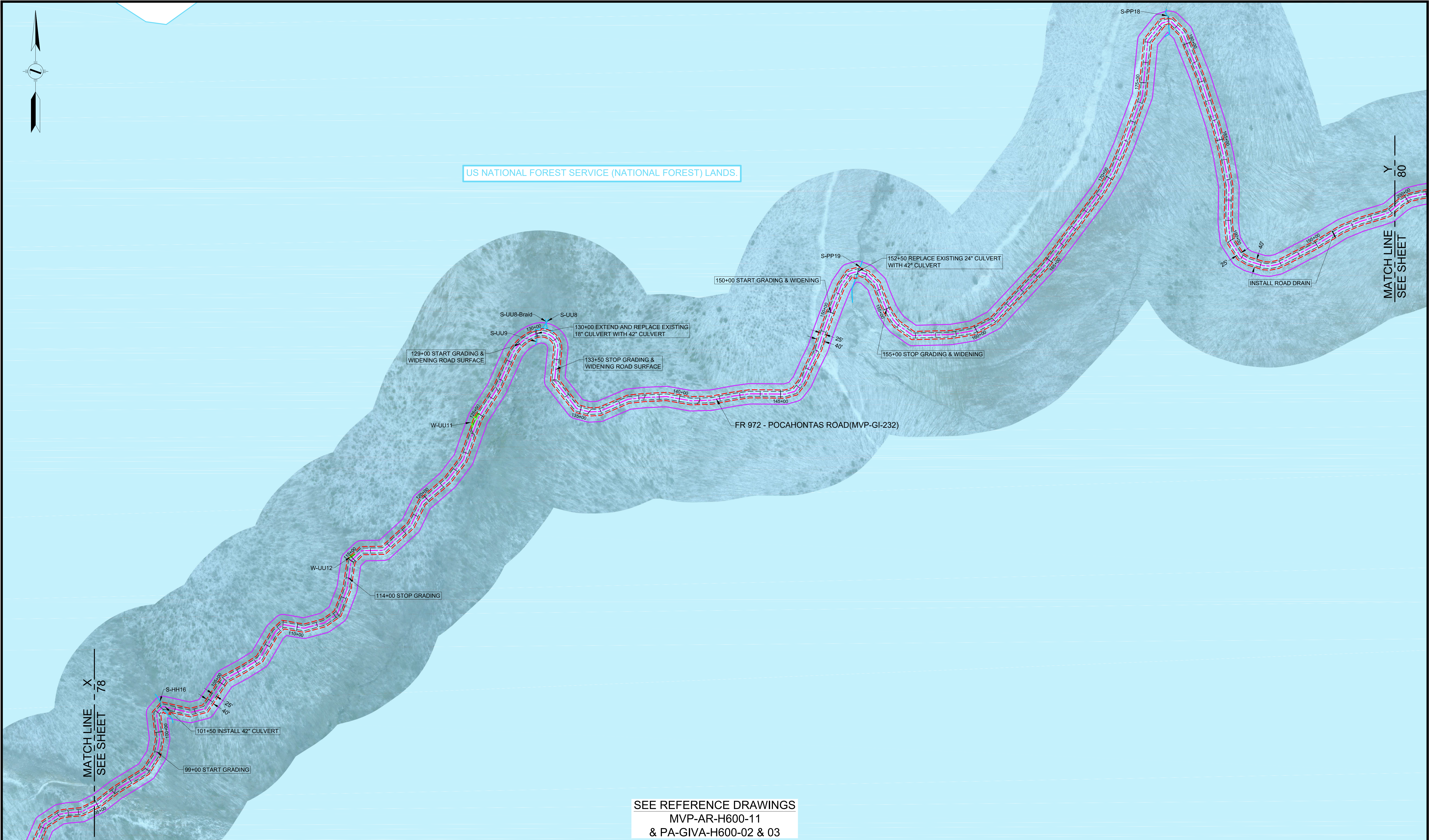
Mountain Valley PIPELINE

AERIAL DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

GILES COUNTY, VA



LEGEND	
	PERMANENT ACCESS ROAD
	TEMPORARY ACCESS ROAD
	PROPOSED H600 PIPELINE
	PROPOSED PERMANENT EASEMENT
	TEMPORARY WORK SPACE
	ADDITIONAL TEMPORARY WORK SPACE
	STUDY CORRIDOR
	WETLAND
	STREAM
	PROPERTY LINE
	ROAD RIGHT-OF-WAY LINE
	GATE - GATE POST
	CULVERT
	PIPELINE MARKER
	OVERHEAD POWER LINE

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

REFERENCE DRAWINGS	
DRAWING NUMBER	TITLE
MVP-AR-H600-11	OVERALL QUAD MAP
MVP-QDAR-H600-78	ACCESS ROAD DETAIL MAP
MVP-QDAR-H600-80	ACCESS ROAD DETAIL MAP

REVISIONS	
REV.	DESCRIPTION
0	DRF 10-15-15 REV 4.0.0. ISSUED TO FERC
1	DRF 01-13-16 FERC DATA REQUEST No.1
2	DRF 04-21-16 FERC DATA REQUEST No.2
3	DRF 09-03-16 REV 4.1.13 ISSUED FOR BID
4	DRF 10-14-16 OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC
5	DRF 12-21-16 OCTOBER 2016 PROPOSED ROUTE - REVISED DECEMBER 2016

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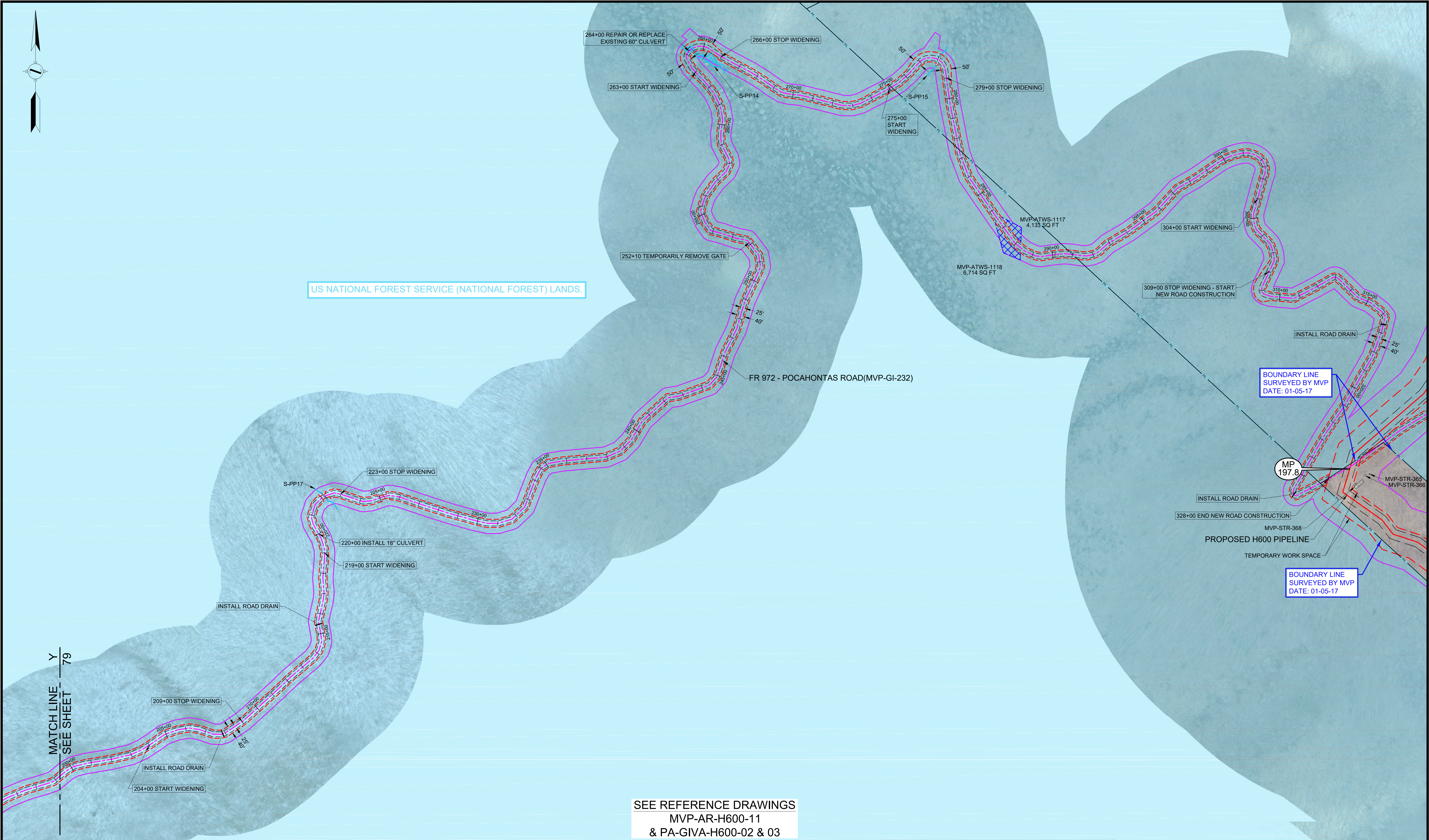
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APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16			
4	RRR	10-14-16						

HORIZ. SCALE: 1" = 200'	
DRAWN BY: HEI(DRF)	04/22/15
DRAFTING CK:	
ENGINEERING CK:	
UIE JOB NO.:	
AFE/P.O. NO.:	
HEI PROJECT NO.:	14-10-052
UIE FILE NO.:	
DRAWING NO.:	MVP-ADAR-H600-79
SHEET 79 OF 109	REV. 5
DATE OF PLOT:	2/9/17 4:49 PM

AERIAL DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
GILES COUNTY, VA



LEGEND

PERMANENT ACCESS ROAD

TEMPORARY ACCESS ROAD

PROPOSED H600 PIPELINE

PROPOSED PERMANENT EASEMENT

TEMPORARY WORK SPACE

ADDITIONAL TEMPORARY WORK SPACE

STUDY CORRIDOR

WETLAND

STREAM

PROPERTY LINE

ROAD RIGHT-OF-WAY LINE

GATE - GATE POST

CULVERT

PIPELINE MARKER

PIPELINE

OVERHEAD POWER LINE

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

REFERENCE DRAWINGS

DRAWING NUMBER	TITLE
MVP-AR-H600-11	OVERALL QUAD MAP
PA-GIVA-H600-02	ALIGNMENT SHEET
MVP-QDAR-H600-79	ACCESS ROAD DETAIL MAP

REVISIONS

REV	BY	DATE	DESCRIPTION
0	DRF	10-15-15	REV 4.0.0. ISSUED TO FERC
1	DRF	01-13-16	FERC DATA REQUEST No.1
2	DRF	04-21-16	FERC DATA REQUEST No.2
3	DRF	09-03-16	REV 4.1.13 ISSUED FOR BID
4	DRF	10-14-16	OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC
5	DRF	12-21-16	OCTOBER 2016 PROPOSED ROUTE - REVISED DECEMBER 2016

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REV.	BY	DATE
0	RRR	10-15-15
4	RRR	10-14-16
-	...	J.J.

APPROVED FOR BIDDING

REV.	BY	DATE
3	RRR	09-03-16

APPROVED FOR CONSTRUCTION

REV.	BY	DATE
-	...	J.J.

HORZ. SCALE: 1" = 200'

DRAWN BY: HEI(DRF) 04/22/15

DRAFTING CK: .

ENGINEERING CK: .

UEI JOB NO.: .

AFE/P.O. NO.: .

HEI PROJECT NO.: 14-10-052

UEI FILE NO.: .

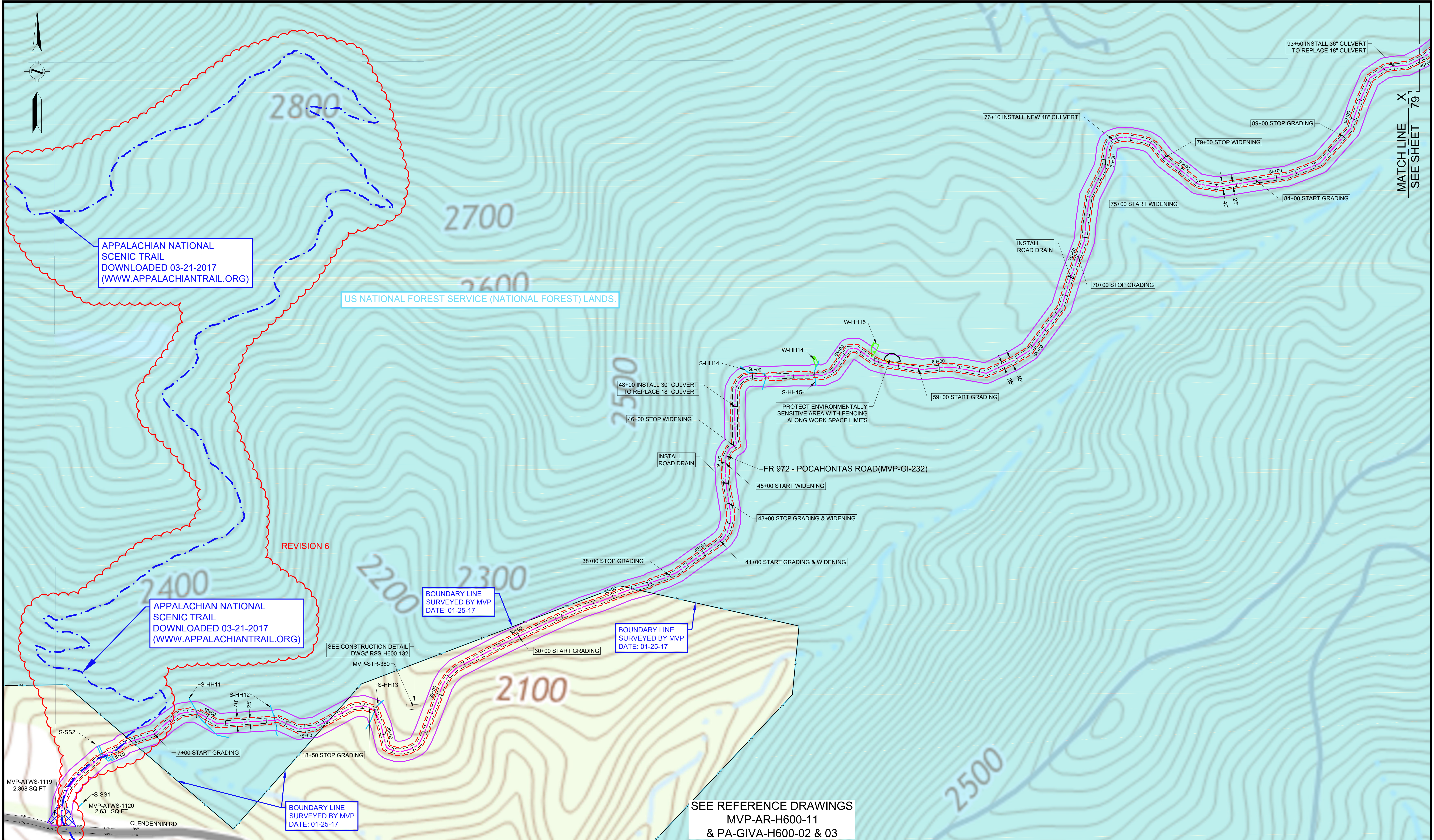
DRAWING NO.: MVP-ADAR-H600-80

SHEET 80 OF 109 REV. 5

DATE OF PLOT: 2/9/17 4:50 PM

Mountain Valley
PIPELINE

AERIAL DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
GILES COUNTY, VA



LEGEND

- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PROPOSED H600 PIPELINE
- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORK SPACE
- ADDITIONAL TEMPORARY WORK SPACE STUDY CORRIDOR
- WETLAND
- STREAM
- PROPERTY LINE
- ROAD RIGHT-OF-WAY LINE
- GATE - GATE POST
- CULVERT
- PIPELINE MARKER
- PIPELINE
- OVERHEAD POWER LINE

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

DRAWING NUMBER		TITLE	
RSS-H600-132	RESIDENTIAL SITE SPECIFIC		
MVP-AR-H600-11	OVERALL QUAD MAP		
MVP-QDAR-H600-78	ACCESS ROAD DETAIL MAP		

REV		BY	DATE	DESCRIPTION
0	DRF		10-15-15	REV 4.0.0. ISSUED TO FERC
1	DRF		01-13-16	FERC DATA REQUEST No.1
2	DRF		04-21-16	FERC DATA REQUEST No.2
3	DRF		09-03-16	REV 4.1.13 ISSUED FOR BID
4	DRF		10-14-16	OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC
5	DRF		12-21-16	OCTOBER 2016 PROPOSED ROUTE - REVISED DECEMBER 2016
6	DRF		03-22-17	REVISED APPALACHIAN NATIONAL SCENIC TRAIL PER NEW SHAPE FILE

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APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16			
4	RRR	10-14-16						
		J.J.						

HORIZ. SCALE: 1" = 200'	
DRAWN BY: HEI(DRF)	04/22/15
DRAFTING CK:	
ENGINEERING CK:	
UIE JOB NO.:	
AFE/P.O. NO.:	
HEI PROJECT NO.:	14-10-052
UIE FILE NO.:	
DRAWING NO.:	MVP-QDAR-H600-78
SHEET 78 OF 109	REV. 6
DATE OF PLOT:	3/22/17 10:04 AM

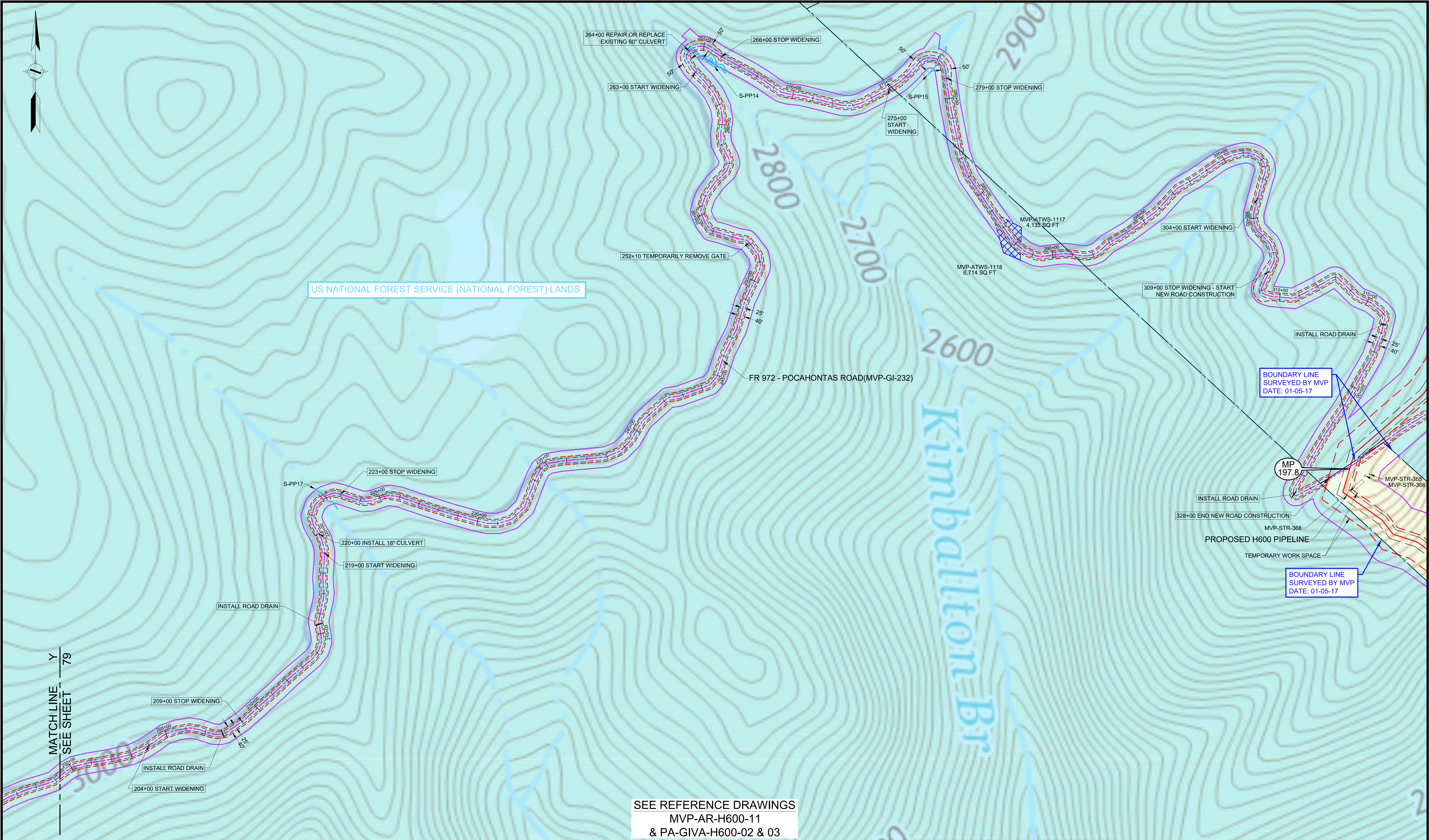
Mountain Valley PIPELINE

QUAD DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

GILES COUNTY, VA



LEGEND

- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PROPOSED H600 PIPELINE
- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORK SPACE
- ADDITIONAL TEMPORARY WORK SPACE
- STUDY CORRIDOR
- WETLAND
- STREAM
- PROPERTY LINE
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- GATE - GATE POST
- CULVERT
- PIPELINE MARKER
- PIPELINE
- OVERHEAD POWER LINE

PROJECTION: UTM ZONE 17
HORIZONTAL DATUM: NAD 83 US SURVEY FEET
VERTICAL DATUM: NAVD88

DRAWING NUMBER		TITLE	
MVP-AR-H600-11	OVERALL QUAD MAP	REV	DESCRIPTION
PA-GIVA-H600-02	ALIGNMENT SHEET	1	DRF 10-15-15 REV 4.0.0. ISSUED TO FERC
MVP-QDAR-H600-79	ACCESS ROAD DETAIL MAP	2	DRF 01-13-16 FERC DATA REQUEST No. 1
		3	DRF 04-21-16 FERC DATA REQUEST No. 2
		4	DRF 09-03-16 REV 4.1.13 ISSUED FOR BID
		5	DRF 10-14-16 OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC
		6	DRF 12-21-16 OCTOBER 2016 PROPOSED ROUTE - REVISED DECEMBER 2016

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APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16			
4	RRR	10-14-16						
		J.J.						

HORZ. SCALE: 1" = 200'

DRAWN BY: HEI(DRF) 04/22/15

DRAFTING CK: .

ENGINEERING CK: .

UIE JOB NO.: .

AFE/P.O. NO.: .

HEI PROJECT NO.: 14-10-052

UIE FILE NO.: .

DRAWING NO.: MVP-QDAR-H600-80

SHEET 80 OF 109 REV. 5

DATE OF PLOT: 2/9/17 4:47 PM

Mountain Valley PIPELINE

QUAD DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

GILES COUNTY, VA