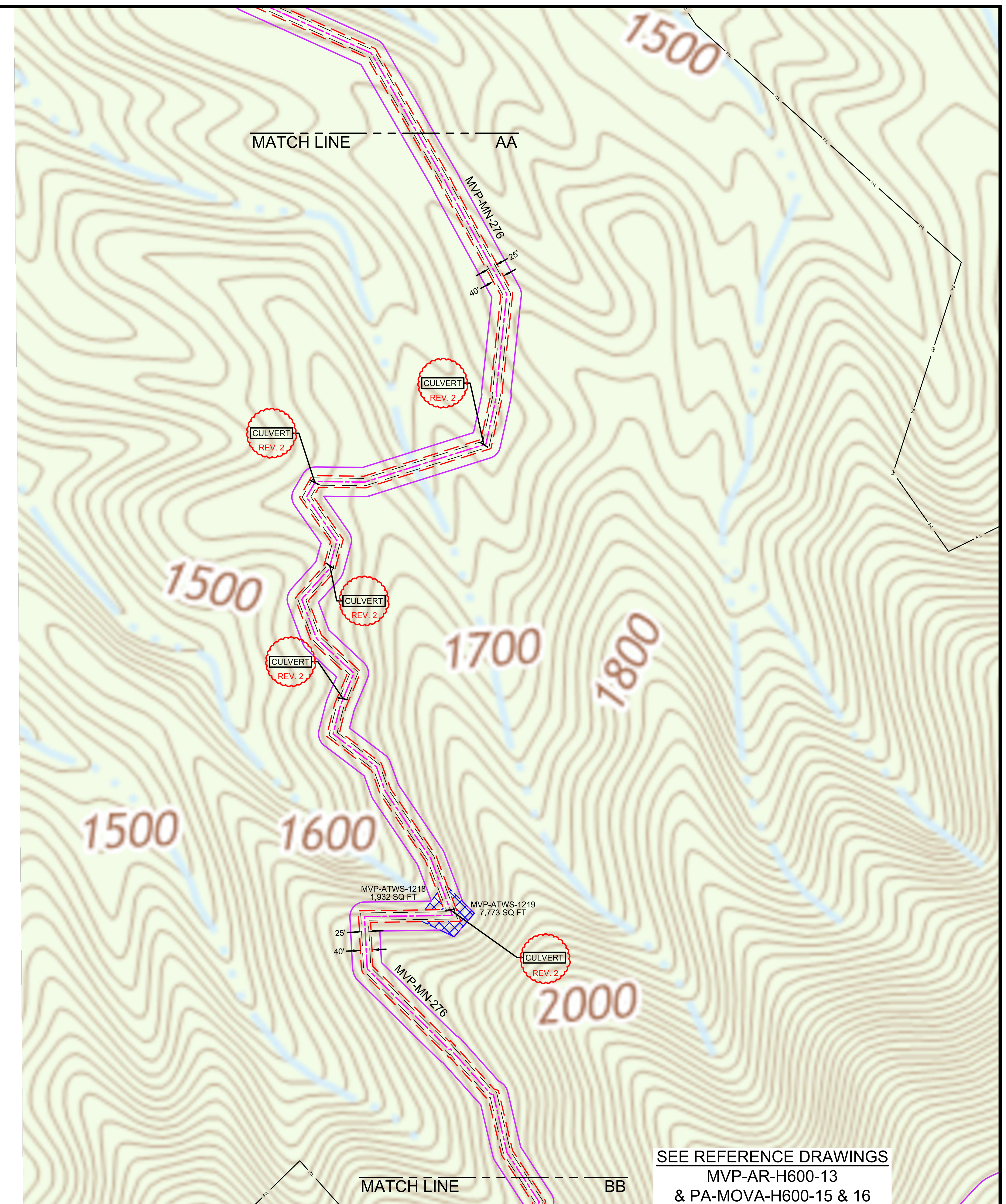
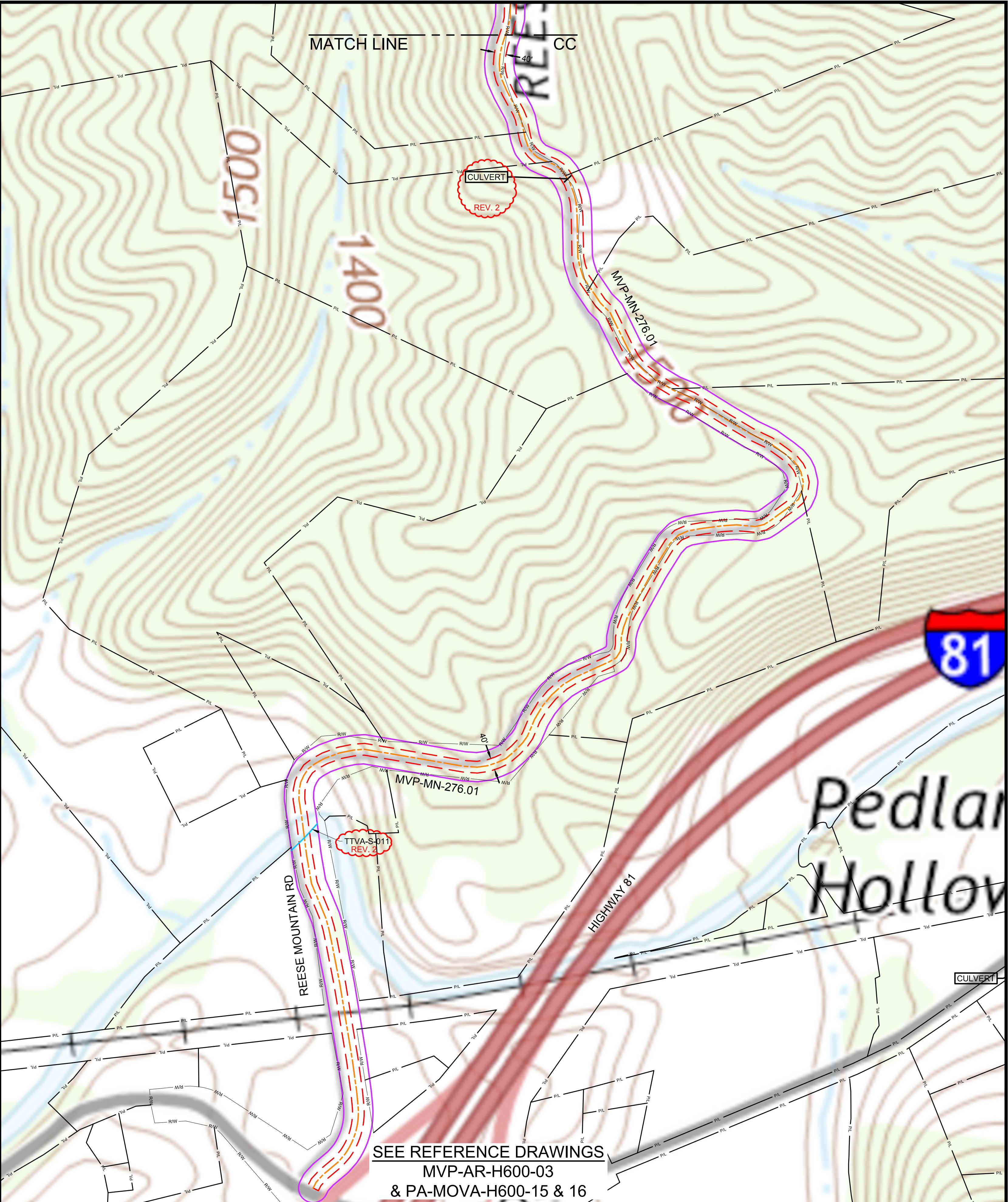
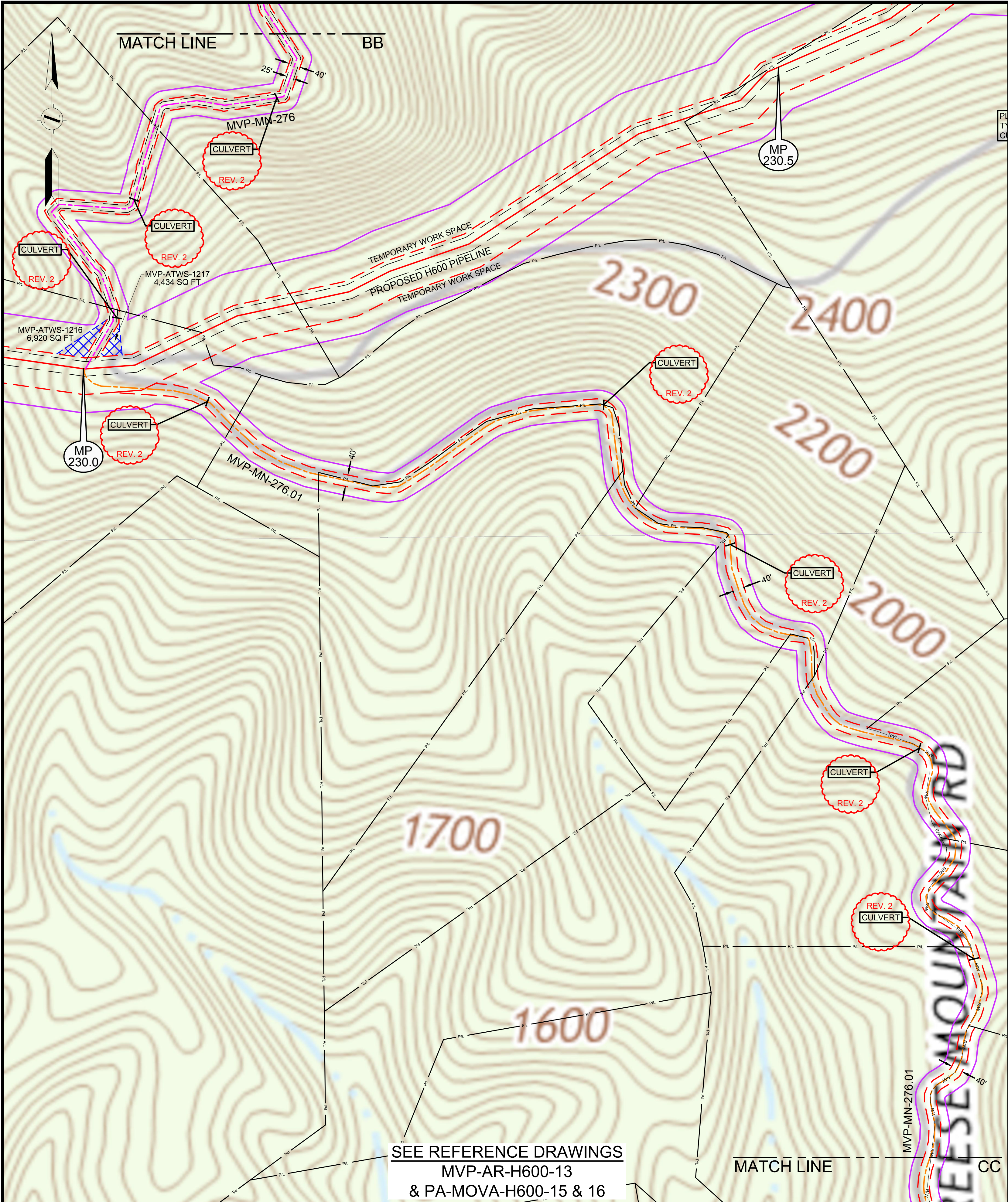


[illegible]



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

REFERENCE DRAWINGS

DRAWING NUMBER	TITLE
0	DRF 10-15-15
1	DRF 01/13/16
2	DLM 04-19-16

REVISIONS

REV.	BY	DATE	DESCRIPTION
0	DRF	10-15-15	REV 4.0.0. ISSUED TO FERC
1	DRF	01/13/16	FERC DATA REQUESTED 21 - ADDED NHD WATERBODY
2	DLM	04-19-16	REV PER FERC DATA REQUEST No.2

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APPROVED FOR FERC		APPROVED FOR BIDDING		APPROVED FOR CONSTRUCTION	
REV.	DATE	REV.	DATE	REV.	DATE
0	10-15-15				
1					
2					

HORZ. SCALE: 1" = 200'

DRAWN BY: HEI(DRF) 08/27/15

DRAFTING CK: .

ENGINEERING CK: .

UIE JOB NO.: .

AFE/P.O. NO.: .

HEI PROJECT NO.: 14-10-052

UIE FILE NO.: .

DRAWING NO.: MVP-QDAR-H600-90

SHEET 90 OF 105 REV. 2

DATE OF PLOT: 4/20/16 4:26 PM

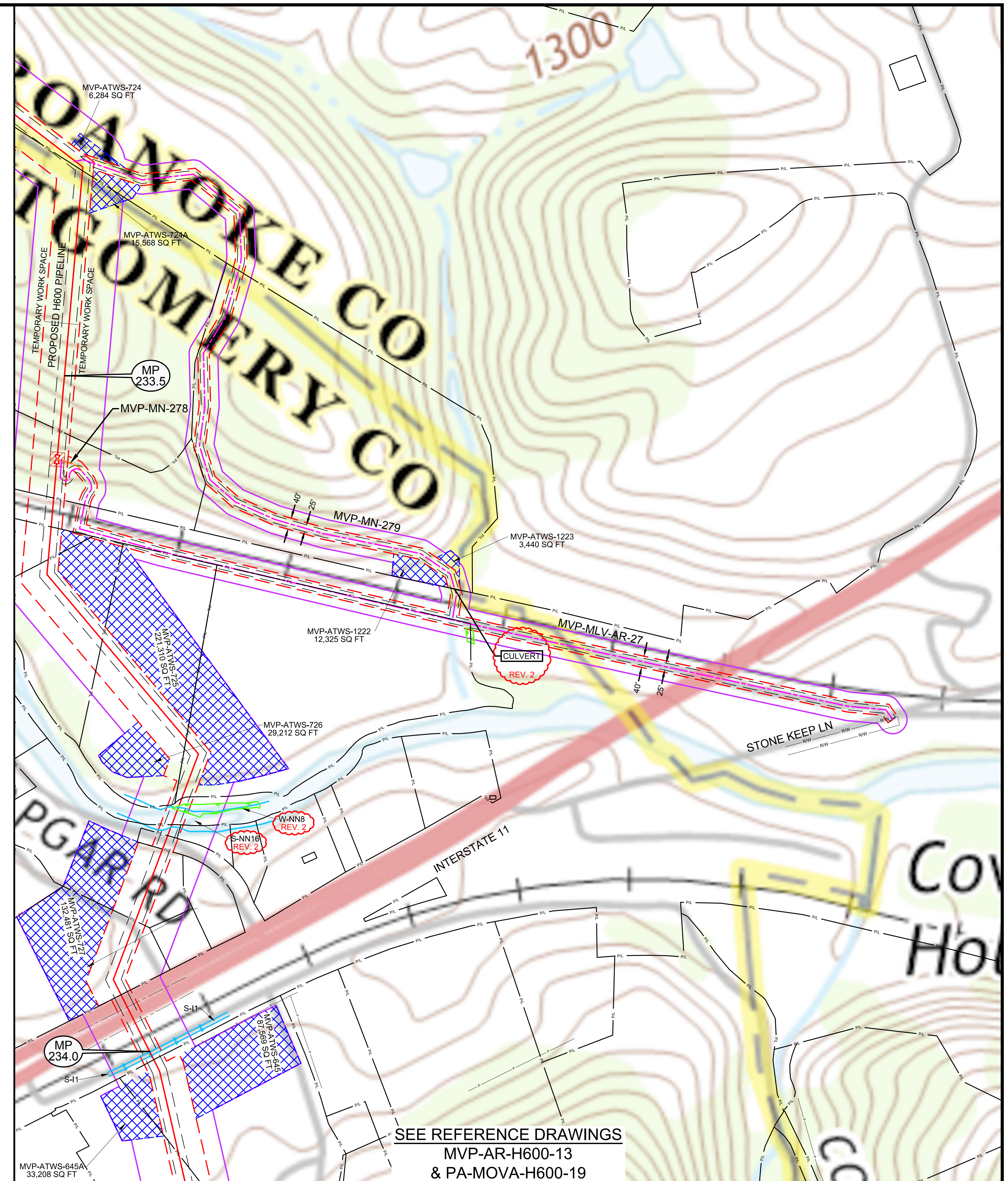
Mountain Valley PIPELINE

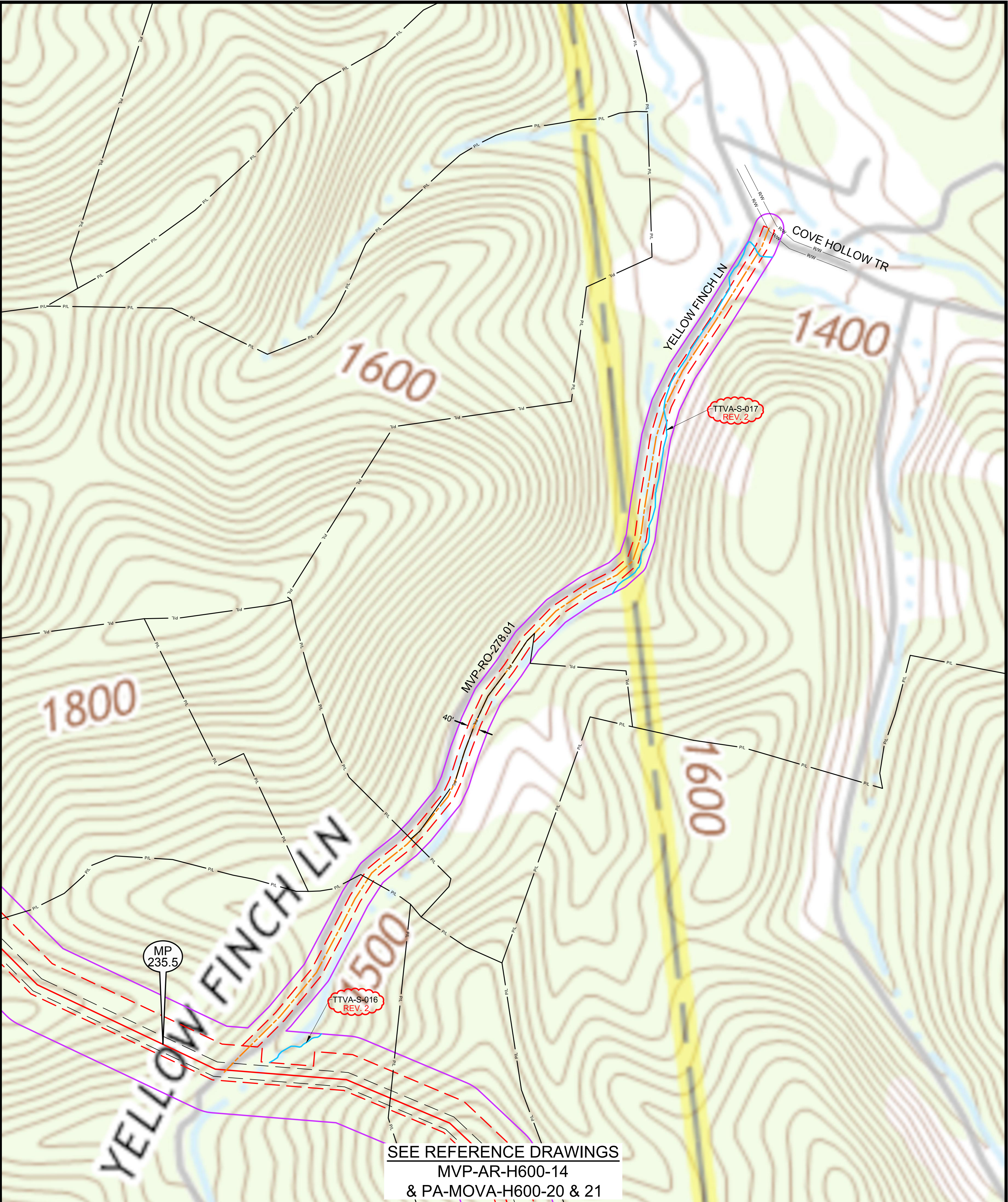
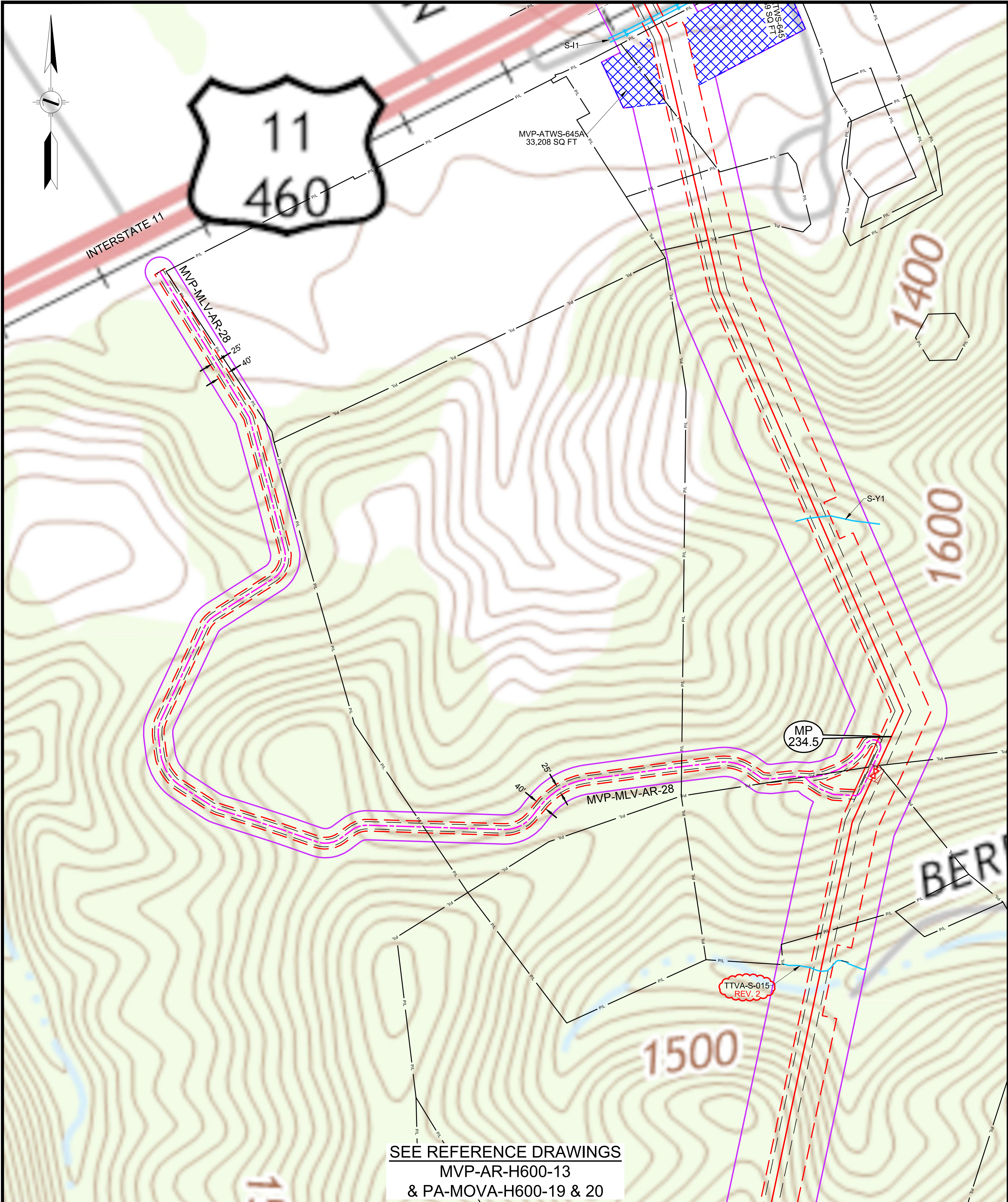
QUAD DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

MONTGOMERY COUNTY, VA

[illegible]



LEGEND		REFERENCE DRAWINGS		REVISIONS		APPROVED FOR FERC		APPROVED FOR BIDDING		APPROVED FOR CONSTRUCTION		HORIZ. SCALE: 1" = 200'	
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---	PROPOSED H600 PIPELINE	1	---	1	DRF	01/13/16	FERC DATA REQUESTED 21 - ADDED NHD WATERBODY	1	---	---	1	---	---
---	PROPOSED PERMANENT EASEMENT	2	---	2	DLM	04-19-16	REV PER FERC DATA REQUEST No.2	2	---	---	2	---	---
---	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												

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HEI PROJECT NO.: 14-10-052	DATE OF PLOT: 4/20/16 4:26 PM
DRAWING NO.: MVP-QDAR-H600-92	
SHEET 92 OF 105	REV. 2

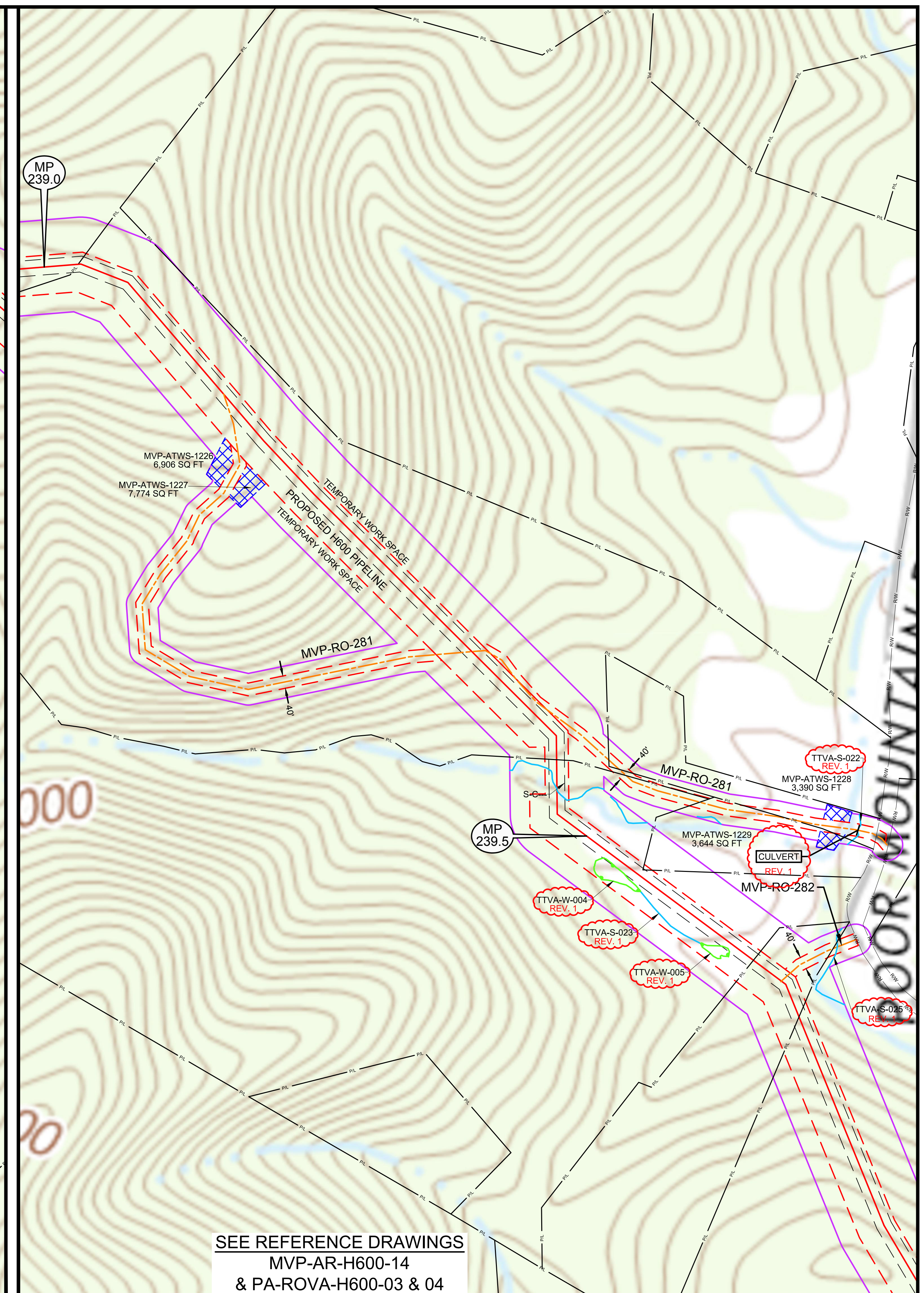
Mountain Valley PIPELINE

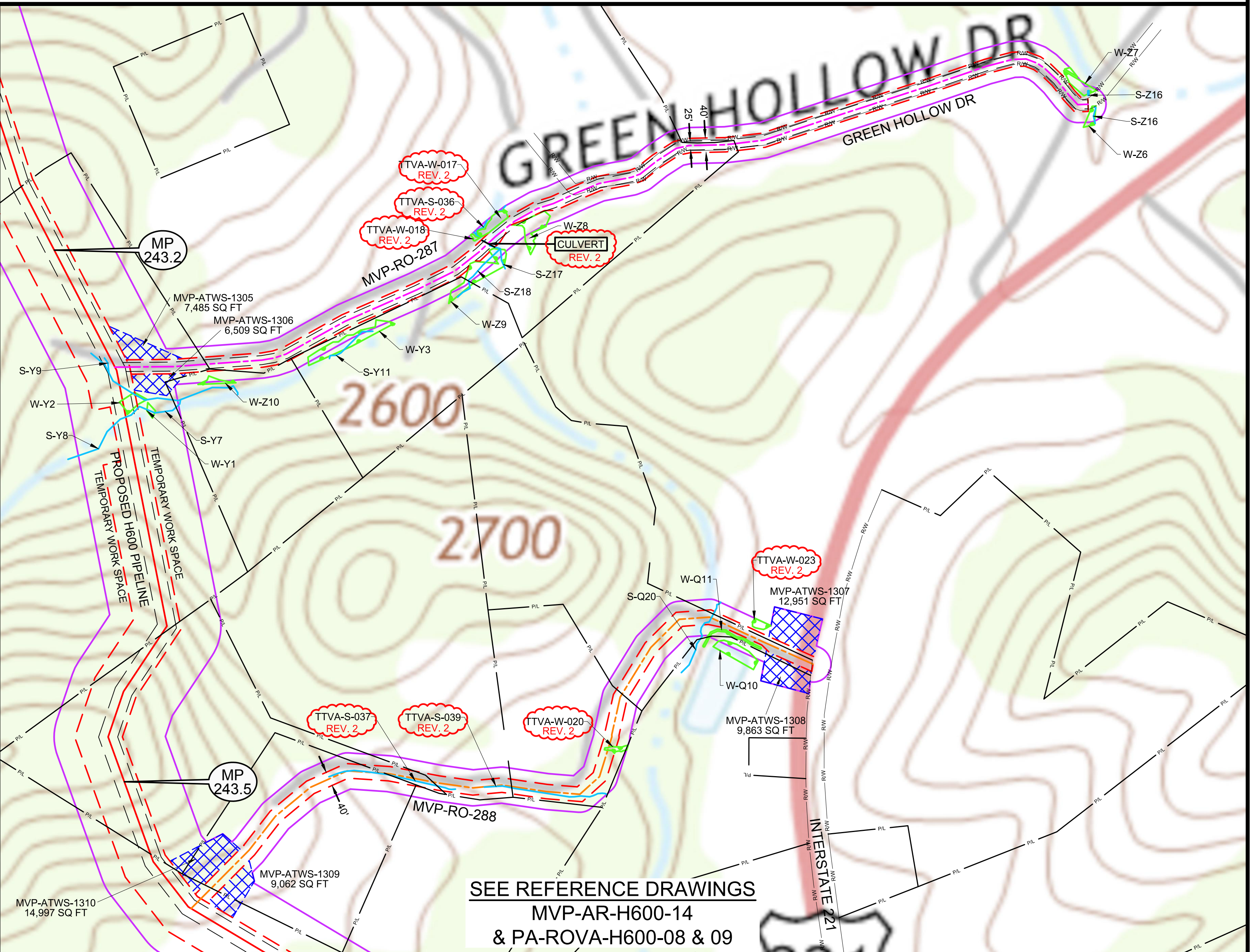
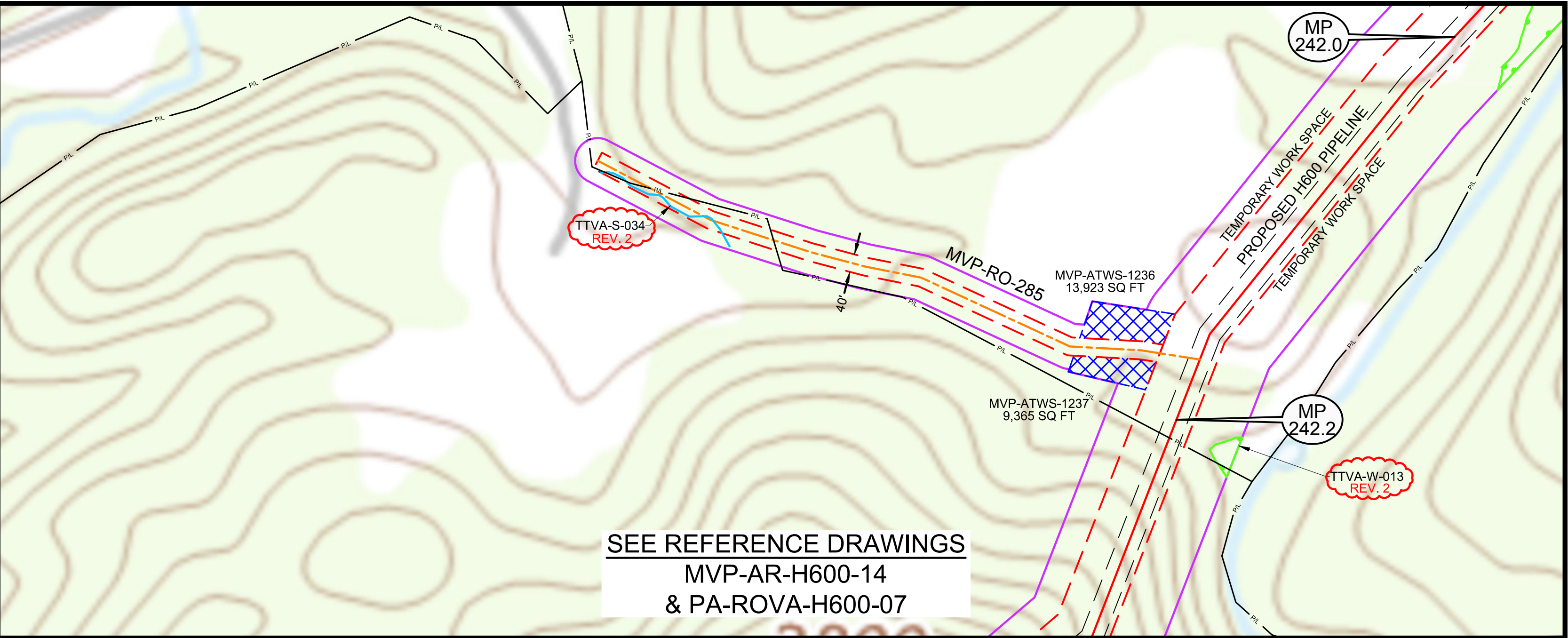
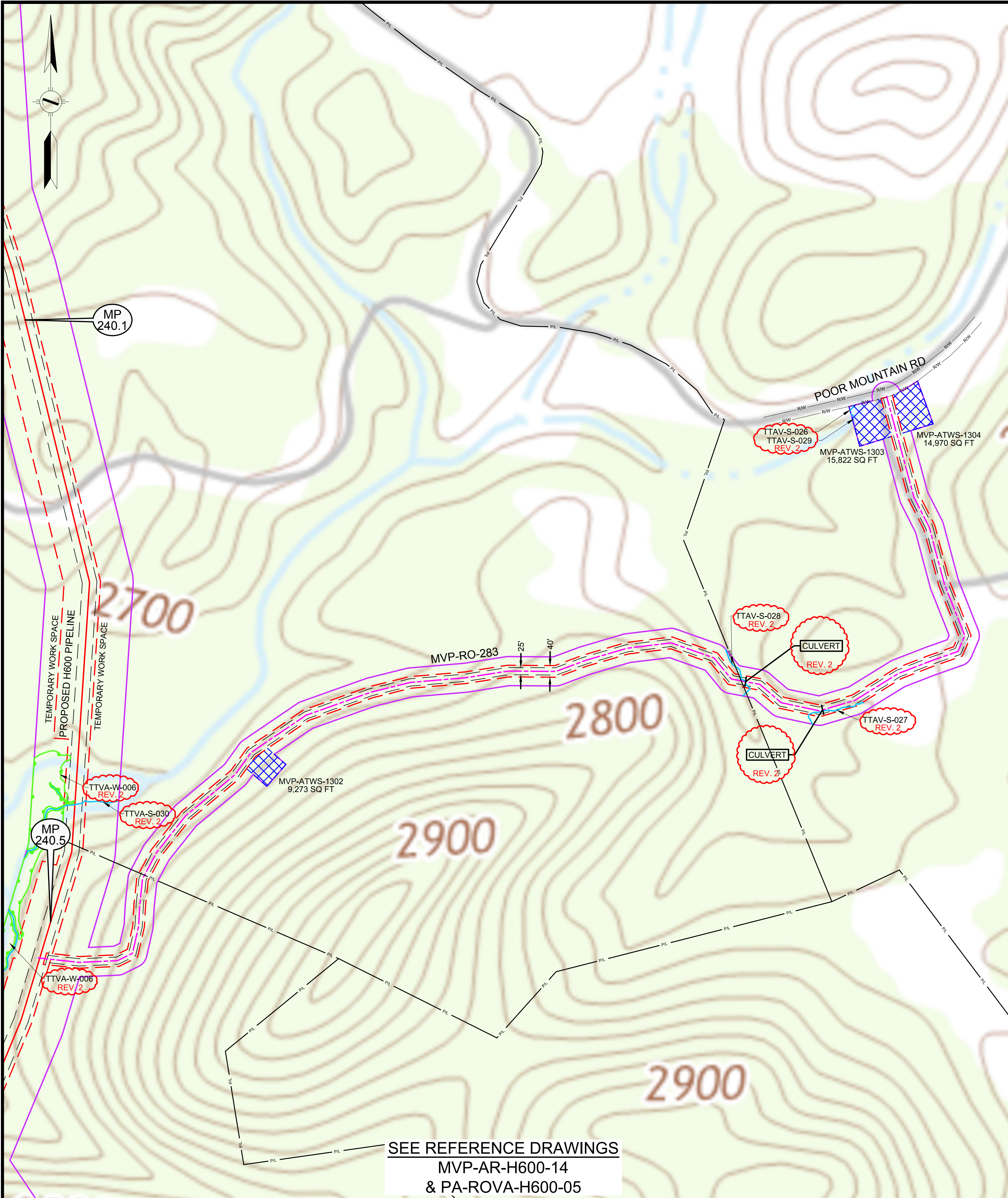
QUAD DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

ROANOKE COUNTY, VA

[illegible]



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

REFERENCE DRAWINGS

DRAWING NUMBER	TITLE
0	DRF 10-15-15
1	DRF 01/19/16
2	DLM 04-19-16

REVISIONS

REV.	BY	DATE	DESCRIPTION
0	DRF	10-15-15	REV 4.0.0. ISSUED TO FERC
1	DRF	01/19/16	FERC DATA REQUESTED 21 - ADDED NHD WATERBODY AND NWI WETLAND
2	DLM	04-19-16	REV PER FERC DATA REQUEST No.2

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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	.	...	...	.	...	...
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.	...	...	.	...	...	.	...	...

APPROVED FOR FERC

REV. BY DATE

0 RRR 10-15-15

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APPROVED FOR BIDDING

REV. BY DATE

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APPROVED FOR CONSTRUCTION

REV. BY DATE

.

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HORZ. SCALE: 1" = 200'

DRAWN BY: HEI(DRF) 09/27/15

DRAFTING CK:

ENGINEERING CK:

UIE JOB NO.:

AFE/P.O. NO.:

HEI PROJECT NO.: 14-10-052

UIE FILE NO.:

DRAWING NO.: MVP-QDAR-H600-94

SHEET 94 OF 105 REV. 2

DATE OF PLOT: 4/20/16 4:27 PM

Mountain Valley PIPELINE

QUAD DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

ROANOKE COUNTY, VIRGINIA



SEE REFERENCE DRAWINGS
MVP-AR-H600-14
& PA-FRVA-H600-01

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	DATE	DRAWN BY: HEI(DRF)	
TEMPORARY ACCESS ROAD				0	DRF	10-15-15	REV 4.0.0. ISSUED TO FERC					DRAFTING CK:	
PROPOSED H600 PIPELINE				1	DRF	01/13/16	FERC DATA REQUESTED 21 - ADDED NHD WATERBODY					ENGINEERING CK:	
PROPOSED PERMANENT EASEMENT				2	DLM	04-19-16	REV PER FERC DATA REQUEST No.2					UIE JOB NO.:	
TEMPORARY WORK SPACE												AFE/P.O. NO.:	
ADDITIONAL TEMPORARY WORK SPACE												HEI PROJECT NO.:	
STUDY CORRIDOR												UIE FILE NO.	
WETLAND												DRAWING NO.:	
STREAM												SHEET 95 OF 105	
PROPERTY LINE												DATE OF PLOT: 4/20/16 4:27 PM	
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

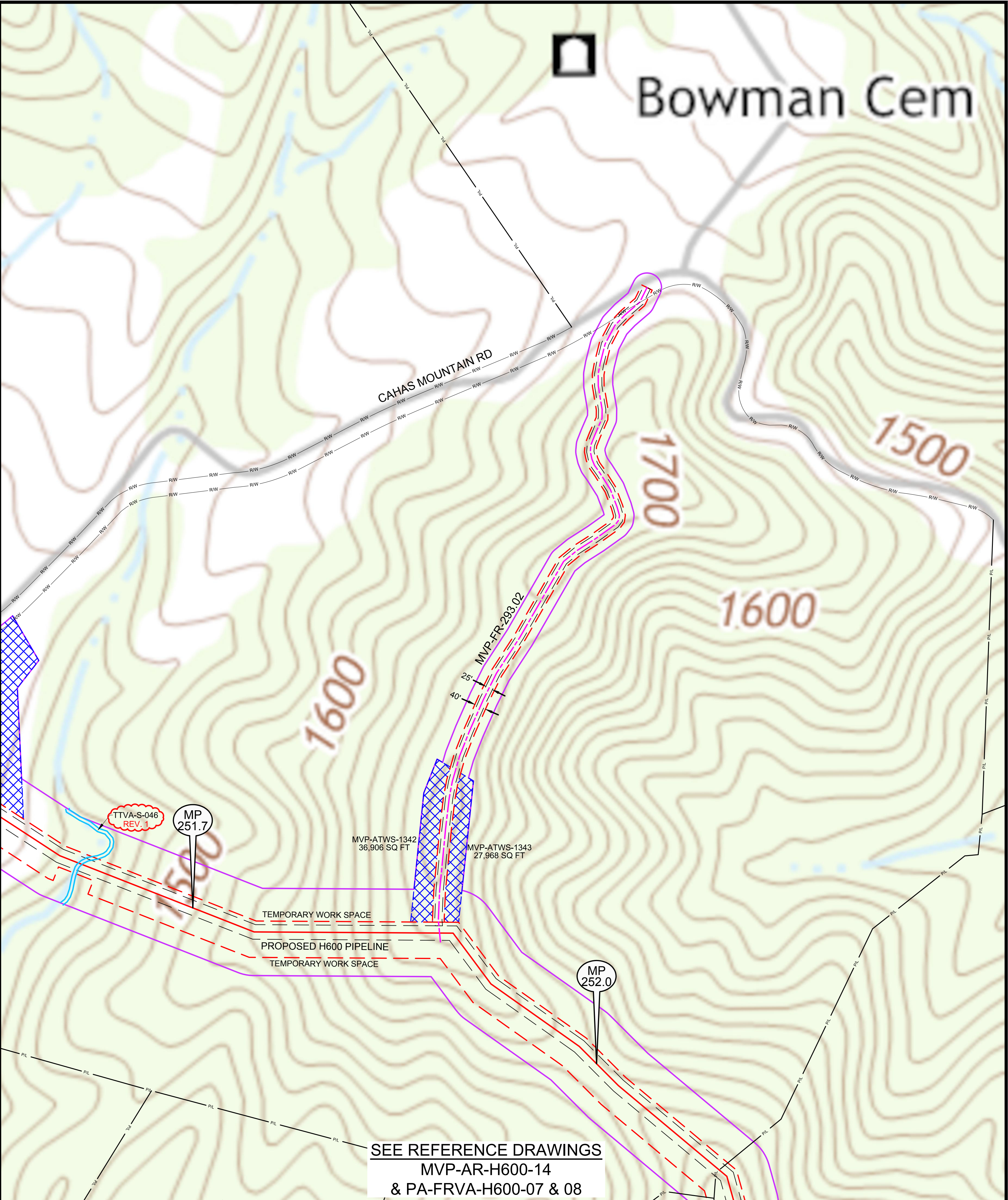
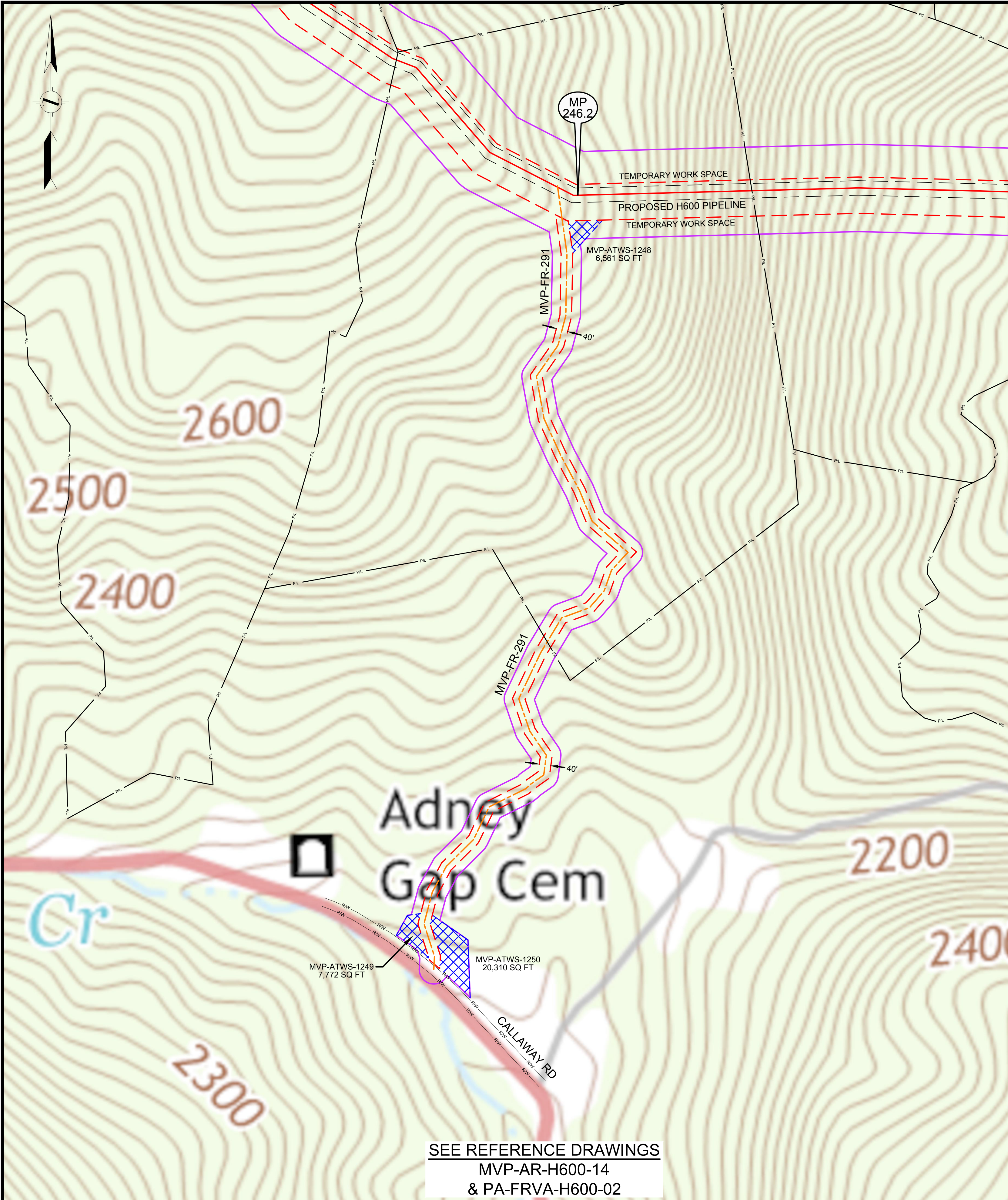
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REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15						
1	...	...						
2	...	...						

Mountain Valley PIPELINE

QUAD DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
FRANKLIN COUNTY, VIRGINIA



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
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	PROPOSED PERMANENT EASEMENT	1	DLM	04-19-16	DLM	04-19-16	REV PER FERC DATA REQUEST No.2	1	...	...	1	...	...
	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

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REV.	BY	DATE
0	RRR	10-15-15
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3	...	...
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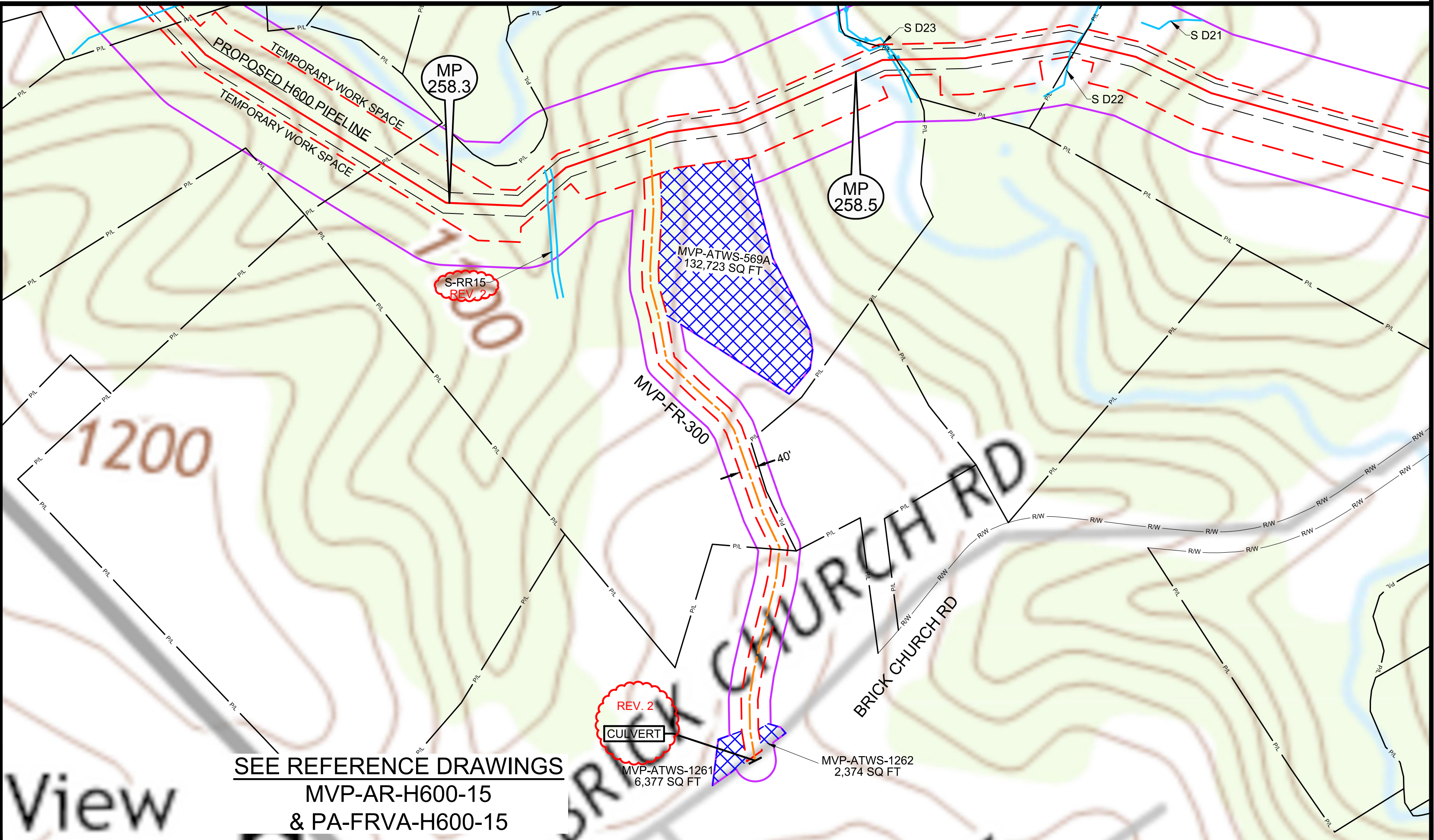
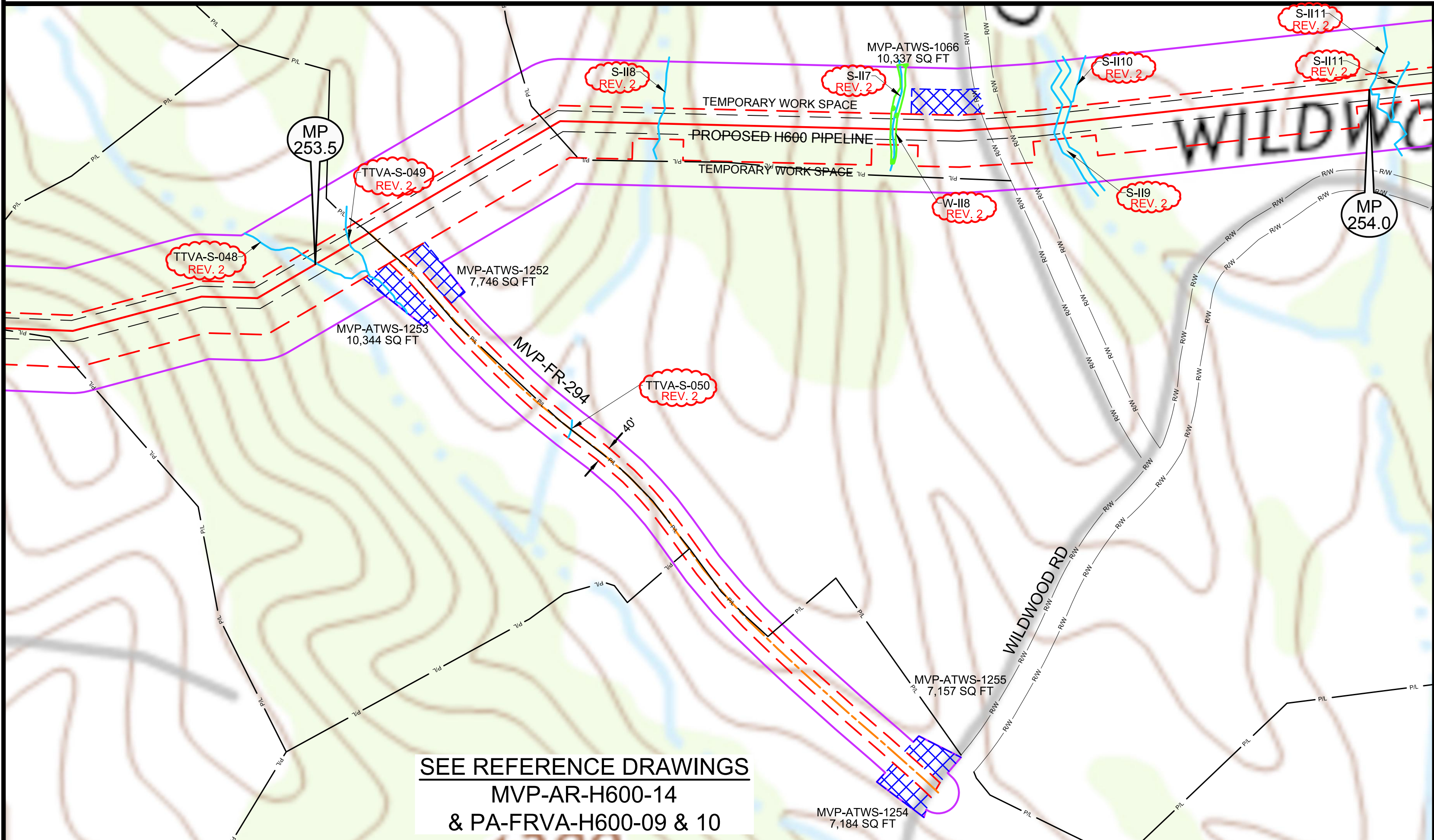
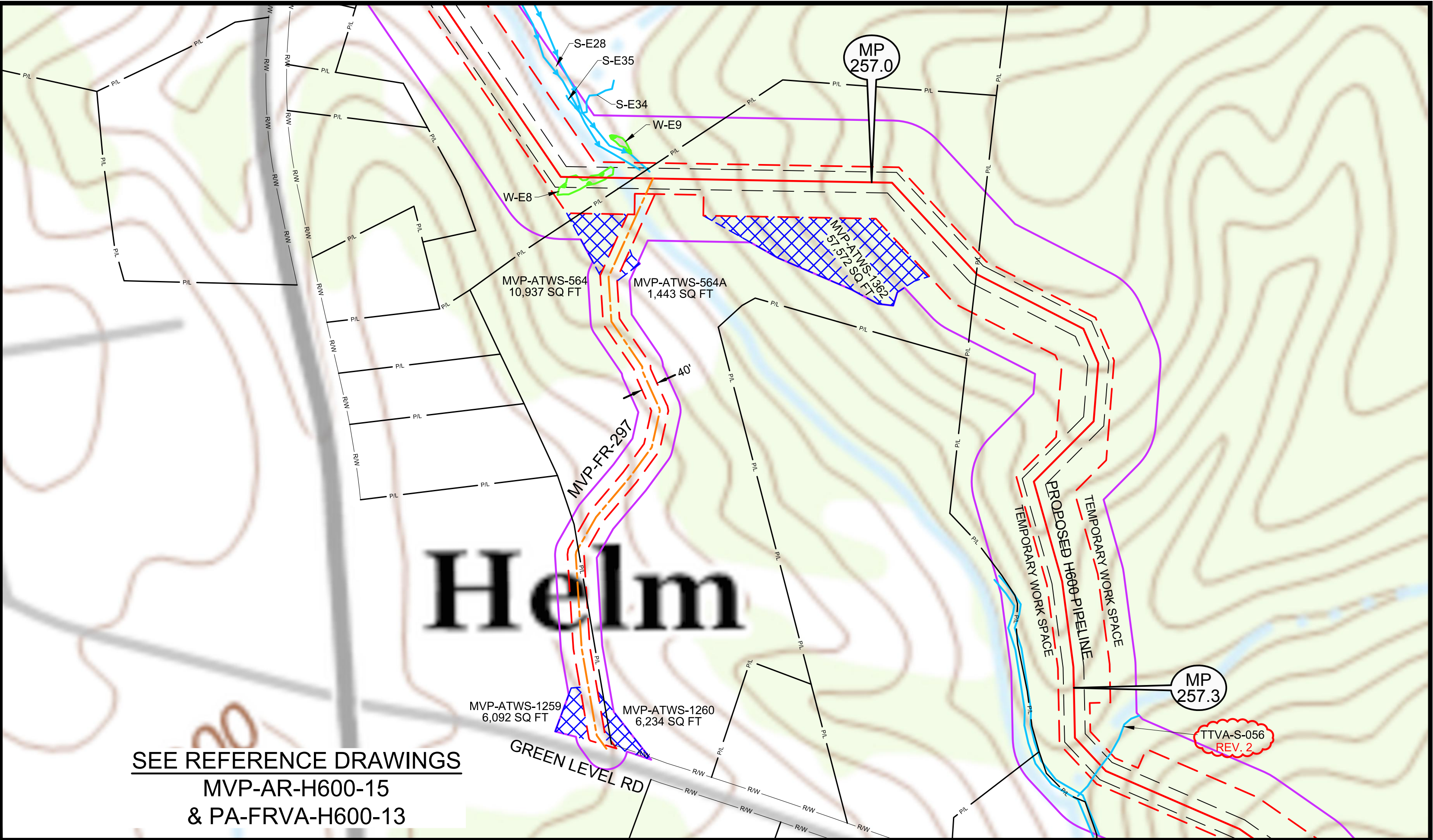
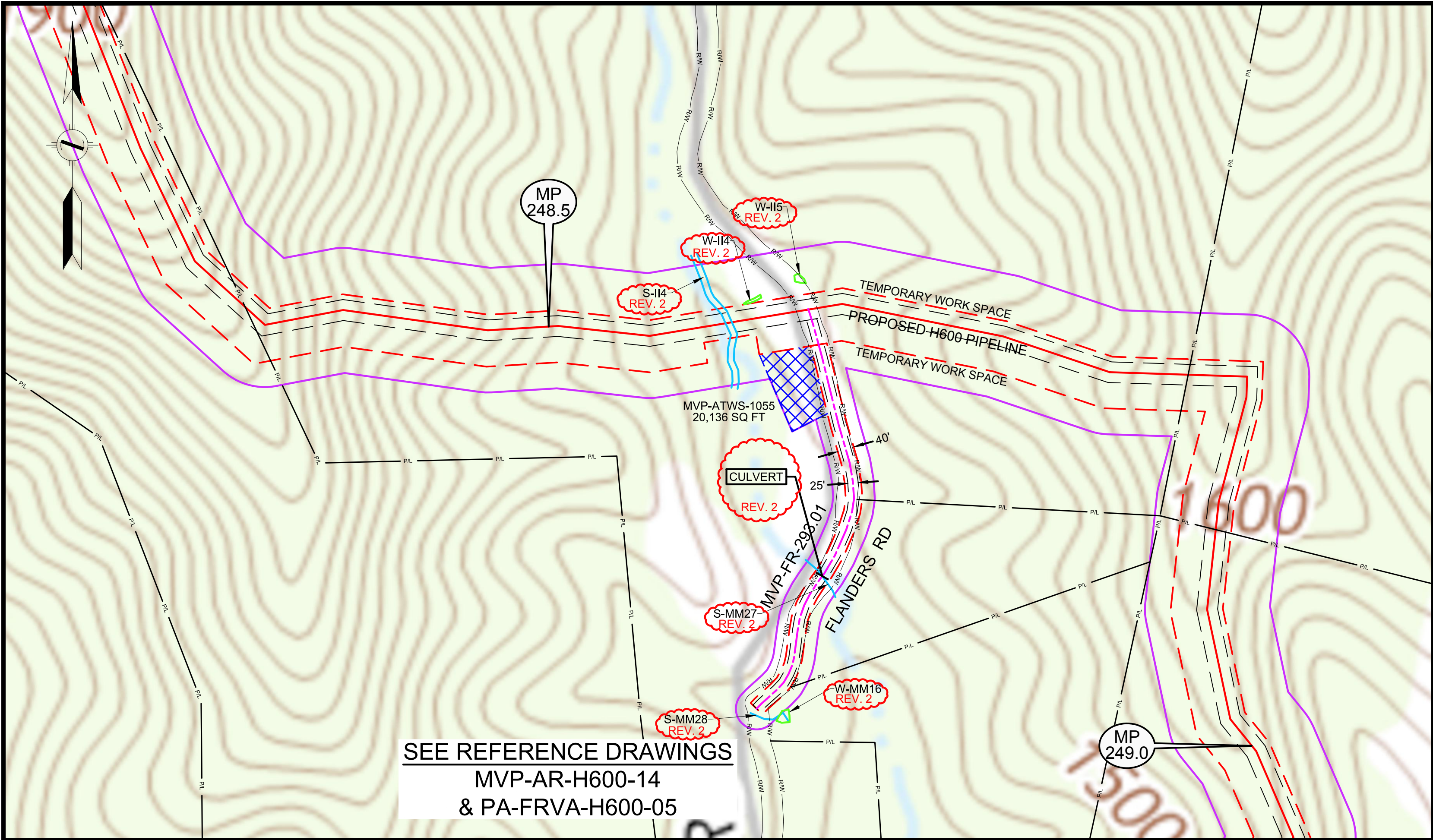
REV.	BY	DATE
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REV.	BY	DATE
0	RRR	10-15-15
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9	...	...

HEI PROJECT NO.: 14-10-052
DRAFTING CK: ...
ENGINEERING CK: ...
UIE JOB NO.: ...
AFEP/O NO.: ...
DRAFTING NO.: ...
MVP-QDAR-H600-96
SHEET 96 OF 105
DATE OF PLOT: 4/20/16 4:27 PM

Mountain Valley PIPELINE

QUAD DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
FRANKLIN COUNTY, VIRGINIA



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			REVISIONS		
DRAWING NUMBER	TITLE	REV	BY	DATE	DESCRIPTION
0	DRF	10-15-15	DRF	10-15-15	REV 4.0.0. ISSUED TO FERC
1	DRF	01/13/16	DRF	01/13/16	FERC DATA REQUESTED 21 - ADDED NHD WATERBODY AND NWI WETLAND
2	DLM	04-19-16	DLM	04-19-16	REV PER FERC DATA REQUEST NO 2

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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						

HORZ. SCALE: 1" = 200'

DRAWN BY: HEI(DRF) 08/27/15

DRAFTING CK: .

ENGINEERING CK: .

UIE JOB NO.: .

AFE/P.O. NO.: .

HEI PROJECT NO.: 14-10-052

UIE FILE NO.: .

DRAWING NO.: MVP-QDAR-H600-97

SHEET 97 OF 105 REV. 2

DATE OF PLOT: 4/20/16 4:28 PM

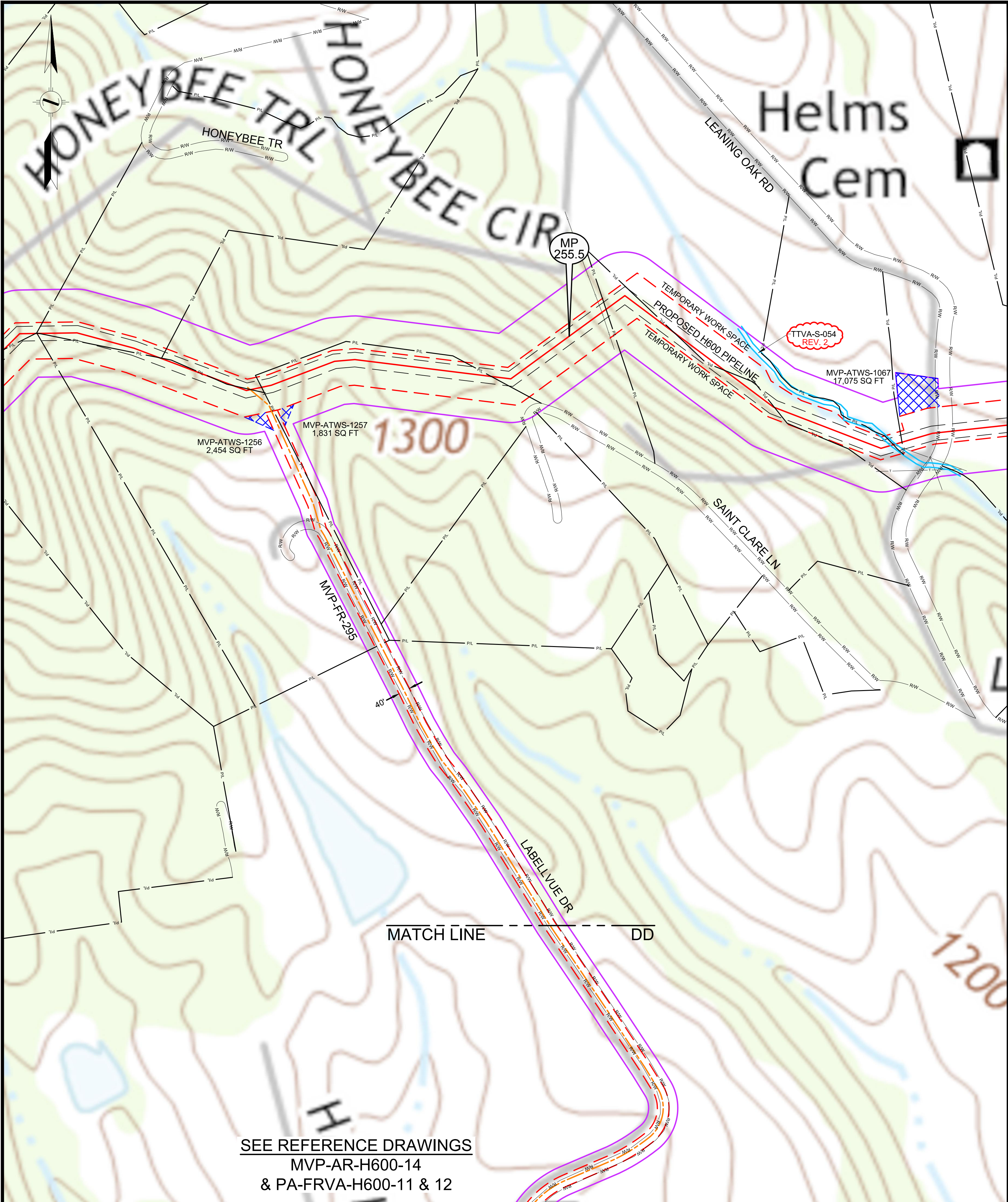
Mountain Valley
PIPELINE

QUAD DETAILS

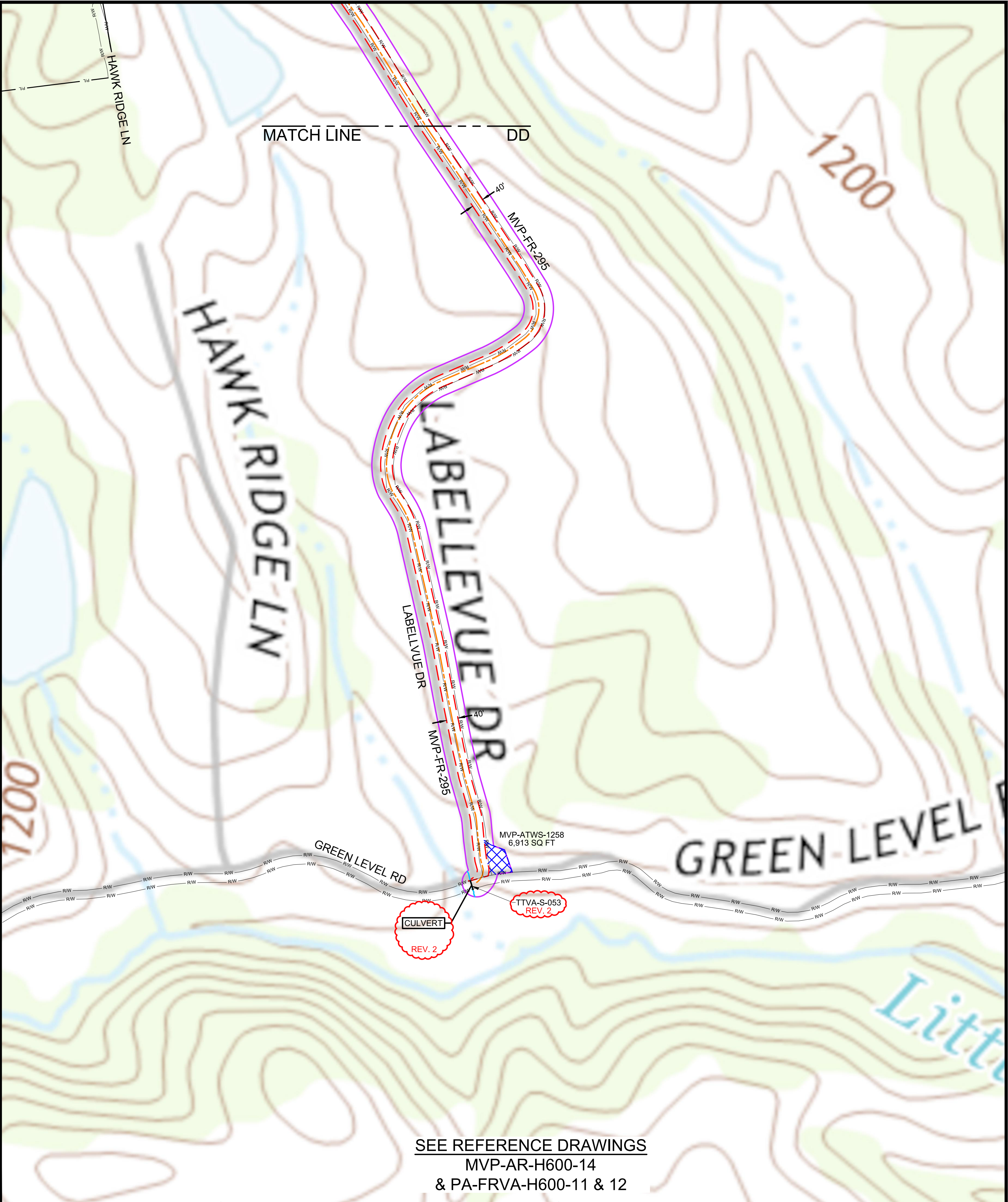
PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

FRANKLIN COUNTY, VIRGINIA



SEE REFERENCE DRAWINGS
MVP-AR-H600-14
& PA-FRVA-H600-11 & 12



SEE REFERENCE DRAWINGS
MVP-AR-H600-14
& PA-FRVA-H600-11 & 12

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	0		0	DRF	10-15-15	REV 4.0.0. ISSUED TO FERC						DRAWN BY: HEI(DRF)
	PROPOSED H600 PIPELINE	1		1	DRF	01/13/16	FERC DATA REQUESTED 21 - ADDED NHD WATERBODY						DRAFTING CK:
	PROPOSED PERMANENT EASEMENT	2		2	DLM	04-19-16	REV PER FERC DATA REQUEST No.2						ENGINEERING CK:
	TEMPORARY WORK SPACE												UIE JOB NO.:
	ADDITIONAL TEMPORARY WORK SPACE												AFE/P.O. NO.:
	STUDY CORRIDOR												HEI PROJECT NO.: 14-10-052
	WETLAND												UIE FILE NO.
	STREAM												DRAWING NO.:
	PROPERTY LINE												MVP-QDAR-H600-98
	ROAD RIGHT-OF-WAY LINE												SHEET 98 OF 105
	GATE - GATE POST												REV. 2
	CULVERT												DATE OF PLOT: 4/20/16 4:28 PM
	PIPELINE MARKER												
	OVERHEAD POWER LINE												

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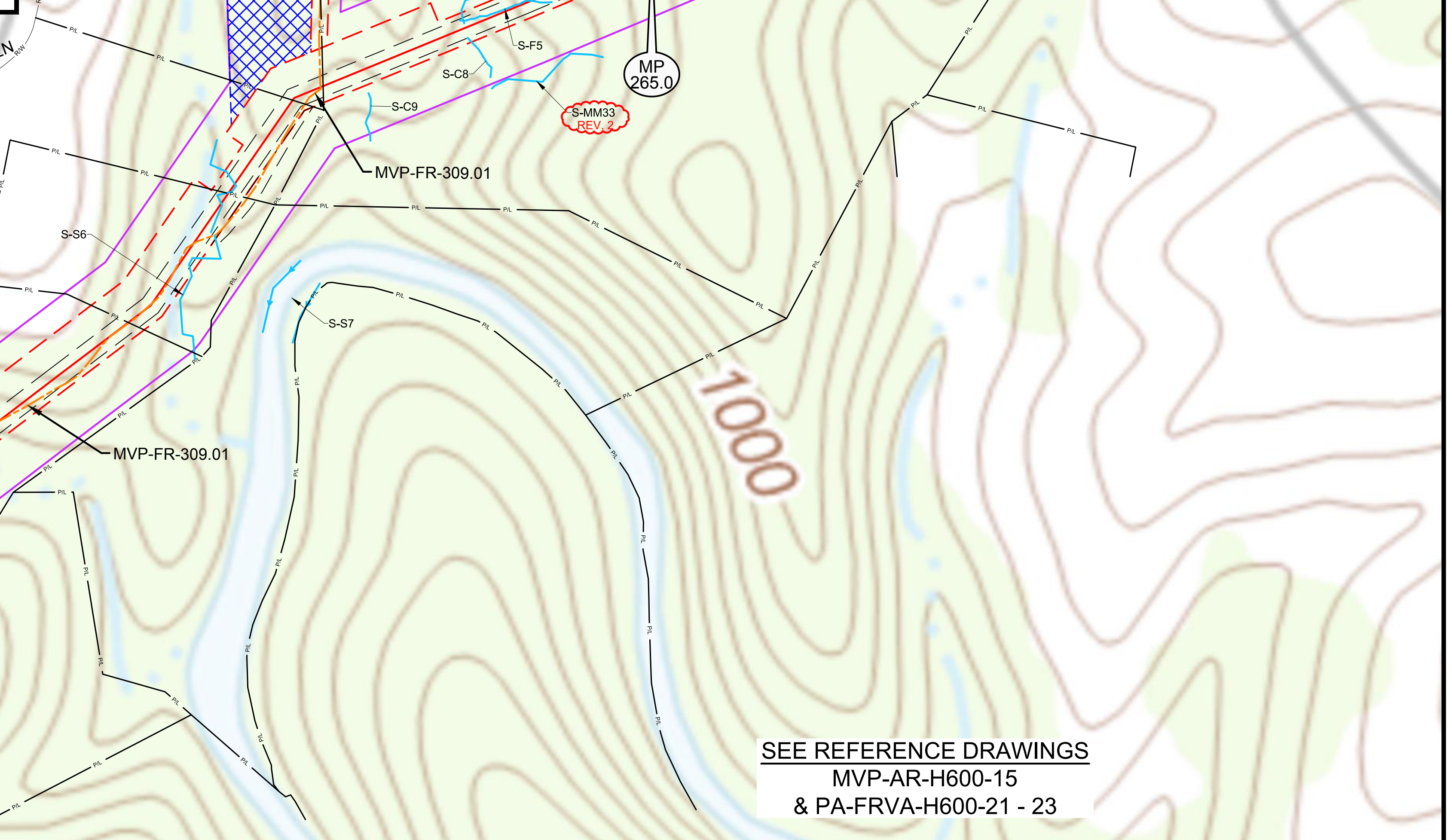
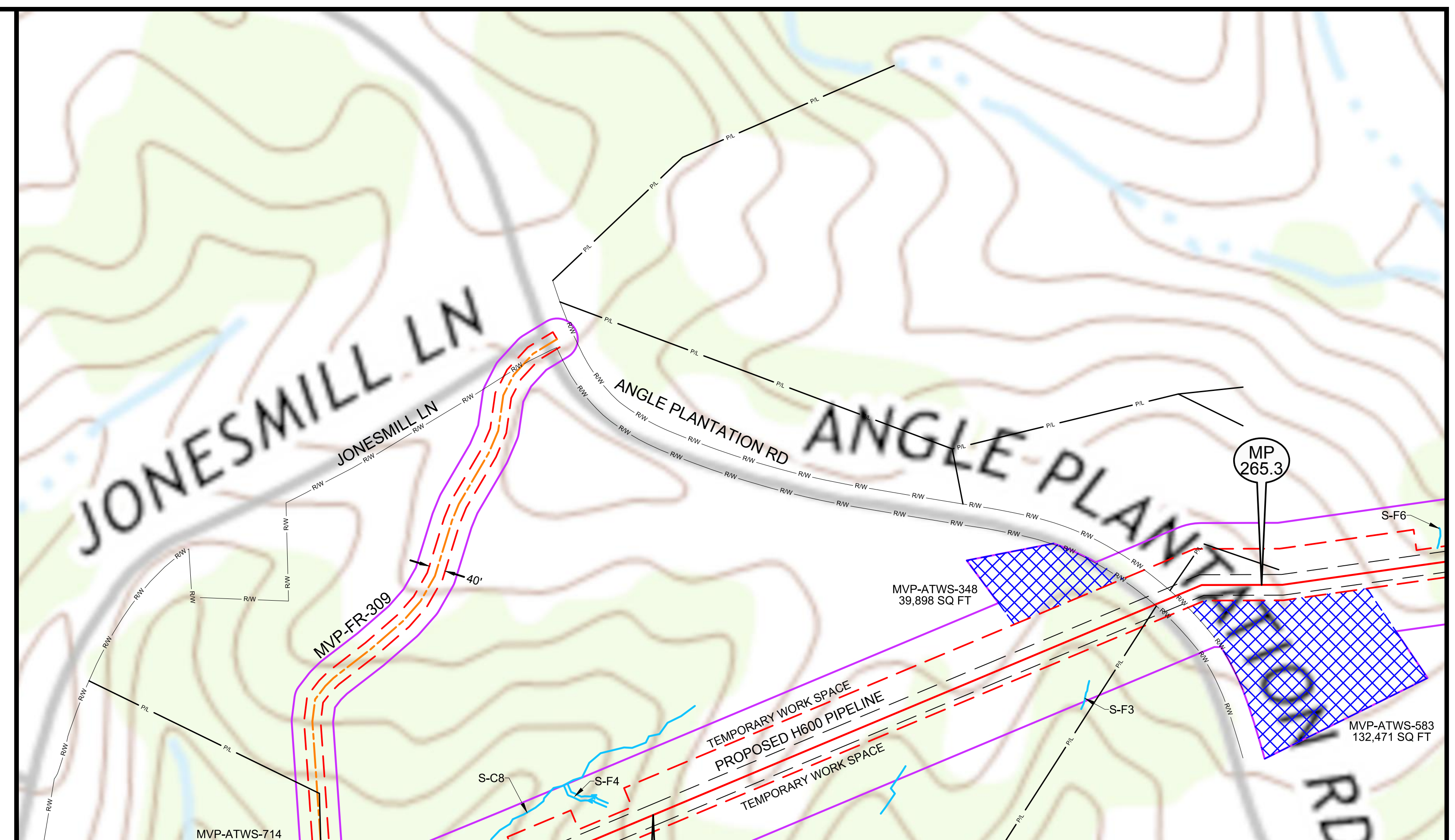
Mountain Valley PIPELINE

QUAD DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

FRANKLIN COUNTY, VIRGINIA



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	REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE	DRAWN BY: HEI(DRF) 09/27/15	
	0	RRR	10-15-15			J.J.J.			J.J.J.	DRAFTING CK: _____	
	·	...	J.J.J.							ENGINEERING CK: _____	
	·	...	J.J.J.							UEI JOB NO.: _____	
	·	...	J.J.J.							AFE/P.O.N.O.: _____	
										HEI PROJECT NO.: 14-10-052	
										UEI FILE NO. _____	
										DRAWING NO.: _____	
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									SHEET 99 OF 105 REV. 2		
									DATE OF PLOT: 4/20/16 4:28 PM		



QUAD DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

FRANKLIN COUNTY, VIRGINIA

