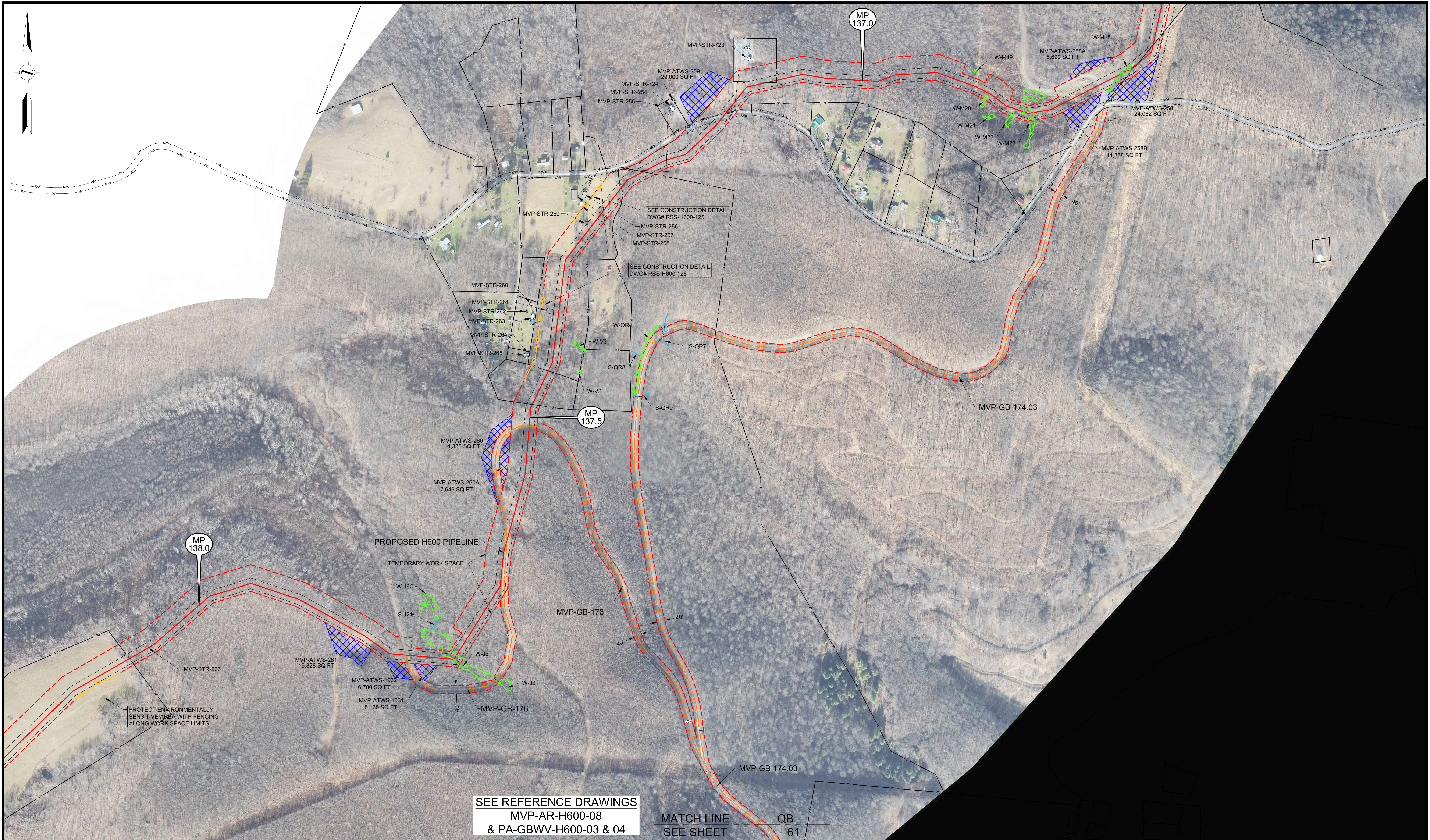


**Mountain Valley Pipeline, LLC
Mountain Valley Pipeline Project
Docket No. CP16-10-000**

**Implementation Plan
December 2017 Supplement**

**Attachment IP-4a
Access Roads Sheets 03**



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-H600-125	RESIDENTIAL SITE SPECIFIC
RSS-H600-126	RESIDENTIAL SITE SPECIFIC
MVP-AR-H600-08	OVERALL QUAD MAP
PA-GBWV-H600-02	ALIGNMENT SHEET
PA-GBWV-H600-03	ALIGNMENT SHEET
PA-GBWV-H600-04	ALIGNMENT SHEET
MVP-QDAR-H600-01	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	11-27-17	ISSUED FOR CONSTRUCTION

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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	5	JJS	11-27-17
4	RRR	10-14-16						
5	JJS	11-27-17						

HORZ. SCALE: 1" = 200'

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

DRAFTING CK: .

ENGINEERING CK: .

HEI PROJECT NO.: 14-10-052

HEI FILE NO.: MVP-ADAR-H600-61

DRAWING NO.: SHEET 61 OF 109 REV. 5

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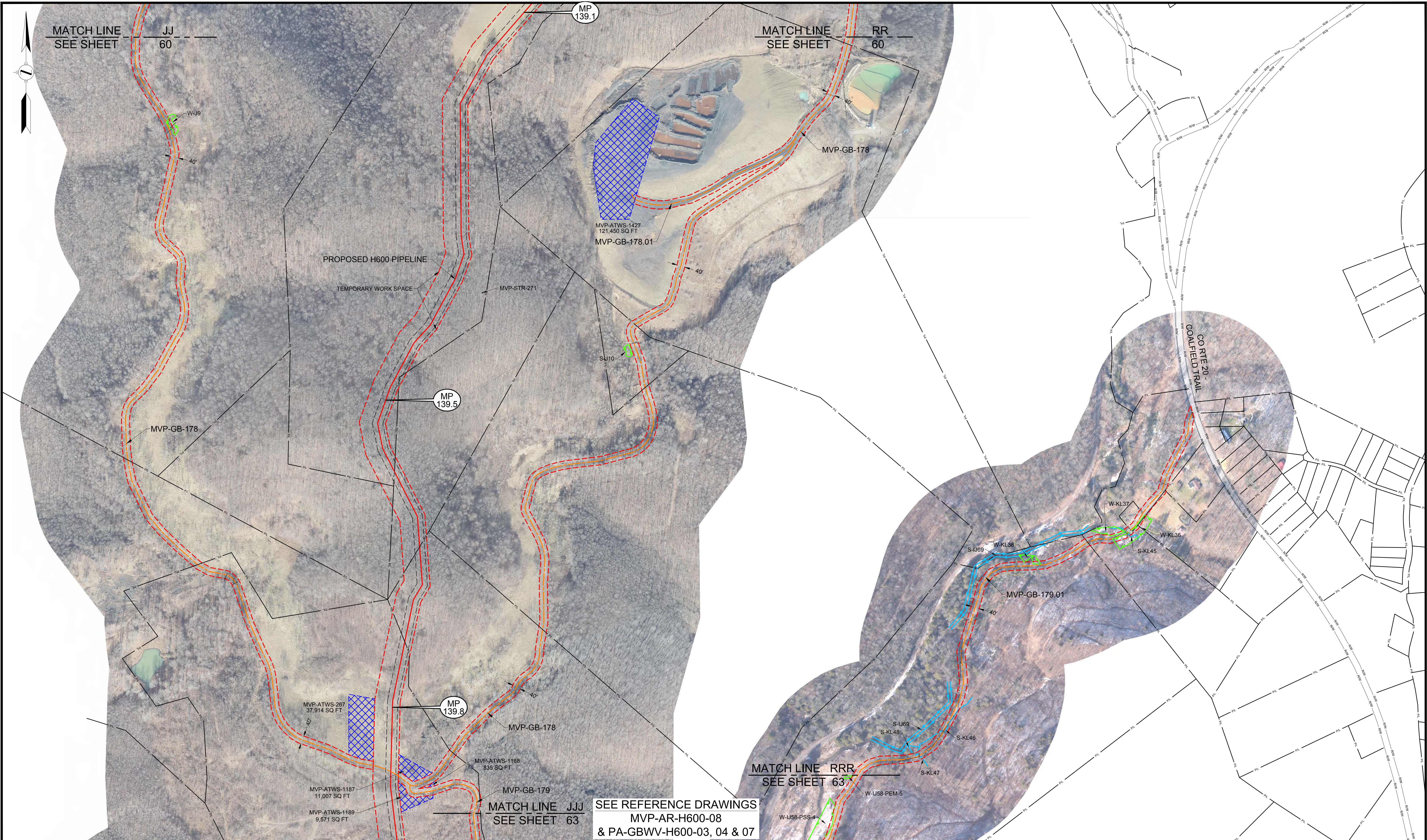
Mountain Valley PIPELINE

AERIAL DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

GREENBRIER 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

DRAWING NUMBER		TITLE		REV.		BY		DATE		DESCRIPTION	
MVP-AR-H600-08	OVERALL QUAD MAP	0	DRF	10-15-15	REV 4.0.0	ISSUED TO FERC					
PA-GBWV-H600-03	ALIGNMENT SHEET	1	DRF	01-13-16	FERC DATA REQUEST No. 1						
MVP-QDAR-H600-04	ACCESS ROAD DETAIL MAP	2	DRF	04-21-16	FERC DATA REQUEST No. 2						
MVP-QDAR-H600-03	ACCESS ROAD DETAIL MAP	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	11-27-17	ISSUED FOR CONSTRUCTION						

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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	5	JJS	11-27-17
4	RRR	10-14-16						
5	JJS	11-27-17						

HORZ. SCALE: 1" = 200'

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

DRAFTING CK:

ENGINEERING CK:

UIE JOB NO.:

AFEP.O.NO.:

HEI PROJECT NO.: 14-10-052

UIE FILE NO.:

DRAWING NO.: MVP-ADAR-H600-62

SHEET 62 OF 109 REV. 5

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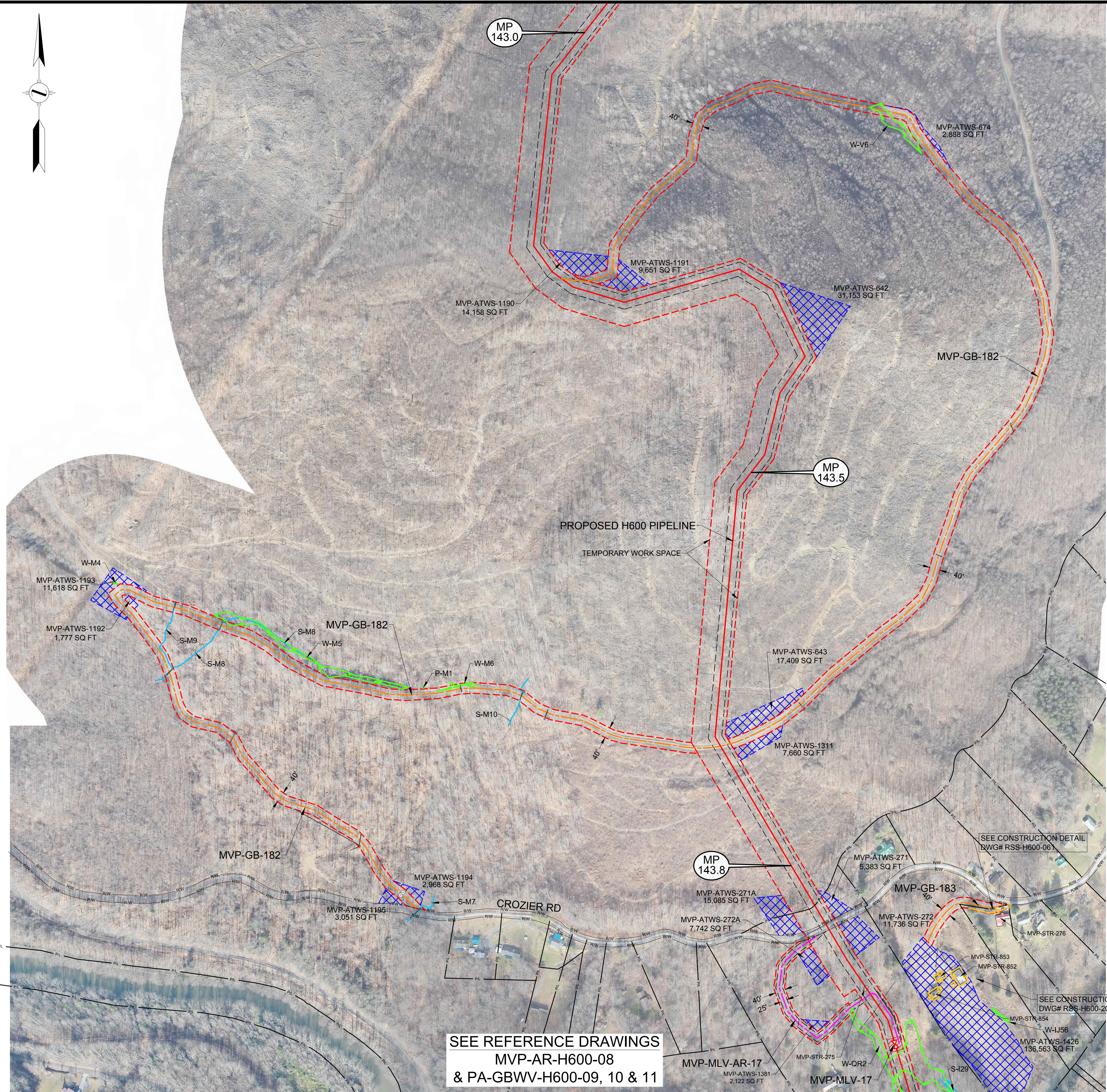
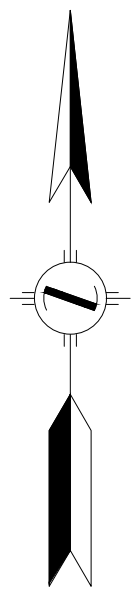
Mountain Valley PIPELINE

AERIAL DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

NICHOLAS COUNTY, W.V.



SEE REFERENCE DRAWINGS
MVP-AR-H600-08
& PA-GBWV-H600-09, 10 & 11

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

DRAWING NUMBER		TITLE	REV	BY	DATE	DESCRIPTION
RSS-H600-061	RESIDENTIAL SITE SPECIFIC	0	DRF	10-15-15	REV 4.0.0. ISSUED TO FERC	
RSS-H600-204	RESIDENTIAL SITE SPECIFIC	1	DRF	01-13-16	FERC DATA REQUEST No. 1	
MVP-AR-H600-08	OVERALL QUAD MAP	2	DRF	04-21-16	FERC DATA REQUEST No. 2	
PA-GBWV-H600-11	ALIGNMENT SHEET	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	11-27-17	ISSUED FOR CONSTRUCTION	

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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	5	JJS	11-27-17
4	RRR	10-14-16						
5	JJS	11-27-17						

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-ADAR-H600-64

SHEET 64 OF 109 REV. 5

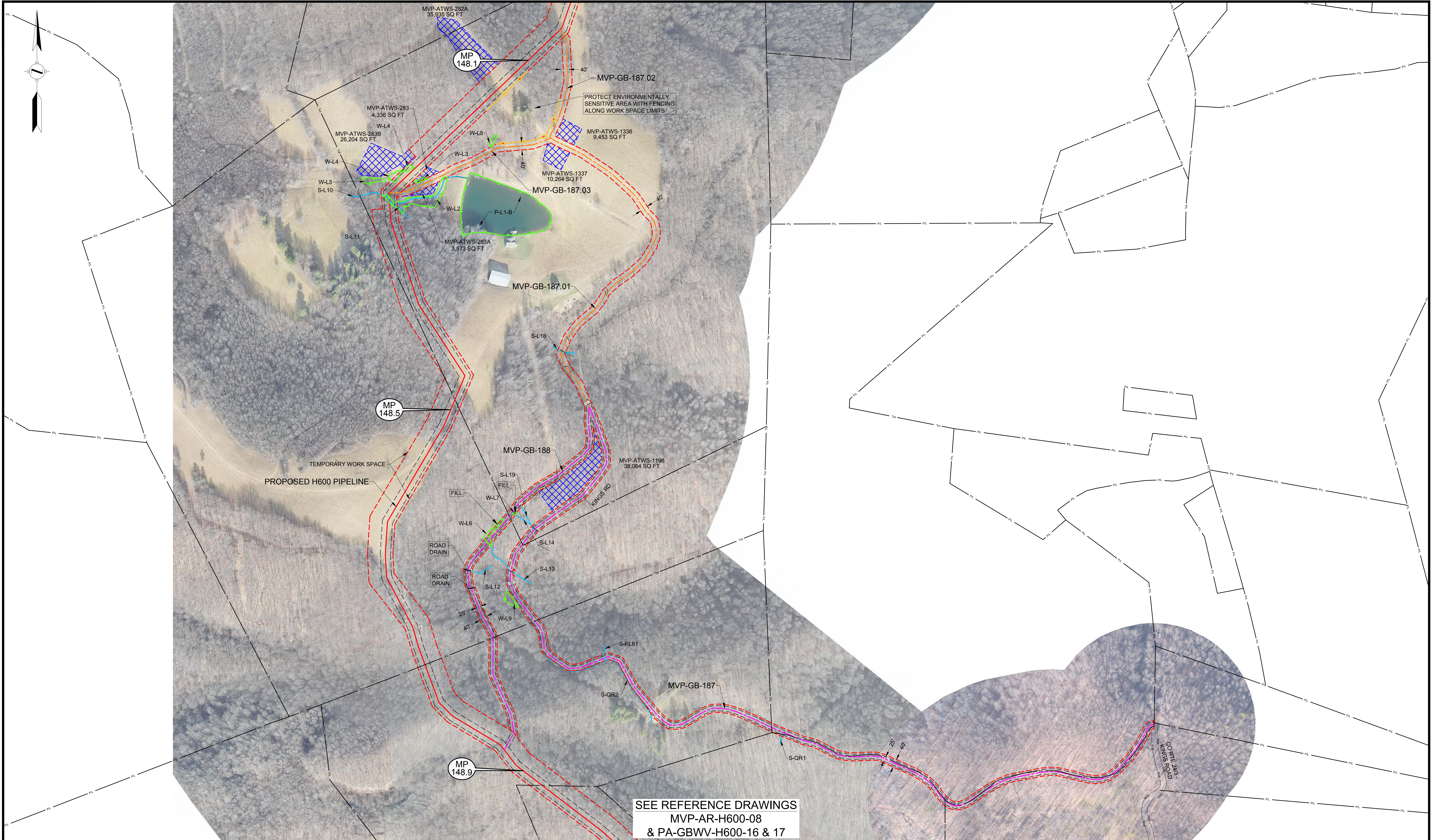
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AERIAL DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

GREENBRIER COUNTY, W.V.



LEGEND	
	PERMANENT ACCESS ROAD
	TEMPORARY ACCESS ROAD
	PROPOSED H600 PIPELINE
	PROPOSED PERMANENT EASEMENT
	TEMPORARY WORK SPACE
	ADDITIONAL TEMPORARY WORK SPACE
	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-H600-08	OVERALL QUAD MAP
PA-GBWV-H600-16	ALIGNMENT SHEET
PA-GBWV-H600-17	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 11-27-17 ISSUED FOR CONSTRUCTION

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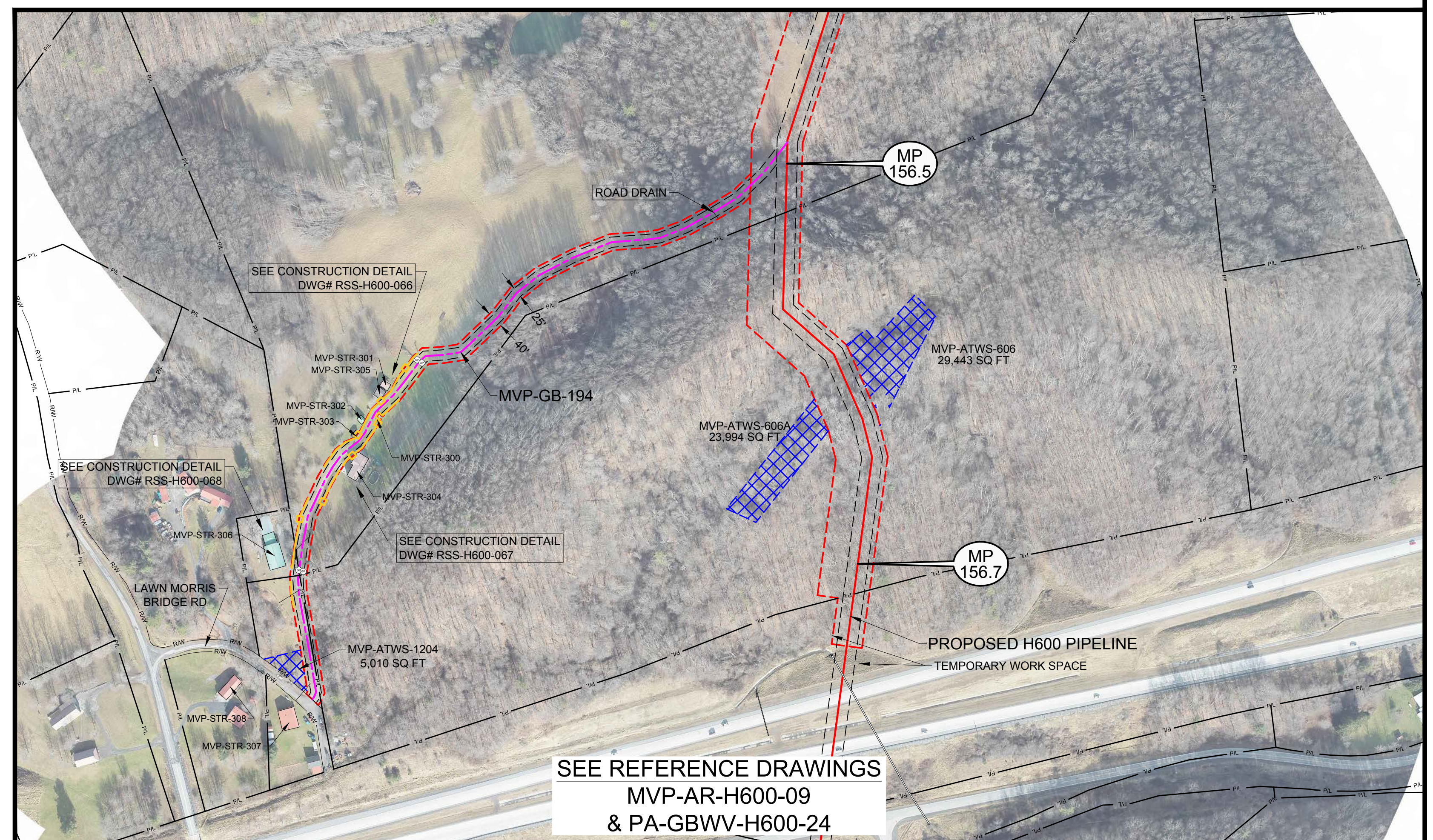
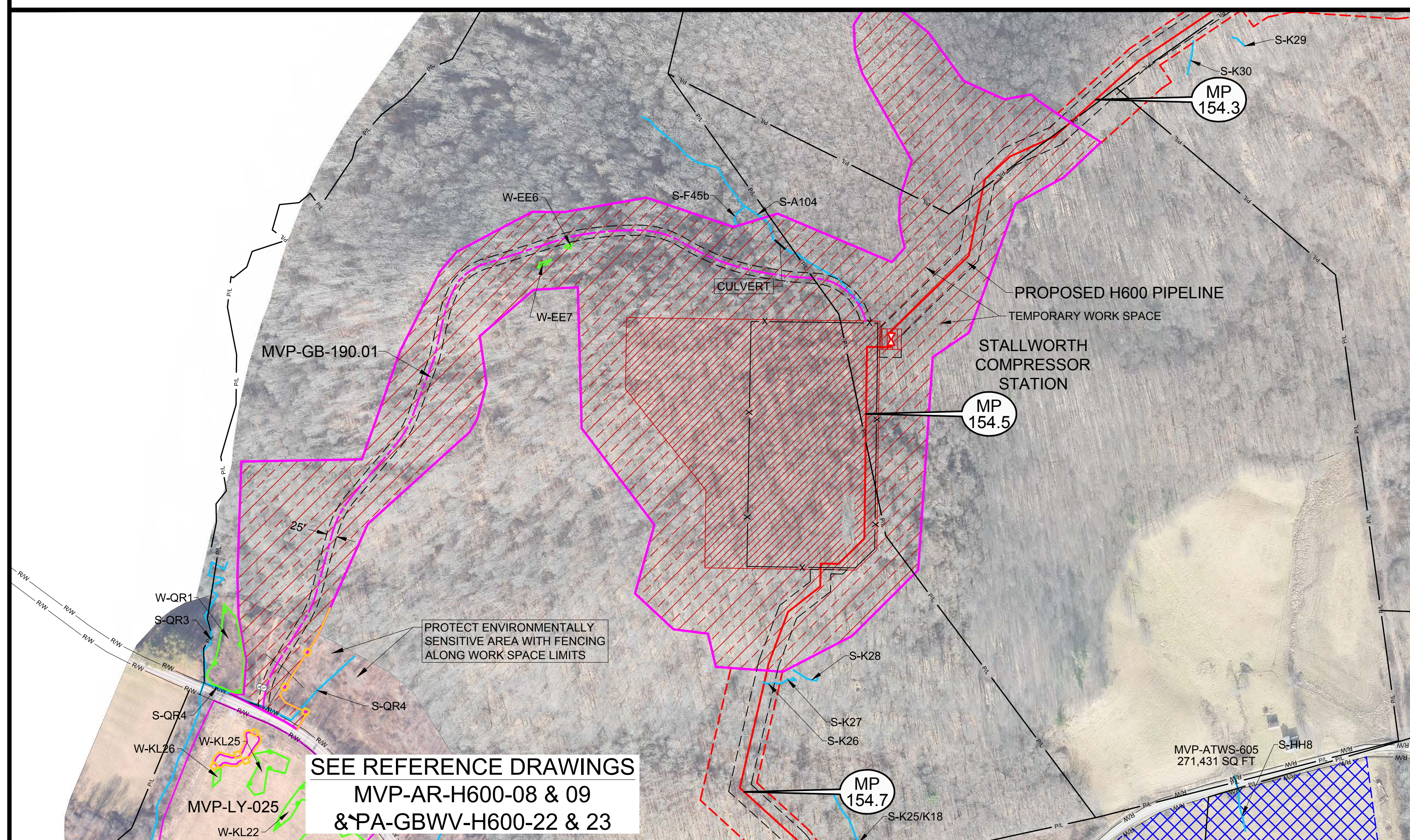
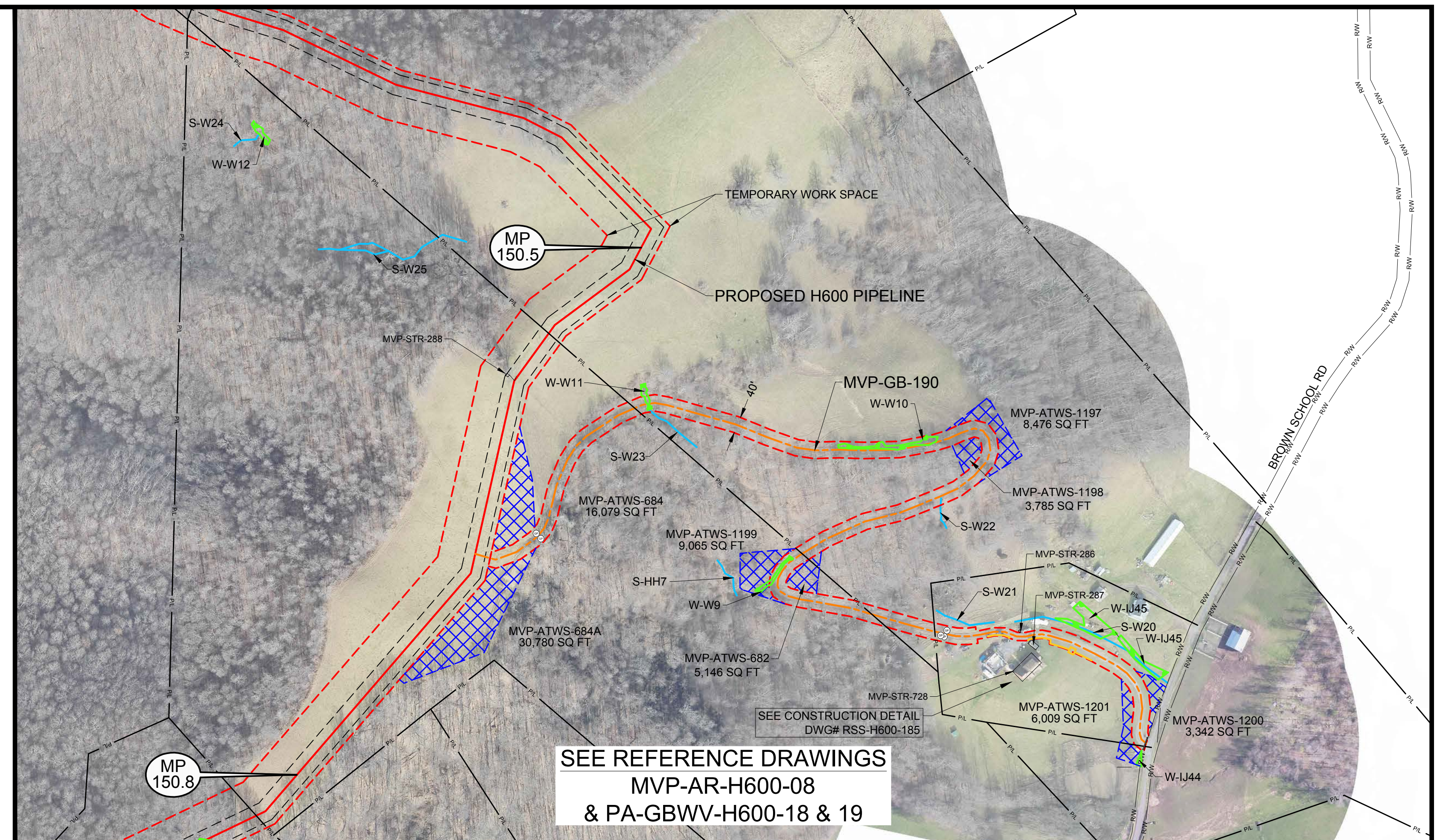
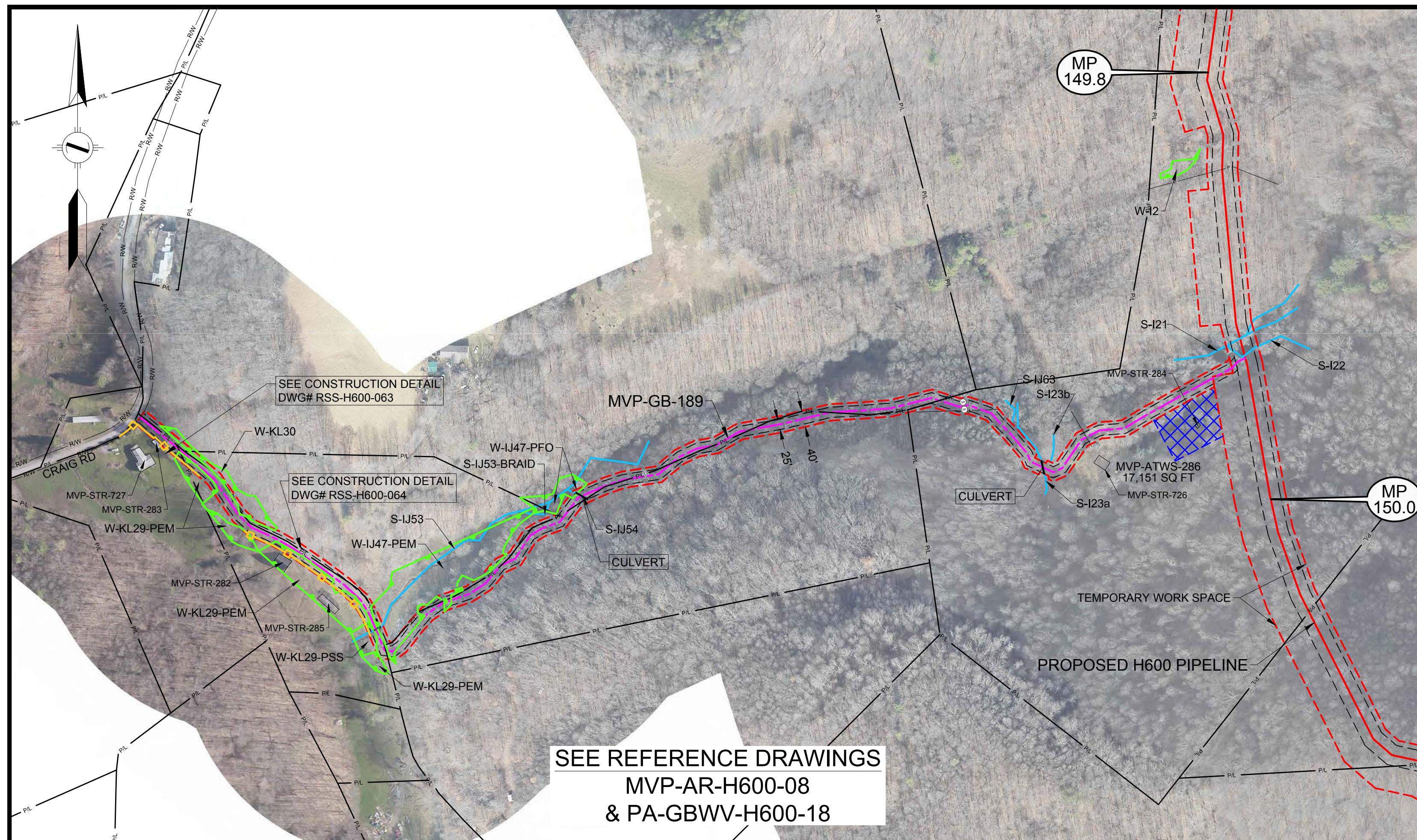
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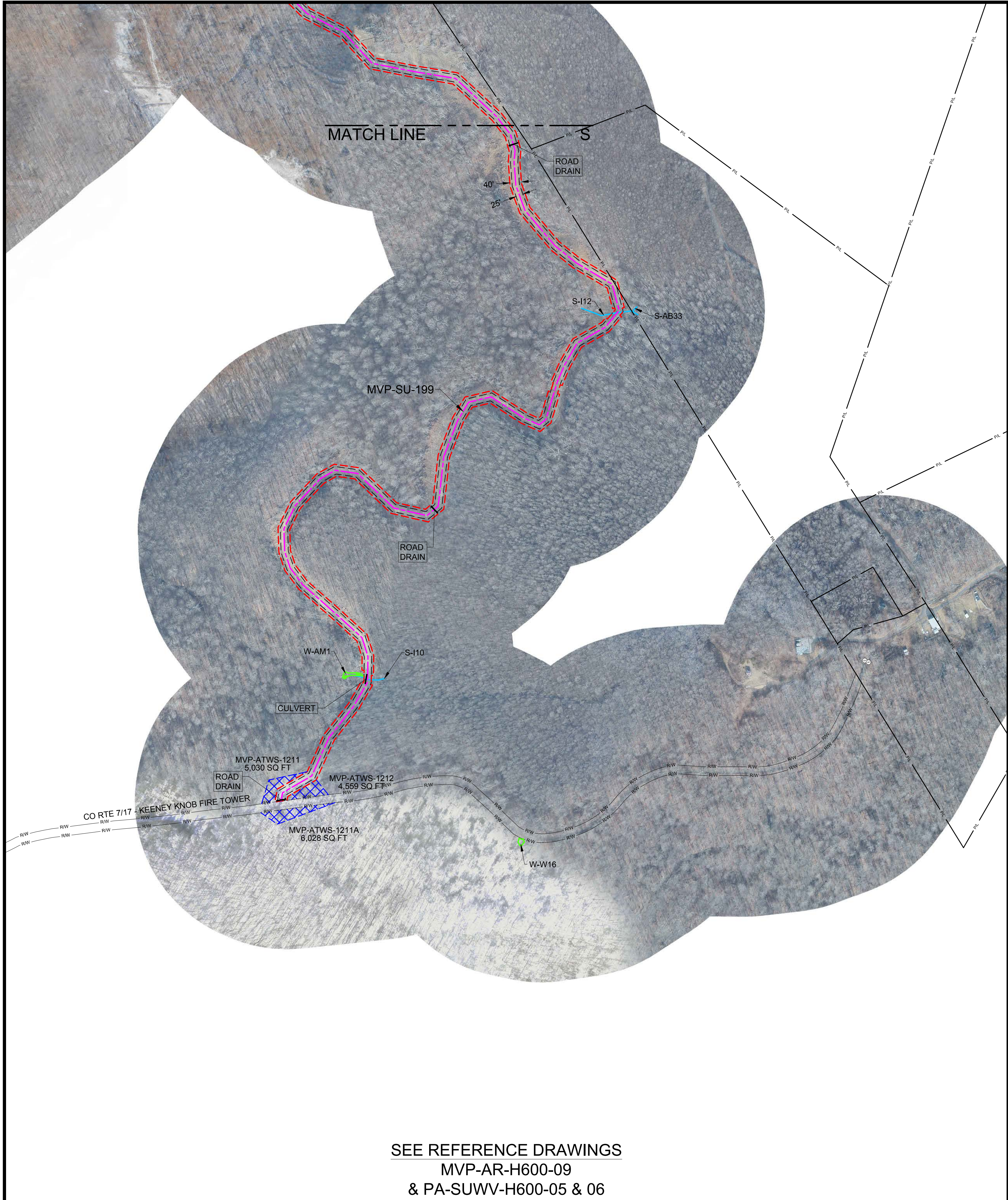
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REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
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4	RRR	10-14-16						
5	JJS	11-27-17						

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-ADAR-H600-65
SHEET	65 OF 109
REV. 5	
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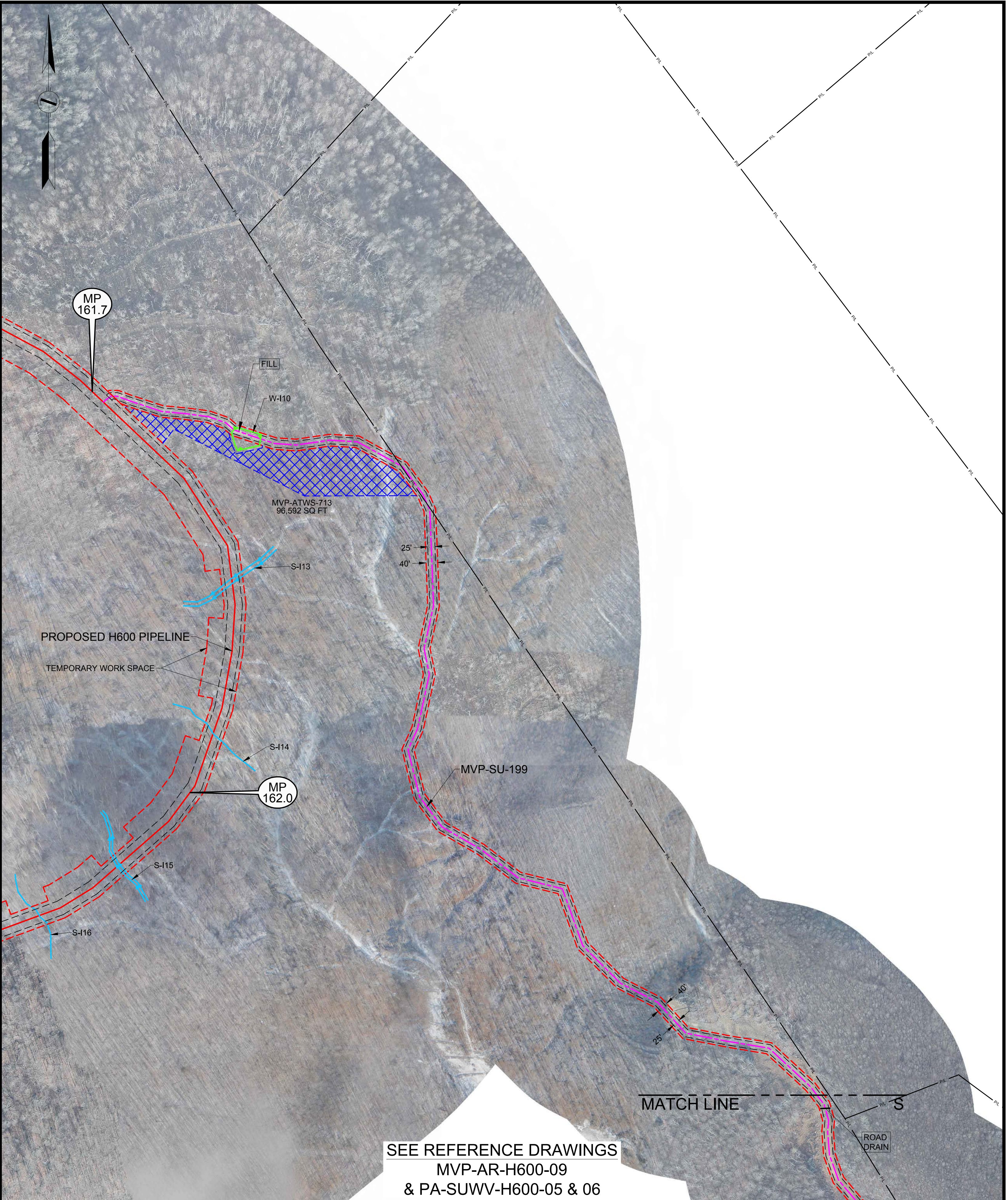
AERIAL DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
GREENBRIER COUNTY, W.V.



LEGEND	
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SEE REFERENCE DRAWINGS
MVP-AR-H600-09
& PA-SUWV-H600-05 & 06



SEE REFERENCE DRAWINGS
MVP-AR-H600-09
& PA-SUWV-H600-05 & 06

LEGEND	
	PERMANENT ACCESS ROAD
	TEMPORARY ACCESS ROAD
	PROPOSED H600 PIPELINE
	PROPOSED PERMANENT EASEMENT
	TEMPORARY WORK SPACE
	ADDITIONAL TEMPORARY WORK SPACE
	STUDY CORRIDOR
	WETLAND
	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-H600-09	OVERALL QUAD MAP
PA-SUWV-H600-05	ALIGNMENT SHEET

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	11-27-17	ISSUED FOR CONSTRUCTION

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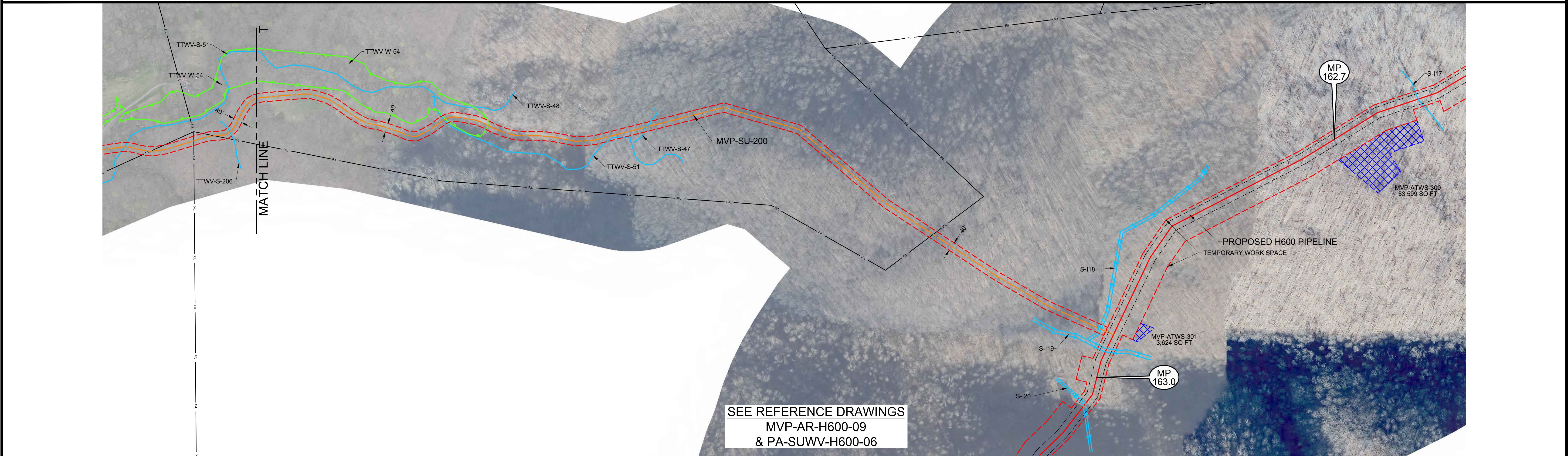
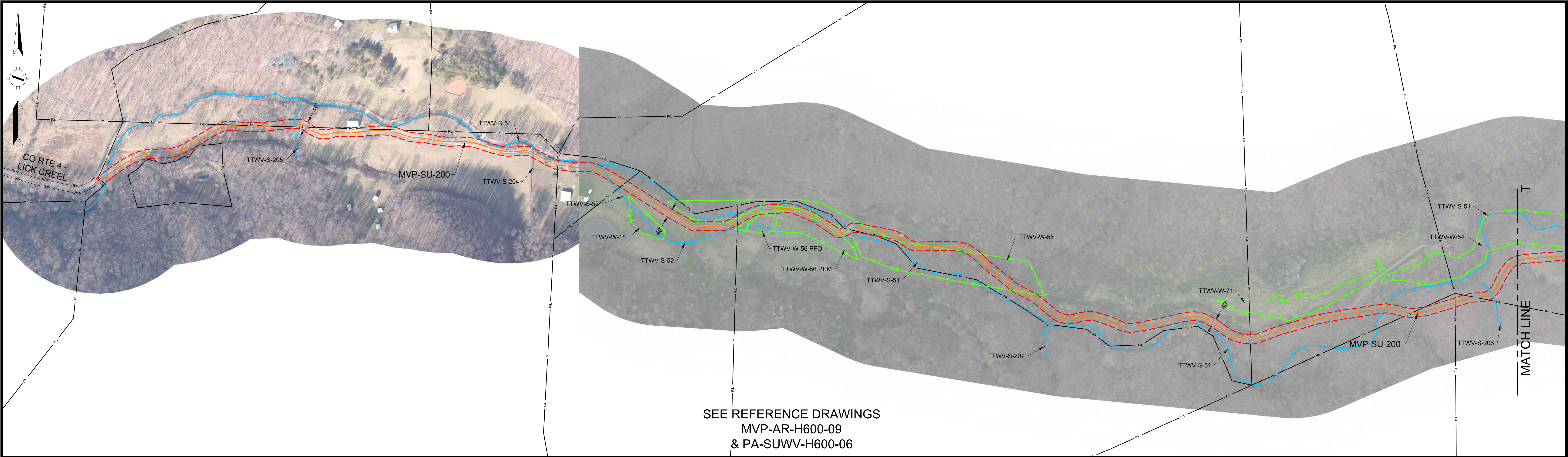
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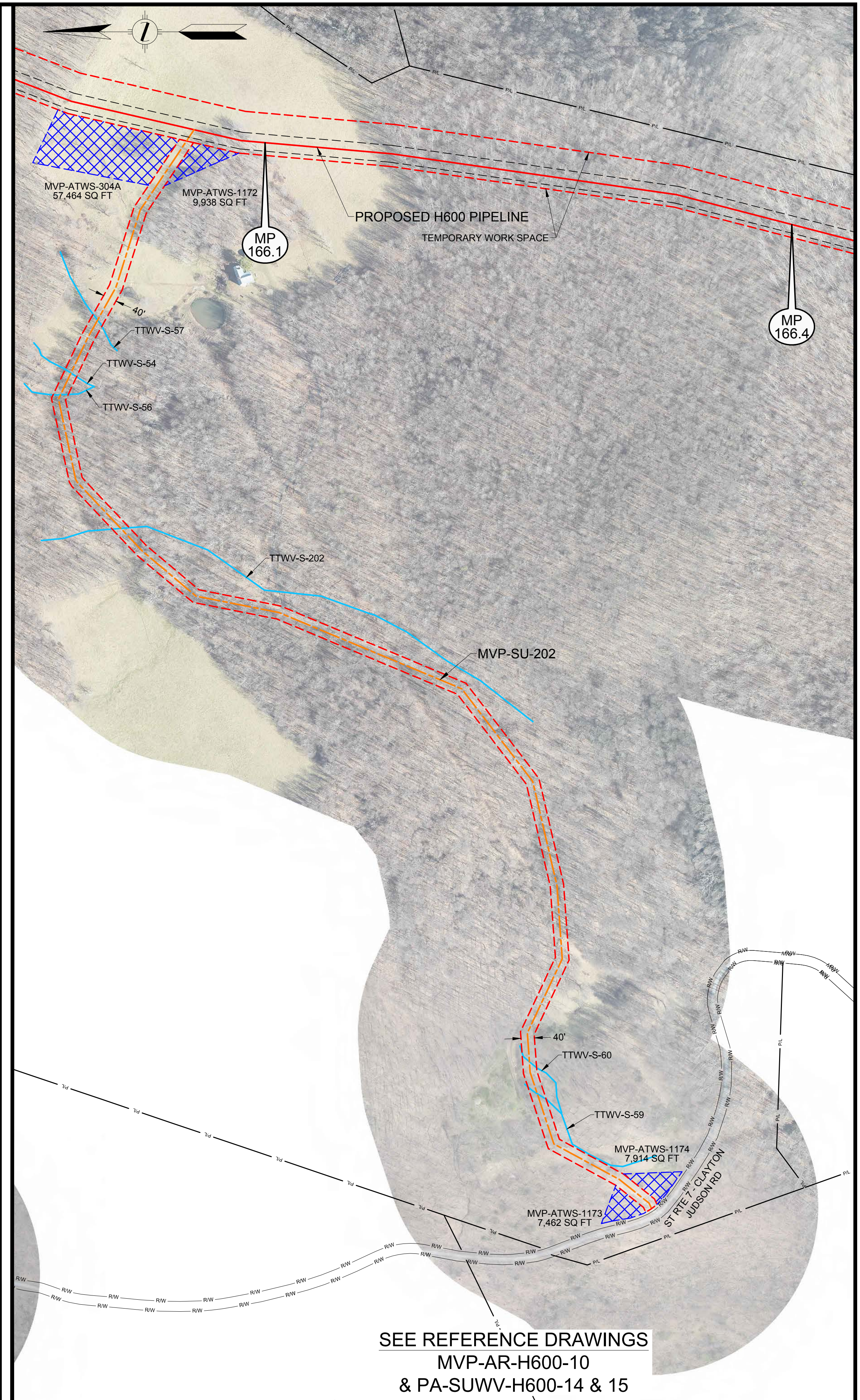
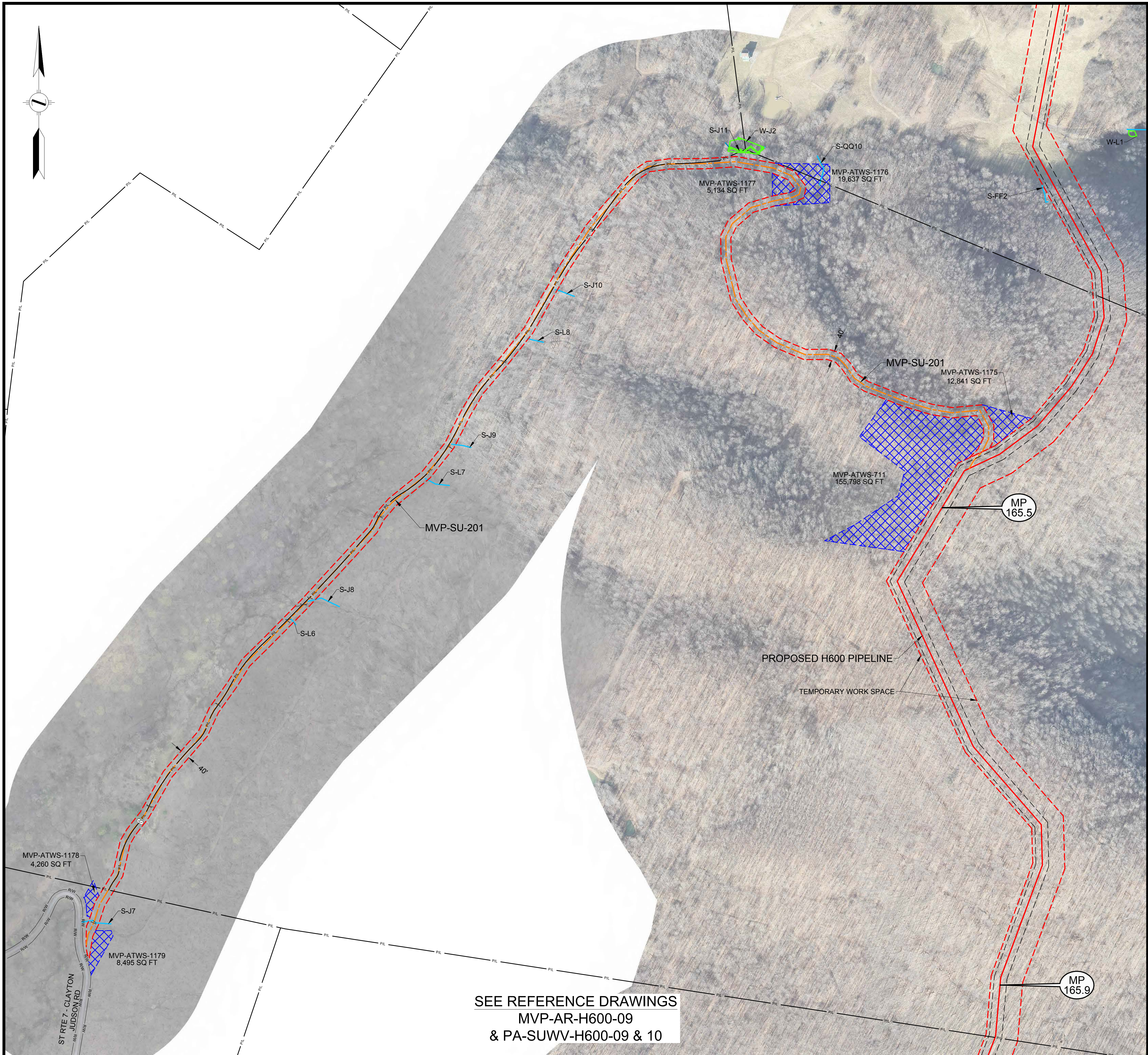
APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16	5	JJS	11-27-17
4	RRR	10-14-16						
5	JJS	11-27-17						

HORIZ. 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-H600-68
SHEET 68 OF 109	REV. 5
DATE OF PLOT:	11/15/17 4:35 PM

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



LEGEND		REFERENCE DRAWINGS		REVISIONS		APPROVED FOR FERC		APPROVED FOR BIDDING		APPROVED FOR CONSTRUCTION		HORIZ. SCALE: 1" = 200'		Mountain Valley PIPELINE	
PERMANENT ACCESS ROAD		DRAWING NUMBER	TITLE	REV.	BY	DATE	DESCRIPTION	REV.	BY	DATE	DESCRIPTION	DRAWN BY: HEI(DRF)	04/22/16	AERIAL DETAILS PROPOSED ACCESS ROADS MVP PIPELINE PROJECT - H600 LINE SUMMERS COUNTY, W.V.	
TEMPORARY ACCESS ROAD		MVP-AR-H600-09	OVERALL QUAD MAP	0	DRF	10-15-15	REV 4.0.0. ISSUED TO FERC	3	RRR	09-03-16		ENGINEERING CK:			
PROPOSED H600 PIPELINE		PA-SUWV-H600-06	ALIGNMENT SHEET	1	DRF	01-13-16	FERC DATA REQUEST No.1	4	RRR	10-14-16		UIE JOB NO.:		MVP-ADAR-H600-69	
PROPOSED PERMANENT EASEMENT				2	DRF	04-21-16	FERC DATA REQUEST No.2	5	JJS	11-27-17		AFEP/O NO.:			
TEMPORARY WORK SPACE				3	DRF	09-03-16	REV 4.1.13 ISSUED FOR BID					HEI PROJECT NO.:	14-10-052	SHEET 69 OF 109	
ADDITIONAL TEMPORARY WORK SPACE				4	DRF	10-14-16	OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC					UIE FILE NO.:			
STUDY CORRIDOR				5	DRF	11-27-17	ISSUED FOR CONSTRUCTION					DRAWING NO.:		REV. 5	
WETLAND												DATE OF PLOT:	11/15/17 4:35 PM		
PROPERTY LINE														www.hollandengineering.com	
ROAD RIGHT-OF-WAY LINE															
GATE - GATE POST														220 Hoover Boulevard, Suite 2 Holland, Michigan 49423-3766 T 616-392-5938 F 616-392-2116	
CULVERT															
PIPELINE MARKER														28555 Evergreen Rd., Suite. 430 Southfield, Michigan 48076 T 248-827-7322 F 248-827-7549	
OVERHEAD POWER LINE															



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	DESCRIPTION	DRAWN BY: HEI(DRF)	04/22/15
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	PROPOSED H600 PIPELINE	PA-SUWV-H600-09	ALIGNMENT SHEET	1	DRF	01-13-16	FERC DATA REQUEST No. 1	4	RRR	10-14-16	5	JJS	11-27-17
	PROPOSED PERMANENT EASEMENT	PA-SUWV-H600-10	ALIGNMENT SHEET	2	DRF	04-21-16	FERC DATA REQUEST No. 2						
	TEMPORARY WORK SPACE			3	DRF	09-03-16	REV 4.1.13 ISSUED FOR BID						
	ADDITIONAL TEMPORARY WORK SPACE			4	DRF	10-14-16	OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC						
	STUDY CORRIDOR			5	DRF	11-27-17	ISSUED FOR CONSTRUCTION						
	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
4	RRR	10-14-16
5	JJS	11-27-17

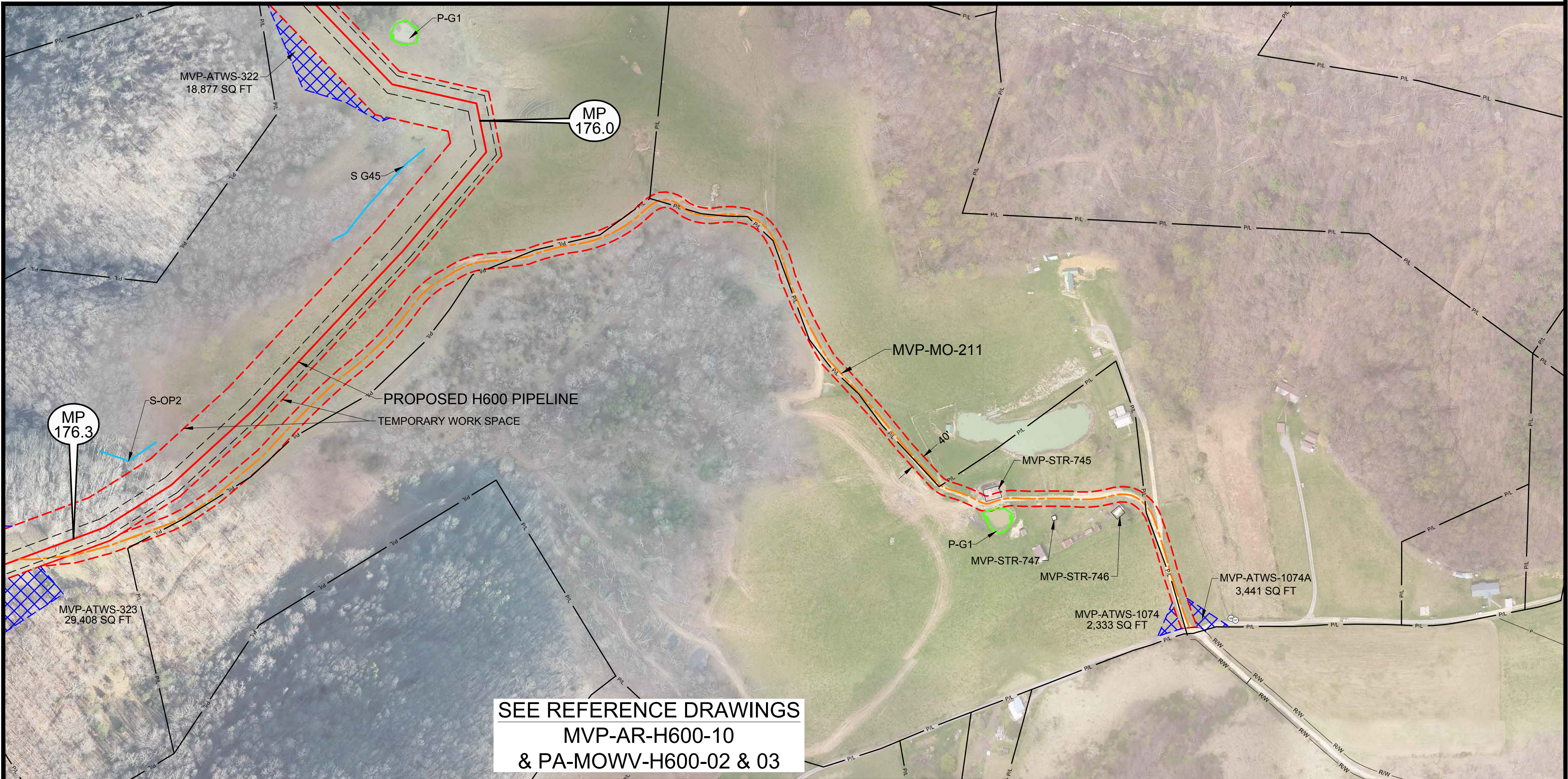
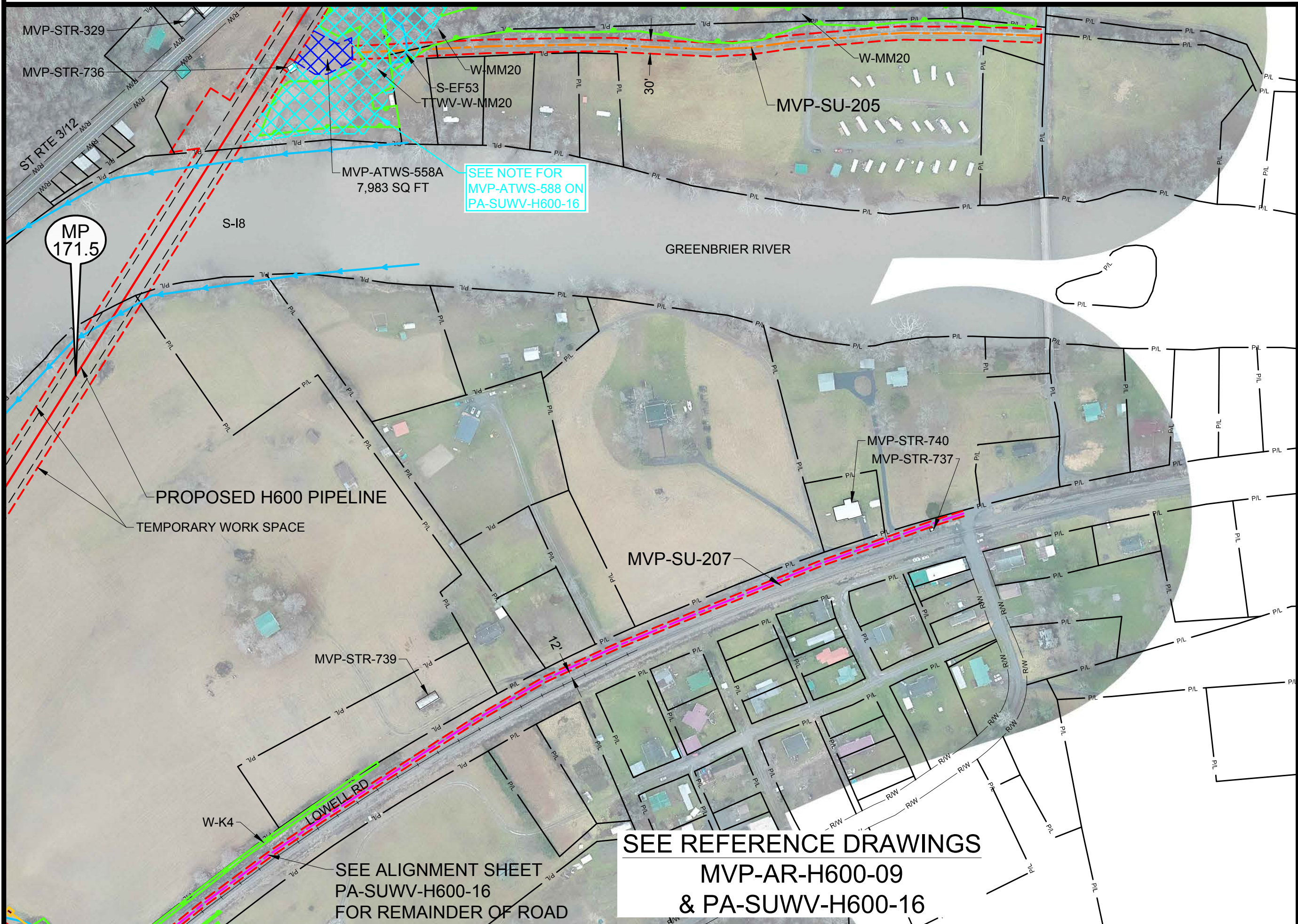
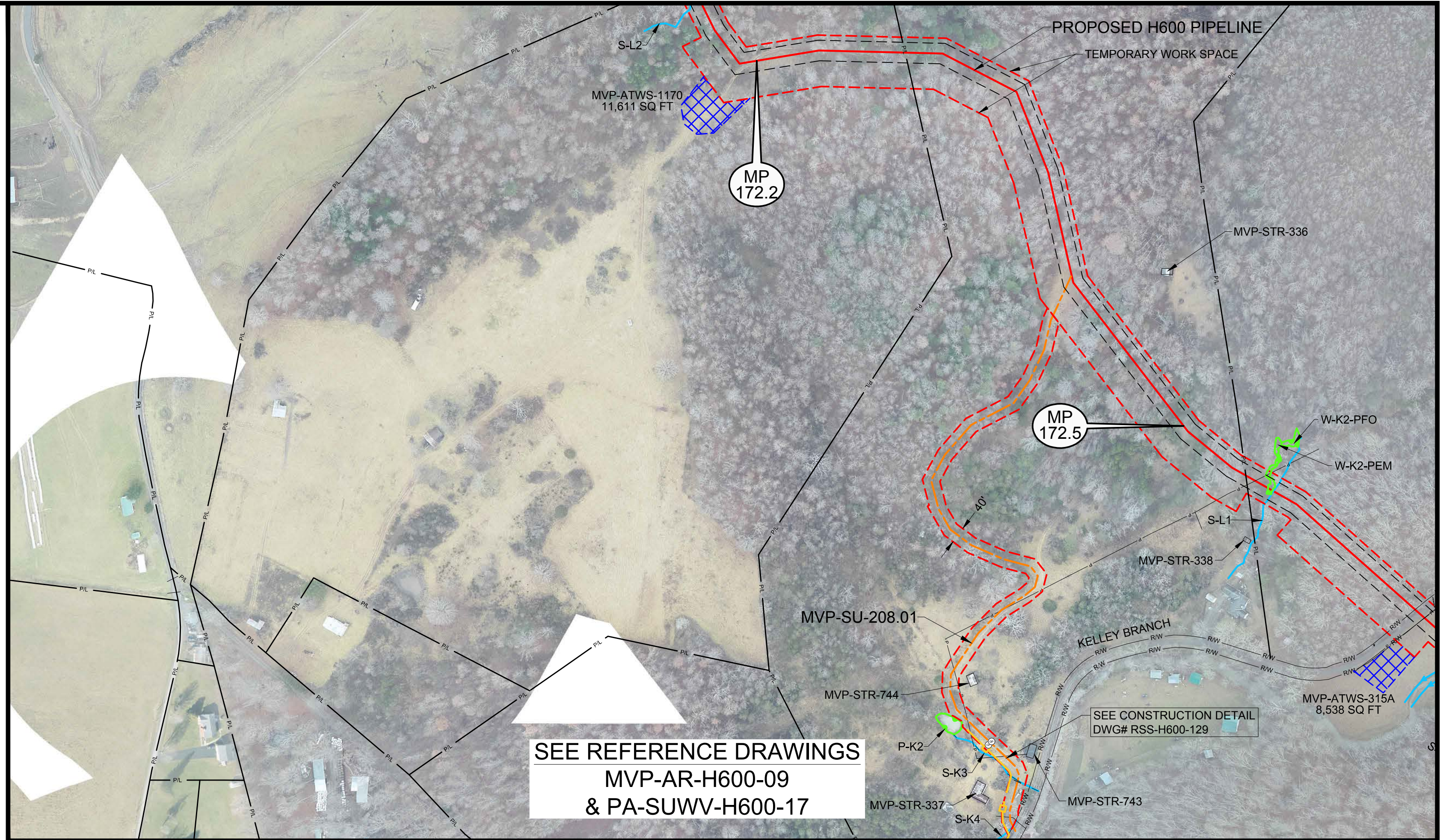
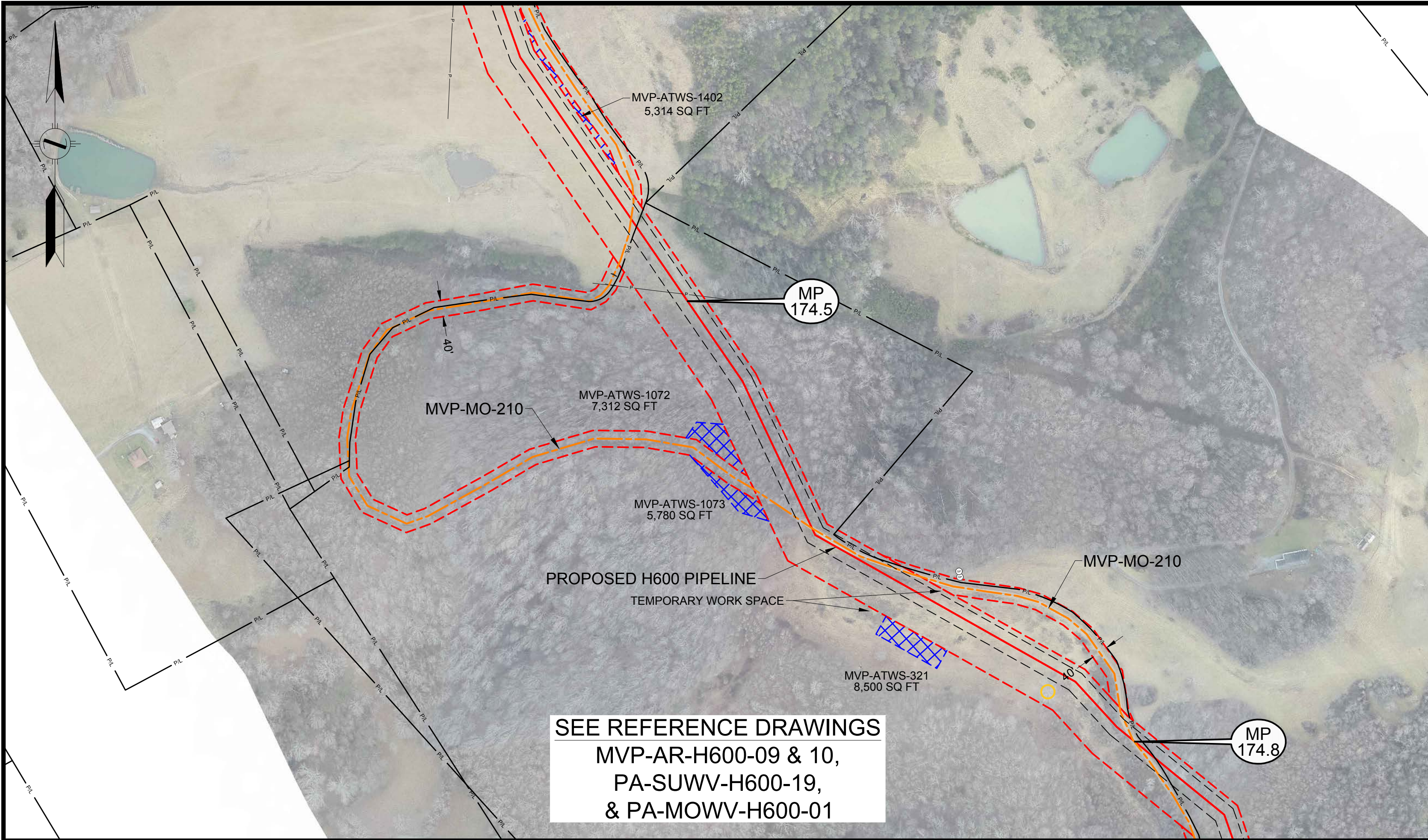
REV.	BY	DATE
3	RRR	09-03-16
5	JJS	11-27-17

REV.	BY	DATE
5	JJS	11-27-17

HEI PROJECT NO.: 14-10-052
DRAFTING CK: .
ENGINEERING CK: .
UIE JOB NO.: .
AFEP/O NO.: .
DRAFTING NO.: MVP-ADAR-H600-70
SHEET 70 OF 109
DATE OF PLOT: 11/15/17 4:35 PM

Mountain Valley PIPELINE

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



LEGEND	
	PERMANENT ACCESS ROAD
	TEMPORARY ACCESS ROAD
	PROPOSED H600 PIPELINE
	PROPOSED PERMANENT EASEMENT
	TEMPORARY WORK SPACE
	ADDITIONAL TEMPORARY WORK SPACE
	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-H600-129	RESIDENTIAL SITE SPECIFIC
MVP-AR-H600-09	OVERALL QUAD MAP
MVP-AR-H600-10	OVERALL QUAD MAP
PA-SUWV-H600-15	ALIGNMENT SHEET
PA-SUWV-H600-16	ALIGNMENT SHEET
PA-SUWV-H600-17	ALIGNMENT SHEET
PA-MOWV-H600-01	ALIGNMENT SHEET
PA-MOWV-H600-03	ALIGNMENT SHEET

REVISIONS			
REV	BY	DATE	DESCRIPTION
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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
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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	5	JJS	11-27-17
4	RRR	10-14-16						
5	JJS	11-27-17						

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-H600-71
SHEET	71 OF 109
REV. 5	
DATE OF PLOT:	12/12/17 3:12 PM

AERIAL DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
SUMMERS & MONROE CO'S, 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

DRAWING NUMBER		REFERENCE DRAWINGS		REVISIONS	
REV.	DATE	TITLE	REV.	DATE	DESCRIPTION
0	10-15-15	OVERALL QUAD MAP	0	10-15-15	REV 4.0.0. ISSUED TO FERC
1	01-13-16	PA-MOWV-H600-03	1	01-13-16	FERC DATA REQUEST No. 1
2	04-21-16		2	04-21-16	FERC DATA REQUEST No. 2
3	09-03-16		3	09-03-16	REV 4.1.13 ISSUED FOR BID
4	10-14-16		4	10-14-16	OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC
5	11-27-17		5	11-27-17	ISSUED FOR CONSTRUCTION

HOLLAND ENGINEERING

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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	5	JJS	11-27-17
4	RRR	10-14-16						
5	JJS	11-27-17						

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-ADAR-H600-72

SHEET 72 OF 109 REV. 5

DATE OF PLOT: 11/15/17 4:37 PM

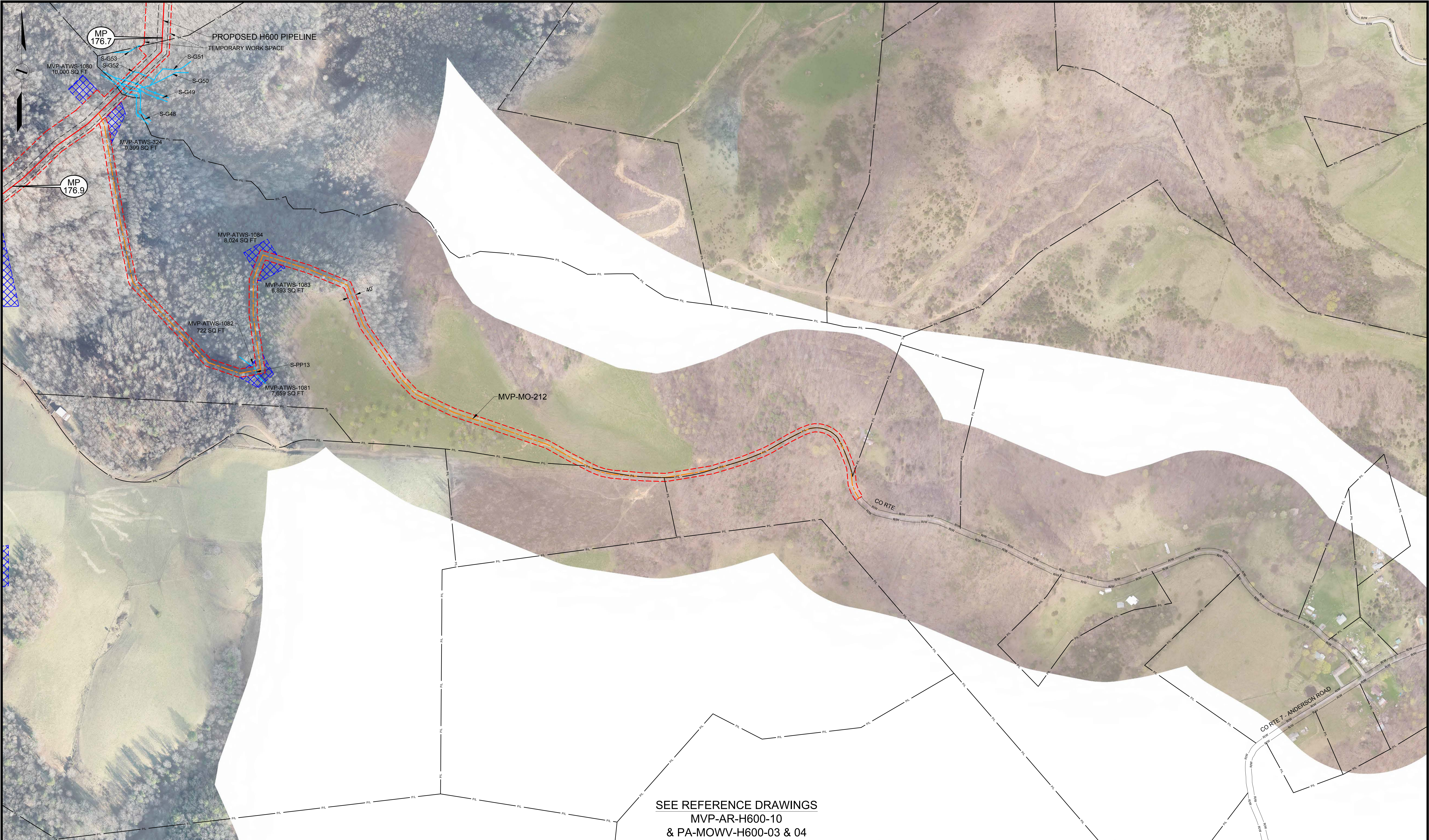
Mountain Valley PIPELINE

AERIAL DETAILS

PROPOSED ACCESS ROADS

MVP PIPELINE PROJECT - H600 LINE

MONROE COUNTY, W.V.



SEE REFERENCE DRAWINGS
MVP-AR-H600-10
& PA-MOWV-H600-03 & 04

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-H600-10	OVERALL QUAD MAP
PA-MOWV-H600-03	ALIGNMENT SHEET

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	11-27-17	ISSUED FOR CONSTRUCTION

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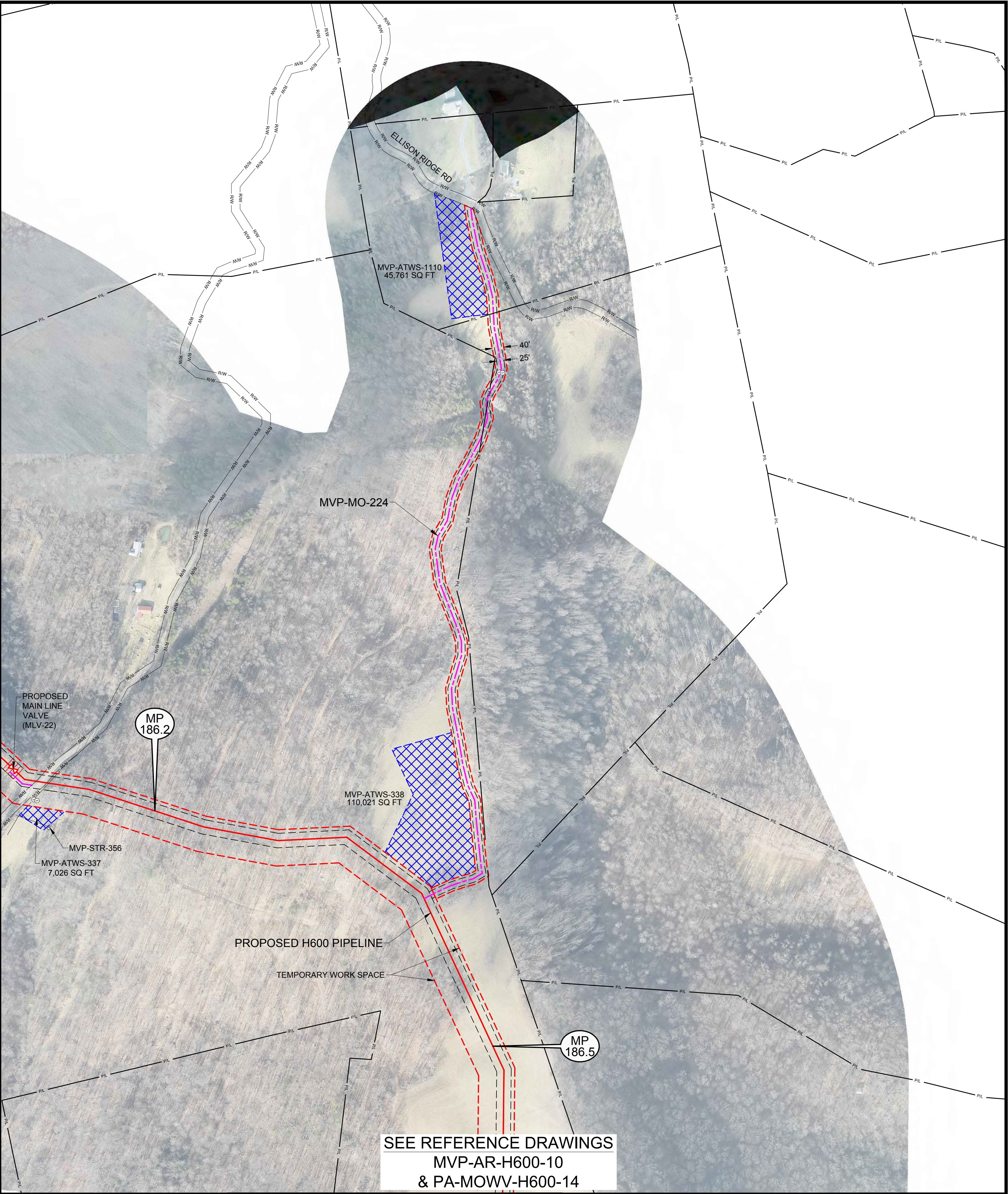
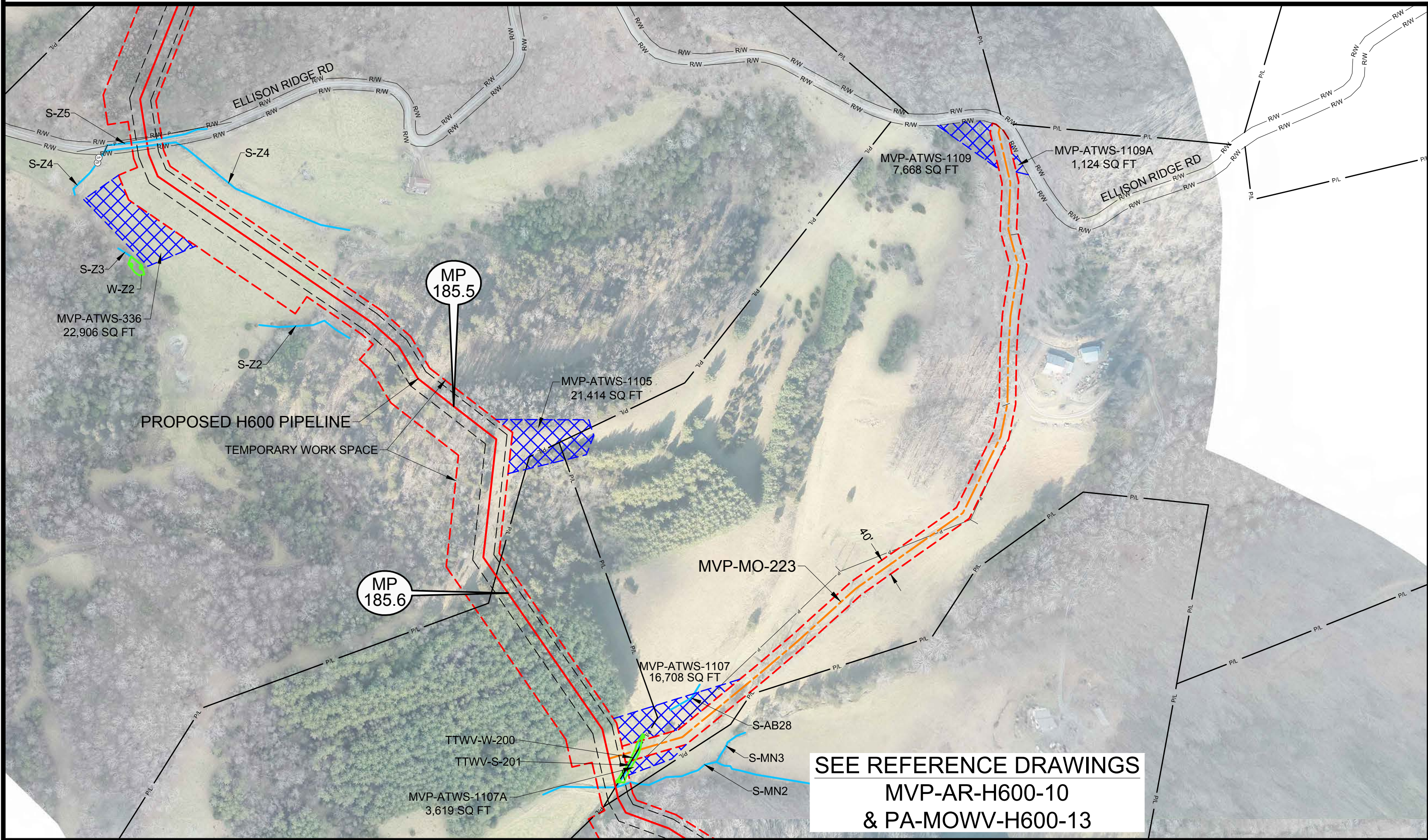
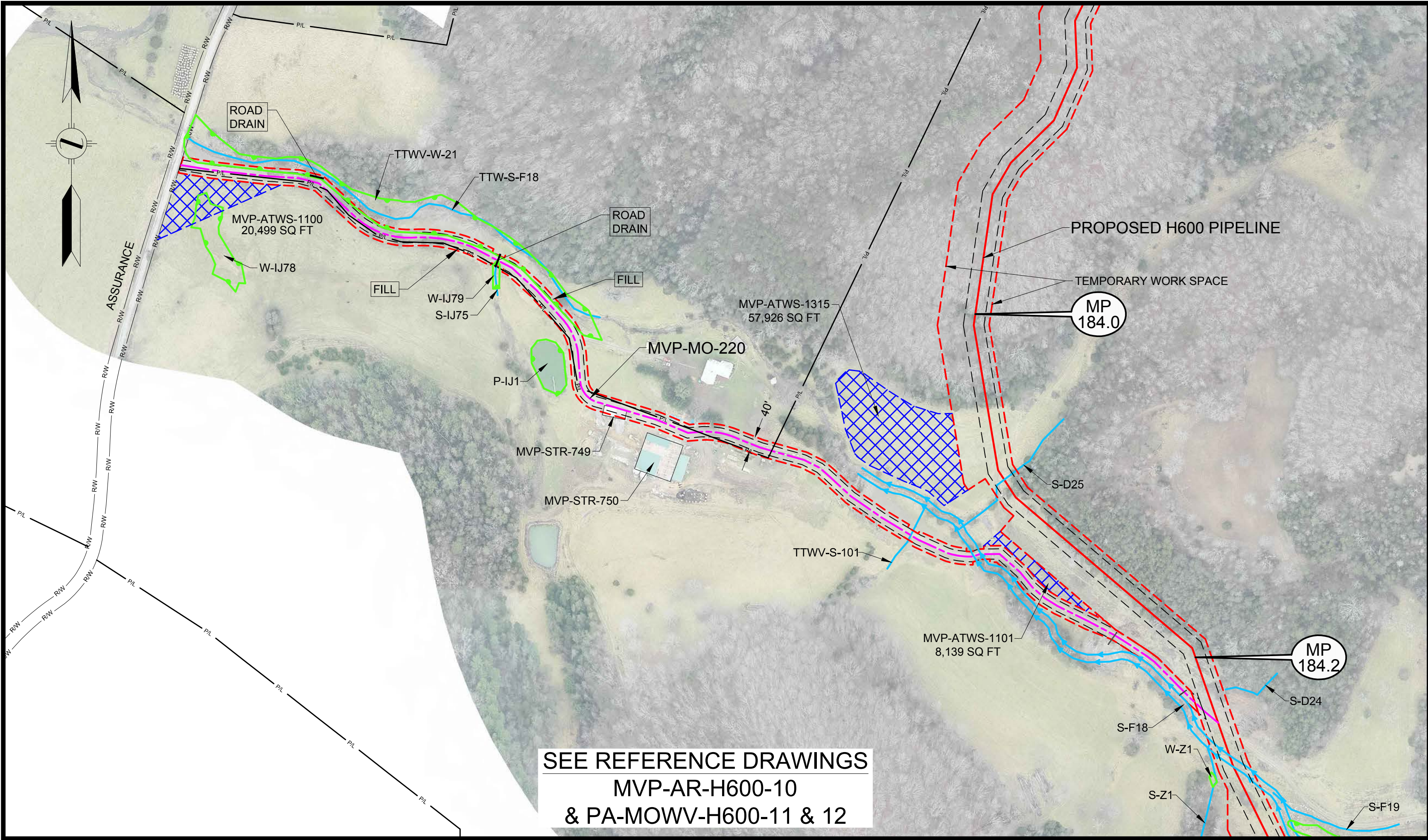
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APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16	5	JJS	11-27-17
4	RRR	10-14-16						
5	JJS	11-27-17						

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-H600-73
SHEET 73 OF 109	REV. 5
DATE OF PLOT:	11/15/17 4:37 PM

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



LEGEND	
	PERMANENT ACCESS ROAD
	TEMPORARY ACCESS ROAD
	PROPOSED H600 PIPELINE
	PROPOSED PERMANENT EASEMENT
	TEMPORARY WORK SPACE
	ADDITIONAL TEMPORARY WORK SPACE
	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-H600-10	OVERALL QUAD MAP
PA-MOWV-H600-12	ALIGNMENT SHEET
PA-MOWV-H600-13	ALIGNMENT SHEET
PA-MOWV-H600-14	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 11-27-17 ISSUED FOR CONSTRUCTION

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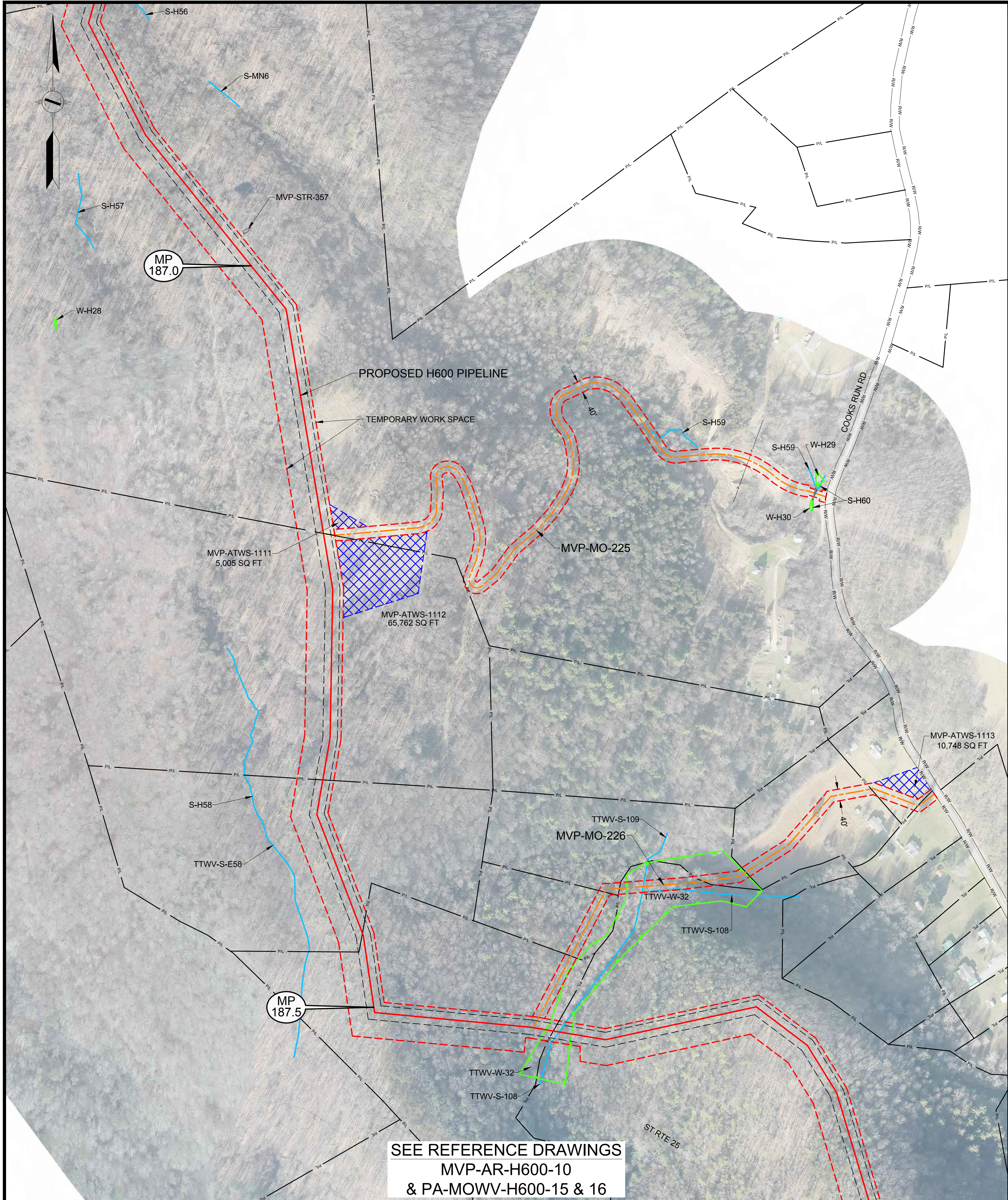
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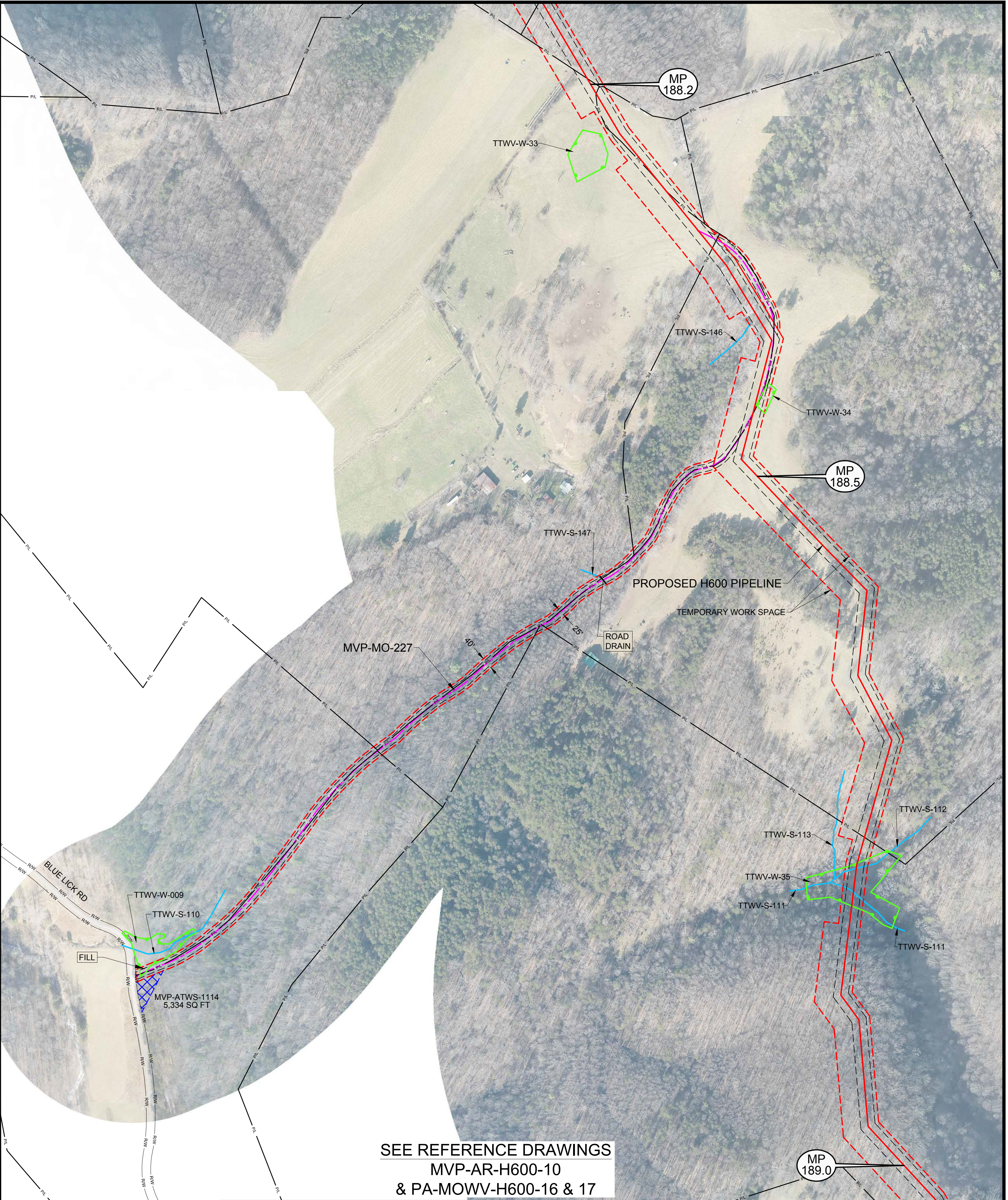
APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16	5	JJS	11-27-17
4	RRR	10-14-16						
5	JJS	11-27-17						

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-H600-75
SHEET 75 OF 109	REV. 5
DATE OF PLOT:	11/15/17 4:38 PM

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



SEE REFERENCE DRAWINGS
MVP-AR-H600-10
& PA-MOWV-H600-15 & 16



SEE REFERENCE DRAWINGS
MVP-AR-H600-10
& PA-MOWV-H600-16 & 17

LEGEND	
	PERMANENT ACCESS ROAD
	PROPOSED H600 PIPELINE
	PROPOSED PERMANENT EASEMENT
	TEMPORARY WORK SPACE
	ADDITIONAL TEMPORARY WORK SPACE
	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-H600-10	OVERALL QUAD MAP
PA-MOWV-H600-15	ALIGNMENT SHEET
PA-MOWV-H600-16	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 11-27-17 ISSUED FOR CONSTRUCTION

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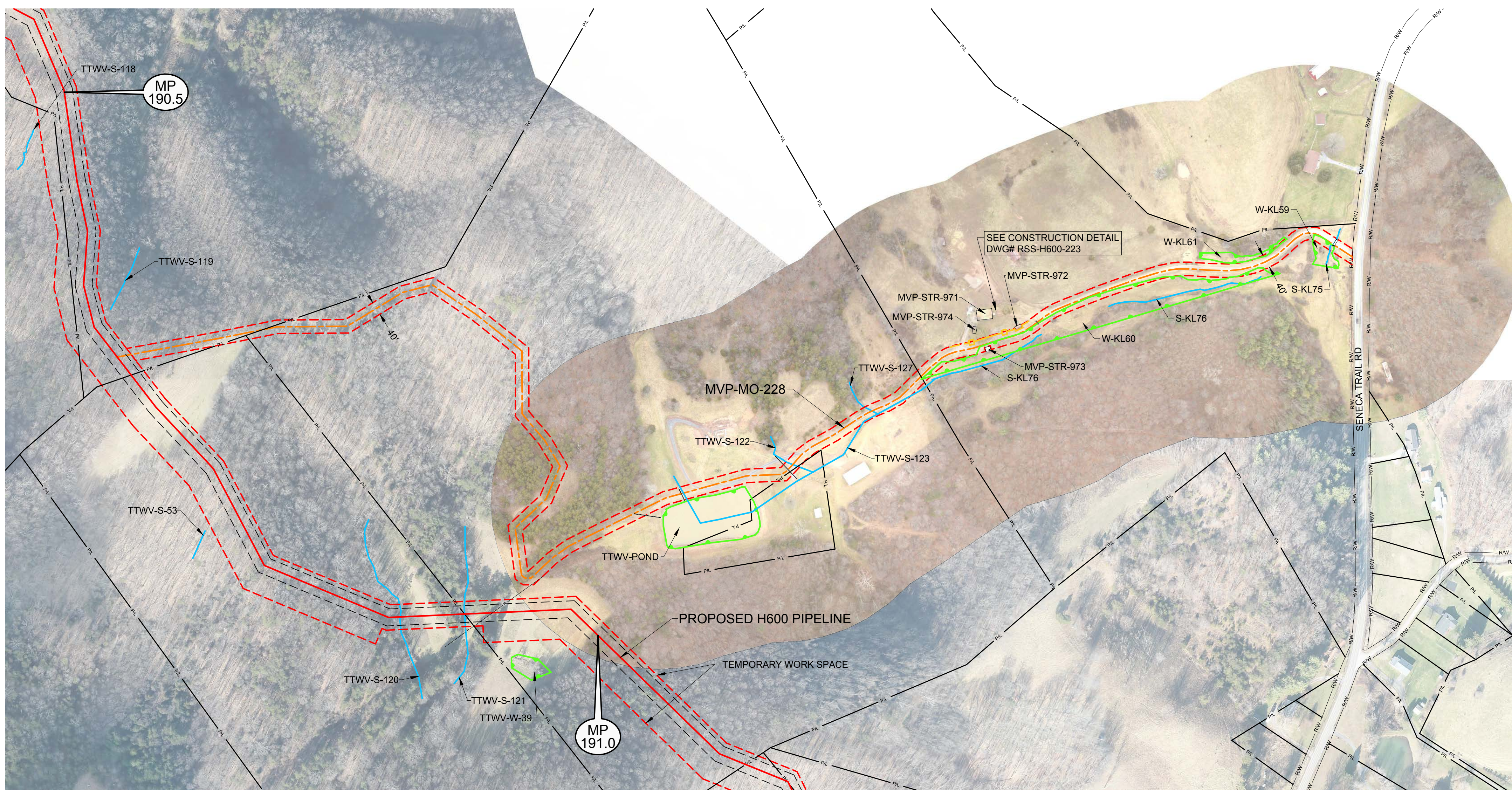
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REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16	5	JJS	11-27-17
4	RRR	10-14-16						
5	JJS	11-27-17						

HORIZ. SCALE: 1" = 200'
DRAWN BY: HEI(DRF)
DRAFTING CK:
ENGINEERING CK:
UIE JOB NO.:
AFE/P.O. NO.:
HEI PROJECT NO.: 14-10-052
UIE FILE NO.:
DRAWING NO.: MVP-ADAR-H600-76
SHEET 76 OF 109
DATE OF PLOT: 11/15/17 4:38 PM

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



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