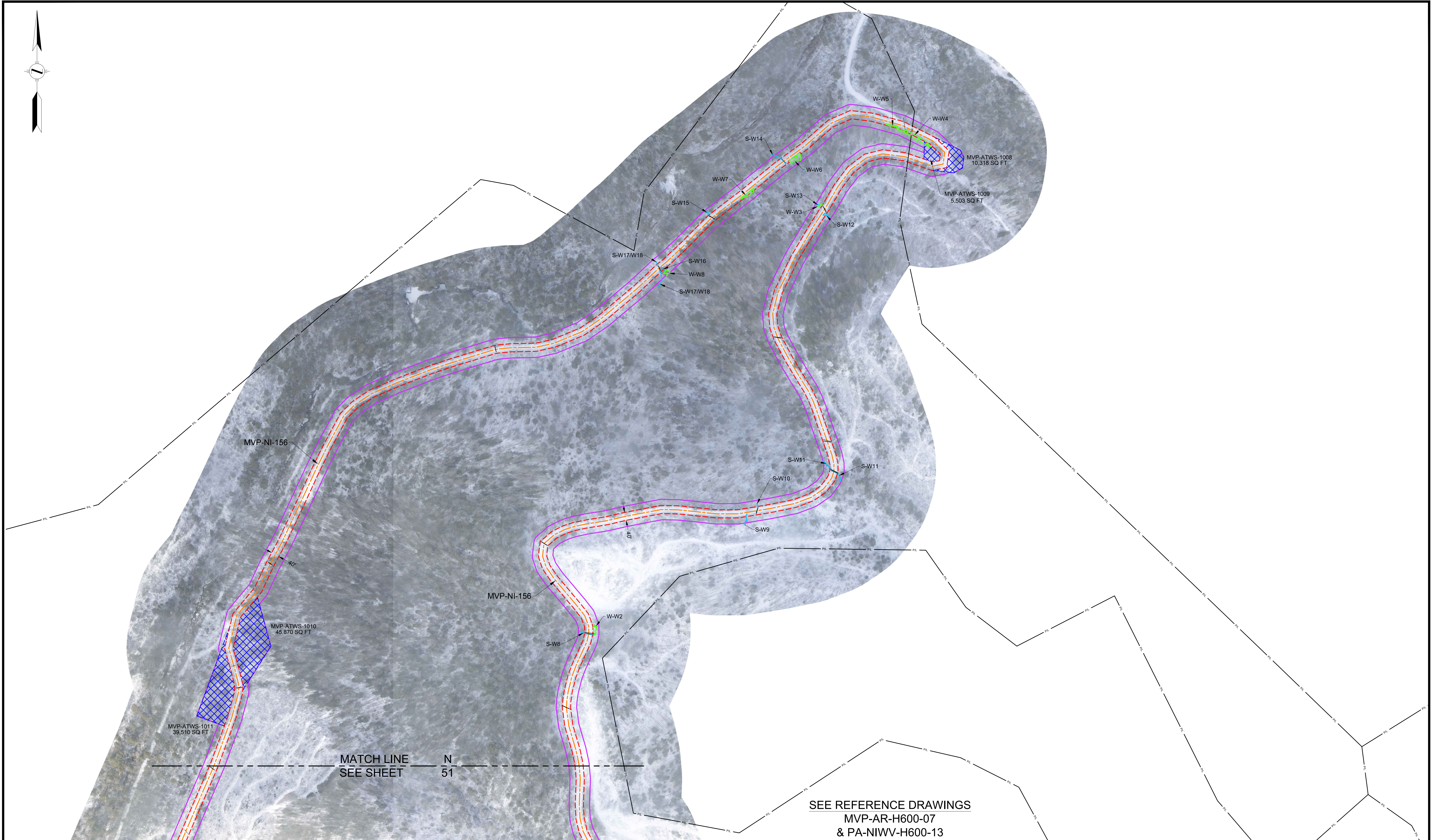
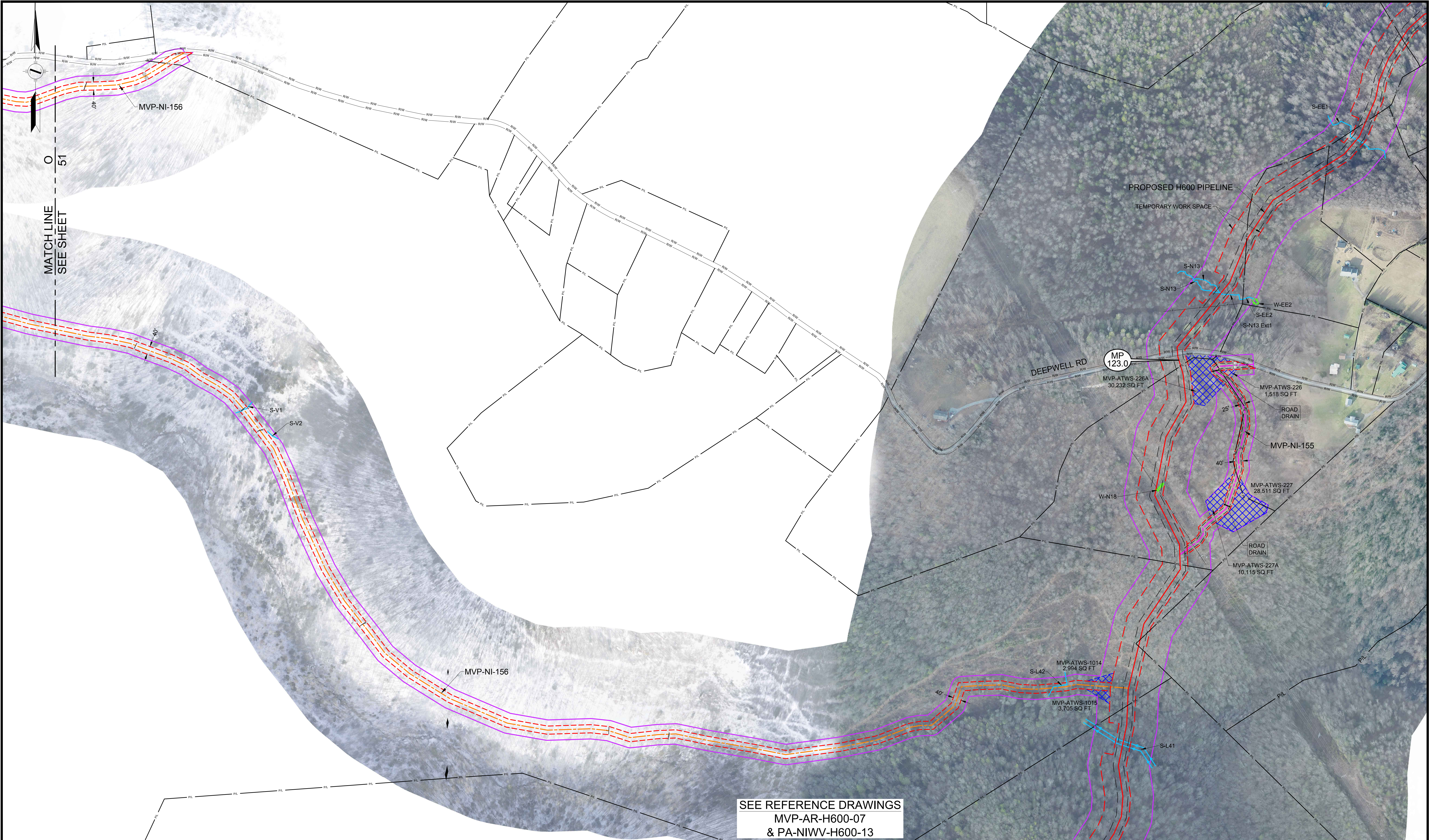


[illegible]



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

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

REFERENCE DRAWINGS	
DRAWING NUMBER	TITLE
MVP-AR-H600-07	OVERALL QUAD MAP
PA-NI WV-H600-13	ALIGNMENT SHEET
MVP-QDAR-H600-51	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

SEE REFERENCE DRAWINGS
MVP-AR-H600-07
& PA-NI WV-H600-13

HOLLAND
ENGINEERING

220 Hoover Boulevard, Suite 2
Holland, Michigan 49423-3766
T 616-392-5938 F 616-392-2116

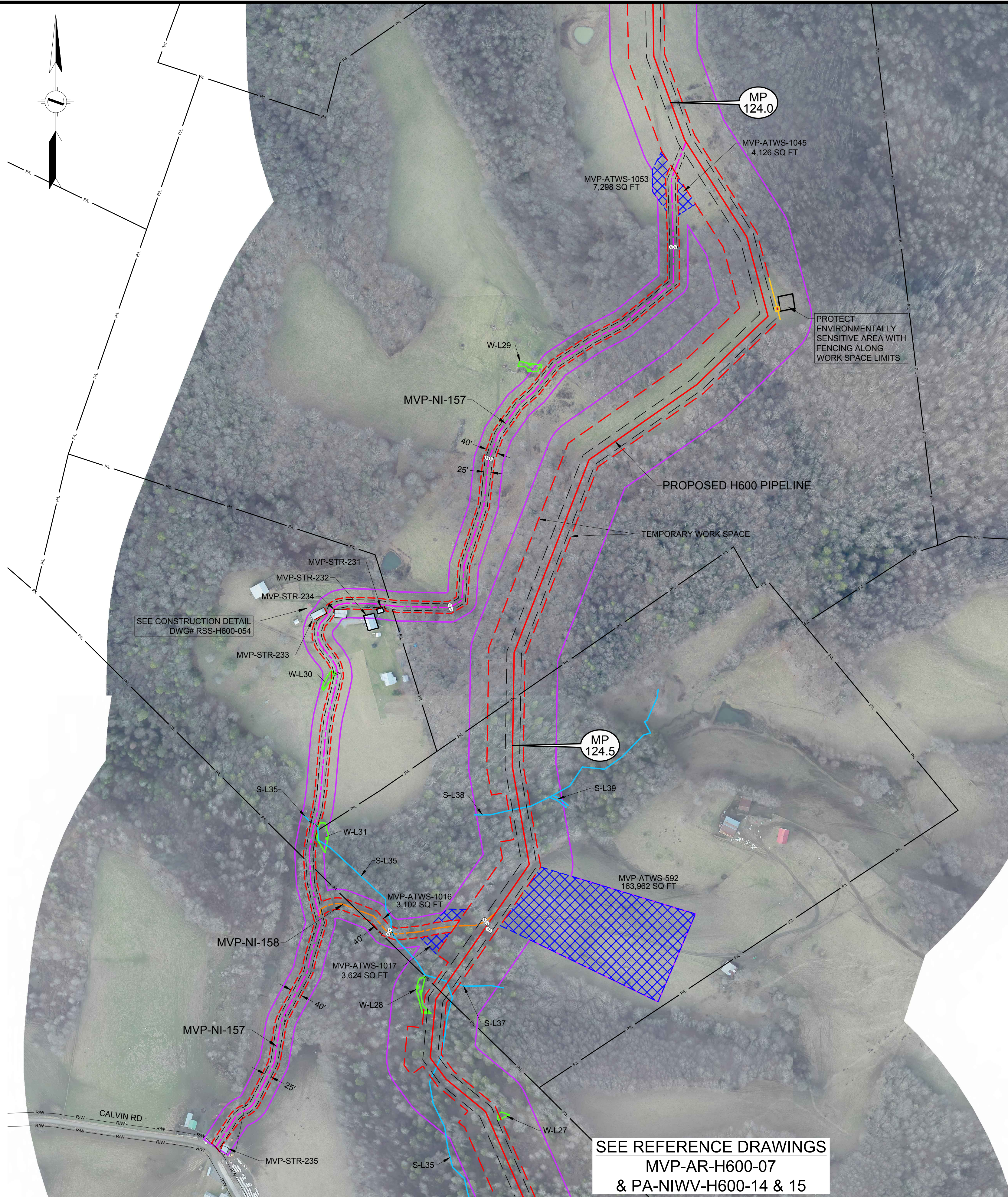
28555 Evergreen Rd., Suite. 430
Southfield, Michigan 48076
T 248-827-7322 F 248-827-7549

www.hollandengineering.com

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-ADAR-H600-53
SHEET 53 OF 109	REV. 3
DATE OF PLOT:	10/12/16 5:34 PM

AERIAL DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
NICHOLAS 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-H600-054	RESIDENTIAL SITE SPECIFIC
MVP-AR-H600-07	OVERALL QUAD MAP
PA-NIWW-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

HOLLAND
ENGINEERING

220 Hoover Boulevard, Suite 2
Holland, Michigan 49423-3766
T 616-392-5938 F 616-392-2116

28555 Evergreen Rd., Suite 430
Southfield, Michigan 48076
T 248-827-7322 F 248-827-7549

www.hollandengineering.com

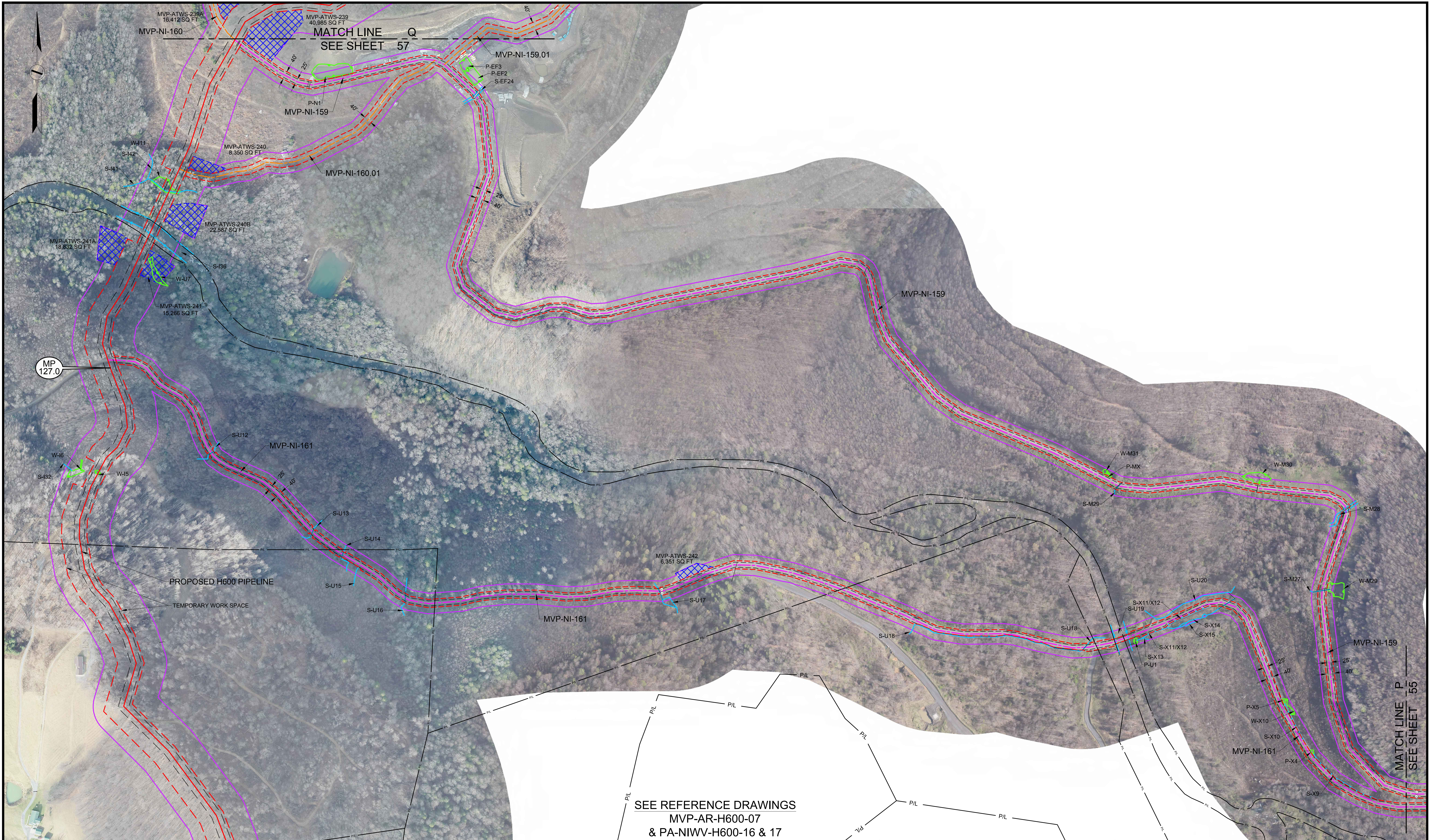
APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16			
4	RRR	10-14-16						
		J.J.						

HORZ. SCALE: 1" = 200'
DRAWN BY: HEI(DRF)
DRAFTING CK: .
ENGINEERING CK: .
HEI PROJECT NO.: 14-10-052
HEI FILE NO.
DRAWING NO.: MVP-ADAR-H600-54
SHEET 54 OF 109 REV. 3
DATE OF PLOT: 10/12/16 5:34 PM

AERIAL DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
NICHOLAS 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	REFERENCE DRAWINGS <table border="1"> <thead> <tr> <th>DRAWING NUMBER</th> <th>TITLE</th> </tr> </thead> <tbody> <tr> <td>MVP-AR-H600-07</td> <td>OVERALL QUAD MAP</td> </tr> <tr> <td>MVP-QDAR-H600-56</td> <td>ACCESS ROAD DETAIL MAP</td> </tr> </tbody> </table>	DRAWING NUMBER	TITLE	MVP-AR-H600-07	OVERALL QUAD MAP	MVP-QDAR-H600-56	ACCESS ROAD DETAIL MAP	REVISIONS <table border="1"> <thead> <tr> <th>REV</th> <th>BY</th> <th>DATE</th> <th>DESCRIPTION</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>DRF</td> <td>10-15-16</td> <td>REV 4.0.0, ISSUED TO FERC</td> </tr> <tr> <td>1</td> <td>DRF</td> <td>10-13-16</td> <td>FERC DATA REQUEST No.1</td> </tr> <tr> <td>2</td> <td>DRF</td> <td>04-21-16</td> <td>FERC DATA REQUEST No.2</td> </tr> <tr> <td>3</td> <td>DRF</td> <td>09-03-16</td> <td>REV 4.1.1, ISSUED FOR BID</td> </tr> <tr> <td>4</td> <td>DRF</td> <td>10-14-16</td> <td>OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC</td> </tr> </tbody> </table>	REV	BY	DATE	DESCRIPTION	0	DRF	10-15-16	REV 4.0.0, ISSUED TO FERC	1	DRF	10-13-16	FERC DATA REQUEST No.1	2	DRF	04-21-16	FERC DATA REQUEST No.2	3	DRF	09-03-16	REV 4.1.1, ISSUED FOR BID	4	DRF	10-14-16	OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC	HOLLAND ENGINEERING 220 Hoover Boulevard, Suite 2 26555 Evergreen Rd., Suite 430 Holtzville, Michigan 48623-3766 Southfield, Michigan 48071 T 616-392-5938 F 616-392-2116 T 248-827-7322 F 248-827-7549 www.hollandengineering.com	APPROVED FOR FERC <table border="1"> <thead> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>0</td> <td>RRR</td> <td>10-15-16</td> </tr> <tr> <td>4</td> <td>RRR</td> <td>10-14-16</td> </tr> <tr> <td>...</td> <td>...</td> <td>...</td> </tr> </tbody> </table>	REV.	BY	DATE	0	RRR	10-15-16	4	RRR	10-14-16	...	...	...	APPROVED FOR BIDDING <table border="1"> <thead> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>3</td> <td>RRR</td> <td>09-03-16</td> </tr> </tbody> </table>	REV.	BY	DATE	3	RRR	09-03-16	APPROVED FOR CONSTRUCTION <table border="1"> <thead> <tr> <th>REV.</th> <th>BY</th> <th>DATE</th> </tr> </thead> <tbody> <tr> <td>...</td> <td>...</td> <td>...</td> </tr> </tbody> </table>	REV.	BY	DATE	...	...	...	HORZ. SCALE: 1" = 200' DRAWN BY: HEIDRFF 04/22/15	Mountain Valley PIPELINE AERIAL DETAILS PROPOSED ACCESS ROADS MVP PIPELINE PROJECT - H600 LINE NICHOLAS COUNTY, W.V.
DRAWING NUMBER	TITLE																																																													
MVP-AR-H600-07	OVERALL QUAD MAP																																																													
MVP-QDAR-H600-56	ACCESS ROAD DETAIL MAP																																																													
REV	BY	DATE	DESCRIPTION																																																											
0	DRF	10-15-16	REV 4.0.0, ISSUED TO FERC																																																											
1	DRF	10-13-16	FERC DATA REQUEST No.1																																																											
2	DRF	04-21-16	FERC DATA REQUEST No.2																																																											
3	DRF	09-03-16	REV 4.1.1, ISSUED FOR BID																																																											
4	DRF	10-14-16	OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC																																																											
REV.	BY	DATE																																																												
0	RRR	10-15-16																																																												
4	RRR	10-14-16																																																												
...	...	...																																																												
REV.	BY	DATE																																																												
3	RRR	09-03-16																																																												
REV.	BY	DATE																																																												
...	...	...																																																												
PROJECTION: UTM ZONE 17 HORIZONTAL DATUM: NAD 83 US SURVEY FEET VERTICAL DATUM: NAVD88																																																														



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-H600-07	OVERALL QUAD MAP
PA-NIWW-H600-16	ALIGNMENT SHEET
PA-NIWW-H600-17	ALIGNMENT SHEET
MVP-QDAR-H600-55	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

HOLLAND
ENGINEERING

220 Hoover Boulevard, Suite 2
Holland, Michigan 49423-3766
T 616-392-5938 F 616-392-2116

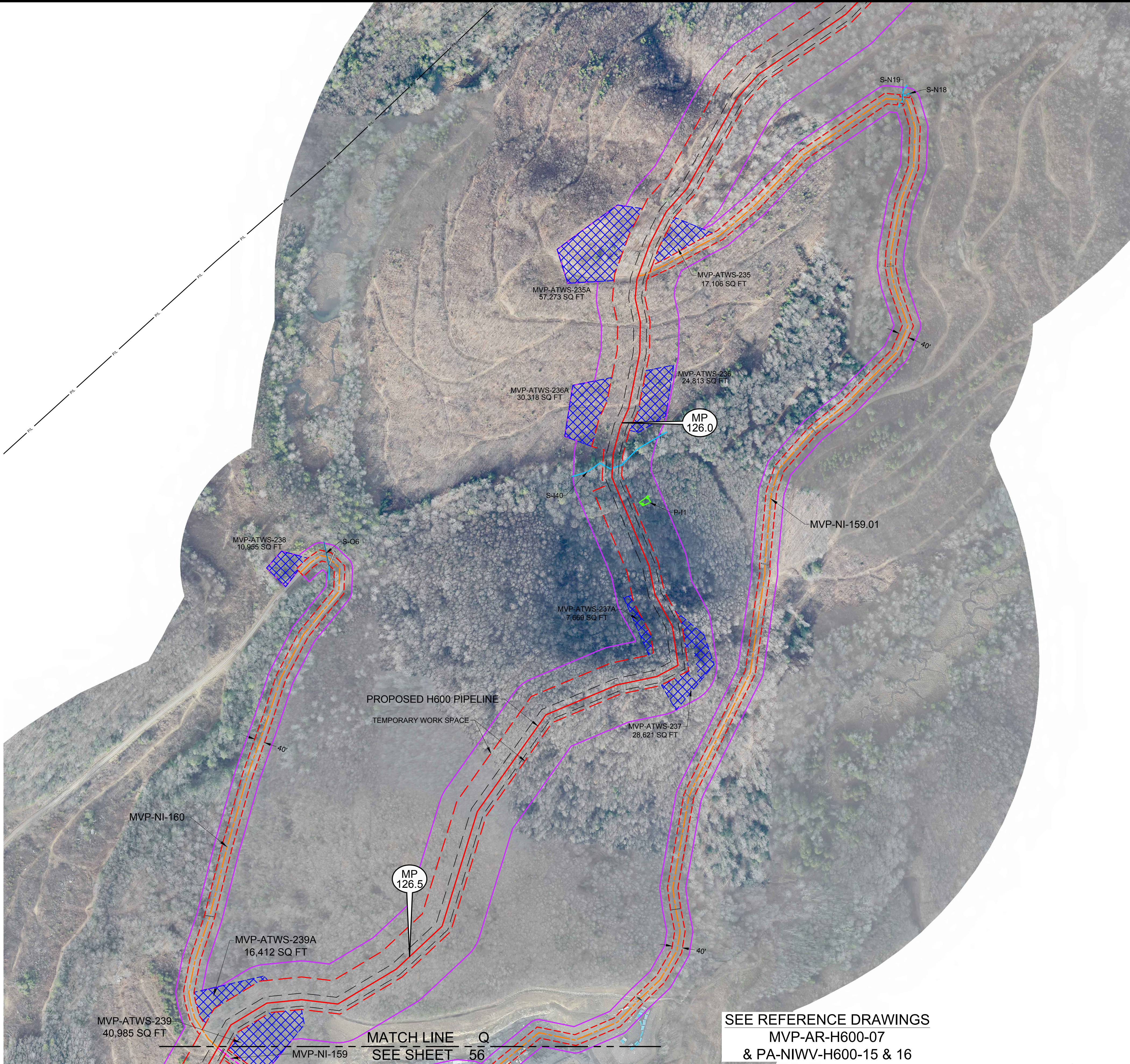
28555 Evergreen Rd., Suite. 430
Southfield, Michigan 48076
T 248-827-7322 F 248-827-7549

www.hollandengineering.com

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						

HORZ. SCALE: 1" = 200'	
DRAWN BY: HEI(DRF)	04/22/15
ENGINEERING CK:	
UIE JOB NO.:	
AFE/P.O. NO.:	
HEI PROJECT NO.:	14-10-052
UIE FILE NO.:	
DRAWING NO.:	MVP-ADAR-H600-56
SHEET 56 OF 109	REV. 3
DATE OF PLOT:	10/12/16 5:35 PM

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



SEE REFERENCE DRAWINGS
MVP-AR-H600-07
& PA-NIWV-H600-15 & 16

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-H600-07	OVERALL QUAD MAP
PA-NIWV-H600-15	ALIGNMENT SHEET
PA-NIWV-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

HORZ. SCALE: 1" = 200'

HOLLAND
ENGINEERING

220 Hoover Boulevard, Suite 2
Holland, Michigan 49423-3766
T 616-392-5938 F 616-392-2116

28555 Evergreen Rd., Suite. 430
Southfield, Michigan 48076
T 248-827-7322 F 248-827-7549

www.hollandengineering.com

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						

DRAWN BY: HEI(DRF)	04/22/16
DRAFTING CK:	
ENGINEERING CK:	
UIE JOB NO.:	
AFE/P.O. NO.:	
HEI PROJECT NO.:	14-10-052
UIE FILE NO.:	
DRAWING NO.:	MVP-ADAR-H600-57
SHEET 57 OF 109	REV. 3
DATE OF PLOT:	10/12/16 5:35 PM

Mountain Valley
PIPELINE

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