MP 204.5

P-YZ1

TEMPORARY WORK SPACE

MVP-ATWS-465
34,159 SQ FT

PROPOSED H600 PIPELINE

S-YZ1

40'

MVP-GI-241.03

S-YZ1

COLLINS AVE

SEE REFERENCE DRAWINGS
MVP-AR-H600-12
& PA-GIVA-H600-13

PROPOSED H600 PIPELINE

S-E24

W-E6

S-E27

S-E25

S-E26

W-E6

TEMPORARY WORK SPACE

MP 208.0

40'

MVP-GI-242

BRICKYARD RD

S-RR3

MOUNTAIN LAKE RD

S-RR4

40'

MVP-GI-243.01

MVP-ATWS-974
4,944 SQ FT

MVP-ATWS-974A
6,099 SQ FT

MP 208.5

S-RR5

W-RR2

MVP-ATWS-1145
15,426 SQ FT

MVP-ATWS-1146
11,699 SQ FT

S-IJ19

S-IJ18

MVP-GI-244

40'

PROPOSED H600 PIPELINE

TEMPORARY WORK SPACE

PROTECT ENVIRONMENTALLY SENSITIVE AREA WITH FENCING ALONG WORK SPACE LIMITS

S-IJ16-b

MVP-STR-395

MVP-STR-759

MVP-STR-758

MVP-ATWS-1144
4,640 SQ FT

MVP-ATWS-1143
4,241 SQ FT

BRICKYARD RD

SEE REFERENCE DRAWINGS
MVP-AR-H600-12
& PA-GIVA-H600-13 & 14

LEGEND

- PERMANENT ACCESS ROAD
- TEMPORARY ACCESS ROAD
- PROPOSED H600 PIPELINE
- PROPOSED PERMANENT EASEMENT
- TEMPORARY WORK SPACE
- ADDITIONAL TEMPORARY WORK SPACE
- STUDY CORRIDOR
- WETLAND
- STREAM
- P/L PROPERTY LINE
- R/W 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
MVP-AR-H600-12	OVERALL QUAD MAP
PA-GIVA-H600-10	ALIGNMENT SHEET
PA-GIVA-H600-12	ALIGNMENT SHEET
PA-GIVA-H600-13	ALIGNMENT SHEET
PA-GIVA-H600-14	ALIGNMENT SHEET
SSRA-H600-04	RECREATIONAL SITE SPECIFIC

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

HOLLAND ENGINEERING

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

26555 Evergreen Rd. Suite 430
Southfield, Michigan 48076
T 248-827-7322 F 248-827-7549

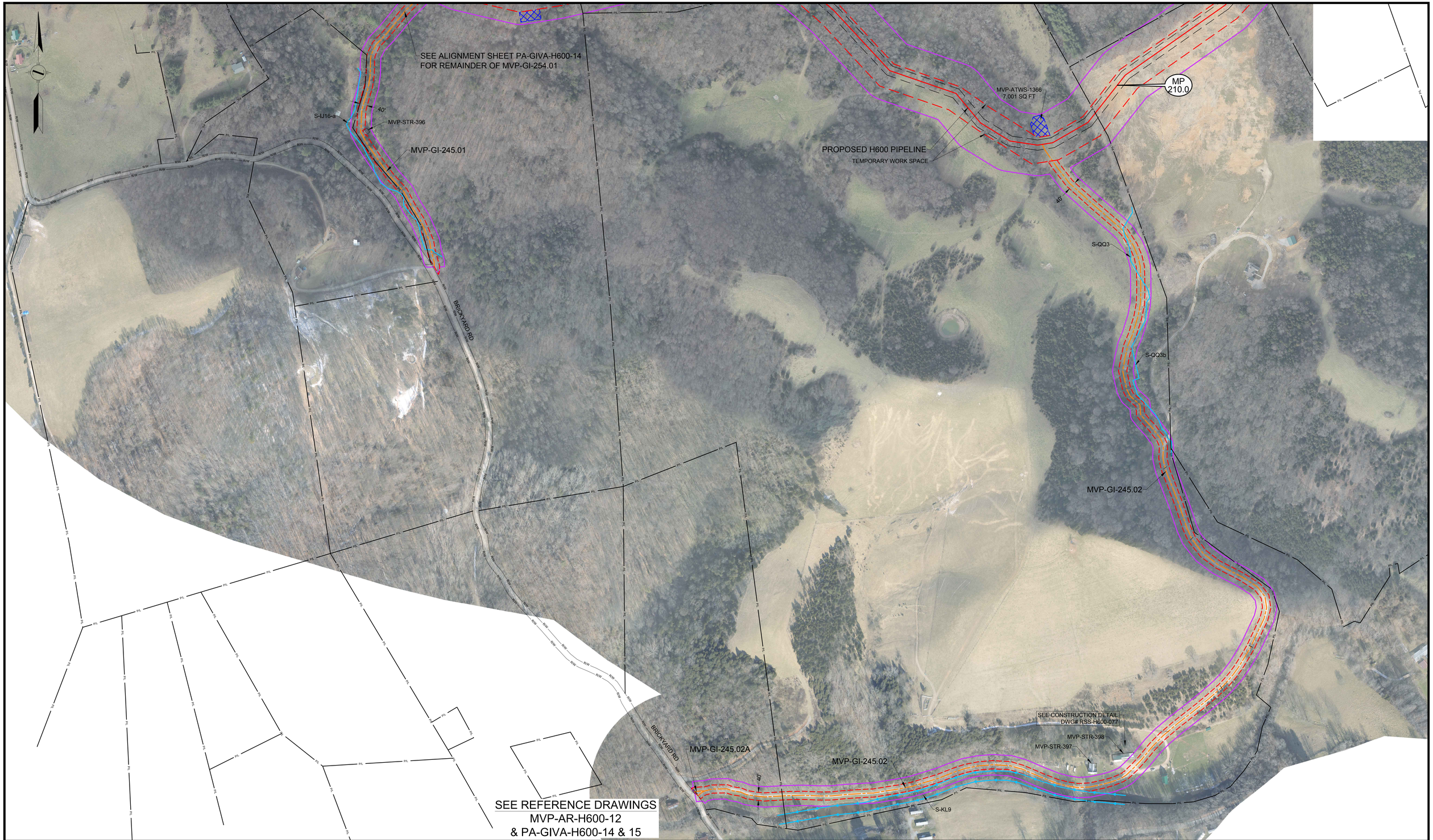
www.hollandengineering.com

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
DRAFTING CK:	
ENGINEERING CK:	
UEI JOB NO.:	
AFE/P.O.NO.:	
HEI PROJECT NO.:	14-10-052
UEI FILE NO.	
DRAWING NO.:	MVP-ADAR-H600-83
SHEET 83 OF 109	REV. 4
DATE OF PLOT:	10/12/16 5:57 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

REFERENCE DRAWINGS

DRAWING NUMBER	TITLE
RSS-H600-077	RESIDENTIAL SITE SPECIFIC
MVP-AR-H600-12	OVERALL QUAD MAP
PA-GIVA-H600-14	ALIGNMENT SHEET
PA-GIVA-H600-15	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

HOLLAND ENGINEERING

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

26555 Evergreen Rd. Suite. 430
Southfield, Michigan 48076
T 248-827-7322 F 248-827-7549

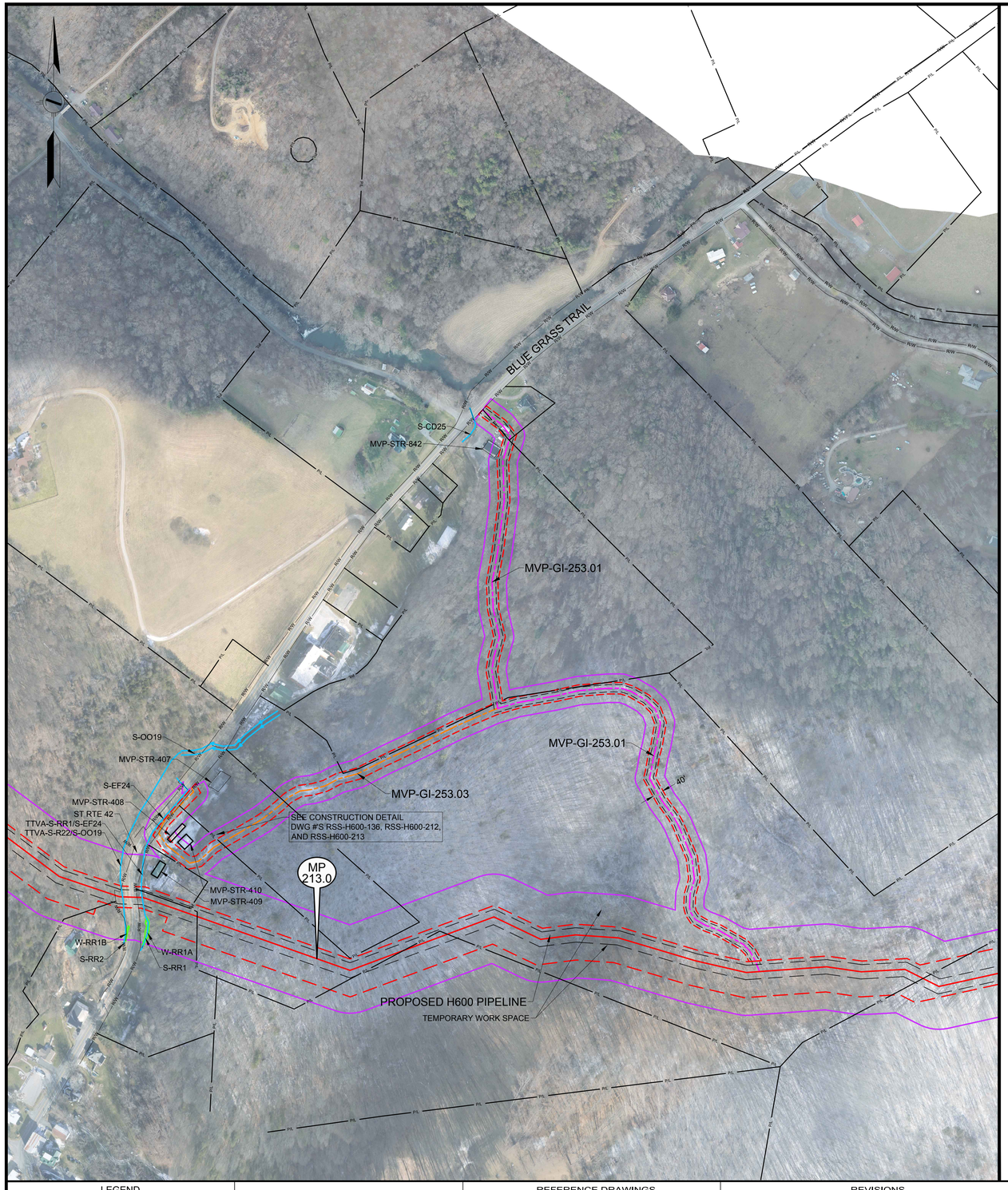
www.hollandengineering.com

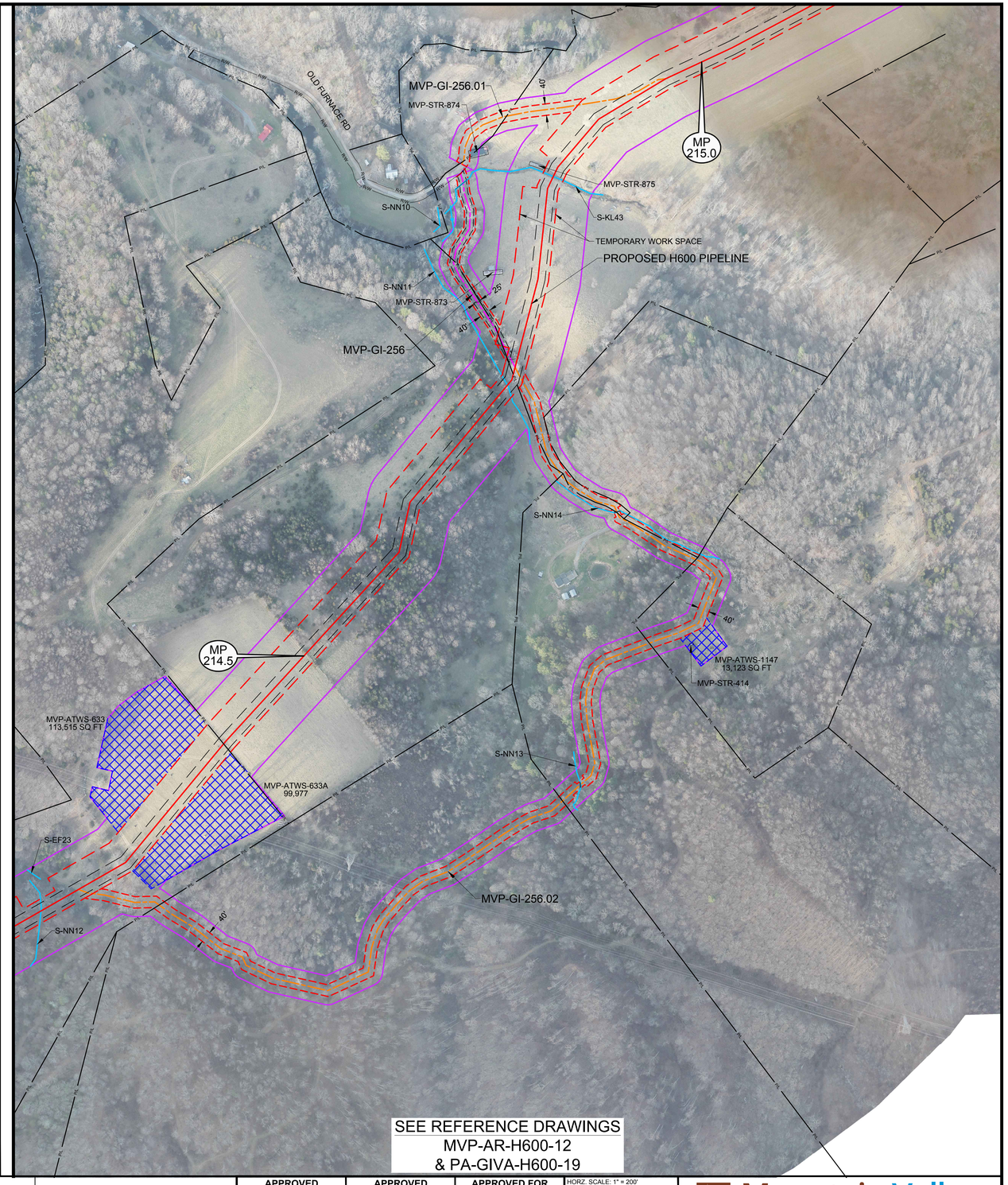
APPROVED FOR FERC			APPROVED FOR BIDDING			APPROVED FOR CONSTRUCTION		
REV.	BY	DATE	REV.	BY	DATE	REV.	BY	DATE
0	RRR	10-15-15	3	RRR	09-03-16	.	....	../../..
4	RRR	10-14-16						
.	...	../../..						

HORZ. SCALE: 1" = 200'	
DRAWN BY: HEI(DRF)	04/22/15
DRAFTING CK:	.
ENGINEERING CK:	.
UEI JOB NO.:	
AFE/P.O.NO.:	
HEI PROJECT NO.: 14-10-052	
UEI FILE NO.	
DRAWING NO.:	MVP-ADAR-H600-84
SHEET 84 OF 109	REV. 4
DATE OF PLOT: 10/12/16 5:58 PM	

Mountain Valley PIPELINE

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





SEE REFERENCE DRAWINGS
MVP-AR-H600-12
& PA-GIVA-H600-19

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-H600-12	OVERALL QUAD MAP
PA-GIVA-H600-17	ALIGNMENT SHEET
PA-GIVA-H600-18	ALIGNMENT SHEET
PA-GIVA-H600-19	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

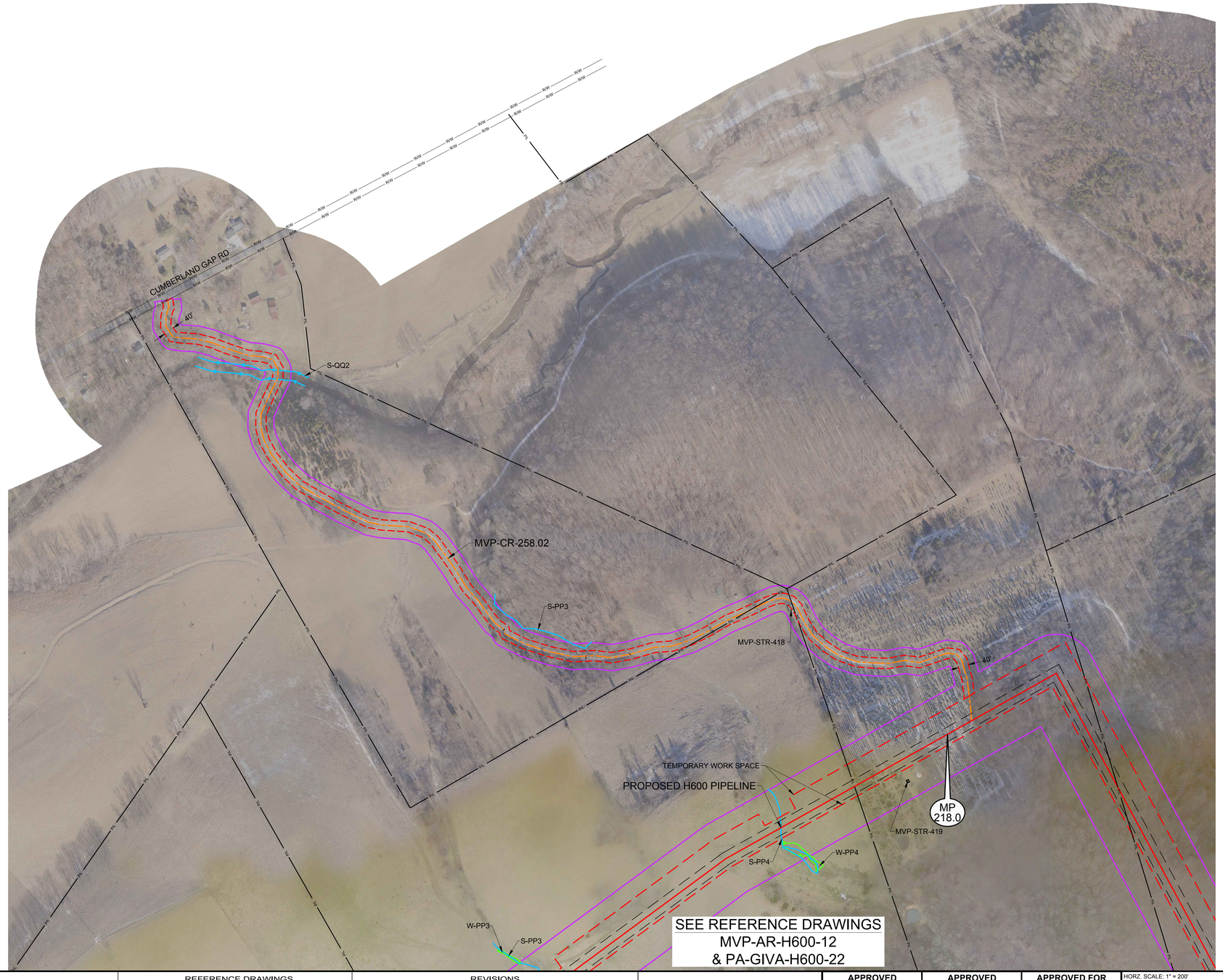
HOLLAND ENGINEERING
220 Hoover Boulevard, Suite 2
Holland, Michigan 49423-3766
T 616-392-5938 F 616-392-2116
26555 Evergreen Rd. Suite. 430
Southfield, Michigan 48076
T 248-827-7322 F 248-827-7549
www.hollandengineering.com

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
DRAFTING CK:	.
ENGINEERING CK:	.
UEI JOB NO.:	
AFE/P.O.NO.:	
HEI PROJECT NO.: 14-10-052	
UEI FILE NO.	
DRAWING NO.:	MVP-ADAR-H600-85
SHEET 85 OF 109	REV. 4
DATE OF PLOT: 10/12/16 5:58 PM	

Mountain Valley PIPELINE

AERIAL DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
GILES & MONTGOMERY CO'S, 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-H600-12	OVERALL QUAD MAP
PA-GIVA-H600-22	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

HOLLAND ENGINEERING
220 Hoover Boulevard, Suite 2
Holland, Michigan 49423-3766
T 616-392-5938 F 616-392-2116
26555 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
DRAFTING CK:	
ENGINEERING CK:	
UEI JOB NO.:	
AFE/P.O.NO.:	
HEI PROJECT NO.:	14-10-052
UEI FILE NO.	
DRAWING NO.:	MVP-ADAR-H600-86
SHEET 86 OF 109	REV. 4
DATE OF PLOT:	10/12/16 5:59 PM

Mountain Valley PIPELINE

AERIAL DETAILS
PROPOSED ACCESS ROADS
MVP PIPELINE PROJECT - H600 LINE
GILES & MONTGOMERY CO'S, VA