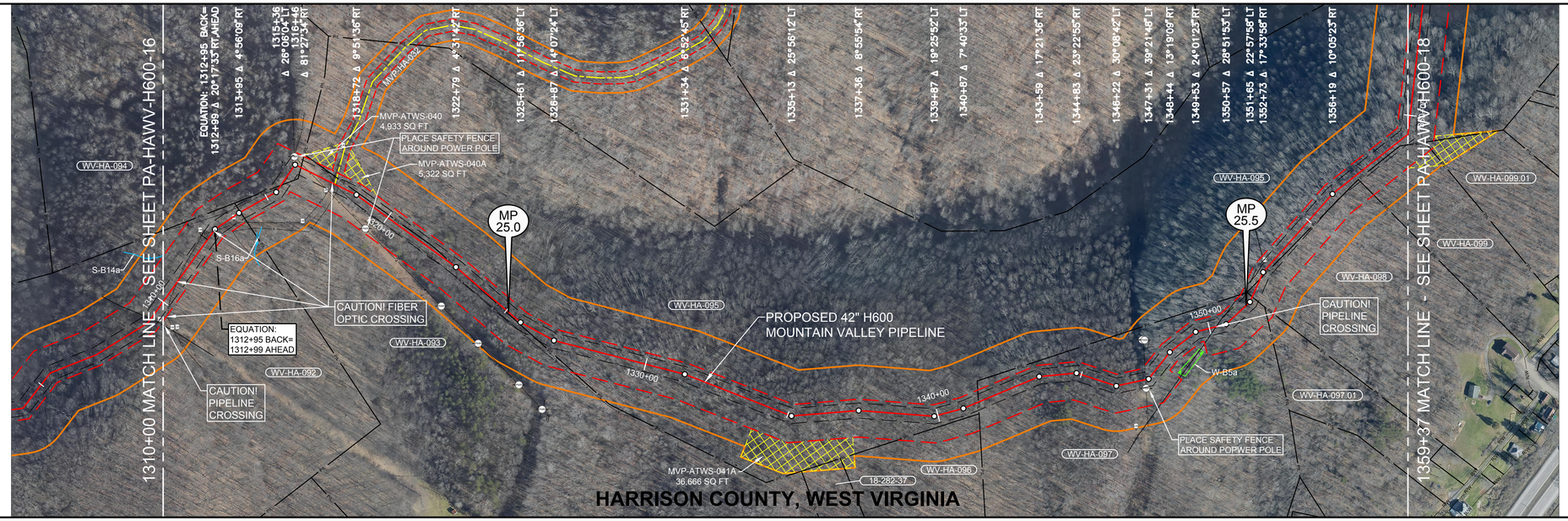
RIGHT-OF-WAY & OWNERSHIP DATA

| | | |

RIGHT-OF-WAY & OWNERSHIP DATA

		1310+00	1312+87	1314+00	1316+08	1316+86	1327+80	1338+73	1341+10	1341+54	1351+62	1351+85	1357+14	1359+26	1359+37
		WV-HA-092	WV-HA-094	WV-HA-094	WV-HA-093	WV-HA-095	WV-HA-095	WV-HA-095	WV-HA-095	WV-HA-095	WV-HA-097	WV-HA-095	WV-HA-095	WV-HA-095	WV-HA-095
		267 LF 269 SLOPE	130 LF 131 SLOPE	268 LF 275 SLOPE	28 LF 30 SLOPE	1084 LF 1094 SLOPE	1093 LF 1095 SLOPE	237 LF 238 SLOPE	18 LF 18 SLOPE	26 LF 26 SLOPE	1008 LF 1010 SLOPE	22 LF 23 SLOPE	530 LF 534 SLOPE	214 LF 216 SLOPE	9 LF 10 SLOPE
			WV-HA-092			WV-HA-093		WV-HA-096	WV-HA-097	WV-HA-097		WV-HA-097-01	WV-HA-098	WV-HA-099	WV-HA-099-01
DESIGN	PIPE / COATING	1310+00	EQUATION: 1312+95 BACK= 1312+99 AHEAD	1											1359+37
DESIGN	SLOPE DISTANCE	4968'													
DESIGN	CLASS LOCATION / HCA	1									1347+08 HCA-1				
ENVIRONMENTAL	CONSTRUCTION EXCLUSION	1310+00 TIME OF YEAR RESTRICTION: NO TREE CLEARING APRIL 1ST TO JULY 31ST													1359+37
ENVIRONMENTAL	WETLAND / STREAM														
ENVIRONMENTAL	.														
ENVIRONMENTAL	.														



0' 100' 200' 400'

PLAN VIEW

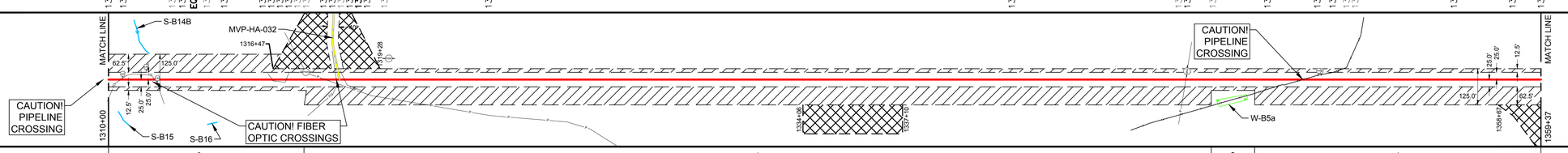
LEGEND

- STUDY CORRIDOR
- PROPOSED 42"PIPELINE
- NON-SURVEYED C/L
- 500' TICK MARK
- EXISTING PIPELINE
- PERMANENT EASEMENT
- WORK SPACE LIMITS
- PERMANENT ACCESS RD
- TEMPORARY ACCESS RD
- ANCILLARY SITE
- COUNTY LINE
- PROPERTY LINE
- ROAD RIGHT-OF-WAY
- FENCE LINE
- OVERHEAD POWER
- OVERHEAD TELEPHONE
- C/L ROAD
- C/L RAILROAD
- DELINEATED STREAM
- DELINEATED WETLAND
- BARRACADE FENCE
- PI SYMBOL / PROPOSED TEST STATION
- MAILBOX / LINE MARKER - VENT PIPE
- POWER/TELE POLE
- SIGN / TOWER LEG
- TREE / GUY ANCHOR
- TANK / GAS VALVE
- WELL - GAS/OIL/WATER/ MONITORING
- POST - GATE/FENCE
- ELEC/GAS/WTR METER
- PEDESTAL - UTILITY
- MH - SANITARY/WATER
- CATCH BASIN - CULVERT
- ADDITIONAL TEMPORARY WORK SPACE(ATWS)
- ABOVE GROUND FACILITY
- LIMITS OF DISTURBANCE

REFERENCE DRAWINGS

DRAWING NO.	DESCRIPTION
MVP-AR-H600-02	ACCESS ROADS, ANCILLARY SITES, MAINLINE VALVES & LAUNCHER/RECEIVER SITES
MVP-GDAR-H600-10	ACCESS ROAD DETAIL MAP

HORIZONTAL STATIONING



WORK SPACE

- PROPOSED PIPELINE
- EXISTING PIPELINE
- ACCESS ROAD TEMPORARY WORK SPACE
- PERMANENT EASEMENT
- TEMPORARY WORK SPACE(TWS)
- ADD. TEMPORARY WORK SPACE(ATWS)

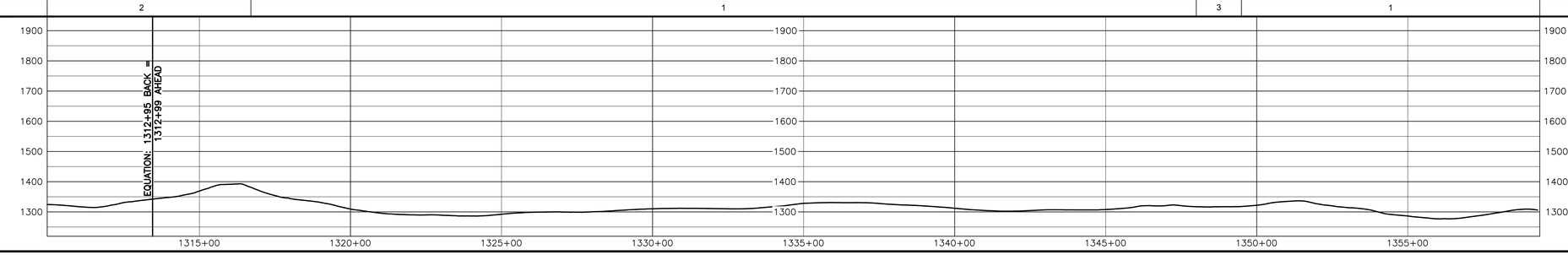
CONSTRUCTION METHOD

2	1	3	1

CONSTRUCTION METHOD KEY

1 - TYPICAL R/W WORKING SIDE RIGHT
1.1 - TYPICAL R/W WORKING SIDE RIGHT
2 - TYPICAL R/W WORKING SIDE LEFT
2.1 - TYPICAL R/W WORKING SIDE LEFT
3 - TYPICAL WETLAND X-ING
4 - ROAD X-ING - BORE
5 - RAILROAD X-ING - BORE
6 - WATERBODY X-ING OPEN CUT - FLUME
7 - PARALLEL TO POWER LINE
8 - RIDGE CONSTRUCTION
9 - WATERBODY X-ING OPEN CUT - WET DITCH
10 - HDD ENTRY PLAN
11 - HDD EXIT PLAN
12 - HDD CONSTRUCTION
13 - PARALLEL TO POWER LINE
14 - PARALLEL TO POWER LINE
15 - WATERBODY X-ING OPEN CUT - DRY/DAM & PUMP
33 - SIDE HILL CONSTRUCTION
34 - 2-TONE SIDE HILL CONSTRUCTION

PROFILE



OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC

MARK	QTY.	DESCRIPTION
	4968	42"O.D. X 0.617"W.T. X70 FBE BONDED EPOXY
1		TYPE 1 TEST STATION - PIPELINE
4		TYPE 4 TEST STATION - FOREIGN CROSSING

AERIAL PHOTOGRAPHY DATE: APRIL 2015

APPROVED FOR CONSTRUCTION

REV.	BY	DATE
-	-	-

APPROVED FOR BIDDING

REV.	BY	DATE
3	RRR	09-03-16

APPROVED FOR FERC

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

REVISIONS

REV.	BY	DATE	DESCRIPTION
0	HEI	10-15-15	REV. 4.0 ISSUED TO FERC
1	HEI	01-11-16	FERC DATA REQUEST No.1
2	HEI	04-14-16	FERC DATA REQUEST No.2
3	HEI	09-03-16	REV. 4.1 ISSUED FOR BIDDING
4	HEI	10-14-16	OCTOBER 2016 PROPOSED ROUTE - ISSUED TO FERC

HOLLAND ENGINEERING
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Mountain Valley PIPELINE

PIPELINE ALIGNMENT

MOUNTAIN VALLEY PROJECT - H600 LINE
TENMILE DIST.,HARRISON CO.,W.V.
STA. 1310+00 TO STA. 1359+37

HORZ. SCALE: 1" = 200'	
DRAWN BY: HEI(DRF)	10/7/2016
DRAFTING CK:	
ENGINEERING CK:	
CONSTRUCTION CK:	
ENVIRONMENTAL CK:	
AFE/P.O.NO.:	
HEI PROJECT NO.:	14-10-052
DRAWING NO.:	**PA-HAWV-H600 -17**
SHEET 27 OF 329	REV. 4
DATE OF PLOT:	10/10/2016 5:29 PM

RIGHT-OF-WAY & OWNERSHIP DATA

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RIGHT-OF-WAY & OWNERSHIP DATA

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