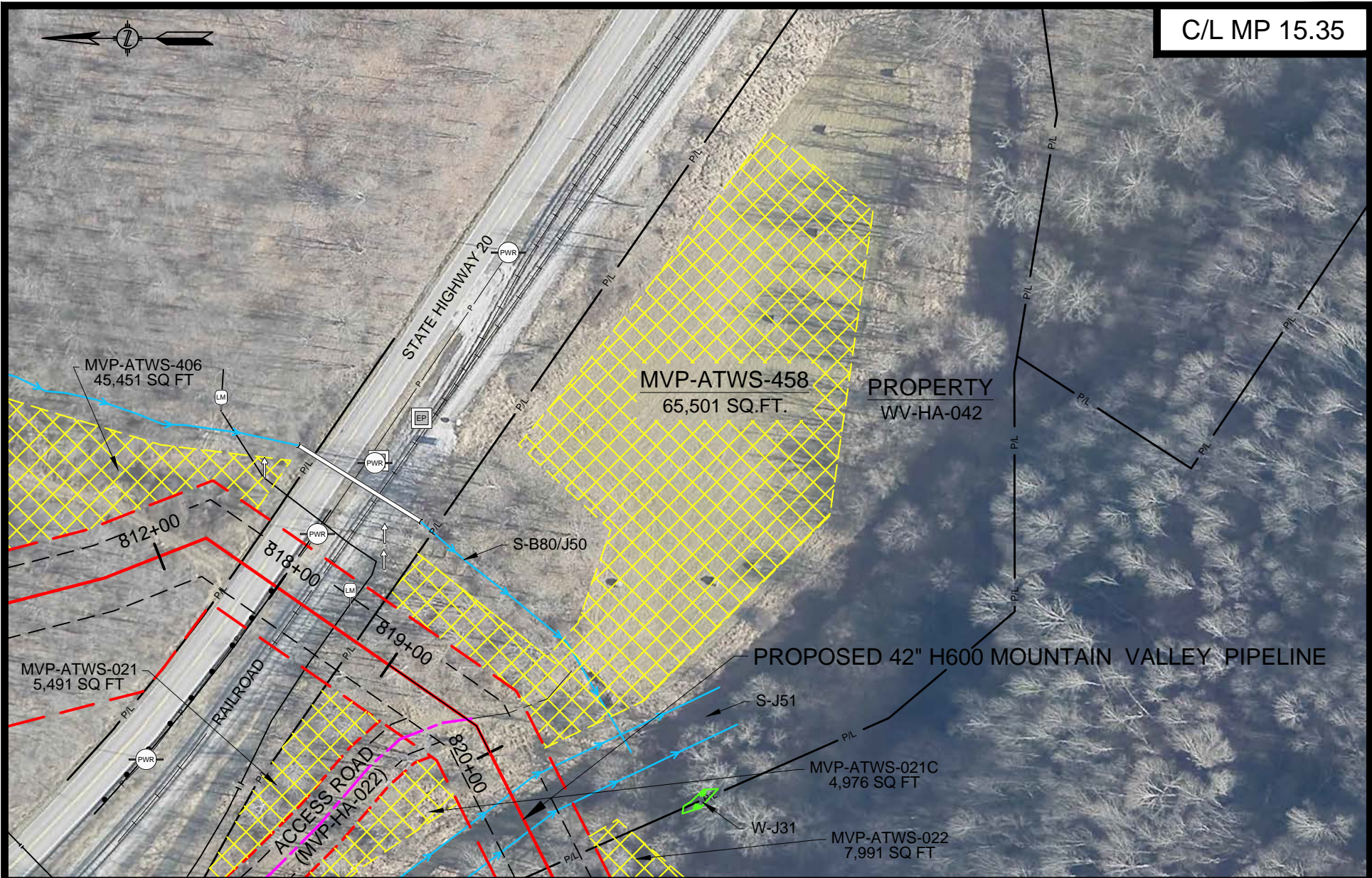


**Mountain Valley Pipeline, LLC  
Mountain Valley Pipeline Project  
Docket No. CP16-10-000**

**Implementation Plan  
December 2017 Supplement**

**Attachment IP-4a  
Ancillary Detail Maps 04**



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ENGINEERING

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HEI PROJECT NO.: 14-10-052

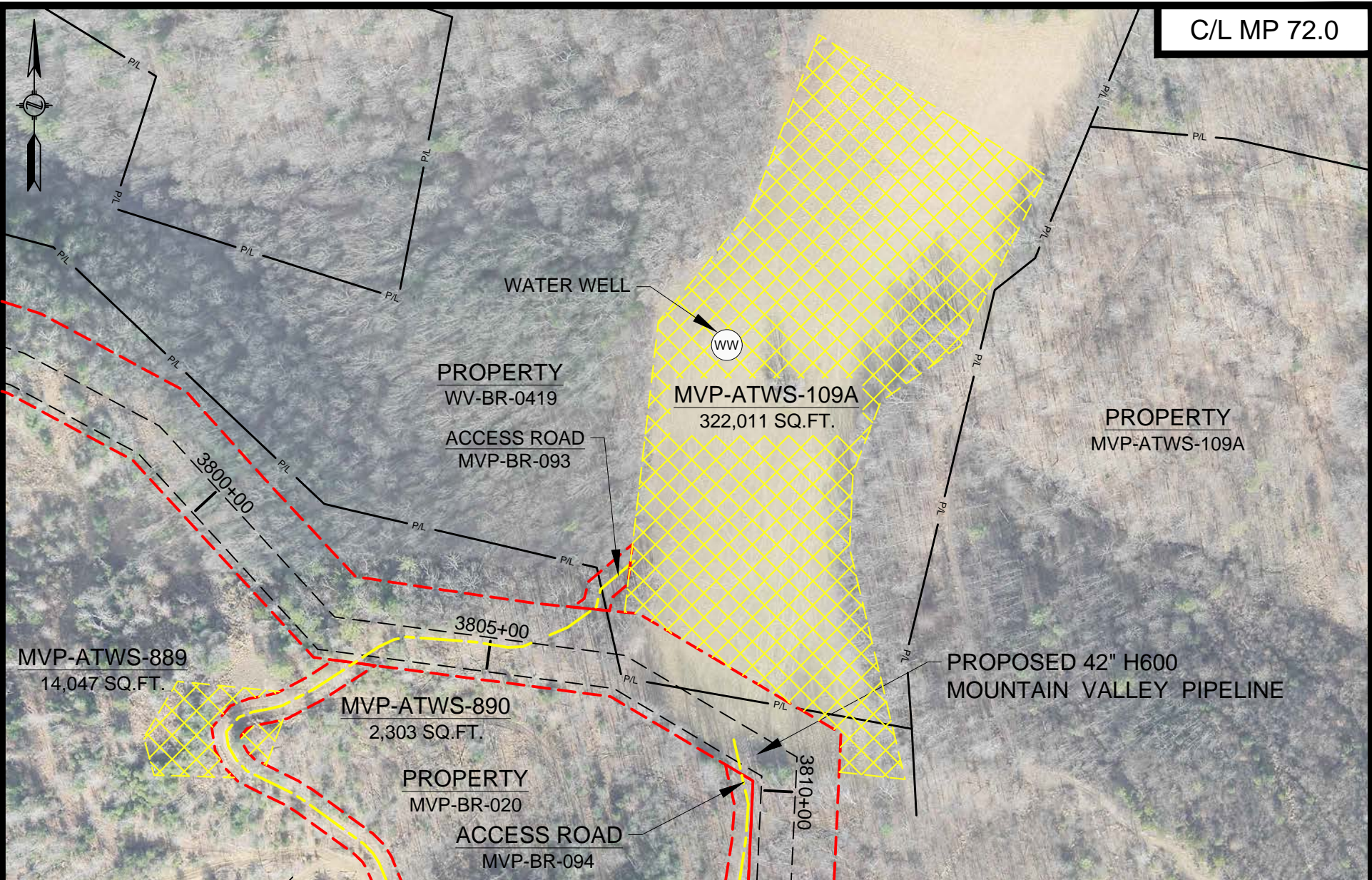


**CONSTRUCTION DETAILS - ATWS SITE SPECIFIC**

**MOUNTAIN VALLEY PIPELINE PROJECT  
PROPOSED H-600 PIPELINE  
HARRISON COUNTY, WEST VIRGINIA**

SHEET 1 OF 1

DRAWN BY: HEI(DRF)	10-14-16
DRAFTING CK:	
ENVIRONMENTAL CK:	
ENGINEERING CK: JJS	11-27-17
ALIGN. SHEET: PA-HAWV-H600-06	
DRAWING NO.:	
<b>CD-ATWS-H600-001</b>	
SCALE: 1" = 100'	REV. 1
DATE OF PLOT: 11/16/2017 8:54 AM	



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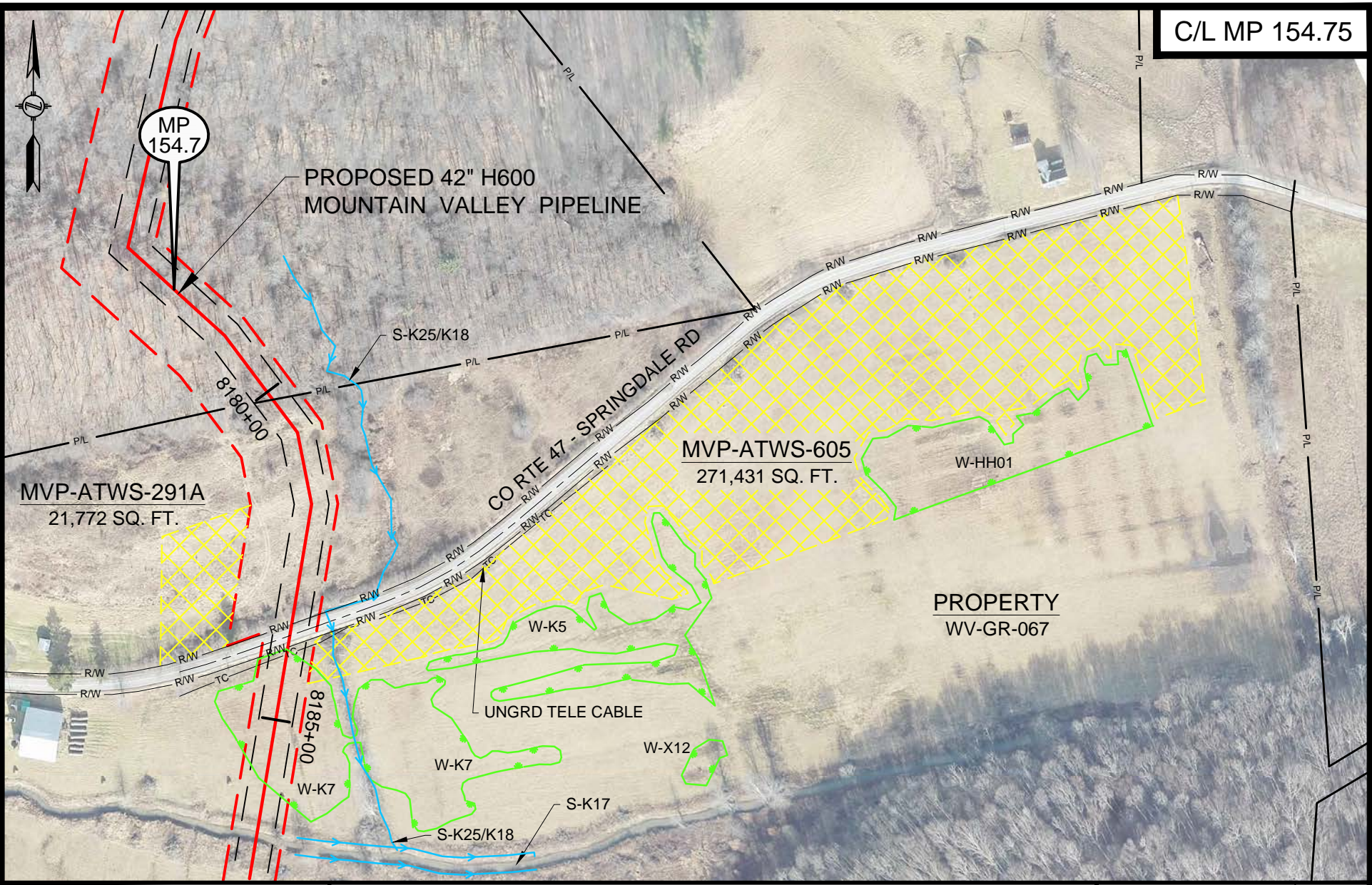


## CONSTRUCTION DETAILS - ATWS SITE SPECIFIC

MOUNTAIN VALLEY PIPELINE PROJECT  
PROPOSED H-600 PIPELINE  
BRAXTON COUNTY, WEST VIRGINIA

DRAWN BY: HEI(DRF)	10-14-16
DRAFTING CK:	
ENVIRONMENTAL CK:	
ENGINEERING CK: JJS	11-27-17
ALIGN. SHEET: PA-BRWV-H600-07	
DRAWING NO.:	
<b>CD-ATWS-H600-002</b>	
SCALE: 1" = 200'	REV. 1
DATE OF PLOT: 11/16/2017 8:56 AM	

C/L MP 154.75



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HEI PROJECT NO.: 14-10-052

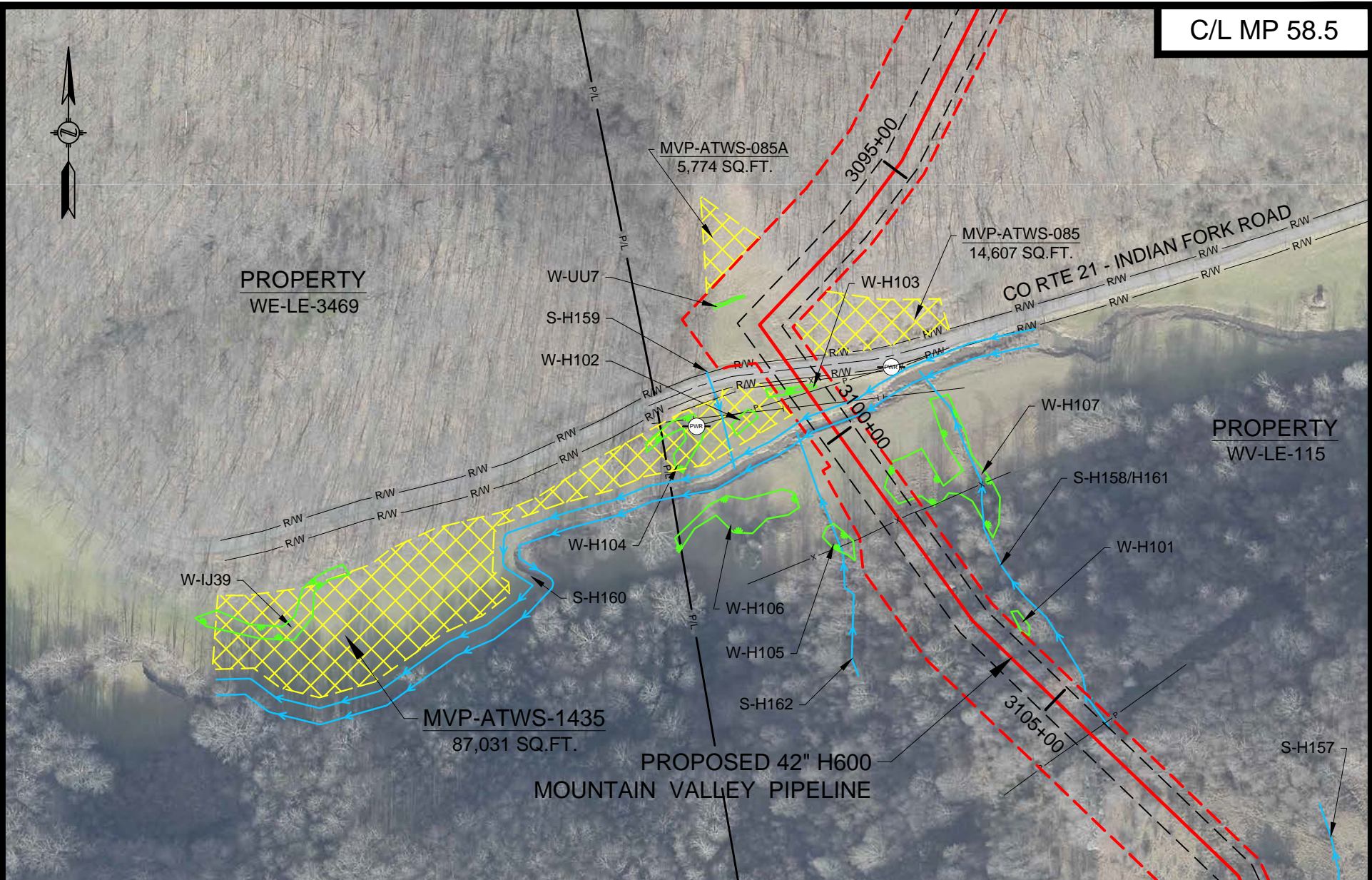


**CONSTRUCTION DETAILS - ATWS SITE SPECIFIC**

**MOUNTAIN VALLEY PIPELINE PROJECT  
PROPOSED H-600 PIPELINE  
GREENBRIER COUNTY, WEST VIRGINIA**

SHEET 1 OF 1

DRAWN BY: HEI(DRF)	10-14-16
DRAFTING CK:	
ENVIRONMENTAL CK:	
ENGINEERING CK: JJS	11-27-17
ALIGN. SHEET: PA-GBWV-H600-23	
DRAWING NO.:	
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DATE OF PLOT: 12/12/2017 1:28 PM	



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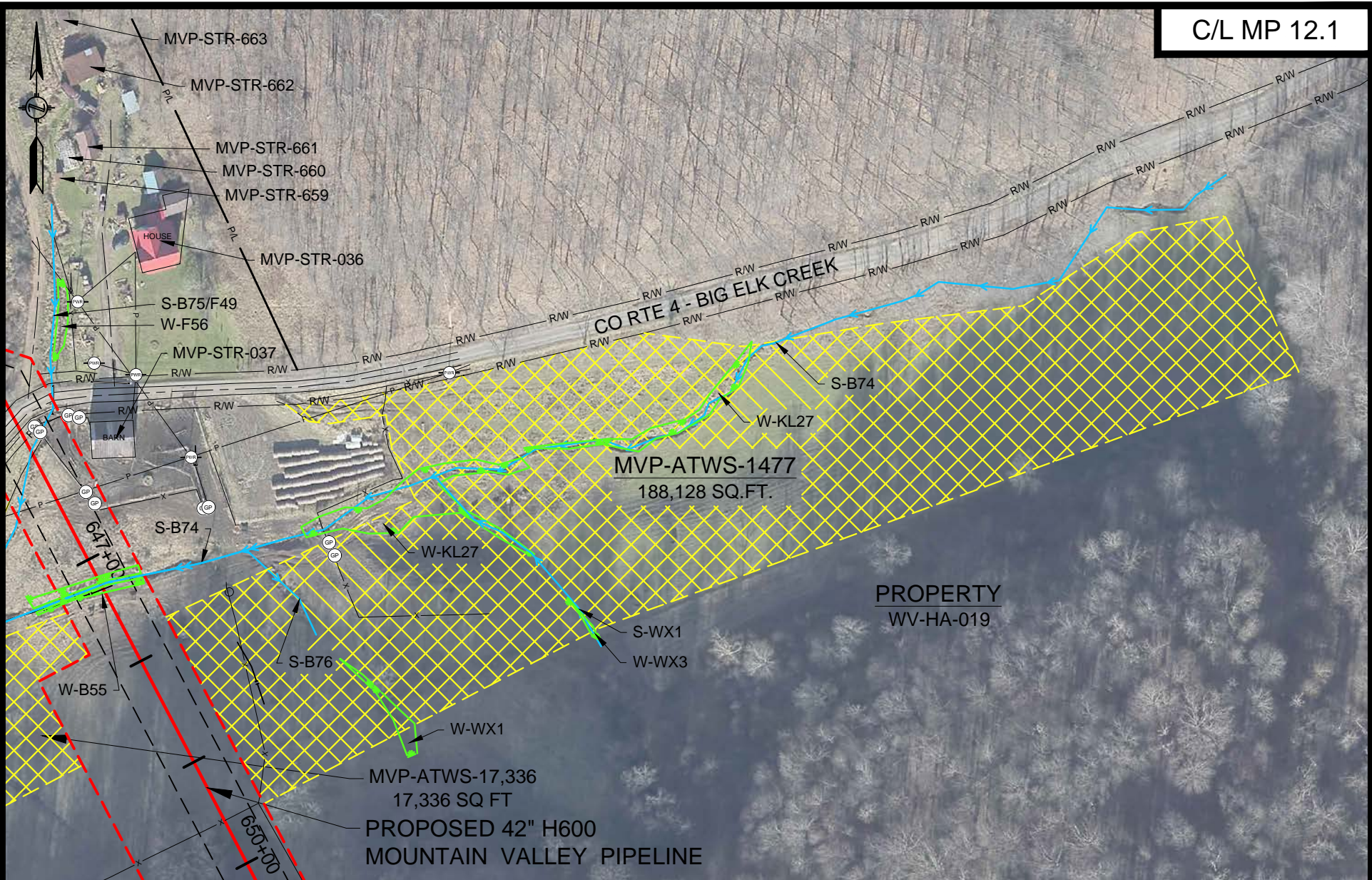


**CONSTRUCTION DETAILS - ATWS SITE SPECIFIC**

**MOUNTAIN VALLEY PIPELINE PROJECT  
PROPOSED H-600 PIPELINE  
LEWIS COUNTY, WEST VIRGINIA**

SHEET 1 OF 1

DRAWN BY: HEI(TWS)	10-14-16
DRAFTING CK:	
ENVIRONMENTAL CK:	
ENGINEERING CK: JJS	11-27-17
ALIGN. SHEET: PA-LEWV-H600-22	
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**CONSTRUCTION DETAILS - ATWS SITE SPECIFIC**

**MOUNTAIN VALLEY PIPELINE PROJECT  
PROPOSED H-600 PIPELINE  
HARRISON COUNTY, WEST VIRGINIA**

SHEET 1 OF 1

DRAWN BY: HEI(TWS)	10-14-16
DRAFTING CK:	
ENVIRONMENTAL CK:	
ENGINEERING CK: JJS	11-27-17
ALIGN. SHEET: PA-HAWV-H600-03	
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