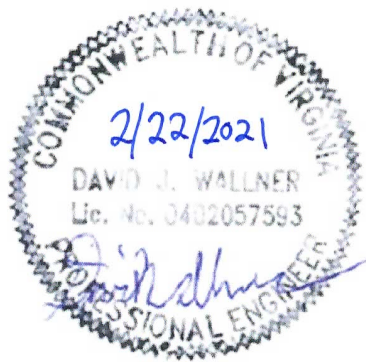
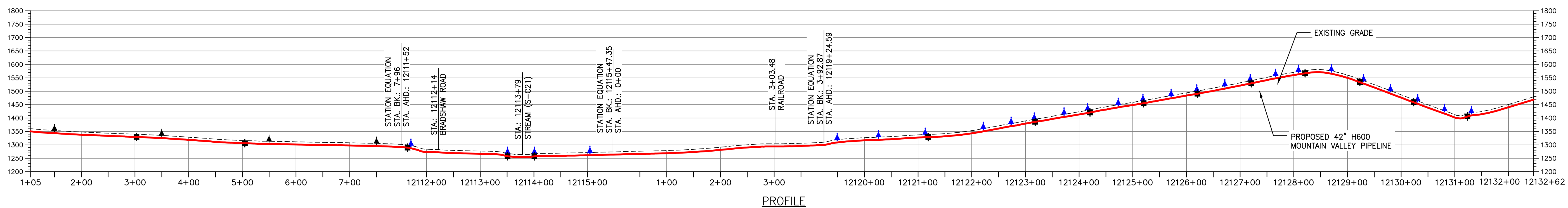
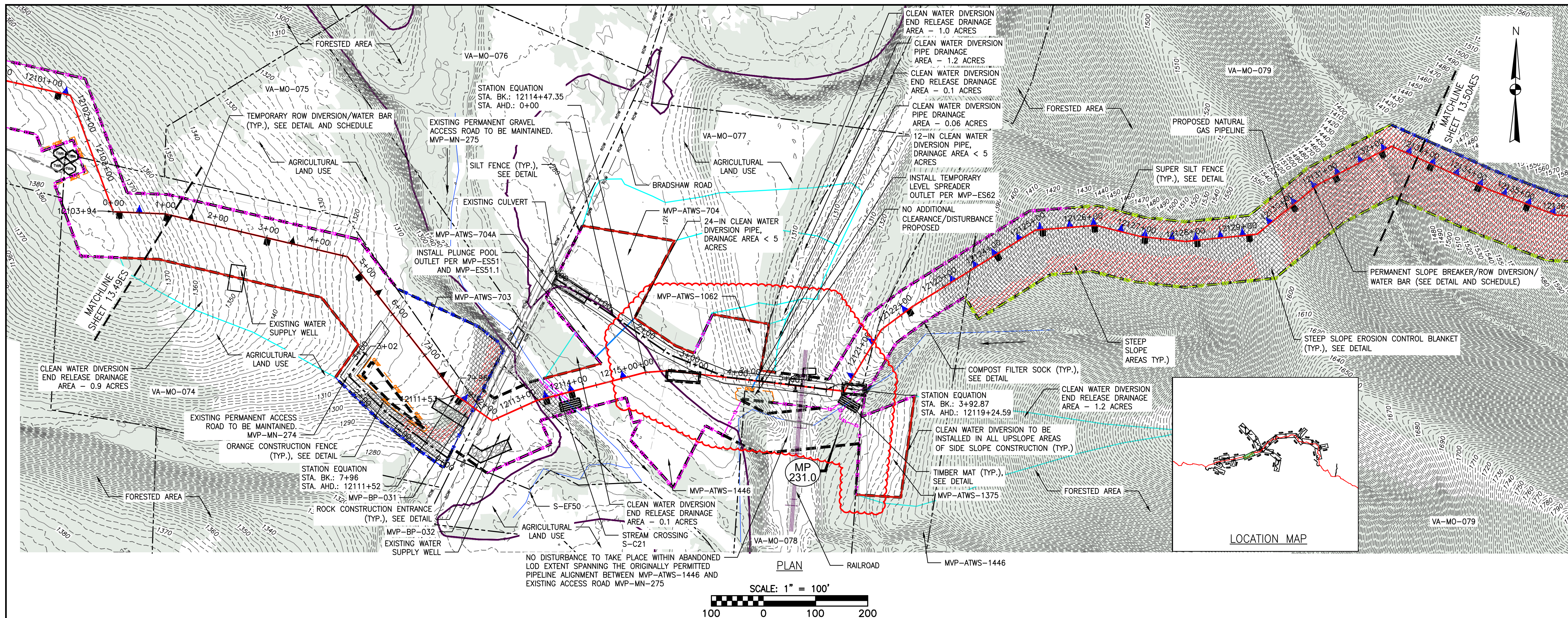


By virtue of this seal and signature, all supporting documents included in this package are accurate and support the design presented herein.







### LEGEND

|  |                                             |  |                                                                            |  |                                                                                          |
|--|---------------------------------------------|--|----------------------------------------------------------------------------|--|------------------------------------------------------------------------------------------|
|  | PROPOSED LIMIT OF DISTURBANCE               |  | PROPOSED ACCESS ROAD CENTERLINE                                            |  | EXISTING FOREST                                                                          |
|  | STREAM                                      |  | PROPOSED PIPELINE                                                          |  | STREAM FLOW DIRECTION                                                                    |
|  | USDA FOREST SERVICE (NATIONAL FOREST) LANDS |  | PROPOSED SILT FENCE (SEE NOTE 5)                                           |  | FEMA 100 YEAR FLOODPLAIN                                                                 |
|  | APPALACHIAN NATIONAL SCENIC TRAIL           |  | PROPOSED SUPER SILT FENCE (SEE DETAIL MVP-ES9.2)                           |  | DRAINAGE AREA BOUNDARY                                                                   |
|  | EXISTING ROAD/TRAIL                         |  | PROPOSED REINFORCED FILTRATION DEVICE (SEE DETAILS MVP-ES9, 9.1, 9.2, 9.3) |  | TIMBER MAT (SEE DETAIL MVP-ES37)                                                         |
|  | EXISTING PROPERTY LINE                      |  | ORANGE CONSTRUCTION SAFETY FENCE                                           |  | STEEP SLOPE EROSION CONTROL (SEE NOTE 2)                                                 |
|  | EXISTING STATE LINE                         |  | PROPOSED COMPOST FILTER SOCK (SEE DETAILS MVP-ES3, 3.1, 3.2)               |  | STEEP SLOPE AREAS (SEE NOTE 4)                                                           |
|  | EXISTING COUNTY LINE                        |  | PROPOSED COMPOST FILTER SOCK (SEE DETAILS MVP-ES3, 3.1, 3.2)               |  | PROPOSED ROCK CONSTRUCTION ENTRANCE                                                      |
|  | POND                                        |  | PROPOSED COMPOST FILTER SOCK (SEE DETAILS MVP-ES3, 3.1, 3.2)               |  | PROPOSED TRENCH BREAKER (SEE DETAIL MVP-20)                                              |
|  | WETLAND                                     |  | GRASS-LINED CHANNEL (SEE DETAIL MVP-ES39)                                  |  | TEMPORARY ROW DIVERSION/WATER BAR (VADEQ STD & SPEC 3.11)                                |
|  | ACID FORMING MATERIAL                       |  | CLEAN WATER DIVERSION PIPE                                                 |  | PERMANENT SLOPE BREAKER/ROW DIVERSION/WATER BAR (SEE DETAILS MVP-17, ES38, AND SCHEDULE) |
|  | SURFACE WATER FLOW DIRECTION                |  | CLEAN WATER DIVERSION DIKE (SEE DETAIL MVP-ES50 AND MVP-ES51)              |  |                                                                                          |

NOTES:

1. TOPSOIL SEGREGATION WILL BE PERFORMED IN ALL IMMEDIATE CONSTRUCTION AREAS OF THE PROJECT IN ACCORDANCE WITH DETAIL MVP-ES46.1 THROUGH MVP-ES46.3.
2. FLEXTERA, EARTHGUARD OR EQUIVALENT MAY BE USED AS A SUBSTITUTE TO EROSION CONTROL BLANKET AS DIRECTED BY MVP.
3. CONTRACTOR IS RESPONSIBLE TO IDENTIFY ALL UTILITIES. THE UTILITY LINES SHOWN ON THE PLAN ARE FOR INFORMATIONAL PURPOSES ONLY AND DO NOT REPRESENT SURVEYED LINE INFORMATION.
4. SLOPES OF 30' OR GREATER EXIST. CONSTRUCTION FOR STEEP SLOPES TO BE PERFORMED USING STEEP SLOPE TECHNIQUES IDENTIFIED IN THE DETAIL SHEETS. ALSO REFER TO THE SITE-SPECIFIC DESIGN OF STABILIZATION MEASURES IN SELECTED HIGH-HAZARD PORTIONS OF THE ROUTE OF THE PROPOSED MOUNTAIN VALLEY PIPELINE PROJECT.
5. WHERE CONSTRUCTION CONDITIONS PRECLUDE THE USE OF DIVERSION DITCHES DUE TO SITE CONDITIONS THE CONTRACTOR WILL INSTALL SILT FENCE AT THE DIRECTION OF MVP.
6. DRAINAGE CROSSINGS WILL BE PERFORMED PER DETAIL MVP-ES46.1.
7. TEMPORARY ACCESS ROAD CROSSINGS OF STREAMS AND WETLANDS WILL UTILIZE TIMBER MATS. ANY PERMANENT ROAD CROSSINGS WILL BE CONDUCTED VIA CULVERTS, NO UNPERMITTED IMPACT TO STREAMS WILL OCCUR AS A RESULT OF ROAD OR PIPELINE CROSSINGS AND ALL ESC BMP'S WILL BE INSTALLED TO CONTINUE THE STREAM FLOW.
8. ALL NON VMRC STREAM CROSSINGS WILL BE PERFORMED AS DESCRIBED IN THE STREAM CROSSING TABLE INCLUDED IN THIS PACKAGE.

| NO. | DATE     | DWN.: | CHKD.: | APD.: | DESCRIPTION:                                   |
|-----|----------|-------|--------|-------|------------------------------------------------|
| 1   | 1/11/21  | ZM    | JRE    | DJW   | ADDRESS VIDEO COMMENTS                         |
| 2   | 8/5/20   | ZM    | JRE    | DJW   | FIELD MODIFICATION MP 230.8 (PIPELINE REROUTE) |
| 3   | 3/2/18   | KAL   | JRE    | DJW   | ADDRESS VIDEO COMMENTS                         |
| 4   | 2/23/18  | KAL   | JRE    | DJW   | ADDRESS VIDEO COMMENTS                         |
| 5   | 1/26/18  | KAL   | JRE    | DJW   | ADDRESS VIDEO COMMENTS                         |
| 6   | 11/21/17 | KAL   | JRE    | DJW   | ADDRESS VIDEO COMMENTS                         |
| 7   | 9/21/17  | KAL   | JRE    | DJW   | PLANS SUBMISSION                               |

REVISIONS:

 **Mountain Valley**  
PIPELINE

EROSION AND SEDIMENT CONTROL PLANS

**MOUNTAIN VALLEY PIPELINE PROJECT – H600 LINE**

**SPREAD 9 – MONTGOMERY COUNTY, VIRGINIA**

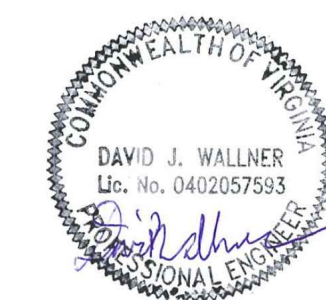
**MOUNTAIN VALLEY PIPELINE, LLC**

**2200 ENERGY DRIVE**

**CANONSBURG, PA 15317**



## DESIGN AND SEDIMENT CONTROL PLANS



|                             |          |                                                                                                   |
|-----------------------------|----------|---------------------------------------------------------------------------------------------------|
| DRAWN BY:                   |          | BH                                                                                                |
| CHECKED BY:                 |          | JRE                                                                                               |
| APPROVED BY:                |          | DJW                                                                                               |
| DATE:                       | 1/11/21  | <br>REVISION |
| SCALE:                      | AS SHOWN |                                                                                                   |
| SHT. NO. 13.50ES OF 13.91ES |          |                                                                                                   |