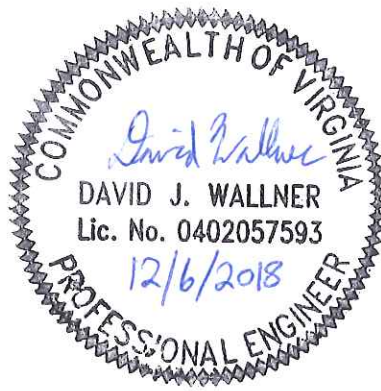
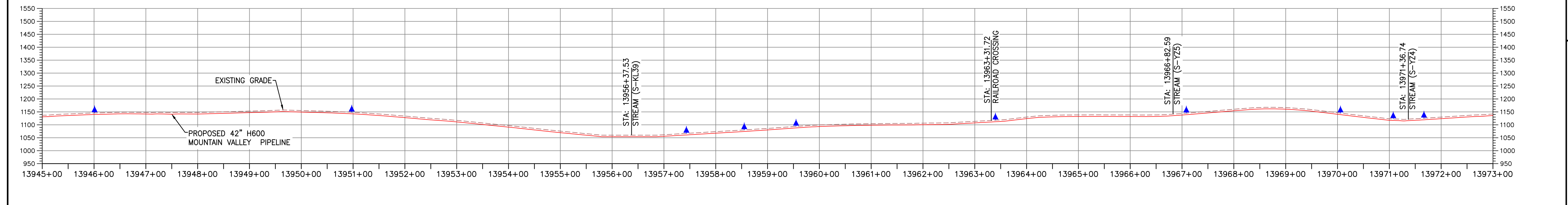
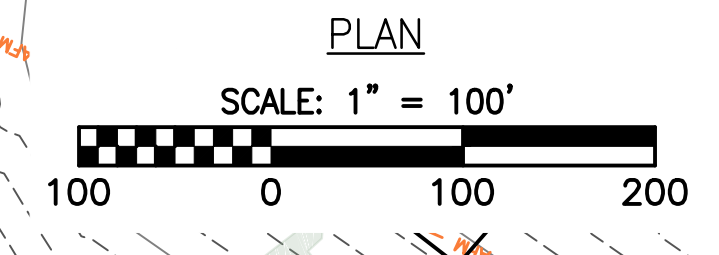
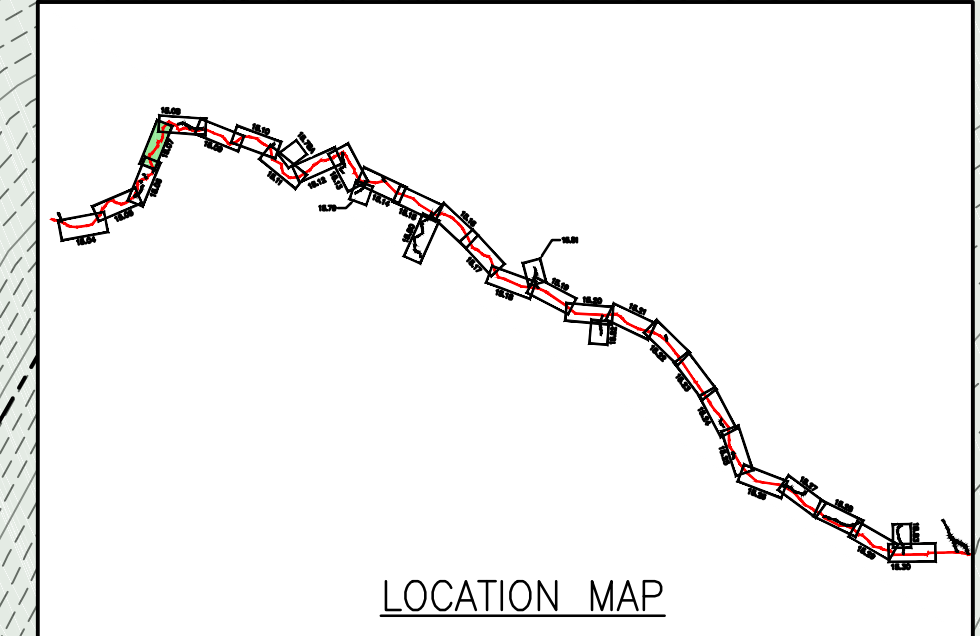
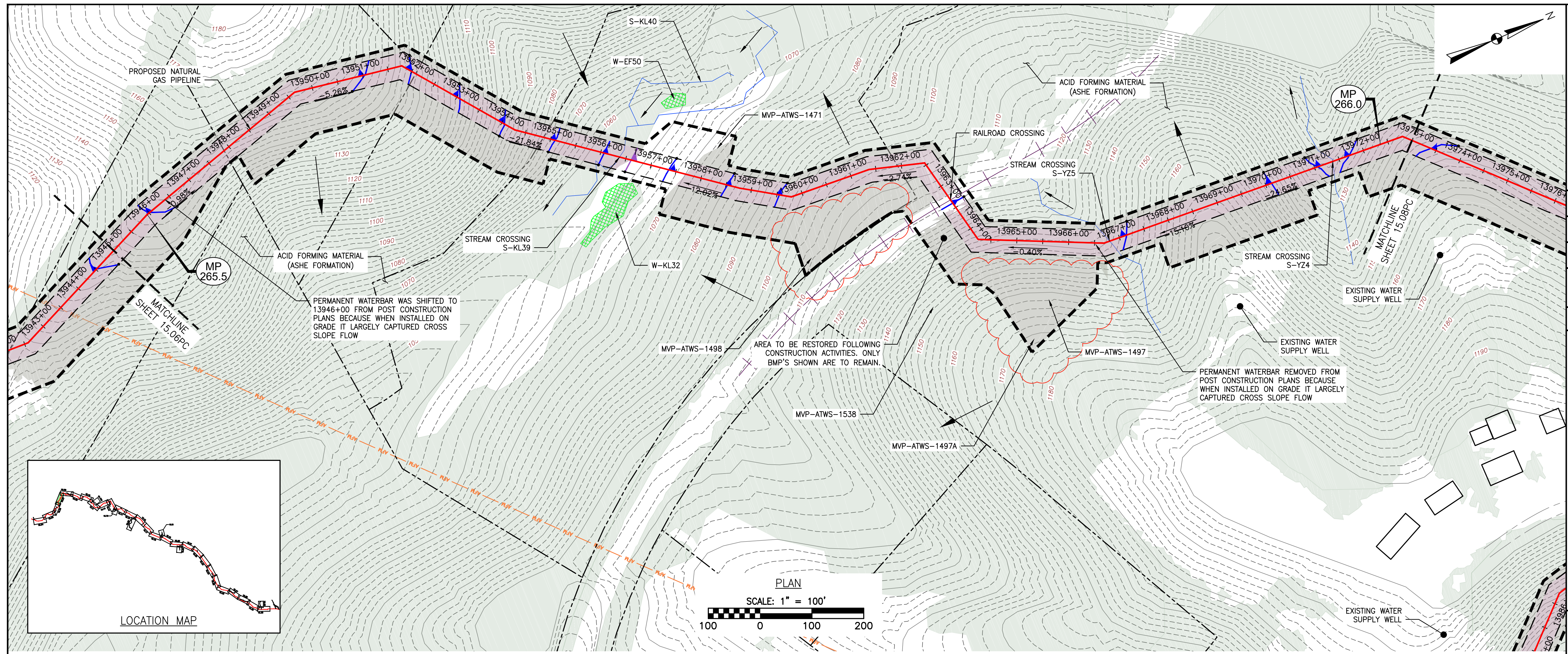


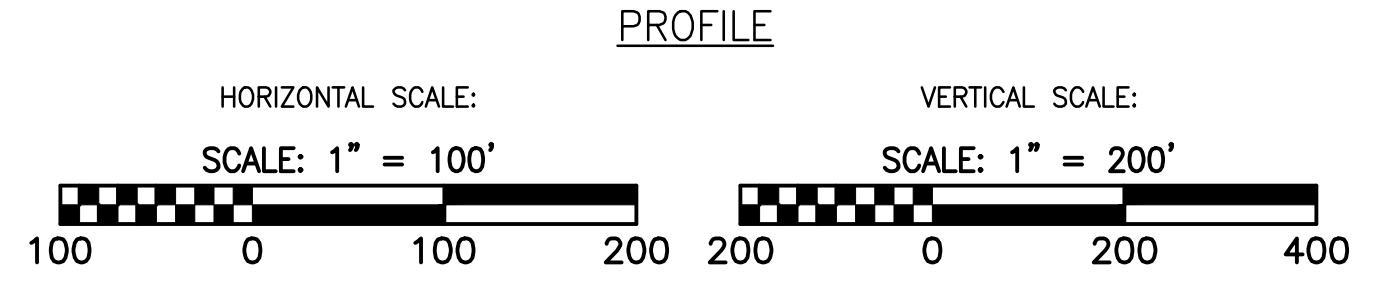
By virtue of this seal and signature, all supporting documents included in this package are accurate and support the design presented herein.





LEGEND

—	EXISTING CULVERT	—	PROPOSED LEVEL SPREADER DIVERSION
—	STREAM	—	PROPOSED LEVEL SPREADER
---	EXISTING PROPERTY LINE	---	PROPOSED ACCESS ROAD CENTERLINE
---	EXISTING STATE LINE	---	PROPOSED PIPELINE
---	EXISTING COUNTY LINE	---	SURFACE WATER FLOW DIRECTION
---	EXISTING ROAD/TRAIL	---	POND
---	USDA FOREST SERVICE (NATIONAL FOREST) LANDS	---	WETLAND
---	APPALACHIAN NATIONAL SCENIC TRAIL	---	PROPOSED CULVERT WITH OUTLET PROTECTION (SEE DETAILS MVP-ES7, 7.1)
---	ACID FORMING MATERIAL	---	APPROXIMATE LOCATION OF WATER BAR END TREATMENTS (PENDING FIELD CONDITIONS)
---	GRASS-LINED CHANNEL (SEE DETAIL MVP-ES39)	---	STREAM FLOW DIRECTION
---	PROPOSED LIMIT OF DISTURBANCE	---	FEMA 100 YEAR FLOODPLAIN
---	PROPOSED PERMANENT RIGHT OF WAY	---	PERMANENT WATER BAR 10' END TREATMENT
		---	PERMANENT WATER BAR 15' END TREATMENT
		---	PERMANENT WATER BAR 20' END TREATMENT
		---	STEEP SLOPE AREA
		---	EXISTING FOREST
		---	PERMANENT EASEMENT RESTORED TO MEADOW CONDITION
		---	TEMPORARY EASEMENT RESTORED TO BRUSH CONDITION



NOTES:

- NOTE THAT ALL WATER BARS REGARDLESS OF SPECIFIED CALCULATION LENGTH ARE TO BE INSTALLED WITH 20-FT END TREATMENT LENGTHS, EXCEPT AS NOTED IN NOTE 2 BELOW.
- IN AREAS OF RIDGETOP AS NOTED IN THE TABLE ON THE KEY PLAN OF THIS PLAN SET, WATER BARS WITH END TREATMENT LENGTHS OF 10-FT WILL BE PLACED ON EITHER END.

NO.	DATE	CHKD.	APPD.	DESCRIPTION
7	08/09/18	JUZ	DW	FIELD MODIFICATION
6	03/21/18	KAL	DW	ADDRESS VADEQ COMMENTS
5	03/16/18	KAL	DW	ADDRESS VADEQ COMMENTS
4	03/04/18	KAL	DW	ADDRESS VADEQ COMMENTS
3	02/20/18	KAL	DW	RESUBMISSION USING APPROVED STORMWATER METHODOLOGY
2	11/21/17	KAL	DW	ADDRESS VADEQ COMMENTS

REVISIONS:

POST CONSTRUCTION (STORMWATER & RESTORATION) PLANS
MOUNTAIN VALLEY PIPELINE PROJECT - H600 LINE
SPREAD 11 - FRANKLIN COUNTY, VIRGINIA

MOUNTAIN VALLEY PIPELINE, LLC
555 SOUTHPOINTE BOULEVARD, SUITE 200
CANONSBURG, PA 15317

TETRA TECH
complex world | CLEAR SOLUTIONS™

661 ANDERSEN DRIVE
FOSTER PLAZA 7
PITTSBURGH, PA 15220

POST CONSTRUCTION (STORMWATER & RESTORATION) PLANS

DAVID J. WALLNER
Lic. No. 0402057593
PROFESSIONAL ENGINEER

DRAWN BY:	JUZ
CHECKED BY:	RE
APPROVED BY:	DW
DATE:	08/09/2018
SCALE:	AS SHOWN
SHT. NO. 15.07PC OF 15.93PC	7 REVISION