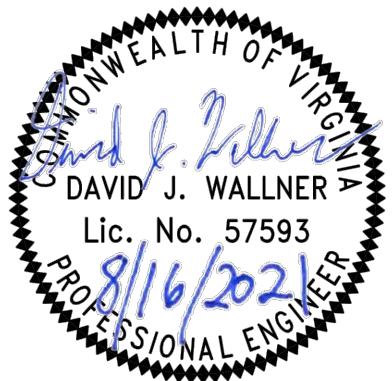


SECTION A-A



NOTES:

1. INSTALL 18" (MIN) CULVERT WHEN PIPELINE GRADE <6%, AND INSTALL 12" (MIN) CULVERT WHEN PIPELINE GRADE ≥6% (SEE DETAIL MVP-17.2).
2. TYPICAL INTENDED FOR INSTALLATION ON STEEP SLOPES AT THE DISCRETION OF MVP FOR EROSION PROTECTION DURING PERIOD THAT TRENCH REMAINS OPEN.

Plotted by: Rickabough, Greg on: August 16, 2021 - 3:47 PM

DRAWN	JWK	DATE	08/16/2021
CHECKED	RJE	DATE	08/16/2021
APP'D	DJW	DATE	08/16/2021
SCALE	N.T.S.	SHEET	1 OF 1
JOB NO.			
PROJECT ID:			
MVP - VA PORTION			



DESIGN ENGINEERING

TYPICAL CONSTRUCTION DETAIL

TEMPORARY OPEN TRENCH CROSSING AT WATERBAR	
DRAWING NO.	REV.
MVP-17.1B	0

Date: 08/16/2021

Re: Review of Major Plan Modifications in Virginia

To fulfill the requirement in Mountain Valley Pipeline, LLC's (MVP) Annual Standards & Specifications (AS&S) for the Program Administrator to review and approve major modifications to ESC plans, SWM plans, and SWPPPs, MVP's certified Plan Reviewer has provided me with copies of the major modifications for final review and approval by DEQ. The following revisions have been approved by MVP's certified Plan Reviewer:

Project: Mountain Valley Pipeline Project—H600 Line

Submittal/Modification Name: MVP-17.1B (Temporary Open Trench Crossing at Waterbar)

Files Included: MVP-17.1B

MVP-17.1B Supporting Calcs

Excel CC-4 Tech Specs

I have verified that each modification as being consistent with MVP's AS&S. Based on my review of the attached information, I hereby approve the major modifications noted therein.

A handwritten signature in blue ink, appearing to read "Cory Chalmers".

Cory Chalmers
Senior Environmental Coordinator & Lead Program Administrator
Mountain Valley Pipeline

cc: MVP certified Plan Reviewer (email)