

Doddridge County, WV Floodplain Management

This permit gives approval for the development/project listed that impacts the FEMA-designated floodplain and/or floodway of Doddridge County, WV, pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance. *This permit must be posted at the site of work as to be clearly visible and must remain posted during entirety of development.*

Permit #: 24-669

Date Approved: November 25, 2024 Expires: November 25, 2025

Issued to: Antero Midstream POC: Anthony Ludovici

Company Address: 535 White Oaks Blvd. Bridgeport, WV 26330

Project Address: Dotson Run Crossing 1, Dotson Run Crossing 2, Cabin Run Crossing

Firm: 54017C0100C Lat/Long: 39.277425, -80.906045 54017C0100C 39.274834, -80.899607

54085C0125C 39.242776, -80.894586

Purpose of development: Waterline/Pipeline

Issued by: George C. Eidel, Doddridge County FPM (or designee)

Date: November 25, 2024

For additional information regarding this permit, please contact Doddridge County Floodplain Manager at 304.873.1343, or via email at geidel@doddridgecountywv.gov

99 Court Street Suite128; West Union, WV 26456

FP#24-669

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Than		corlas	DATE 10/1/2024	
D B	,	\$ 3,900	1	3942
*	Details of Reeck	Security	19-10/1250	421

FLOODPLAIN PERMIT #24-669

Antero Midstream, Doddridge / Ritchie Line, 3 Stream Crossings, see floodplain notice for coordinates

TASK	COMPLETE (DATE)	NOTES
CHECK RECEIVED	10/9/2024	
US ARMY CORP.		See Permitting & Coordination Table
ENGINEERS (USACE)		
US FISH & WILDLIFE		See Permitting & Coordination Table
SERVICES (USFWS)		
WV DEPT. NATURAL		See Permitting & Coordination Table
RESOURCES (WVDNR)		
WV DEPT. ENVIROMENTAL		See Permitting & Coordination Table
PROTECTION (WVDEP)		Con Dormitting 9. Coordination Table
STATE HISTORIC &		See Permitting & Coordination Table
PRESERVATION OFFICE		
(SHPO)		See Permitting & Coordination Table
OFFICE of LAND & STREAM		See Fernitting a coordination rusic
(OLS) WVDOH		See Permitting & Coordination Table
Elevation Certificate	N/A	
	IV/A	
DATE OF COMMISSION	11/5/2021	
READING	11/5/2024	
DATE AVAILABLE TO BE		
GRANTED	11/25/2024	
PERMIT GRANTED		
COMPLETE		
7022 1670 0003 1400 989°	3	7022 1670 0003 1400 9837
7022 1670 0003 1400 988		7022 1670 0003 1400 9820
7022 1670 0003 1400 9879		7022 1670 0003 1400 9813
7022 1670 0003 1400 9868		7022 1670 0003 1400 9806
7022 1670 0003 1400 9851		7022 1670 0003 1400 9790
		7022 1670 0003 1400 9783
7022 1670 0003 1400 984	+	במין חחדת כחחם חיום כ



Doddridge County Floodplain Permits

(Week of October 14, 2024)

Please take notice that on the (9th) of (October), 2024, (Antero Midstream) filed an application for a Floodplain Permit (#24-669) to develop land located at or about (Doddridge / Ritchie Line);

Coordinates: 3 Stream crossings 39.277425, -80.906045 Dotson #1, 39.274834, -80.899607 Dotson #2 and 39.242776, -80.894586 Cabin run. The Application is on file with the Floodplain Manager of the County and may be inspected or copied during regular business hours in accordance with WV Code Chapter 29B Freedom of Information, Article 1 Public Records and county policy and procedures. Any interested persons who desire to comment shall present the same in writing by (November 25, 2024) (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Floodplain Manager of the County at 99 Court Street, Suite 128, West Union, WV 26456. This project is Annie to Lynn Camp Waterline

GEORGE C. EIDEL, CFM

Doddridge County Floodplain Manager

George Eidel

From:

Matthew Albright < MAlbright@kleinfelder.com>

Sent:

Tuesday, October 8, 2024 1:59 PM

To:

George Eidel < GEidel@doddridgecountywv.gov>

Cc:

Anthony J. Ludovici (aludovici@anteroresources.com)

Subject:

Antero Midstream: Annie to Lynn Camp Waterline - Doddridge County Floodplain

Application

Hi George,

On behalf of Antero Midstream (Antero), Kleinfelder, Inc. is submitting a floodplain application for the proposed Annie to Lynn Camp Waterline (Waterline). The floodplain application can be found at the below link, which indicates that the proposed Waterline will cross regulated floodplains within Doddridge County.

Today, we will be mailing (via Fed-Ex) a hard copy of this application to your office along with the permit fee.

Please address any questions or comments regarding this correspondence to Anthony Ludovici of Antero. He is cc'd on the email and his contact information is provided below.

Anthony Ludovici Environmental Specialist II Antero Midstream 535 White Oaks Boulevard Bridgeport, WV 26330 (304) 627-9120 aludovici@anteroresources.com

1. 20241008_Annie to Lynn Camp WL_DoddridgeCo_Floodplain App-Final.pdf (203.04 MB) in Antero https://kleinfelderupstream.filegenius.com/downloadPublic/xsmzrpfucm59mom

This link will expire on 01/06/25 at 12:57 pm EST

Thanks,

Matt Albright

Project Manager 51 Dutilh Rd., Suite 240 Cranberry Township, PA 16066 ml 609.947.5296





TRANSMITTAL

To:

Mr. George Eidel Floodplain Manager 99 Court Street, Suite 128 West Union, WV 26456 Date: October 8, 2024

cc: Project File

Subject: Doddridge County Floodplain Permit Application Antero Midstream Annie to Lynn Camp Waterline Doddridge and Ritchie Counties, West Virginia						
			Attached		Under separate cover	
Via: Messenger/Courier First Class Mail FedEx United Parcel DHL Lone Star Overnigh Freight Other Transmitted: As Requested For Approval For Your Use For Review & Comment		of the above Attachment Attachment Attachment App App App Attachment The attachment Coordinati	ve referenced a at A – Floodplain at B – Table of P at C – No-Rise Co pendix A - WV For pendix B - Permit endix C – Nation endix D - Componiata at D – Permitting ed check for feet pents within the	oplication Application Applicate roperty O ertificate lood Tool itting Plan nal Stream arison for e is \$3,900 Floodpla	ion wners Map is nflow Statistics – Drainage A Calculated Flows - HEC-RA	Area AS Excel

By: Matt Albright

Project Manager 51 Dutilh Rd., Suite 240 Cranberry Township, PA 16066 MAlbright@Kleinfelder.com m| 609.947.5296



ATTACHMENT A FLOODPLAIN APPLICATION



Permit# 24-669

NNNie to Lynn Camp

Project Water / Name:

Permittees Name: ANtero Midstream

Doddridge County, WV

Floodplain Development Permit Application

This document is to be used for projects that impact/potentially impact the FEMA---designated floodplain and/or floodway of Doddridge County, WV pursuant to the rules and regulations established by all applicable Federal, State and local laws and ordinances, including the Doddridge County Floodplain Ordinance.

SECTION 1: GENERAL PROVISIONS (APPLICANT TO READ AND SIGN)

- 1. No work may start until a permit is issued.
- 2. The permit may be revoked if any false statements are made herein.
- 3. If revoked, all work must cease until permit is re-issued.
- 4. The permit will expire if no work is commenced within six months of issuance.
- 5. Applicant is hereby informed that other permits may be required to fulfill local, state, and federal requirements.
- 6. Applicant hereby gives consent to the Floodplain Administrator/Manager or his/her representative to make inspections to verify compliance.
- 7. I THE APPLICANT CERTIFY THAT ALL STATEMENTS HEREIN AND IN ATTACHMENTS TO THIS APPLICATION ARE, TO THE BEST OF MY KNOWLEDGE, TRUE AND ACCURATE.

APPLICANT'S SIGNATURE	Anthony Ludovici	
DATE	10/08/2024	

Applicant Information:

Please provide all pertinent data.

Midstream	
ikoop Street	
State: CO	Zip: 80202
7	
Corporate DI	JNS: N/A
rces.com	
s Blvd	
State: WV	Zip: 26330
Ludovici	
120	
nteroresources.com	
idovici	
llist II	
9120	
nteroresources.com	
	Corporate DI Irces.com Is Blvd State: WV Ludovici 120 Iteroresources.com Idovici Idist II

Project Narrative:

Describe in detail the proposed development including project name/title, type of development, estimated start and completion timeline, and its potential impact on the floodplain. Use additional copies of this page as needed.

Project Narrative:

Antero Midstream (Antero) is proposing water pipeline installation activities in Ritchie and Doddridge Counties, West Virginia (WV), known as the Annie to Lynn Camp Waterline (Pipeline) and consists of:

- •The Annie to Frame Surface Waterline (SWL), which is approximately 6.7 miles of one 18-inch diameter water pipeline; and
- •The Patriot to Lynn Camp SWL, which is approximately 7.3 miles of one 18-inch diameter water pipeline and approximately 0.6 miles of an additional 18-inch diameter water pipeline.

Segments of the proposed water pipeline will be installed subsurface within a 50.7-acre limit of disturbance (LOD). Other segments of the proposed water pipeline will be placed on the ground surface, which will not result in ground disturbance. Vehicle access to the construction corridor will be through existing and proposed access roads. The northern terminus occurs at 39.327592, -80.923203, while the southern terminus occurs at 39.213921, -80.945335.

Portions of the Pipeline are located within the limits of the regulated floodplains of Dotson Run (2 locations) associated with the Annie to Frame SWL and Cabin Run (1 location) associated with the Patriot to Lynn Camp SWL in Doddridge County. A portion of the Cabin Run floodplain crossing is also within Ritchie County, therefore coordination with the Ritchie County Floodplain Coordinator will be performed under separate application.

West Virginia Flood Tool Maps for the Dotson Run floodplain crossings associated with the Annie to Frame SWL and the Cabin Run floodplain crossing associated with the Patriot to Lynn Camp SWL are included in Appendix A of Attachment C (No Rise Certificates) and depict the approximate locations where work associated the proposed Pipeline will encroach upon the floodplains.

Construction activities within the floodplain include the following:

Dotson Run - Crossing 1

Horizontal directional drilling (HDD) and contingency work in the event the HDD is abandoned, which includes installation of a 18-inch diameter subsurface water pipeline, native backfill, temporary structure (dam and flume or equivalent) crossing materials, jersey barrier/pier installations for timber mat crossing (~16 feet x 24 feet) of Dotson Run for equipment, and necessary workspace associated with pipeline construction.

Dotson Run - Crossing 2

Temporary access road installation with a temporary timber mat bridge (~16 feet x 24 feet) for equipment and necessary workspace associated with pipeline construction.

Floodplain Development Permit Application
Cabin Run Crossing
Surface and subsurface installation of the 18-inch diameter water pipeline, native backfill, temporary structure (dam and flume or equivalent) crossing materials, timber mat crossings of a wetland, jersey barrier/pier installations for timber mat crossing (~16 feet x 28 feet) of Cabin Run for equipment, rock construction entrances, and necessary workspace associated with pipeline construction.
A No-Rise Certification for the two Dotson Run floodplain crossings and a No-Rise Certification for the one Cabin Run floodplain crossing are included as Attachment C. Each No-Rise Certification indicates that the proposed Pipeline will not impact the 100-year flood elevations and not adversely affect adjacent properties.
Permitting plans associated with the Annie to Frame SWL, which includes the Dotson Run floodplain crossings and the Patriot to Lynn Camp SWL, which includes the Cabin Run floodplain crossing, are included in Appendix B of Attachment C (No Rise Certificates).
A permitting and coordination table is included in Attachment D that outlines all necessary permits and current status.

Proposed Development:

Please check all elements of the proposed project that apply.

DESCRIPTION OF WORK (CHECK ALL APPLICABLE BOXES)

A. STRUCTURAL DEVELOPMENT

	<u>AC</u>	<u>TIVITY</u>				STRUCTU	RAL TYPE
[]	New Struct	ure			[]	Residential	(1 – 4 Family)
[]	Addition	Addition			[]	Residential	(more than 4 Family)
[]	Alteration			[]	Non-reside	ntial (floodproofing)	
[]	Relocation			[]	Combined Use (res. & com.)		
[]	Demolition	l			[]	Replaceme	nt
[]	Manufactu	ıred/Mo	bil Home				
В.	OTHER DE	VELOPI	LMENT ACTI	VITIES:			
[]	Fill	[]	Mining	[]	Drillin	g [x]	Pipelining
[]	Grading						
[x]	Excavation	(except	for STRUCTUR	AL DEVE	LOPMEN	T checked ab	ove)
[]	Watercour	se Altera	ation (including	g dredgir	ng and cha	annel modific	cation)
[]	Drainage Ir	nproven	nents (includin	g culver	t work)		
[]	Road, Stree	et, or Bri	dge Constructi	ion			
[]	Subdivision	ı (includi	ing new expan	sion)			
[]	Individual \	Water or	Sewer System	า			
[]	Other (plea	se speci	fy)				
		_					

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

sice/11operty inion	mation:			
Legal Description: A	nnie to Lynn Camp	Waterline (Dotson Rur	1)	
Dhysical Address (0)	11 Address Old US	50, Pennsboro, WV 264	115	
Decimal Latitude/Lo				
DMS Latitude/Longi		0,-00.303803		
District: 1 (Central)	Map: N	N/A		See Attachment B ty Owner Table
Land Book Descripti	on: N/A	TI .		
Deed Book Reference	e: N/A			
Tax Map Reference:	N/A		7	
	1			
Existing Buildings/I	Jse of Property: N/A	1		
Floodplain Location	Data: (to be comple	eted by Floodplain Mana	iger or desi	ignee)
	Data: (to be comple Number:	eted by Floodplain Mana Panel:	iger or desi	Suffix:
Floodplain Location Community: Location (Lat/Long)	Number:			Suffix:
Community:	Number:	Panel:	eElevation	Suffix:
Community:	Number:	Panel: Approximate Estimated Bl	eElevation FE:	Suffix:

Development Site/Property Information:

Please provide physical description of the site/property, along with pertinent ownership (surface and mineral rights) data as applicable. Attach appropriate maps from the WV Flood Tool showing location of proposed development. Use additional copies of this page if development spans multiple property boundaries. Designate each property by number (i.e. Property 1 of 1, Property 2 of 7, etc.)

Site/Property Inform	nation				
		n Camp Water	rline (Cahin Dun)		
Legal Description: A	nnie to Lyn	n camp water	riine (Cabin Run)		
Physical Address/91	1 Address:	CR 10/2, Pen	nsboro, WV 26415		
Decimal Latitude/Lo	ongitude: 3	9.242776, -80	.894586		
DMS Latitude/Longi	tude: N/A				1
District: 1 (Central)	& 3 (Clay)	Map: N/A			See Attachment B
				Proper	ty Owner Table
Land Book Descripti	on: N/A				
Deed Book Referenc	e: N/A				
Tax Map Reference:	N/A				
					-
Existing Buildings/U	Ice of Prone	arty: N / A			
Existing Dunumgs/	osc of Frope	City. N/A			
Floodplain Location	Data: (to be	e completed by	y Floodplain Manag	er or desi	ignee)
Community:	Nu	mber:	Panel:		Suffix:
Location (Lat/Long)	:		Approximate	Elevation	•
, ,					
			Estimated BFE	i:	
Is the development in the floodway?		way?	Is the develop	ment in t	he floodplain?
Is the development	Ves No		Yes	□ _{No}	Zone:
Is the development	No		- res		
	No		_ res		

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: __1_ of _6__

Property Owner Data:			AL SHOW
Name of Primary Owner (PO): Pe	rkins Land Company LLC		
PO Address: P.O. Box 547			
City: Pennsboro	State: WV	Zip: 26415	
PO Primary Phone: N/A			
PO Secondary Phone: N/A			
PO Primary Email: N/A			

Surface Rights Owner Data:		
Name of Primary Owner (PO): N/A		
PO Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Mineral Rights Owner Data: (A	As Applicable)	
Name of Primary Owner (PO)	: N/A	
PO Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: __2_ of _6__

Property Owner Data:			
Name of Primary Owner (PO): Lip	scomb Danny Lee & Kerri Jo	(Surv)	
PO Address: PO Box 97			
City: Smithburg	State: WV	Zip: 26436	
PO Primary Phone: N/A			
PO Secondary Phone: N/A			
PO Primary Email: N/A			

Surface Rights Owner Data:			
Name of Primary Owner (PO): N/A			
PO Address: N/A			
City: N/A	State: N/A	Zip: N/A	
PO Primary Phone: N/A			
PO Secondary Phone: N/A			
PO Primary Email: N/A			

Mineral Rights Owner Data: (As	Applicable)	
Name of Primary Owner (PO): N	I/A	
PO Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A	9 light	
PO Primary Email: N/A		

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: __3_ of _6__

Property Owner Data:		
Name of Primary Owner (PO): R	tobinson Anne	
PO Address: 901 Corporate Cen	ter Drive	
City: Pomona	State: CA	Zip: 91768
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Surface Rights Owner Data:			
Name of Primary Owner (PO): N	I/A		
PO Address: N/A			
City: N/A	State: N/A	Zip: N/A	
PO Primary Phone: N/A			
PO Secondary Phone: N/A			
PO Primary Email: N/A			

Mineral Rights Owner Data: (As	Applicable)		
Name of Primary Owner (PO):	N/A		
PO Address: N/A			
City: N/A	State: N/A	Zip: N/A	
PO Primary Phone: N/A			
PO Secondary Phone: N/A			
PO Primary Email: N/A			

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: __4_ of _6__

Property Owner Data:		
Name of Primary Owner (PO): D	otson Katrina Danean	
PO Address: 2054 Northwest Tu	rnpike	
City: Pennsboro	State: WV	Zip: 26415
PO Primary Phone: N/A		
PO Secondary Phone: N/A	V 127.2	
PO Primary Email: N/A		

Surface Rights Owner Data:			
Name of Primary Owner (PO): N/A			
PO Address: N/A			
City: N/A	State: N/A	Zip: N/A	
PO Primary Phone: N/A			
PO Secondary Phone: N/A		The same starts and the same starts are same starts are same starts and the same starts are same starts are same starts are same starts and the same starts are same starts are same starts and the same starts are same starts are same starts and the same starts are same starts and the same starts are same starts are same starts are same starts and the same starts are same starts are same starts are same starts and the same start are same starts are same starts and the same starts are same starts are same starts and the same starts are same starts and the same starts are same starts are same starts and the same starts are same starts are same starts and the same starts are same starts are same starts and the same starts are same starts are same starts and the same starts are same starts and the same starts are same starts are same starts and the same starts are same starts are same starts are same starts and the same starts are same starts are same starts and the same starts are same starts are same starts are same starts and the same start are same starts are same starts and the same starts are same starts are same starts and the same starts are same starts are same starts are same starts and the same starts are same starts are same starts are same starts are same starts and the same starts are same starts and the same starts are same starts are same starts are same starts and the same starts are same starts are same starts and the same starts are same starts are same starts and the same starts are same starts	
PO Primary Email: N/A			

Mineral Rights Owner Data: ('As Applicable)	
Name of Primary Owner (PO)): N/A	
PO Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		
		1

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation:5_ of _6_	_
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Property Owner Data:			
Name of Primary Owner (PO): W	V Railroad Maintenance Autl	hority	
PO Address: P.O. Box 470			
City: Moorefield	State: WV	Zip: 26836	
PO Primary Phone: N/A			
PO Secondary Phone: N/A			
PO Primary Email: N/A			

Surface Rights Owner Data:			
Name of Primary Owner (PO)	: N/A		
PO Address: N/A		- C 132	
City: N/A	State: N/A	Zip: N/A	
PO Primary Phone: N/A			
PO Secondary Phone: N/A			
PO Primary Email: N/A			

Mineral Rights Owner Data: (As A	pplicable)		
Name of Primary Owner (PO): N/	A		
PO Address: N/A			
City: N/A	State: N/A	Zip: N/A	
PO Primary Phone: N/A			
PO Secondary Phone: N/A			_
PO Primary Email: N/A			

Property Owner Data:

Please provide data on current site/property landowner(s), both surface and mineral rights (as applicable). Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: __6_ of _6__

Property Owner Data:			
Name of Primary Owner (PO): W	aco Oil & Gas Co Inc		
PO Address: P.O. Box 397			
City: Glenville	State: WV	Zip: 26351	
PO Primary Phone: N/A			
PO Secondary Phone: N/A			
PO Primary Email: N/A			

Surface Rights Owner Data:			
Name of Primary Owner (PO): N/A			
PO Address: N/A			
City: N/A	State: N/A	Zip: N/A	
PO Primary Phone: N/A			
PO Secondary Phone: N/A	_		
PO Primary Email: N/A			

Mineral Rights Owner Data: (As	Applicable)	
Name of Primary Owner (PO):	N/A	
PO Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Contractor Data:

Please provide all pertinent data for contractors and sub---contractors that may be participating in this project. Use additional copies of this page as needed. Designate each page in relation to each property listed above.

Property Designation: __1 of _1

Contractor/SubContractor (C/SC) Infor	mation:	
C/SC Company Name: One contractor to (#WV049594), Apex Pipeline Services, LLC (#WV050096), Entegra Energy Sol	Inc. (WV040540), Integ	grity Kokosing Pipeline Services
C/SC Company Name: See Above		
C/SC WV License Number: See Above		
C/SC FEIN: TBD	C/SC DUNS: T	BD
Local C/SC Point of Contact (POC): TBD		
Local C/SC POC Title: TBD		
C/SC Mailing Address: TBD		
City: TBD	State: TBD	Zip-•-Code: TBD
Local C/SC Office Phone: TBD	•	
Local C/SC POC Phone: TBD		y
Local C/SC POC E-•-Mail: TBD		

Engineer Firm Information:		
Engineer Firm Name: Kleinfelder, Inc	. (No-Rise Certs Only)	
Engineer WV License Number: 25121		
Engineer Firm FEIN: N/A	Engineer Fir	m DUNS: N/A
Engineer Firm Primary Point of Conta	act (POC): Matt Albright	
Engineer Firm Primary POC Title: Pro	oject Manager	5
Engineer Firm Mailing Address: 51 D	utilh Road, Suite 240	
City: Cranberry Twp.	State: PA	Zip-•-Code: 16066
Engineer Firm Office Phone: 724-772	-7072	
Engineer Firm Primary POC Phone: 6	09-947-5296	
Engineer Firm Primary POC E-•-Mail: M	Albright@kleinfelder.co	om

Adjacent and/or Affected Landowners Data

Please provide data for all adjacent and/or affected surface owners (both up and down stream) whose property may be impacted by proposed development as demonstrated by a floodplain study or survey. Use additional copies of this page as needed.

Adjacent Property Owner Data:	Upstream	
Name of Primary Owner (PO): S	ee Table of Property Owners (Attachment B)
Physical Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data: Up	stream		
Name of Primary Owner (PO): N/A			
Physical Address: N/A			
City: N/A	State: N/A	Zip: N/A	
PO Primary Phone: N/A			
PO Secondary Phone: N/A			
PO Primary Email: N/A			

Adjacent Property Owner Data	a: Downstream	
Name of Primary Owner (PO):	See Table of Property Owners ((Attachment B)
Physical Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Adjacent Property Owner Data	: Downstream	
Name of Primary Owner (PO):	N/A	
Physical Address: N/A		
City: N/A	State: N/A	Zip: N/A
PO Primary Phone: N/A		
PO Secondary Phone: N/A		
PO Primary Email: N/A		

Site Plan

A Site Plan is an accurate and detailed map of the proposed development for this project. It shows the size, shape, location and special features of the project property, and the size and location of any development planned to the property, especially as that development will impact the floodplain and/or floodway. Site plans show what currently exists on the project property, and any changes or improvements you are proposing to make. A certified and licensed engineering firm should complete site plans.

A SITE PLAN MUST CONTAIN THE FOLLOWING INFORMATION:

- 1. Legal description of the parcel, north arrow and scale
- 2. All property lines and their dimensions
- 3. Names of adjacent roads, location of driveways
- 4. Location of sloughs, tributaries, streams, rivers, wetlands, ponds, and lakes, with setbacks indicated, and including FEMA floodplain data based on most updated FIRM.
- 5. Location, size, shape of all buildings, existing and proposed, with elevation of lowest floor indicated.
- 6. Location and dimensions of existing or proposed on---site sewage systems.
- 7. Location of all propane tanks, fuel tanks or other liquid storage tanks whether above ground or below ground level.
- 8. Location and dimensions of any proposed pipeline placement(s) into floodplain/floodway.
- 9. Location and dimensions of any roadway development into floodplain/floodway. (Includes initial development access roads)
- 10. Location and dimensions of any bridge and/or culvert development into floodplain/floodway.
- 11. Location and dimensions of any storage yard or facility into the floodplain/floodway.
- 12. Location of any existing utilities and/or proposed utility placement and/or displacement.
- 13. Location, dimensions and depth of any existing or proposed fill on site.
- 14. A survey showing the **existing ground elevations** of at least location on the building site. **ELEVATION NOTE**: All vertical datum will reference either NGVD 29 or NAVD 88. Assumed datum will not be acceptable unless the property is located in an area where vertical datum has not been published. For those areas where vertical datum has not been established, a site plan with contours, elevations using assumed datum, high water marks and existing water levels of sloughs, rivers, lakes or streams and proposed lowest floor elevation.

Applicant

Please read print name, sign and date below:

- I certify that I am authorized to submit this application for the primary project developer.
- I certify that the information included in this application is to the best of my knowledge true and complete.
- I certify that all required Federal, State, and local permits required by law and/or ordinance for the above described development of this project have will be properly attained, are current and valid, and must be presented prior to a Doddridge County Floodplain Permit being issued.
- I understand that if in the course of the development project additional permits become
 required that were not needed during the initial proposal, the primary developer must notify the
 Doddridge County Floodplain Manager within 48 hours of such need, and that a "Stop Work"
 order may be issued for all project work directly impacting the floodplain or floodway, until such
 time the required additional permits are acquired.
- I understand that once the floodplain permit is submitted, the application will be entered into
 official public record at the next regularly scheduled Doddridge County Commission meeting
 after the date of submittal.
- I understand that from the date of submittal of the fully completed permit application, the
 Doddridge County Floodplain Manager has ninety (90) days to make a determination to either
 grant or deny said permit application. During this approval period, the Doddridge County
 Floodplain Manager may, at his or her discretion, conduct a review and/or additional study of
 provided documentation by means of an independent engineering firm. All costs associated with
 said review and/or study must be reimbursed to the County before issuance of approved permit.
- I understand that during the approval period, the Doddridge County Floodplain Manager of designee may at his or her discretion conduct site visits and document conditions of proposed development pursuant to the permit application.
- I understand that once the Floodplain Permit is granted, the permit will be entered into official public record. Appeals to the permit may be made no later than twenty (20) days after said issuance. If a valid appeal is submitted, as determined by the Doddridge County Floodplain Manager, a "Stop Work" order will be issued for all project development directly involving the floodplain or floodway. A public hearing by the Doddridge County Appeals Board will be scheduled no less than ten (10) days after the next regularly scheduled Doddridge County Commission meeting.
- I understand that all decisions of the Doddridge County Appeals Board shall be final.
- I understand issuance of a Floodplain Permit authorizes me to proceed with construction as proposed.
- In signing this application, the primary developer hereby grants the Doddridge County Floodplain Manager or designee the right to enter onto the above---described location to inspect the development work proposed, in progress, and/or completed.
- I understand that if I do not follow exactly the site---plan submitted and approved by this permit
 that a "Stop Work" order may be issued by the Doddridge County Floodplain Manager and that
 I must stop all construction immediately until discrepancies of actual work vs. proposed work is
 resolved.

Applicant Signature: Anthony Ludovici	Date:	10/08/2024
Applicant Printed Name: Anthony Ludovici		



ATTACHMENT B TABLE OF PROPERTY OWNERS

Table of Property Owners

415 YES (UPSTREAM) ENNSBORO, YES (UPSTREAM) 415 YES (UPSTREAM) YES VILLE, MD YES (UPSTREAM)	PO BOX 397, GLENVILLE, WV 26351 C/O ALTUS GRP US INC, P O BOX 1826, COCKEYSVILLE, MD 21030	o c-art aggress loging in this barcer		
	PO BOX 397, GLENVILLE, WV 26351		43-03-0032-0009-0000	ANTERO RESOURCES CORPORATION
		0 E-911 address found in this parcel	43-03-0037-0001-0000	WACO OIL & GAS CO INC
	3642 NW TURNPIKE, PENNSBORO, WV 26415	3642 NW TURNPIKE, PENNSBORO, WV 26415	09-01-0008-0020-0000	ROBINSON JO ANN
	%BRENDA JOYCE TREMELL, 729 LYNN CAMP RD, PENNSBORO, WV 26415	0 E-911 address found in this parcel	09-01-0008-0042-0000	MCKINNEY MATTHEW & BARBARA & TREMELL BRENDA JOYCE
	2054 NW TURNPIKE, PENNSBORO, WV 26415	0 E-911 address found in this parcel	09-01-0008-0002-0000	WHITE KATRINA DANEAN (DOTSON)
WV 26415 YES (UPSTREAM)	EMMA SANDRIDGE, 3204 NW TPKE, PENNSBORO, WV 26415	3222 NORTHWEST TPKE, PENNSBORO, WV, 26415	09-01-0008-0009-0000	MCKINNEY MATTHEW & BARBARA & TREMMELL BRENDA JOYCE
Yes	P O BOX 470, MOOREFIELD, WV 26836	0 E-911 address found in this parcel	09-01-0008-0043-0000	WV RAILROAD MAINTENANCE AUTHORITY
5 YES	2054 NW TPKE, PENNSBORO, WV 26415	156 SUGAR RUN RD , PENNSBORO, WV, 26415 79 SUGAR RUN RD , PENNSBORO, WV, 26415	43-03-0027-0004-0000	DOTSON KATRINA DANEAN
/ 26505 YES (DOWNSTREAM)	781 CHESTNUT RIDGE RD, MORGANTOWN, WV 26505	3038 NORTHWEST TPKE , WEST UNION, WV, 26415 3032 NORTHWEST TPKE , WEST UNION, WV, 26415 3042 NORTHWEST TPKE , WEST UNION, WV, 26415	09-01-0008-0044-0000	HOPE GAS INC
YES (DOWNSTREAM)	PO BOX 335, PENNSBORO, WV 26415	0 E-911 address found in this parcel	09-01-0008-0017-0003	PAYNE ARTHUR G & MELISSA A (SURV)
26415 YES (UPSTREAM)	3640 NORTHWEST TPKE, PENNSBORO, WV 26415	3640 NORTHWEST TPKE, WEST UNION, WV, 26415	09-01-0018-0032-0000	LAMB DENVER BRANT
MONA, CA YES	%LERETA LLC, 901 CORPORATE CENTER DR, POMONA, CA 91768	220 A and B Ln , PENNSBORO, WV, 26415 160 A AND B LN , Pennsboro, WV, 26415	09-01-0008-0019-0000	ROBINSON ANNE
YES	PO BOX 97, SMITHBURG, WV 26436	3190 NORTHWEST TPKE, WEST UNION, WV 26415 3204 NORTHWEST TPKE, PENNSBORO, WV, 26415	09-01-0008-0009-0001	LIPSCOMB DANNY LEE & KERRI JO (SURV)
YES	P.O. BOX 547, PENNSBORO, WV 26415	2966 NORTHWEST TPKE, PENNSBORO, WV, 26415	43-03-0027-0005-0000	PERKINS LAND COMPANY LLC
IN FLOODPLAIN	PROPERTY OWNER ADDRESS	E-911 ADDRESS	PARCEL ID NUMBER	PROPERTY OWNER



ATTACHMENT C NO-RISE CERTIFICATE



This is to certify that I am a duly qualified registered professional engineer licensed to practice in the State of West Virginia.

It is further to certify that based on the information provided to me, and the attached technical data supports the fact, the floodplain encroachments for the Annie to Frame Surface Water Line – Dotson Run Crossings of a proposed 18" HDPE surface water line will not impact the 100-year flood elevation of Dotson Run at the two published sections in the Flood Insurance Study for Doddridge County (Community ID 540024) effective October 4, 2011 and will not impact the 100-year flood elevation at unpublished cross-sections in the vicinity of the proposed development. Work to be performed within the floodplain limits that was considered during the evaluation includes temporary disturbances associated with staging areas, equipment and supplies, stream crossing with a timber matting bridge with a jersey barrier/pier (Crossing One only) within the stream channel, and permanent improvements consisting of proposed subsurface 18" HDPE surface water line inside the stream channels and surface lines outside of the channels.

The proposed improvements will have two stream crossing locations along Dotson Run. Crossing One (1) is located south of Sunnyside Road (County Route 50/30) within Dotson Run west of Parcel 9-1-8-9.1 (Lipscomb Property) as shown on sheet 17 of the Permitting Plans included in this report in Attachment B. The total watershed (drainage basin) for the Dotson Run Crossing One (1) floodplain encroachments were shown to be 3.832 square miles, and maximum flows were calculated utilizing the National Streamflow Statistics (NSS) application available online. Crossing Two (2) is located west of Sunnyside Road (County Route 50/30) within Dotson Run and approximately 2.000-ft east of Crossing One (1) to provide a temporary access road (access road 6) to a proposed unpaved road as shown on sheet 24 of the Permitting Plans included in this report in Attachment B. The total watershed (drainage basin) for the Dotson Run Crossing Two (2) floodplain encroachments were shown to be 3.058 square miles, and maximum flows were calculated utilizing the National Streamflow Statistics (NSS) application available online. A Hydrologic Engineering Center's - River Analysis System (HEC-RAS) analysis was completed for both crossings, based on the drainage area above and associated flows, to verify that the proposed activities within the floodplain of Dotson Run will not adversely affect the adjacent properties. The flows compared for the affected area are attached.

25121

Attached are the following documents that support my findings:

Attachment A: Maps of the Site from the West Virginia Flood Tool

Attachment B: Permitting Plans

Attachment C: National Streamflow Statistics - Drainage Area Flow

Attachment D: Comparison for Calculated Flows - HEC-RAS Excel Data

Date: October 5, 2024

Signature: _

Title: Program Manager

APPENDIX A WV FLOOD TOOL MAPS

FP#24-669

Antero Midstream

Annie to Lynn Camp Waterline (Pipeline) Stream Crossing Coordinates

Dotson Run - Crossing 1

39.277425, -80.906045

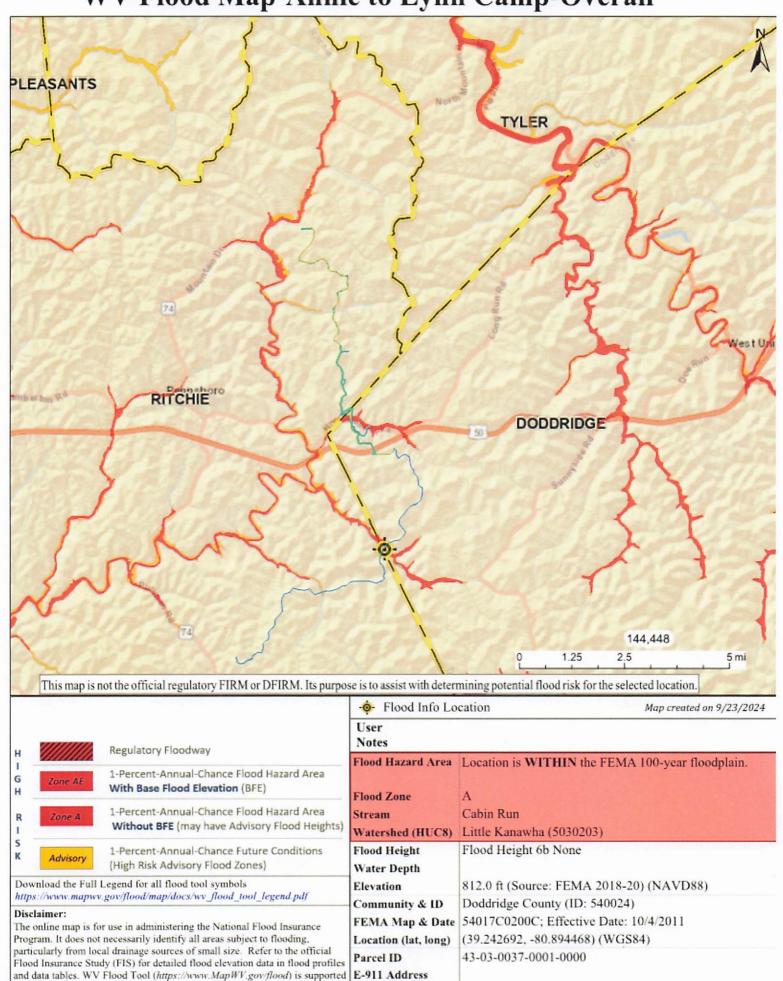
Dotson Run - Crossing 2

39.274834, -80.899607

Cabin Run Crossing

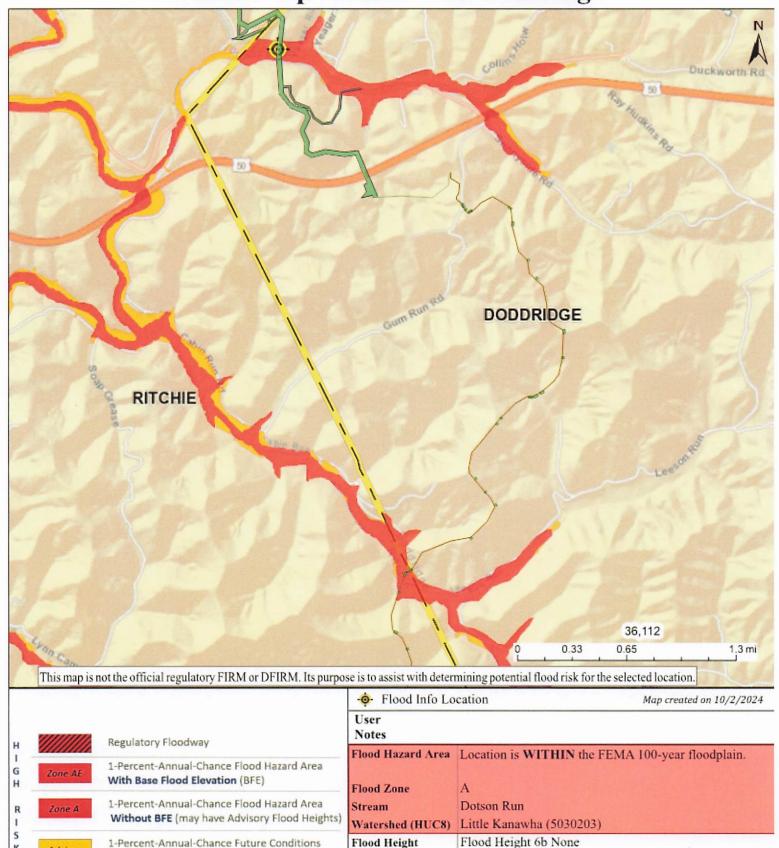
39.242776 -80.894586

WV Flood Map-Annie to Lynn Camp-Overall



by FEMA, WV NFIP Office, and WV GIS Technical Center.

WV Flood Map-Dotson Run-Crossing 1



Water Depth

Community & ID

FEMA Map & Date

Location (lat, long)

Elevation

Parcel ID

834.1 ft (Source: FEMA 2018-20) (NAVD88)

54017C0100C; Effective Date: 10/4/2011

Doddridge County (ID: 540024)

No Parcel

(39.277425, -80.906045) (WGS84)

Download the Full Legend for all flood tool symbols https://www.mapwv.gov/flood/map/docs/wv_flood_tool_legend.pdf

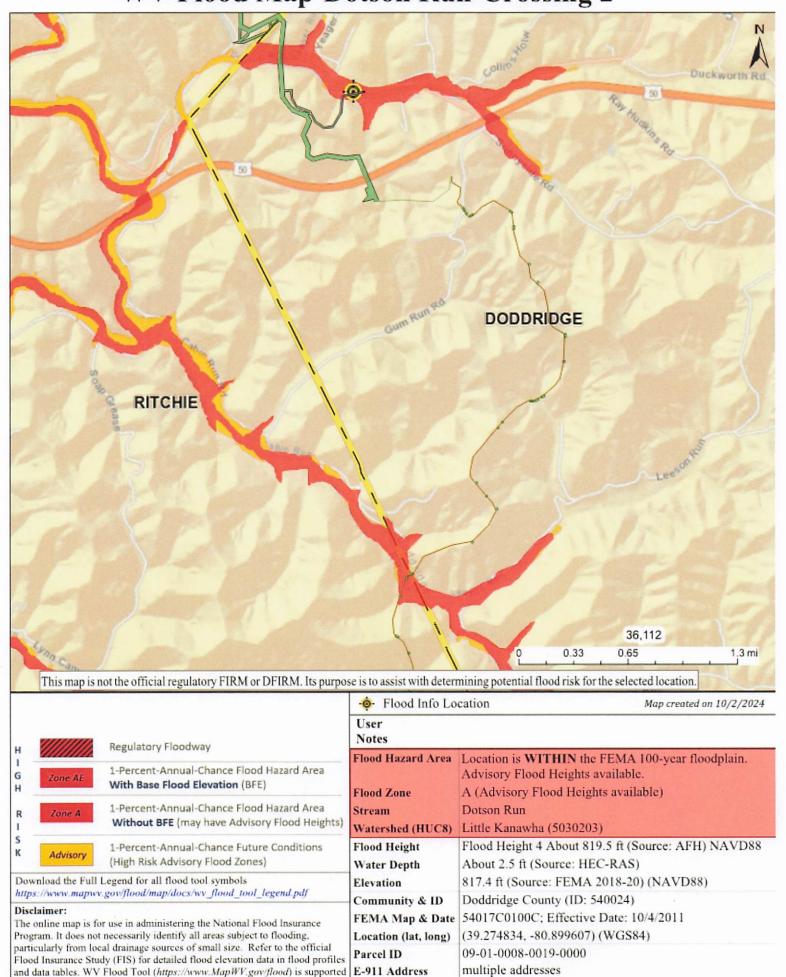
Disclaimer:

Advisory

The online map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. Refer to the official Flood Insurance Study (FIS) for detailed flood elevation data in flood profiles and data tables. WV Flood Tool (https://www.MapWV.gov/flood) is supported E-911 Address by FEMA, WV NFIP Office, and WV GIS Technical Center.

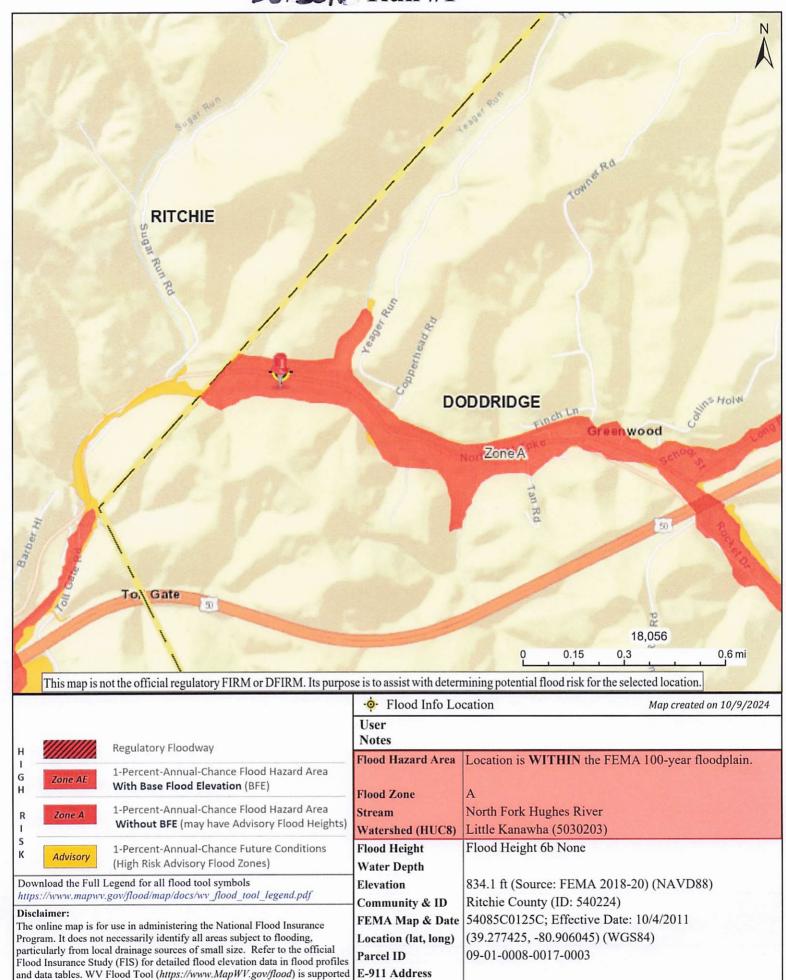
(High Risk Advisory Flood Zones)

WV Flood Map-Dotson Run-Crossing 2



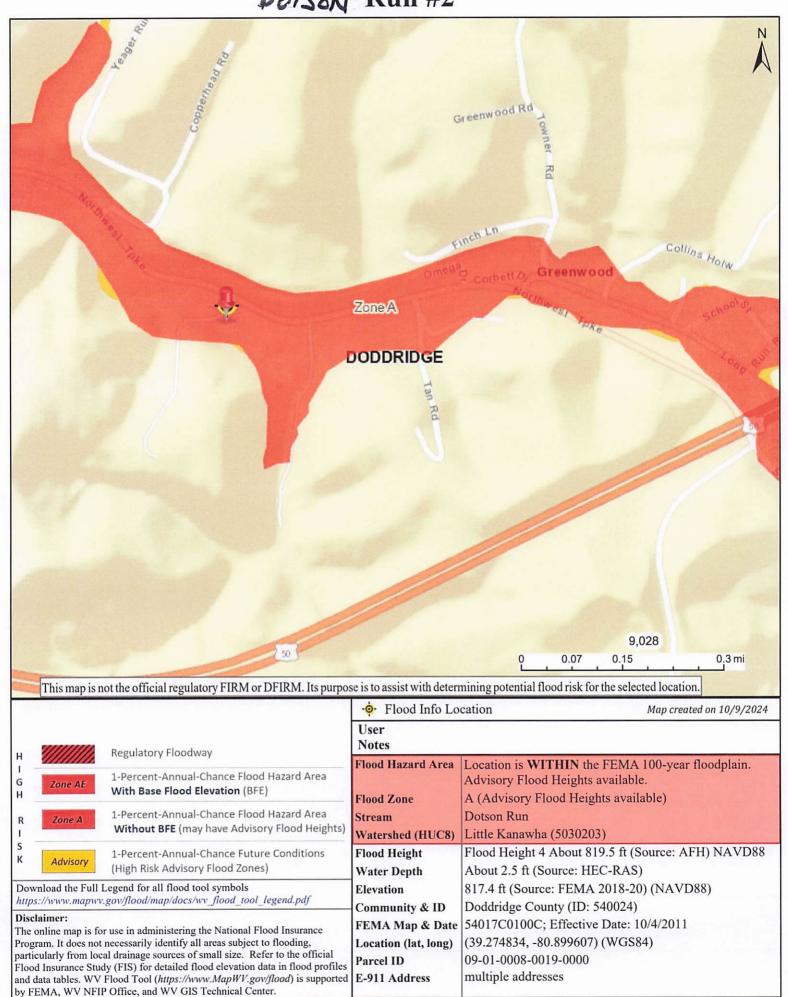
by FEMA, WV NFIP Office, and WV GIS Technical Center.

DOTSON Run #1

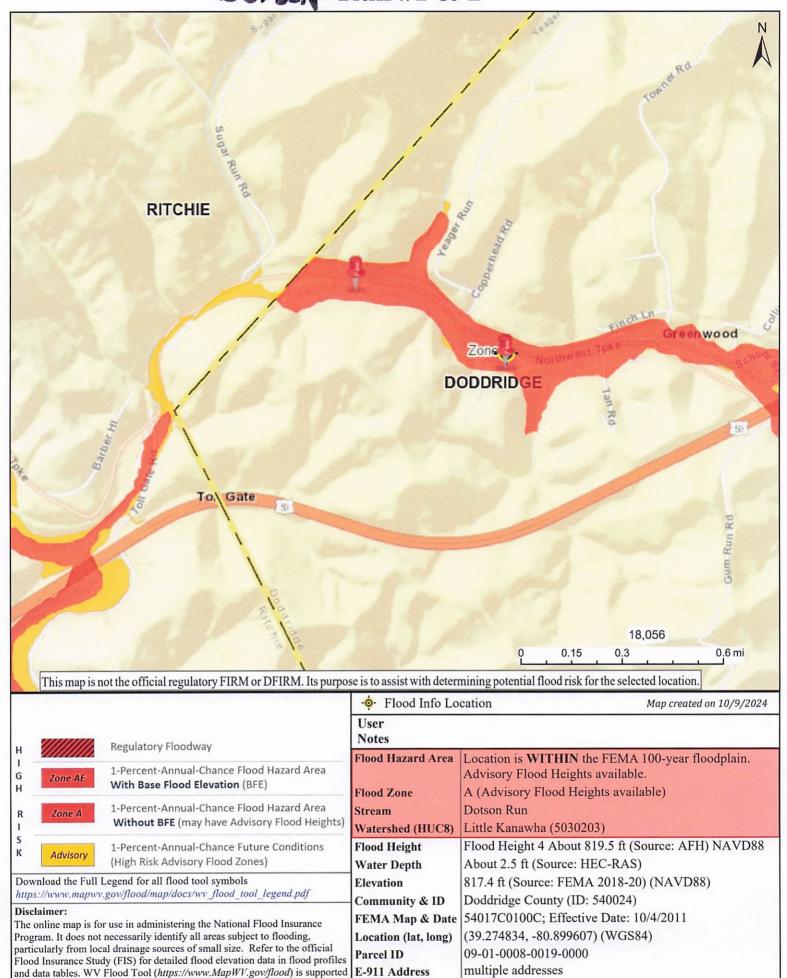


by FEMA, WV NFIP Office, and WV GIS Technical Center.

Dotson Run #2

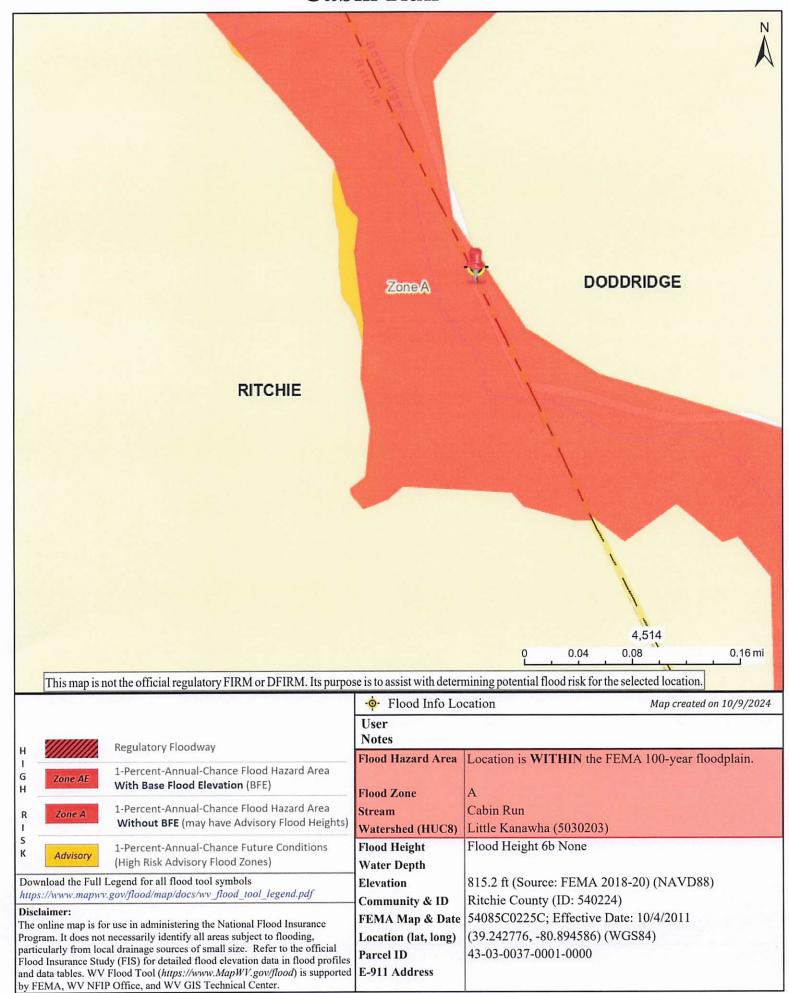


DoTson Run #1 & 2



by FEMA, WV NFIP Office, and WV GIS Technical Center.

Cabin Run

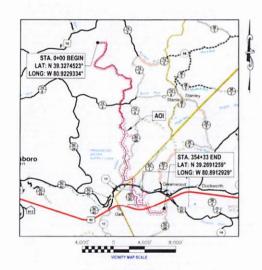


APPENDIX B PERMITTING PLANS

ANTERO MIDSTREAM

ISSUED FOR PERMITTING PLANS FOR THE ANNIE TO FRAME SURFACE WATER LINE PROPOSED 18" HDPE SURFACE WATER LINE **AFE # A12768**

101-T50-11555 RITCHIE & DODDRIDGE COUNTIES, WEST VIRGINIA **OCTOBER 2024**



EXISTING INFORMATION SOURCES BASE CONTOUR DATA PROVIDED BY OTHERS

ROUTE INFORMATION AND LOCATION PROVIDED BY ANTERC

SUPPLEMENTAL SPOT ELEVATIONS AND ALIGNMENT PROVIDED BY:

THE THRASHER GROUP 500 WHITE OAKS BLVD., P.O. BOX 940 BRIDGEPORT, WV 26330

HORIZONTAL - NAD 83 WEST VIRGINIA STATE PLANE, NORTH ZONE, US SURVEY FOOT VERTICAL - NAVD 88 (GEOIDT8), US SURVEY FOOT

1-80-245-4848 TICKET # 2420190460, 2420190462, 2420190463, 2420190466, 2421900248, 2421900370, 2421900375, 2421900420, 2422000544, 2422000556, 2422000559



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PHONE: (303) 357-7310 | FAX: (303) 357-7315 **DENVER, CO 80202**

ALIGNMENT SHEETS PREPARED BY

THE THRASHER GROUP

600 WHITE DAKS BLVD
BRIDGEPORT, WV 26330
(304) 624-4108
PO BOX 340

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PERMITTED LIMITS-OF-DISTURBANCE	45.8	ACRES
TREE CLEARING	16.8	ACRES

THE PIPELINE MATERIALS ASSOCIATED APPURTEMANCES, MATERIAL STRENGTHS, MADE CALCULATIONS PIPELINE ROUTING, ETC DEPORTED ON THESE DRAWINGS ARE AS PROVIDED TO THE THRASHER GROUP, INC. OTHERS THRASHER WILL NOT ACCEPT ANY UN

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CLAYTON C. WHITE, WV P.E. # 24495

ISSUED FOR PERMITS

TOTAL AREA AND TREE CLEARING

AREA

DATE: 10/2/24 BY: CCW

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SUMMARY

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(30)

AFE # A12768

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SEPERATE HE CONTRACTOR SHALL CONSTRUCT HE PREJAKE TO LE ON THE BOTTOM OF THE PREJ PREVIOUS SHALL BE MADE TO THE TRENCH, SUPPORT SHALL BE PROVIDED BY SANDIAG OR OTHER COMPANY APPROVED MATERIALS, SANDIAGS, SUPPORT SHALL BE PROVIDED BY SANDIAGS OR OTHER COMPANY APPROVED MATERIALS, SANDIAGS SHALL BE LACED AT POARTS TO PROVIDE INTESSES-FREE SHOPPORT OR HE PERSON CONSTRUCTED BY STREET ACCORDINATE WASHINGTON OF MATERIAL BE LOOK TRENCH SHALL BE LOOK TRENCH SHALL BE LOOK THE PERSON OF RETENANTS OF THE PERSON O

S. — SECTIONS OF THE PREJAME EXCANATION FOR TE-MAS SHALL BE SUPPORTED WITH SANGBLASS DON APPROVED NATIONALS AT INTERVALS ROCKETO ADORS, SUPPORTES SHALL BE PLACED UNEEDATEDY FRALL IEEE NO FOR PROPERTY TO THE BACKFILLING OPERATION.

OTHER F

ATTER LOWERNG-IN HAS BEEN COMPLETED, BUT BETORE BACKFILLING. THE DITCH SHALL BE PUMPED DRY IN METAN OF MATS, AND THE LINE SHALL BE INSPECTED TO DESIDE THAT NO SMOST, BREAST, STRUMES, TREES BROUDERS ON DEBISS ARE IT HE DITCH HAS SOLD MATERIALS OF BEINESS ARE IT BE DITCH HAS SOLD MATERIALS OF BEINESS ARE IT BE DITCH HAS BEEN MATERIALS OF MATERIALS OF METAN OF THE DITCH HAS BEEN MATERIAL OF THE DITCH HAS BEEN METANIC THAT OF METANIC HAS BEEN SCHOOL OF THE DITCH DESCRIPT TO BRIGHT FACHING HE CONTRACTORS SHALL COMMETTE THE CITCH SECRETICATION OF THE DITCH TO SHALL BACKFILL DATE HAS BEEN SCHOOL SHALL BACKFILLD AS COSES AS POSSIBLE TO ITS ORIGINAL LOCATION.

ALL BE DEPOSED OF PROTECTLY ONLY ON LINEAR AND HAVE SHALL NOT BE BLOCKLED VICE SHALL BE SHADE SHALL BE BLOCKLED. AND HAVE SHALL BE BLOCKLED WHO THE BLOCK OF MINIMA OF SHALL BROCKLED AND HAVE SHOOT ON THE SECRE OF MINIMA OF SHALL BROCKLED AND HAVE SHOOT OF MINIMA OF SHALL BROCKLED AND HAVE SHOOT OF MINIMA OF SHALL BROCKLED AND HAVE SHOOT OF MINIMA OF SHALL BROCKLED MINIMA OF SHALL BROCKLED WHO THE DADNING TO CHARLES AND THE PRACTICE DESCRIPT, OWN THE BLOCKLED WHO THE DITCH SHALL BROCKLED WHO THE DITCH SHA

13. TRENCH BREAKER

THE CONTRACTOR SHALL INSTALL EROSON BREAGES IN THE DITCH OVER, UNDER AND PROVIDE TILL PROTECTION AGAINST BLOCKEL INSTALLATIONS AND SPACING SHALL COURTY WITH THE FOLLOWING SPECIFICATIONS LOCAL STATE, AND FEDERAL REQUIREMENTS. ARO AS WELL AS C COMP.

- BREAKE MATERIALS SHALL INCLUDE, BUT ARE NOT BE UNITED TO, DECOMPOSABLE BACES, AND AND ANY OTHER OTHER MATERIALS RECORDS TO FACULTATE THE PROPER PLACEMENT OF THE BREAKER MATERIAL WHE BEST AND AND ANY OTHER BREAKER MATERIAL WHE BEST AND AND AND COMPOSATION OF BY OTHER BREAKER MATERIAL PROPERTY OF BREAKER STATES OF THE EXTENT OF COMPONION OF THE DITTOR MOTHER MOTH, SOPE AND CARBOE A A MANUAL BREAKERS SHALL EXTEND THE WOTH AND OTHER DITTOR. WITH THE COMPANY BREAKERS, SHALL BE SPACED ALONG THE DITTOR WITH THE COMPANYS ENVIRONMENTAL STANDARDS.

14. DRT PADDING

HE CONTRACTOR SALL MISTALL ROCK—FREE DRY PADDING IN AREAS DESIGNATED BY HE COMPANY. TOPSOL PHE CONTRACTOR SALLA MISTALL ROCK—FREE DRY DADDING SHALL BE INSTALLED IN THE BOTTOM OF THE DITCH OF A WINNUM DEPTH OF BIN. PADRIN TO LORDSHO-BY HE PADRING IF OTHER PADRING SHALLES FOR PROTECTION OF BOTTOM OF THE PAPE NS OUT UNITED. A MANAWAY OF B NO OF PRODUCE SHALLE FOR PROTECTION OF BOTTOM OF THE PAPE NS OUT UNITED. A MANAWAY OF B NO OF THE PADRING SHALLES AND THE STORE OF THE PADRING MISTALL SHALL SHALLED AND THE STORE OF THE PADRING MISTALL SHALL SHALLED AND THE STORE OF THE PADRING MATERIAL THAT DESCRIPTION OF THE PADRING MATERIAL CAN BE HAVELD IN IN THE CONTRACTOR.

18. CLEANUP

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TA T POINTS DESIGNATED AND AERIAL MARKERS

SUMMARY OF MATERIALS (30)

GENERAL INFORMATION

OF PRIVATE AND MADE CALCULATIONS ALONG WITH ROUTING WERE PROPARED BY ANTERO AND PROVIDED TO THRANSOR PLANS, THRANSOR AND MAD CALCULATIONS AND/OR ROUTE PROVIDED BY

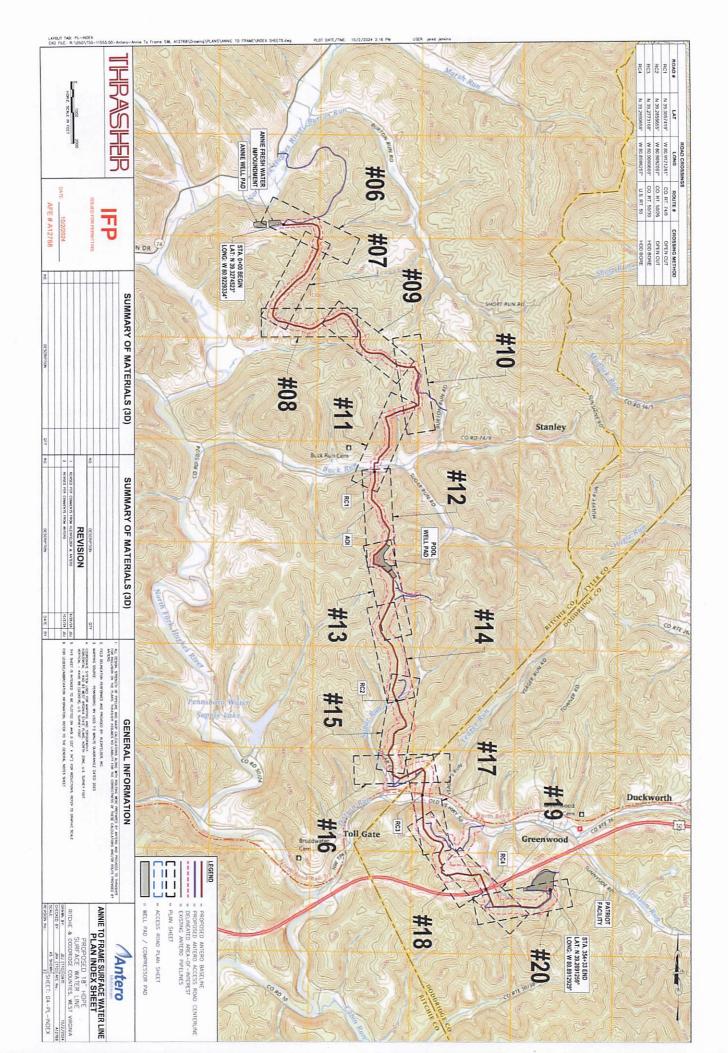
ANNIE TO FRAME SURFACE WATER LINE GENERAL CONSTRUCTION SPECS

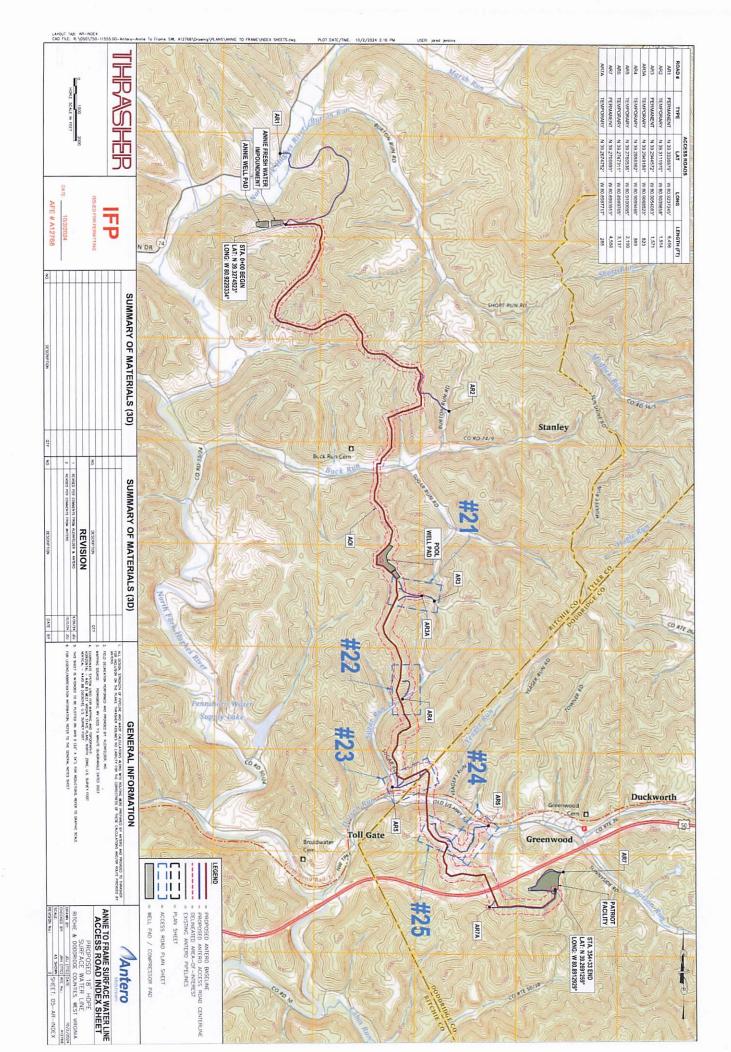
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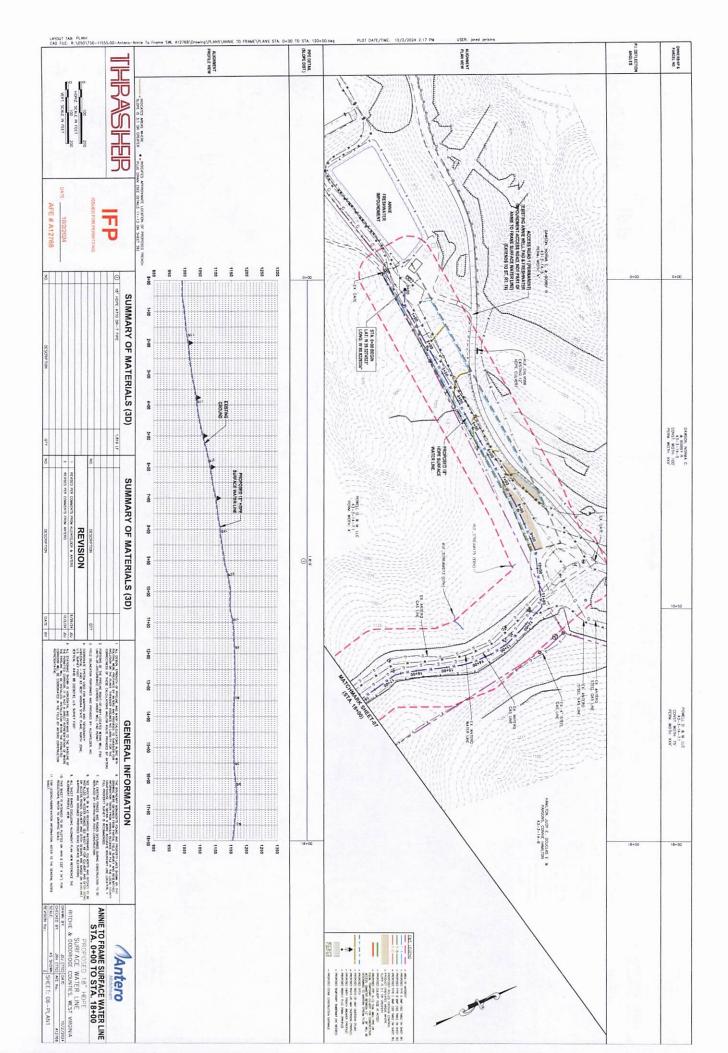
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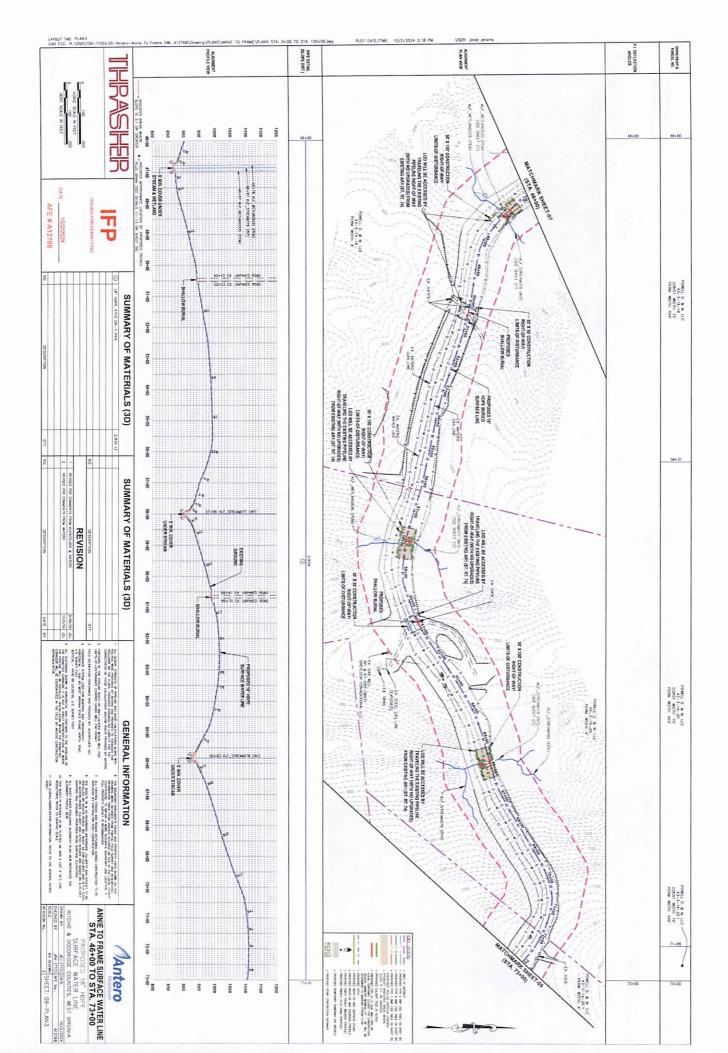
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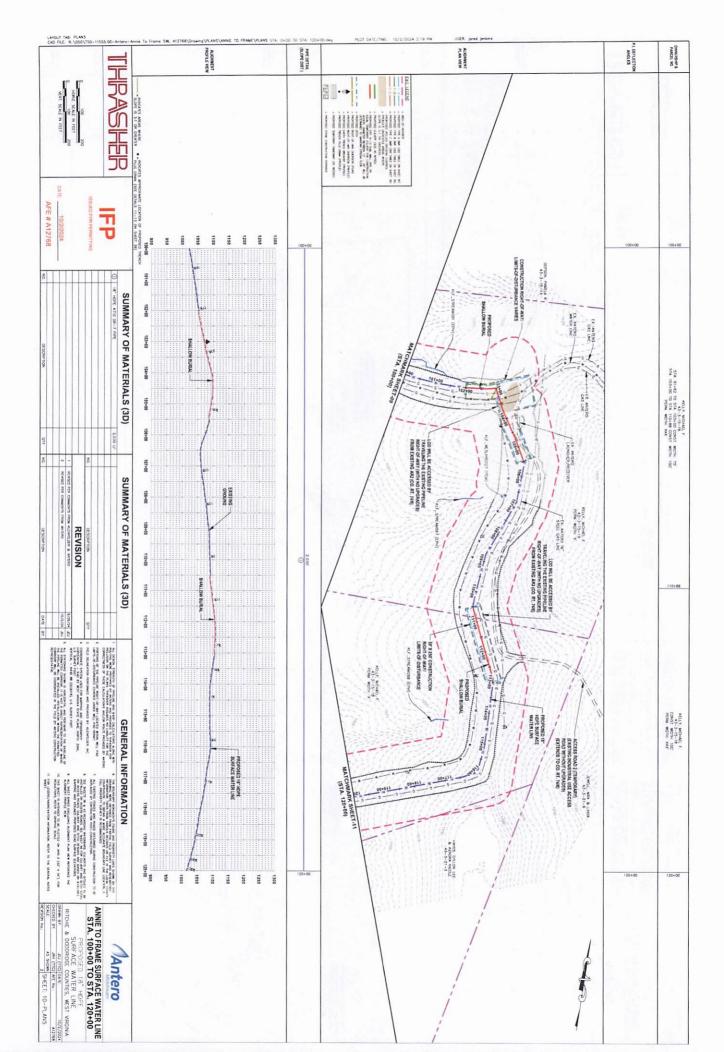
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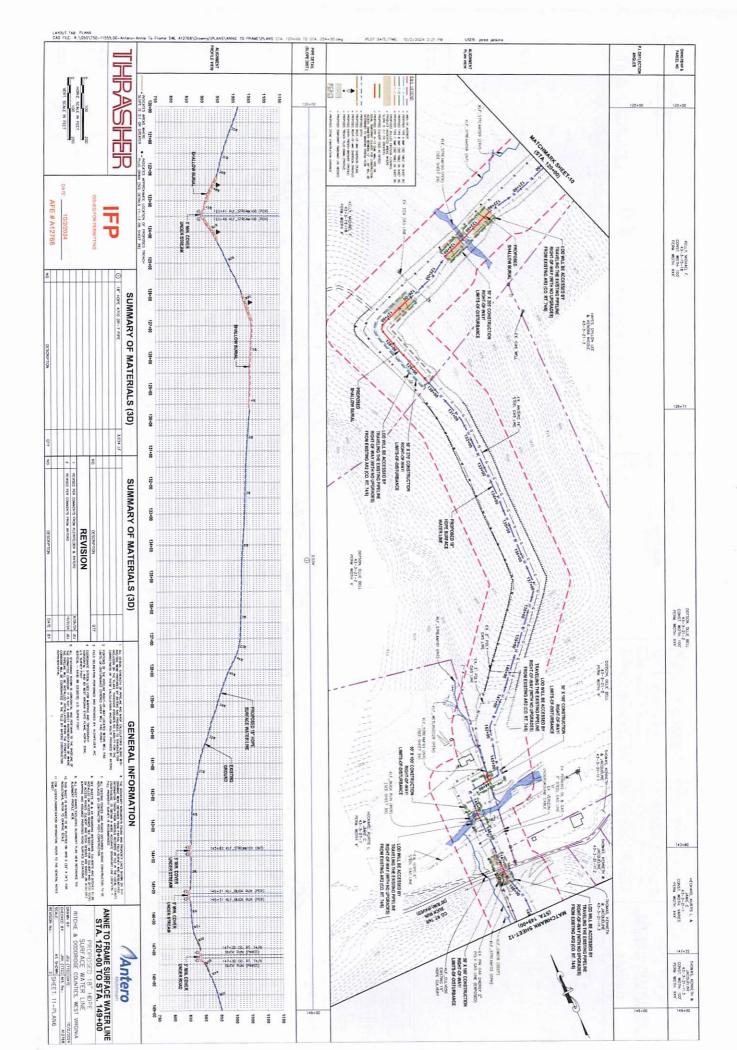


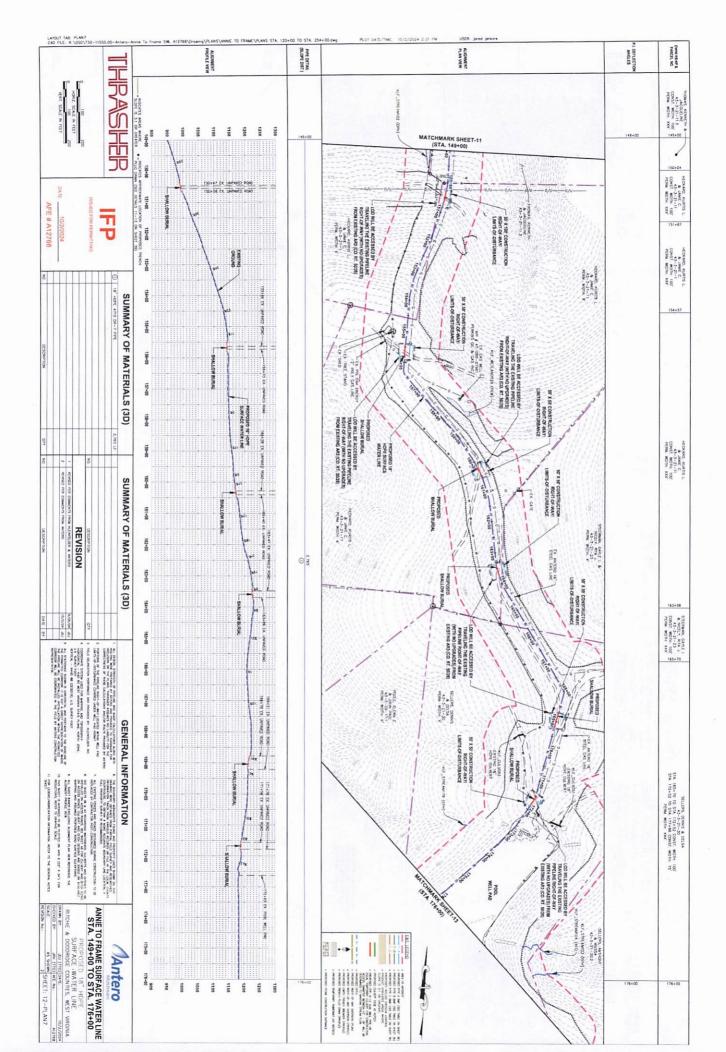


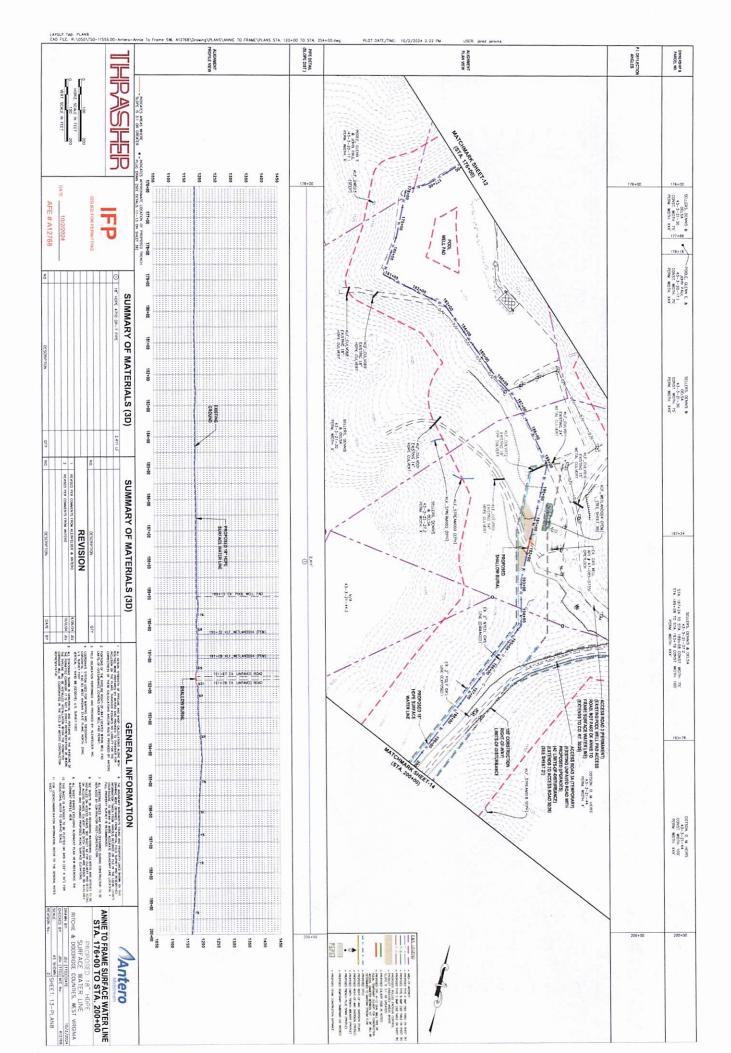


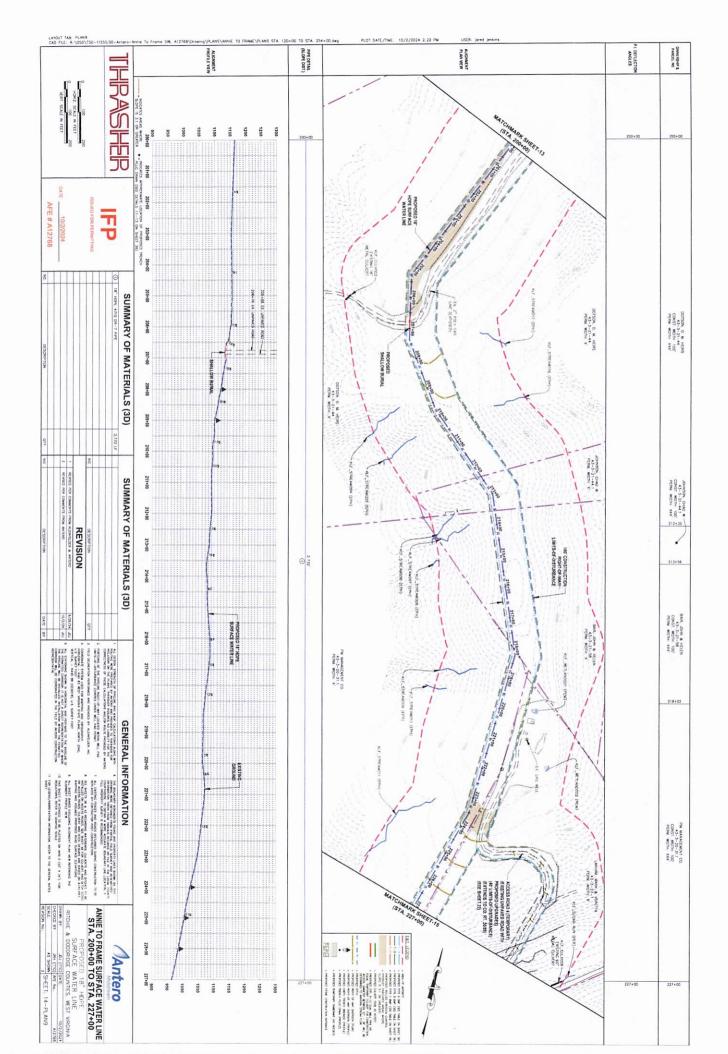


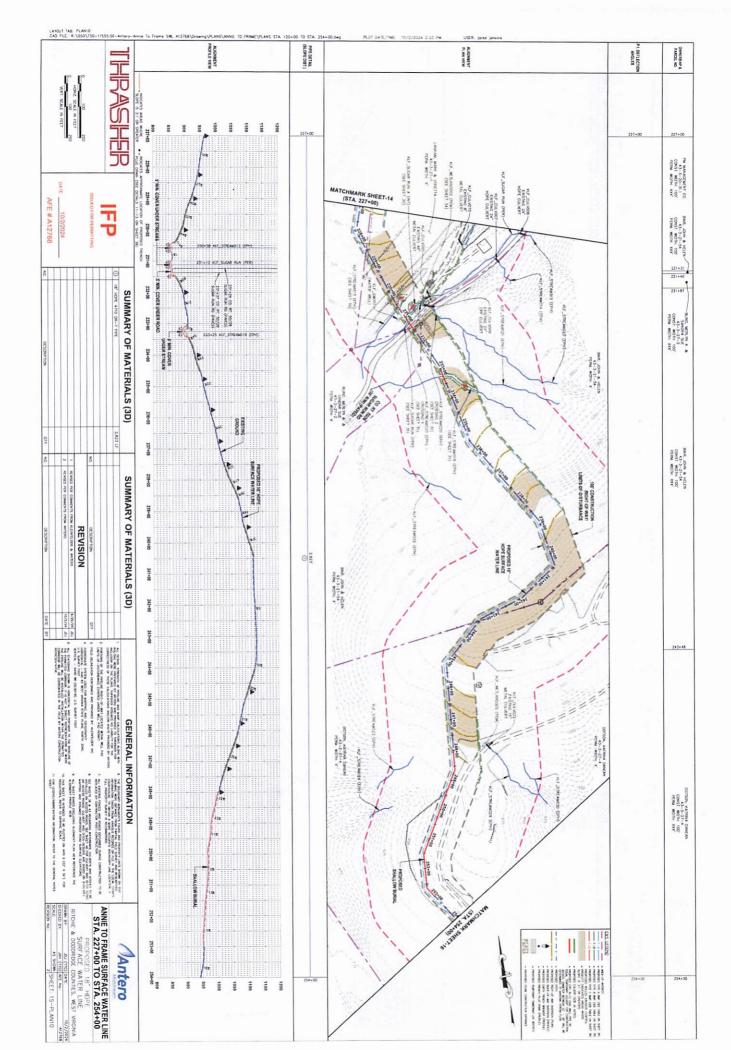


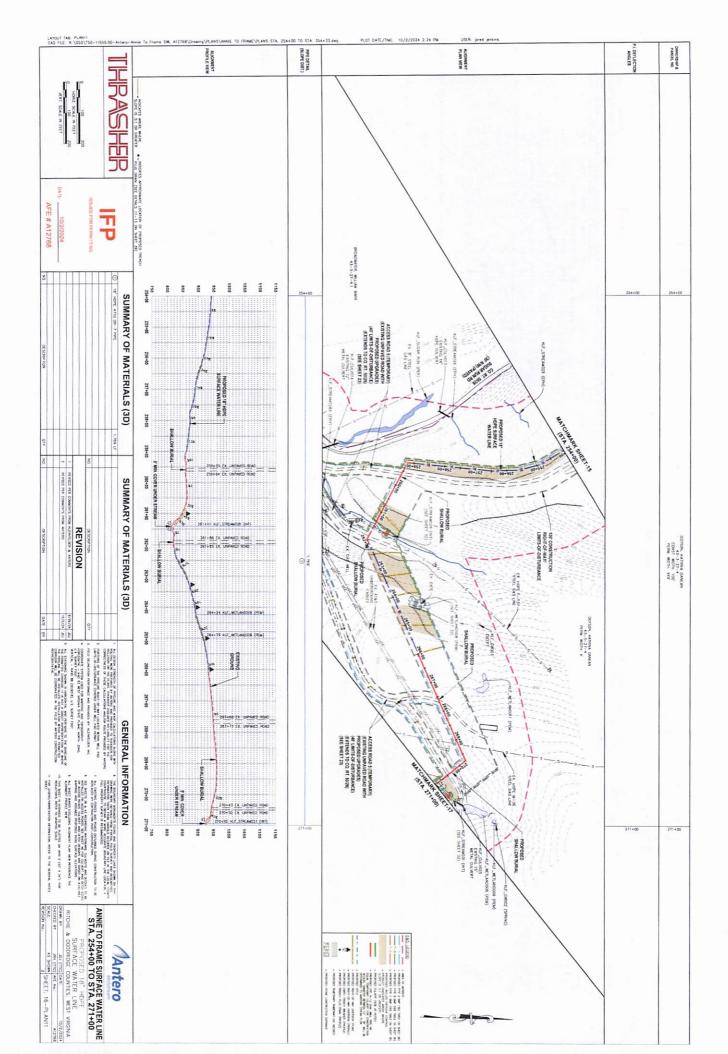


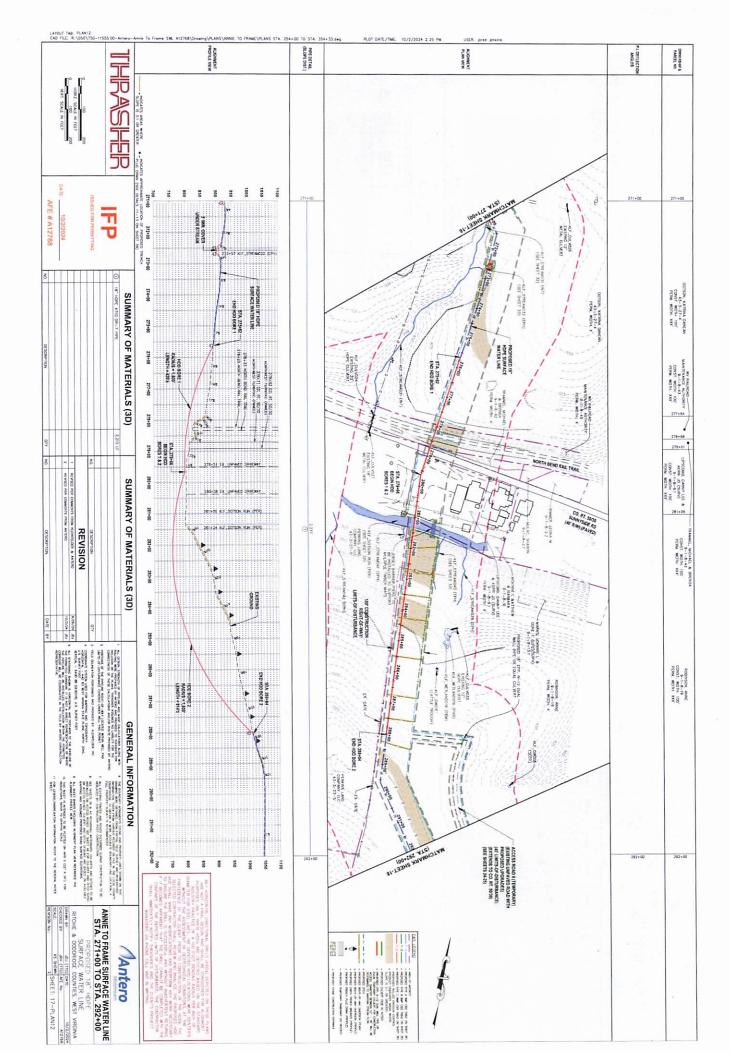


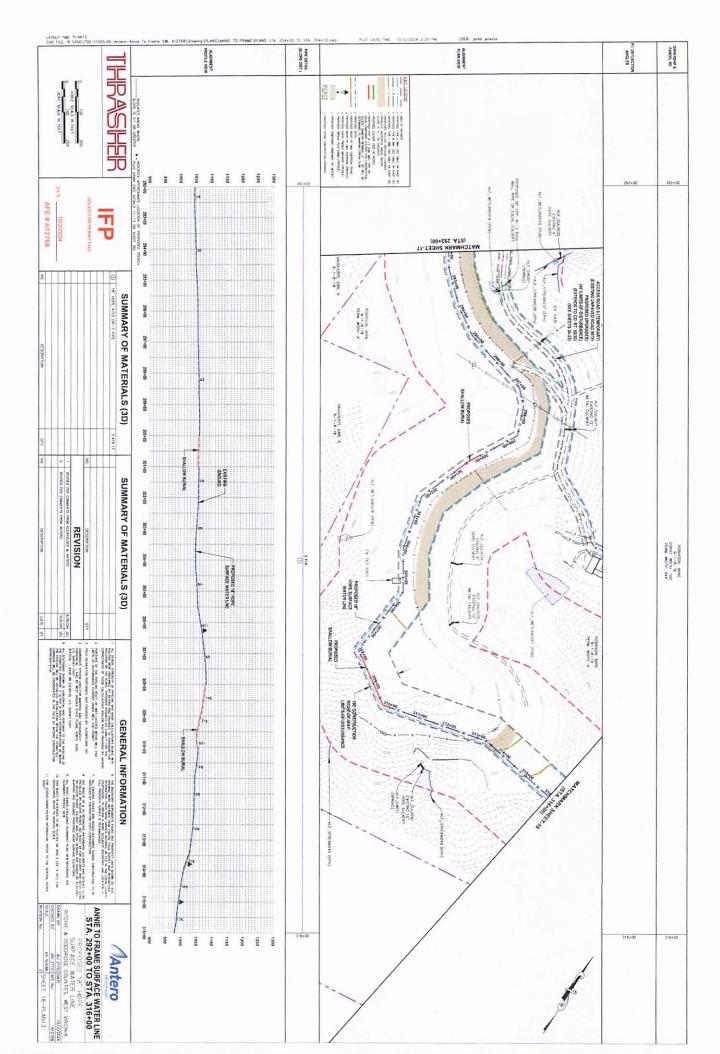


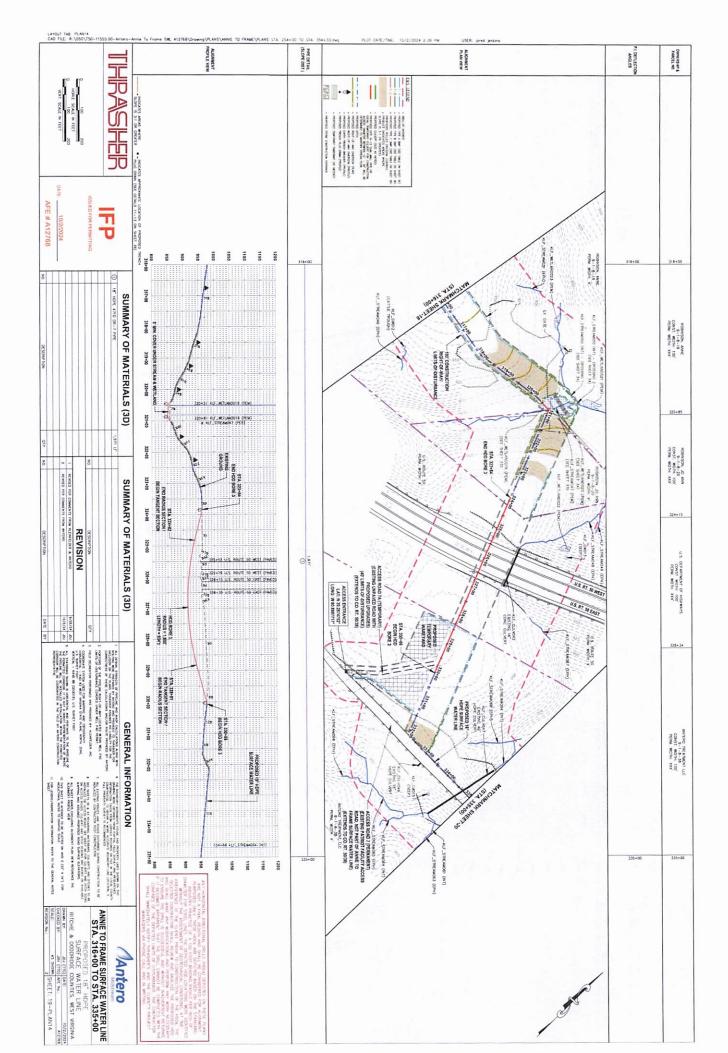


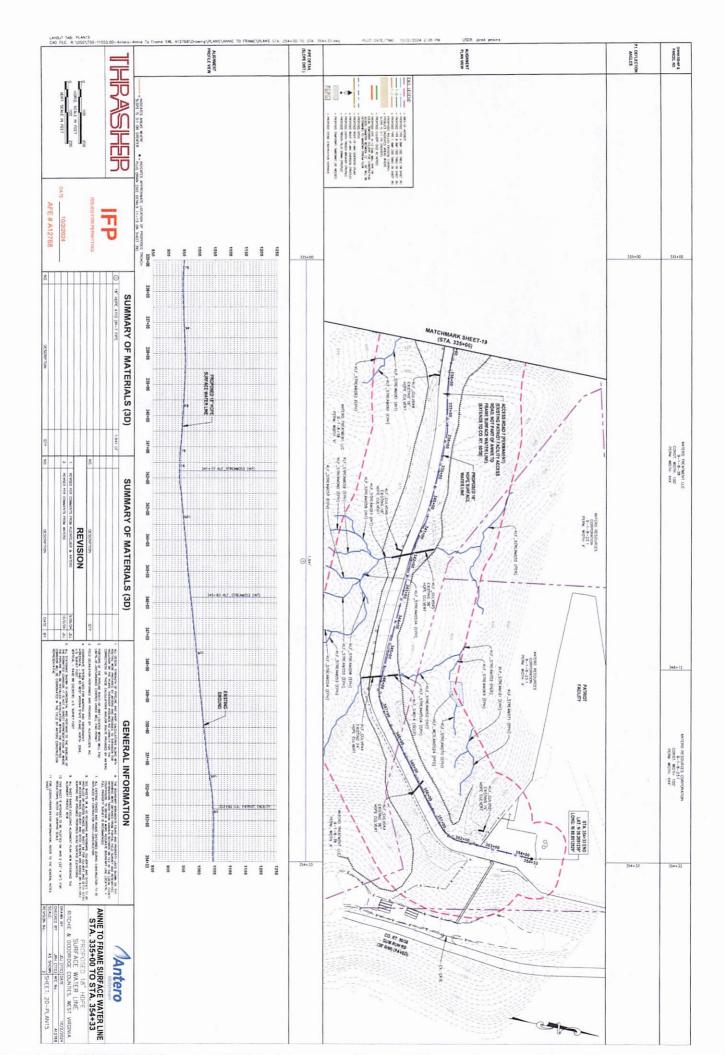


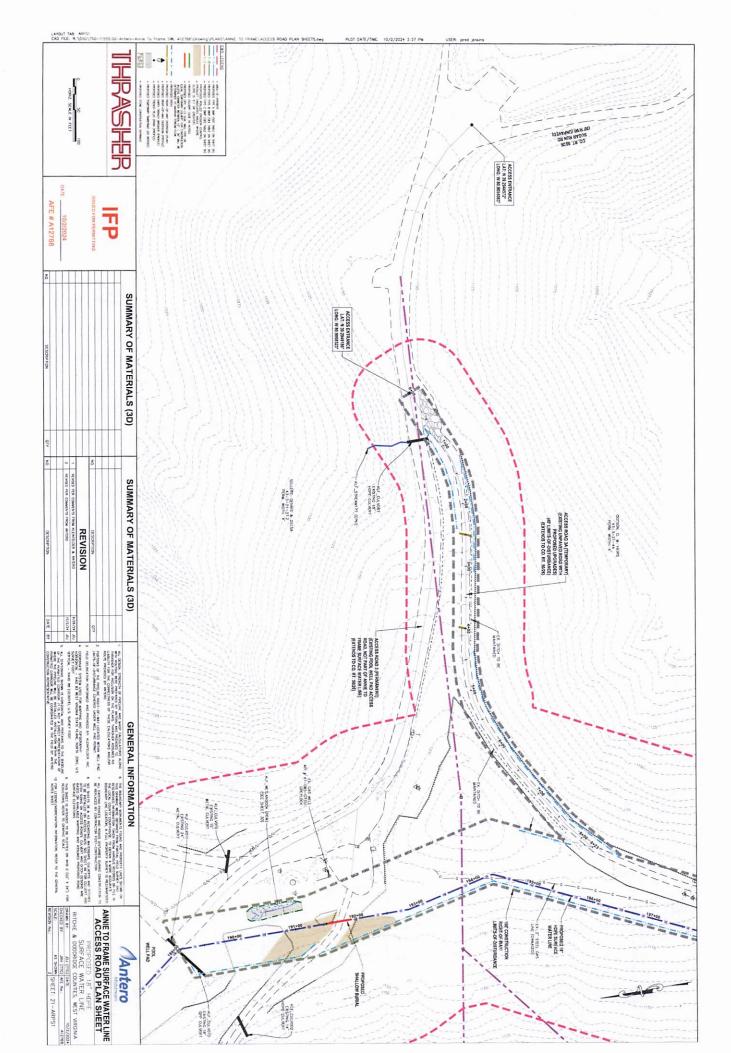


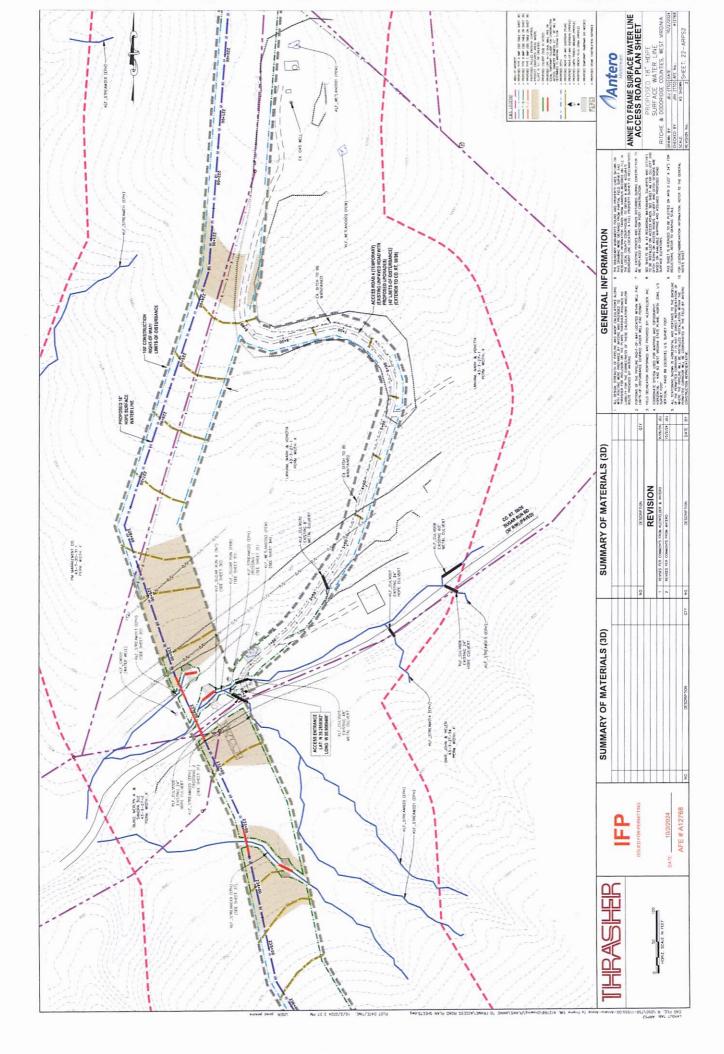


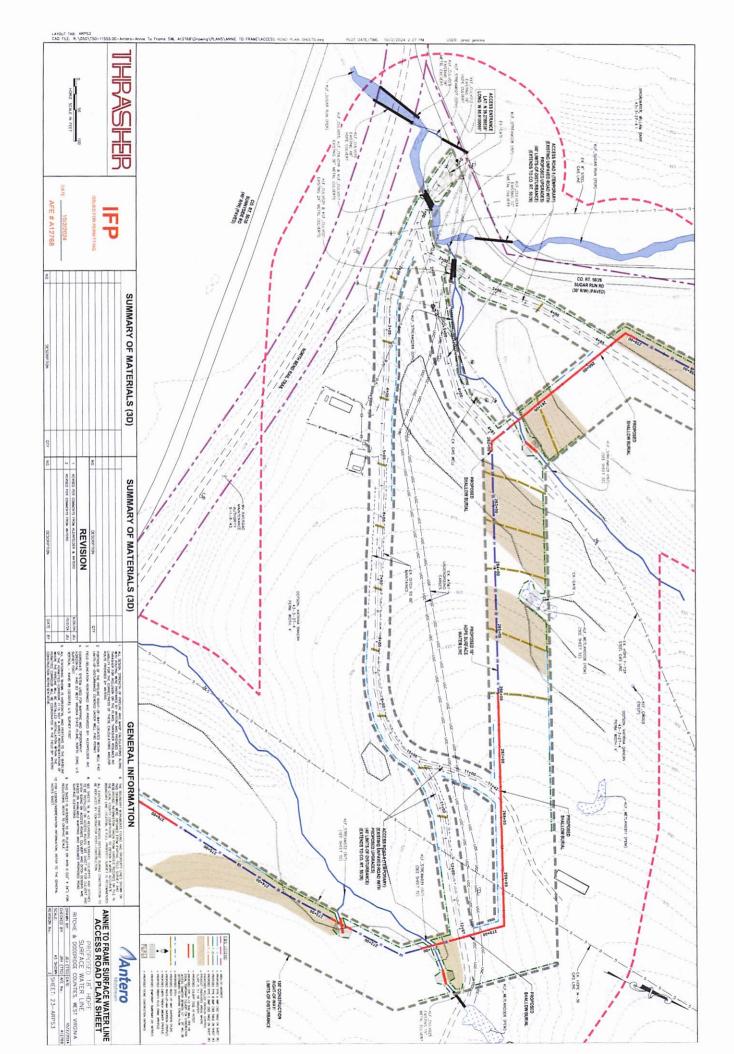


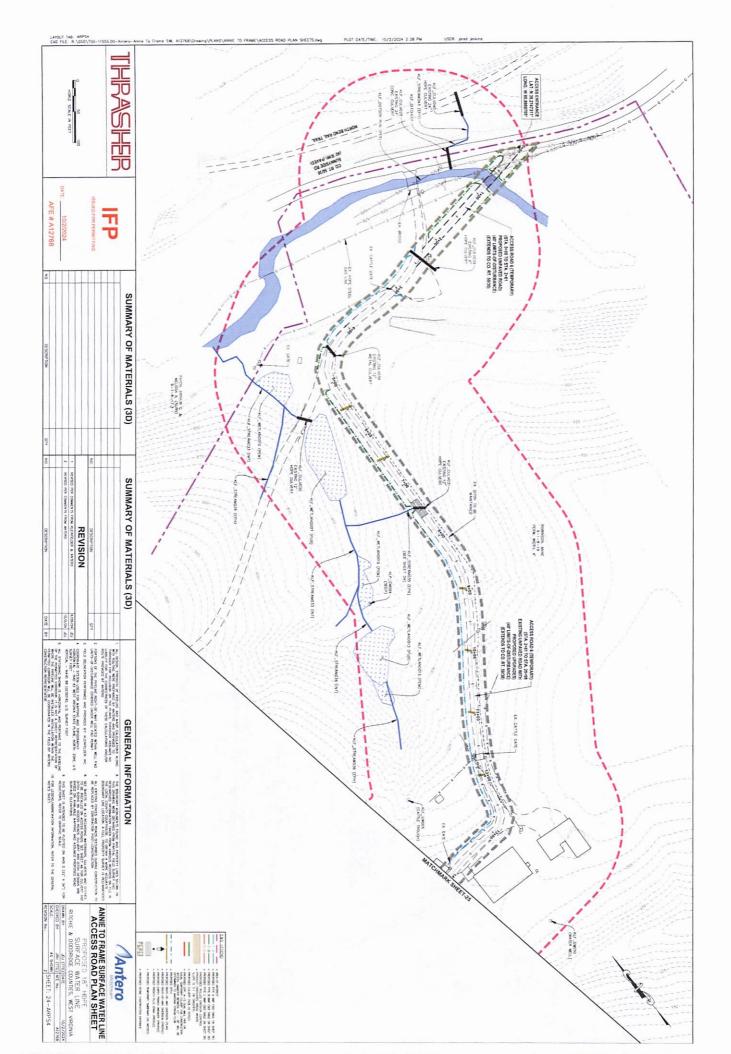


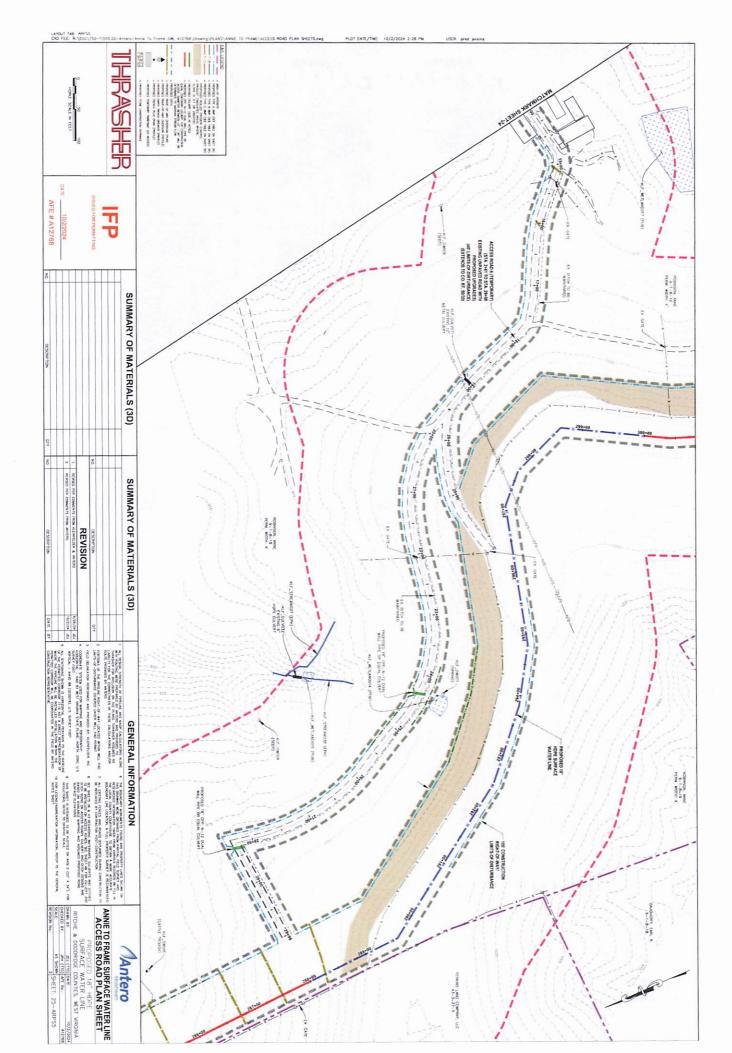


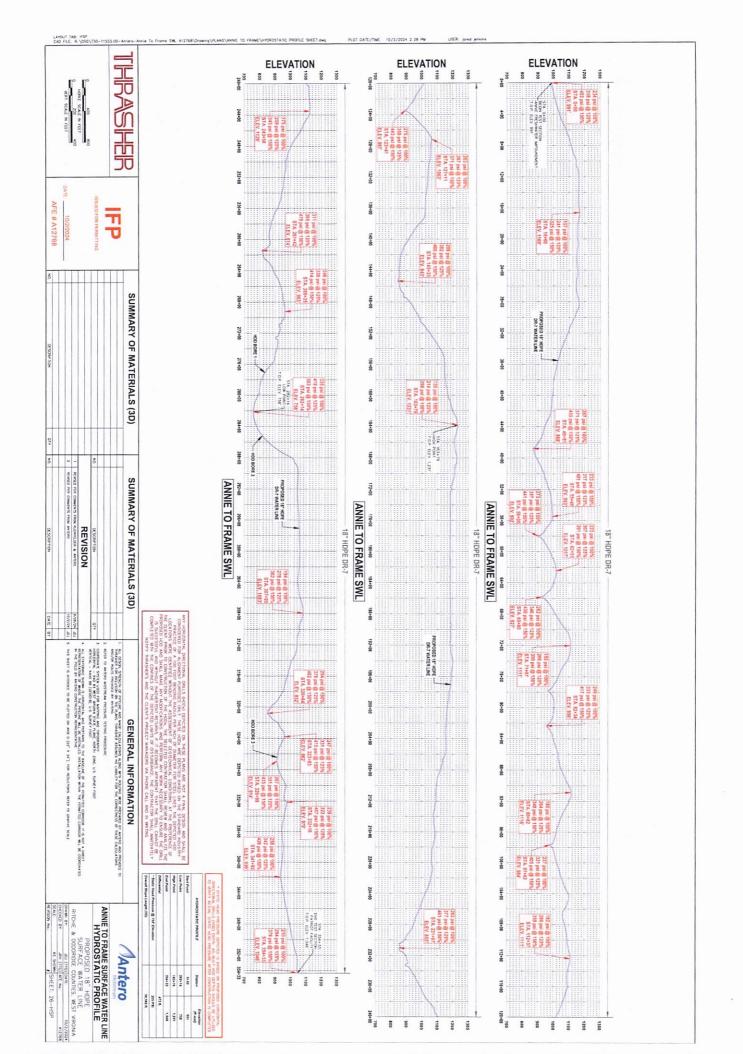


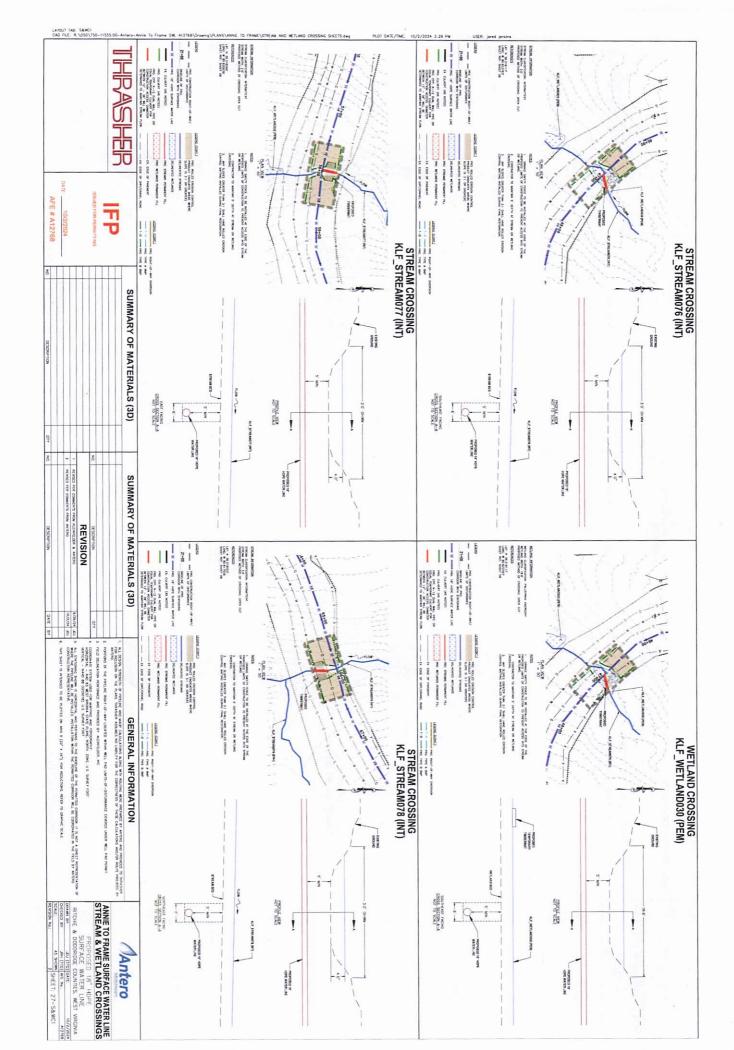


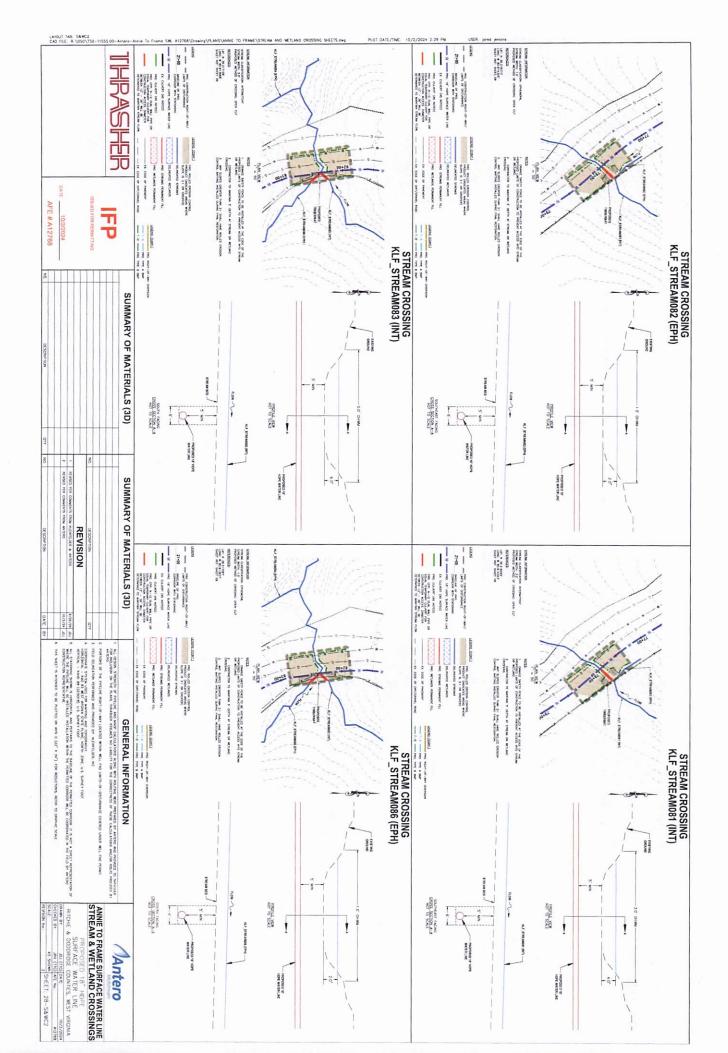


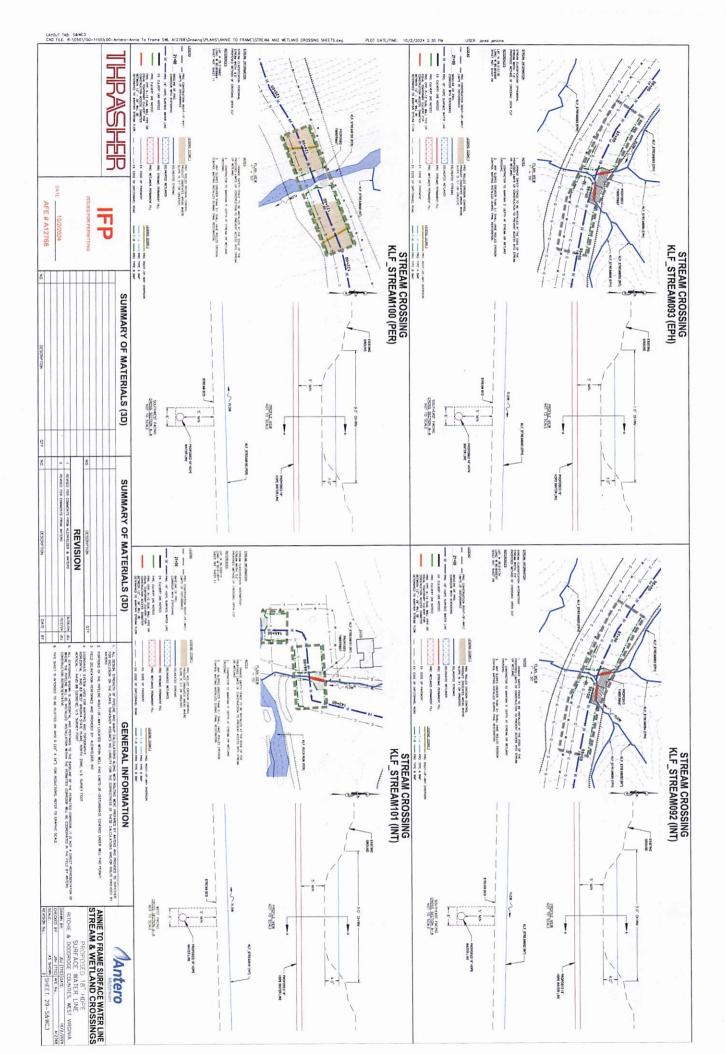


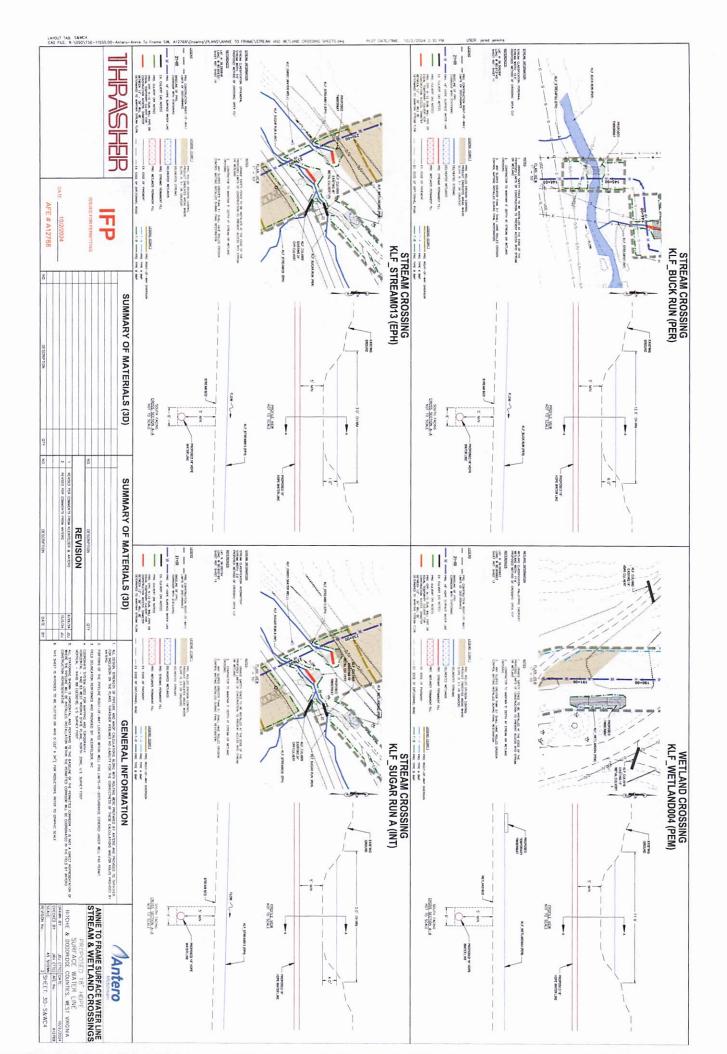


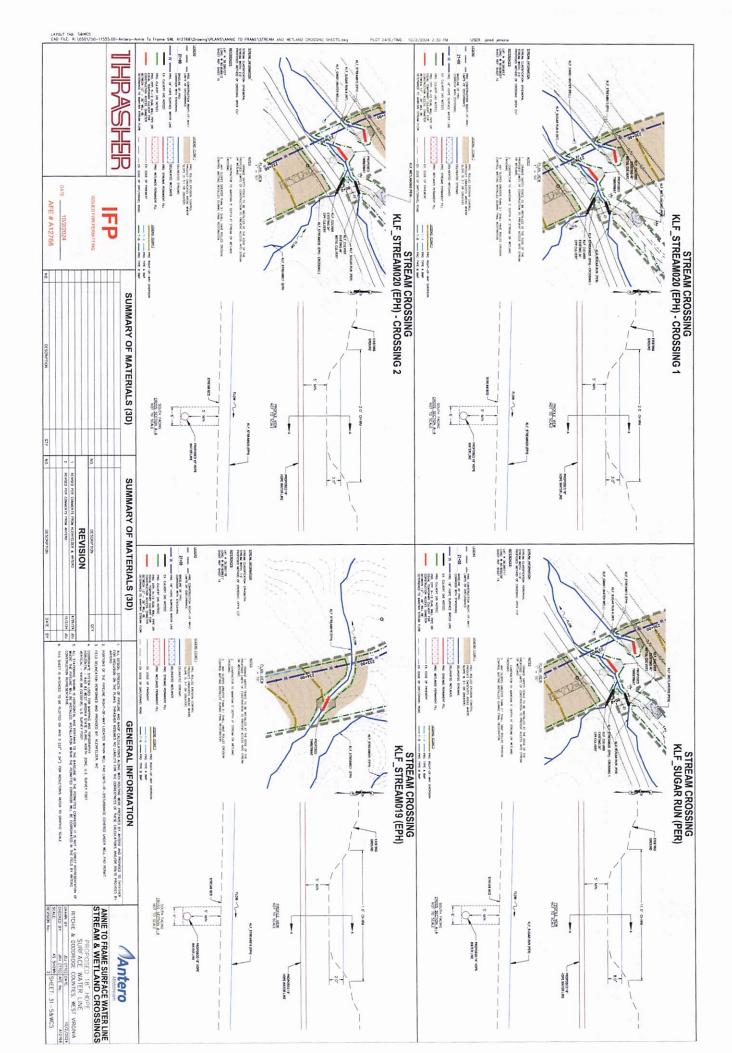


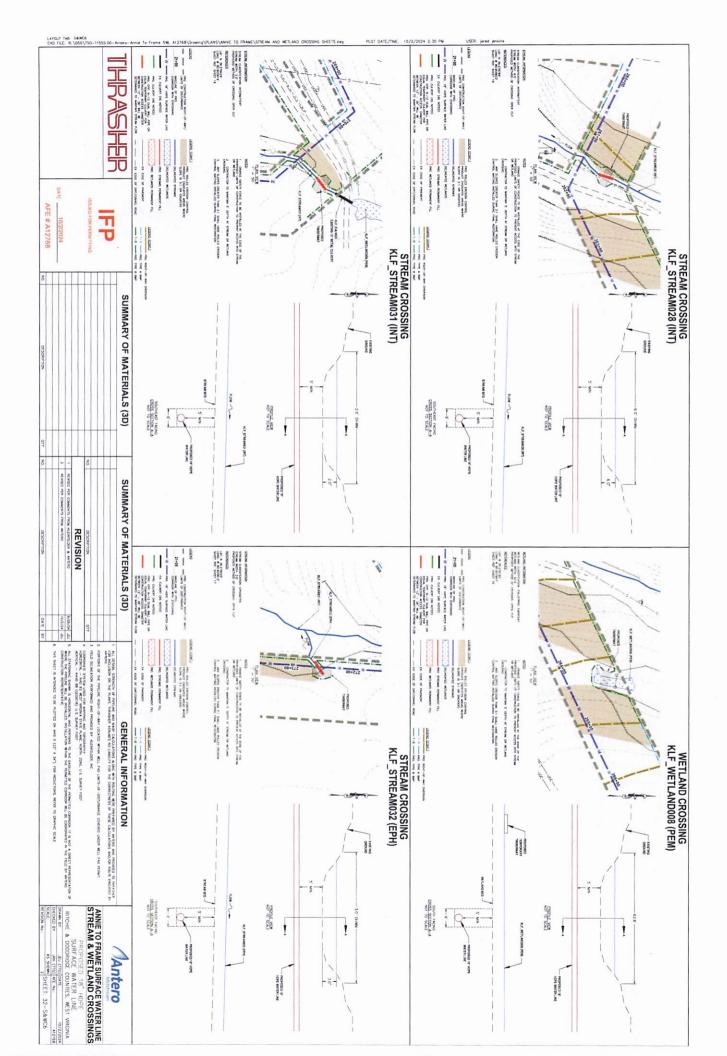


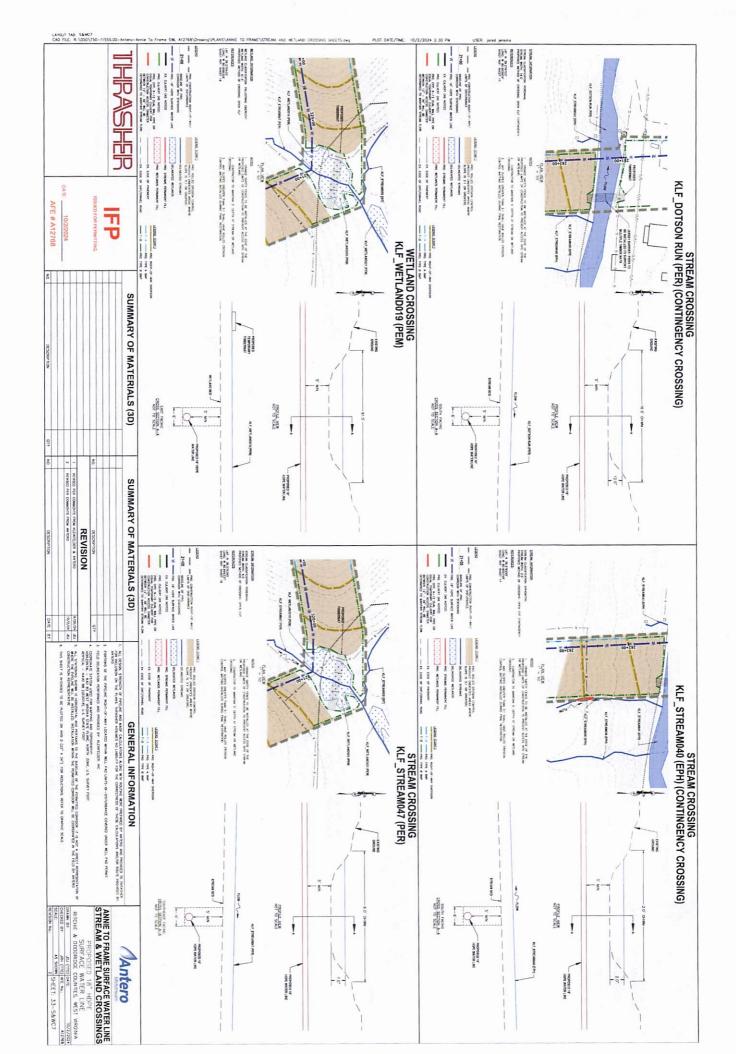


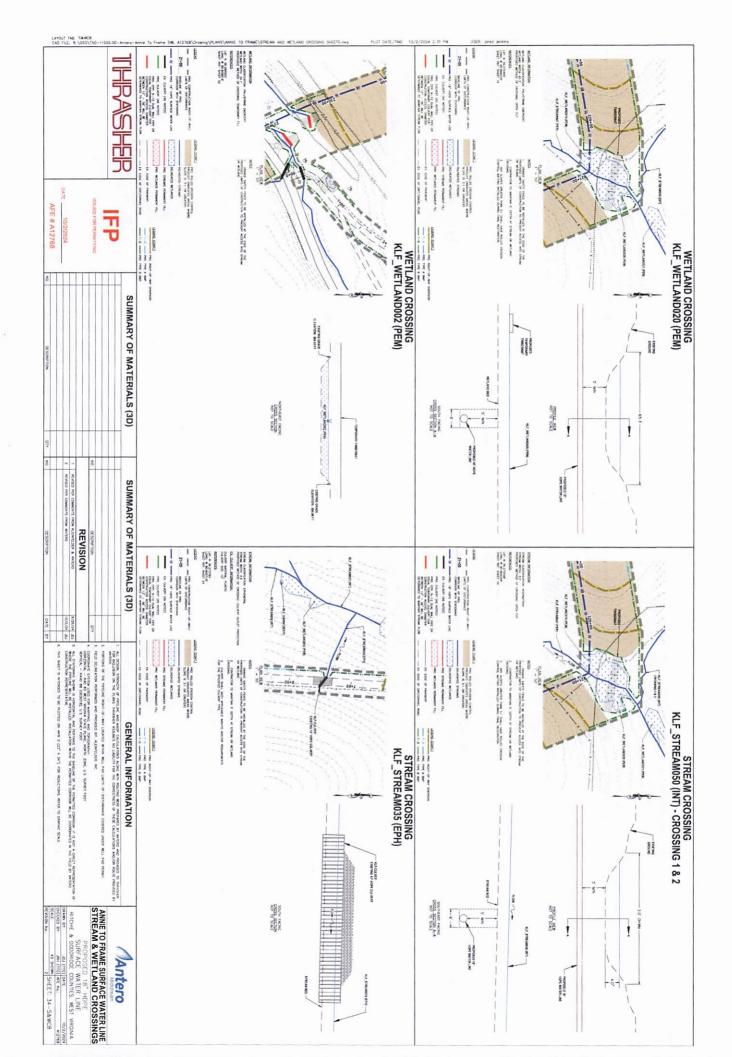












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- THE CONTRACTOR IS RESPONSEDE FOR LOCATING ALL PRILL OR PRIVATE UTLITES MACHLE IN OR ADJACENT TO THE CONSTRUCTION STELL THE CONTRACTOR ALL IS RESPONSEDE FOR THE REPARK. IN HIS OR HER PROPINEL OF ALL DASTING UTLITES DAMAGED DIRRIG CONSTRUCTION. FORTY INCHASE PRIVATED THE CONTRACTOR SHALL CALL MEST VIOLANCE AND
 - ALL MATERIAS LUSO FOR FILL OR BACK FILL SHALL BE FIRE OF WOOD ROCTS, ROCKS, BOLLDERS, ORGANG UATERIAL, OR MYY DHER NON-COMPACTABLE. SOLL TYPE MATERIAS : LIVSATISFACTORY MATERIAS A LISO NOLIDE UNAPPIONED MOUNDE FILLS AND REFUSE DERING DERING DERING DERING THE AUT SOLIDE.

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EHOBION AND SEDIMENT CONTROL PLAN HARRATIVE/CONSTRUCTION SEQUENCES printing and properties also controlled to the contr

PROFITO ECONOMICLAD DISTURBING ACTIVITIES, CLEARY MARK ALL CLEARNICLIANTS, SCINSTIVE AREAS, AND TITEES THAT ARE TO BE PRESERVED WITHIN THE CONSTRUCTION AREA THESE SHALL BE CLEARY MARKED, BOTH IN THE FIELD AND ON THE PLANE, ID PREVINT DAMAGE AND ON SITE MARKETS.

- INSTAL TEMPORARY EAS CONTROLS (SILT FENCE, ROW DWERSIONS, ETC.) PRICK TO ANY EARTH DISTURBING ACTIVITY, WHICH ENSIGNE, TO THE MAXIMUM EXTENT PRACTICABLE. THAT MINIMAL ENDSON OR SEDMENTATION OCICARS.
- AFFICIATE LONG AND THE PROPOSED LITTLES AND THE LEGISLATION CONTRICTORY OF THE PROPOSED LITTLES AND THE APPLICATION OF THE PROPOSED LITTLES AND THE APPLICATION OF TH HOW DWITHSONS ANDIGGONER FROSION AND SEDMENT CONTHICLOF YICLS WILL BE NISTALED AS DEPICTED ON THE PLAN SHELTS AND SHEETS, IF CLEARING AND CRUBBING IS REQUISED. SEE BILLOW PECAROTHE MANAGEMENT AND DISPOSAL OF DISBUST.
- MANDE BULDING WITHIN THE ROOF WILL BE CONCUSTED WHERE NICESSAMY TO PROVIDE AN EXPENSE FOR SAME AND EXTICENT OPERATION OF CONSTRUCTION IS EXAMENTED WILL SELECT WHERE MANDEN INTERESTAND WITHOUT BE INSTITUTED PROMITTY THE STUAM'S, AND LANCE INDICAL DESIGNAL. FITHER RELIGIOUS DESIGNATION CONCERNS FOR ANY AND ANY TO ANY THE WOODPING STRUCTIONS.
- EXCAVATE PIPELNE TRENCH AMPRIAL WITH ANDS STREAMS AND ROADWAYS
- SEGREATION OF TOGGOL, MO SLISCE, WILL BE PERFORMED MADIE TREACH EXCHANTON TMES PLACE IN AN ACROCALUMA. WETLAND, ON RESIDENTIA, AREA. IT IS INSTANDABLINI PRACTICE TO SALVIOR AND IN DIRECTION TO SALVIOR AND IN DIRECTION OF RESIDENTIA, AREA. IT IS THE PROPOSED CONSTRUCTION ROW WILL BE USED AS A WORK AREA FOR TRENO EXCLANATION EQUIPMENT MACHINIT, AND THE STORAGE OF SOL STODOPLES. AS MEDIO EQUIPMENT SOL STODOPLES, AND CHIEF METERAS AREA TO REMAIN UPSLOPE OF SUMP GURING CONSTRUCTION ACTIVITIES.
- STREAM AND RAYR PROTINE CROSSING CONSTRUCTION METHODS WILL BE RISTALED AT OCKTONS SHOWN ON THE TASIN AN SWETTS AND AS SPECIATED ON THE CONFIGURATION OF A DESCRIPTION OF THE PROPERTY SHOULDS, SHOWN AND METHODS OF A PHYSING MEDICAL DIGINARIES, FROM TO CROSSING THE CONFIGURACE, STREAMS AND SHOULDS WILL BE RESIDENCE AND AND SHOULD SH
- WITHARD CHOESING WIDTHS FOR UTLITY CRIDINALS WILL BIT WITH TO A MANALA AND WILL BE STABLIZED BY TAKING TWARTE MATH. BITHARD OR THE JAKE JAKE TO BY TAKING TWARTE MATH. BITHARD OR THE JAKE JAKE TO BY TAKING WITH AND THE WITHARD WITH STABLIZED TO THE RESENCE CHOSTINGTON. A LAW STABLIZED THAN TO THE WISH WAS TO THE RESENCE CHOSTINGTON. A LAW STABLIZED THAN TO THE WISH WAS TO THE WEST WAS A DECIDENT WAS OFFICED.
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- THE TREASES AT EMBEGANISH SACRESS TRANSPORTED REPORT AND ADDRESS THE RESIDENCE WOMEN TO WOOD READ THE THINGS THE RESIDENCE TO ADDRESS TO WOOD ADDRESS TO ADDRESS THE STANDARD THE RESIDENCE TO ADDRESS TO ADDRESS THE RESIDENCE TO ADDRESS TO ADDRESS THE ADDRESS
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- mentation of AL Electron ACE statement for commission in A a A relevant replication control and replication of the aces of the
- IN DESIGNATI TRACKING ON THE PUBLIC KONOMIN'S ALLONED. IN THE EVENT THAT SEDIMENT IS INJURENTLY TRACKED ONTO THE HOND, THE ROND SHILL BE ILLEMED THOROUGH, Y BY THE END OF EACH DAY WEDMENT SHILL BE REMOVED FROM ROADS BY SHOWELMS OR PICKLY SWEETING.
- L THEASTER THEASTER

AFE # A12768 10/2/2024 DATE

REVISION REMIED PER COMMENTS THOM MEINFELDER & ANTERO REMIED PER COMMENTS THOM ANTERO

APPLICABLE STABLIZATION PRACTICES INCLUDE. BUT ARE NOT LIMITED TO, TEMPORARY AND PERMARENT SEEDING, SOCIONG MULCHING, EROSION CONTROL FABRICS AND MATTING, THE EARLY APPLICATION OF GRAVEL BASE ON AREAS TO BE PAVED, AND DUST CONTROL

SELECTED SOL STABILIZATION MEASURES SHALL BE APPROPRIATE FOR THE TIME OF YEAR, SITE CONDI-

ALL SOFT BY REPAYED FOR WANDERFORD THE THE SOFT BY REPAYED FOR THE CANDERFORD THE SOFT BY REPAYED FOR THE SOFT BY SOFT

THE CONSTRUCTON SEQUENCE FOR THE SUBSURFACE INSTALLATION OF THE WATER PPELNE WIT FOLLOW THE ABOVE REFERENCED GENERAL CONSTRUCTION SEQUENCE FEMS 1-SALABOVE). THE EXMITTIACTION SEQUENCE FOR THE SUPPLIED WATALLATION OF THE WATER PHYLINE CONSESTS OF THE PLLUMING. 23.A. EAS CONTROL RE-ANSTALLATION MAY REQUIRE FIELD ADJUSTMENT FROM THE ORIGINAL EAS PLAN, SO AS TO ALIÓN. ACTIVITY MND ASSOCIATED DISTURBANCE.

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PIPELINE BMPs INSTALLATION AND REMOVAL SEQUENCE

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TRIVIONAN SETMENT SARRERS SUCH AS APPROPRIATELY SUZED SELF TENCE OR EN-MINCED BIEN WILL BE PLACED DOWN SLOPE OF WIDOK AREAS AND MOUND SOLST DOSPULES, AS NECKED NTELY SIZED FENCING WILL BE PLACED AROUND WETLANDS AND WATERSODIES ADJACENT TO THE

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THENCH DEMATERING, I NEEDED, VIL BE CONDUCTED URING A PLUAP AND HOBE. WATER WIL BE RELEASED INTO A FILTER DAD AND FOR DEWATERING STRUCKINE FAT, MICHAEL STREAM STATEMENT FOR THE TRUED FOR DEWATERING WERN ANALASE. VISUALLY DIREPORALE SING HOLES STRUCKINED WEND OF DEWATERING ACTIVITY, WILL BE ANDRED WERN TORSISHEE.

TRENCH BIEDARERS WILL BE MSTALLED IN SLOPING AREAS DREATER THAN FIVE PERCENT AND ON SLOPES ADJACENT TO STREAMS, WITLANDS, AND HIGAD CHOSISHAGS TO PREVENT SUBSURFACE EROSION TRENCH BIREARERS WILL BE INSTALLED IN ACCORDANCE WITH THE SPACING REQUIREMENTS.

NORABLE BADGLED FOLOWED PREUE WITALING WITALING OR OTHER SCHAMTON WORK IN AREA WHOR TO SOUTH WAS BEEN SEDIEGATED. THE RESEARCH WAS BEEN SEDIEGATED. THE SOUTH WAS TRANSFED OFFER THE AREA FROM MAIOH IT WAS TRANSFED OFFER WELL BY STREAM AND HET WAS TRANSFED OFFER THE AREA FROM MAIOH IT WAS TRANSFED OFFER WELL BY THE STREAM WAS THE WAS AREA FROM MAIOH IT WAS TRANSFED OFFER WELL BY THE STREAM WAS THE WAS AREA FROM MAIOH IT WAS TRANSFED OFFER WELL BY THE WELL BY THE WAS TRANSFED OFFER WELL BY THE W

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ALPOLUTANTS INCLUDY WASTE WALRIALS AND CLARCLICON DURING. THAT OCCUR ON SITE DURING CONSTRUCTION SHALL BE HAVINED AND DISPOSED OF IN A MANNER THAT DOES NOT CAUSE CONTAMINATION OF SLUVIACE WATER WOOD'N GERIS MAY BE CHOPPED AND SPIREAD ON SITE.

COVER, CONTAINMENT, AND PROTECTION FROM VANDALISM SHALL BE INCHARGET WASTES PRESENT ON THE SITE.

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SUMMARY OF MATERIALS (3D)

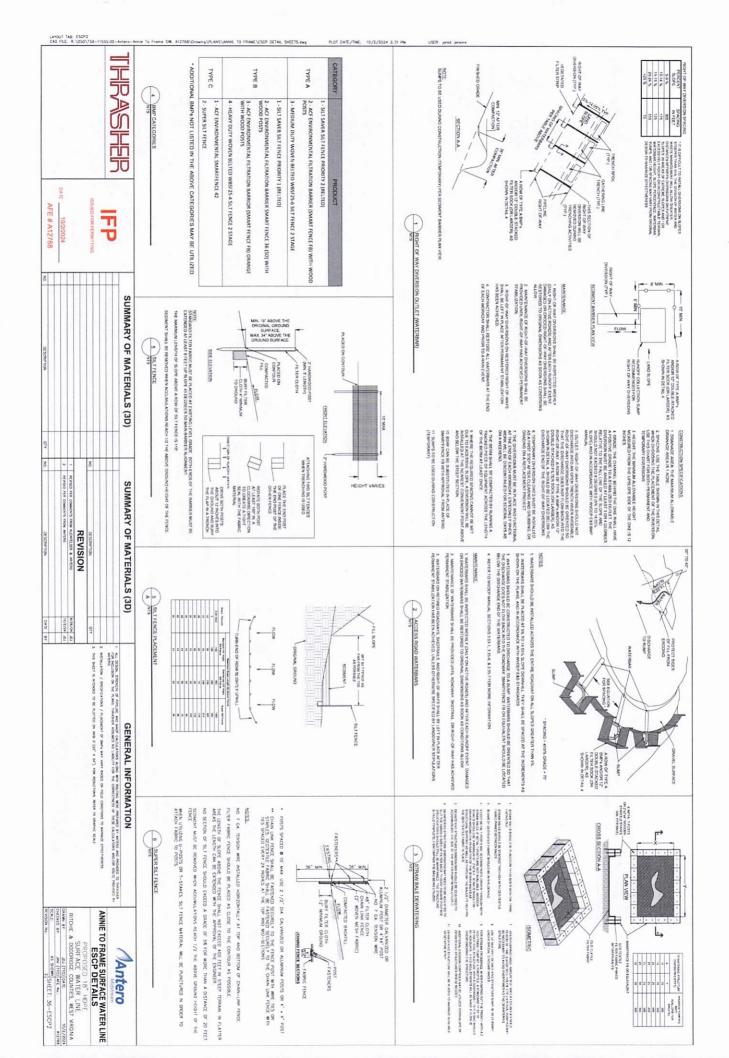
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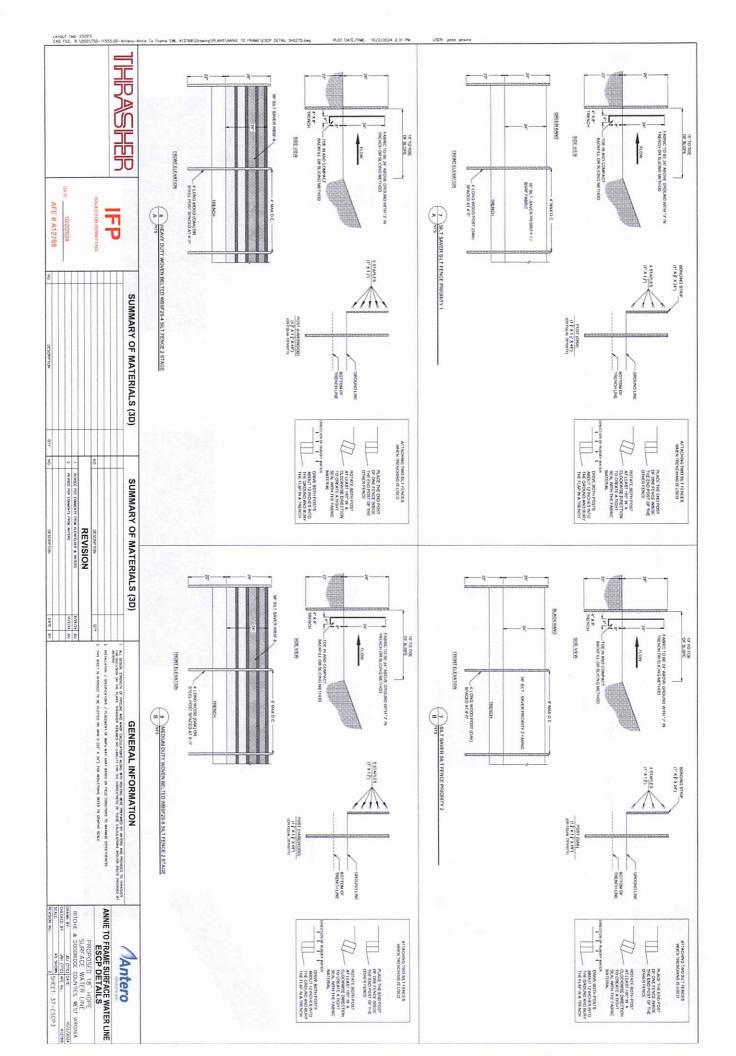
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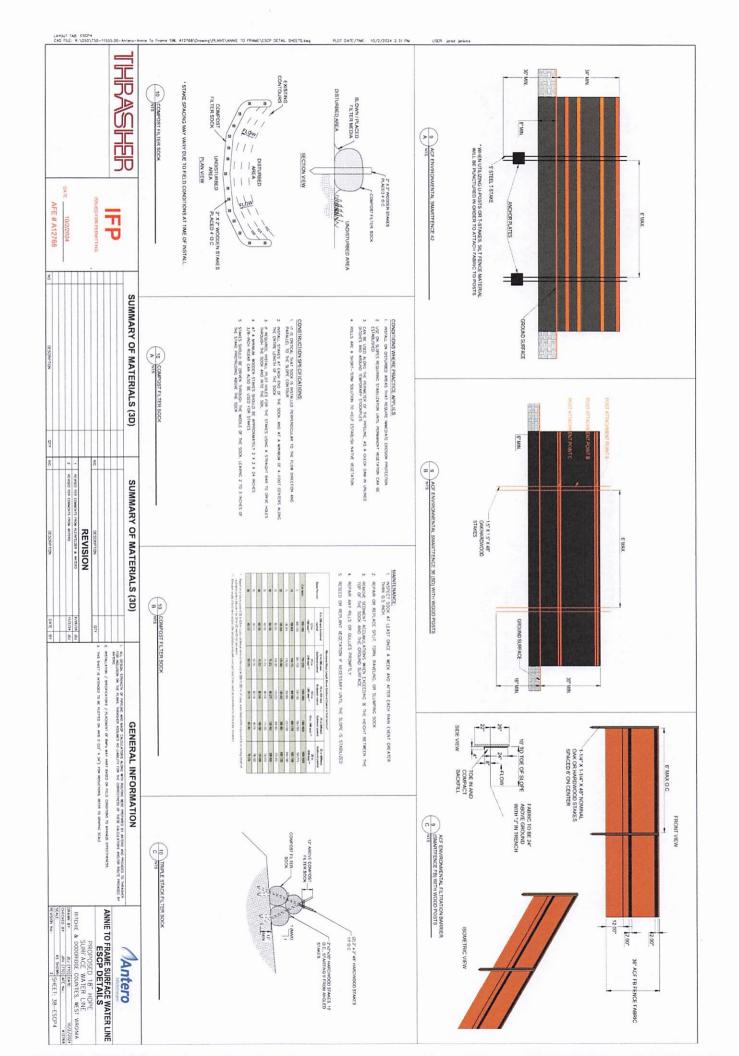
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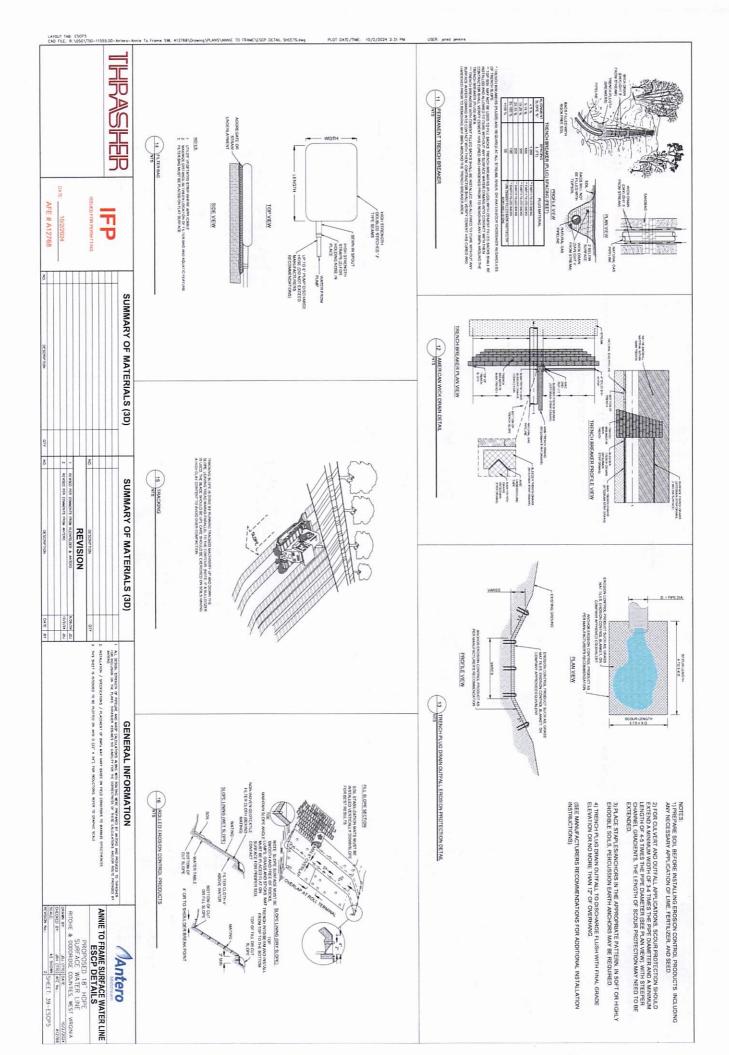
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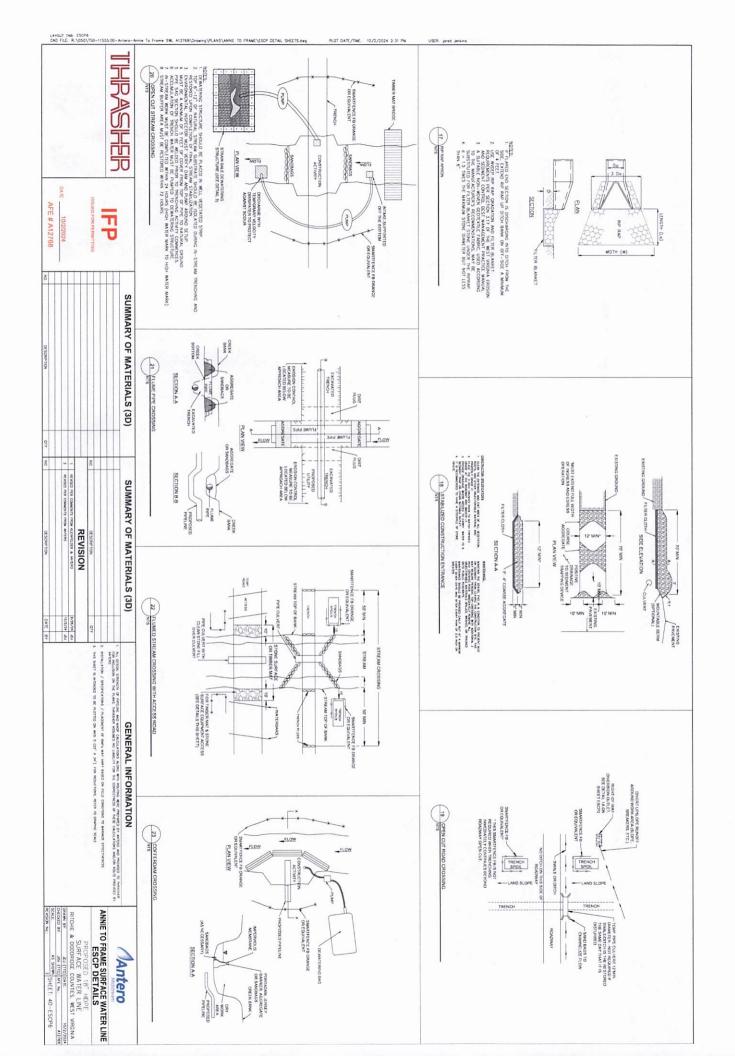
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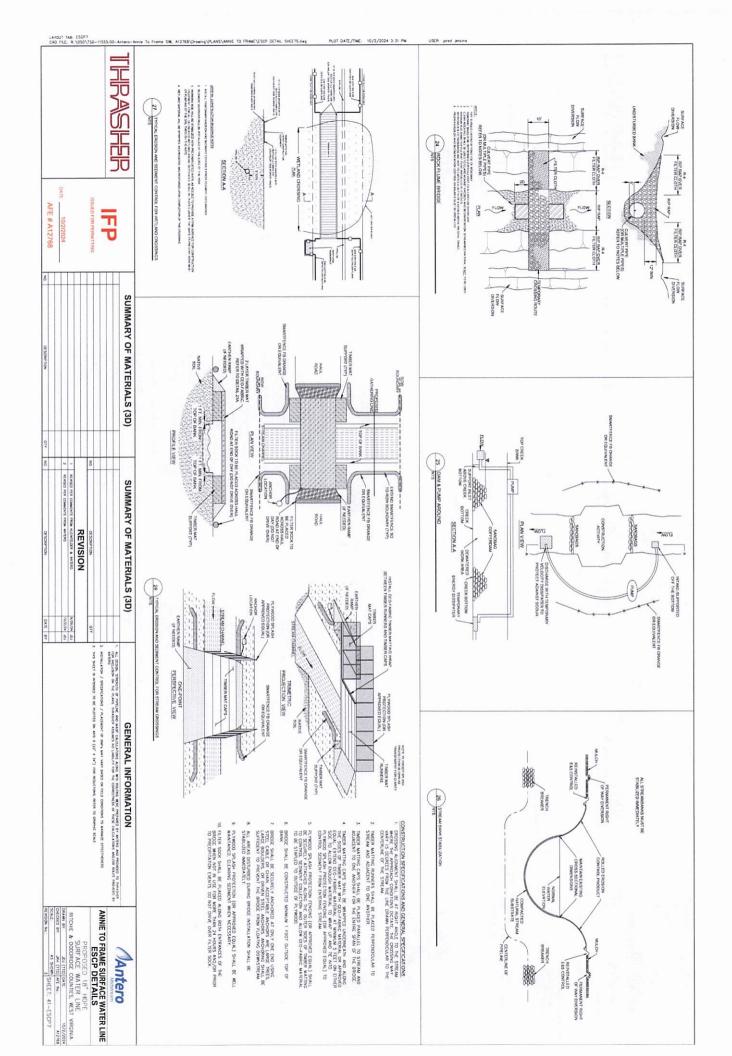


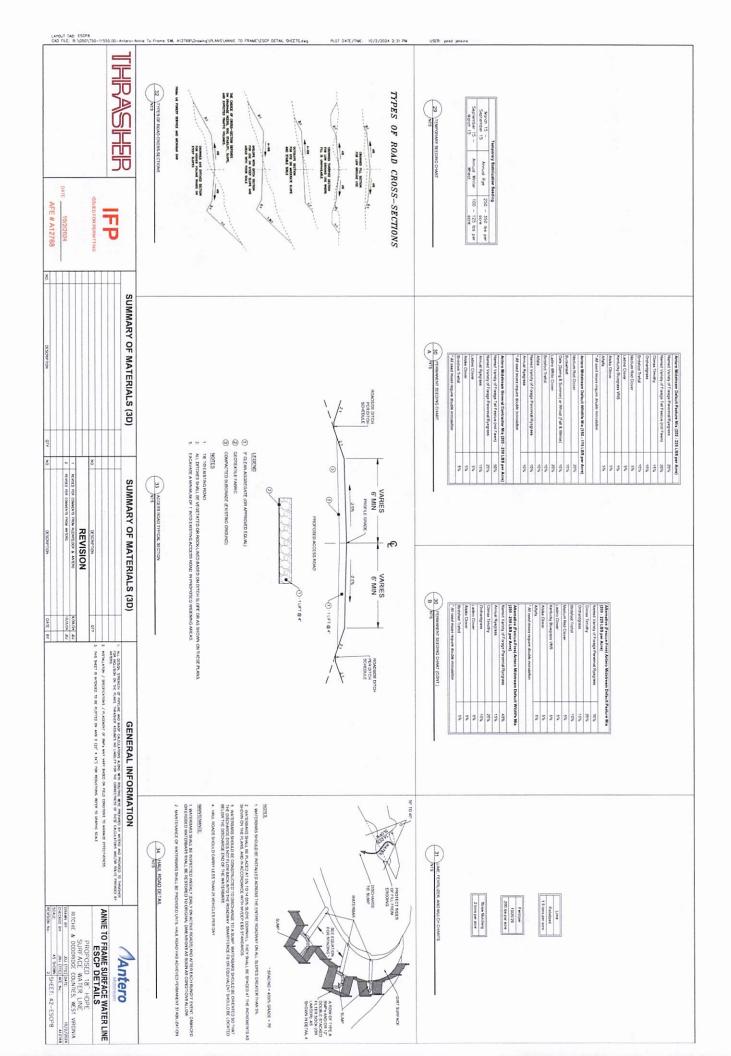


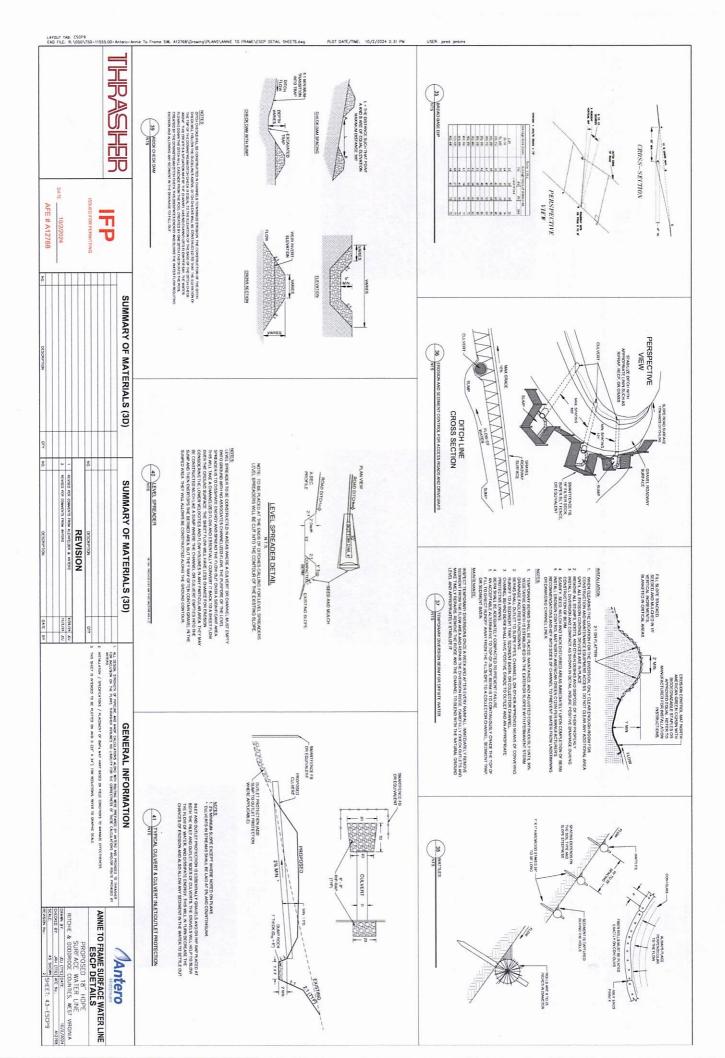


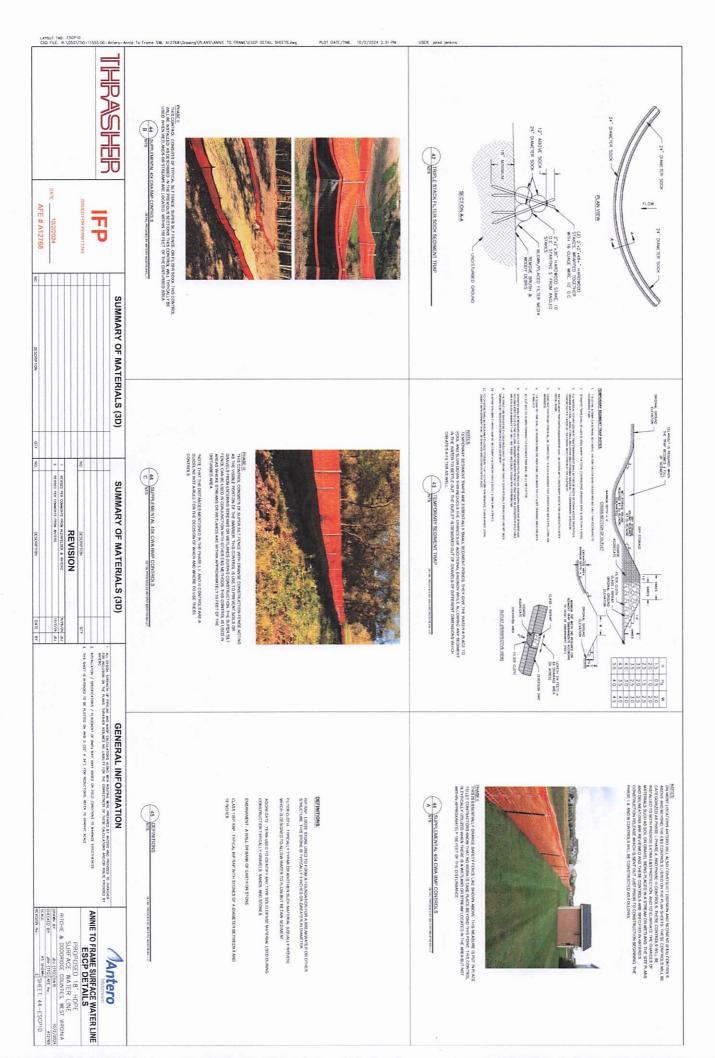


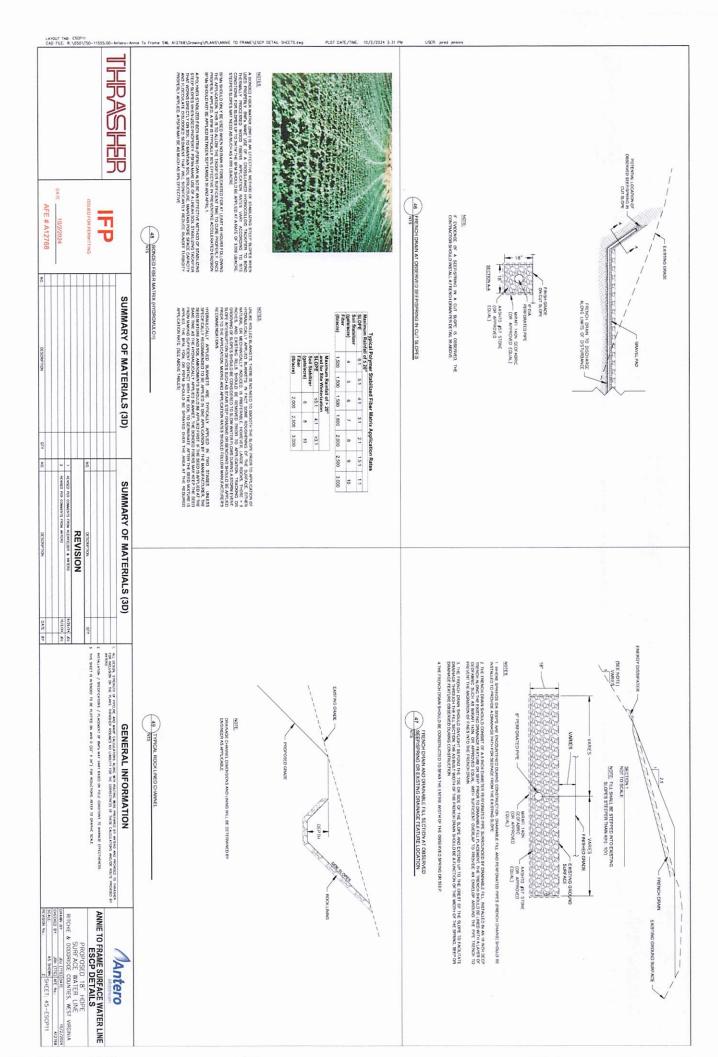


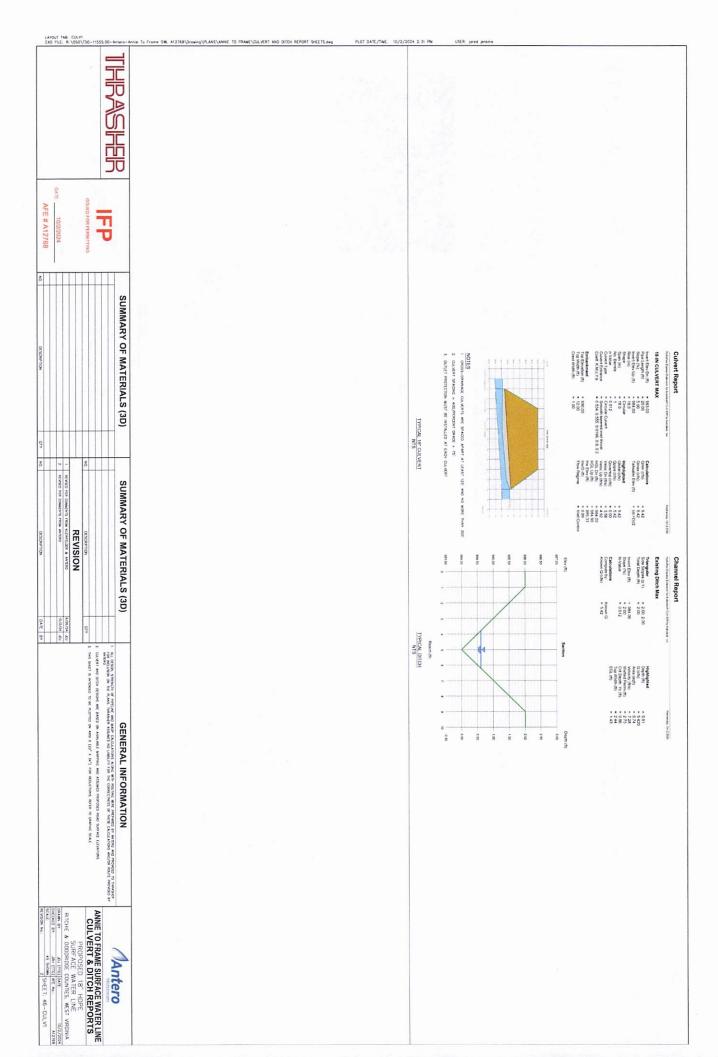












APPENDIX C NATIONAL STREAMFLOW STATISTICS (NSS) DOTSON RUN DODDRIDGE COUNTY, WV

flow calculation methods This stream is not proximate to a stream gage. Use the regional estimate. Spring 7Q10 Summer 7Q10 Fall 7Q10 Spring 7Q10 Summer 7Q10 Fall 7Q10 Winter 7Q10 Spring D50 Summer D50 Fall D50 Regional Estimates Downstream Gage Annual 7Q10 Known Losing Stream Potential Karst Influence Regulated Flow Regulated Flow Info Drainage Area Stream Code Harmonic Mean Winter D50 Annual 7Q10 Winter 7Q10 Upstream Gage Gage-based Estimates Potential Non-Perennial **Exceptions and Warnings** 7Q10 Query Results zoom to point examples: 38 15 30.1, -81 25 15.2 (lat, lon) 38.123456, -81.123456 (lat, lon) 500000, 4200000 (UTM as easting, northing) Input Coordinate 39 16 36.05, -80 54 21.88 Lat/Lon WGS 1984 Legend Dotson Run OLK-31-L-63 WVLKH-10-FF 3.832 sq 0.001 0.030 0.001 0.006 0.253 1.438 0.104 0.555 3.762 0.167 sq mi 55 55 55 33333333333333 2 2 2 2 2 Dotson Kun Crossing # I Basins Layers Basemaps Middle Run

esri, HERE, Garmin, (c)topenstreetting contri

Dotson Run Crossing #1

NSS Report

September 24, 2024 03:47PM

Study Area:

West Virginia

Statistic Group(s):

Peak-Flow Statistics

Regression Region(s):

Peak_Flow_Central_Mountains_Region_2010_5033

Peak-Flow Statistics

Peak_Flow_Central_Mountains_Region_2010_5033 Region Drainage Area = 3.832 (mi²)

[SEe, Standard Error of Estimate; SEp, Standard Error of Prediction; SE, Standard Error (other -- see report)]

Peak_Flow_Central_Mountains_Region_2010_5033 Region	Value	Errors (%)	Equivalent Yrs.	
Description	(ft ³ /s)	ASEp		
Maximum instantaneous flow that occurs with a 1% annual exceedance probability (PK1AEP)	870	47.9	5.6	

Citations

Wiley, J.B., and Atkins, J.T., Jr., 2010, Estimation of flood-frequency discharges for rural, unregulated streams in West Virginia: U.S. Geological Survey Scientific Investigations Report 2010–5033, 78 p.

Appendix

Equations

Peak_Flow_Central_Mountains_Region_2010_5033

PK1AEP =

 $297 \cdot DRNAREA^{0.800}$

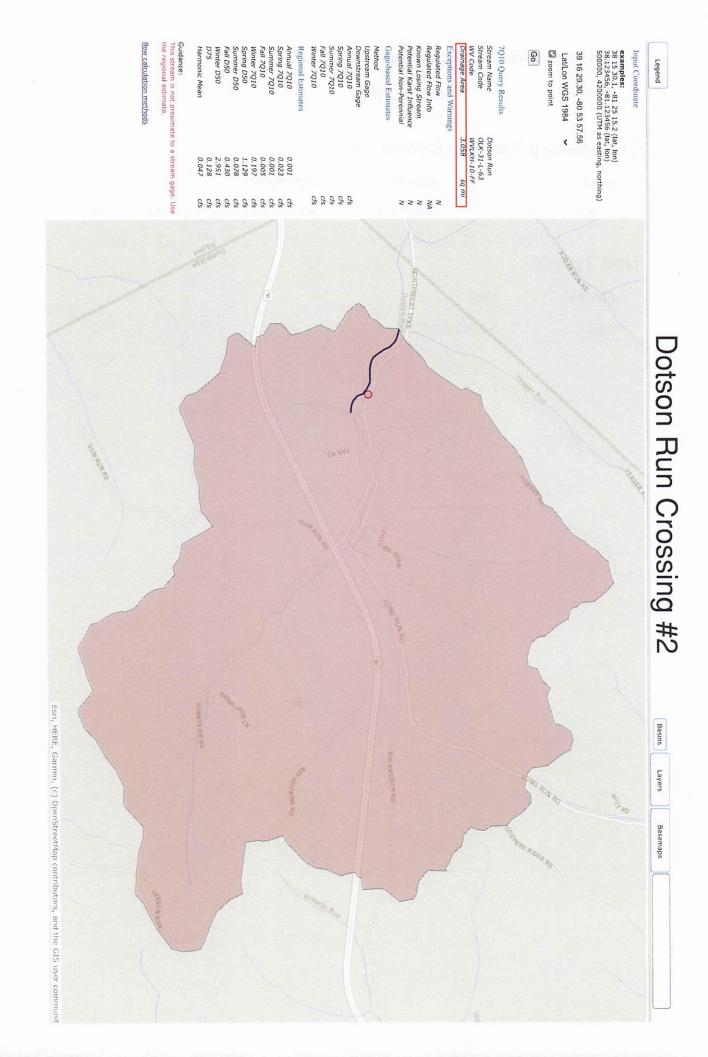
Explanatory Variable Definitions

Name Abbrev Description

Drainage Area DRNAREA Area that drains to a point on a stream

Unit Types

Abbrev	Unit				
	*** *** ***		-		
(mi²)	square miles				



Dotson Run Crossing #2

NSS Report

September 24, 2024 03:47PM

Study Area:

West Virginia

Statistic Group(s):

Peak-Flow Statistics

Regression Region(s):

Peak_Flow_Central_Mountains_Region_2010_5033

Peak-Flow Statistics

Peak_Flow_Central_Mountains_Region_2010_5033 Region Drainage Area = 3.058 (mi²)

[SEe, Standard Error of Estimate; SEp, Standard Error of Prediction; SE, Standard Error (other -- see report)]

Peak_Flow_Central_Mountains_Region_2010_5033 Region	Value	Errors (%)	Equivalent Yrs.	
Description	(ft ³ /s)	ASEp		
Maximum instantaneous flow that occurs with a 1% annual exceedance probability (PK1AEP)	726	47.9	5.6	

Citations

Wiley, J.B., and Atkins, J.T., Jr., 2010, Estimation of flood-frequency discharges for rural, unregulated streams in West Virginia: U.S. Geological Survey Scientific Investigations Report 2010–5033, 78 p.

Appendix

Equations

Peak_Flow_Central_Mountains_Region_2010_5033

PK1AEP =

 $297 \cdot DRNAREA^{0.800}$

Explanatory Variable Definitions

Name Abbrev Description

Drainage Area DRNAREA Area that drains to a point on a stream

Unit Types

Abbrev Unit

(mi²) square miles

APPENDIX D HEC-RAS FLOW COMPARISON – EXCEL SHEET DOTSON RUN DODDRIDGE COUNTY, WV

HEC-RAS	River :Dot	son Run (Crossing 1 Pro	ofile: PF 1	11 18 18	
Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev
				(cfs)	(ft)	(ft)
Reach 1	484	PF 1	Prop 100 yr	870	803.81	806.71
Reach 1	484	PF1	Ex 100 yr	870	803.81	806.71
Reach 1	406	PF 1	Prop 100 yr	870	803.81	806.26
Reach 1	406	PF 1	Ex 100 yr	870	803.81	806.25
Reach 1	317	PF1	Prop 100 yr	870	803.81	805.93
Reach 1	317	PF1	Ex 100 yr	870	803.81	805.92
Reach 1	296			Bridge		
Reach 1	266	PF 1	Prop 100 yr	870	803.81	805.62
Reach 1	266	PF1	Ex 100 yr	870	803.81	805.62
Reach 1	181	PF1	Prop 100 yr	870	800.53	805.33
Reach 1	181	PF1	Ex 100 yr	870	800.53	805.33
Reach 1	124	PF1	Prop 100 yr	870	800.53	803.65
Reach 1	124	PF1	Ex 100 yr	870	800.53	803.65
Reach 1	45	PF1	Prop 100 yr	870	800.53	804.12
Reach 1	45	PF1	Ex 100 yr	870	800.53	804.12

HEC-RAS			Crossing 2 Pr	ofile: PF 1	AF GREEK	
Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev
				(cfs)	(ft)	(ft)
Reach 1	629	PF1	Prop 100yr	726	813.66	818.42
Reach 1	629	PF1	EX 100yr	726	813.66	818.38
Reach 1	600			Bridge		
Reach 1	571	PF 1	Prop 100yr	726	813.66	818.28
Reach 1	571	PF1	EX 100yr	726	813.66	818.28
Reach 1	527	PF 1	Prop 100yr	726	813.66	818.2
Reach 1	527	PF1	EX 100yr	726	813.66	818.2
Reach 1	471			Bridge		
Reach 1	438	PF 1	Prop 100yr	726	813.66	817.63
Reach 1	438	PF1	EX 100yr	726	813.66	817.63
Reach 1	314	PF 1	Prop 100yr	726	813.66	817.51
Reach 1	314	PF1	EX 100yr	726	813.66	817.51
Reach 1	218	PF 1	Prop 100yr	726	813.66	817.46
Reach 1	218	PF1	EX 100yr	726	813.66	817.46
Reach 1	58	PF1	Prop 100yr	726	813.66	817.23
Reach 1	58	PF1	EX 100yr	726	813.66	817.23



This is to certify that I am a duly qualified registered professional engineer licensed to practice in the State of West Virginia.

It is further to certify that based on the information provided to me, and the attached technical data supports the fact, the floodplain encroachments for the Patriot to Lynn Camp Surface Water Line — Cabin Run Crossing of a proposed 18" HDPE surface water line will not impact the 100-year flood elevation of Cabin Run at the published section in the Flood Insurance Study for Ritchie County (Community ID 540224) effective February 2, 2012 and will not impact the 100-year flood elevation at unpublished cross-sections in the vicinity of the proposed development. Work to be performed within the floodplain limits that was considered during the evaluation includes temporary disturbances associated with staging areas, equipment and supplies, stream crossing with a timber matting bridge with a jersey barrier/pier within the stream channel, and permanent improvements consisting of proposed subsurface 18" HDPE surface water line inside the stream channels and surface lines outside of the channels.

The proposed improvements will have a stream crossing located along Cabin Run. The crossing is located west of County Route 10/2 within Cabin Run south of Well Pad Road as shown on sheet 11 of the Permitting Plans included in this report in Attachment B. The total watershed (drainage basin) for the Cabin Run floodplain encroachments were shown to be 7.358 square miles, and maximum flows were calculated utilizing the National Streamflow Statistics (NSS) application available online. A Hydrologic Engineering Center's – River Analysis System (HEC-RAS) analysis was completed for both crossings, based on the drainage area above and associated flows, to verify that the proposed activities within the floodplain of Cabin Run will not adversely affect the adjacent properties. The flows compared for the affected area are attached.

Attached are the following documents that support my findings:

Attachment A: Maps of the Site from the West Virginia Flood Tool

Attachment B: Permitting Plans

Attachment C: National Streamflow Statistics - Drainage Area Flow

Attachment D: Comparison for Calculated Flows – HEC-RAS Excel Data

Date: October 5, 2024

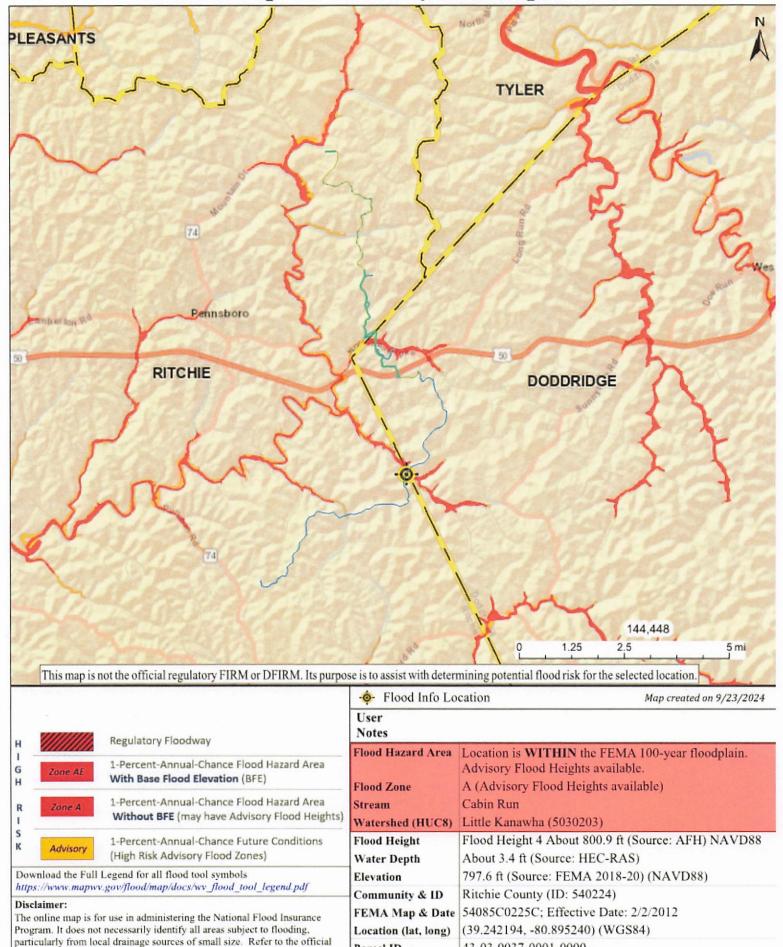
Title: Program Manager

25121

STATE OF

APPENDIX A WV FLOOD TOOL MAPS

WV Flood Map-AnnieToLynnCamp-Overall



Parcel ID

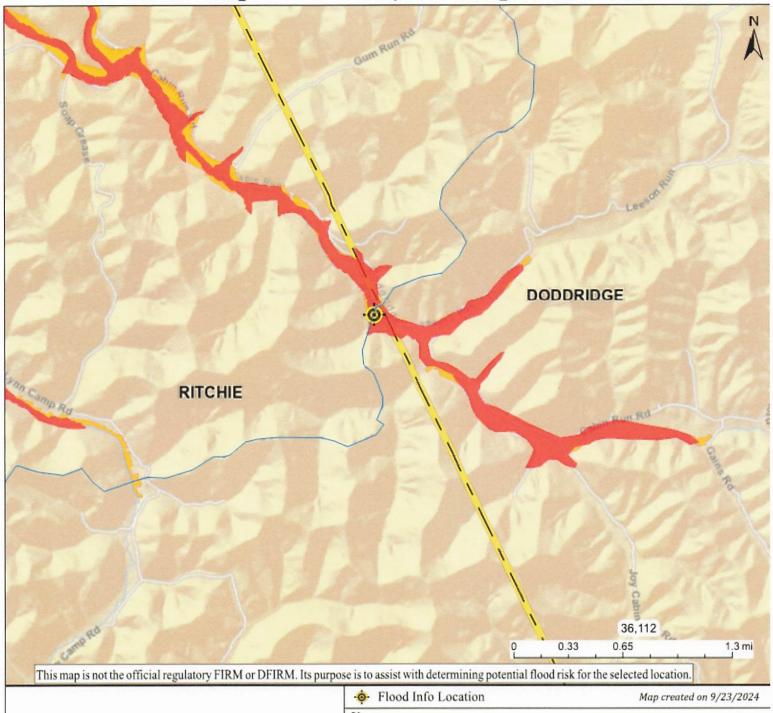
Flood Insurance Study (FIS) for detailed flood elevation data in flood profiles

by FEMA, WV NFIP Office, and WV GIS Technical Center.

and data tables. WV Flood Tool (https://www.MapWV.gov/flood) is supported E-911 Address

43-03-0037-0001-0000

WV Flood Map-AnnieToLynnCamp-Cabin Run



н		Regulatory Floodway
G H	Zone AE	1-Percent-Annual-Chance Flood Hazard Area With Base Flood Elevation (BFE)
R I	Zone A	1-Percent-Annual-Chance Flood Hazard Area Without BFE (may have Advisory Flood Heights)
S K	Advisory	1-Percent-Annual-Chance Future Conditions (High Risk Advisory Flood Zones)

Download the Full Legend for all flood tool symbols https://www.mapwv.gov/flood/map/docs/wv_flood_tool_legend.pdf

Disclaimer:

The online map is for use in administering the National Flood Insurance
Program. It does not necessarily identify all areas subject to flooding,
particularly from local drainage sources of small size. Refer to the official
Flood Insurance Study (FIS) for detailed flood elevation data in flood profiles
and data tables. WV Flood Tool (https://www.MapWV.gov/flood) is supported
by FEMA, WV NFIP Office, and WV GIS Technical Center.

1		
	User Notes	
	Flood Hazard Area	Location is WITHIN the FEMA 100-year floodplain. Advisory Flood Heights available.
	Flood Zone	A (Advisory Flood Heights available)
	Stream	Cabin Run
	Watershed (HUC8)	Little Kanawha (5030203)
	Flood Height	Flood Height 4 About 800.9 ft (Source: AFH) NAVD88
	Water Depth	About 3.4 ft (Source: HEC-RAS)
	Elevation	797.6 ft (Source: FEMA 2018-20) (NAVD88)
F	Community & ID	Ritchie County (ID: 540224)
	FEMA Map & Date	54085C0225C; Effective Date: 2/2/2012
	Location (lat, long)	(39.242194, -80.895240) (WGS84)
	Parcel ID E-911 Address	43-03-0037-0001-0000

APPENDIX B PERMITTING PLANS

ROUTE INFORMATION AND LOCATION PROVIDED BY ANTERO

EXISTING INFORMATION SOURCES
ASE CONTOUR DATA PROVIDED BY OTHERS

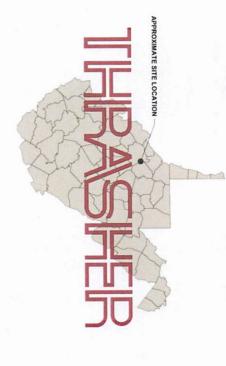
SE GEN ALICENA

STA 387+19 END LAT: N 39.2138960° LONG: W 80.9454210°

18" HDPE SURFACE WATER LINE PATRIOT TO LYNN CAMP SWL **ISSUED FOR PERMITTING PLANS FOR THE ANTERO MIDSTREAM PROPOSED**

DODDRIDGE & RITCHIE COUNTY, WV OCTOBER 2024 101-T50-11555

AFE # A12768





ALIGNMENT SHEETS PREPARED BY PHONE: (303) 357-7310 | FAX: (303) 357-7315 1615 WYNKOOP STREET DENVER, CO 80202

THE THRASHER GROUP

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MOR MORE THAN TEN (10) WORK DAYS SHORK TO THE EXCHANGE OF SLOT WORK.

WEST VIRGINIA

ROAD DESIGNATIONS OBTAINED FROM WV-DOH (http://www.transportation.wv.gov) BENCHMARK
AS WEST VIRGINIA STATE PLANE, NORTH ZONE, US SU
FETTICAL - NAVD 88 (GEORD18), US SURVEY FOOT

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CLAYTON C. WHITE, WV P.E. # 24495

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SUMMARY

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SUMMARY

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3. DITCH SPECIFICATIONS

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 $\underline{\text{DICH}}.\underline{\text{GRADING}}$ — THE BOTTOM OF THE DITCH SHALL BE CUT TO A UNIFORM GRADE SO THAT OF THE DITCH SHALL BE AVAILABLE FOR PROVIDING SLACK IN THE LINE WHEN LAID. THE FULL WOTH

BEND EXCAVATIONS - AT OVER-BENDS AND SIDE-BENDS, ALLOW PROPER CLEARANCE BETWEEN THE INSIDE BEND OF TO MAINTAIN THE MINIMUM COVER 五五 PIPE AND THE BOTTOM OR SIDE 유류 E DITCH TO

ROOK - IN ALL CASES WHERE ROOK, OR ANY BOULDER LARGER THAN THE BOTTOM OF THE DITCH, THE DITCH SHALL BE EVENLY PAIDED MATERIAL IN GROEF TO PREVENT THE ROCK OR BOULDERS FROM COATING TWO in, IN DIAMETER IS ENCOUNTERED IN D WITH SOIL, SAND OR OTHER PADDING COMING INTO CONTACT WITH THE PIPE

A SPOIL DAMN.

A SPOIL DAMN FROM THE DITEMS DEPARTIONS SHALL NOT BE PLACED ON ANY LODGE DEBRS OR FORDER NATERY WHICH MOST BECOME MADED DEBRS CHARDONS AND BACKFULING DEPARTIONS. THE CONTRACTOR SHALL HAVE DEBRS OR FORDER OF DEPARTS ON A FESSOR SHALL MADORS CLIMINATED FILEDS. SO THAT PROVIDE AND MASTER SHALL BE EXCHAINED SETTINGS. THE SHALL BE EXCHAING THE CONTRACTOR AND USE LITTLESS CHARD. SHALL BE DEBROSED IN THE STATE AND MESTIVE.

5. TEMPORARY BRIDGES

WERN THE DITCH IS DECAMITED THROUGH LANDS WHERE UNESTROCK/MULTER IS COMPINED OR THROUGH ACROCALIDATAL FELDES WHERE THE COMPANY OF DEFININGS IT IS DESIRABLE FOR THE ACROOMERS OR TENAND HAVE A PASSAGEMY ACROSS THE DITCH THE COMPINATION SHALL PLUE THE DITCH OR REPORTED TO TEMPORARY BROCES FOR CROSSING THE DITCH AND LEAKE AND DEFINIOR IN THE SECO. BANK

6. EXCANATING NEAR INSERVICE PPELINES

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F TIME.

7. HAULING AND STRINGING THE CONTRACTOR SHALL HA WORK AREA. THE CONTRAL AND SPOTTING OF ALL MAT THE RIGHT-OF-WAY IN A MA CONTRACTOR SHALL HAUL AND STRING PIPE, CASING AND OTHER MATERIALS TO THE R AVAREA. THE CONTRACTOR SHALL PROVIDE ALL RECESSARY TRUCKS AND EQUIPMENT 5 SPOTTING OF ALL MATERIALS. THE CONTRACTOR SHALL TURKINS WORD AND PACE 18(0HT-0F-WAY IN A MANNER WHICH KEEP'S BOTH ENDS FREE OF DRY AND DEBRIS.

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OF THE NOWING, DAMETER, ALL BENDS SHALL WEET THE CROTERIA SET FORTH IN DOT PART.

OF THE NOWING, DAMETER, ALL BENDS SHALL WE FREE PROVIDED OF MECHANICAL SHALL BE FREE FROM BOOKING, FLATERING, CRACKS OR OTHER ENDOUGH OF MECHANICAL SHALL BE FREE SHALL BE FREE FROM BOOKING, FLATERING, ESTAGE SHALL BE FREE SHALL

AS F PIPE AL WELD, THE LONGITUDINAL BEND.

GENERAL CONSTRUCTION SPECIFICATIONS

BENDING MACHINE - EACH BEND SHALL BE MADE USING A COMPANY APPROXED BENDING MACHINE HAVING A PULL ORDER BENDING SHOR WITH A RECORREC OF URETHANG LINKING TO PRODUCE A SMOOTH, STAMLERCH, ECHOLORIUM, STAMLERCH, CONCIDIONAL, STAMLER SHORT, WANDER OF THE BEND HUESS HE BEND LINKESS HE BEND ALLESS HE ARE NEED AMADE WITH AN INTERVAL BENDING WANDER OF THE PEPE IS TO A MORE THAN A PROPER DIAMETER OF AND ANALYTICATION OF THE PEPE MALL THOORESS WANDER OF THE PEPE IS TO A MORE THAN A WANDER SHALL BE CONSTRUCTED TO AND DEPARMEDITY WANDER DAMAGES HE BEND A A NAME THAN A WANDER SHALL BE CONSTRUCTED TO AND DEPARMEDITY WANDER DAMAGES HE BEND A SHALL BE CONSTRUCTED TO AND DEPARMEDITY WANDER DAMAGES HE BEND A SHALL BE CONSTRUCTED.

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9. SWABBING AND CLOSING OPEN ENDS

SWADDING — EACH PIPE JOHT SHALL BE SWARRED AS NECESSARY WATER FROM THE INSDE OF THE JUPE BEFORE THE JOHN'S ARE DERAITION SHALL NOT BE CARRIED ON MORE THAN FOLIR JOHN'S AUTOWING AND WELDING OPERATIONS. RY TO REMOVE A RE ALIGNED AND S AHEAD OF THE ALL DIRT AND FOREIGN
MELDED. THE SWABBING
E FIRING LINE WELDERS OR

COMMED ENDETENDS — WHERE HE LIVE IS WEDDON LONG SECTIONS BY THE FIRMS CHE WETHOU, ONEN IN OPEN ROUS DE USIGNER, A COMPETEN OF MY COMPLET LONG SECTIONS SHALL BE COMPETEN OF MY COMPLET LONG SECTIONS, AND CAPITALITY SHALLY JOHNED DEBNIC THE LAYING OFFERINGHS, CLOSE ATTENION SHALL HOLD OFFER COMPETEN OF MY COLOR LIVE OFFER COMPANIES SHALLY JOHNED DEBNIC THE LAYING OFFERINGS. CLOSE ATTENION SHALL BE COMPETEN OF SHALLY JOHNED SHALL BE LAYING OFFER LIVE FIRE OF MY ATTENION OFFER COMPETENCY.

BECKNINGN OF FOSION MATER IN THE PIPELINE — THE OPEN BNO OF THE UNE SHALL BE SECURELY CLOSED AT THE END OF EACH DAY'S WORK TO PREKNT ENTANCE OF SHALL ANNALS OR THE INTRODUCTION OF FOREIGN ANTER OF MAY NATURE AND SHALL NOT BE RECIPIED UNIT, WORK IS RESAULD ANY BOSTRUCTIONS REMANDING IN THE UNE AFTER THE COMPLETION THEREOF SHALL BE REMOKED.

10. POSITIONING OF LONGITUDINAL SEAM.

IN RISTANCES WHERE PER OPER THAN SEAMLESS IS FURNISHED BY THE COMPANY, THE LONGITUDINAL SEAMS OF SUICH PER SHALL BE STANCISTED BY NOT MORE THAN 45'. LONGITUDINAL WILD SEAMS SHALL HAVE A WANNUM FORE-MOST ORGANIFERNIAL, OFFSET BETWEEN ABUTTING JOHTS, UNESS OTHERWISE SPECIFED, THE LONGITUDINAL SEAMS ON AUALEST THE PER SHALL BE STANCISTED, THE AUADING ONE APPROXIMATELY IN THE 10 O'CLOCK POSITION.

11. LOWERINGAN PIPE

11. LOWERINGAN PIPE

OCER. - BROSS SHALL CONTINUOUS Y U.E. ON PIRM GROUND AT THE BUTTOM OF THE DITTOM OF THE BUTTOM OF TH OF BEND AT SIDE-B THE BOTTOM OF THE L BENDS BENDS

PPE. SLINGS AND CRADLES - THE CONTRACTOR SHALL PRO MAJAPED PPE. THE USE OF BELTING RESISTANCED WITH WIRE LOWERING-IN WHOLF PREVENTS DAMAGE TO THE CONTING CRADLES IS PREFERRED. ONDE PADDED SLINGS FOR HANDLING COATED CABLE SHALL NOT BE PERMITTED ANY METHOD SHALL BE ACCEPTABLE: HOWEVER, THE USE 998

BODS, DITCH_PADDING — IN ALL CASCS WHERE BOOKS 2 in AND LARGER ARE ENCOUNTERED IN THE BOTTOM OF THE DITCH AND NO ADDITIONAL PIPE COATING PROTECTION IS PROVIDED, THE CONTRACTION SHALL PROVIDE PADDING LARGEMY, PACED EVENLY AND CONTRIBUTIONS TO A MINIMAL DEPTH OF 8 in ALDING THE BOTTOM OF THE DITCH AS APPROVED BY THE COMPANY.

SUPPORTS.— HE CONTRACTON SHALL CONSTRUCT THE PREJUNE TO LE ON THE BOTTOU OF THE PREJUND AND THE BOTTOU OF THE PREJUNE TO STAND THE BOTTOU OF THE PREJUNE SHALL BE PACED AT POINTS TO PROVIDE STRESS-FREE SUPPORT FOR THE PREJUNE THE PREJUNE SHALL BE PACED AT POINTS TO PROVIDE STRESS-FREE SUPPORT FOR THE PREJUNE SHALL BE CONSTRUCTED IN STREET ACCORDANCE WHITH THE AMARTHACHTER'S NETHERANCE SHALL BE CONSTRUCTED IN STREET ACCORDANCE WHITH THE AMARTHACHTER'S NETHERANCE SHALL BE CONSTRUCTED IN STREET ACCORDANCE WHITH THE AMARTHACHTER'S NETHERANCE SHALL BE CONSTRUCTED IN STREET ACCORDANCE WHITH THE AMARTHACHTER'S NETHERANCE SHALL BE CONSTRUCTED IN STREET ACCORDANCE WHITH THE AMARTHACHTER'S NETHERANCE SHALL BE CONSTRUCTED IN STREET ACCORDANCE WHITH THE AMARTHACHTER'S NETHERANCE SHALL BE CONSTRUCTED IN STREET ACCORDANCE WHITH THE AMARTHACHTER'S NETHERANCE SHALL BE CONSTRUCTED IN STRAIL TO THE COMPANY AND WITHOUT PROVIDED THE COMPANY AND WITHOUT PROVIDED THE SHALL BE SUPPORTED WHIT SHALL BE NOT THE COMPANY AND WITHOUT SHALL BE SUPPORTED WHIT SHALL BE SHALL BE ACCOUNTABLE OF THE AMARTHACHTER'S NETWERN AND THE A

METER LOWENICAN HAS BETN COMPLETED, BUT BEFORE BACKFRUNG, THE OTTON SHALL BE PARKED DRY N.
UP MAD JAKES MAD THE LIVE SHALL BE MOSCIFED TO EDISHE HAT NO SIGN. BERSHA, STAMPS, BETS,
BOULDERS ON DEBISS, ARE IN THE DITCH, MO SIGN MATERIALS ON DEBISS ARE TO BE BACKFRUID INTO THE
DITCH, ATTER THE PAPER HAS BETS, MOSCIFED AND SHOP MATERIALS ON DEBISS ARE THE PALL DAMAGE. TO THE
PROTECTIVE COMPRICE HAS BETS REPARED MAD ATTER THE COMPRISE THE SHALD SHAPE TO THE
PROTECTIVE COMPRICE HAS BETS AND ATTER THE DITCH SHAPED THE SHAPE SHAPE TO THE
COMPRICTION SHALL COMPLETE THE STILLING OF THE DITCH TO PRODUCE A TRAIN SHACETL EXCANATED MATERIAL
SHALL BE PLACED IN THE DITCH TOPOLO, WHERE IT HAS BETM SEDERGATED, SHALL BE BACKFILLD AS CLOSE
AS POSSIBLE TO ITS ORIGINAL LOCATION.

BOOK, THO MODES IN DIMETER AND LARGER, OF LINE MATERIALS SHALL NOT BE EMPORTED DIRECTLY CRITO THE PAPER MARKE SLOVE MATERIALS ARE EXCOLUTIONED. HE CONTRACTOR SHALL HALL IF RECESSARY, HE PAPE TO TORM A POTENTIAL IF RECESSARY SHAPPING TO A MANAMENT OF SHAPPING DIRECTLY RECESSORY TO A MANAMENT OF SHAPPING DIRECTLY RECESSORY TO A MANAMENT OF SHAPPING DIRECTLY RECESSORY TO A MODIFICATION OF SHAPPING DIRECTLY RECESSORY AND A MODIFIED SHAPPING DIRECTLY RECESSORY AND A MODIFIED SHAPPING AND CANAMENT OF SHAPPING DIRECTLY AND A MODIFIED SHAPPING DIRECTLY RECEIVED THE DIRECTLY

13. TRENCH BREAKER

THE CONTRACTOR SHALL INSTALL EROSION BREAFROWER FULL PROTECTION AGAINST BAPORTL INSTALLATIONS AND SPACING SHALL COUPLE INSTALLATIONS AND SPACING SHALL COUPLE INSTALLATIONS AND SPACING SHALL STATE, AND FEDERAL REQUIREMENTS EAKERS IN WASHING THE DITCH OVER, UNDER AND AT VARIOUS POINTS ALONG FOLLOWING SPECIFICATIONS D AROUND THE THE PIPELINE E CONP BRE/

14. DRT PADDING

THE CONTRACTOR SHALL NISTALL ROCK-PREE DRY PADDING IN AREA DESCRIPTED BY THE COMMANY. TOPSOL

THE CONTRACTOR SHALL NISTALL ROCK-PREE DRY PADDING IN AREA DESCRIPTED BY THE GRAPHAY. TOPSOL

DICH. TOA A MANAGO DESTR. OF A SH. PROOR TO LONGENOU-IN THE INPELIES. JF OTHER ACCEPTABLE SEPONIES

TOR PADDICTING THE BOTTOM OF THE PAPE IS NOT HULLIGID. A MANAMA OF IS NO OTHER PADDING SHALL BE

RESTALLED AS CORES ON TOP OF THE LIKE AS PROTECTION PRIOR TO BACCELING. ACCEPTABLE ROCK-PREE

PADDING MATERIAL VALOS DIRECTLY FROM THE SPOIL ON BOOK-PREE PADDING MATERIAL TAKES DIRECTLY FROM THE SPOIL ON BOOK-PREE

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PADDING MATERIAL VALOS DIRECTLY FROM THE SPOIL ON BOOK-PREE

PADDING MATERIAL CAMB BY THE CONTRACTORS.

RIGHT-OF-TRACTOR S F-WAY SHALL BE DISKED, UN SHALL FURNISH THE LIME, S 6 DAYS OF FINAL CLEAN UP UP OR SEEDED AND FERTILIZED DURING AND FERTILIZER SEEDING, FERT IN ACCORDANCE WITH COMPANY NG THE CLEAN-UP
ENTILIZING AND MUL
Y ENVIRONMENTAL I P OPERATION, THE ULCHING MUST BE L REQUIREMENTS.

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15 CEAMINE

16 CONTRICTOR SHALL KEEP THE ROSIT-OF-MAY GEAR OF UTITE, SOUS DETECTIVE MATERIALS AND DIRER CONSTRUCTION OF THE BEASTLE, THE CONTRICTOR MAIL CLAW, THE ROSIT-OF-MAY IN A NATHER CONTRACT OF THE CAMPANY. SPECES SHALL BE ROSIT-OR-MAY IN A NORTH CONTRACT OF THE CAMPANY. SPECES SHALL BE CONTRACTOR THE CONTRACTOR THE CONTRACTOR THE CONTRACTOR SHALL HAWRIST CATES, TROCKIC CATES, STALLED AS MOCATED BY THE COMPANY. THE CONTRACTOR SHALL HAWRIST CATES, TROCKIC CATES, STALLED AS MOCATED BY THE COMPANY. THE CONTRACTOR SHALL HAWRIST CATES, TROCKIC CATES, TROCKI

AND AND AND AND

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OF PPELINE AND MADE CALCULATIONS ALONG WITH ROUTING WORL PREPARED BY ANTONO PLANS. THRASHER ASSUMES NO LIMINETY FOR THE CORRECTINESS OF THESE CALCULATIONS ABSENCE TOO BOOM

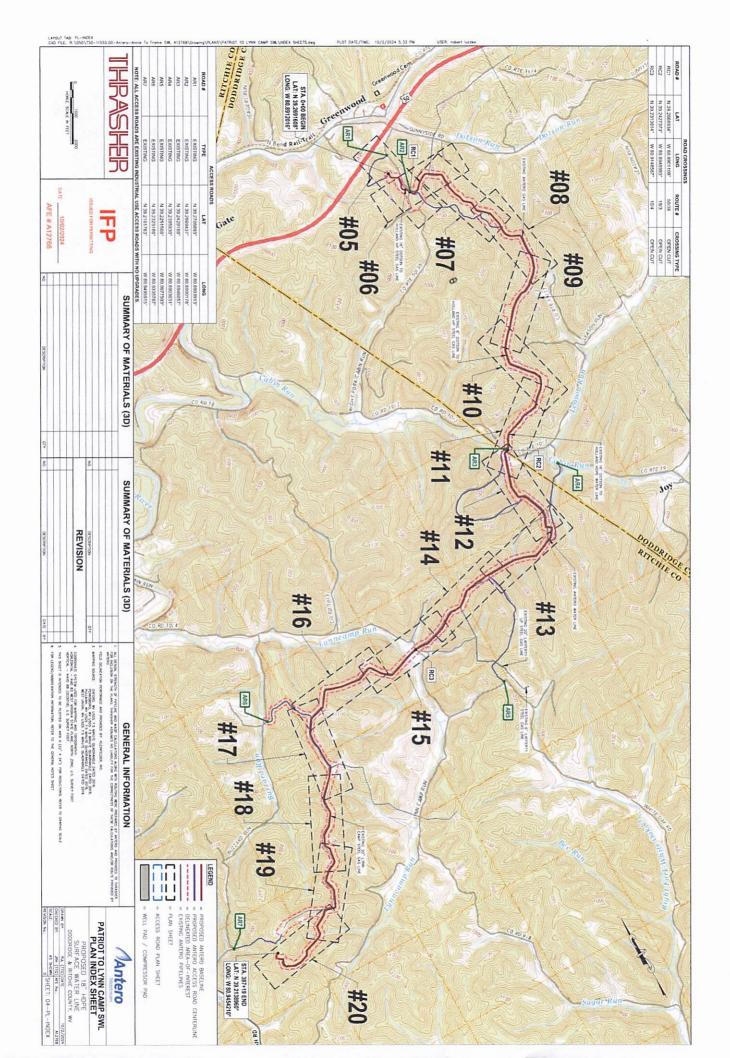
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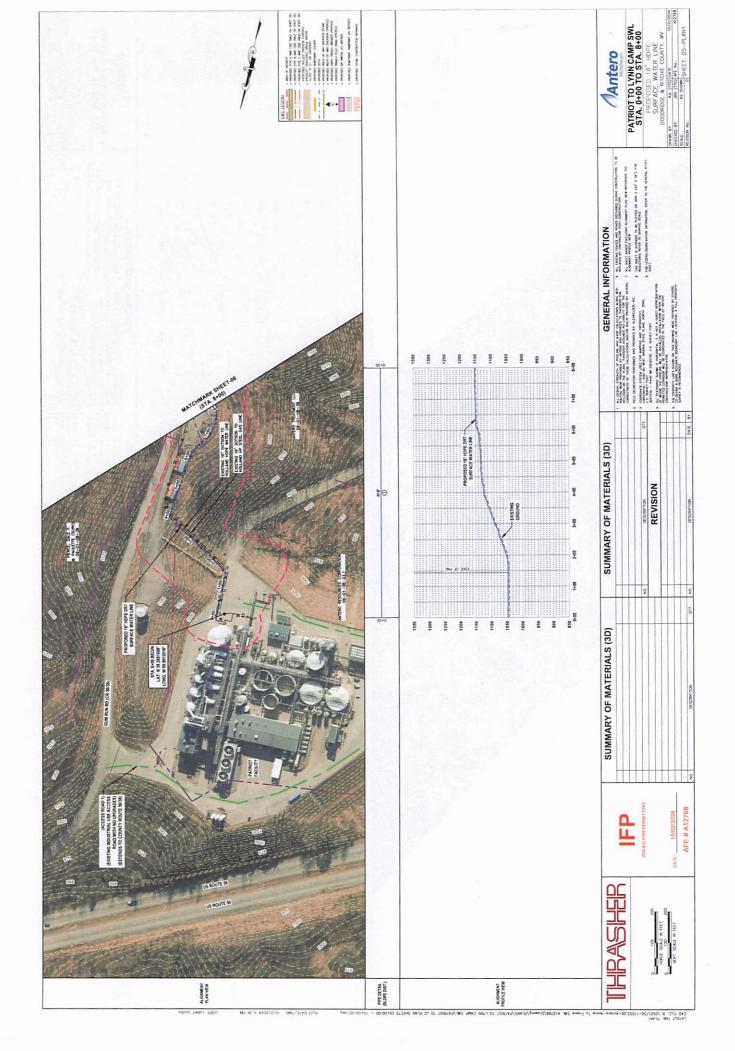
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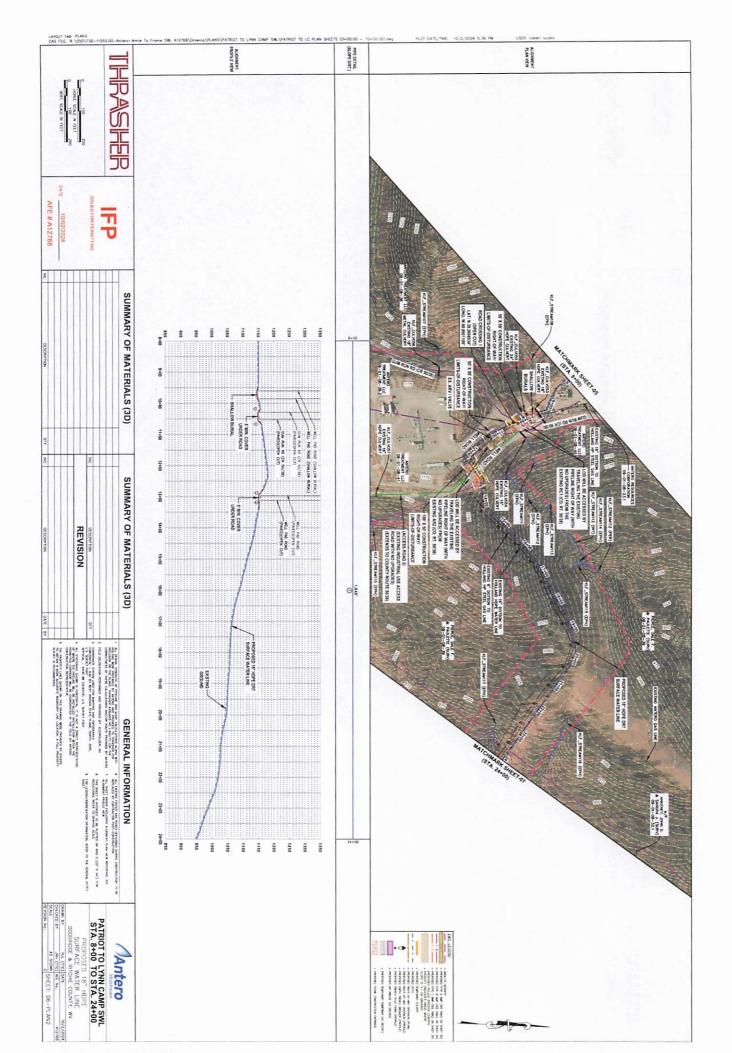
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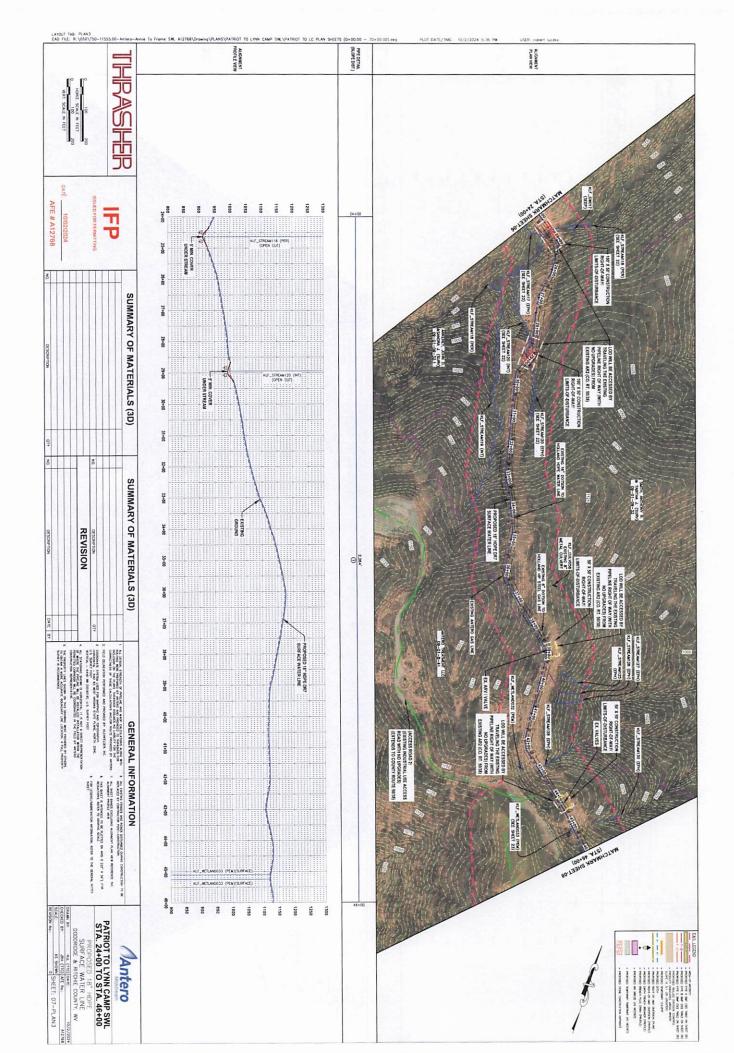
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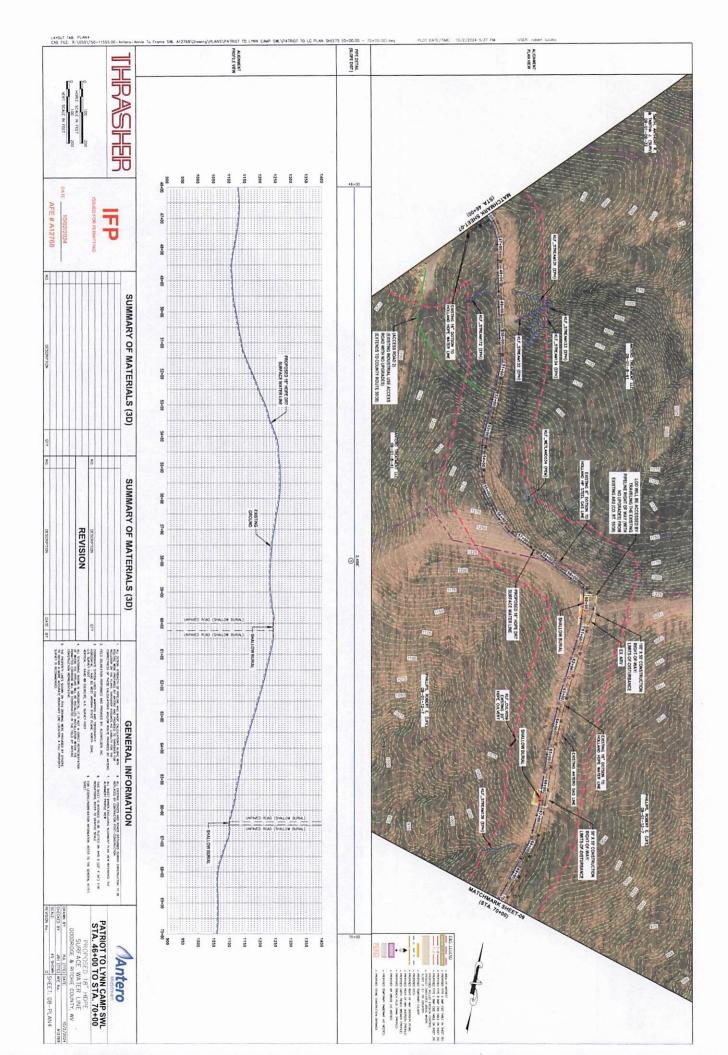
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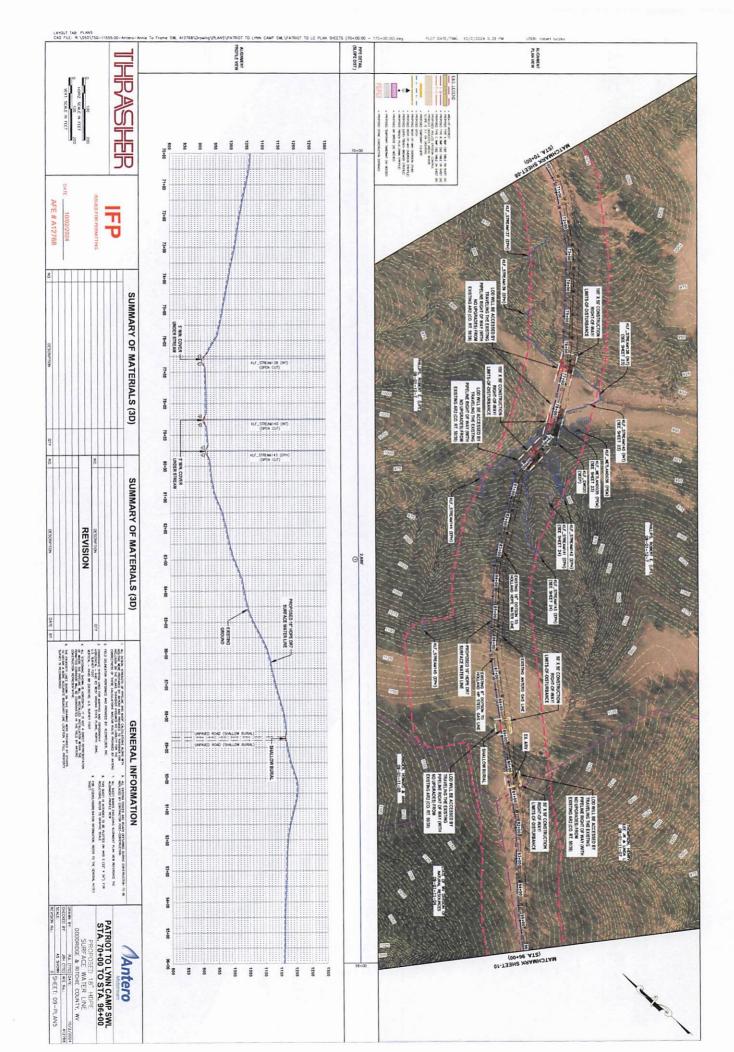


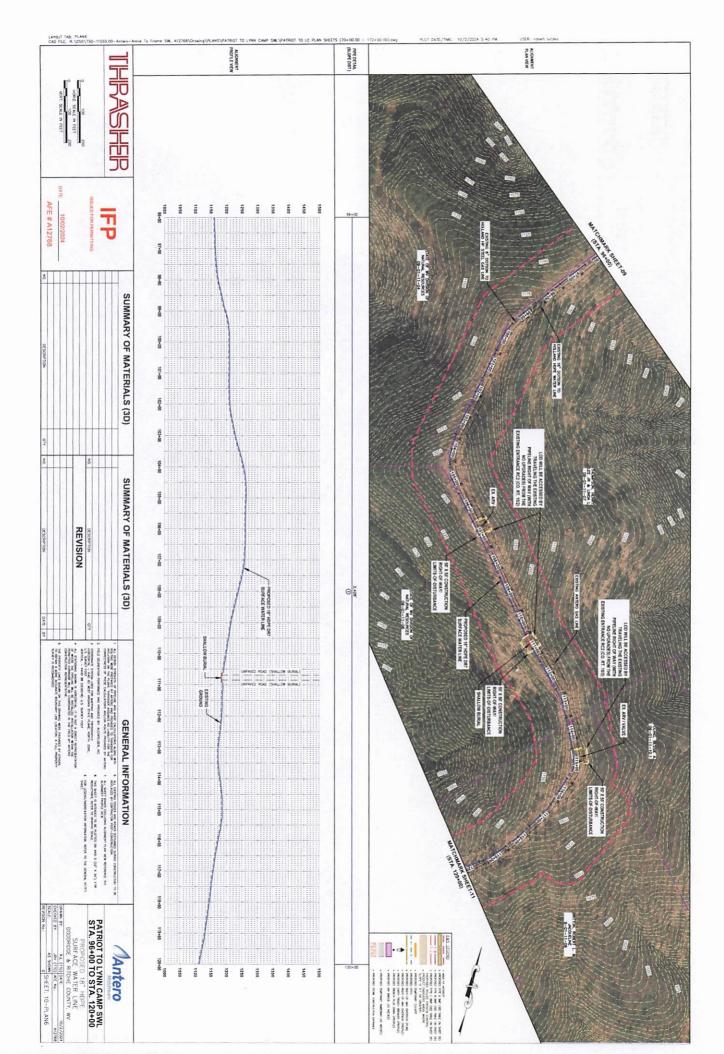


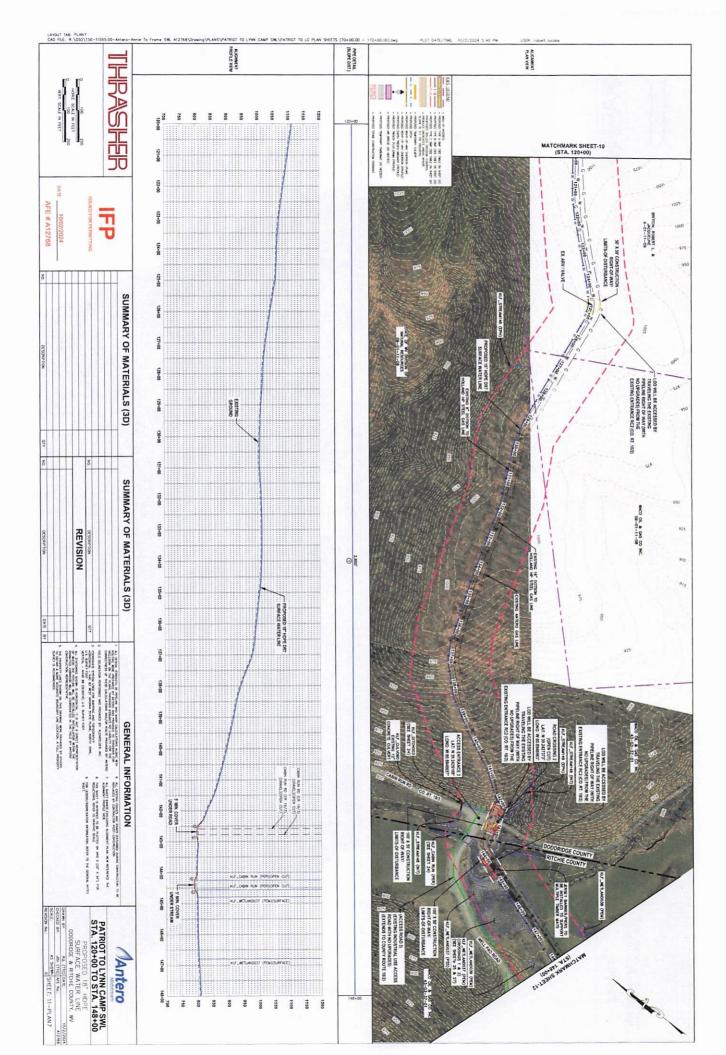


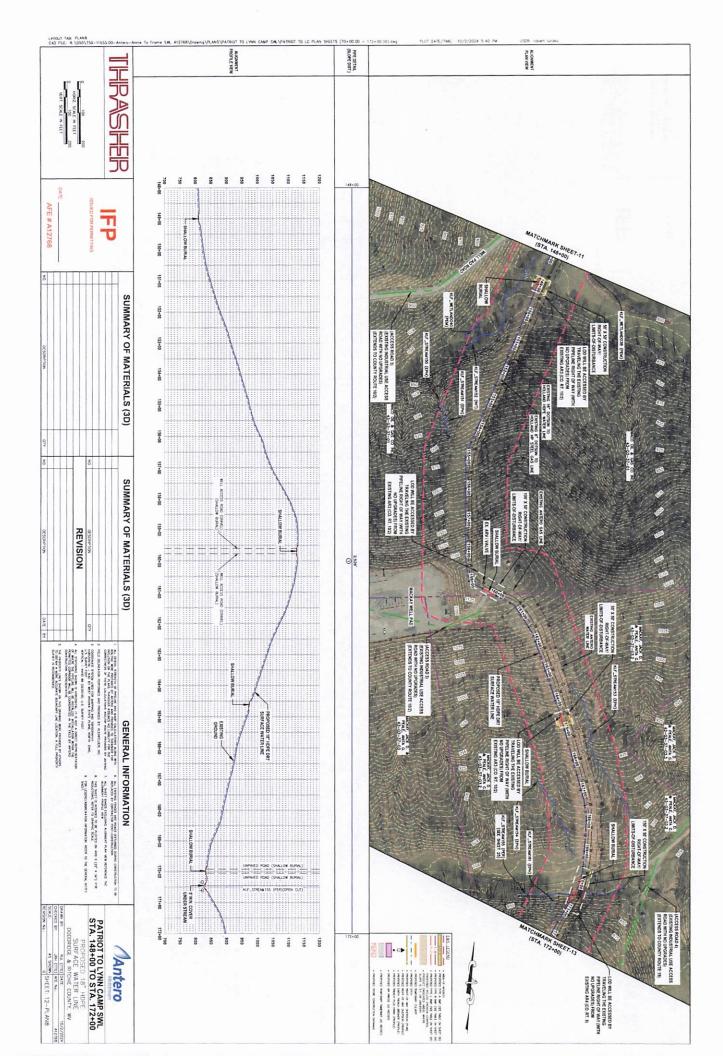


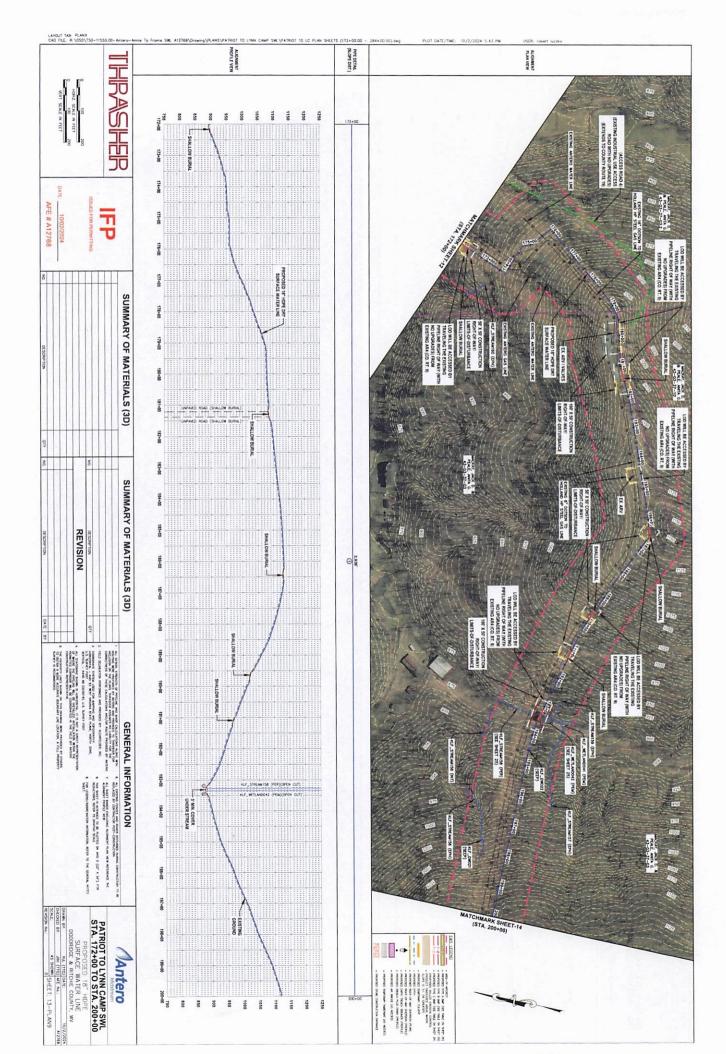


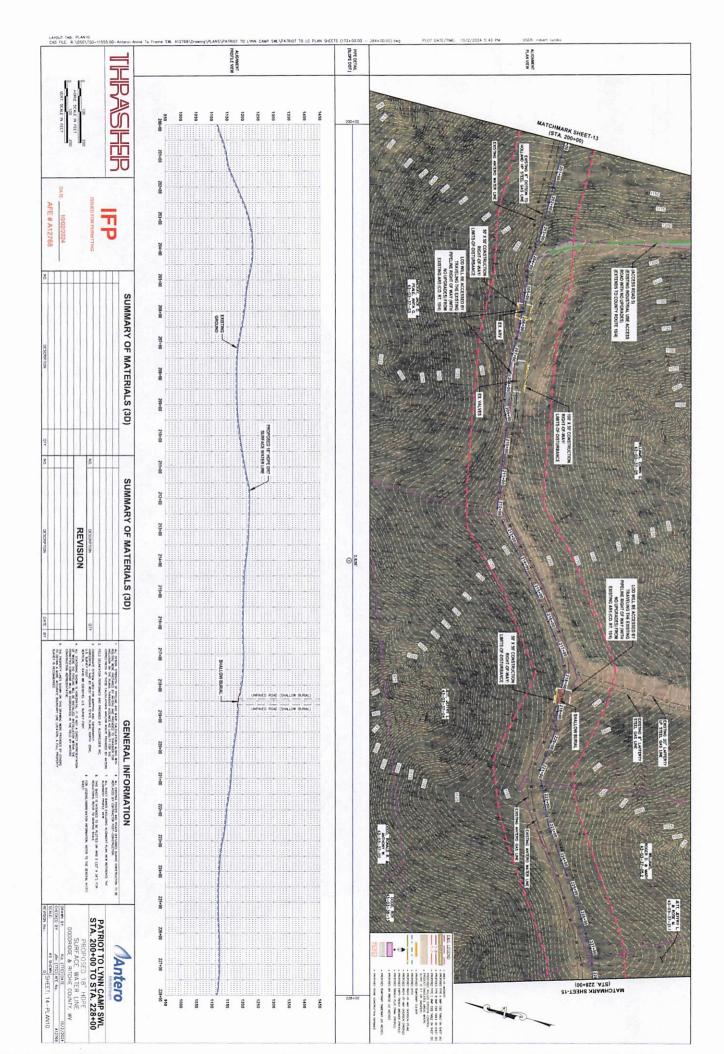


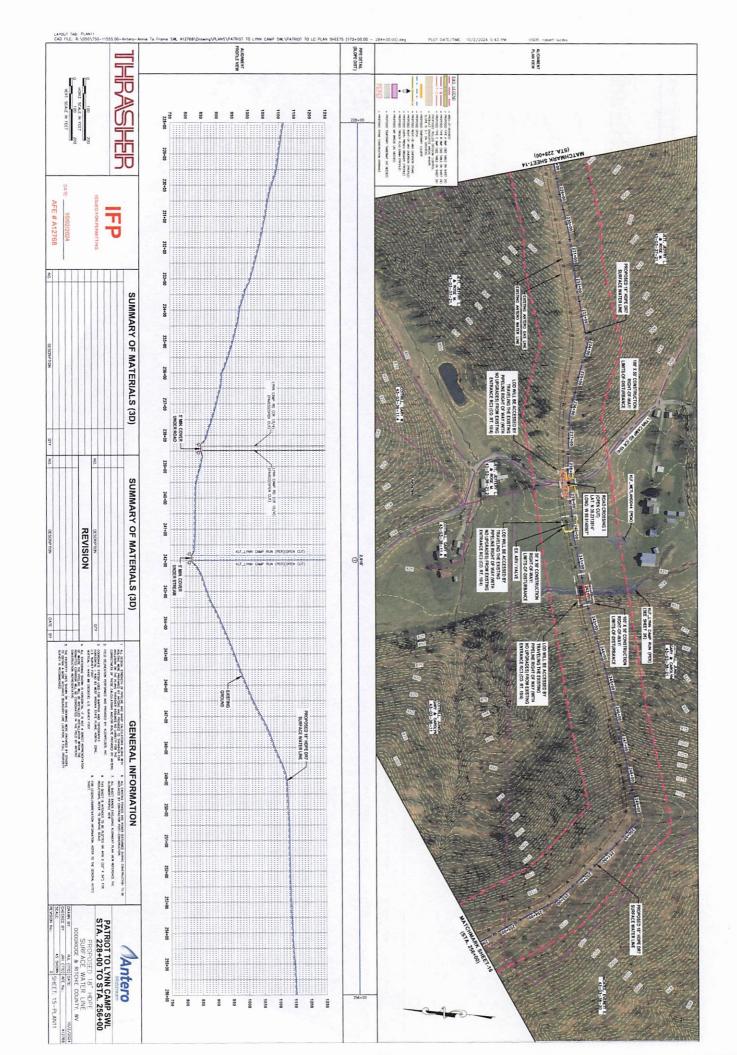


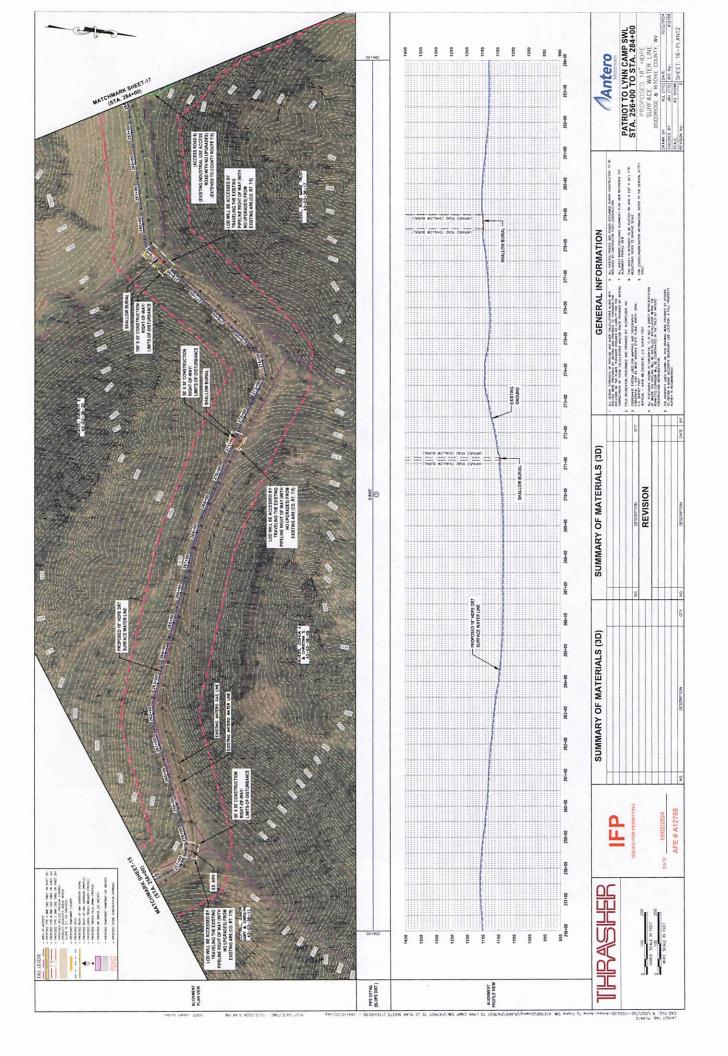


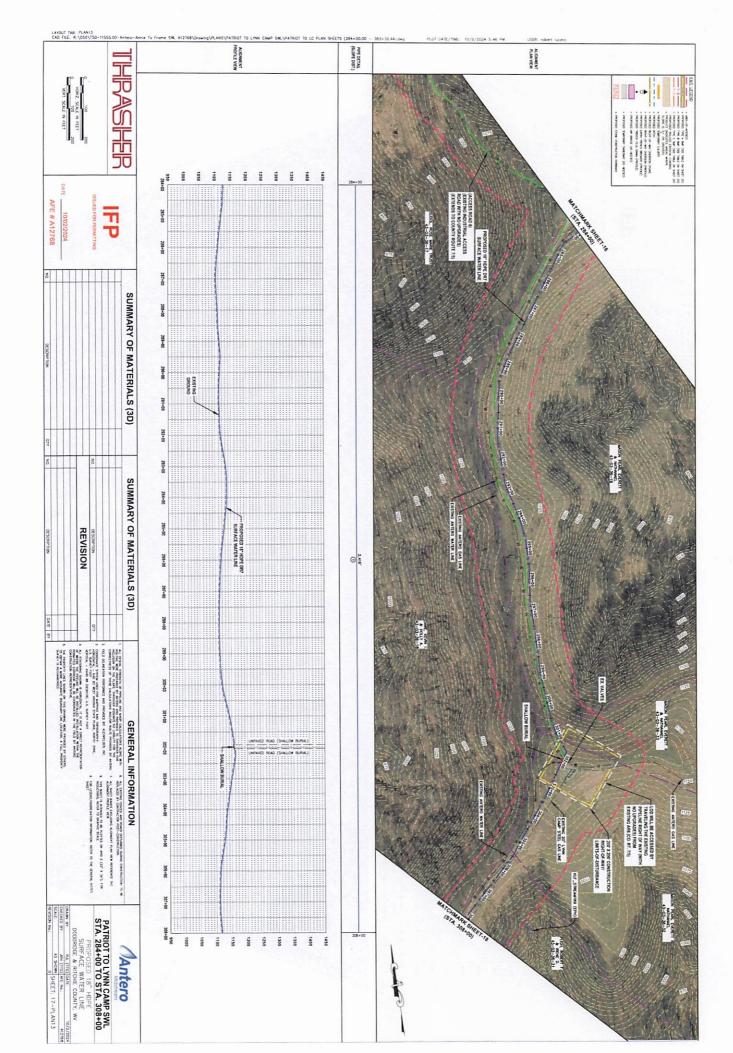


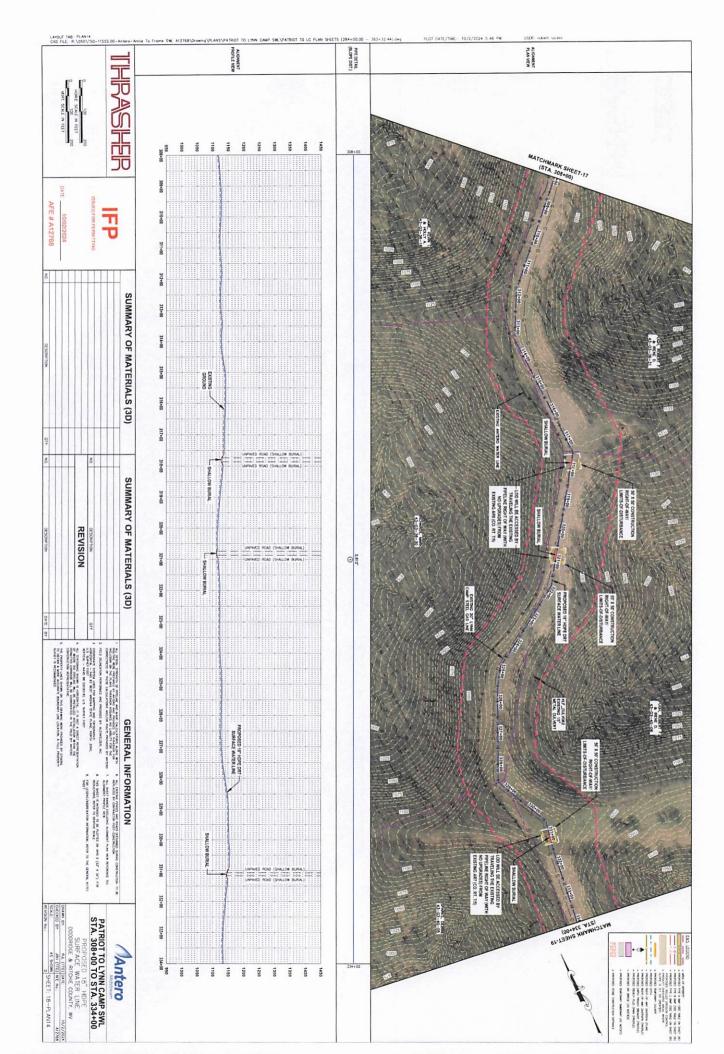


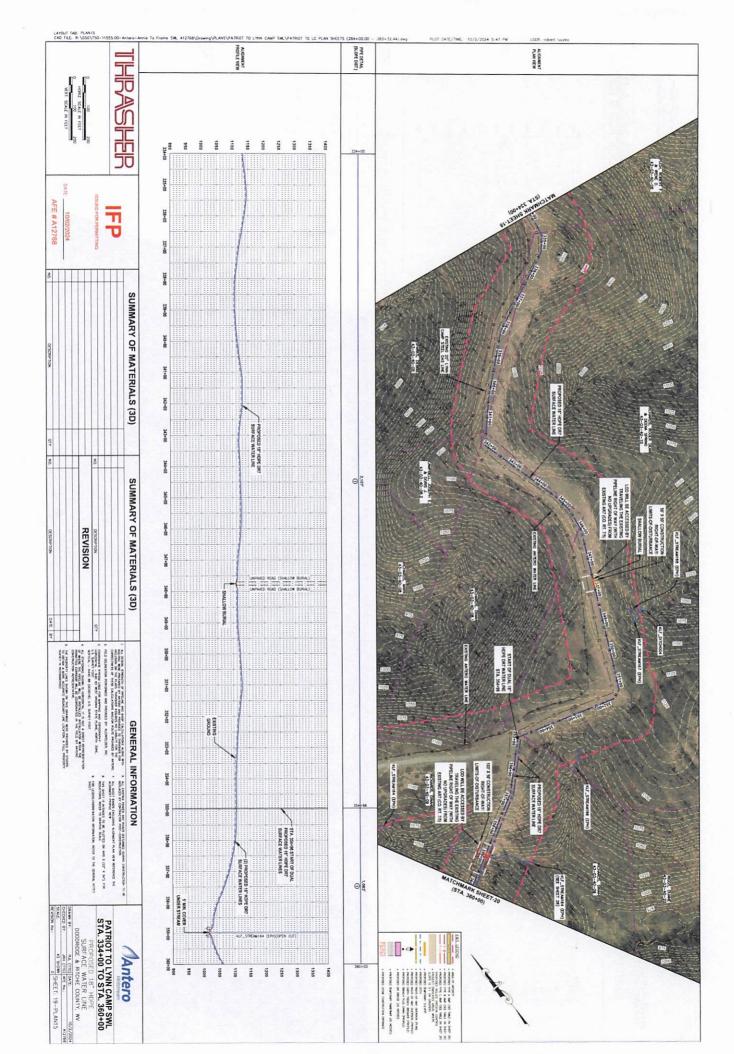


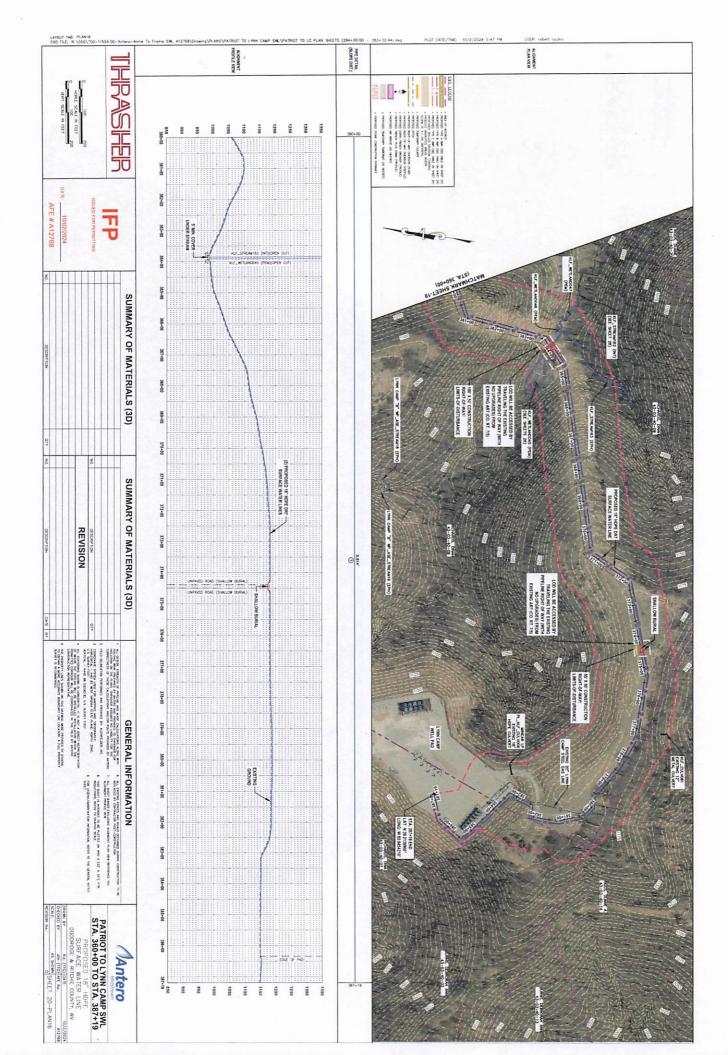


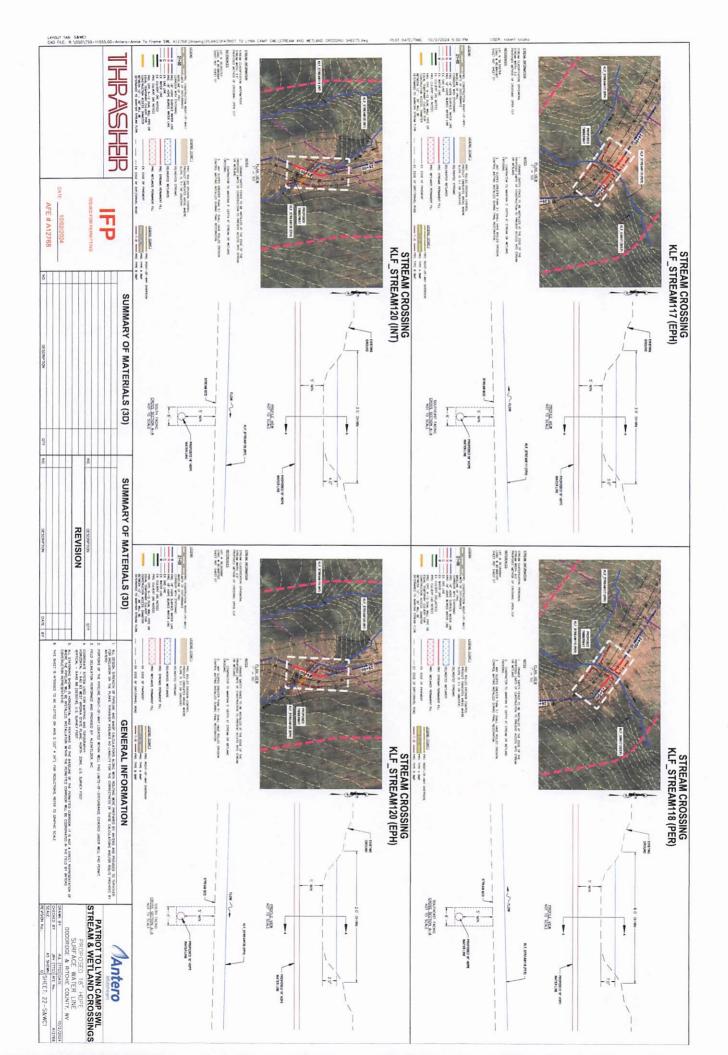


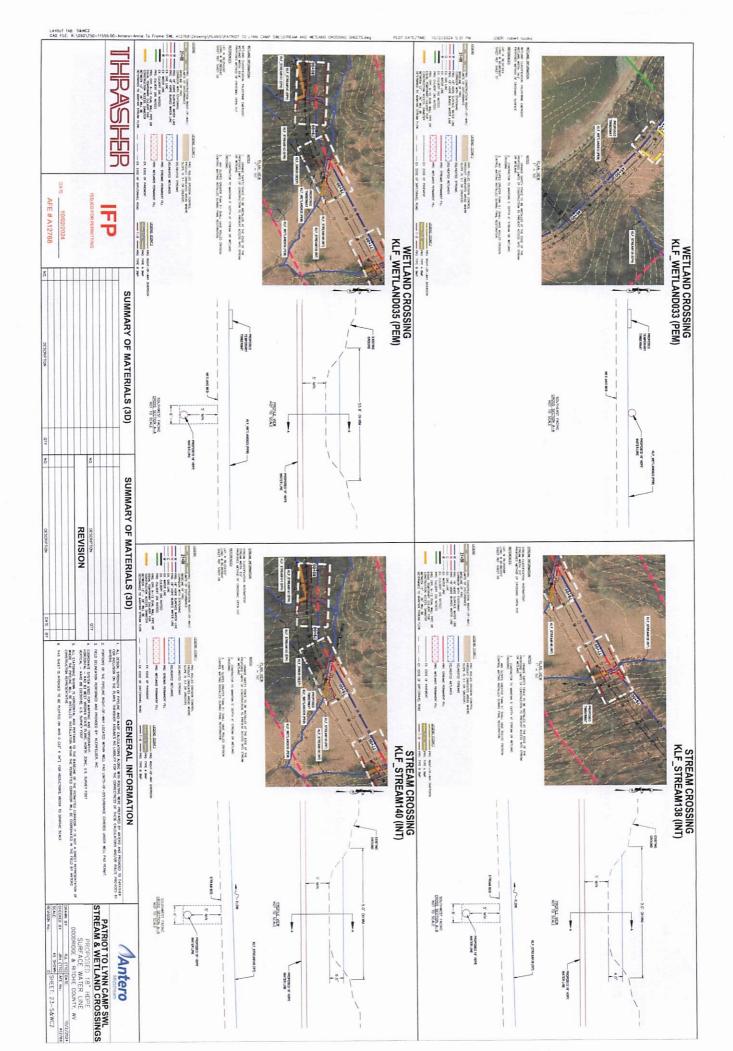


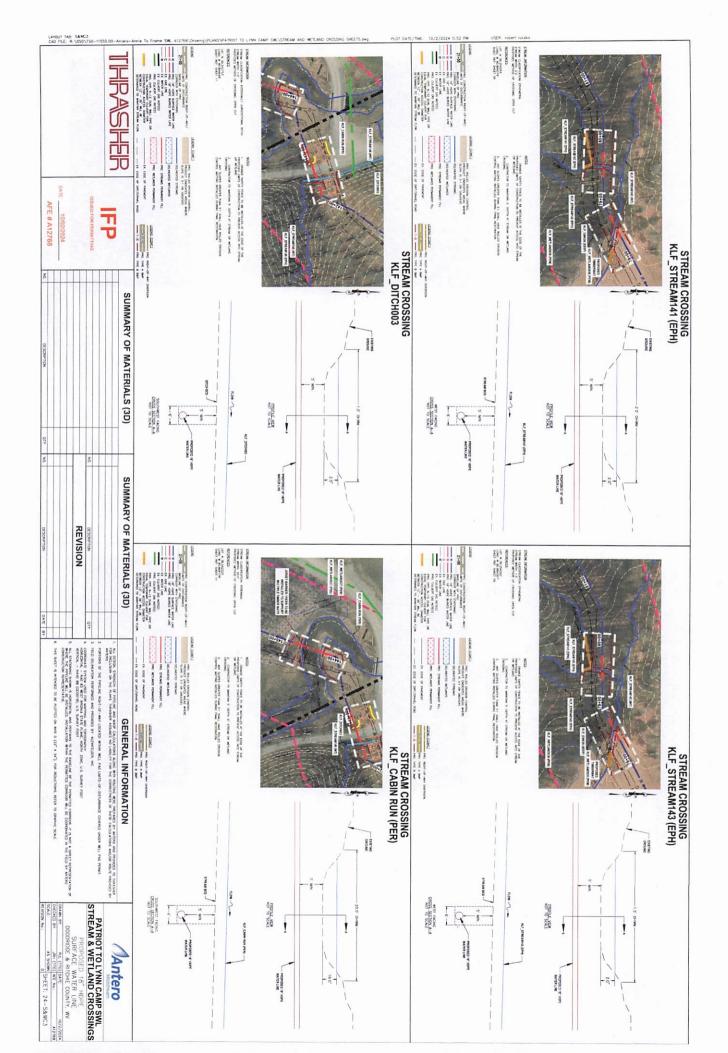


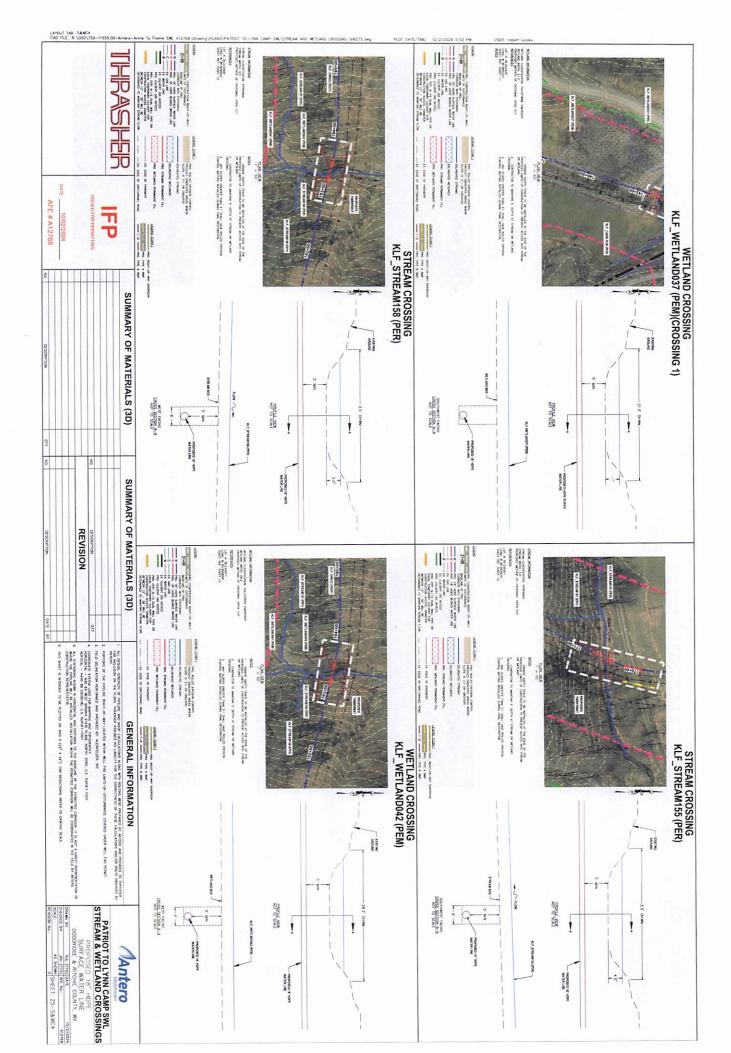


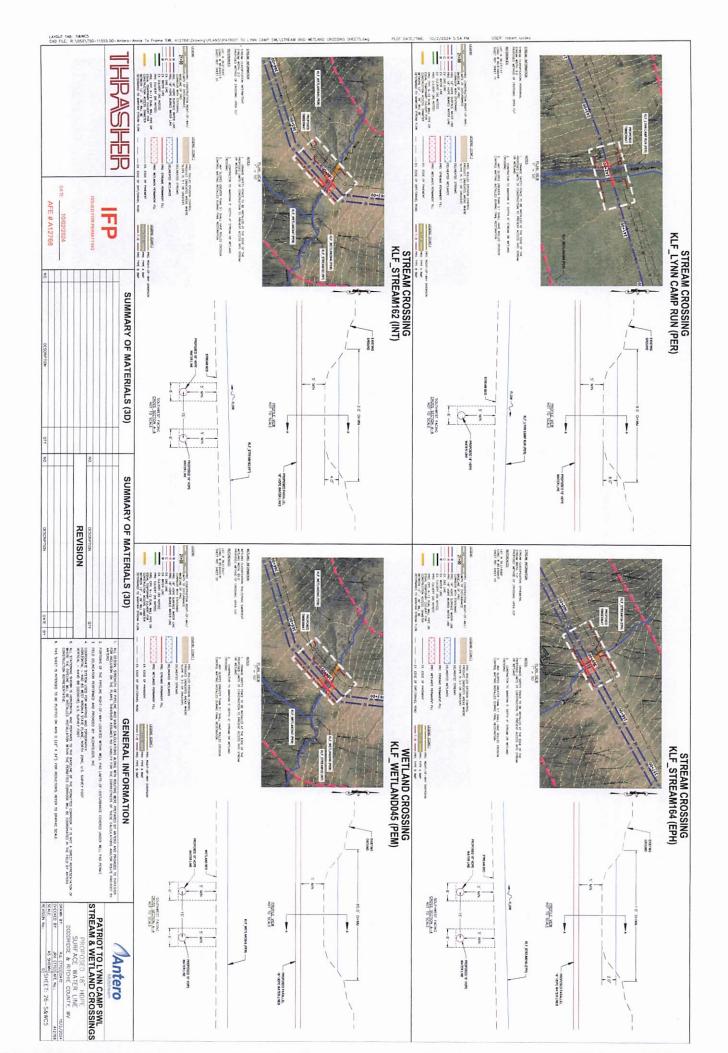


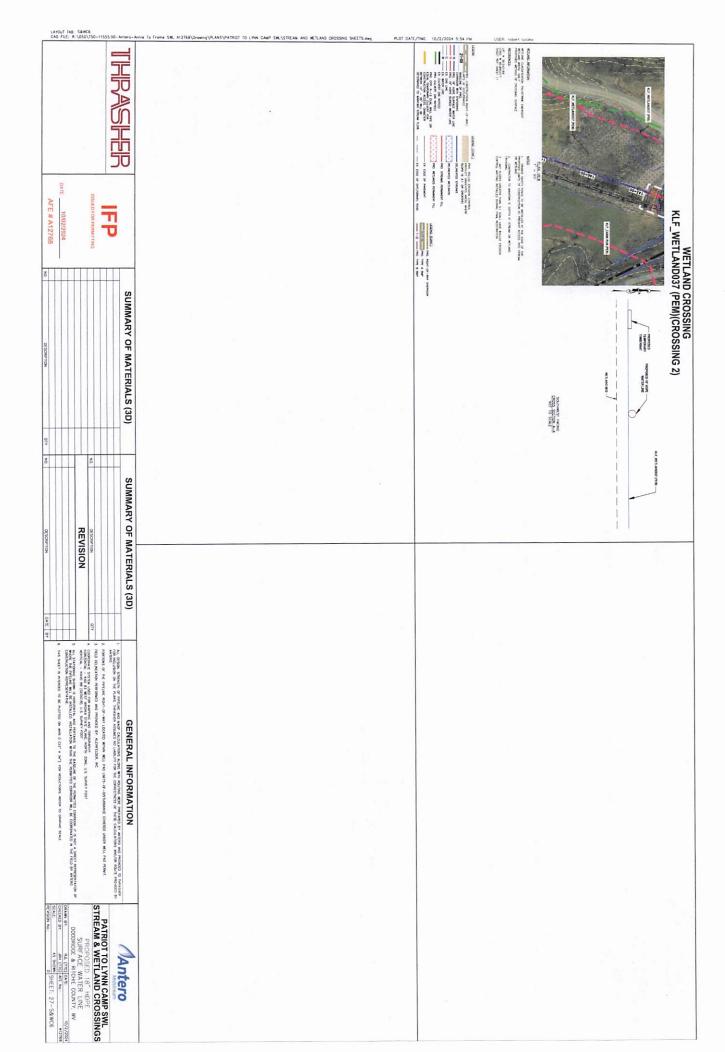












ANY DESCRIPTIONS OF SHEET HE CONTRACTOR WENGETHE DEMANDS AND SE CHARDON AND SE COMMENDED OR ANY PROPOSITIONES OR ANSIDERES IN DEMANDS OR RECEIVED AND SEALUE IN MERCENTY REPORTED TO THE MANGE, IN PROPINCIA MYOR OR SELE PROPINCIA DESCRIPTIONS PROBLEMS AND COMMENT HE CONTRACTOR AFTER HE DISCOVERY OF SUCH DISCOVERANCES, RECONSISTIONES OR AMBIGUITES SHALL BE COME AFTER CONTRACTORS ROSS. WORK SHALL CONFORM TO THE FOLLOWING SPECIFICATIONS DETAILS AND TYPICALS AN PROJECT MANAGEMENT OR DESIGNATED PROJECT REPRESENTATIVE.

GENERAL NOTES

* MITCHO WILL DISTAIN AN
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THE COMPACTOR IN REPORME. FOR LOCATION, ALL PRILIC CONSIGNATE LITTLES SWICKLER FOR ADJACTOR TO THE CONSTRUCTION SET. THE CONTRACTORS SHALL BY HER PORMED, THE REPORT ALL THE REPORT OF AN ELECTRICAL DESTRUCTION FOR THE CONTRACTOR SHALL BY ALL PRIST VACIONS FOR THE CONTRACTOR SHALL BY A RESPONDING THE CONTRACTOR SHALL DATA WAS TAKEN FOR THE CONTRACTOR SHALL DATA WAS

IF SPIRACE OR SEPS AND OR AN ACCUMULATION OF GROUND WATER IS DISSERVED ON A SIDE OUT OR OUT SLOPE FIVE TRENCH, INVEDIGIELY IN DRW THE ON-SITE INSPECTION FOR AN EVALUATION AND CONSIDERATION OF THE INSTALLATION OF A DOWNAGE SYSTEM. AL MATERIALS USED FORFILL OR BACK FILL SHILL BE FREE OF WOOD, ROOTS, ROCKS, BOULDERS, DRIGANC MATERIAL, OR ANY DTHER NON-COMPACTABLE SOIL TIME MATERIALS. UNSATISFACTORY MATERIALS AND ROUNCE BACK FILL SHILL BE HERE OF WOOD, ROOTS, ROCKS BOULDERS, DRIGANC MATERIAL, OR ANY OTHER NON-COMPACTABLE SOIL TIME MATERIALS. DICTION MICK-OFF MEETING. SHALL BE HELD PRIOR TO THE START OF CON-

INTROL BLANKETS ARE REQUIRED FOR SLOPES OF 3:1 OR GREATER.

HTOROM, CHIBORIZ DIBIR MATRA DANB UTILIZIDAS A SUBSTIUTE TO DROSON CONTRICI, ILAMAZ SI WHIH APRIDAM, FROM MITBO, DIZEPI FOR ON ESCINBUD DIREM MANAS AD ORODI DANAS. HTOROMA, CHIBORIZI DIBIR MATRA) SHALL DALY IBI A VALID SUBSTITUTE FOR BUDSON CONTRICI, ILAMAS ES DUBRIO GRANIS GROWNES I SIANDIRS.

HTOROSTATIC PRESSURE TEST, WATER FROM ANTERO APPROVED SOURCES ONLY TO BE USED FOR HYDROTEST, NO DEWATERING IS PERMITTED WITHOUT PRIOR ANTERO APPRICIVAL AND APPLICALLE PERMITS. NOTIFICATION REQUIRED TO ANTERO ENVIRONMENTAL PRIOR TO HYDROTEST

ROSION AND SEDIMENT CONTROL PLAN NARRATIVE/CONSTRUCTION SEQUENCES

DALY LOADS (REV), WATERSOOS MAY SUBSTITUTE SILT FENCE AND COM-PLAN (EASE) ANEA TO BE UTILIZED BY THE CONSTRUCTION CONTRACTOR HOMEVER, THEY MAY BE ACCEPTABLE TO USE AS A VELOCITY DISSIPATED. RACTION ACTIVITIES CONSIST OF COMPOST PACTER SOCK, SELFENCE, RIGHT OF WAY

SPOTE FACE AND ALCOHOLOGY WAY OTHER AMPROPED BANK AREAS SOCKES IN THE RIGHT

RACCORDING TO THE PROYUGED PLAN STRAWHAY BACES WALL NOT BE USED AS AN EAS

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YION TO IS CIMANO LAND DISTURING ACTIVITIES. CLEMEN MADEMED LANTS, SENSITIVE AND AS AND TREES THAT ARE TO BE FRISTENSD WITHIN THE CONSTRUCTION AREA, THESE SHALL BE CLEMEN MARKED, BOTH IN THE FIELD AND ON THE PLANS, TO PREVENT DAMASE AND OFFSTE MANCES.

ROW DYFISIONS AND IN OTHER PROSION AND SEDMENT CONTROL DENCES WILL SE INSTALLED AS DEFICITE ON THE PLAN SHEETS AND SPECIFIED IN THE DETAIL SHEET'S IN CLEARING AND DRUSSING STREQUENCE SELECTION REGARDING THE MANAGEMENT AND DISTORAL OF DESIGN. NSTALL TEMPORARY ELS CONTROLS (SELFENCE, ROW INVERSIONS, ETS) PRIOR TO ANY EARTH DISTURBING ACTIVITY, WHICH INCLUDES GRUBBING AND EXCAVATION, TO EASINGLE IN SANDAM LETENT PRACTICABLE, THAT MINIMAL ENDROW ON SECURITATION OCCUPES.

THE MACEST ON AND ADER PERSONNELLE IN VIEW AND EXPENDICULAR CORRAM, CLAMPA AND EXPENSE OF THE THE REPORT MACHINE AND THE ORDER AND THE CORRESPONDED TO THE THE THE CORRESPONDED THE CORRESPONDED TO THE CORRESPONDED TO THE CORRESPONDED TO THE CORRESPONDED THE CORRESPONDED TO THE CORRESPONDED THE CORRESPONDED TO THE CORRESPONDED THE

EXCAVATE PRICIAE TRENCH AMPRICIA COVER AS SIN WE'T ANDS, STREAUS AND ROADWAYS. MOD DIADMONTH HE ROW WILL BE CONCIDED WHER SECSIONED TO PROVIDE METERS SERVED FOR SAFE AND EFFORM OFFICIALDING SECONTRINCTION.
IDJURINEL DOWNED WILL BE HE MEMORIANDEN HE SESSIONET AND BEIN METERS HE REAL DEFORM THE STUMM, AND LANGE HOME AND BOLICURE WILL
EDRIFFE HELDORD FOR EAPETY CONCERNS OR LAND APPLED AS PERLANDENCES STRUKTUROS.

SEGREATION OF TOPICH, AND SUBDIX, WILL BE PERFORMED WHERE TRINCH EXCHANGES FACE IN AN ADPOLITURA, WETLAND, OR RESIDENTIA, AREA, IT IS REST IMMODISHEN PRINCIPE TO SALVADE AND SEGREGALE (DOSOL WHERE APPLICABLE). THE PROPOSED CONSTRUCTION ROW WILL BE USED AS A WORK AREA FOR TRENCH EXCAVATION, EQUIPMENT MOREMENT AND THE STORME OF SOIL STOCKYLES AN NEEDED EQUIPMENT SOIL STOCKYLES, AND OTHER MATERIALS AREA TO REMAIN MESS, DIFF, OF BIAS DURING CONSTRUCTION ACTIVITIES.

RETAKO DOSMO MOTO E DOTTO POSSMOM MALBI APPETO A MAMMA MAD WILL BETABLIZO DE PLANOS TRADE MATE, RESAKO DE RELABICATO SAMO MATILA SA SAMO POR SET MA, METELA MLA METELA METO TOTRALES ACCESS RACOS B. METLAKO ACEA MALBE REMOTO FROM HE METLAND LOTO COMPLETOS OF THE PRELIME CONSTRUCTION A RAMMERI (DEDECH FAMES) SHOLD BUYED TO PREMEIT MARKO OF SOLS. STREM MAD BARR REFLIRE CONSMIC CONSTRUCTION REFLICON WILL BE ROPALLED AT DOCUMENTS SHAWN ON THE KAS HAS BEETS AND AS SECENTED ON THE DETAL SHEETS MATURIOUSE WILL BE CHOSSED BRIT TREVORT BRIDGES, SOCIANT THEIRS THAT PROPACTION, AND SHEETS AND TO CHOSSED. FROM TO CROSSING THE CONFERENCE, STREAMING STREAUXION MILL BE THE ORNEO MARCHET FOLLOWING COMPETION OF THE PIPELSE METALLICON.

MATERIA DIRECTOR METAL DESCRIPTION DE CONTROLLE DE CONTRO

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IN THE UNLUSED FURTH THAT THERE ARE EXCESS EXCAVATED MATERIA'S REMAINED ATTER THE THENOTIANS RETURNOUS CONTINUES TO GRANE POSTING EMPANATE FOR STORMARTER AND EXCESTED CONTINUES TO GRANE POSTING EMPANATE FOR STORMARTER AND EXCESTED.

CLEARED THOROUGHET BY THE END OF EACH DAY, SECURINT SHALL BEREIGHED FROM ROADS BY SHOWETHILLY THADDED DNTD THE HOAD. THE HOAD SHALL BE ISLANED THOROUGHET BY THE END OF HE HOAD. THE HOAD SHALL BE ISLANED THOROUGH AND SHOULP SWEEPING.

THRAISING

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SUMMARY OF MATERIALS (3D)

AL MASTE MARIEM MALI RI THAMPONITO DI PIETE DOI RICCIANO ANDOI DEDCUA, MORET EXAMI, I, CONSTITUCION MASTE MATEMA, SMIL, IRI RICCIALDI ON MALIER HAN DI ON AMPROVIDI DI PIETE DOI RICCIA, AN ENTED PRODUCIAL, PLORESSE, MATEMA, E ANY MEL MERINAD, AND REFERENTIO MENO, HE AUTH OFFASTE DICI, ANDOI RICCIANO SETE MOST RE COPRATIO LACIERA CURBENT NATIONA, POLILITANT DICIONACE EMPARTEMENTO SETTEM PROSEDI FERMAT.

APPLICABLE STABILIZATION PRACTICES INCLIDE. BUT ARE NOT LIMITED TO, TEMPORARY AND PERMANENT SEEDING, SODDING, MJLCHING, ENDSIG CONTRIG. FARRICS AND MATTING, THE EARLY APPLICATION OF GRAVEL BASE ON AREAS TO BE PAVED, AND DUST CONTRIOL.

SOL STOCKPILES MUST BE TEMPORARLY STABILIZED. SELECTED SOIL STABLIZATION MEASURES SHALL BE APPROPRIATE FOR THE TIME OF YEAR SITE CONDITIONS, AND ESTIMATED DURATION OF USE

SLOY BUR BERMEL BOY MANTHANCE THES, LACOPARE DESTINANCES PLOCIDES THES ACCIAN FOLLOW FOR CONSTRUCTION WHEN IN SUCH BURCHES ACCIAN FOLLOW FOR CONSTRUCTION WHEN IN CONSTRUCTION WHEN OF THE SHOULD AND THE GLOVED HAVE THE PROPERTY AND THE SHOULD FOR MAJE THE PROPERTY AND THE SHOULD FOR MAJE THE CONSTRUCTION WHEN OF THE MANTHE BURCHES AND THE SHOULD FOLLOW FOR THE MATTER ACT HE STEEL THANKS FOR THE STEEL THE SHOULD FOLLOW FOR THE STEEL THANKS FOR THE

E STREMA MORDA WELLAND DICESSMES ANE RECURRED. HEY MAL BE REFERENCED AND ALBEM, CHOSENDOS, MEMORIA REPORTED MACE BESTUTION DICESSOE THE MEMORIA CHUSTOF ELON HELLAND AND THE YMAN, BE REFERENCED STREMA WERE STREMA AND DO HER THE DICESSMOS MAY REQUERE THE SUMPACE WHETE PPER INFEST TO BE MISTALLED SUBSIMPACE AND WOLLD FOLLOW THE ADDRETHETHER DET CHINETIA

LANCOMERTSTEALINDS MAY REQUEEL MECHELEEN POPTIONS OF THE WATER PRELINE TO BE BURBLE IF ONE-HALF IT IS JACRE ON MORE OF DETLIBRANCE TO A CONTRAUCUS FORTION IS REQUIRED TO BE BURBLD. A FORMAL MODIFICATION WILL BE SUBMITTED TO MY DEPARTMENT ON ENVIRONMENTAL PROTECTION

PIPELINE BMP'S INSTALLATION AND REMOVAL SEQUENCE TEMPORARY AND PERMANENT BMP'S WILL BE USED DURING CONSTRUCTION ACT.

TENTOUNT ERDEN AND SEDMENT CONTRE, BUTY SHOULD BE REMOVED FOLLOWING CONFERMATION THAT TO TREATED TRESHMAN, YOU LATING COMPAGES SET MUSINGED THAT CONTRES SEDMENT SHALL BE REMOVED ON STABLIZED ON SITE DISTURBED BUT, RESULTING FROM HEMOVIN, OF BUTY NCCHANOL SHALL BE CANADATED.

WENEVER HISPECTION AND DRINONTO GING REVEALS THAT THE BUPY DENTIFIED IN THE EASOP ARE INDICOLATE. THE EASOP SMALL BE ADJUSTED TO MAXIMZE EFFECTIVE HE'SS. AS APPROPRIATE, IN A TIMELY MANNER.

COLLOWING IS A GENERAL BMP INSTALLATION SEQUENCE FOR PIPELINE CON

A STABILIZED CONSTRUCTION ENTRANCE SHALL BE PRI DHECTLY FROM A DISTURBED WIEA

TRENCH BREMERS WILL BE INSTALLED IN SLOPING AREAS GREATER THAN FIVE PERCENT AND ON SLOPES ADJACENT TO STREAMS, WETLANDS, AND ROACS CHOSSINGS TO PREVENT SLIBLUE ACE ERIOSON TRENCH DIREAGERS WILL BE INSTALLED IN ACCORDANCE WITH THE SPACING REQUIREMENTS.

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APRICHEATELY SIZED FENONG WILL BE PLACED AROUND WETLANDS AND WATERBOOKS AD JACSYT TO THE WORK AREA PRIOR TO ANY THENDING ACTIVITIES

STOCKPILES WILL NOT EXCEED 35 FEET IN HEIGHT

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INVEDATELY FOLLOWING BADRILLING, ALL DISTURBED AREAS WILL BE GRADED IN PREPARATION FOR SEEDING AND AULICIENG. THE CONSTRUCTION SITE SHOULD BE STABLUZED AS SOON AS POSSBILLE AFTER COMPLETION, SALLOW.

TEMPORARY STOCKPILES NEED BMP4 SUCH AS SET FENCE / SOCK OR EN

SUMMARY OF MATERIALS (3D)

REVISION

MAINTENANCE SCHEDULE

SERVICTION DE ALL DECENTA AND ELEMENTATION CONTROL RELL. BELLE DECENTANT PROPRETATION CONTROL RELLEGION CONTROL RELLEGIO

SEDIMENT MUST BE REMOVED WHERE ACCUMULATION REACHES ONE HALF THE ABOVE GROUND HEIGHT OF A BMP (ALL TYPES)

EMANCE SHALL BE MADE

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THAPPED SEDMENT SHALL BE REMOVED OR STREETED ON SITE. DISTURBED SON, RESULTING FROM REMOVAL OF BURY OR VEGETATION SHALL BE STABLIZED.

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GENERAL INFORMATION

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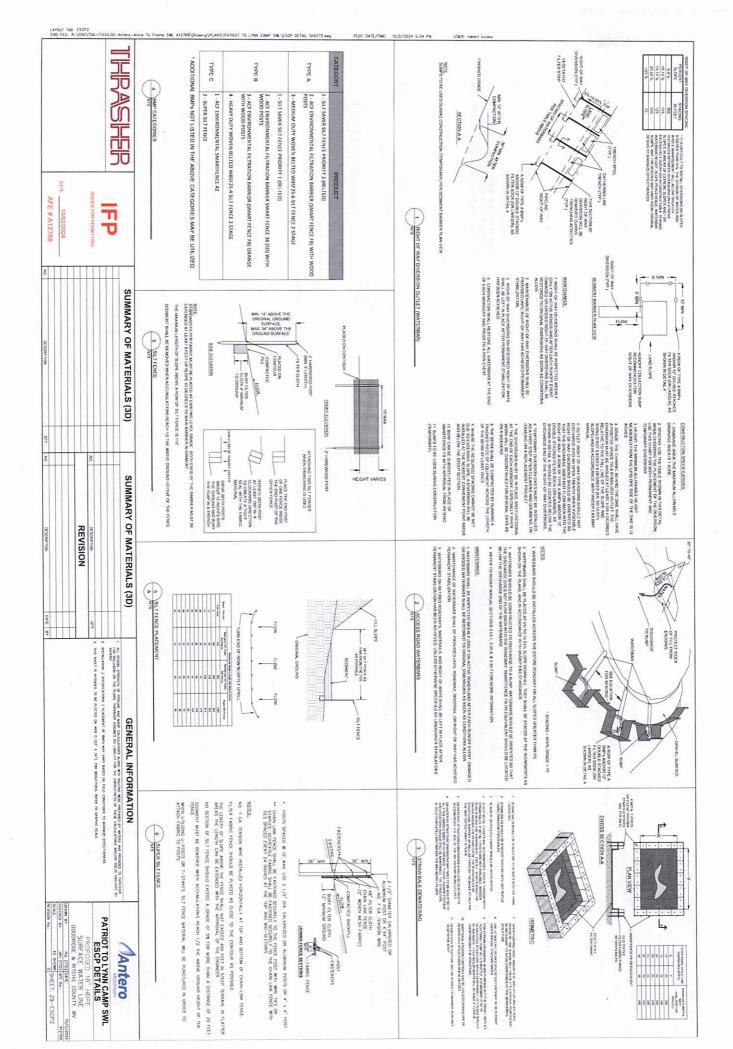
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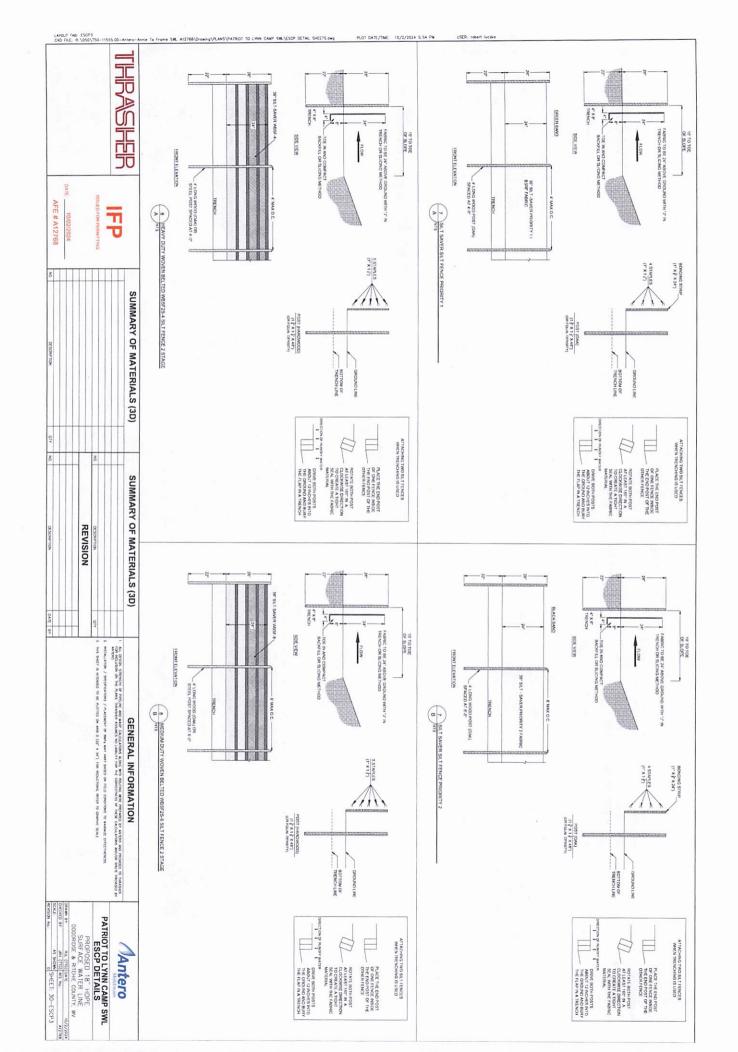
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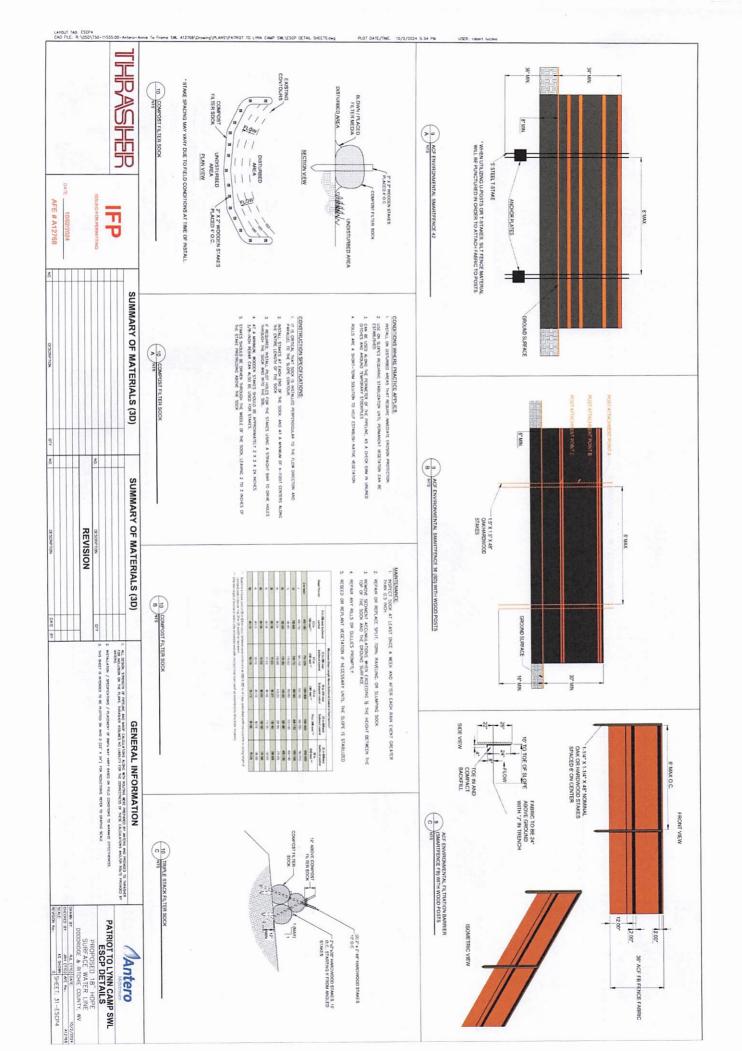
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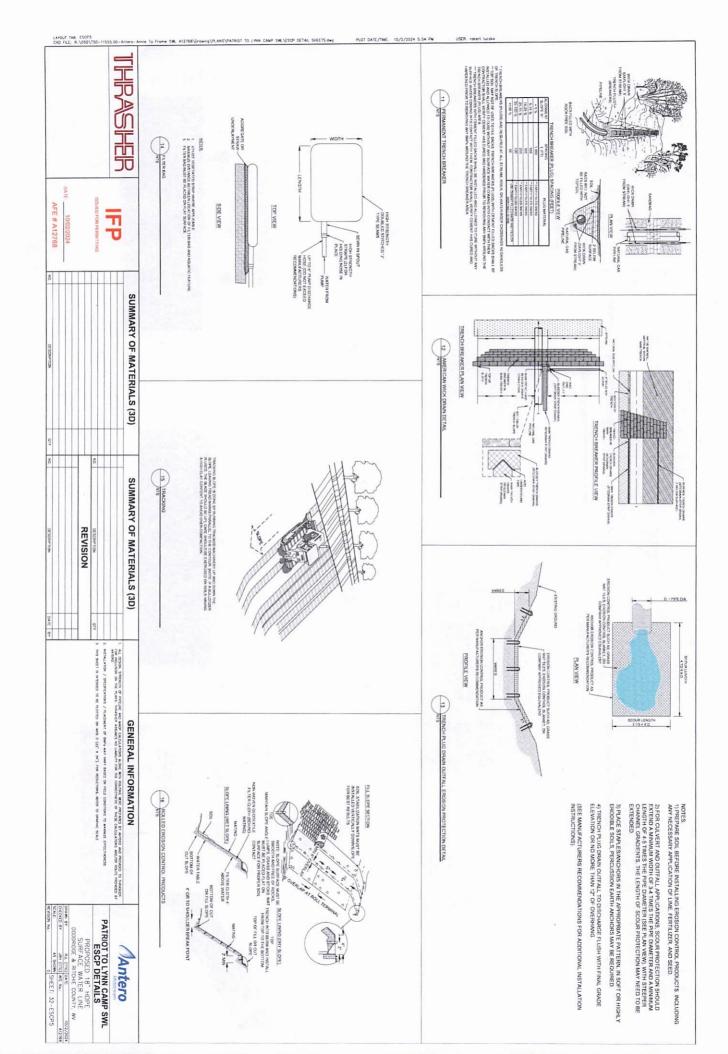
PROPOSED 18" HDPE SURFACE WATER LINE DODDRIDGE & RITCHE COUNTY, WV

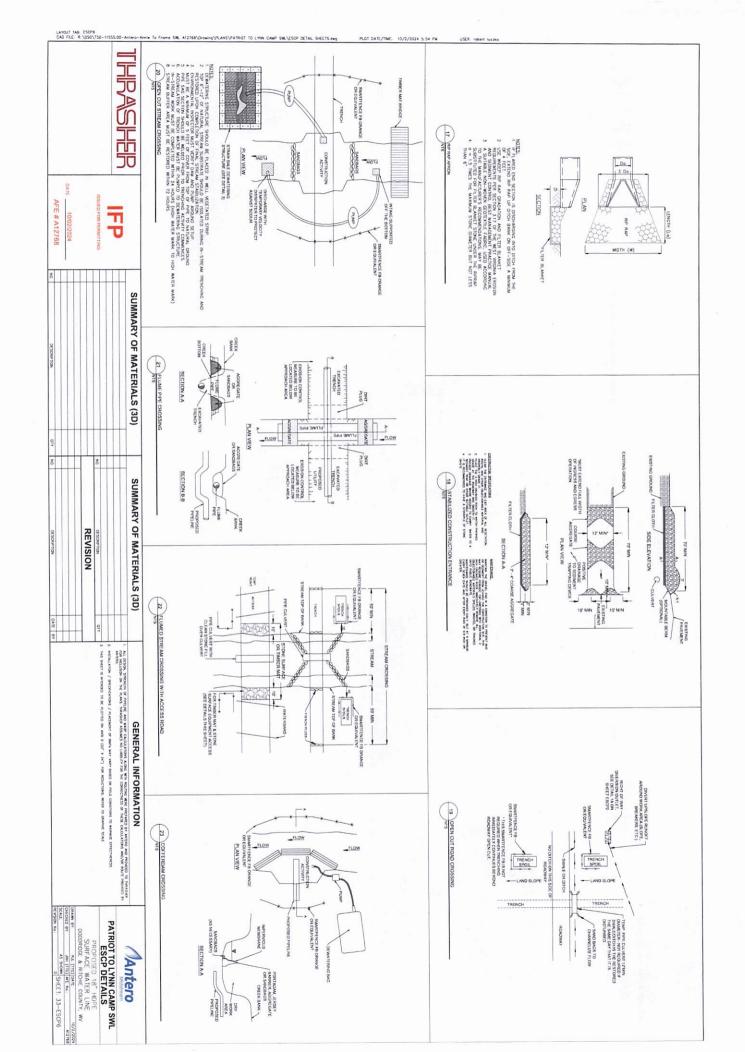
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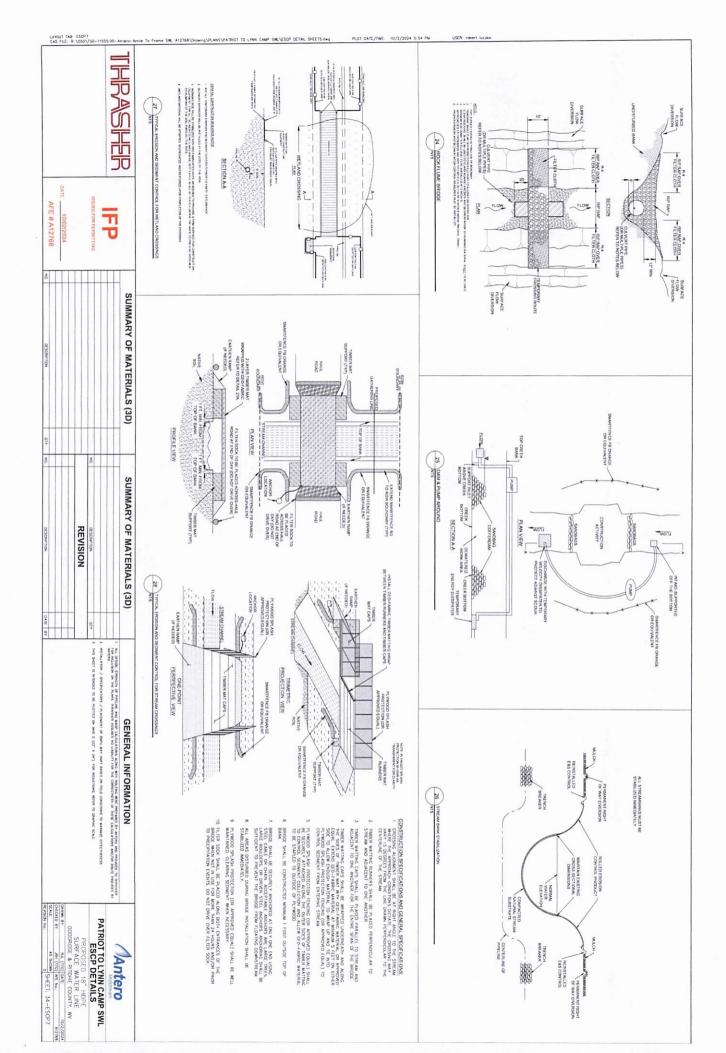


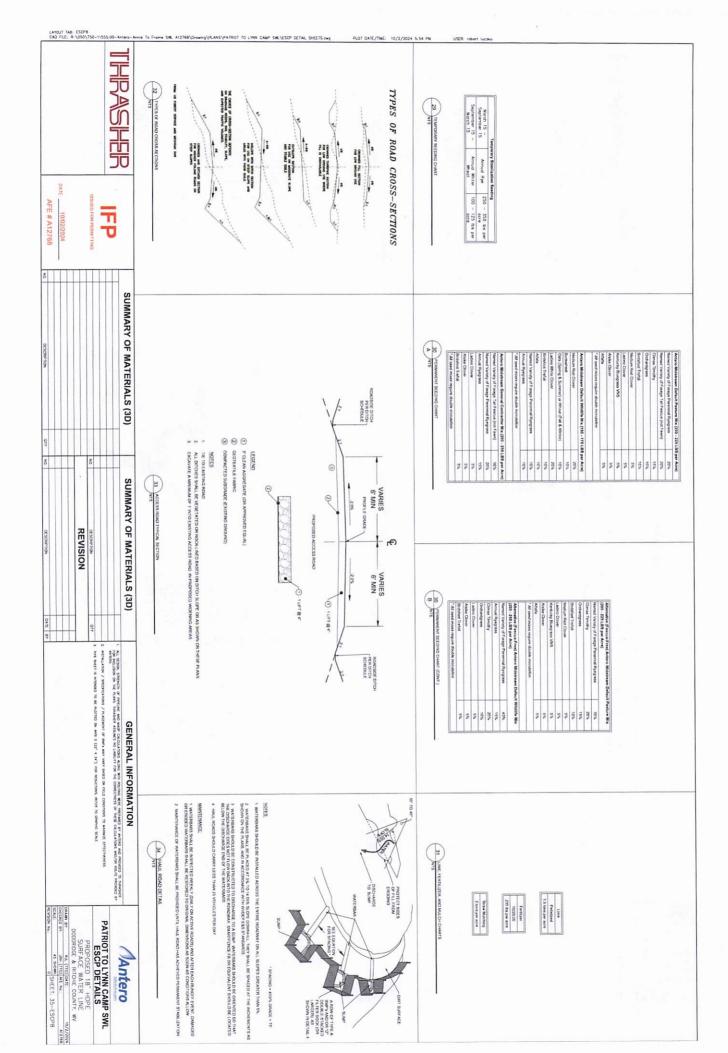


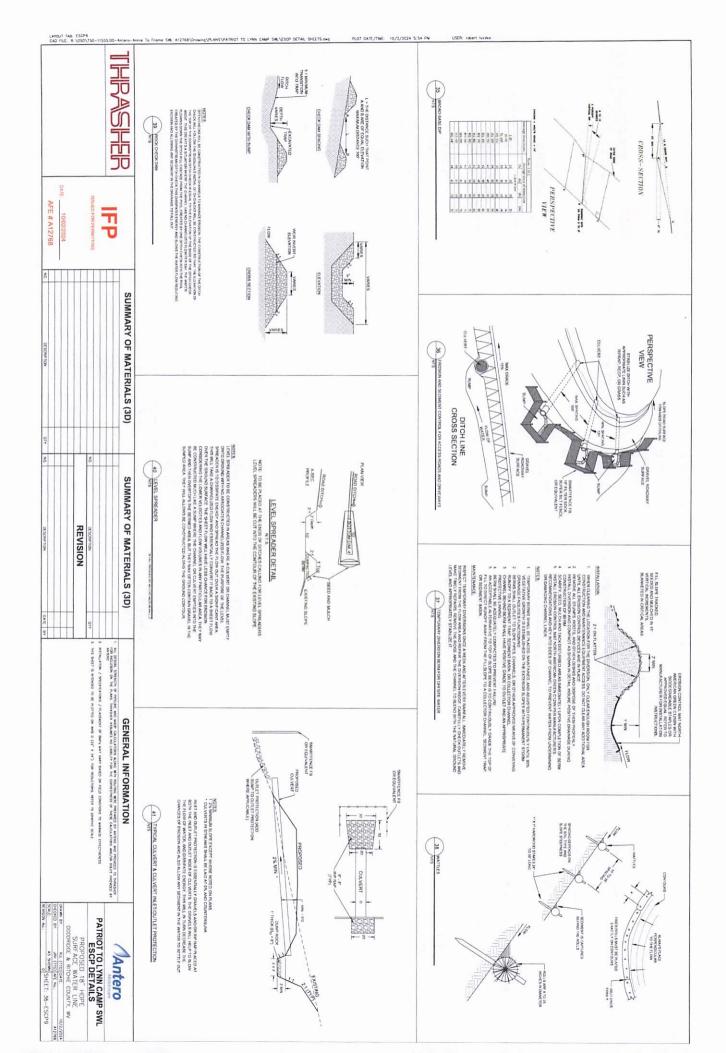


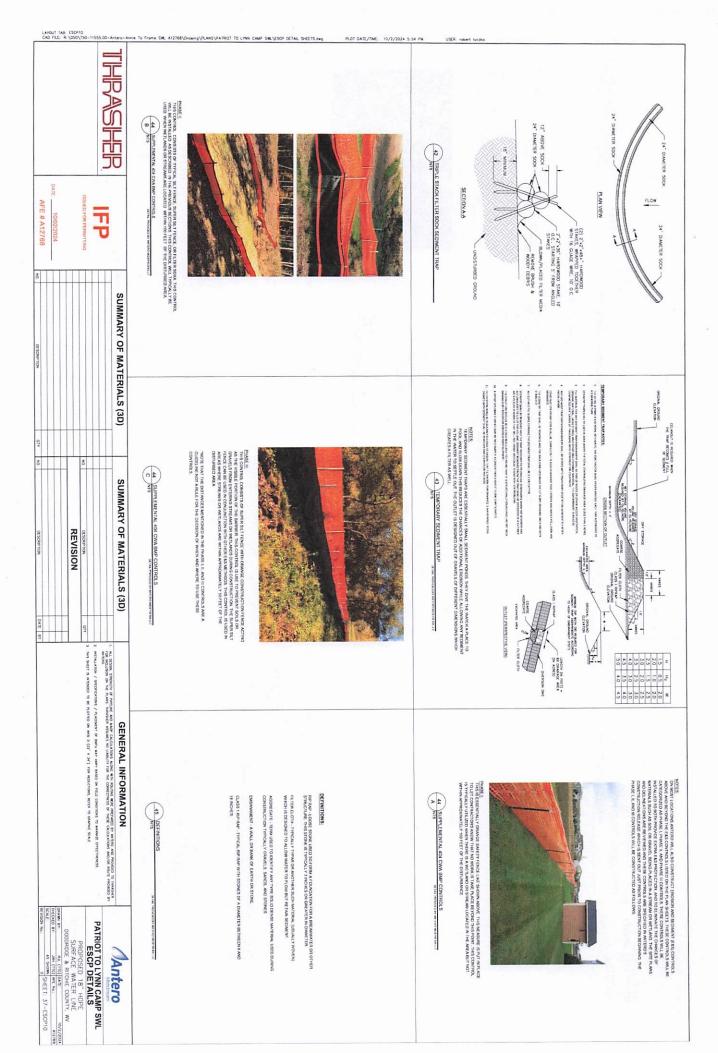


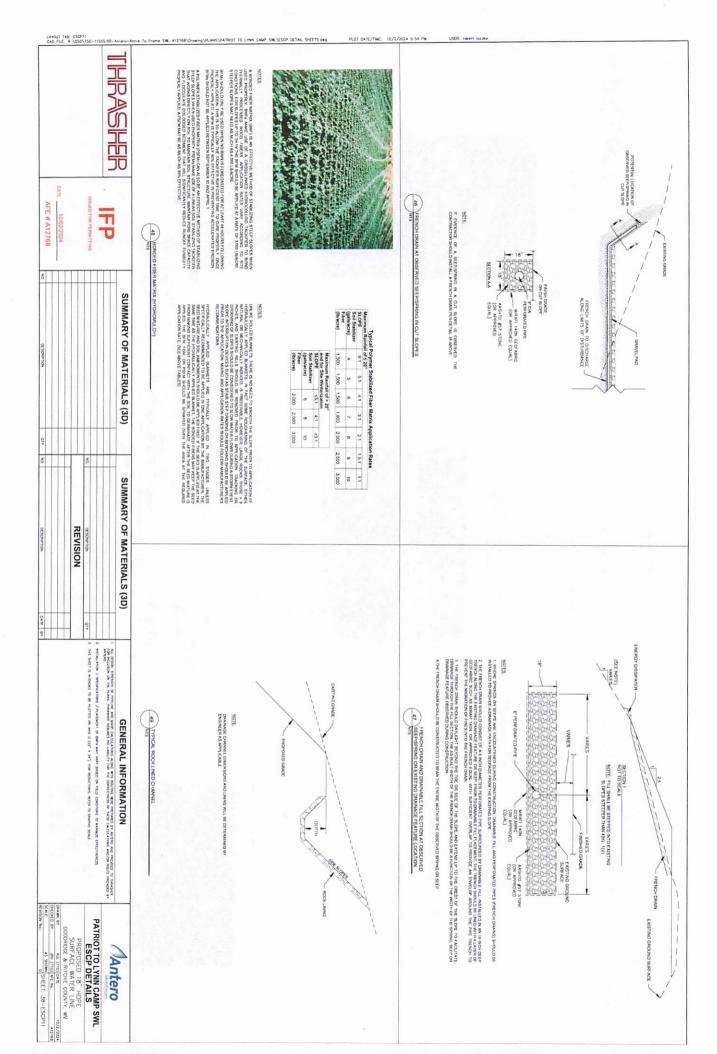




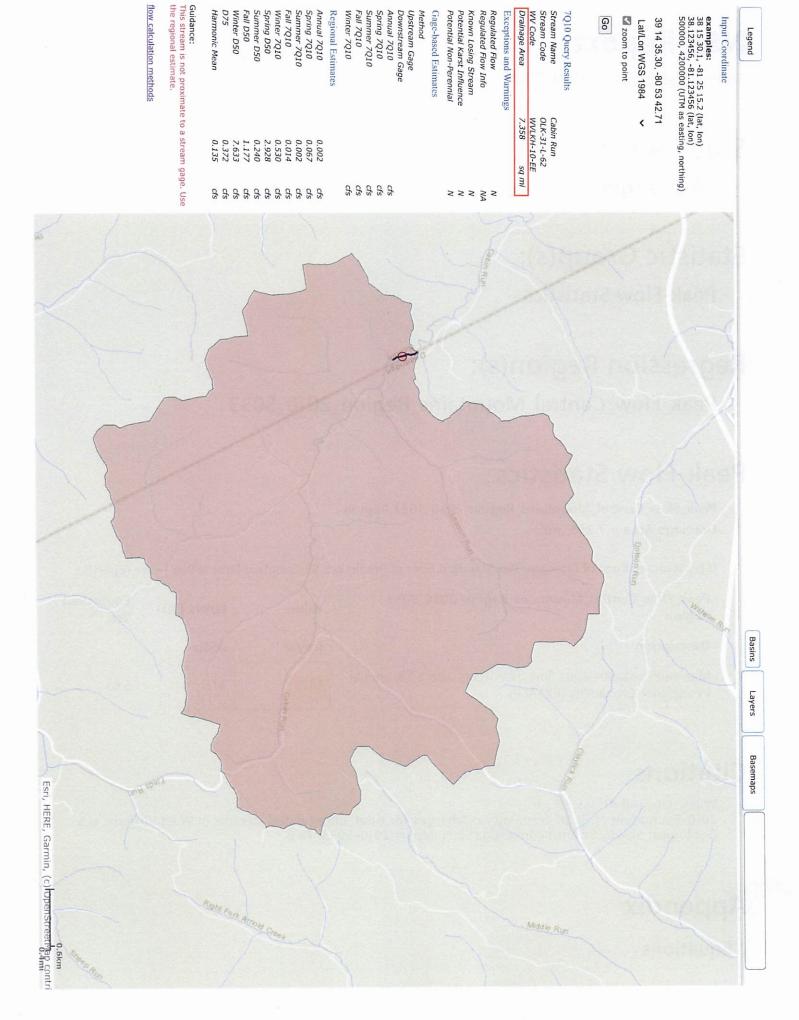








APPENDIX C NATIONAL STREAMFLOW STATISTICS (NSS) CABIN RUN RITCHIE COUNTY, WV



NSS Report

September 24, 2024 03:47PM

Study Area:

West Virginia

Statistic Group(s):

Peak-Flow Statistics

Regression Region(s):

Peak_Flow_Central_Mountains_Region_2010_5033

Peak-Flow Statistics

Peak_Flow_Central_Mountains_Region_2010_5033 Region Drainage Area = 7.358 (mi²)

[SEe, Standard Error of Estimate; SEp, Standard Error of Prediction; SE, Standard Error (other -- see report)]

Peak_Flow_Central_Mountains_Region_2010_5033 Region	Value	Errors (%)	Equivalent Yrs.
Description	(ft ³ /s)	ASEp	
Maximum instantaneous flow that occurs with a 1% annual exceedance probability (PK1AEP)	1470	47.9	5.6

Citations

Wiley, J.B., and Atkins, J.T., Jr., 2010, Estimation of flood-frequency discharges for rural, unregulated streams in West Virginia: U.S. Geological Survey Scientific Investigations Report 2010–5033, 78 p.

Appendix

Equations

Peak_Flow_Central_Mountains_Region_2010_5033

PK1AEP =

 $297 \cdot DRNAREA^{0.800}$

Explanatory Variable Definitions

NameAbbrevDescriptionDrainage AreaDRNAREAArea that drains to a point on a stream

Unit Types

Abbrev Unit
(mi²) square miles

APPENDIX D HEC-RAS FLOW COMPARISON – EXCEL SHEET CABIN RUN RITCHIE COUNTY, WV

HEC-RAS	River : Cabin Run Profile: PF 1							
Reach	River Sta	Profile	Plan	Q Total	Min Ch El	W.S. Elev		
				(cfs)	(ft)	(ft)		
Reach 1	430	PF 1	Prop 100 yr	1470	793.97	799.57		
Reach 1	430	PF 1	Ex 100 yr	1470	793.97	799.57		
Reach 1	368	PF1	Prop 100 yr	1470	793.97	799.53		
Reach 1	368	PF1	Ex 100 yr	1470	793.97	799.53		
Reach 1	276	PF 1	Prop 100 yr	1470	793.97	799.43		
Reach 1	276	PF 1	Ex 100 yr	1470	793.97	799.43		
Reach 1	275			Bridge				
Reach 1	222	PF 1	Prop 100 yr	1470	793.97	799.33		
Reach 1	222	PF 1	Ex 100 yr	1470	793.97	799.33		
Reach 1	113	PF 1	Prop 100 yr	1470	797.25	799.15		
Reach 1	113	PF1	Ex 100 yr	1470	797.25	799.15		
Reach 1	41	PF1	Prop 100 yr	1470	793.97	798.85		
Reach 1	41	PF1	Ex 100 yr	1470	793.97	798.85		



ATTACHMENT D PERMITTING & COORDINATION TABLE

Permitting & Coordination Table

Permitting Agency	Permit/Coordination Required	Submitted	Received (Anticipated)	Status	
1104051	NWP 58	10/04/24	(11/18/24)	PCN Required	
USACE ¹	Mitigation Plan	Not Applicable	Not Applicable	Not Required	
USFWS ²	Threatened & Endangered Federal Species (Section 7 Coordination)	Keys were Provi Initiate Section	Official Species List and Determination Keys were Provided for USACE to Initiate Section 7 (SLOPES) with USFWS.		
WVSHPO ³	Section 106 Coordination		ources Literature ovided to Support	Required	
WVSHPO	Phase I & Architectural Survey	USACE's Determi	rvedanea		
WVDNR-OLS4	Stream Activity Applications	10/03/24	(11/02/24)	Pending	
WVDNR-	Threatened & Endangered State Species	09/17/24	09/19/24	Approved	
WRS ⁵	Spawning Waiver	To Be Determined	To Be Determined	To Be Determined	
County	Ritchie County Floodplain Application	To Be Submitted To Be Submitted		To Be Submitted	
Floodplain	Doddridge County Floodplain Application	10/08/24 (11/07/24)		Pending	
	401 WQC Program Notification	10/04/24	10/07/24	Approved	
WVDEP ⁶	NPDES ⁷ Permit	Not Applicable	Not Applicable	Not Required	
	Construction Stormwater General Permit	To Be Submitted	To Be Submitted	To Be Submitted	
MADOH ₈	Utility Permit	To Be Submitted	To Be Submitted	To Be Submitted	

- 1 United States Army Corps of Engineers
- 2 United States Fish and Wildlife Service
- 3 West Virginia Division of Culture and History, State Historic Preservation Office
- 4 West Virginia Division of Natural Resources Office of Land and Stream
- 5 West Virginia Division of Natural Resources Wildlife Resources Section
- 6 West Virginia Department of Environmental Protection
- 7 National Pollutant Discharge Elimination System
- 8 West Virginia Division of Highways



The Doddridge Independent PUBLISHER'S CERTIFICATE

I, Michael D. Zorn, Publisher of The Doddridge Independent, A newspaper of general circulation published in the town of West Union, Doddridge County, West Virginia, do hereby certify that:

Please take notice that on the (9th) of (October), 2024, (Antero Midstream) filed an application for a Floodplain Permit (#24-669) to develop land located at or about (Doddridge/ Ritchie Line); Coordinates: 3 Stream crossings 39.277425, -80.906045 Dotson #1, 39.274834, -80.899607 Dotson# 2 and 39.242776, -80.894586 Cabin run. The Application is on file with the Floodplain Manager of the County and may be inspected or copied during regular business hours in accordance with WV Code. Chapter 29B Freedom of Information, Article 1 Public

was published in The Doddridge Independent 2 times commencing on Friday, October 18, 2024 and Ending on Friday, October 25, 2024 at the request of:

George Eidel, Doddridge County Floodplain Manager& Doddridge County Commission

Given under my hand this Monday, October 28, 2024

The publisher's fee for said publication is:

\$ 31.05 1st Run/\$ 23.29 Subsequent Runs This Legal Ad Total: \$54.34

Michael D. Zorn

Publisher of The Doddridge Independent

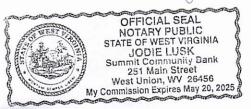
Subscribed to and sworn to before me on

this date: /

Notary Public in and for Doddridge County

My Commission expires on

The 20 day of



Floodplain Public Notice • Legal Notice

Please take notice that on the (9th) of (October), 2024, (Antero Midstream) filed an application for a Floodplain Permit (#24-669) to develop land located at or about (Doddridge/ Ritchie Line); Coordinates: 3 Stream crossings 39.277425, -80.906045 Dotson #1, 39.274834, -80.899607 Dotson# 2 and 39.242776, -80.894586 Cabin run. The Application is on file with the Floodplain Manager of the County and may be inspected or copied during regular business hours in accordance with WV Code. Chapter 29B Freedom of Information, Article 1 Public Records and county policy and procedures. Any interested persons who desire to comment shall present the same in writing by (November 25, 2024) (20 calendar days after the announcement at the regularly scheduled Doddridge County Commission Meeting) delivered to the Floodplain Manager of the County at 99 Court Street, Suite 128, West Union, WV 26456. This project is Annie to Lynn camp Waterline. C2 10/18-10/25

The Doddridge Independent, LLC

187 Main Street West Union, WV 26456 +13048448040

Invoice



BILL TO

George Eidel Doddridge County OES/Floodplain 99 Court Street, Suite 128 West Union, WV 26456-2095 USA



INVOICE#	DATE	TOTAL DUE	DUE DATE	TERMS	ENCLOSED
6587	10/29/2024	\$108.68	11/28/2024	Net 30	

		_					
		120-718-220					
DATE	ACCOUNT SUMMARY			AMOUNT			
09/23/2024	Balance Forward			290.68			
	Other payments and cred	its after 09/23/2024 through 10/	28/2024	-290.68			
10/29/2024	Other invoices from this d	ate		0.00			
	New charges (details belo	New charges (details below)					
	Total Amount Due	Total Amount Due					
ACTIVITY		QTY	RATE	AMOUNT			
Legal Ad Class Class 2 Legal	2 Ad - #24-668	1	54.34	54.34			
Legal Ad Class Class 2 Legal		1	54.34	54.34			
Thank you for	your business	SUBTOTAL		108.68			
		TAX		0.00			
		TOTAL		108.68			
	¥	TOTAL OF NE	TOTAL OF NEW CHARGES				
		BALANCE DU	E	\$108.68			

FLOOD PLAIN ORDINANCE
98 COURT STREET, SUITE 238
WEST UNION, WY 26456

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One hundred eight

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FOR THE LOOST

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09651
Date
69.224,625

Dollars

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- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.

Matthe & Barbara McKinney c/o mma Sandridge 3204 Northwest Turnpike Pennsboro, WV 26415



9590 9402 7059 1225 4220 90

2. Article Number (Transfer from service label)

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A. Signature

X □ Agent
□ Addressee

B. Received by (Printed Name) □ C. Date of Delivery

D. Is delivery address different from item 1? □ Yes
If YES, enter delivery address below: □ No

- 3. Service Type

 ☐ Adult Signature
 ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
 ☐ Certified Mail Restricted Delivery
 ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered MailTM
 ☐ Registered Mail Restricted Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

Doddridge County Office of Emergency Management/Floodplain 99 Court Street, Suite 128 West Union, WV 26456



Matthew & Barbara McKinney c/o Emma Sandridge 3204 Northwest Turnpike Pennsboro, VACCOALS 3/1/2

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- 1. Article Addressed to:

Anne Robinson 220 A and B Lane Pennsboro, WV 26415



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x X	☐ Agent ☐ Addresse
B Received by (Printed Name) TAME: KDB, WSD	C. Date of Delive
D. Is delivery address different from iter If YES, enter delivery address below	

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- ☐ Adult Signature Restricted Delivery ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
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(over \$500)

- Delivery
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☐ Registered Mail™

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CHARLESTON WV 250

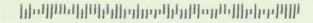
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United States Postal Service • Sender: Please print your name, address, and ZIP+4® in this box•

Doddridge County Office of Emergency Management/Floodplain 99 Court Street, Suite 128 West Union, WV 26456



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- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:

Hope Gas, Inc. 781 Chestnut Ridge Road Morgantown, WV 26505



9590 9402 7059 1225 4220 38

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY A. Signature ☐ Agent ☐ Addressee Received by (Printed Name) C. Date of Delivery Is delivery address different from Item 19 If YES, enter delivery address below: No No OCT 2 2 2024 3. Service Type ☐ Priority Mail Express® ☐ Adult Signature ☐ Registered Mail™ ☐ Adult Signature Restricted Delivery ☐ Registered Mail Restricted ☐ Certified Mail® Delivery ☐ Certified Mail Restricted Delivery ☐ Signature Confirmation™ ☐ Collect on Delivery ☐ Signature Confirmation ☐ Collect on Delivery Restricted Delivery Restricted Delivery

□ Insured Mail

(over \$500)

☐ Insured Mail Restricted Delivery





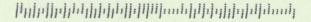
First-Class Mail Postage & Fees Paid USPS Permit No. G-10

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United States Postal Service Sender: Please print your name, address, and ZIP+4® in this box

Doddridge County Office of Emergency Management/Floodplain 99 Court Street, Suite 128 West Union, WV 26456





- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece. or on the front if space permits.

N Railroad Maintenance Authority P.O. Box 470 Moorefield, WV 26836



2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

B. Received by (Printed Name)

Addressee C. Date of Delivery

D. Is delivery address different from item 1? If YES, enter delivery address below:

3. Service Type ☐ Adult Signature

(over \$500)

☐ Adult Signature Restricted Delivery ☐ Certified Mail®

☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery

☐ Insured Mail ☐ Insured Mail Restricted Delivery □ Registered Mail Restricted ☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery

☐ Priority Mail Express®

☐ Registered Mail™

Delivery

☐ Agent

☑ Yes

☐ No

USPS TRACKING#



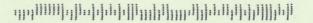


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SE DER: COMPLETE THIS SECTION COMPLETE THIS SECTION ON DELIVERY A. Signature omplete items 1, 2, and 3. ☐ Agent int your name and address on the reve Addressee that we can return the card to you. B. Received by (Printed Name) C. Date of Delivery ach this card to the back of the mailpi -15-24 on the front if space permits. Addressed to: T Yes D. Is delivery address different from item 1? If YES, enter delivery address below: П No Dotson urnpike ins. 3. Service Type ☐ Priority Mail Express® ☐ Adult Signature ☐ Registered Mail™ ☐ Adult Signature Restricted Delivery ☐ Registered Mail Restricted Delivery Certified Mail® ☐ Certified Mail Restricted Delivery ☐ Signature Confirmation™ 9590 9402 7059 1225 4220 21 ☐ Collect on Delivery ☐ Signature Confirmation Restricted Delivery ☐ Collect on Delivery Restricted Delivery 2. Article Number (Transfer from service label) ☐ Insured Mail ☐ Insured Mail Restricted Delivery (over \$500) PS Form 3811, July 2020 PSN 7530-02-000-9053 Domestic Return Receipt

USPS TRACKING#





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United States Postal Service Sender: Please print your name, address, and ZIP+4® in this box

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SENDER: COMPLETE THIS SECTION Complete items 1, 2, and 3.

- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece. or on the front if space permits.

ver B. Lamb **Srthwest Turnpike** Penrisboro, WV 26415



2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☐ Agent Addressee

B. Received by (Printed Name)

C. Date of Delivery

Derver Lumb D. Is delivery address different from item 1?

10-15-2014

If YES, enter delivery address below:

☐ Yes MO NO

3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery Certified Mail®

☐ Collect on Delivery

☐ Insured Mail Restricted Delivery

☐ Insured Mail

(over \$500)

☐ Certified Mail Restricted Delivery

☐ Registered Mail Restricted Delivery

☐ Collect on Delivery Restricted Delivery

☐ Signature Confirmation™

☐ Signature Confirmation Restricted Delivery

☐ Priority Mail Express®

☐ Registered Mail™

PS Form 3811 July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

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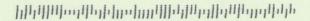
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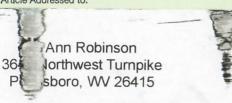
First-Class Mail Postage & Fees Paid USPS Permit No. G-10

United States Postal Service Sender: Please print your name, address, and ZIP+4[®] in this box

Doddridge County Office of Emergency Management/Floodplain 99 Court Street, Suite 128 West Union, WV 26456



- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:





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2. Article Number (Transfer from service label)

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	7		1.	10						-/				

D. Is delivery address different from item 1? If YES, enter delivery address below: T No

3. Service Type

A 0'----

- □ Adult Signature □ Adult Signature Restricted Delivery ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail ☐ Insured Mail Restricted Delivery
- (over \$500)

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- ☐ Registered Mail Restricted
- Delivery
- □ Signature Confirmation™
- ☐ Signature Confirmation

USPS TRACKING#



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- Complete items 1, 2, and 3,
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:

Perkins Land Company, LLC P.O. Box 547 Pennsboro, WV 26415



2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A.	Signature				
v	1/10	11	ba	1	☐ Agent
2	elle	tos	7/00		Addre
B.	Received by P	inted Na	me)	C.	.Date of Deli

Addressee te of Delivery ☐ Yes

T No

- D. Is delivery address different from item 1?
 - If YES, enter delivery address below:

- 3. Service Type ☐ Adult Signature ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail® □ Certified Mail Restricted Delivery
- ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail ☐ Insured Mail Restricted Delivery

(over \$500)

- ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted
- Delivery
- □ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt



First-Class Mail Postage & Fees Paid USPS Permit No. G-10

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- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:

Arthur G Nalissa A. Payne P.O. Box 335 Pennsboro, WV 26415



9590 9402 7059 1225 4220 45

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☐ Agent Addressee

B. Received by (Printed Name) achel Andrews C. Date of Delivery 16-15-24

D. Is delivery address different from item 1?

☐ Yes If YES, enter delivery address below: ☐ No

- 3. Service Type
- ☐ Adult Signature ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail®
- □ Certified Mail Restricted Delivery ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express® ☐ Registered Mail™ ☐ Registered Mail Restricted
 - Delivery
- ☐ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt



First-Class Mail Postage & Fees Paid USPS Permit No. G-10

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Postal Service

• Sender: Please print your name, address, and ZIP+4® in this box•

Doddridge County Office of Emergency Management/Floodplain 99 Court Street, Suite 128 West Union, WV 26456

- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:

Danny L. & Kerri Jo Lipscomb P.O. Box 97 Smithburg, WV 26436



2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

☐ Agent ☐ Addressee

B. Received by (Printed Name)

C. Date of Delivery

☐ Yes

□ No

D. Is delivery address different from item 1?

If YES, enter delivery address below:

3. Service Type ☐ Adult Signature

☐ Adult Signature Restricted Delivery ☐ Certified Mail®

(over \$500)

☐ Certified Mail Restricted Delivery ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery

☐ Insured Mail ☐ Insured Mail Restricted Delivery ☐ Priority Mail Express®

☐ Registered Mail™

☐ Registered Mail Restricted Delivery

☐ Signature Confirmation™ ☐ Signature Confirmation Restricted Delivery

PS Form 3811, July 2020 PSN 7530-02-000-9053

Domestic Return Receipt

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First-Class Mail Postage & Fees Paid USPS Permit No. G-10

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Sender: Please print your name, address, and ZIP+4® in this box

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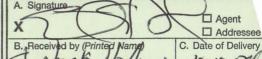
- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:

Waco Oit & Gas Corporation P.O. Box 397 Glenville, WV 26351



2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY



D. Is delivery address different from item 1? If YES, enter delivery address below:

- Service Type
- ☐ Adult Signature ☐ Adult Signature Restricted Delivery
- ☐ Certified Mail® ☐ Certified Mail Restricted Delivery
- ☐ Collect on Delivery ☐ Collect on Delivery Restricted Delivery
- ☐ Insured Mail ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Registered Mail™
- ☐ Registered Mail Restricted Delivery

☐ Priority Mail Express®

T No

- □ Signature Confirmation™
- ☐ Signature Confirmation Restricted Delivery

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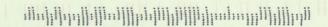


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- Complete items 1, 2, and 3.
- Print your name and address on the reverse so that we can return the card to you.
- Attach this card to the back of the mailpiece, or on the front if space permits.
- 1. Article Addressed to:

Brenda J. Tremmell 729 Lynn Camp Pennsboro, WV 26415



9590 9402 7059 1225 4221 06

2. Article Number (Transfer from service label)

COMPLETE THIS SECTION ON DELIVERY

A. Signature

X Balanda Jiannel

B. Received by (Printed Name)

C.

☐ Agent☐ Addressee
C. Date of Delivery

BrendaTrammel

D. Is delivery address different from item 1? Yes
If YES, enter delivery address below: No

- 3. Service Type
 ☐ Adult Signature
- ☐ Adult Signature Restricted Delivery
 ☐ Certified Mail®
- ☐ Certified Mail Restricted Delivery ☐ Collect on Delivery
- ☐ Collect on Delivery Restricted Delivery
 ☐ Insured Mail
- ☐ Insured Mail Restricted Delivery (over \$500)

- ☐ Priority Mail Express®
- ☐ Registered Mail Restricted
- Delivery

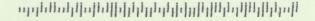
 ☐ Signature Confirmation™
- ☐ Signature Confirmation
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 ☐ Restricted Delivery



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Adult Signature Restricted Delivery \$

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7400 Certified Mail Fee Extra Services & Fees (check box, add fee as an Return Receipt (hardcopy) Return Receipt (electronic) Certified Mail Restricted Delivery Adult Signature Required Adult Signature Restricted Delivery \$ Postage USPS 25456 88 Total Postage and Fees Street and Apt. No., or PO Box No. PS Form 3800, April 2015 PSN 7530-02-000-9047 See Reverse for Instructions