

ENGINEERING "NO-RISE" CERTIFICATION

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

It is to further certify that the attached technical data supports the fact that proposed 42-inch Atlantic Coast Pipeline and associated access roads will not impact the 100-year flood elevations, floodway elevations and floodway widths on Unnamed Tributary of Rockfish River at published sections in the Flood Insurance Rate Map for Nelson County, VA 51125C0255B, dated June 18, 2010 and will not impact the 100-year flood elevations, floodway elevations, and floodway widths at unpublished cross-sections in the vicinity of the proposed development.

Attached are the following documents that support my findings:

Project Location Map

Proposed Pipeline AP-1 Crossing Unnamed Tributary of Rockfish River

1 of 3

Flood Plain Project Map

Proposed Pipeline AP-1 Crossing Unnamed Tributary of Rockfish River

2 of 3

Plan & Profile

Proposed Pipeline AP-1 Crossing Unnamed Tributary of Rockfish River

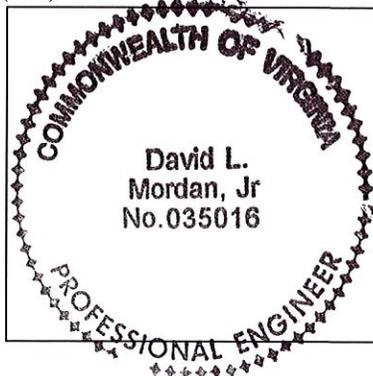
3 of 3

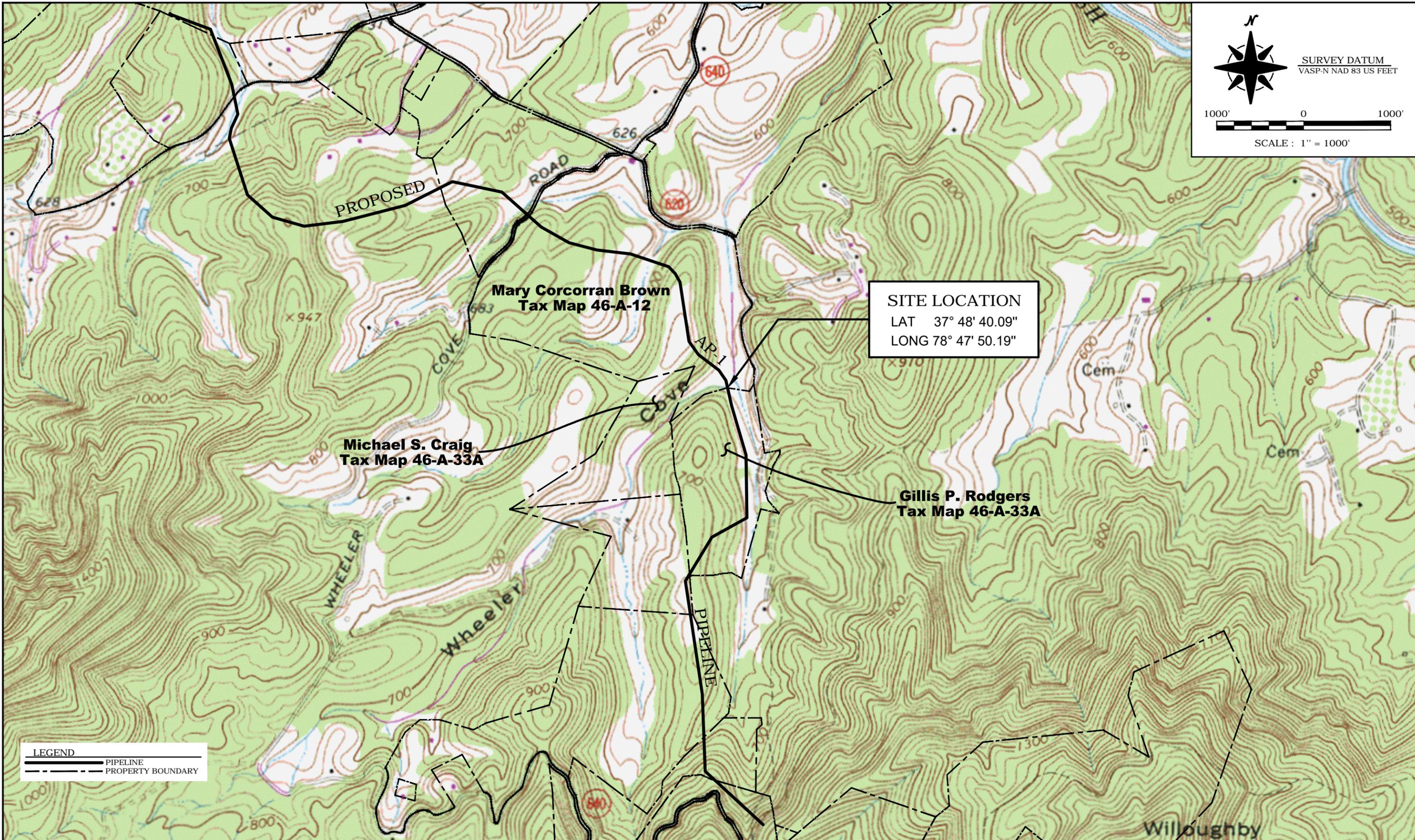
  
(Signature)

3-20-2017  
(Date)

Owner  
(Title)

I3 Engineering & Consulting, LLC  
1160 Johnson Ave., Suite 101  
Bridgeport, WV 26330  
Phone 304-848-6730





**LEGEND**  
 ——— PIPELINE  
 - - - - - PROPERTY BOUNDARY

**GENERAL NOTES AND COMMENTS:**

**REFERENCE**  
 PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS.  
 U.S.G.S. TOPOGRAPHIC MAP  
 LOVINGTON, VA 7.5' QUADRANGLE.

SYM.	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.

SEAL

**Engineering and Consulting, LLC**  
INTEGRITY • INITIATIVE • INNOVATION

<b>DRAWN:</b>	RLR/ALC	3/15/17
<b>CHECKED:</b>	RVS / DLM	3/15/17
<b>APP. FOR BID:</b>		
<b>APP. FOR CONST.:</b>		
<b>SCALE:</b>	1" = 1000'	

**Atlantic Coast Pipeline, LLC**  
 925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

**TITLE:** PROJECT LOCATION MAP  
**PROPOSED PIPELINE AP-1 CROSSING UNT TO ROCKFISH RIVER**

<b>DISTRICT:</b> DOM/ACP/Floodplain Permit/Nelson/UNTtoRockfishRiver	<b>COUNTY:</b> NELSON	<b>STATE:</b> VA	<b>GROUP:</b>	<b>DWG. NO.:</b> 1 of 3	<b>REV.:</b> 0
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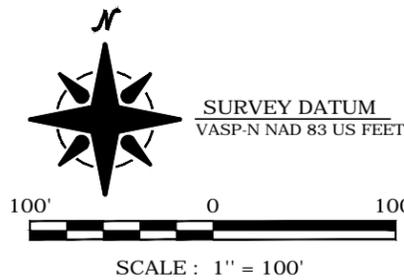
**FLOOD PLAIN REFERENCE**

THE PROPERTY IS LOCATED IN ZONE A AND ZONE X AS SHOWN ON THE FLOOD INSURANCE RATE MAP, 51125C0270B NELSON COUNTY, VA. UNINCORPORATED AREAS, PANEL NUMBER 0270B, EFFECTIVE DATE JUNE 18, 2010.

ZONE A IS AREA DETERMINED TO BE A SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD. THE 1% ANNUAL CHANCE FLOOD (100-YEAR FLOOD), ALSO KNOWN AS THE BASE FLOOD, IS THE FLOOD THAT HAS A 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR. NO BASE FLOOD ELEVATIONS DETERMINED.

ZONE X IS AREAS DETERMINED TO BE OUTSIDE THE 0.2% ANNUAL CHANCE FLOODPLAIN.

LIMITS AS SHOWN ON MAP BASED ON REFERENCE MAPS.



**LEGEND**

	PIPELINE
	75' RIGHT-OF-WAY
	STREAM
	100 YEAR FLOODPLAIN
	ACCESS ROAD
	PROPERTY BOUNDARY

**GENERAL NOTES AND COMMENTS:**

**REFERENCE**  
 PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS.  
 IMAGERY OBTAINED VIA ERSI WORLD IMAGERY, ACCESSED 10/4/16.

SYM.	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.

SEAL

**I3** Engineering and Consulting, LLC  
INTEGRITY • INITIATIVE • INNOVATION

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APP. FOR BID:		
APP. FOR CONST.:		
SCALE:	1" = 100'	

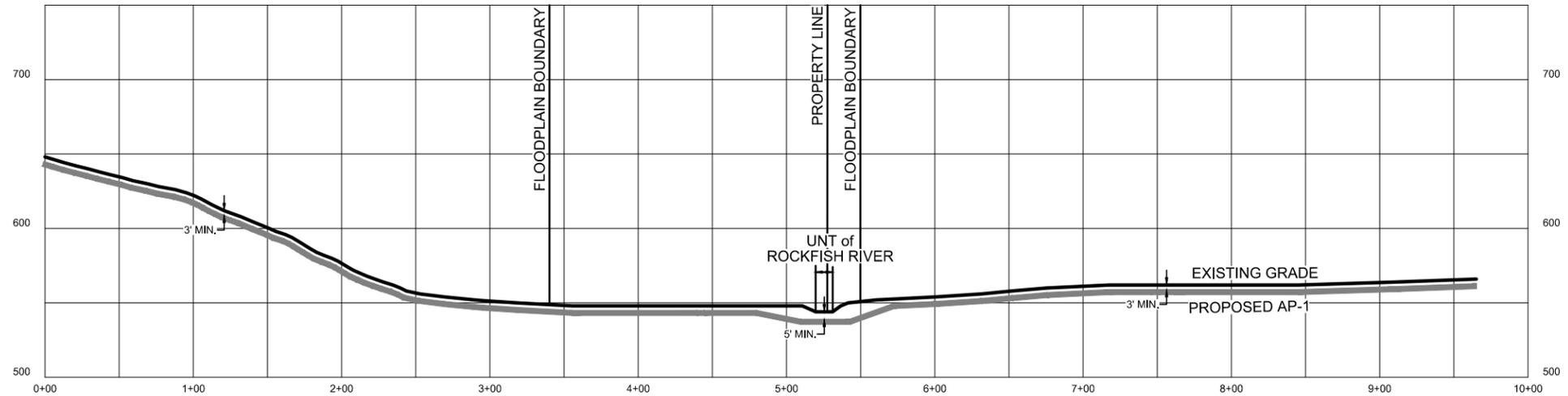
**Atlantic Coast Pipeline, LLC**  
 925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

TITLE: FLOODPLAIN PROJECT MAP  
 PROPOSED PIPELINE AP-1 CROSSING UNT to ROCKFISH RIVER

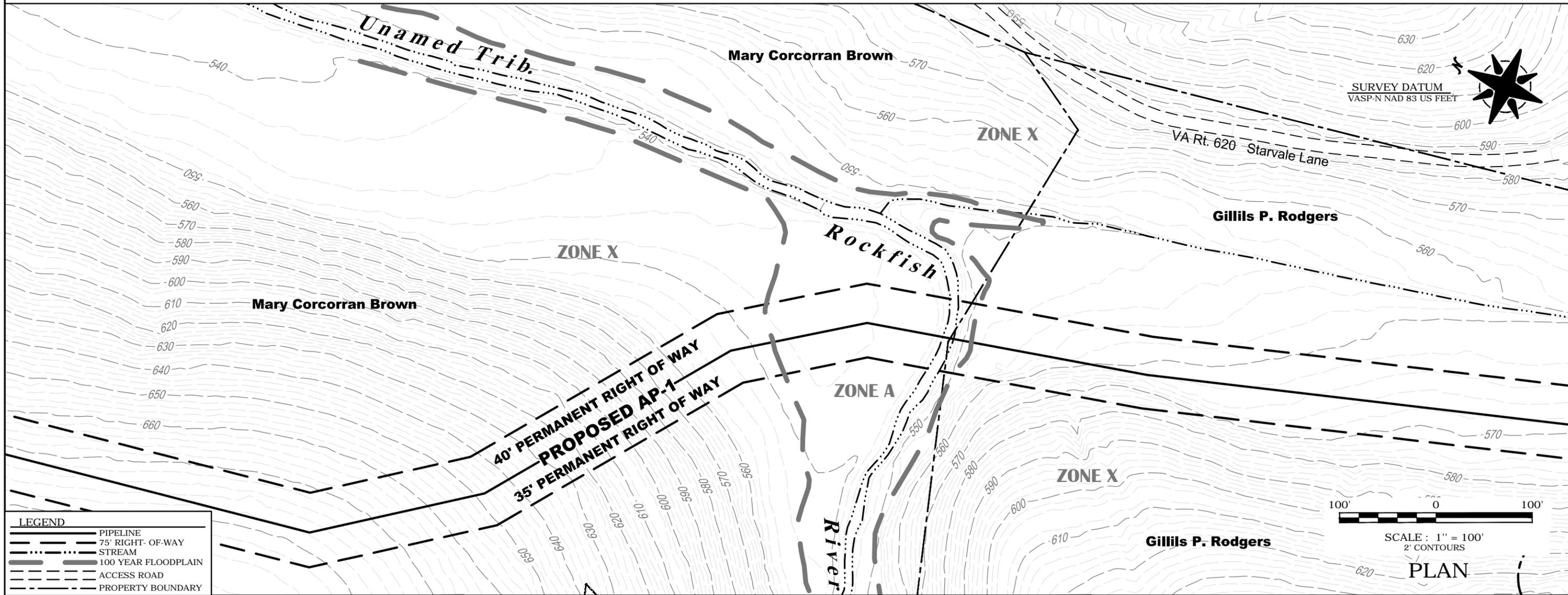
DISTRICT:	ROCKFISH	COUNTY:	NELSON	STATE:	VA	GROUP		DWG. NO.		REV.	
DIR/FILE:	DOM/ACP/FloodplainPermit/NelsonUNTtoRockfishRiver								2 of 3	0	

**NOTES:**

- EXISTING GRADE ELEVATIONS PROVIDED IN THE PLAN/PROFILE WILL BE RESTORED TO LIKE ELEVATIONS AFTER CONSTRUCTION; NO CHANGE TO ELEVATIONS ARE PLANNED



**PROFILE**  
SCALE : 1" = 100' Horizontal & Vertical



**LEGEND**

	PIPELINE
	75' RIGHT- OF-WAY
	STREAM
	100 YEAR FLOODPLAIN
	ACCESS ROAD
	PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS:

**REFERENCE**  
LIDAR ELEVATION DATA PROVIDED BY GAI CONSULTANTS.  
PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS.

SYM.	DATE	BY	REVISION INFORMATION	PROJECT/TASK	APP.	SEAL

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CHECKED:	RVS / DLM	3/15/17
APP. FOR BID:		
APP. FOR CONST.:		
SCALE:	1" = 100'	

**Atlantic Coast Pipeline, LLC**  
925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

**PLAN & PROFILE**  
PROPOSED PIPELINE AP-1 CROSSING UNT to ROCKFISH RIVER

DISTRICT:	COUNTY:	NELSON	STATE:	VA	GROUP:	DWG. NO.	REV.
DIR/FILE:	DOM/ACP/FloodplainPermit/Nelson/UNTtoRockfishRiver					3 of 3	0