

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 51125C0270B, dated June 18, 2010 and will not impact the 100-year flood elevations, floodway elevations, and floodway widths at unpublished cross-sections in the vicinity of the proposed development.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 4

Flood Plain Project Map

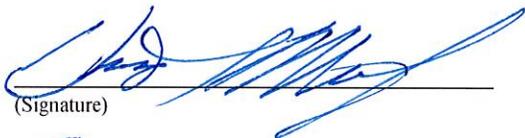
Proposed Pipeline AP-1 Crossing Unnamed Tributary of Rockfish River

2 of 4

Plan & Profile

Proposed Pipeline AP-1 Crossing Unnamed Tributary of Rockfish River

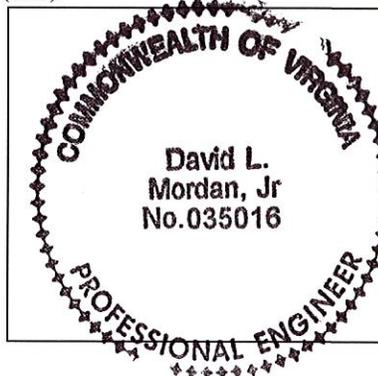
3 of 4 and 4 of 4.

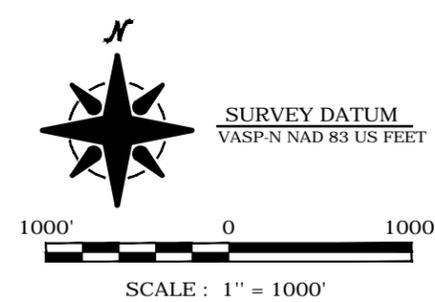

(Signature)

Owner
(Title)

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

3-20-2017
(Date)

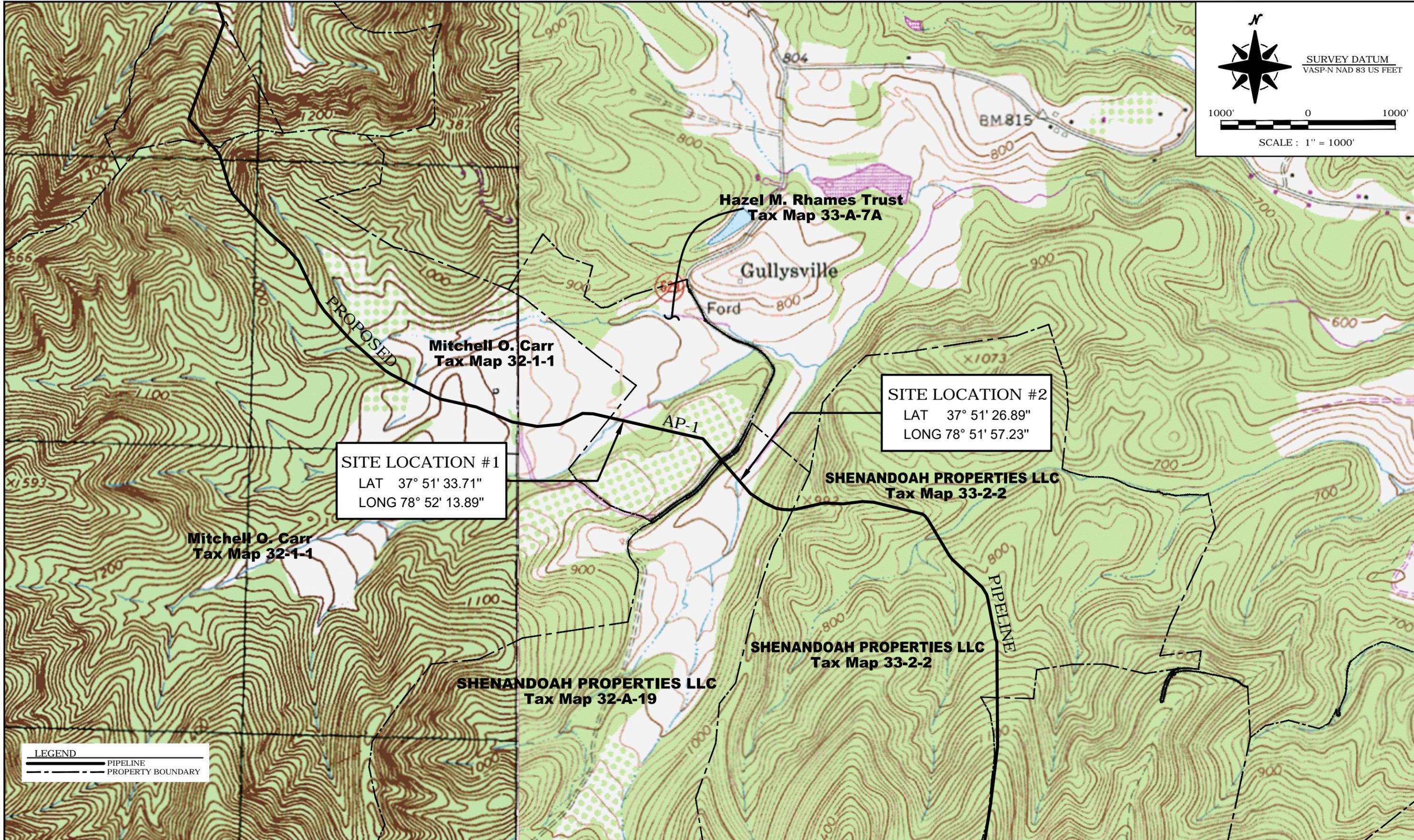




SURVEY DATUM
VASP-N NAD 83 US FEET

1000' 0 1000'

SCALE: 1" = 1000'



LEGEND

— PIPELINE

- - - PROPERTY BOUNDARY

GENERAL NOTES AND COMMENTS:

REFERENCE

PIPELINE SURVEY INFORMATION PROVIDED BY GAI CONSULTANTS.

U.S.G.S. TOPOGRAPHIC MAPS
HORSESHOE MOUNTAIN & LOVINGTON, VA 7.5' QUADRANGLES.

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

Engineering and Consulting, LLC
INTEGRITY • INITIATIVE • INNOVATION

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

TITLE: PROJECT LOCATION MAP
PROPOSED PIPELINE AP-1 CROSSING UNIT of ROCKFISH RIVER

DRAWN: RLR/ALC	3/13/17	DISTRICT: DOM/ACP/Floodplain Permit/Nelson/UNT to RockfishRiver	GROUP:	DWG. NO.: 1 of 4	REV.: 0
CHECKED: RVS / DLM	3/13/17	COUNTY: NELSON	STATE: VA		
APP. FOR CONST.:					
SCALE: 1" = 1000'					

FLOOD PLAIN REFERENCE

THE PROPERTY IS LOCATED IN ZONE A AND ZONE X AS SHOWN ON THE FLOOD INSURANCE RATE MAP, 51125C0255B NELSON COUNTY, VA. UNINCORPORATED AREAS, PANEL NUMBER 0255B, EFFECTIVE DATE JUNE 18, 2010.

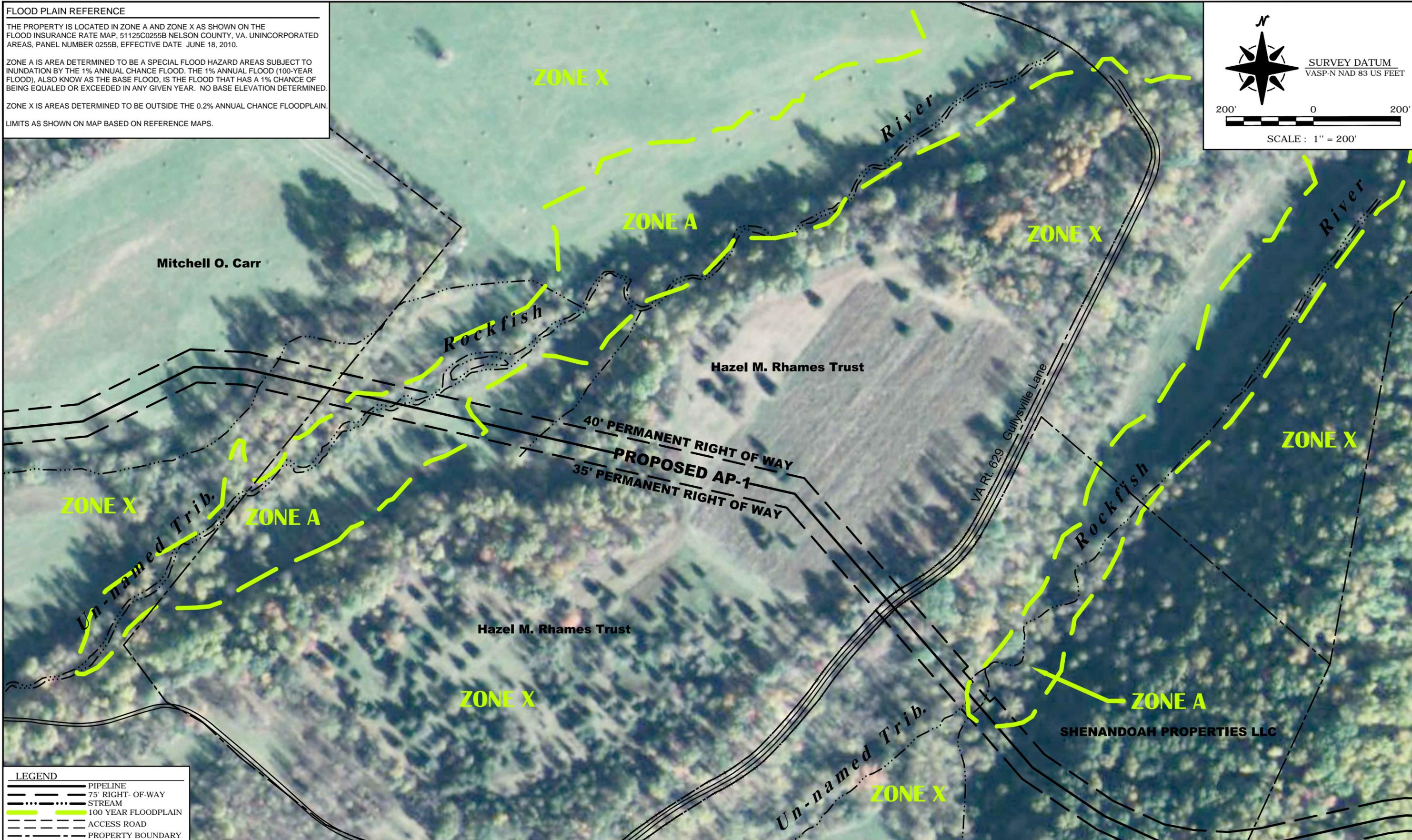
ZONE A IS AREA DETERMINED TO BE A SPECIAL FLOOD HAZARD AREAS SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD. THE 1% ANNUAL FLOOD (100-YEAR FLOOD), ALSO KNOWN AS THE BASE FLOOD, IS THE FLOOD THAT HAS A 1% CHANCE OF BEING EQUALED OR EXCEEDED IN ANY GIVEN YEAR. NO BASE ELEVATION DETERMINED.

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

LIMITS AS SHOWN ON MAP BASED ON REFERENCE MAPS.

SURVEY DATUM
VASP-N NAD 83 US FEET

SCALE : 1" = 200'



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

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DRAWN:	RLR/ALC	3/13/17
CHECKED:	RVS / DLM	3/13/17
APP. FOR BID:		
APP. FOR CONST.:		
SCALE:	1" = 200'	

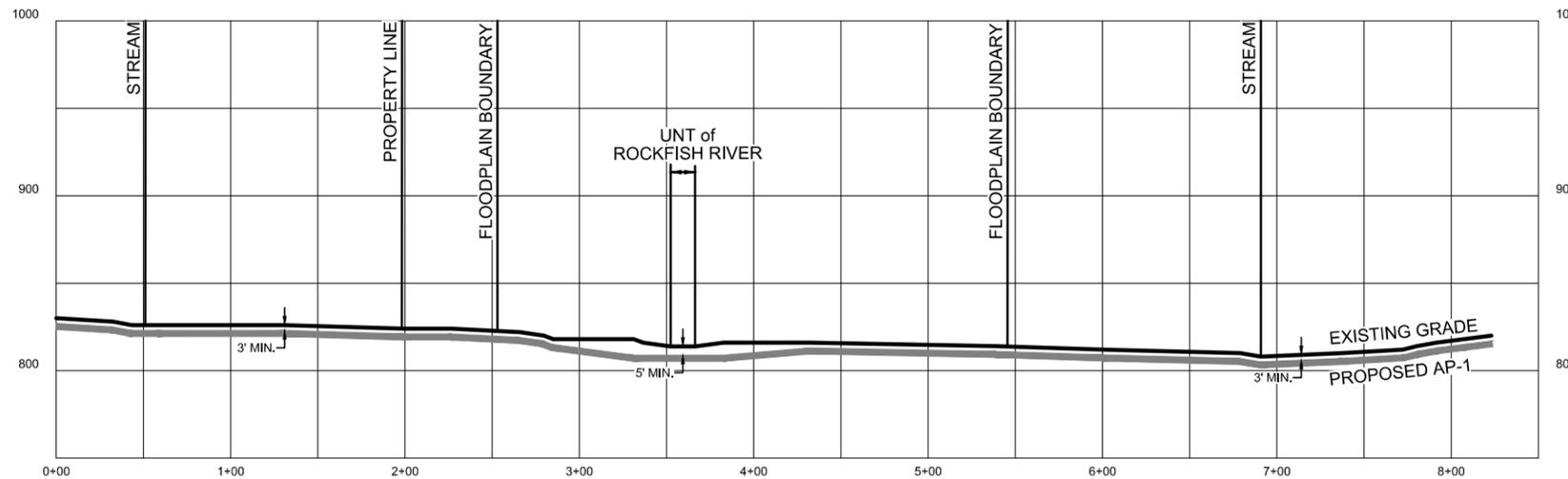
Atlantic Coast Pipeline, LLC
925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

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

DISTRICT:	ROCKFISH	COUNTY:	NELSON	STATE:	VA	GROUP:		DWG. NO.:		REV.:	
DIR/FILE:	DOM/ACP/FloodplainPermit/Nelson/UNT to RockfishRiver								2 of 4	0	

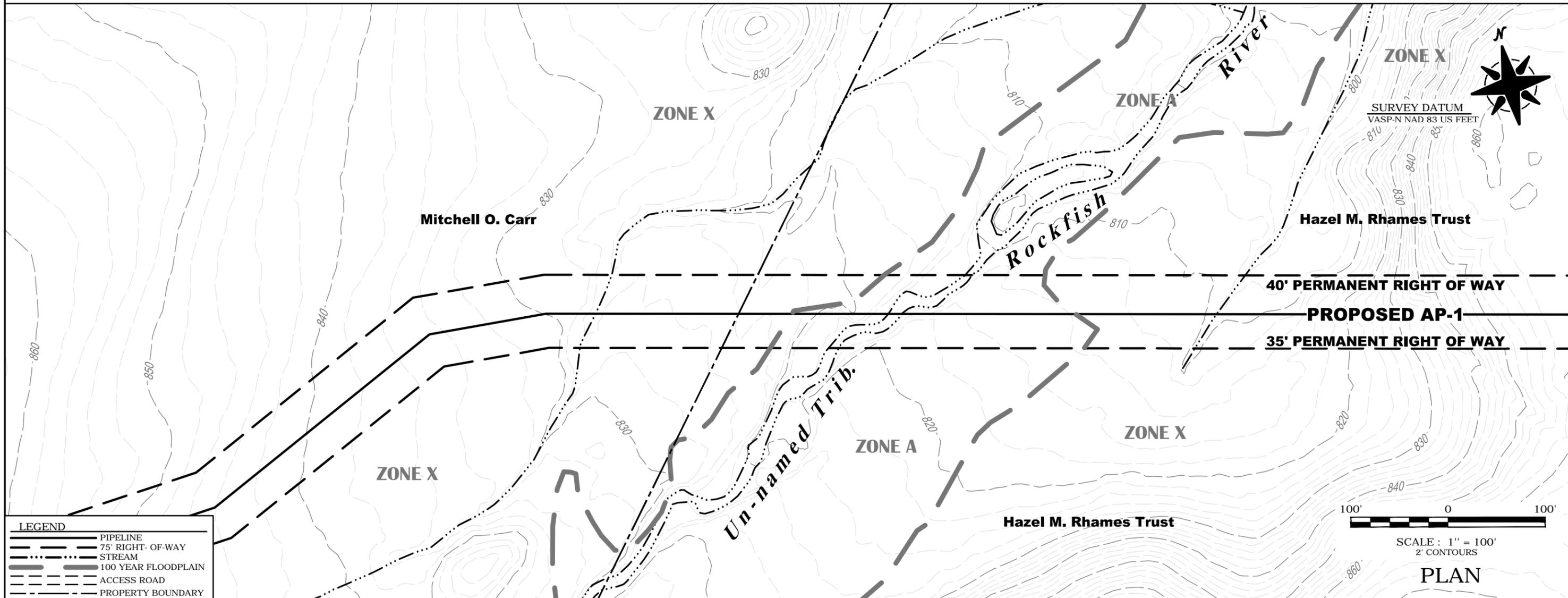
NOTES:

- 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	3/13/17
APP. FOR BID:		
APP. FOR CONST.:		
SCALE:	1" = 100'	

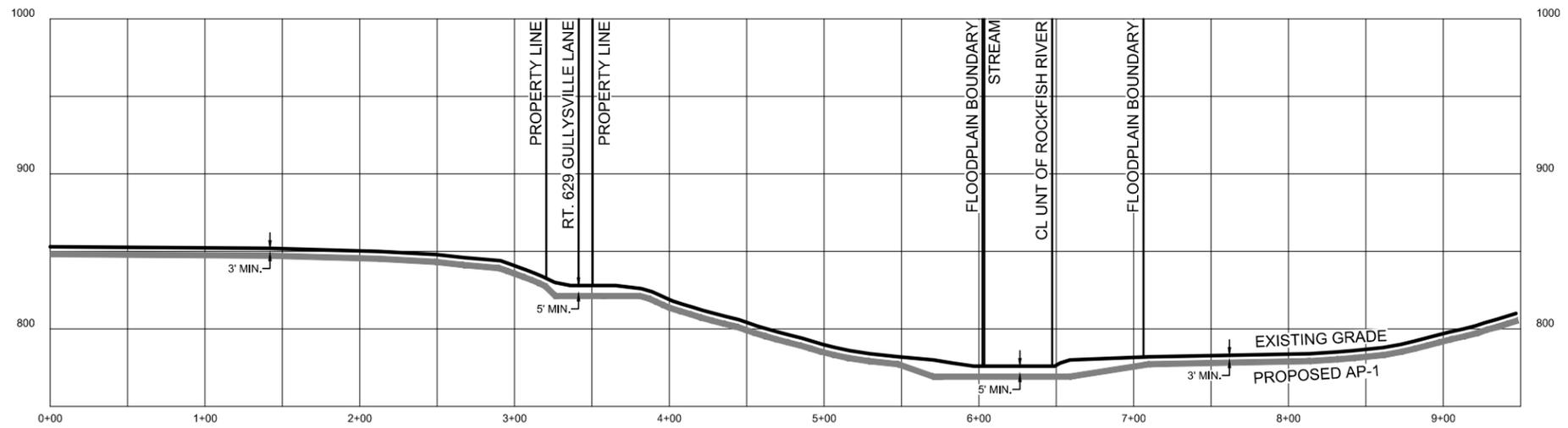
Atlantic Coast Pipeline, LLC
 925 White Oaks Blvd. Bridgeport, West Virginia 26330 / 681-842-8000

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

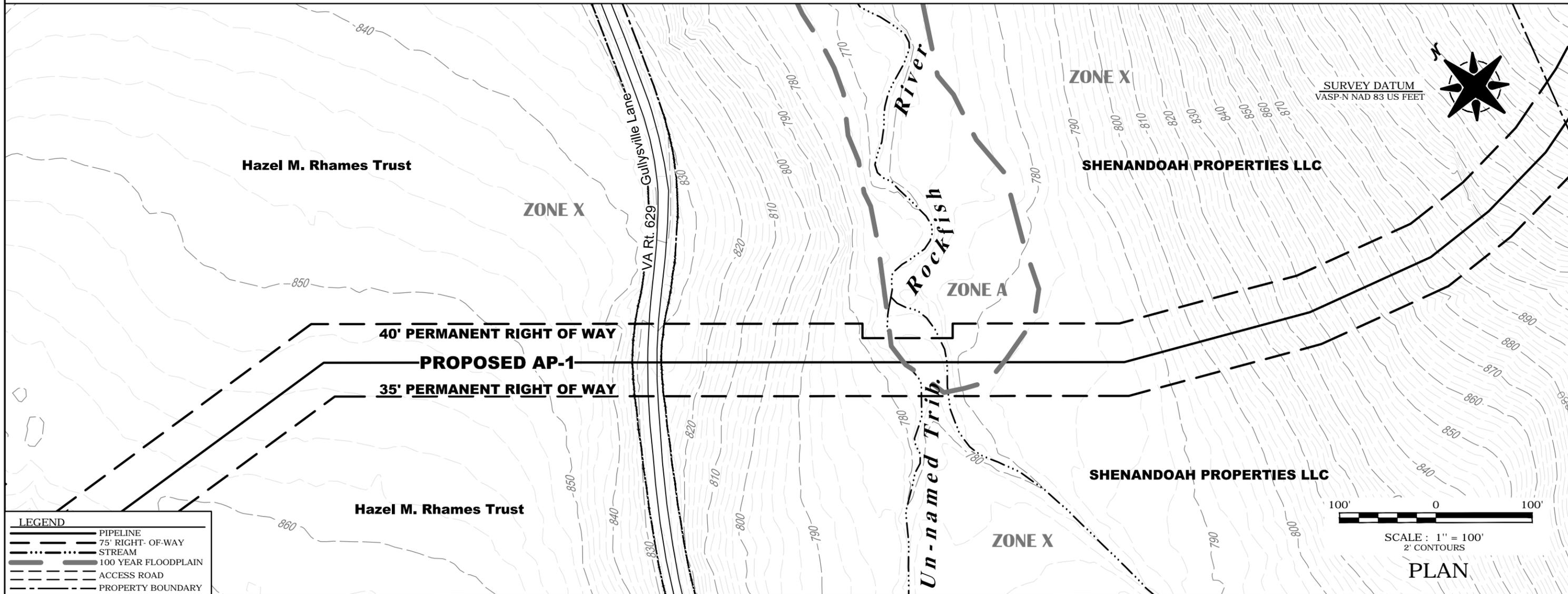
DISTRICT:	COUNTY:	STATE:	GROUP:	DWG. NO.:	REV.:
	NELSON	VA			
DIR:FILE: DOM/ACP/FloodplainPermit/Nelson/UNT to RockfishRiver					3 of 4
					0

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:

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SCALE:	1" = 100'	

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

TITLE: 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/UNT to RockfishRiver						4 of 4	0