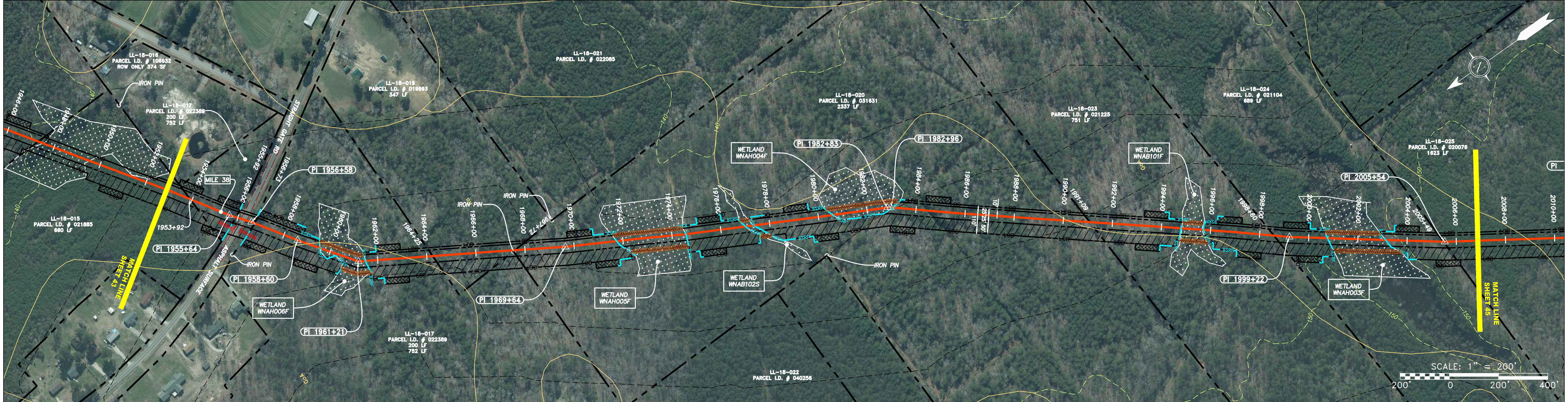
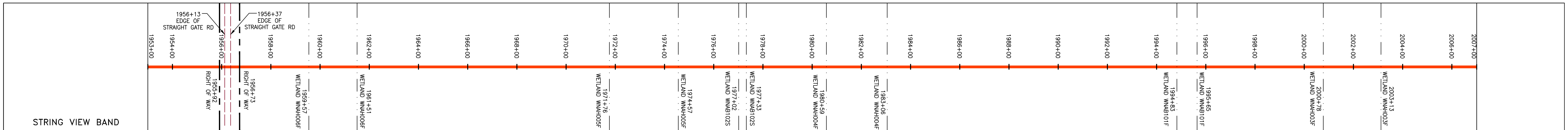


PROPERTY OWNERSHIP	PARCEL I.D.	AREA
LL-18-016	PARCEL I.D. # 106932	ROW ONLY 374 SF
LL-18-017	PARCEL I.D. # 022389	200 LF
LL-18-015	PARCEL I.D. # 021885	660 LF
LL-18-019	PARCEL I.D. # 019993	347 LF
LL-18-021	PARCEL I.D. # 022389	ROW ONLY 5109 SF
LL-18-020	PARCEL I.D. # 031631	2337 LF
LL-18-023	PARCEL I.D. # 021225	751 LF
LL-18-024	PARCEL I.D. # 021104	689 LF
LL-18-025	PARCEL I.D. # 020076	1623 LF



PIPE SPECIFICATION
1956+13
1956+37
1956+00
1962+00
1968+00
1974+00
1980+00
1986+00
1992+00
1998+00
2004+00
2006+00
2008+00
2009+00
2009+40
2010+00



**LEGEND**

— X — X —	PROPERTY LINE	— F — F —	STORM SEWER	▨	EXTRA WORK SPACE	▨	TOPSOIL SEGREGATION AREA
— W — W —	FENCE	— W — W —	UNDERGROUND ELECTRIC	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.
— G — G —	STREAM	— S — S —	WATER LINE	▨	WETLAND	▨	UTILITY POLE
— OH — OH —	EXISTING GAS PIPELINE	— SAN — SAN —	SANITARY SEWER	▨	WETLAND	▨	UTILITY POLE
— OH — OH —	OVERHEAD UTILITY LINES	— E — E —	EDGE OF GRAVEL	▨	WETLAND	▨	UTILITY POLE
— A — A —	ACCESS ROAD	— P — P —	PROPOSED PERMANENT EASEMENT	▨	WETLAND	▨	UTILITY POLE
— G — G —	PROPOSED GAS PIPELINE	— N — N —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	▨	WETLAND	▨	UTILITY POLE

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC. FROM 11-03-2014 THRU 11-07-2014.
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NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION

**36" AP-2 PIPELINE**  
**CONSTRUCTION ALIGNMENT STA 1953+00 TO 2007+00**

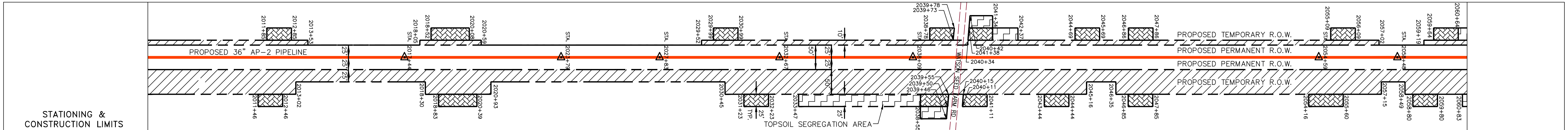
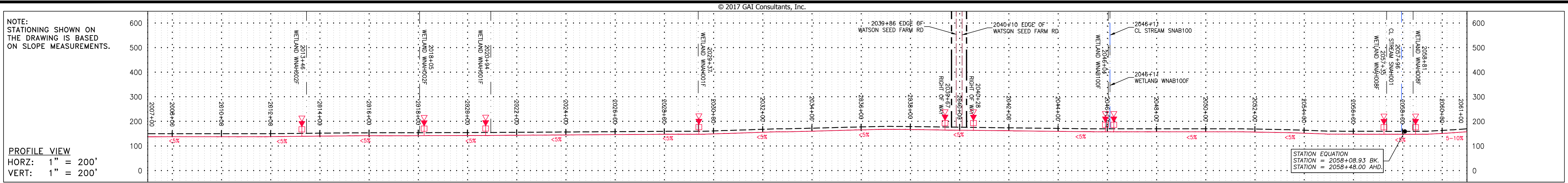
ATLANTIC COAST PIPELINE, LLC  
 C/O DOMINION TRANSMISSION, INC.  
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

SCALE:	AS SHOWN
DATE:	06/09/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

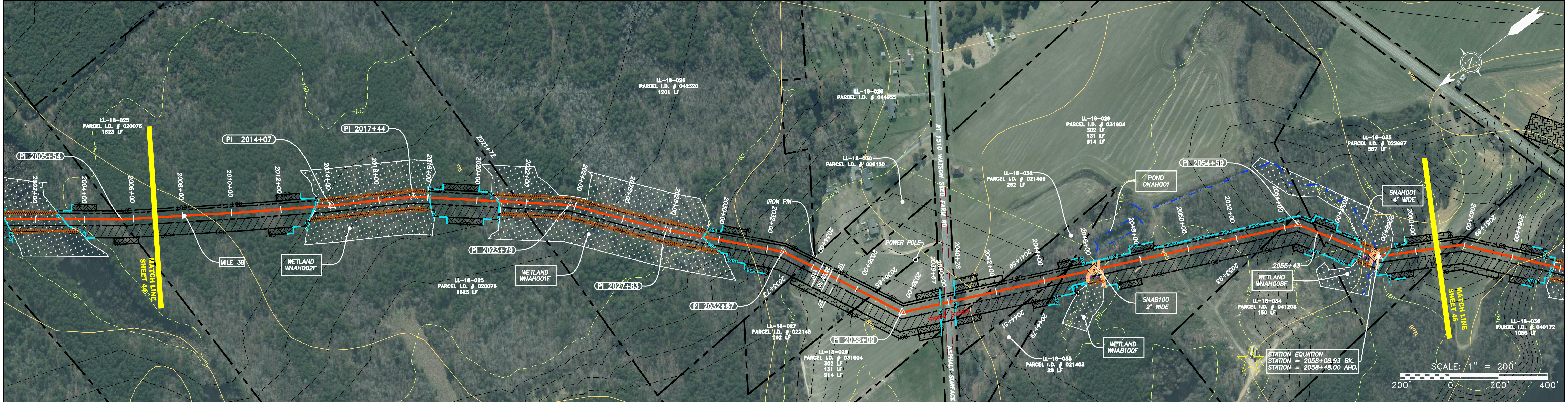
gai consultants - NC, inc.  
 4198 COX ROAD  
 SUITE 114  
 GLEN ALLEN, VA 23060  
 804-270-9357  
 N.C. COL #02-0269

PROJECT NO./DASH NO.	C140468	
TASK NO.	005	00
GROUP ID	D	E044
44	OF 189	

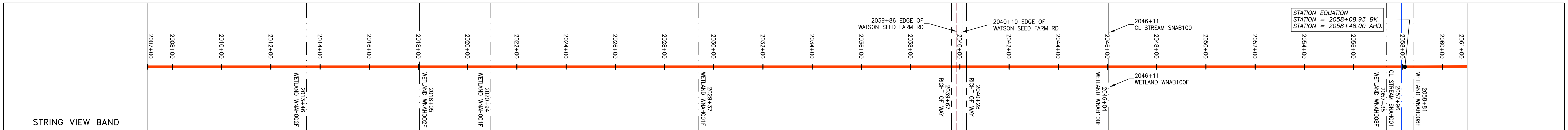
GAI CAD FILE NO. \ITG-FS\THRASHER\050-5159 - GIA, INC. - GAI - THRASHER - MAPPING\SURVEY\DRAWING\SEC 9\PLAN SHEETS\SEC 9 SHEETS- 44-47 (37-40) REROUTE.DWG



Stationing	Parcel I.D.	Parcel Area (LF)
2005+49	LL-18-025	1623 LF
2021+72	LL-18-026	1201 LF
2023+73	LL-18-027	292 LF
2023+73	LL-18-029	302 LF
2024+28	LL-18-029	131 LF
2024+28	LL-18-032	292 LF
2024+28	LL-18-029	302 LF
2024+28	LL-18-033	28 LF
2024+28	LL-18-034	150 LF
2024+28	LL-18-029	302 LF
2024+28	LL-18-033	28 LF
2024+28	LL-18-034	150 LF
2025+43	LL-18-035	587 LF
2025+43	LL-18-035	587 LF



Stationing	Feature
2007+00	WETLAND WNAH002F
2008+00	WETLAND WNAH002F
2010+00	WETLAND WNAH002F
2011+46	WETLAND WNAH002F
2012+00	WETLAND WNAH002F
2013+00	WETLAND WNAH002F
2014+00	WETLAND WNAH002F
2015+00	WETLAND WNAH002F
2016+00	WETLAND WNAH002F
2017+00	WETLAND WNAH002F
2018+00	WETLAND WNAH002F
2019+00	WETLAND WNAH002F
2020+00	WETLAND WNAH002F
2021+00	WETLAND WNAH002F
2022+00	WETLAND WNAH002F
2023+00	WETLAND WNAH002F
2024+00	WETLAND WNAH002F
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2055+00	WETLAND WNAH002F
2056+00	WETLAND WNAH002F
2057+00	WETLAND WNAH002F
2058+00	WETLAND WNAH002F
2059+00	WETLAND WNAH002F
2060+00	WETLAND WNAH002F
2061+00	WETLAND WNAH002F



**LEGEND**

— X — X —	PROPERTY LINE	— E —	UNDERGROUND ELECTRIC	▨	EXTRA WORK SPACE	▨	TOPSOIL SEGREGATION AREA	▨	PROPOSED TEMPORARY R.O.W.	▨	WETLAND	▨	UTILITY POLE
— W —	FENCE	— W —	WATER LINE	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.	▨	WETLAND	▨	WETLAND	▨	UTILITY POLE
— G — G —	STREAM	— SAN —	SANITARY SEWER	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.	▨	WETLAND	▨	WETLAND	▨	UTILITY POLE
— OH —	EXISTING GAS PIPELINE	— SAN —	SANITARY SEWER	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.	▨	WETLAND	▨	WETLAND	▨	UTILITY POLE
—	OVERHEAD UTILITY LINES	— SAN —	SANITARY SEWER	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.	▨	WETLAND	▨	WETLAND	▨	UTILITY POLE
—	ACCESS ROAD	— SAN —	SANITARY SEWER	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.	▨	WETLAND	▨	WETLAND	▨	UTILITY POLE
—	PROPOSED GAS PIPELINE	— SAN —	SANITARY SEWER	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.	▨	WETLAND	▨	WETLAND	▨	UTILITY POLE
—	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	— SAN —	SANITARY SEWER	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.	▨	WETLAND	▨	WETLAND	▨	UTILITY POLE

**NOTES:**

1. COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.
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NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

**REVISIONS**

**PROJECT NO./DASH NO.**  
C140468

**TASK NO. SUB TASK NO.**  
005 00

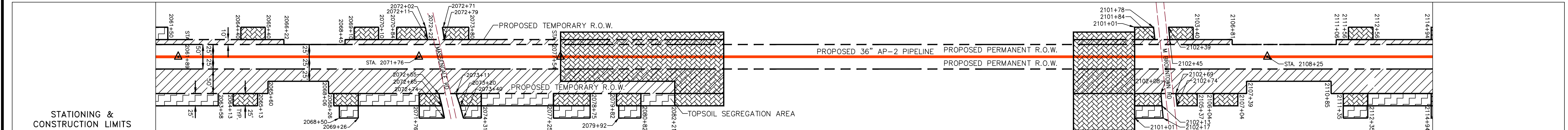
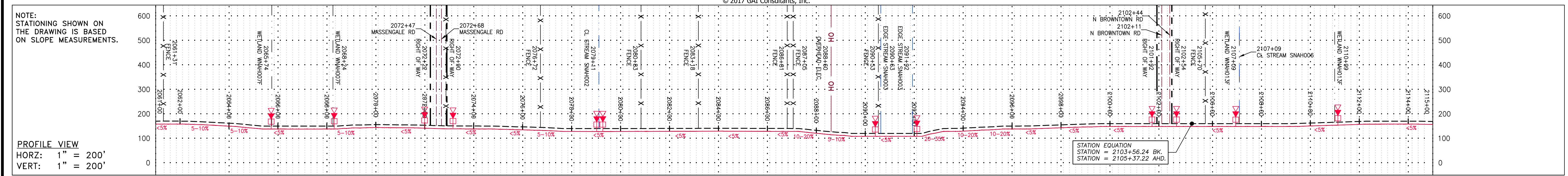
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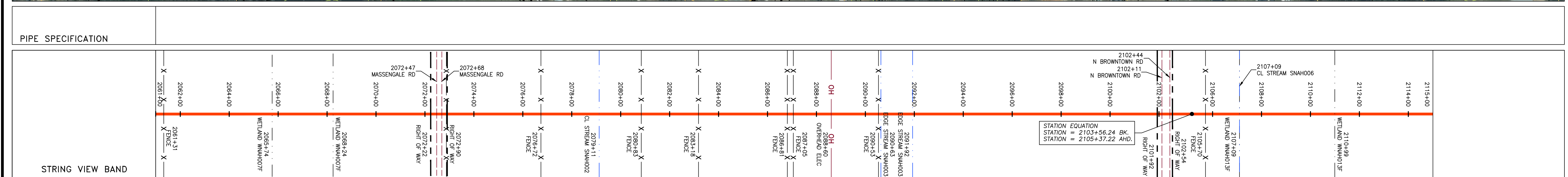
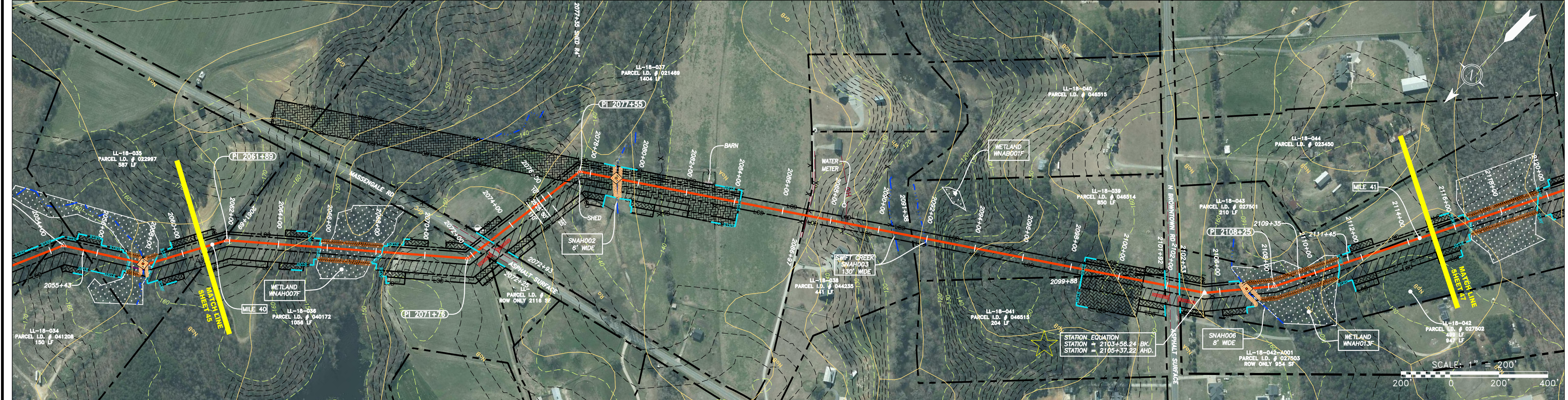
**ATLANTIC COAST PIPELINE, LLC**  
C/O DOMINION TRANSMISSION, INC.  
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

**SCALE: AS SHOWN**  
**DATE: 06/09/17**  
**DRAWN: GPT**  
**CHECKED: DLH**  
**APPROVED: NET**

**gai consultants - NC, inc.**  
4198 COX ROAD  
SUITE 114  
GLEN ALLEN, VA 23060  
804-270-9357  
N.C. COL #0269



PROPERTY OWNERSHIP	PARCEL I.D.	AREA
LL-18-035	PARCEL I.D. # 022997	587 LF
LL-18-036	PARCEL I.D. # 040172	1056 LF
LL-18-037	PARCEL I.D. # 021469	1404 LF
LL-18-038	PARCEL I.D. # 044235	441 LF
LL-18-039	PARCEL I.D. # 046514	850 LF
LL-18-041	PARCEL I.D. # 046513	204 LF
LL-18-042	PARCEL I.D. # 027502	499 LF
LL-18-042-A001	PARCEL I.D. # 027503	ROW ONLY 954 SF
LL-18-043	PARCEL I.D. # 027501	210 LF
LL-18-044	PARCEL I.D. # 023450	947 LF



**LEGEND**

— X — X —	PROPERTY LINE	— F — F —	UNDERGROUND ELECTRIC	— W — W —	WATER LINE	— G — G —	EXISTING GAS PIPELINE	— OH — OH —	OVERHEAD UTILITY LINES	— A — A —	ACCESS ROAD	— P — P —	PROPOSED GAS PIPELINE	— P — P —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
— S — S —	STORM SEWER	— W — W —	WATER LINE	— S — S —	SANITARY SEWER	— E — E —	EDGE OF GRAVEL	— P — P —	PROPOSED PERMANENT EASEMENT	— P — P —	PROPOSED PERMANENT EASEMENT	— S — S —	STORM SEWER	— W — W —	WATER LINE
— X — X —	FENCE	— W — W —	WATER LINE	— S — S —	SANITARY SEWER	— E — E —	EDGE OF GRAVEL	— P — P —	PROPOSED PERMANENT EASEMENT	— P — P —	PROPOSED PERMANENT EASEMENT	— S — S —	STORM SEWER	— W — W —	WATER LINE
— S — S —	STORM SEWER	— W — W —	WATER LINE	— S — S —	SANITARY SEWER	— E — E —	EDGE OF GRAVEL	— P — P —	PROPOSED PERMANENT EASEMENT	— P — P —	PROPOSED PERMANENT EASEMENT	— S — S —	STORM SEWER	— W — W —	WATER LINE

**NOTES:**

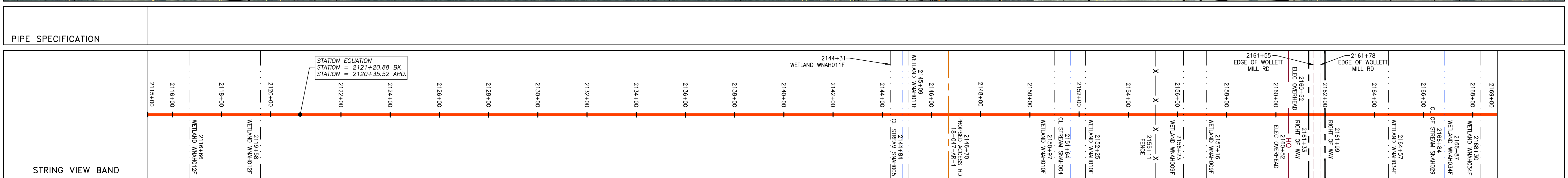
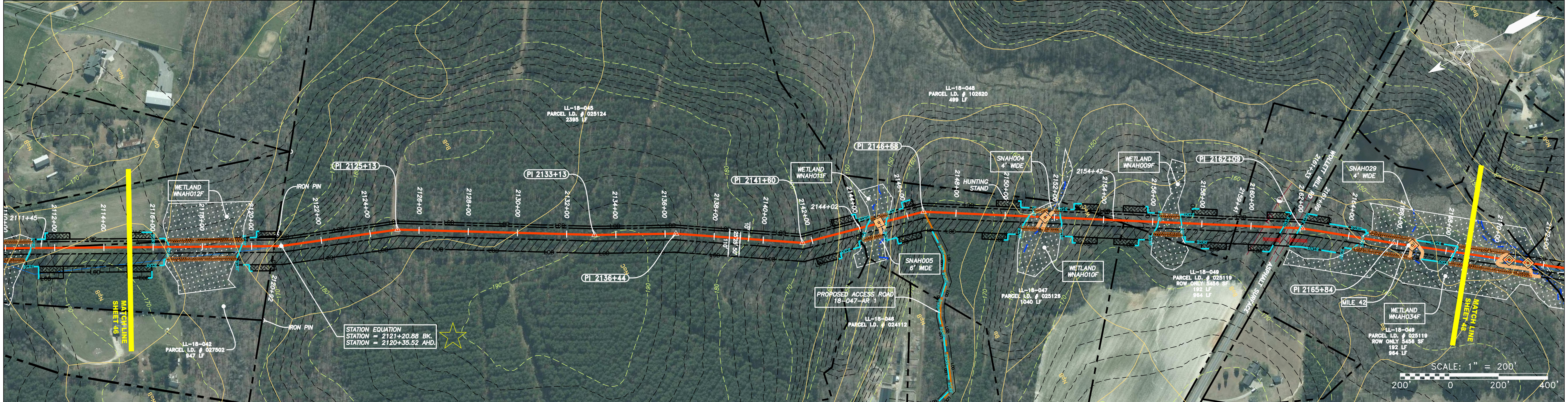
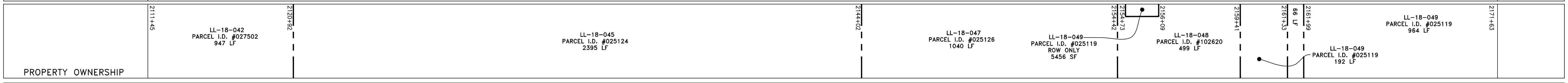
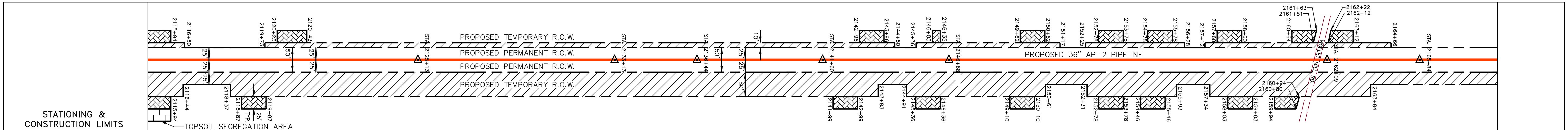
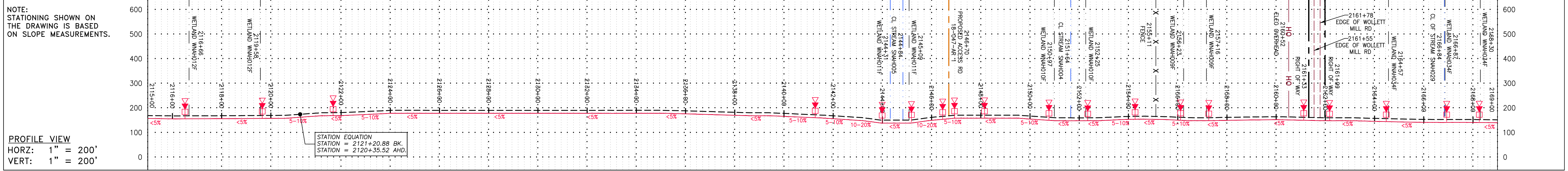
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REVISIONS		DESCRIPTION
NO.	DATE	DWN.
CHKD.	APPRD.	

SCALE: AS SHOWN  
DATE: 06/09/17  
DRAWN: GPT  
CHECKED: DLH  
APPROVED: NET

PROJECT NO./DASH NO. C140468  
TASK NO. SUB TASK NO. 005 00  
GROUP ID DRAWING NO. D E046  
46 OF 189

36" AP-2 PIPELINE  
CONSTRUCTION ALIGNMENT STA 2061+00 TO 2115+00  
ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330



<b>LEGEND</b> - - - - - PROPERTY LINE X X FENCE - - - - - STREAM G G EXISTING GAS PIPELINE OH OVERHEAD UTILITY LINES - - - - - ACCESS ROAD - - - - - PROPOSED GAS PIPELINE		- - - - - UNDERGROUND ELECTRIC W WATER LINE SAN SANITARY SEWER - - - - - EDGE OF GRAVEL - - - - - PROPOSED PERMANENT EASEMENT - - - - - PROPOSED GAS PIPELINE (NO GROUND SURVEY)		[Hatched Box] EXTRA WORK SPACE [Dotted Box] AREA OF NO DISTURBANCE [Green Box] WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY) [Hatched Box] TOPSOIL SEGREGATION AREA [Hatched Box] PROPOSED TEMPORARY R.O.W. [Circle with X] UTILITY POLE		[Triangle with X] PERMANENT WATERBAR/SLOPE BREAKER [Triangle with X] TEMPORARY WATERBAR/SLOPE BREAKER [Triangle with X] TRENCH BREAKER/PLUG [Diamond with X] STREAM CROSSING [Diamond with X] USFWS STREAM CROSSING WITH ENHANCED CONTROLS [Triangle with X] CONSTRUCTION ENTRANCE WITH DITCH [Triangle with X] CULVERT/ WATERBAR [Line] LOD LIMIT OF DISTURBANCE [Line] BSRF BELTED SILT RETENTION FENCE (BSRF) [Line] COIR LOG [Line] COMPOST FILTER SOCK [Line] ORANGE SAFETY FENCE [Line] ROADSIDE DITCH [Circle] CuB SOIL TYPE	
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NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 10).

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- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.
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NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

**ATLANTIC COAST PIPELINE, LLC**  
 C/O DOMINION TRANSMISSION, INC.  
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330  
 WASH COUNTY, NORTH CAROLINA

SCALE: AS SHOWN  
 DATE: 06/09/17  
 DRAWN: GPT  
 CHECKED: DLH  
 APPROVED: NET

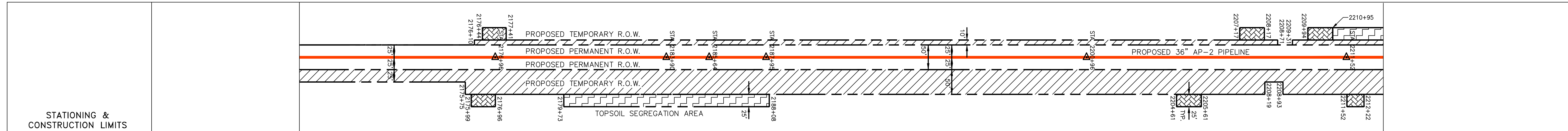
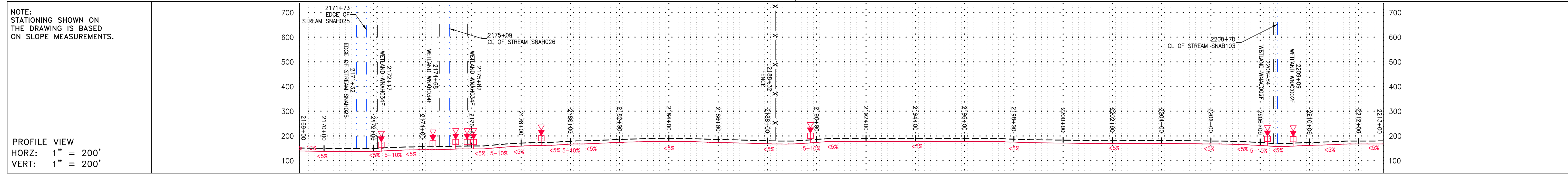
gai consultants - NC, inc.  
 4198 COX ROAD  
 SUITE 114  
 GLEN ALLEN, VA 23060  
 804-270-9357  
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PROJECT NO./DASH NO.  
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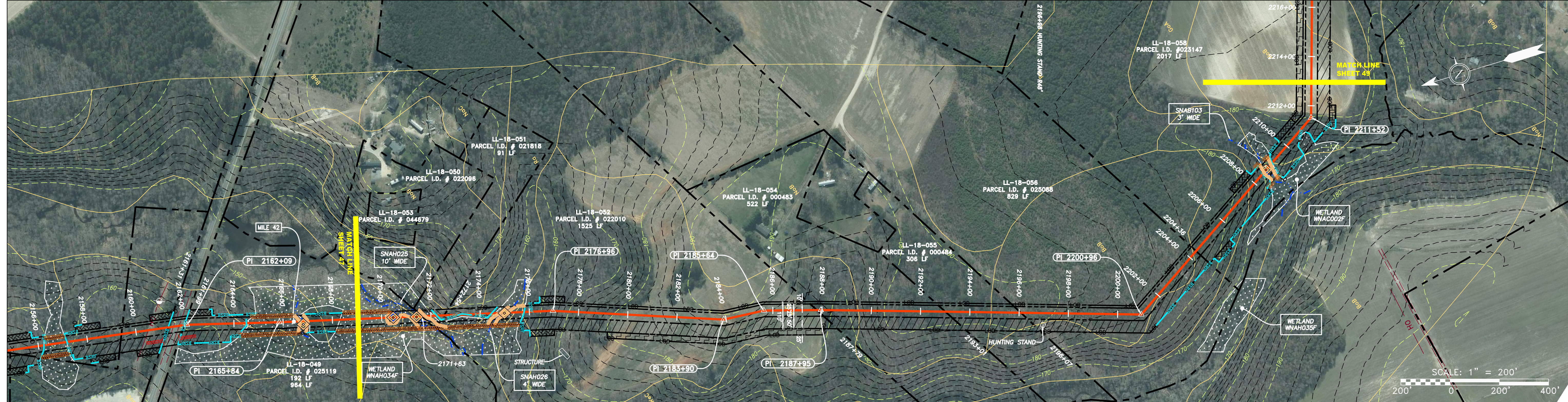
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**005 00**

GROUP ID DRAWING NO.  
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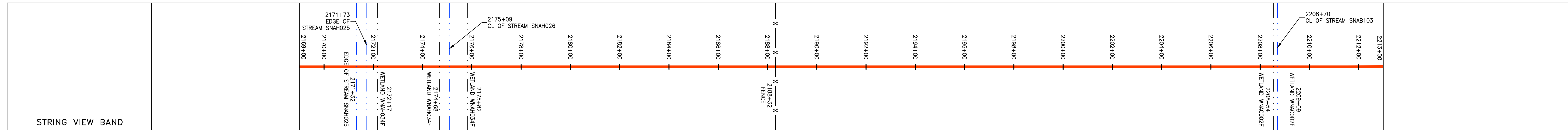
47 OF 189



PROPERTY OWNERSHIP	STATIONING & CONSTRUCTION LIMITS
LL-18-049 PARCEL I.D. #025119 964 LF	2169+00 to 2171+00
LL-18-051 PARCEL I.D. #021818 91 LF	2171+00 to 2177+00
LL-18-052 PARCEL I.D. #022010 1525 LF	2177+00 to 2183+00
LL-18-054 PARCEL I.D. #000483 522 LF	2183+00 to 2190+00
LL-18-055 PARCEL I.D. #000484 306 LF	2190+00 to 2196+00
LL-18-056 PARCEL I.D. #025088 829 LF	2196+00 to 2204+00
LL-18-058 PARCEL I.D. #025147 2017 LF	2204+00 to 2213+00



PIPE SPECIFICATION
36" AP-2 PIPELINE



**LEGEND**

PROPERTY LINE	UNDERGROUND ELECTRIC	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA
FENCE	WATER LINE	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.
STREAM	SANITARY SEWER	WETLAND <small>(COLOR SHOWN TO PROVIDE CLARITY ONLY)</small>	UTILITY POLE
EXISTING GAS PIPELINE	EDGE OF GRAVEL	<b>NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&amp;S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 10).</b>	
OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT	PERMANENT WATERBAR/SLOPE BREAKER	TEMPORARY WATERBAR/SLOPE BREAKER
ACCESS ROAD	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	TRENCH BREAKER/PLUG	STREAM CROSSING
PROPOSED GAS PIPELINE		USFWS STREAM CROSSING WITH ENVIRONMENTAL CONTROLS	CONSTRUCTION ENTRANCE WITH DITCH
		CULVERT/WATERBAR	

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.
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REVISIONS	
NO.	DATE

**36" AP-2 PIPELINE**  
CONSTRUCTION ALIGNMENT STA 2169+00 TO 2213+00

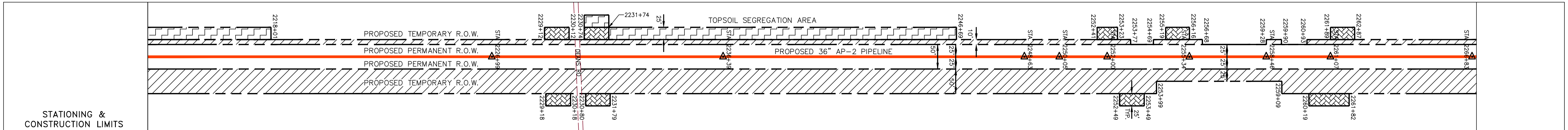
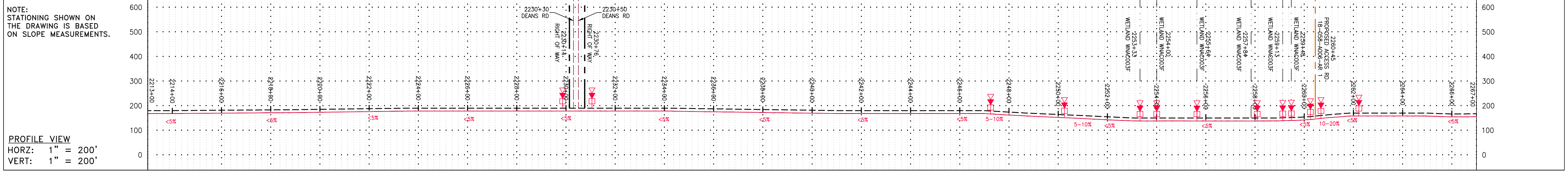
NASH COUNTY, NORTH CAROLINA

**ATLANTIC COAST PIPELINE, LLC**  
C/O DOMINION TRANSMISSION, INC.  
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

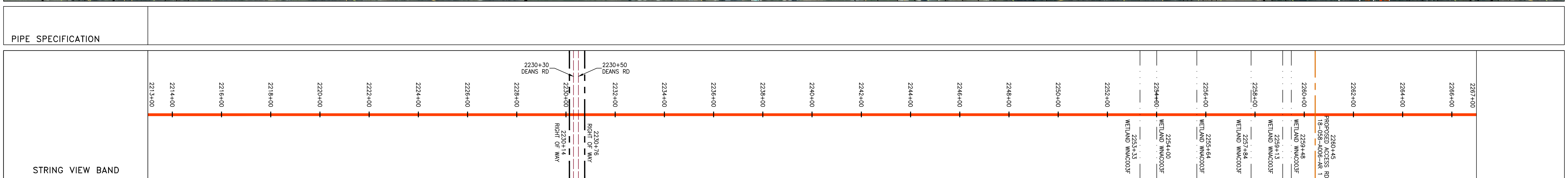
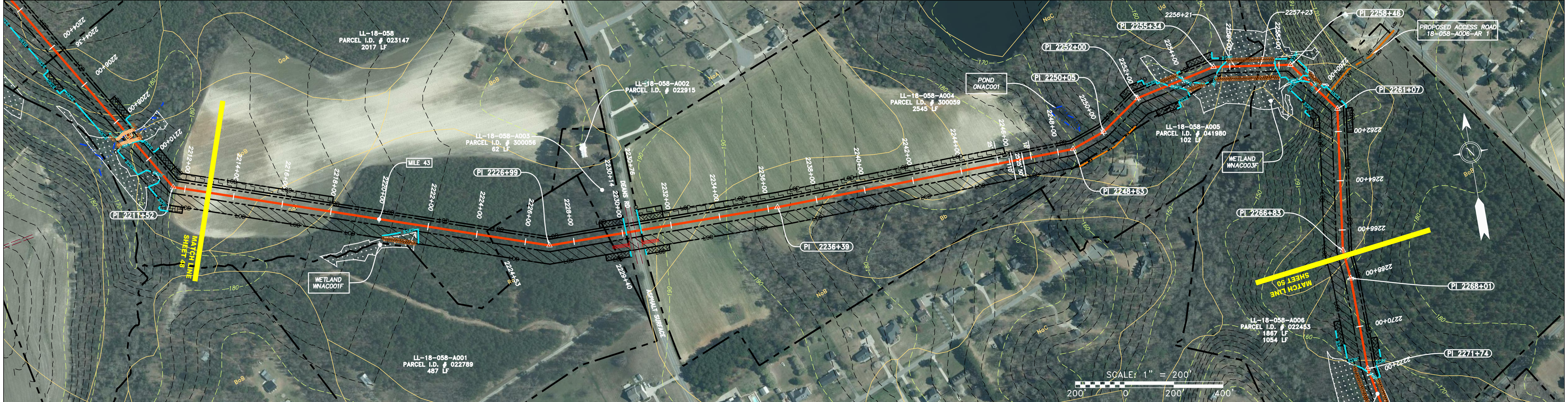
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DATE:	06/09/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

gai consultants - NC, inc.  
4198 COX ROAD  
SUITE 114  
GLEN ALLEN, VA 23060  
804-270-9357  
N.C. COL #0-0269

PROJECT NO./DASH NO.	C140468	
TASK NO.	005	00
GROUP ID	D	E048
18 OF 189		



PROPERTY OWNERSHIP	STATIONING & CONSTRUCTION LIMITS
LL-18-058 PARCEL I.D. # 023147 2017 LF	2213+00 to 2224+35
LL-18-058-A001 PARCEL I.D. # 022789 487 LF	2224+35 to 2230+14
LL-18-058-A003 PARCEL I.D. # 300056 82 LF	2230+14 to 2244+00
LL-18-058-A004 PARCEL I.D. # 300059 2545 LF	2244+00 to 2257+23
LL-18-058-A005 PARCEL I.D. # 041980 102 LF	2257+23 to 2260+19
LL-18-058-A006 PARCEL I.D. # 022453 1867 LF	2260+19 to 2275+00



**LEGEND**

— X — X —	PROPERTY LINE	— E —	UNDERGROUND ELECTRIC	▨	EXTRA WORK SPACE	▨	TOPSOIL SEGREGATION AREA	▨	PROPOSED TEMPORARY R.O.W.	▨	UTILITY POLE
— W —	STREAM	— W —	WATER LINE	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.	▨	UTILITY POLE	▨	UTILITY POLE
— G —	EXISTING GAS PIPELINE	— SAN —	SANITARY SEWER	▨	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	▨	PROPOSED TEMPORARY R.O.W.	▨	UTILITY POLE	▨	UTILITY POLE
— OH —	OVERHEAD UTILITY LINES	—	EDGE OF GRAVEL	▨	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	▨	PROPOSED TEMPORARY R.O.W.	▨	UTILITY POLE	▨	UTILITY POLE
—	ACCESS ROAD	—	PROPOSED PERMANENT EASEMENT	▨	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	▨	PROPOSED TEMPORARY R.O.W.	▨	UTILITY POLE	▨	UTILITY POLE
—	PROPOSED GAS PIPELINE	—	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	▨	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	▨	PROPOSED TEMPORARY R.O.W.	▨	UTILITY POLE	▨	UTILITY POLE

**NOTES:**

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REVISIONS		DESCRIPTION
NO.	DATE	DWN.
CHKD.	APPD.	

**PROJECT NO./DASH NO.**  
C140468

**TASK NO. SUB TASK NO.**  
005 00

**GROUP ID DRAWING NO.**  
D E049

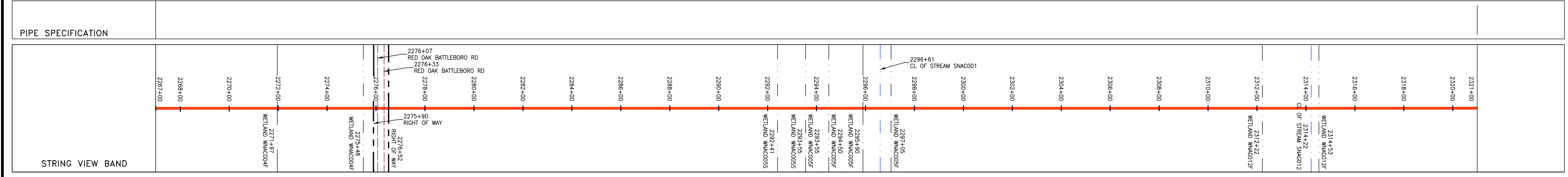
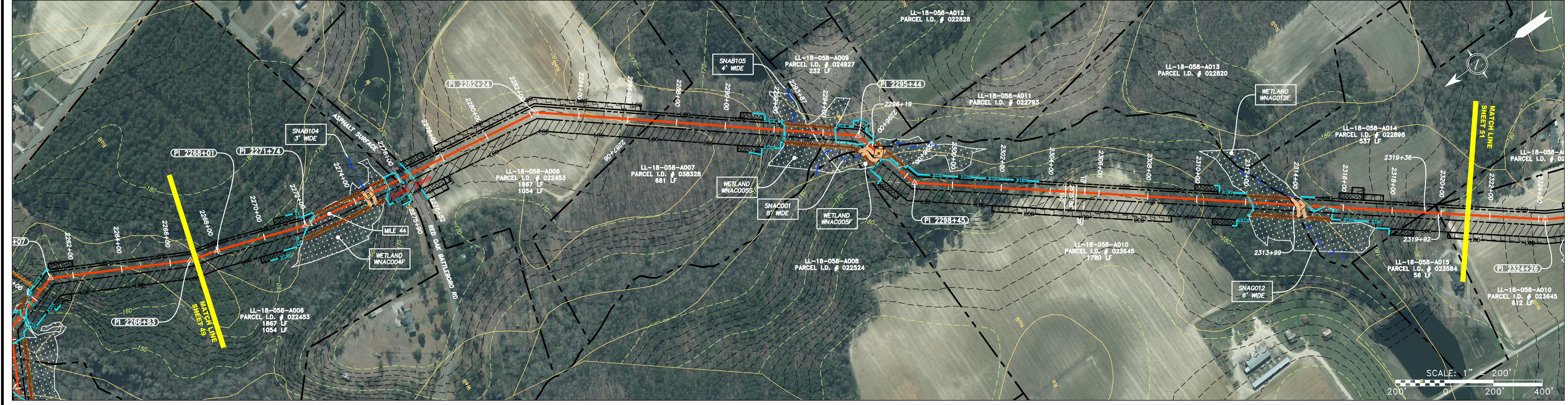
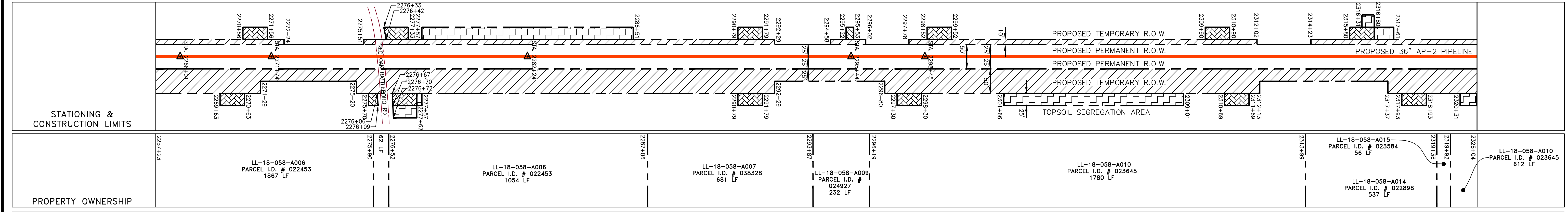
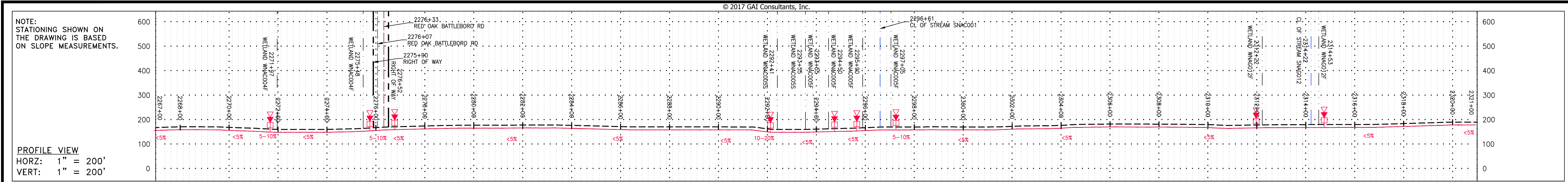
**49 OF 189**

**ATLANTIC COAST PIPELINE, LLC**  
C/O DOMINION TRANSMISSION, INC.  
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

**SCALE: AS SHOWN**  
**DATE: 06/09/17**  
**DRAWN: GPT**  
**CHECKED: DLH**  
**APPROVED: NET**

gai consultants - NC, inc.  
4198 COX ROAD  
SUITE 114  
GLEN ALLEN, VA 23060  
804-270-9357  
N.C. COL #0269

GAI CAD FILE NO. \ITG-FS\THRASHER\_050-5159 - GAI, INC. - SERP - THRASHER - MAPPING SURVEY DRAWING SEC 9 PLAN SHEETS SEC 9 SHEETS 48-53 (41-44) REROUTE.DWG



**LEGEND**

PROPERTY LINE	STORM SEWER	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA	LOD	LIMIT OF DISTURBANCE
FENCE	UNDERGROUND ELECTRIC	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.	BSRF	BELTED SILT RETENTION FENCE (BSRF)
STREAM	WATER LINE	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	UTILITY POLE	COIR LOG	COMPOST FILTER SOCK
EXISTING GAS PIPELINE	SANITARY SEWER	EDGE OF GRAVEL	WETLAND	ORANGE SAFETY FENCE	ROADSIDE DITCH
OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT	PROPOSED GAS PIPELINE	WETLAND	CONSTRUCTION ENTRANCE WITH DITCH	SOIL TYPE
ACCESS ROAD	PROPOSED GAS PIPELINE (NO GROUND SURVEY)			CULVERT/WATERBAR	

NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 10).

**NOTES:**

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REVISIONS		DESCRIPTION
NO.	DATE	DWN.
CHKD.	APPD.	

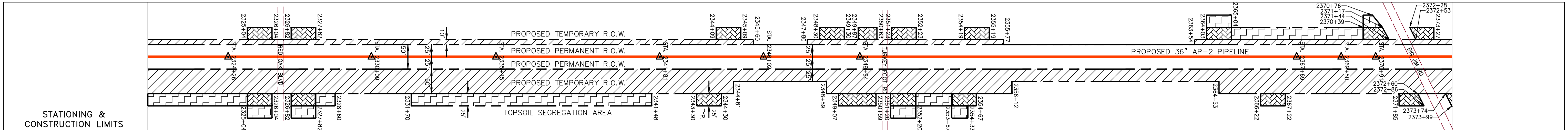
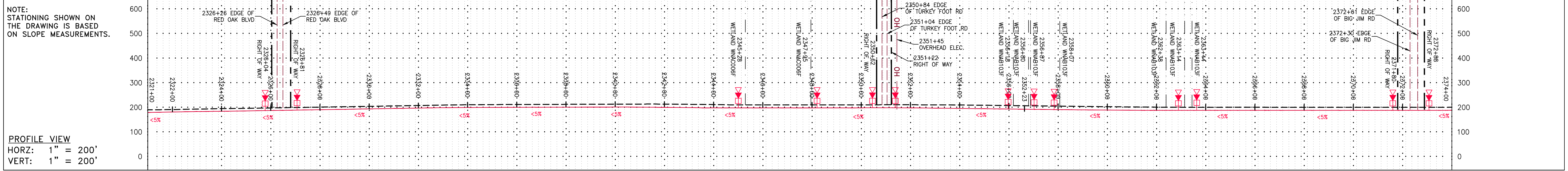
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**C140468**

TASK NO. SUB TASK NO.  
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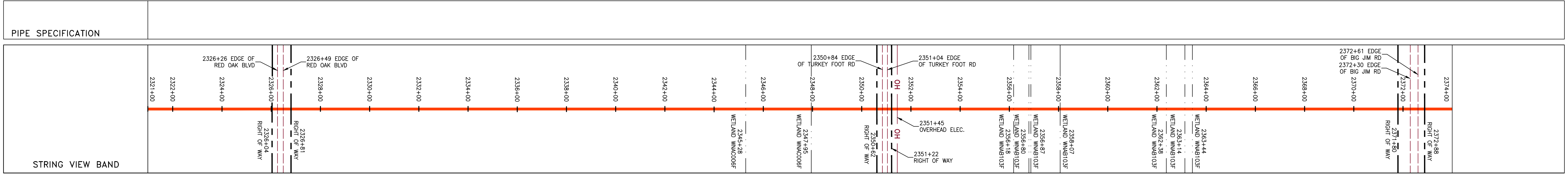
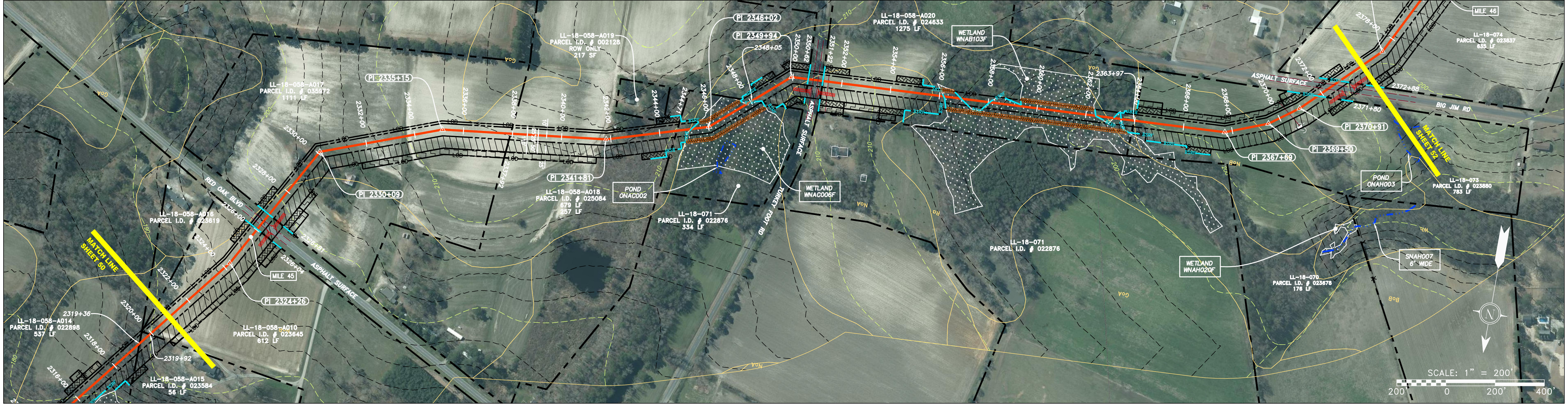
GROUP ID DRAWING NO.  
**D E050**

50 OF 189

gai consultants - NC, inc.  
 4198 COX ROAD  
 SUITE 114  
 GLEN ALLEN, VA 23060  
 804-270-9357  
 N.C. COL #02-069



PROPERTY OWNERSHIP
LL-18-058-A010 PARCEL I.D. # 023645 612 LF
LL-18-058-A017 PARCEL I.D. # 035972 1111 LF
LL-18-058-A018 PARCEL I.D. # 025084 679 LF
LL-18-058-A019 PARCEL I.D. # 002128 ROW ONLY 217 SF
LL-18-071 PARCEL I.D. # 022876 334 LF
LL-18-058-A018 PARCEL I.D. # 025084 257 LF
LL-18-058-A020 PARCEL I.D. # 024633 1275 LF
LL-18-073 PARCEL I.D. # 023880 783 LF
LL-18-074 PARCEL I.D. # 023837 635 LF



### LEGEND

PROPERTY LINE	STORM SEWER	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA
FENCE	UNDERGROUND ELECTRIC	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.
STREAM	WATER LINE	WETLAND <small>(COLOR SHOWN TO PROVIDE CLARITY ONLY)</small>	UTILITY POLE
EXISTING GAS PIPELINE	SANITARY SEWER	LIMIT OF DISTURBANCE	BELTED SILT RETENTION FENCE (BSRF)
OVERHEAD UTILITY LINES	EDGE OF GRAVEL	STREAM CROSSING	COIR LOG
ACCESS ROAD	PROPOSED PERMANENT EASEMENT	USFS STREAM CROSSING WITH ENHANCED CONTROLS	COMPOST FILTER SOCK
PROPOSED GAS PIPELINE	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	CONSTRUCTION ENTRANCE WITH DITCH	ROADSIDE DITCH
		CULVERT/WATERBAR	SOIL TYPE

**NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 10).**

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NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION

**ATLANTIC COAST PIPELINE, LLC**  
C/O DOMINION TRANSMISSION, INC.  
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

**36" AP-2 PIPELINE**  
CONSTRUCTION ALIGNMENT STA 2321+00 TO 2374+00  
NASH COUNTY, NORTH CAROLINA

SCALE: AS SHOWN  
DATE: 06/09/17  
DRAWN: GPT  
CHECKED: DLH  
APPROVED: NET

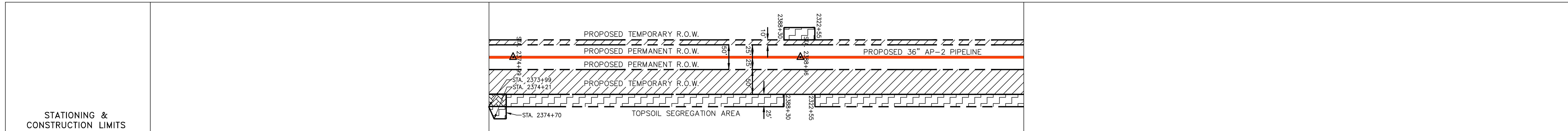
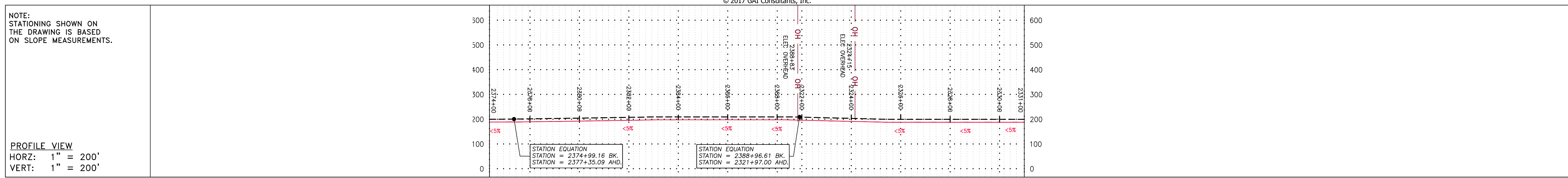
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**C140468**

TASK NO. SUB TASK NO.  
**005 00**

GROUP ID DRAWING NO.  
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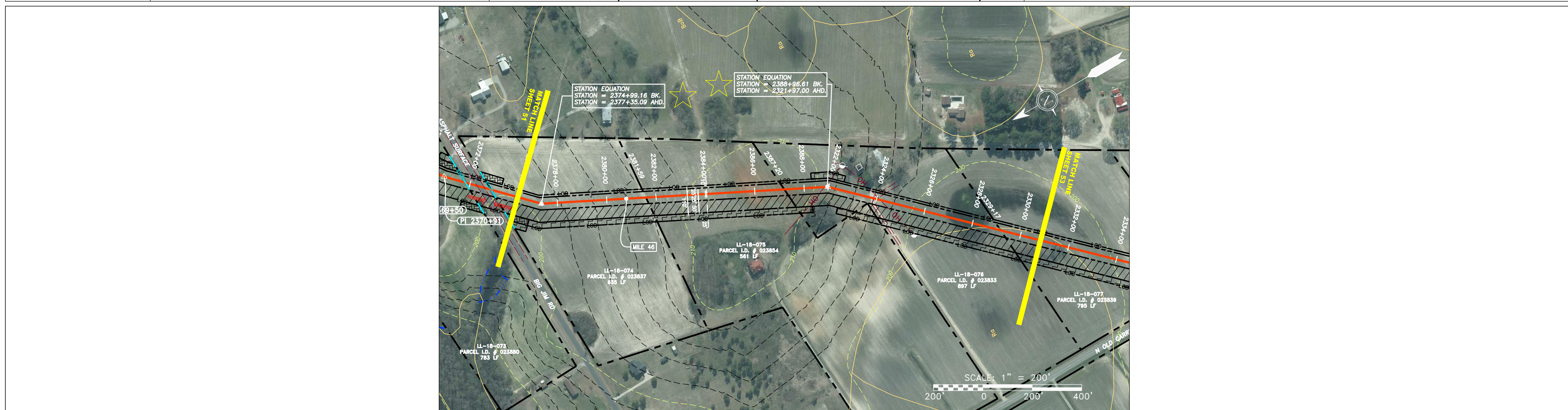
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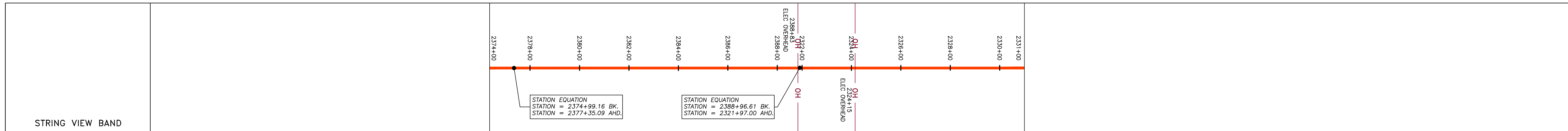


PROPERTY OWNERSHIP

2374+88	2374+99	2387+20	2329+17	2337+12
LL-18-074 PARCEL I.D. # 023837 635 LF	LL-18-075 PARCEL I.D. # 023854 561 LF	LL-18-076 PARCEL I.D. # 023833 897 LF	LL-18-077 PARCEL I.D. # 023839 795 LF	



PIPE SPECIFICATION



**LEGEND**

PROPERTY LINE	STORM SEWER	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA	PERMANENT WATERBAR/SLOPE BREAKER	LIMIT OF DISTURBANCE
FENCE	UNDERGROUND ELECTRIC	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.	TEMPORARY WATERBAR/SLOPE BREAKER	BELTED SILT RETENTION FENCE (BSRF)
STREAM	WATER LINE	WETLAND <small>(COLOR SHOWN TO PROVIDE CLARITY ONLY)</small>	UTILITY POLE	TRENCH BREAKER/PLUG	COIR LOG
EXISTING GAS PIPELINE	SANITARY SEWER			STREAM CROSSING	COMPOSITE FILTER SOCK
OVERHEAD UTILITY LINES	EDGE OF GRAVEL			USFWS STREAM CROSSING WITH ENHANCED CONTROLS	ORANGE SAFETY FENCE
ACCESS ROAD	PROPOSED PERMANENT EASEMENT			CONSTRUCTION ENTRANCE WITH DITCH	ROADSIDE DITCH
PROPOSED GAS PIPELINE	PROPOSED GAS PIPELINE (NO GROUND SURVEY)			CULVERT/WATERBAR	SOIL TYPE

**NOTES:**

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REVISIONS

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

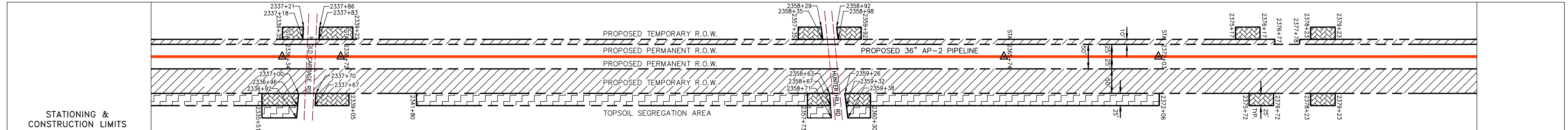
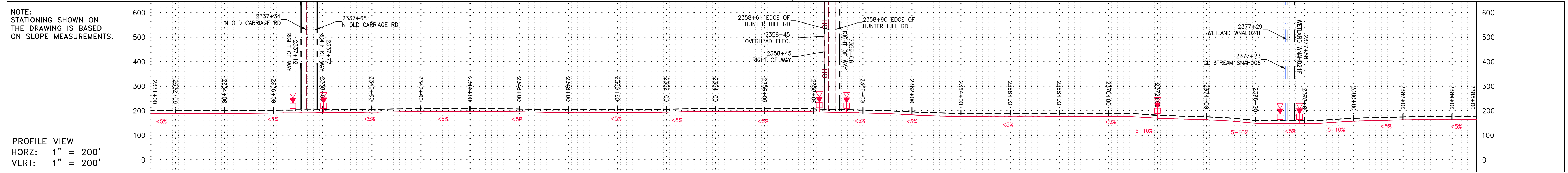
36" AP-2 PIPELINE  
CONSTRUCTION ALIGNMENT STA 2374+00 TO 2331+00  
NASH COUNTY, NORTH CAROLINA  
ATLANTIC COAST PIPELINE, LLC  
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APPROVED: NET

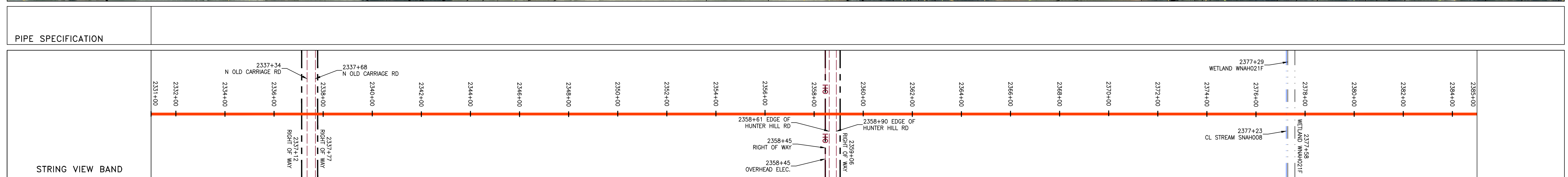
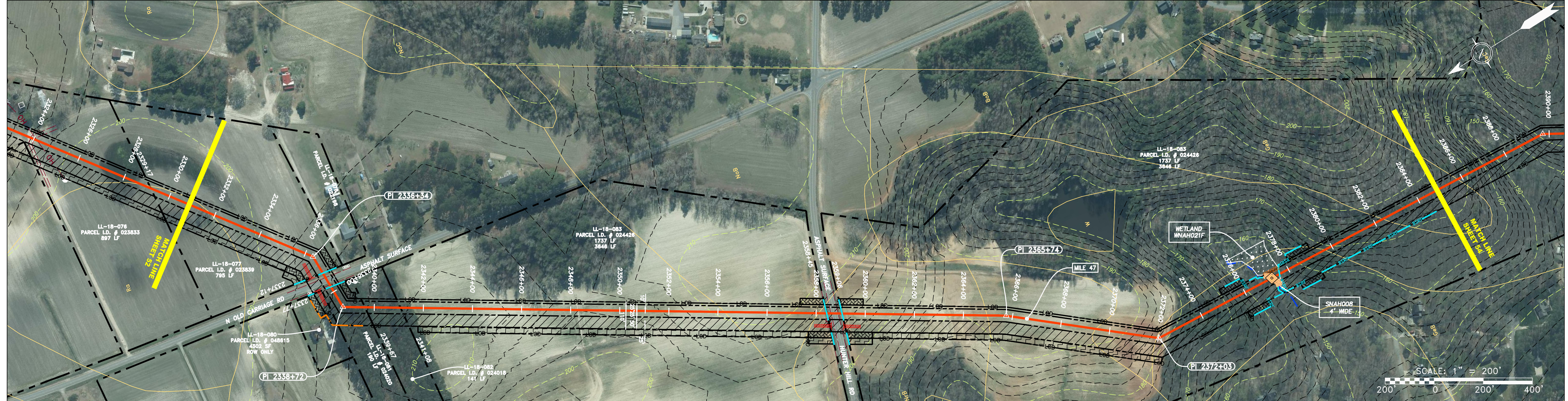
gai consultants - NC, inc.  
4198 COX ROAD  
SUITE 114  
GLEN ALLEN, VA 23060  
804-270-9357  
N.C. COL. #P-0269

PROJECT NO./DASH NO.  
**C140468**

TASK NO.	SUB TASK NO.
005	00
GROUP ID	DRAWING NO.
D	E052
52	OF 189



PROPERTY OWNERSHIP	STATIONING & CONSTRUCTION LIMITS
LL-18-080 PARCEL I.D. # 048615 4302 SF ROW ONLY	PROPOSED TEMPORARY R.O.W. PROPOSED PERMANENT R.O.W. PROPOSED PERMANENT R.O.W. PROPOSED TEMPORARY R.O.W. TOPSOIL SEGREGATION AREA
LL-18-077 PARCEL I.D. #023839 795 LF	
LL-18-081 PARCEL I.D. #024018 190 LF	PROPOSED TEMPORARY R.O.W. PROPOSED PERMANENT R.O.W. PROPOSED PERMANENT R.O.W. PROPOSED TEMPORARY R.O.W. TOPSOIL SEGREGATION AREA
LL-18-082 PARCEL I.D. #024426 1737 LF	
LL-18-083 PARCEL I.D. #024426 1737 LF	PROPOSED TEMPORARY R.O.W. PROPOSED PERMANENT R.O.W. PROPOSED PERMANENT R.O.W. PROPOSED TEMPORARY R.O.W. TOPSOIL SEGREGATION AREA
LL-18-083 PARCEL I.D. #024426 3646 LF	



### LEGEND

PROPERTY LINE	UNDERGROUND ELECTRIC	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA	PERMANENT WATERBAR/SLOPE BREAKER	LIMIT OF DISTURBANCE
FENCE	WATER LINE	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.	TEMPORARY WATERBAR/SLOPE BREAKER	BELTED SILT RETENTION FENCE (BSRF)
STREAM	SANITARY SEWER	WETLAND <small>(COLOR SHOWN TO PROVIDE CLARITY ONLY)</small>	UTILITY POLE	TRENCH BREAKER/PLUG	COIR LOG
EXISTING GAS PIPELINE	EDGE OF GRAVEL			STREAM CROSSING	COMPOST FILTER SOCK
OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT			USFWS STREAM CROSSING WITH ENHANCED CONTROLS	ORANGE SAFETY FENCE
ACCESS ROAD	PROPOSED GAS PIPELINE (NO GROUND SURVEY)			CONSTRUCTION ENTRANCE WITH DITCH	ROADSIDE DITCH
PROPOSED GAS PIPELINE				CULVERT/ WATERBAR	SOIL TYPE

NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 10).

### NOTES:

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC FROM 11-03-2014 THRU 11-07-2014.
- IMAGERY TAKEN FROM GOOGLE EARTH.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.
- EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.
- SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
- ACCESS ROADS HAVE BEEN GROUPED INTO FOUR CATEGORIES - 1) EXISTING ROADS NO IMPROVEMENTS, 2) EXISTING ROADS MINOR IMPROVEMENTS, 3) EXISTING ROADS MAJOR IMPROVEMENTS AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENT CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4.
- ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BMPs AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE NOTES SECTION OF THE INDEX SHEET OF THIS PLAN SET.

REVISIONS	
NO.	DATE

**ATLANTIC COAST PIPELINE, LLC**  
 C/O DOMINION TRANSMISSION, INC.  
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

SCALE:	AS SHOWN
DATE:	06/09/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

gai consultants - NC, inc.  
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