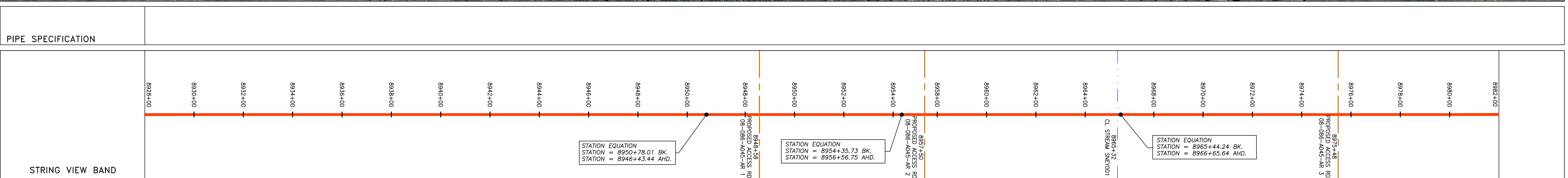
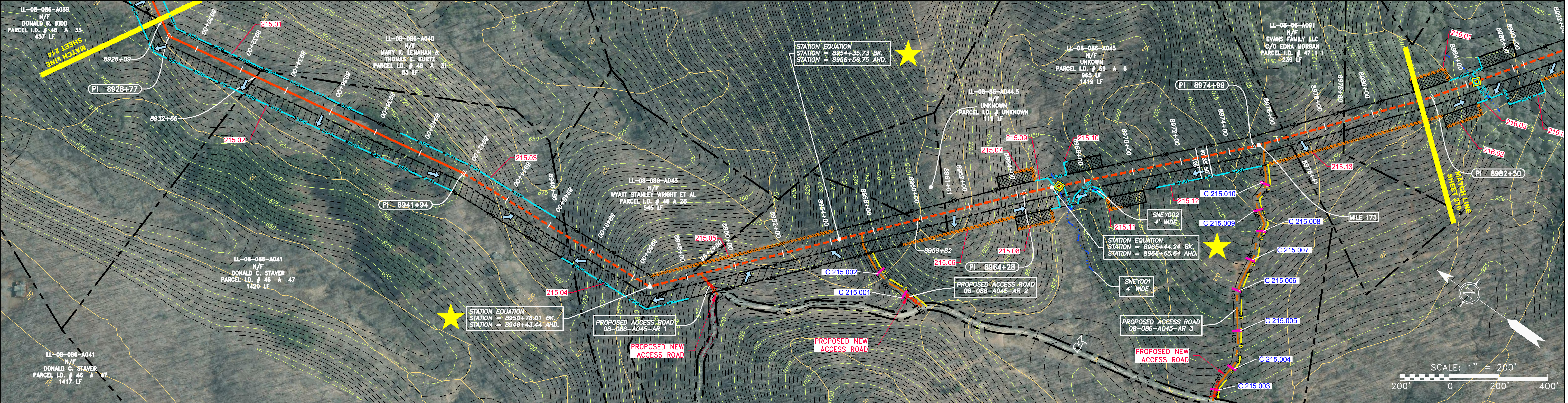


STATIONING & CONSTRUCTION LIMITS	PROPERTY OWNERSHIP
8928+00	LL-08-086-A040 N/F MARY K. LENAHAN & THOMAS L. KURTZ PARCEL I.D. # 46 A 31 83 LF
8928+00	LL-08-086-A039 N/F DONALD R. KIDD PARCEL I.D. # 46 A 33 457 LF
8932+66	LL-08-086-A041 N/F DONALD C. STAVAR PARCEL I.D. # 46 A 47 1420 LF
8934+00	LL-08-086-A041 N/F DONALD C. STAVAR PARCEL I.D. # 46 A 47 1417 LF
8941+94	LL-08-086-A041 N/F DONALD C. STAVAR PARCEL I.D. # 46 A 47 1420 LF
8944+00	LL-08-086-A043 N/F WYATT STANLEY WRIGHT ET AL PARCEL I.D. # 46 A 28 545 LF
8946+00	LL-08-086-A043 N/F WYATT STANLEY WRIGHT ET AL PARCEL I.D. # 46 A 28 545 LF
8954+00	LL-08-086-A045 N/F UNKNOWN PARCEL I.D. # 59 A 6 965 LF
8956+00	LL-08-086-A044.5 N/F UNKNOWN PARCEL I.D. # UNKNOWN 119 LF
8964+00	LL-08-086-A045 N/F UNKNOWN PARCEL I.D. # 59 A 6 1419 LF
8972+00	LL-08-086-A091 N/F EVANS FAMILY LLC C/O EDNA MORGAN PARCEL I.D. # 47 1 1 239 LF
8974+00	LL-08-086-A046 N/F JOHN L. HARRIS & WISTER W. & DORIS ALTONIA PARCEL I.D. # 59 A 6A 2716 LF



### LEGEND

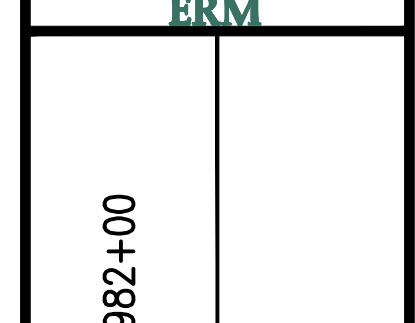
	PROPERTY LINE		STORM SEWER		EXTRA WORK SPACE
	FENCE		UNDERGROUND ELECTRIC		TOPSOIL SEGREGATION AREA
	STREAM		WATER LINE		AREA OF NO DISTURBANCE
	EXISTING GAS PIPELINE		SANITARY SEWER		PROPOSED TEMPORARY R.O.W.
	OVERHEAD UTILITY LINES		EDGE OF GRAVEL		UTILITY POLE
	ACCESS ROAD		PROPOSED PERMANENT EASEMENT		WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	PROPOSED GAS PIPELINE		PROPOSED GAS PIPELINE (NO GROUND SURVEY)	NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).	

	PERMANENT WATERBAR/SLOPE BREAKER		LIMIT OF DISTURBANCE
	TEMPORARY WATERBAR/SLOPE BREAKER		BELTED SILT RETENTION FENCE (BSRF)
	TRENCH BREAKER/PLUG		COMPOSITE FILTER SOCK
	STREAM CROSSING		SEDIMENT BARRIER IDENTIFICATION
	USFS STREAM CROSSING WITH ENHANCED CONTROLS		CULVERT IDENTIFICATION
	ORANGE SAFETY FENCE		ROADSIDE DITCH
	SLOPEWAY		SOIL TYPE
	CONSTRUCTION ENTRANCE WITH DITCH		TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION
	CULVERT WATERBAR		

### NOTES:

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, U.S. SURVEY FOOT, CENTRAL MERIDIAN 81° W. CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GIA CONSULTANTS, INC FROM 11-03-2014 THRU 11-07-2014.
- THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GIA CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.
- IMAGERY TAKEN FROM GOOGLE EARTH.
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- BEST IN CLASS (BIC) STEEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN.
- ALL STATIONING SHOWN IS SLOPE STATIONING.
- PI FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
- EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE OR GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES BAND.
- 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.
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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  
 NELSON COUNTY, VIRGINIA

SCALE:	AS SHOWN
DATE:	3/24/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

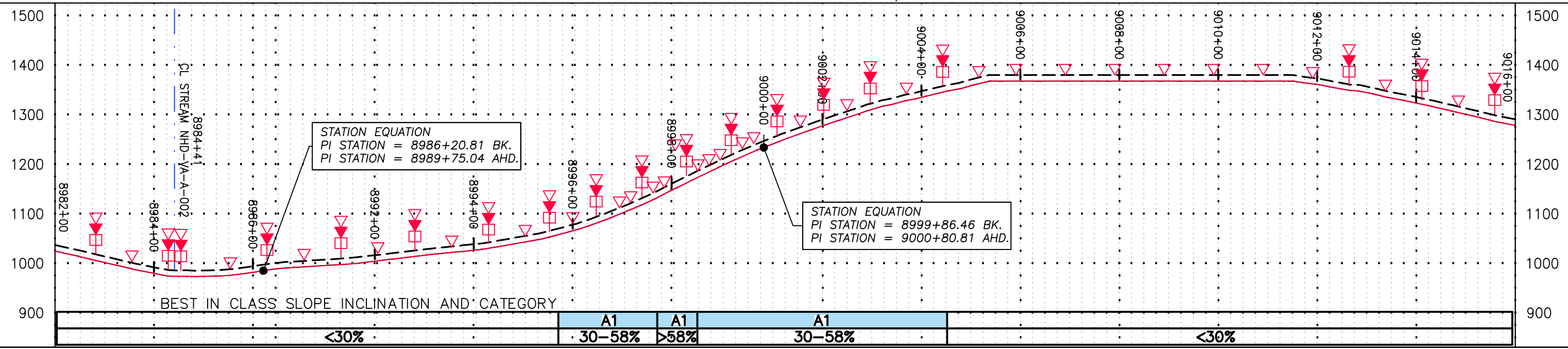


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TASK NO.	005	00
GROUP ID	D	E215
DRAWING NO.	215	
DATE	05 OF 344	

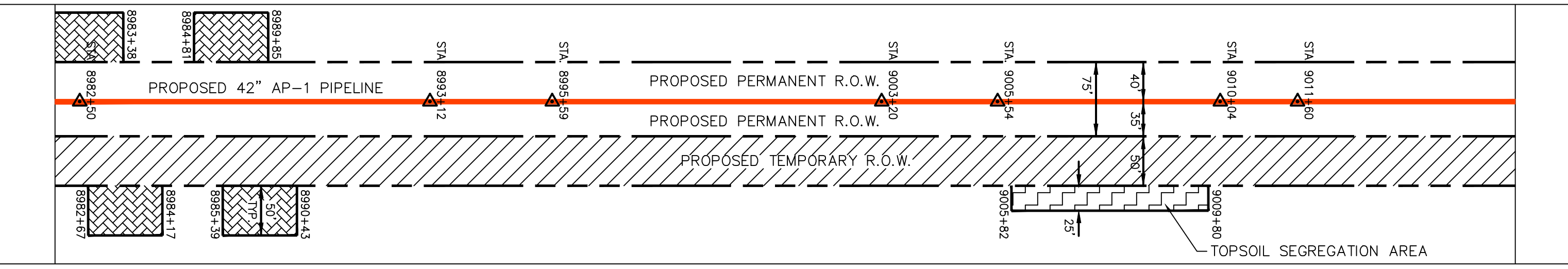
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NOTE:  
STATIONING SHOWN ON THE  
DRAWING IS BASED ON  
SLOPE MEASUREMENTS.

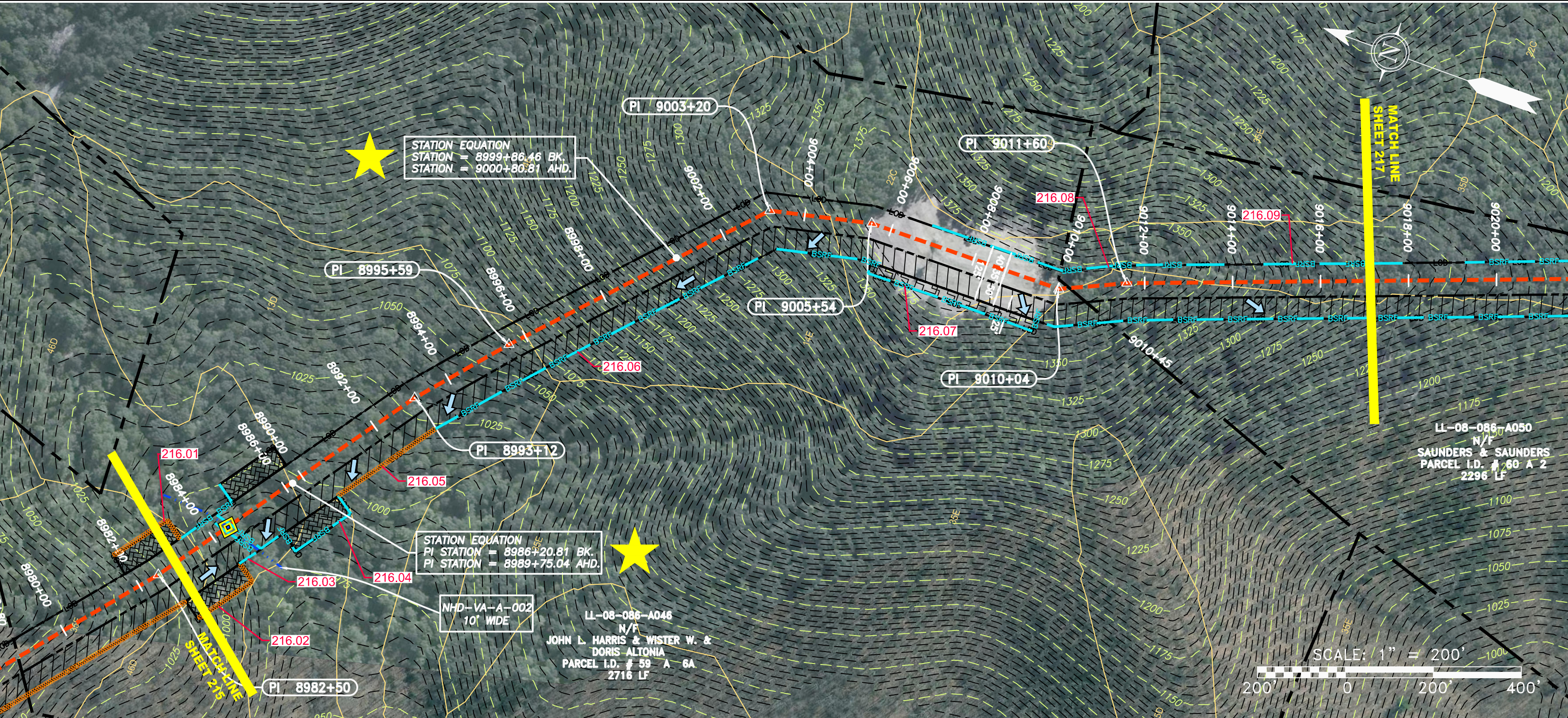
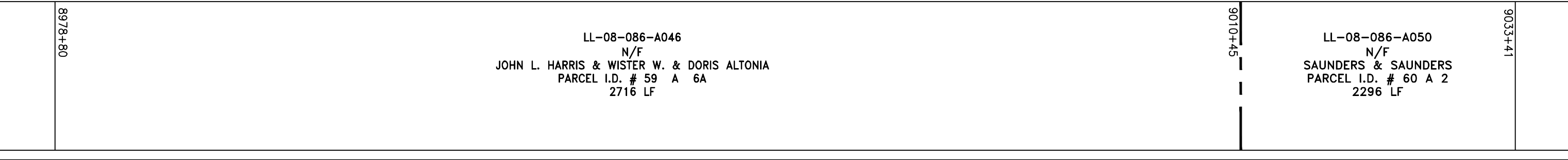
PROFILE VIEW  
HORZ: 1" = 200'  
VERT: 1" = 200'



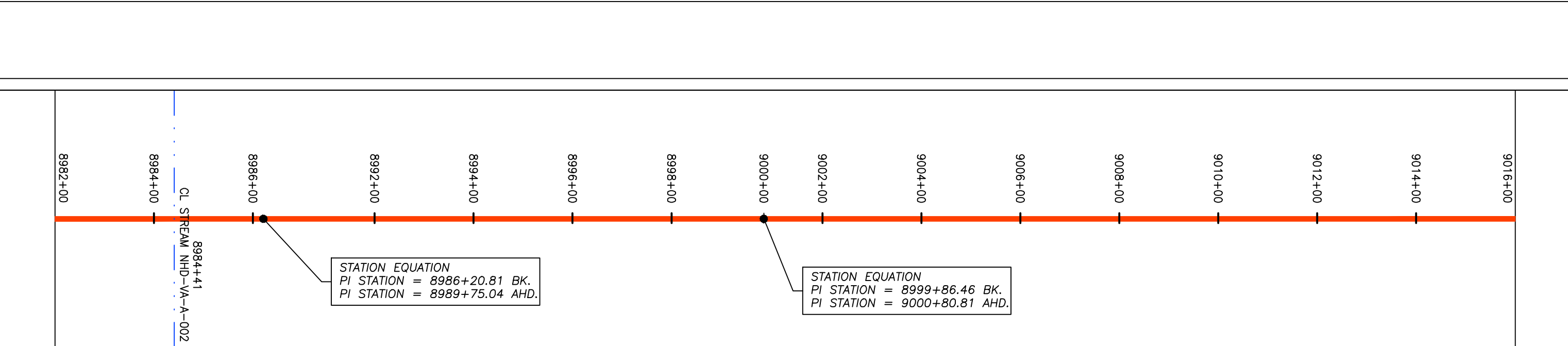
STATIONING &  
CONSTRUCTION LIMITS



PROPERTY OWNERSHIP



PIPE SPECIFICATION



LEGEND

- PROPERTY LINE
- FENCE
- STREAM
- EXISTING GAS PIPELINE
- OVERHEAD UTILITY LINES
- ACCESS ROAD
- PROPOSED GAS PIPELINE
- PROPOSED GAS PIPELINE (NO GROUND SURVEY)
- STORM SEWER
- UNDERGROUND ELECTRIC
- WATER LINE
- SANITARY SEWER
- EDGE OF GRAVEL
- PROPOSED PERMANENT EASEMENT
- PROPOSED PERMANENT EASEMENT
- EXTRA WORK SPACE
- TOPSOIL SEGREGATION AREA
- AREA OF NO DISTURBANCE
- WETLAND
- UTILITY POLE
- PERMANENT WATERBAR/SLOPE BREAKER
- TEMPORARY WATERBAR/SLOPE BREAKER
- TRENCH BREAKER/PLUG
- STREAM CROSSING
- USFWS STREAM CROSSING WITH ENHANCED CONTROLS
- SEEP
- CONSTRUCTION ENTRANCE WITH DITCH
- CULVERT AS NEEDED
- CULVERT WATERBAR
- LOD
- BSRF
- 111.03
- C 111.001
- SOIL TYPE
- TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION
- LIMIT OF DISTURBANCE
- BELTED SILT RETENTION FENCE (BSRF)
- COMPOST FILTER SOCK
- SEDIMENT BARRIER IDENTIFICATION
- CULVERT IDENTIFICATION
- ORANGE SAFETY FENCE
- ROADSIDE DITCH
- SLOPE DIRECTION

NOTES:

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NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).

THIS DRAWING WAS PRODUCED WITH COMPUTER AIDED DRAFTING TECHNOLOGY AND IS SUPPORTED BY ELECTRONIC DRAWING FILES. DO NOT REVISE THIS DRAWING VIA MANUAL DRAFTING METHODS.

APPROVED: NET

PROJECT NO./DASH NO.  
140468

TASK NO. SUB TASK NO.  
005 00

GROUP ID DRAWING NO.  
D E216

216 OF 344

SCALE: AS SHOWN  
DATE: 3/24/17  
DRAWN: GPT  
CHECKED: DLH  
APPROVED: NET

42" AP-1 PIPELINE  
CONSTRUCTION ALIGNMENT STA 8982+00 TO 9016+00  
NELSON COUNTY, VIRGINIA

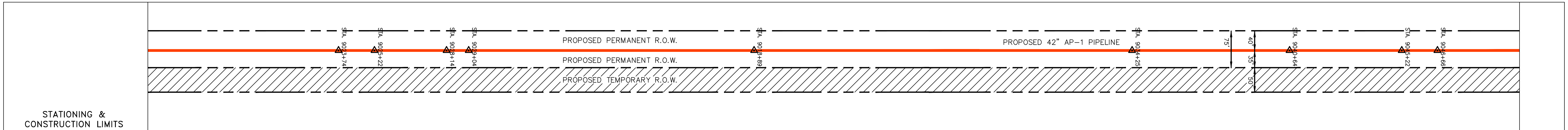
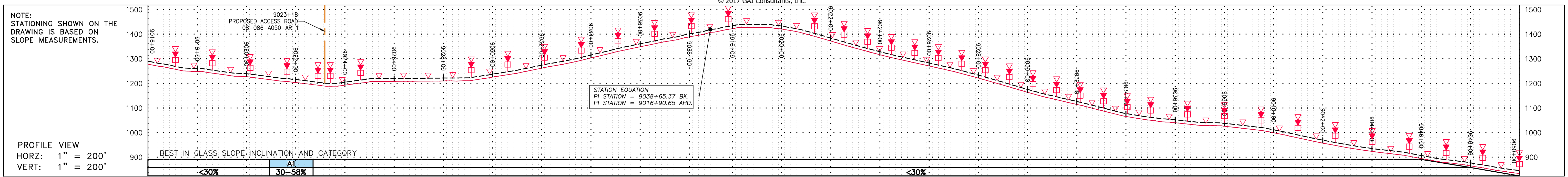
ATLANTIC COAST PIPELINE, LLC  
C/O DOMINION TRANSMISSION, INC.  
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

ERM

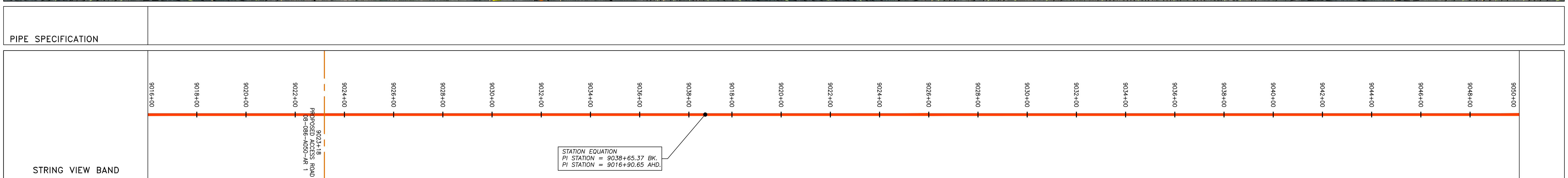
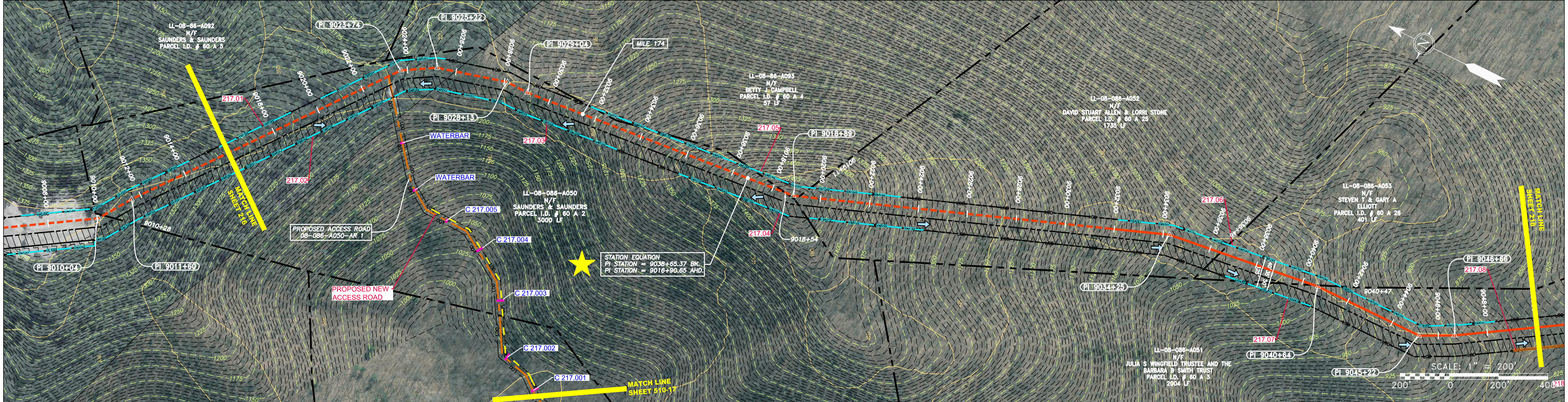
PROFESSIONAL ENGINEER  
DANIEL R. GOLDSTEIN  
Lic. No. 047436

REVISIONS

GAI CAD FILE NO. \NTG-FS1\THRASHER\050-5159 - GIA, INC. - GAI - THRASHER - SERP - MAPPING\SURVEY\DRAWING\SEC 4\BACKUP\SEC 4 SHEETS - 217-222 (11-16) REROUTE 4-25-16.DWG



STATIONING & CONSTRUCTION LIMITS	PROPERTY OWNERSHIP
90+00.00	LL-08-086-A050 N/F SAUNDERS & SAUNDERS PARCEL I.D. # 60 A 2 3000 LF
90+20.00	LL-08-086-A093 N/F BETTY J CAMPBELL PARCEL I.D. # 60 A 4 57 LF
90+40.00	LL-08-086-A052 N/F DAVID STUART ALLEN & LORRI STONE PARCEL I.D. # 60 A 25 1735 LF
90+60.00	LL-08-086-A053 N/F STEVEN F & GARY A ELLIOTT PARCEL I.D. # 60 A 26 401 LF
90+80.00	LL-08-086-A051 N/F JULIA S WINGFIELD TRUSTEE & THE BARBARA B SMITH TRUST PARCEL I.D. # 60 A 3 1979 LF



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	ACCESS ROAD
	PROPOSED GAS PIPELINE
	STORM SEWER
	UNDERGROUND ELECTRIC
	WATER LINE
	SANITARY SEWER
	EDGE OF GRAVEL
	PROPOSED PERMANENT EASEMENT
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
	EXTRA WORK SPACE
	AREA OF NO DISTURBANCE
	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	TOPSOIL SEGREGATION AREA
	PROPOSED TEMPORARY R.O.W.
	UTILITY POLE
	PERMANENT WATERBAR/SLOPE BREAKER
	TEMPORARY WATERBAR/SLOPE BREAKER
	TRENCH BREAKER/PLUG
	STREAM CROSSING
	USFS STREAM CROSSING WITH ENHANCED CONTROLS
	SEEP
	SLOPE DIRECTION
	CONSTRUCTION ENTRANCE WITH DITCH
	CULVERT AS NEEDED
	CULVERT WATERBAR
	LOD
	BSRF
	SEDIMENT BARRIER IDENTIFICATION
	ROADSIDE DITCH
	SOIL TYPE
	TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION

**NOTES:**

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REVISIONS					
NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

**Daniel R. Goldstein**  
 PROFESSIONAL ENGINEER

**ERM**

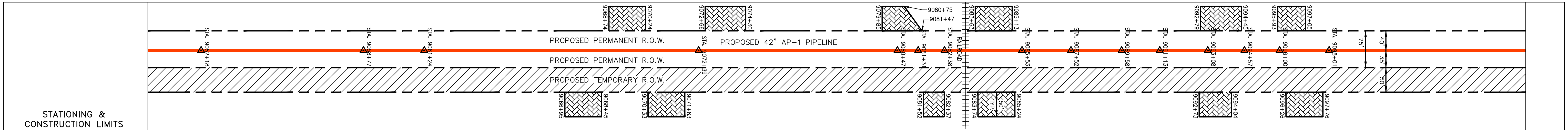
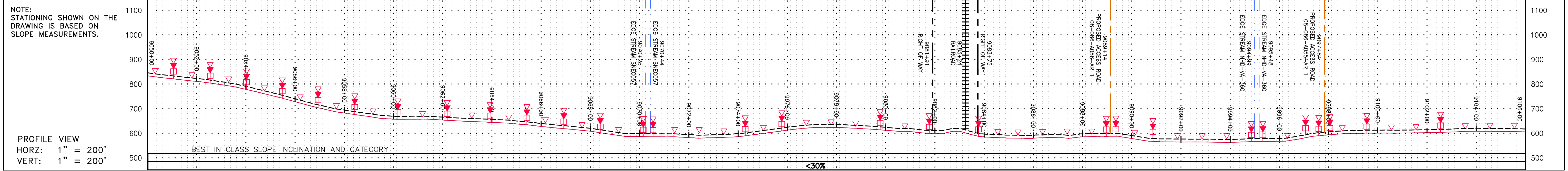
**ATLANTIC COAST PIPELINE, LLC**  
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 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

**CONSTRUCTION ALIGNMENT STA 9016+00 TO 9050+00**  
 NELSON COUNTY, VIRGINIA

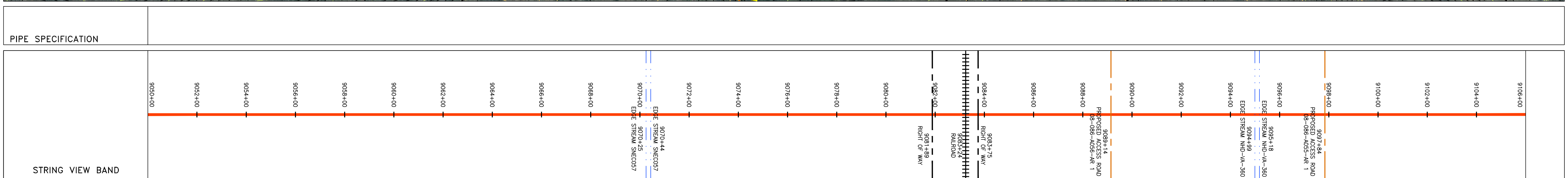
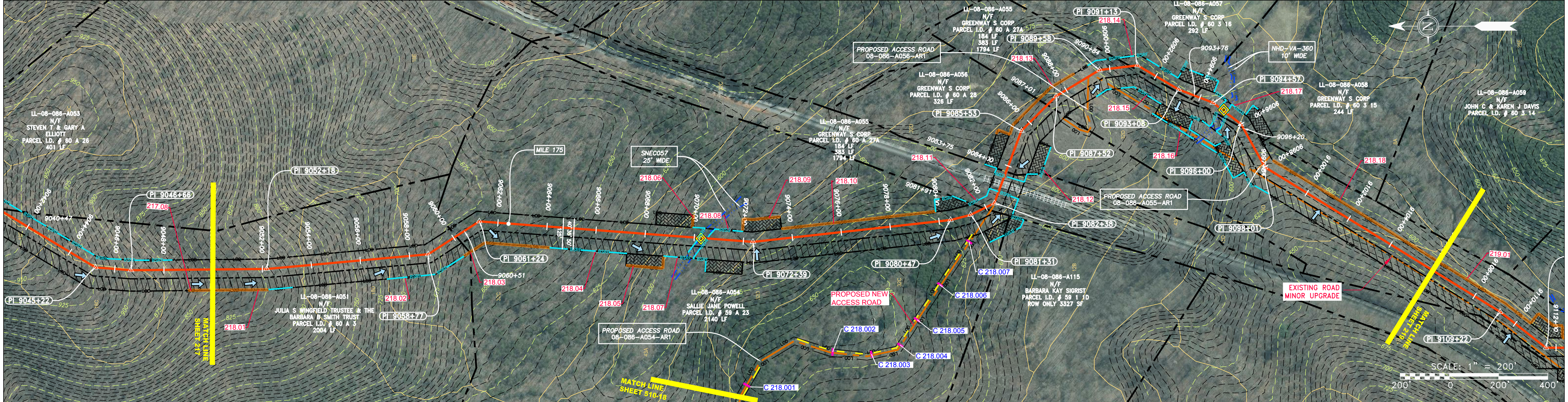
**42" AP-1 PIPELINE**  
**AS SHOWN**  
 DATE: 3/24/17  
 DRAWN: GPT  
 CHECKED: DLH  
 APPROVED: NET

**gai consultants**  
 SOUTHPOINTE OFFICE  
 6000 TOWN CENTER BLDG.  
 CANONSBURG, PA 15317  
 724-873-3545

PROJECT NO./DASH NO. **140468**  
 TASK NO. SUB TASK NO. **005 00**  
 GROUP ID DRAWING NO. **D E217**  
 217 OF 344



STATIONING	PROPERTY OWNERSHIP
9050+72	LL-08-086-A051 N/F JULIA S WINGFIELD TRUSTEE & THE BARBARA B SMITH TRUST PARCEL I.D. # 60 A 3 2004 LF
9060+35	LL-08-086-A054 N/F SALLIE JANE POWELL PARCEL I.D. # 59 A 23 2140 LF
9070+11	LL-08-086-A055 N/F BARBARA KAY SIGRIST PARCEL I.D. # 59 1 1D ROW ONLY 3327 SF
9070+11	LL-08-086-A055 N/F GREENWAY S CORP PARCEL I.D. # 60 A 28 184 LF
9070+11	LL-08-086-A056 N/F GREENWAY S CORP PARCEL I.D. # 60 A 28 328 LF
9070+11	LL-08-086-A055 N/F GREENWAY S CORP PARCEL I.D. # 60 A 27A 383 LF
9070+11	LL-08-086-A057 N/F GREENWAY S CORP PARCEL I.D. # 60 3 16 292 LF
9070+11	LL-08-086-A058 N/F GREENWAY S CORP PARCEL I.D. # 60 3 15 244 LF
9114+14	LL-08-086-A055 N/F GREENWAY S CORP PARCEL I.D. # 60 A 27A 1794 LF



**LEGEND**

— X — X —	PROPERTY LINE	— E —	STORM SEWER	[Hatched Box]	EXTRA WORK SPACE	— LOD —	LIMIT OF DISTURBANCE
— X — X —	FENCE	— W —	UNDERGROUND ELECTRIC	[Dotted Box]	TOPSOIL SEGREGATION AREA	— BSRF —	BELTED SILT RETENTION FENCE (BSRF)
— G — G —	STREAM	— SAN —	WATER LINE	[Cross-hatched Box]	PROPOSED TEMPORARY R.O.W.	— C 111.01 —	COMPOST FILTER SOCK
— G — G —	EXISTING GAS PIPELINE	— SAN —	SANITARY SEWER	[Green Box]	AREA OF NO DISTURBANCE	— C 111.001 —	SEDIMENT BARRIER IDENTIFICATION
— OH —	OVERHEAD UTILITY LINES	— EDGE OF GRAVEL —	EDGE OF GRAVEL	[Blue Box]	WETLAND	— C 111.002 —	CULVERT IDENTIFICATION
— OH —	ACCESS ROAD	— PROPOSED PERMANENT EASEMENT —	PROPOSED PERMANENT EASEMENT	[Green Box]	UTILITY POLE	— C 111.003 —	ORANGE SAFETY FENCE
— OH —	PROPOSED GAS PIPELINE	— PROPOSED GAS PIPELINE (NO GROUND SURVEY) —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	[Green Box]	NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DRAWING COMPLETED BY ERM (SEE NOTE 12).	— C 111.004 —	ROADSIDE DITCH

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- BEST IN CLASS (BIC) STEEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN.
- EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPE BAND.
- 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.
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- THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.5 FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, VEGETATION, AND MAINTENANCE PLAN, SECTION V.5. IN ADDITION, WETLAND AND WATERBODY CROSSINGS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH NATIONWIDE PERMIT 12 (NWP) ISSUED BY THE U.S. CORPS OF ENGINEERS.

**REVISIONS**

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

**PROFESSIONAL ENGINEER**  
DANIEL R. GOLDSTEIN  
Lic. No. 047436

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

**CONSTRUCTION ALIGNMENT STA 9050+00 TO 9106+00**

SCALE: AS SHOWN  
DATE: 3/24/17  
DRAWN: GPT  
CHECKED: DLH  
APPROVED: NET

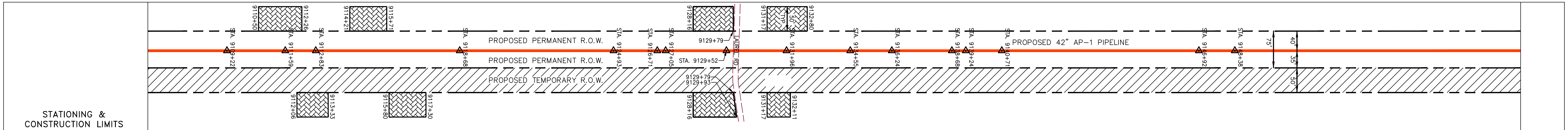
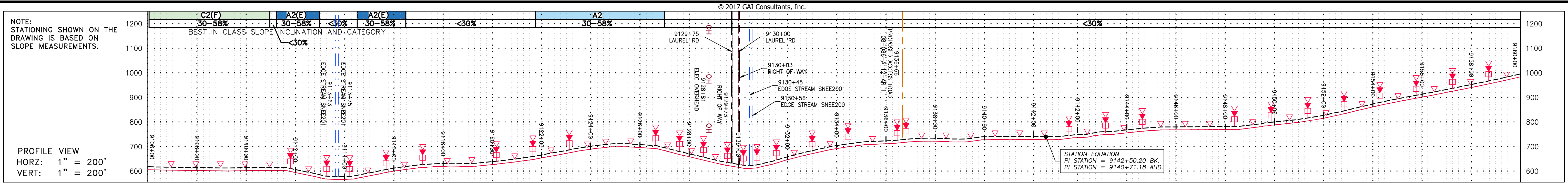
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140468

**TASK NO. SUB TASK NO.**  
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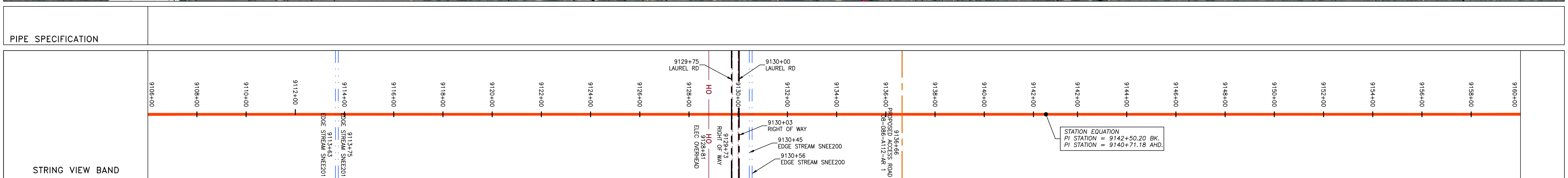
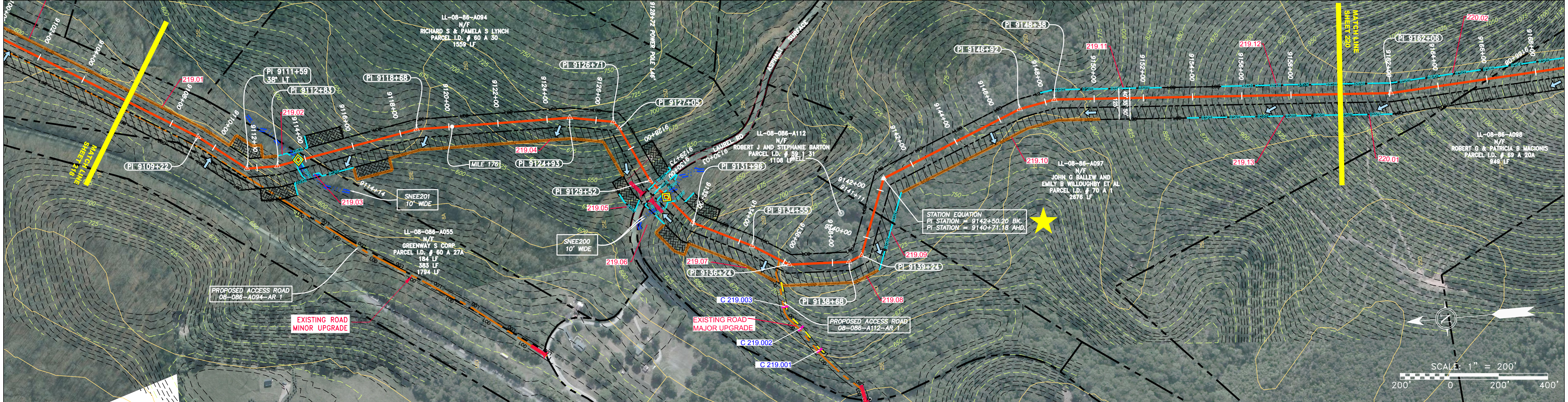
**GROUP ID DRAWING NO.**  
D E218

12 OF 344

GAI CAD FILE NO. R:\050-5159 - GAI - THRASHER - SERP - MAPPING\SURVEY DRAWING\SEC 4\SEC 4 SHEETS - 217-222 (11-16) REROUTE 4-25-16.DWG



PROPERTY OWNERSHIP
LL-08-086-A055 N/F GREENWAY S CORP PARCEL I.D. # 60 A 27A 1794 LF
LL-08-086-A094 N/F RICHARD S & PAMELA S LYNCH PARCEL I.D. # 60 A 30 1559 LF
LL-08-086-A112 N/F ROBERT J AND STEPHANIE BARTON PARCEL I.D. # 59 I 31 1108 LF
LL-08-086-A097 N/F JOHN G BALLEW & EMILY B WILLOUGHBY ET AL PARCEL I.D. # 70 A 1 2676 LF



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OVERHEAD UTILITY LINES
	ACCESS ROAD
	PROPOSED GAS PIPELINE
	STORM SEWER
	UNDERGROUND ELECTRIC
	WATER LINE
	SANITARY SEWER
	EDGE OF GRAVEL
	PROPOSED PERMANENT EASEMENT
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
	EXTRA WORK SPACE
	AREA OF NO DISTURBANCE
	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	UTILITY POLE
	PERMANENT WATERBAR/SLOPE BREAKER
	TEMPORARY WATERBAR/SLOPE BREAKER
	TRENCH BREAKER/PLUG
	STREAM CROSSING
	CONSTRUCTION CROSSING WITH ENHANCED CONTROLS
	SLOPEWAY
	SLOPE DIRECTION
	CONSTRUCTION ENTRANCE WITH DITCH
	CULVERT AS NEEDED
	CULVERT WATERBAR
	LOD
	BSRF
	COMPOST FILTER SOCK
	SEDIMENT BARRIER IDENTIFICATION
	BEST IN CLASS SLOPE CATEGORY
	ORANGE SAFETY FENCE
	ROADSIDE DITCH
	SOIL TYPE
	TYPICAL BIG SLOPE CATEGORY
	SLOPE INCLUSION

NOTES:	
1.	COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.
2.	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.
3.	IMAGERY TAKEN FROM GOOGLE EARTH.
4.	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.
5.	STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.
6.	EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
7.	ALL STATIONING SHOWN IS SLOPE STATIONING.
8.	SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
9.	BEST IN CLASS (BIC) STEEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN.
10.	EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES BAND.
11.	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 1 AND 2.
12.	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.
13.	THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.A.5 FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, VEGETATION, AND MAINTENANCE PLAN, SECTION V.A.5. IN ADDITION, WETLAND AND WATERBODY CROSSINGS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH NATIONWIDE PERMIT 12 (NWP) ISSUED BY THE U.S. CORPS OF ENGINEERS.

REVISIONS					
NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION

**Daniel R. Goldstein**  
DANIEL R. GOLDSTEIN  
Lic. No. 047436  
PROFESSIONAL ENGINEER

ERM

**42" AP-1 PIPELINE**  
CONSTRUCTION ALIGNMENT STA 9105+00 TO 9160+00  
NELSON COUNTY, VIRGINIA

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

SCALE:	AS SHOWN
DATE:	3/24/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

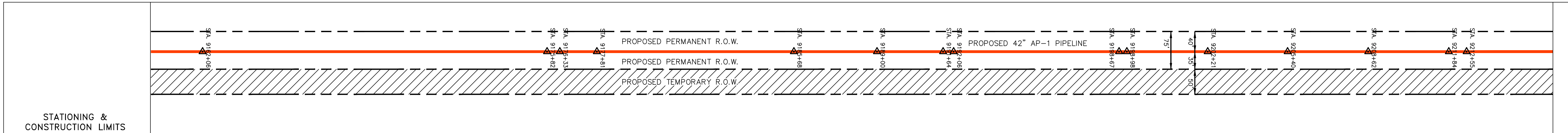
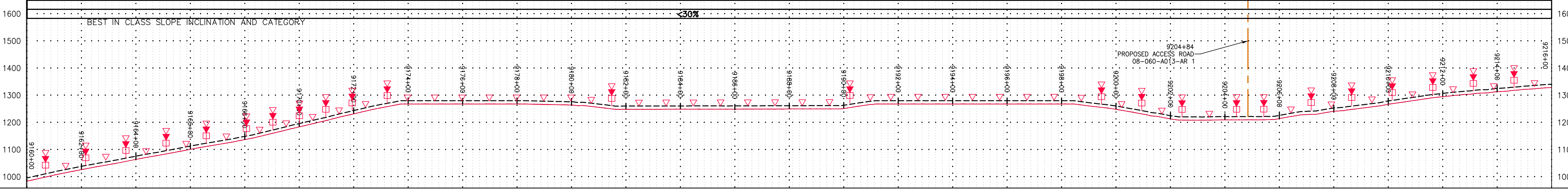
**gai consultants**

SOUTHPOINTE OFFICE  
6000 TOWN CENTER BLVD.  
CANONSBURG, PA 15317  
724-873-3545

PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E219
219 OF 344	

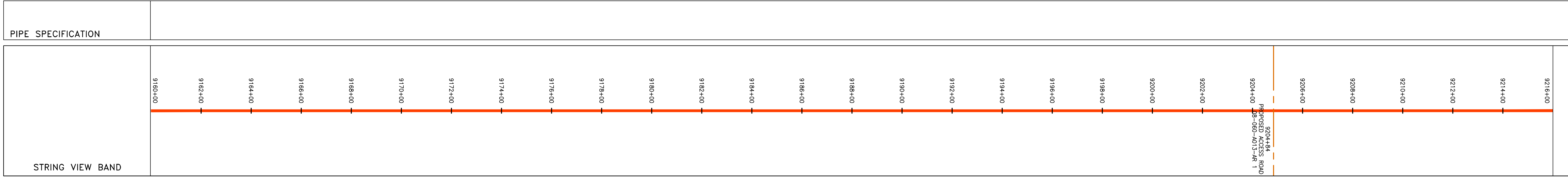
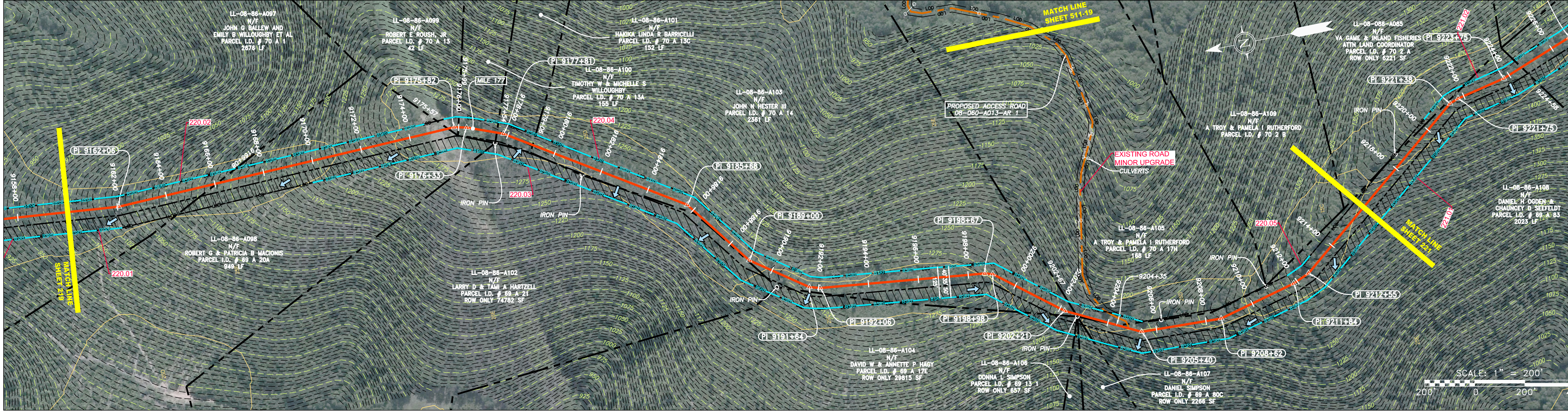
NOTE: STATIONING SHOWN ON THE DRAWING IS BASED ON SLOPE MEASUREMENTS.

PROFILE VIEW  
HORZ: 1" = 200'  
VERT: 1" = 200'



PROPERTY OWNERSHIP

LL-08-86-A097 N/F JOHN G BALLEW AND EMILY B WILLOUGHBY ET AL PARCEL I.D. # 70 A 1 2932 LF	LL-08-86-A098 N/F ROBERT G & PATRICIA B MACONIS PARCEL I.D. # 69 A 20A 949 LF	LL-08-86-A099 N/F TIMOTHY W & MICHELLE S WILLOUGHBY PARCEL I.D. # 70 A 13A 155 LF	LL-08-86-A100 N/F TIMOTHY W & MICHELLE S WILLOUGHBY PARCEL I.D. # 70 A 13A 155 LF	LL-08-86-A101 N/F HAKIKA LINDA R BARRICELLI PARCEL I.D. # 70 A 13C 152 LF	LL-08-86-A102 N/F LARRY D & TAMI A HARTZELL PARCEL I.D. # 69 A 21 ROW ONLY 74782 SF	LL-08-86-A103 N/F JOHN N HESTER III PARCEL I.D. # 70 A 14 2361 LF	LL-08-86-A104 N/F DAVID W & ANNETTE P HAGY PARCEL I.D. # 69 A 17E ROW ONLY 29815 SF	LL-08-86-A106 N/F DONNA L SIMPSON PARCEL I.D. # 69 13 1 ROW ONLY 657 SF	LL-08-86-A107 N/F DANIEL SIMPSON PARCEL I.D. # 69 A 80C ROW ONLY 2266 SF	LL-08-86-A108 N/F DANIEL H OGDEN & CHAUNCEY D SEEFELDT PARCEL I.D. # 69 A 83 2023 LF
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**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 (COLOR SHOWN TO PROVIDE CLARITY ONLY)	UTILITY POLE
EXISTING GAS PIPELINE	SANITARY SEWER		
OVERHEAD UTILITY LINES	EDGE OF GRAVEL		
ACCESS ROAD	PROPOSED PERMANENT EASEMENT		
PROPOSED GAS PIPELINE	PROPOSED GAS PIPELINE (NO GROUND SURVEY)		

NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).

**NOTES:**

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W, 11-07-2014.
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REVISIONS

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

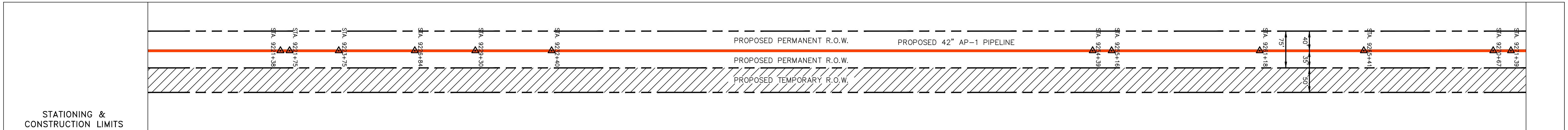
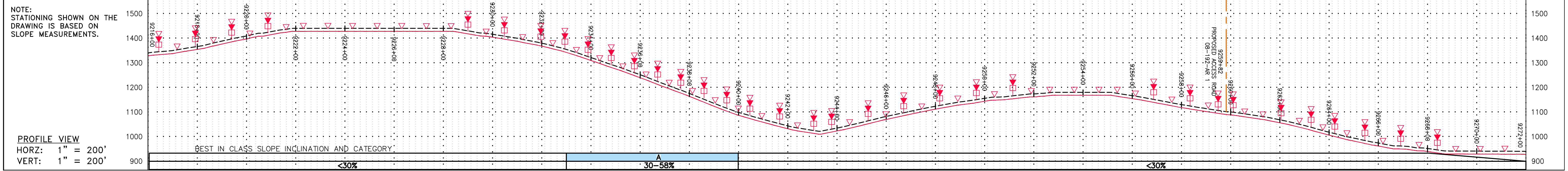
**Professional Engineer**  
Daniel R. Goldstein  
Lic. No. 047436

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

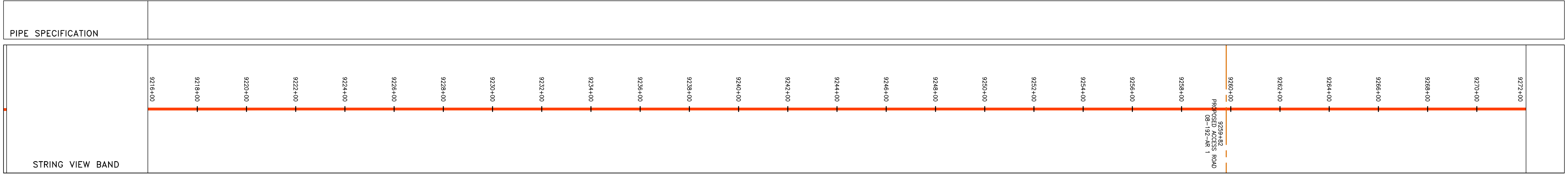
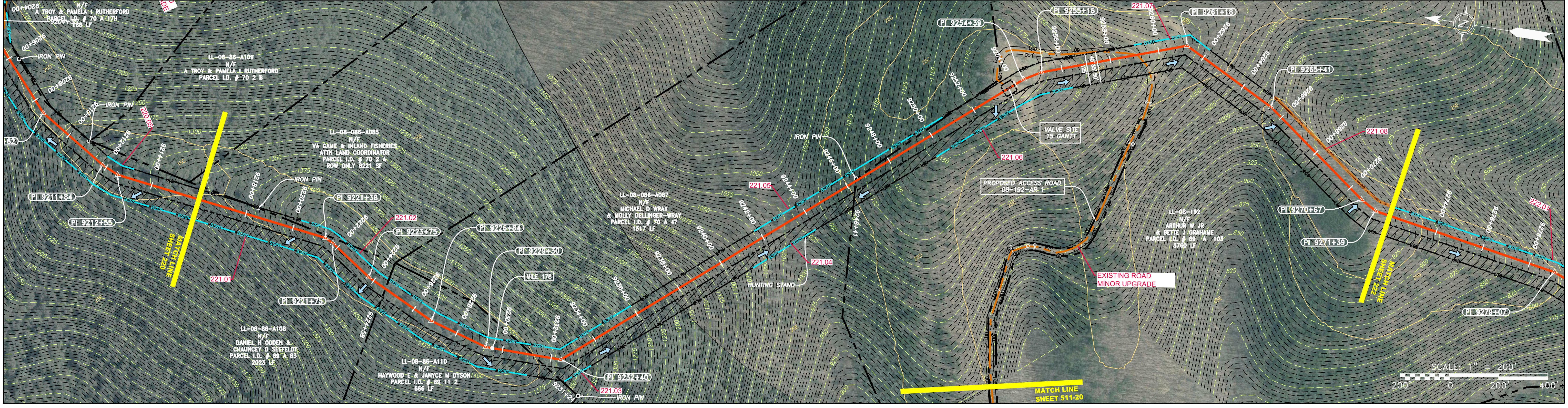
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APPROVED: NET

PROJECT NO./DASH NO. 140468  
TASK NO. SUB TASK NO. 005 00  
GROUP ID DRAWING NO. D E220  
220 OF 344

GAI CAD FILE NO. R:\050-5159 - GAI - THRASHER - SERP - MAPPING\SURVEY\DRAWING\SEC 4\SEC 4 SHEETS - 217-222 (11-16) REROUTE 4-25-16.DWG



STATIONING & CONSTRUCTION LIMITS	PROPERTY OWNERSHIP
9216+00	LL-08-086-A085 N/F VA GAME & INLAND FISHERIES ATTN LAND COORDINATOR PARCEL I.D. # 70 2 A ROW ONLY 8221 SF
9224+00	LL-08-086-A108 N/F DANIEL H OGDEN & CHAUNCEY D SEEFELDT PARCEL I.D. # 69 A 85 2023 LF
9232+00	LL-08-086-A110 N/F HAYWOOD E & JANICE M DYSON PARCEL I.D. # 69 11 2 666 LF
9240+00	LL-08-086-A087 N/F MICHAEL D WRAY & MOLLY DELLINGER-WRAY PARCEL I.D. # 70 A 47 1517 LF
9248+00	LL-08-192 N/F ARTHUR W JR & BETTE J GRAHAME PARCEL I.D. # 69 A 103 3760 LF
9256+00	
9264+00	
9272+00	



**LEGEND**

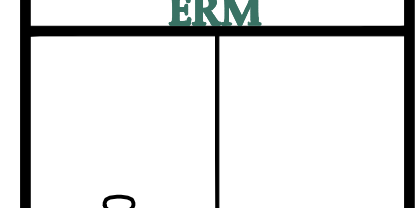
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— X —	FENCE	— W —	UNDERGROUND ELECTRIC	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.
— G —	EXISTING GAS PIPELINE	— S —	WATER LINE	▨	WETLAND	▨	UTILITY POLE
— OH —	OVERHEAD UTILITY LINES	—	SANITARY SEWER	▨	NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).		
—	ACCESS ROAD	—	EDGE OF GRAVEL				
—	PROPOSED GAS PIPELINE	—	PROPOSED PERMANENT EASEMENT				
—	PROPOSED GAS PIPELINE (NO GROUND SURVEY)						

▨	PERMANENT WATERBAR/SLOPE BREAKER	—	LOD	—	LIMIT OF DISTURBANCE
▨	TEMPORARY WATERBAR/SLOPE BREAKER	▨	BSRF	▨	BELTED SILT RETENTION FENCE (BSRF)
▨	TRENCH BREAKER/PLUG	▨	111.03	▨	COMPOST FILTER SOCK
▨	STREAM CROSSING	▨	C 111.001	▨	SEDIMENT BARRIER IDENTIFICATION
▨	USFS CROSSING WITH ENHANCED CONTROLS	▨	—	▨	CULVERT IDENTIFICATION
▨	ROADSIDE DITCH	▨	—	▨	ORANGE SAFETY FENCE
▨	SLOPE DIRECTION	▨	—	▨	ROADSIDE DITCH
▨	CONSTRUCTION ENTRANCE WITH DITCH	▨	—	▨	SOIL TYPE
▨	CULVERT AS NEEDED	▨	—	▨	TYPICAL BIG SLOPE CATEGORY
▨	CULVERT WATERBAR	▨	—	▨	SLOPE INCLINATION

**NOTES:**

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- 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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REVISIONS		DESCRIPTION
NO.	DATE	
DWN.		
CHKD.		
APPRD.		

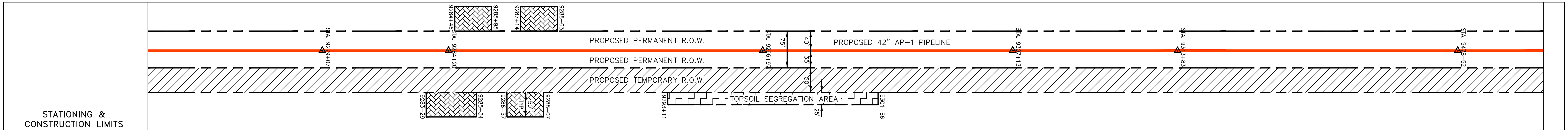
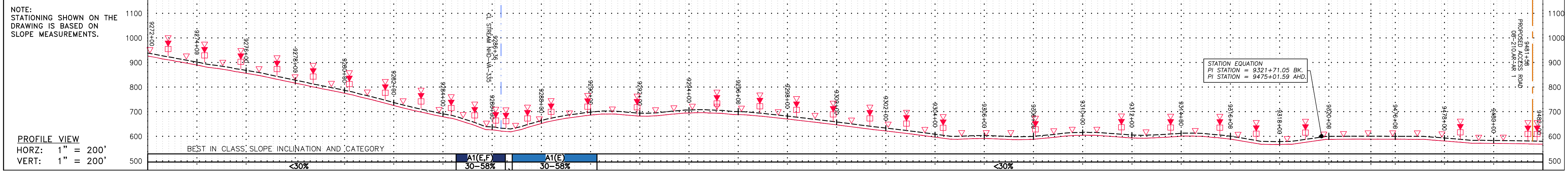


**ATLANTIC COAST PIPELINE, LLC**  
 C/O DOMINION TRANSMISSION, INC.  
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

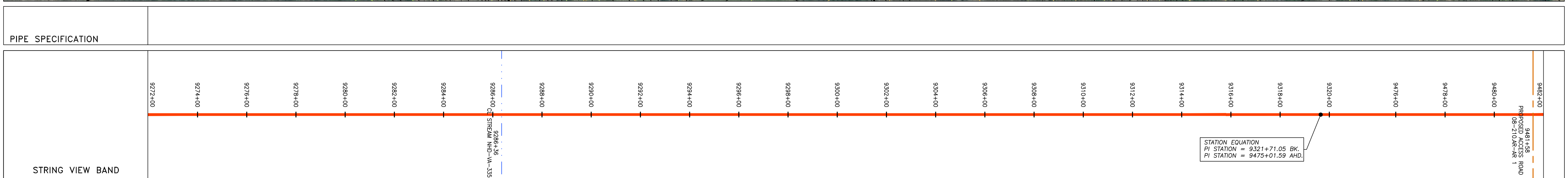
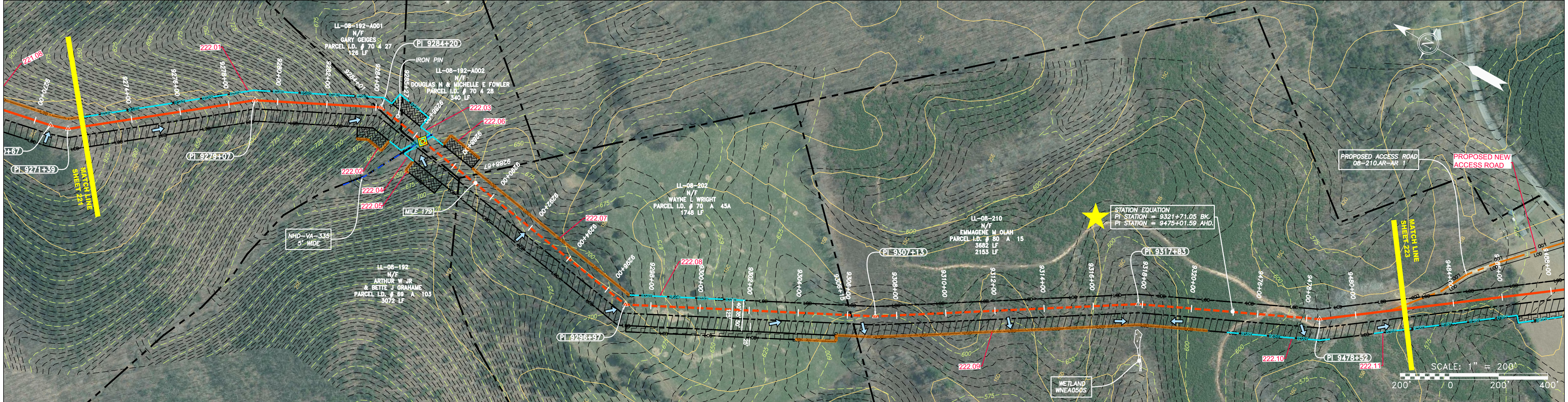
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CHECKED:	DLH
APPROVED:	NET



PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E221
221 OF 344	



STATIONING & CONSTRUCTION LIMITS	PROPERTY OWNERSHIP
9272+00	LL-08-192 N/F ARTHUR W JR & BETTE J GRAHAME PARCEL I.D. # 69 A 103 3072 LF
9274+00	LL-08-192-A001 N/F GARY GEIGES PARCEL I.D. # 70 4 27 126 LF
9276+00	LL-08-192-A002 N/F DOUGLAS N & MICHELLE E FOWLER PARCEL I.D. # 70 4 28 340 LF
9278+00	LL-08-202 N/F WAYNE L WRIGHT PARCEL I.D. # 70 A 45A 1748 LF
9280+00	LL-08-210 N/F EMMAGENE M OLAH PARCEL I.D. # 80 A 15 3682 LF 2153 LF
9282+00	
9284+00	
9286+00	
9288+00	
9290+00	
9292+00	
9294+00	
9296+00	
9298+00	
9300+00	
9302+00	
9304+00	
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9480+00	
9482+00	



**LEGEND**

— X — X —	PROPERTY LINE	— E —	STORM SEWER	▨	EXTRA WORK SPACE	▨	TOPSOIL SEGREGATION AREA
— X — X —	FENCE	— W —	UNDERGROUND ELECTRIC	▨	AREA OF NO DISTURBANCE	▨	PROPOSED TEMPORARY R.O.W.
— G — G —	EXISTING GAS PIPELINE	— S —	WATER LINE	▨	WETLAND	▨	UTILITY POLE
— OH —	OVERHEAD UTILITY LINES	—	SANITARY SEWER	▨	NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).		
—	ACCESS ROAD	—	EDGE OF GRAVEL				
—	PROPOSED GAS PIPELINE	—	PROPOSED PERMANENT EASEMENT				
		—	PROPOSED GAS PIPELINE (NO GROUND SURVEY)				

**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.
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- BEST IN CLASS (BIC) STEEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN.
- EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES BAND.
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**REVISIONS**

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

**PROFESSIONAL ENGINEER**  
 Daniel R. Goldstein  
 Lic. No. 047436

**ERM**

**42" AP-1 PIPELINE**  
 CONSTRUCTION ALIGNMENT STA 9272+00 TO 9482+00  
 NELSON COUNTY, VIRGINIA

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

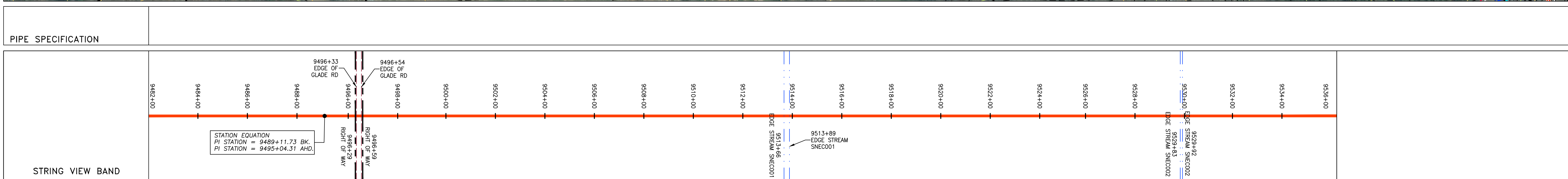
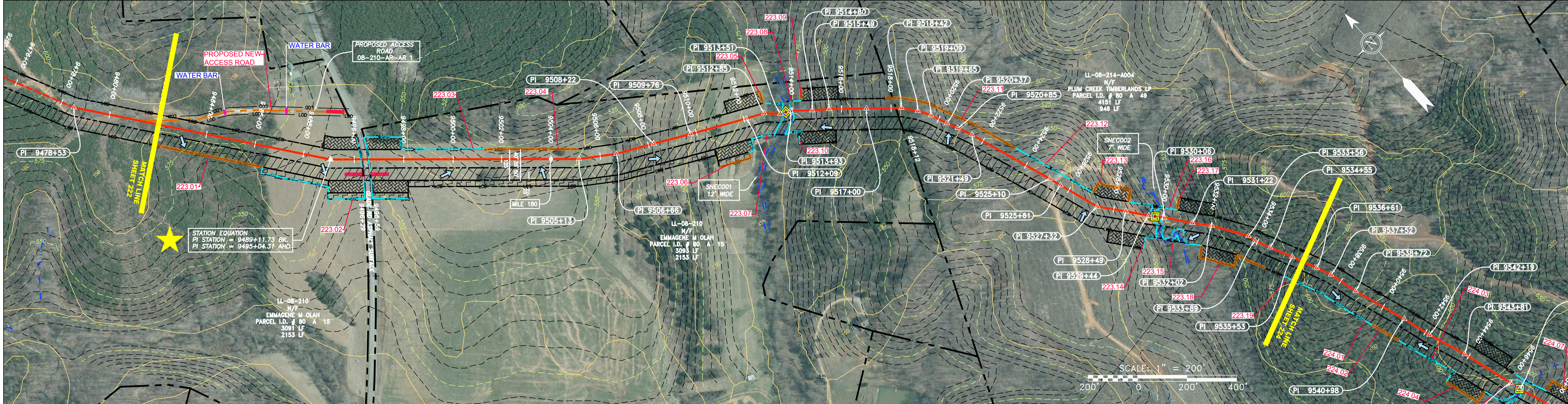
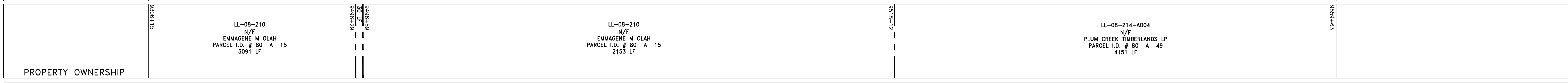
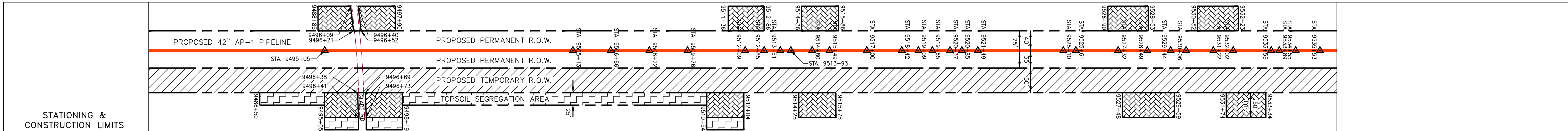
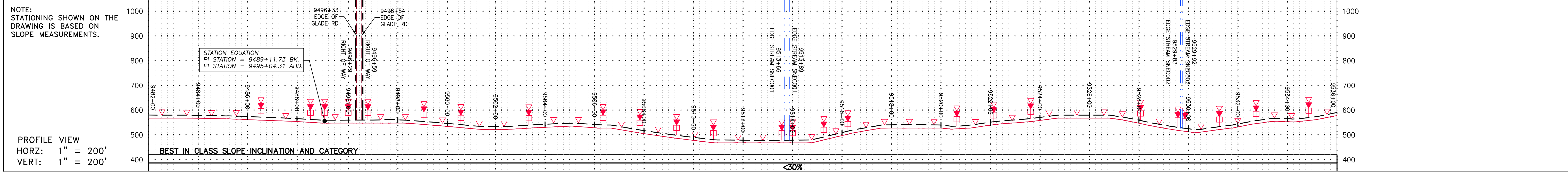
SCALE: AS SHOWN  
 DATE: 3/24/17  
 DRAWN: GPT  
 CHECKED: DLH  
 APPROVED: NET

**gai consultants**  
 SOUTHPOINTE OFFICE  
 6000 TOWN CENTER BLDG.  
 CANONSBURG, PA 15317  
 724-873-3545

PROJECT NO./DASH NO. **140468**  
 TASK NO. SUB TASK NO. **005 00**  
 GROUP ID DRAWING NO. **D E222**  
 222 OF 344

GAI CAD FILE NO. R:\050-5159 - GAI - THRASHER - SERP - MAPPING\SURVEY DRAWING\SEC 4\SEC 4 SHEETS - 217-222 (11-16) REROUTE 4-25-16.DWG





**LEGEND**

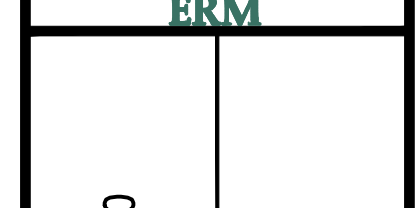
— X — X —	PROPERTY LINE	— E —	STORM SEWER	[Hatched Box]	EXTRA WORK SPACE	[Hatched Box]	TOPSOIL SEGREGATION AREA
— X —	FENCE	— W —	UNDERGROUND ELECTRIC	[Dotted Box]	[Dotted Box]	[Dotted Box]	AREA OF NO DISTURBANCE
— G —	STREAM	— S —	WATER LINE	[Hatched Box]	[Hatched Box]	[Hatched Box]	PROPOSED TEMPORARY R.O.W.
— G —	EXISTING GAS PIPELINE	— S —	SANITARY SEWER	[Hatched Box]	[Hatched Box]	[Hatched Box]	UTILITY POLE
— OH —	OVERHEAD UTILITY LINES	— E —	EDGE OF GRAVEL	[Green Box]	[Green Box]	[Green Box]	WETLAND
— A —	ACCESS ROAD	— E —	PROPOSED PERMANENT EASEMENT	[Green Box]	[Green Box]	[Green Box]	NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).
— P —	PROPOSED GAS PIPELINE	— E —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	[Green Box]	[Green Box]	[Green Box]	

[Red Triangle]	PERMANENT WATERBAR/SLOPE BREAKER	[Blue Line]	LIMIT OF DISTURBANCE
[Red Triangle]	TEMPORARY WATERBAR/SLOPE BREAKER	[Blue Line]	BELTED SILT RETENTION FENCE (BSRF)
[Red Triangle]	TRENCH BREAKER/PLUG	[Blue Line]	COMPOST FILTER SOCK
[Red Triangle]	STREAM CROSSING	[Blue Line]	SEDIMENT BARRIER IDENTIFICATION
[Red Triangle]	USFS STREAM CROSSING WITH ENHANCED CONTROLS	[Blue Line]	CULVERT IDENTIFICATION
[Red Triangle]	SEEP	[Blue Line]	ORANGE SAFETY FENCE
[Red Triangle]	SLOPE DIRECTION	[Blue Line]	ROADSIDE DITCH
[Red Triangle]	CONSTRUCTION ENTRANCE WITH DITCH	[Blue Line]	SOIL TYPE
[Red Triangle]	CULVERT AS NEEDED	[Blue Line]	TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION
[Red Triangle]	CULVERT WATERBAR	[Blue Line]	

**NOTES:**

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NO.	DATE	BY	CHKD.	APPVD.	DESCRIPTION



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

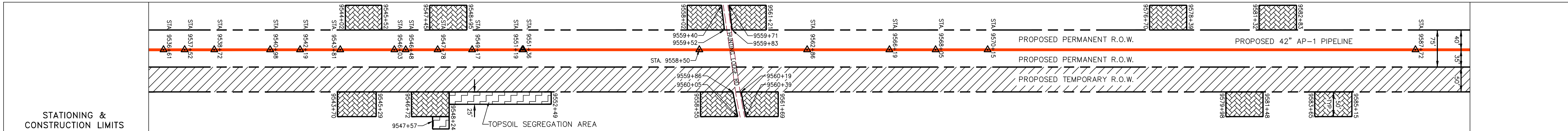
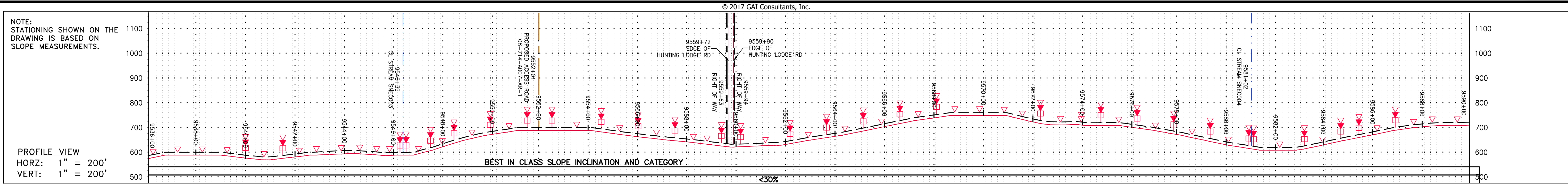
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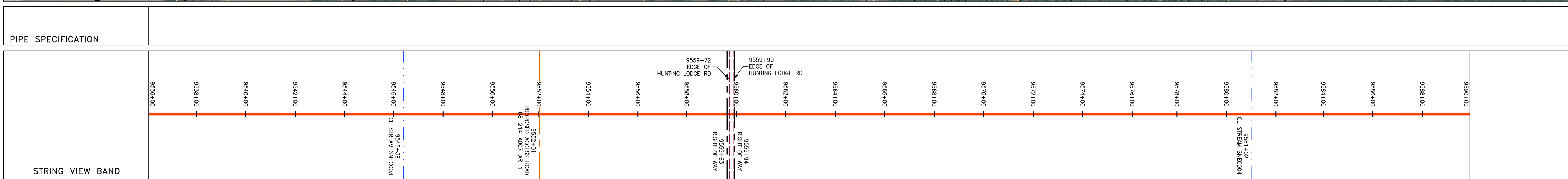
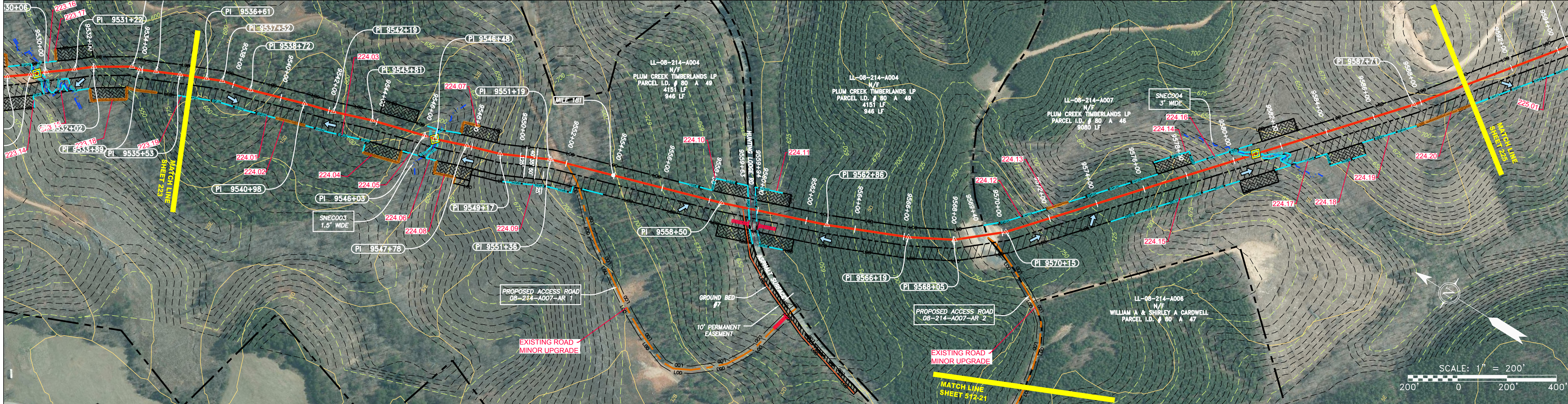
PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E223
223 OF 344	

GAI CAD FILE NO. R:\050-5159 - GAI - THRASHER - SERP - MAPPING\SURVEY DRAWING\SEC 4\SEC 4 SHEETS - 223-227 (17-21).DWG

GAI CAD FILE NO. R:\050-5159 - GAI - THRASHER - SERP - MAPPING\SURVEY\_DRAWING\SEC 4\SEC 4 SHEETS - 223-227 (17-21).DWG



PROPERTY OWNERSHIP	STATIONING & CONSTRUCTION LIMITS
<p>LL-08-214-A004 N/A PLUM CREEK TIMBERLANDS LP PARCEL I.D. # 80 A 49 4151 LF</p>	<p>LL-08-214-A004 N/A PLUM CREEK TIMBERLANDS LP PARCEL I.D. # 80 A 49 946 LF</p>
<p>LL-08-214-A007 N/A PLUM CREEK TIMBERLANDS LP PARCEL I.D. # 80 A 46 9080 LF</p>	



<p><b>LEGEND</b></p> <p>— X — X — PROPERTY LINE</p> <p>— F — FENCE</p> <p>— G — G — EXISTING GAS PIPELINE</p> <p>— OH — OH — OVERHEAD UTILITY LINES</p> <p>— — — PROPOSED GAS PIPELINE</p> <p>— — — PROPOSED GAS PIPELINE (NO GROUND SURVEY)</p> <p>— E — STORM SEWER</p> <p>— W — UNDERGROUND ELECTRIC</p> <p>— W — WATER LINE</p> <p>— SAN — SANITARY SEWER</p> <p>— — — EDGE OF GRAVEL</p> <p>— — — PROPOSED PERMANENT EASEMENT</p> <p>— — — PROPOSED PERMANENT R.O.W.</p> <p>— — — TOPSOIL SEGREGATION AREA</p> <p>— — — AREA OF NO DISTURBANCE</p> <p>— — — WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)</p> <p>— — — UTILITY POLE</p>	<p>▲ PERMANENT WATERBAR/SLOPE BREAKER</p> <p>▲ TEMPORARY WATERBAR/SLOPE BREAKER</p> <p>▲ TRENCH BREAKER/PLUG</p> <p>▲ STREAM CROSSING</p> <p>▲ USFWS STREAM CROSSING WITH ENHANCED CONTROLS</p> <p>▲ SEEP</p> <p>▲ SLOPE DIRECTION</p> <p>▲ CONSTRUCTION ENTRANCE WITH DITCH</p> <p>▲ CULVERT AS NEEDED</p> <p>▲ CULVERT WATERBAR</p> <p>— LOD — LIMIT OF DISTURBANCE</p> <p>— BSRF — BELTED SILT RETENTION FENCE (BSRF)</p> <p>— — — COMPOST FILTER SOCK</p> <p>— — — SEDIMENT BARRIER IDENTIFICATION</p> <p>— — — CULVERT IDENTIFICATION</p> <p>— — — ORANGE SAFETY FENCE</p> <p>— — — ROADSIDE DITCH</p> <p>— — — SOIL TYPE</p> <p>— — — TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION</p>	<p><b>NOTES:</b></p> <p>1. COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W, 11-07-2014.</p> <p>2. THE PROPERTY LINES SHOWN ARE BASED ON GIS &amp; 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.</p> <p>3. IMAGERY TAKEN FROM GOOGLE EARTH.</p> <p>4. STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.</p> <p>5. EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.</p> <p>6. ALL STATIONING SHOWN IS SLOPE STATIONING.</p> <p>7. BEST IN CLASS (BIC) STEEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN.</p> <p>8. EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES BAND.</p> <p>9. SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.</p> <p>10. 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 1 AND 2.</p> <p>11. HAVE ADEQUATE EXISTING DRAINAGE; DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4.</p> <p>12. 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.</p> <p>13. THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.A.5 FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.A.5. IN ADDITION, WETLAND AND WATERBODY CROSSINGS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH NATIONWIDE PERMIT 12 (NWP) ISSUED BY THE U.S. CORPS OF ENGINEERS.</p>
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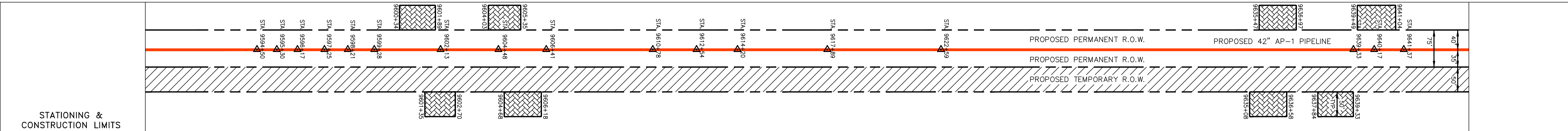
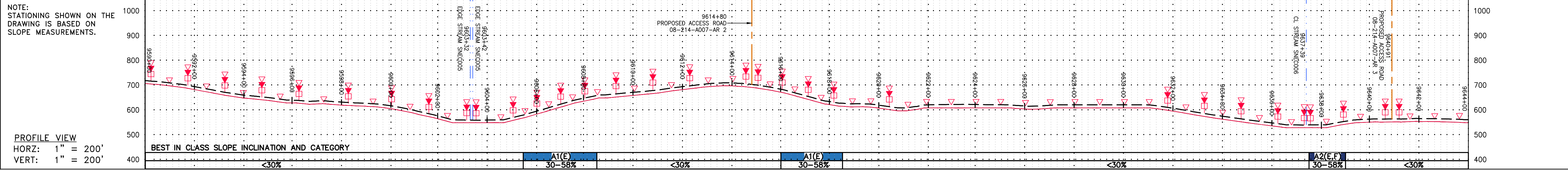
NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

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

SCALE:	AS SHOWN
DATE:	3/24/17
DRAWN:	GPT
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APPROVED:	NET

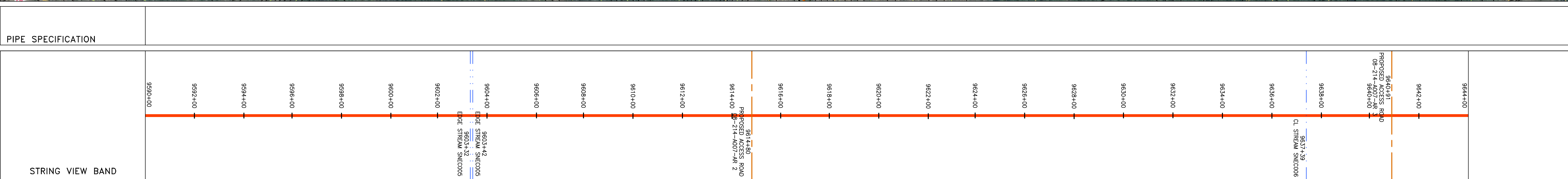
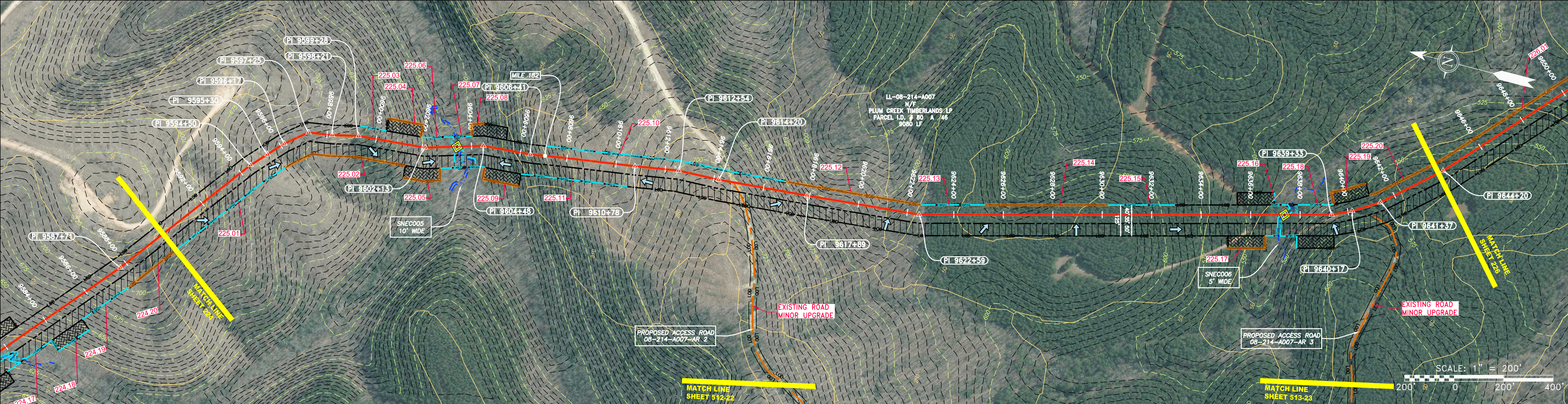
SOUTHPOINTE OFFICE  
 6000 TOWN CENTER BLVD.  
 CANONSBURG, PA 15317  
 724-873-3545

PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E224
224 OF 344	



PROPERTY OWNERSHIP

LL-08-214-A007  
N/F  
PLUM CREEK TIMBERLANDS LP  
PARCEL I.D. # 80 A 46  
9080 LF



**LEGEND**

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

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NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

42" AP-1 PIPELINE  
CONSTRUCTION ALIGNMENT STA 9590+00 TO 9644+00  
NELSON COUNTY, VIRGINIA

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

SCALE:	AS SHOWN
DATE:	3/24/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

**gai consultants**

SOUTHPOINTE OFFICE  
6000 TOWN CENTER BLVD.  
CANONSBURG, VA 15317  
724-873-3545

PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E225
225 OF 344	

GAI CAD FILE NO. R:\050-5159 - SERP - THRASHER - GAI - GAI - THRASHER - SERP - MAPPING SURVEY DRAWING \SEC 4\SEC 4 SHEETS - 223-227 (17-21).DWG