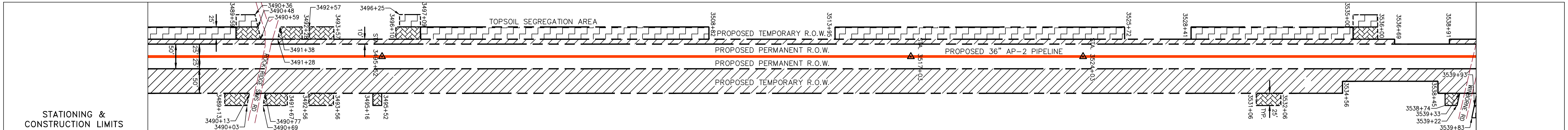
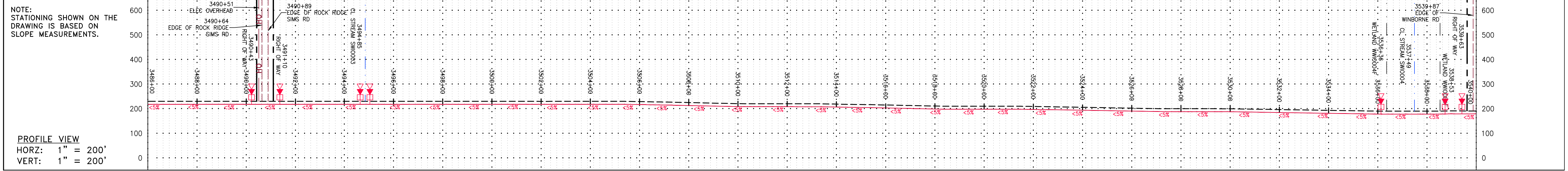
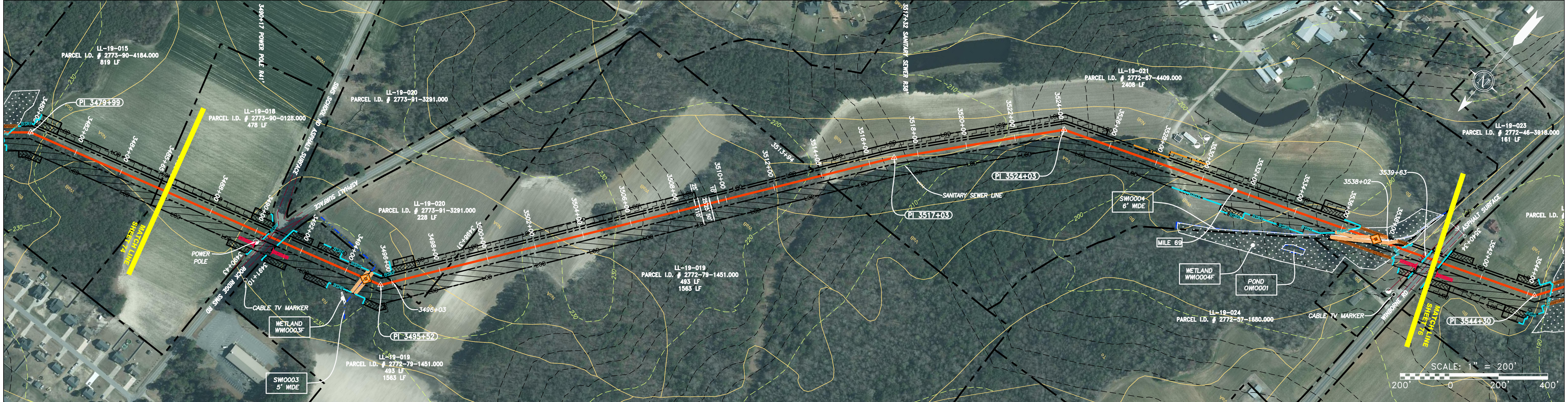


GAI CAD FILE NO. \\\TTC-FS\THRASHER\050-5159 - GAI, INC. - SERP - MAPPING\SURVEY\DRAWING\SEC 10\SECT 10 SHEETS - 75-99 (11-15) ROUTE-6-26-15.DWG

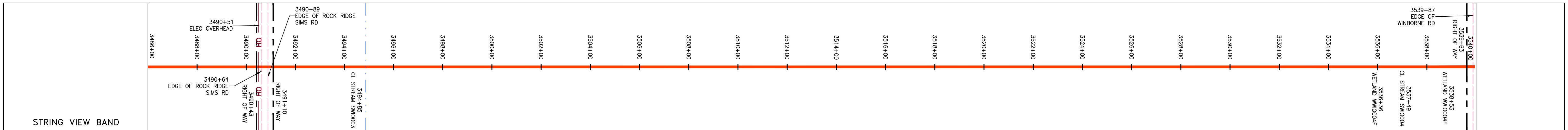
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PROPERTY OWNERSHIP	PARCEL I.D.	AREA (LF)
LL-19-018	# 2773-90-0128.000	478 LF
LL-19-019	# 2772-79-1451.000	493 LF
LL-19-020	# 2773-91-3291.000	228 LF
LL-19-019	# 2772-79-1451.000	1563 LF
LL-19-021	# 2772-67-4409.000	2408 LF
LL-19-023	# 2772-46-3918.000	161 LF



PIPE SPECIFICATION
36" AP-2 PIPELINE



<p>LEGEND</p> <ul style="list-style-type: none"> — X — X — PROPERTY LINE — F — F — FENCE — S — S — STREAM — G — G — EXISTING GAS PIPELINE — OH — OH — OVERHEAD UTILITY LINES — A — A — ACCESS ROAD — P — P — PROPOSED GAS PIPELINE — E — E — UNDERGROUND ELECTRIC — W — W — WATER LINE — SAN — SAN — SANITARY SEWER — EG — EG — EDGE OF GRAVEL — PE — PE — PROPOSED PERMANENT EASEMENT — PG — PG — PROPOSED GAS PIPELINE (NO GROUND SURVEY) 	<ul style="list-style-type: none"> □ EXTRA WORK SPACE □ AREA OF NO DISTURBANCE □ WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY) □ TOPSOIL SEGREGATION AREA □ PROPOSED TEMPORARY R.O.W. □ UTILITY POLE <p>NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 10).</p>	<ul style="list-style-type: none"> ▲ PERMANENT WATERBAR/SLOPE BREAKER ▲ TEMPORARY WATERBAR/SLOPE BREAKER ▲ TRENCH BREAKER/PLUG ▲ STREAM CROSSING ▲ USFWS STREAM CROSSING WITH ENHANCED CONTROLS ▲ CONSTRUCTION ENTRANCE WITH DITCH ▲ CULVERT/ WATERBAR — LOD — LOD — LIMIT OF DISTURBANCE — BSRF — BSRF — BELTED SILT RETENTION FENCE (BSRF) — CL — CL — COIR LOG — CF — CF — COMPOST FILTER SOCK — OF — OF — ORANGE SAFETY FENCE — RD — RD — ROADSIDE DITCH — CuB — CuB — SOIL TYPE 	<p>NOTES:</p> <ol style="list-style-type: none"> 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 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.
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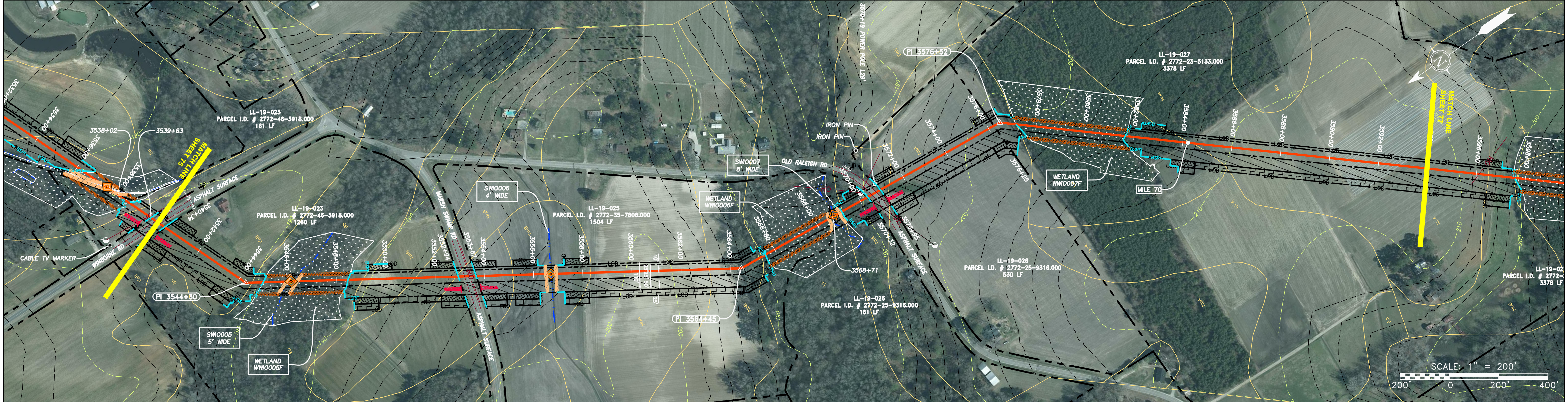
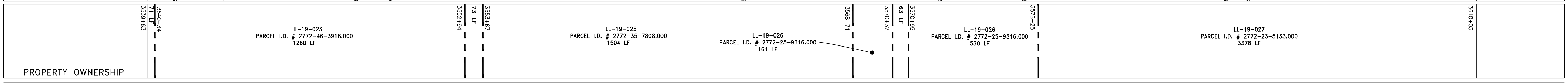
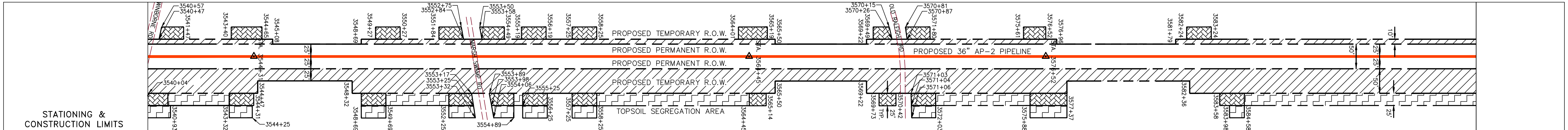
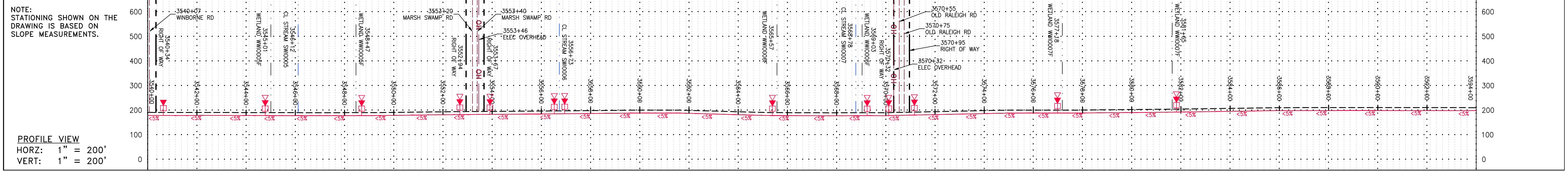
NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION

36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 3485+00 TO 3540+00
 WILSON COUNTY, NORTH CAROLINA
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

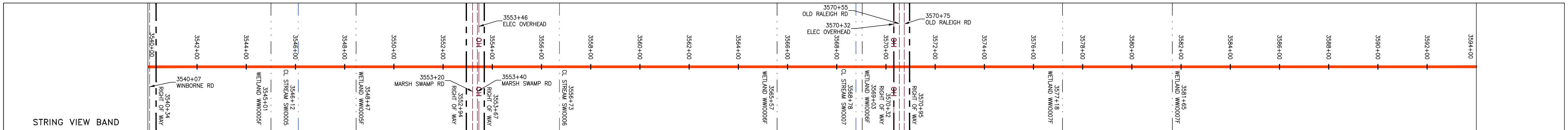
SCALE:	AS SHOWN
DATE:	06/09/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

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

PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E075
75 OF 189	



PIPE SPECIFICATION	
36" AP-2 PIPELINE	36" AP-2 PIPELINE



<p>LEGEND</p> <ul style="list-style-type: none"> — X — X — PROPERTY LINE — F — FENCE — S — STREAM — G — G — EXISTING GAS PIPELINE — OH — OH — OVERHEAD UTILITY LINES — A — A — ACCESS ROAD — P — P — PROPOSED GAS PIPELINE — E — E — UNDERGROUND ELECTRIC — W — W — WATER LINE — SAN — SAN — SANITARY SEWER — EG — EG — EDGE OF GRAVEL — PE — PE — PROPOSED PERMANENT EASEMENT — PGP — PGP — PROPOSED GAS PIPELINE (NO GROUND SURVEY) 	<ul style="list-style-type: none"> □ EXTRA WORK SPACE □ AREA OF NO DISTURBANCE □ WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY) □ TOPSOIL SEGREGATION AREA □ PROPOSED TEMPORARY R.O.W. □ UTILITY POLE 	<ul style="list-style-type: none"> ▲ PERMANENT WATERBAR/SLOPE BREAKER ▲ TEMPORARY WATERBAR/SLOPE BREAKER ▲ TRENCH BREAKER/PLUG ◆ STREAM CROSSING ◆ USFWS STREAM CROSSING WITH ENHANCED CONTROLS ◆ CONSTRUCTION ENTRANCE WITH DITCH ◆ CULVERT/ WATERBAR — LOD — LOD — LIMIT OF DISTURBANCE — BSRF — BSRF — BELTED SILT RETENTION FENCE (BSRF) — CL — CL — COIR LOG — CFS — CFS — COMPOST FILTER SOCK — OSF — OSF — ORANGE SAFETY FENCE — RD — RD — ROADSIDE DITCH — CuB — CuB — SOIL TYPE
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REVISIONS		DESCRIPTION
NO.	DATE	



36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 3540+00 TO 3594+00
 WILSON COUNTY, NORTH CAROLINA
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

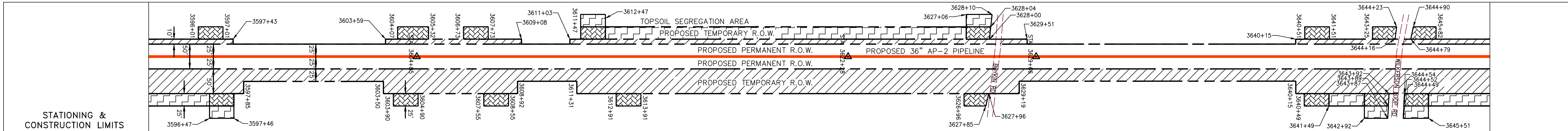
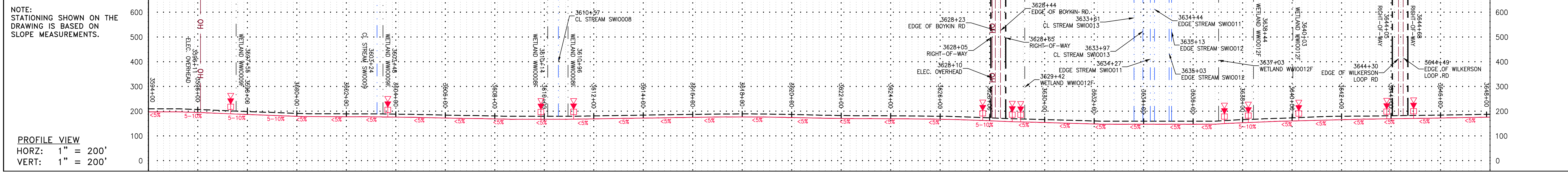
SCALE:	AS SHOWN
DATE:	06/09/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

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

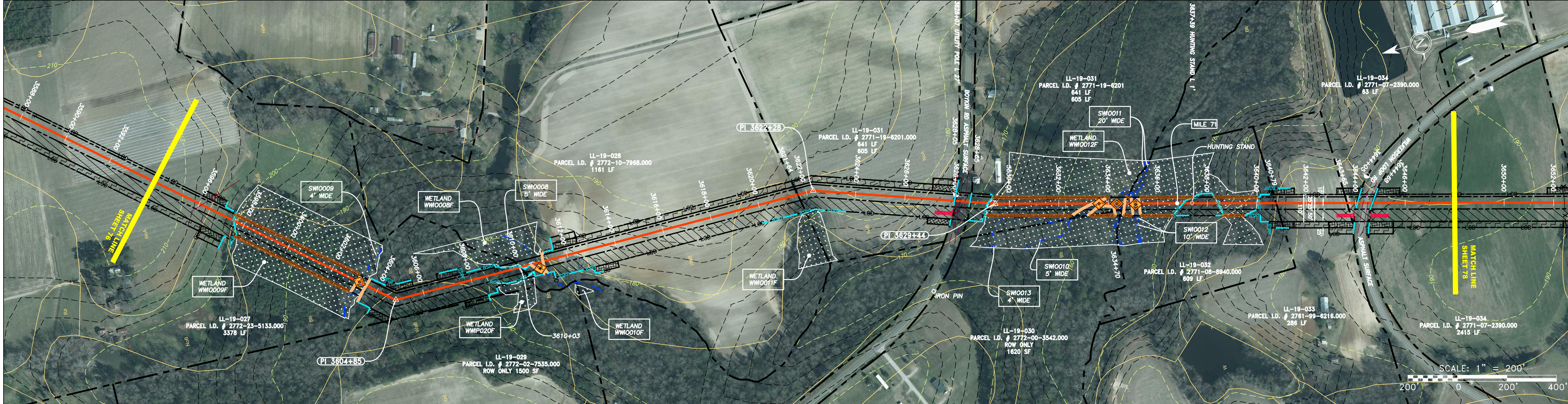
PROJECT NO./DASH NO.	140468	
TASK NO.	005	00
GROUP ID	D	E076
76	OF	189

GAI CAD FILE NO. \NTG-FS\THRASHER\050-5159 - GIA, INC. - SERP - THRASHER - MAPPING SURVEY DRAWING SEC 10 SECT 10 SHEETS - 75-79 (11-15) ROUTE-6-26-15.DWG

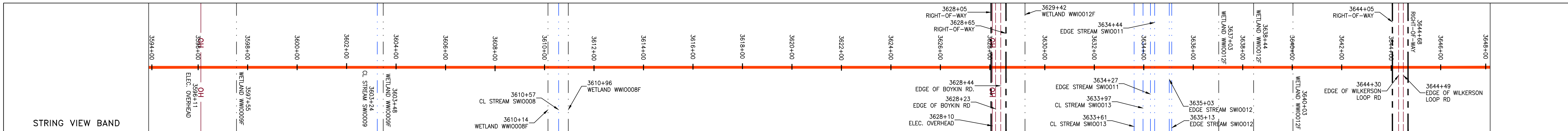
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PROPERTY OWNERSHIP table listing parcel IDs, owner names, and acreage. Includes parcels LL-19-027, LL-19-029, LL-19-028, LL-19-031, LL-19-030, LL-19-032, LL-19-033, LL-19-034, and LL-19-034.



PIPE SPECIFICATION table with columns for stationing, pipe type, and other details.



LEGEND section defining symbols for property lines, fences, streams, gas pipelines, storm sewers, water lines, sanitary sewers, edge of gravel, proposed permanent easement, proposed gas pipeline, extra work space, topsoil segregation area, area of no disturbance, proposed temporary R.O.W., wetland, utility pole, permanent waterbar/slope breaker, temporary waterbar/slope breaker, trench breaker/plug, stream crossing, USFWS stream crossing, construction entrance with ditch, culvert/waterbar, LOD, BSRF, COIR LOG, COMPOST FILTER SOCK, ORANGE SAFETY FENCE, ROADSIDE DITCH, CUB, LIMIT OF DISTURBANCE, BELTED SILT RETENTION FENCE (BSRF), and SOIL TYPE.

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. 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 CONTROL ELEMENTS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4. 10. 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.

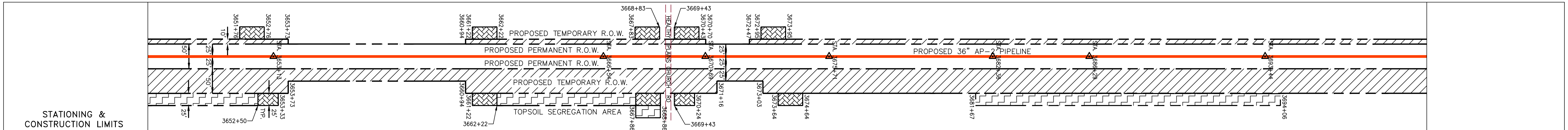
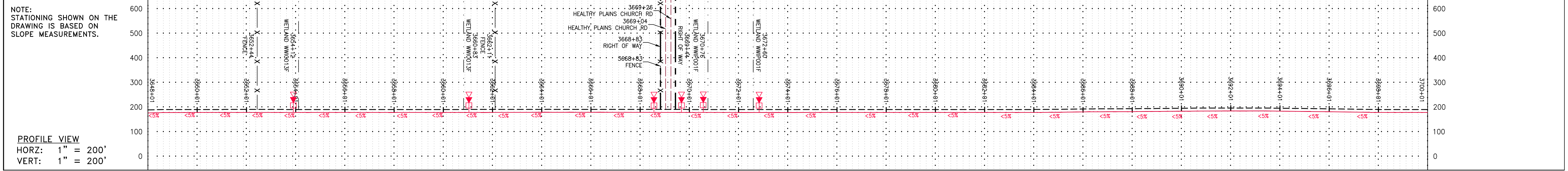
REVISIONS table with columns for NO., DATE, DWN., CHKD., APPD., and DESCRIPTION.

Professional Engineer seal for GAI CONSULTANTS, INC. and project information: 36\"/>

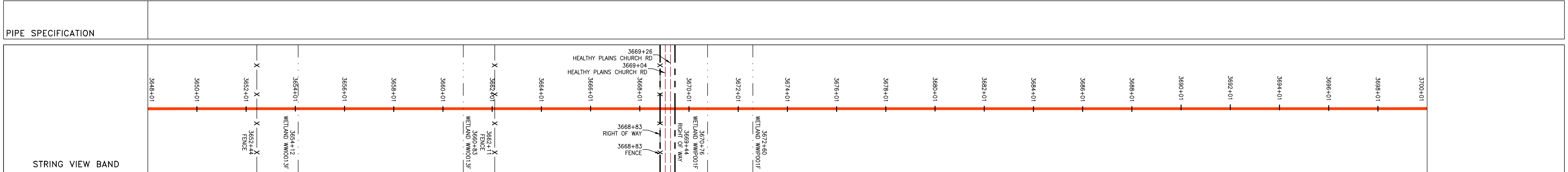
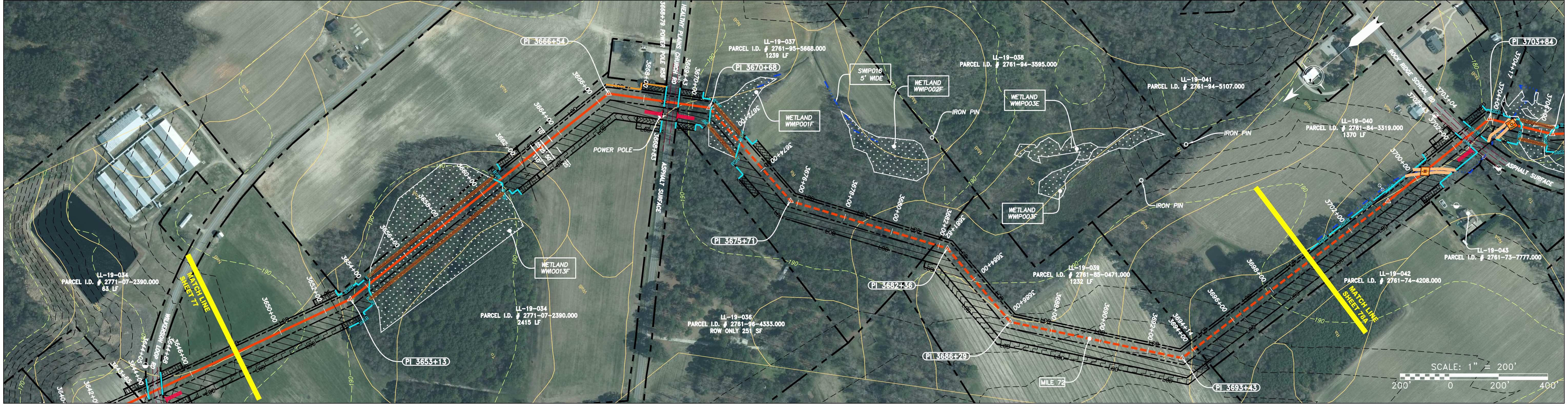
SCALE: AS SHOWN, DATE: 06/09/17, DRAWN: GPT, CHECKED: DLH, APPROVED: NET

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

PROJECT NO./DASH NO. 140468, TASK NO. 005, SUB TASK NO. 00, GROUP ID D, DRAWING NO. E077, 77 OF 189



PROPERTY OWNERSHIP	PARCEL I.D.	AREA
LL-19-034	# 2771-07-2390.000	2415 LF
LL-19-036	# 2761-96-4333.000	ROW ONLY 251 SF
LL-19-037	# 2761-95-5668.000	1239 LF
LL-19-039	# 2761-95-0471.000	1232 LF
LL-19-040	# 2761-84-3319.000	1370 LF



LEGEND

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

NOTES:

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LEGEND

— LOD —	LIMIT OF DISTURBANCE	—	—
— BSRF —	BELTED SILT RETENTION FENCE (BSRF)	—	—
—	COIR LOG	—	—
—	COMPOST FILTER SOCK	—	—
—	ORANGE SAFETY FENCE	—	—
—	ROADSIDE DITCH	—	—
—	CULVERT WATERBAR	—	—
—	SOIL TYPE	—	—

REVISIONS		DESCRIPTION
NO.	DATE	

36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 3648+00 TO 3700+00
 WILSON COUNTY, NORTH CAROLINA

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

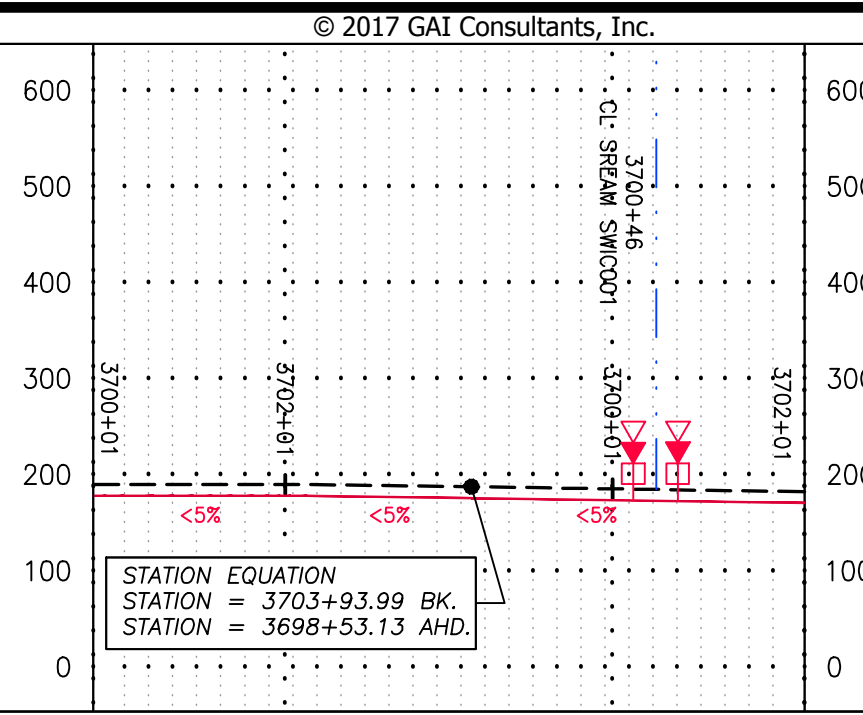
gai consultants - NC, inc.
 4198 COX ROAD
 SUITE 114
 GLEN ALLEN, VA 23060
 804-270-9357
 N.C. COL #F-0269

PROJECT NO./DASH NO.	140468	
TASK NO.	005	00
GROUP ID	D	E078
78	OF	189

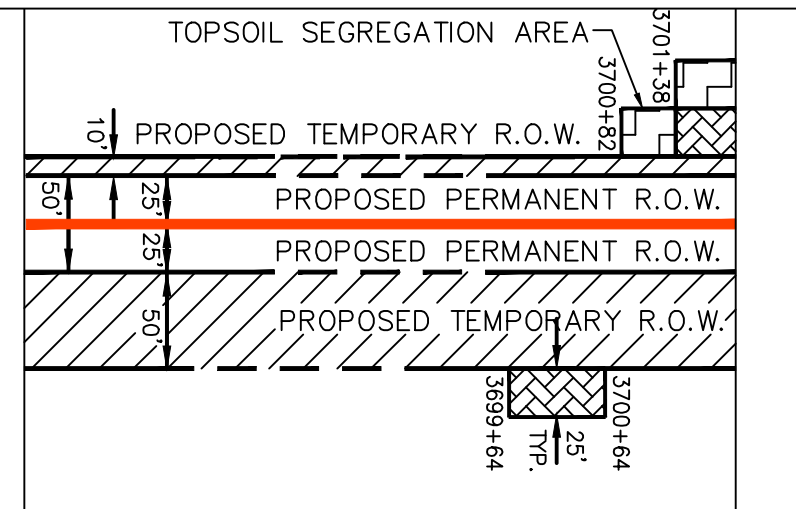
GAI CAD FILE NO. \\\TTC-FS1\THRASHER\050-5159 - GIA, INC. - GAI - THRASHER - SERP - MAPPING\SURVEY\DRAWING\SEC 10\SECT 10 SHEETS - 75-79 (11-15) REROUTE-6-6-26-15.DWG

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

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

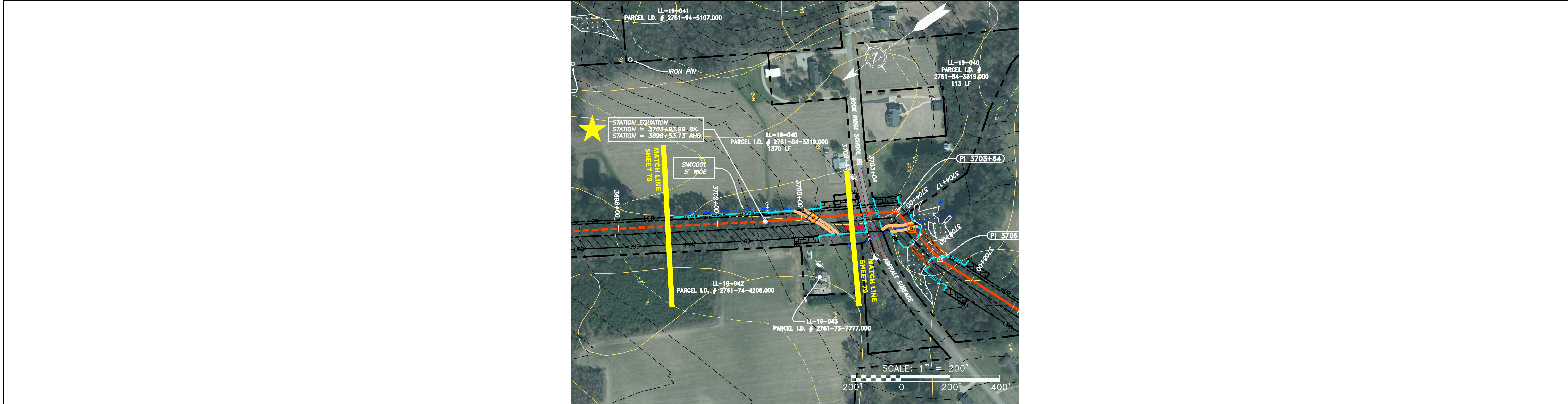


STATIONING &
CONSTRUCTION LIMITS



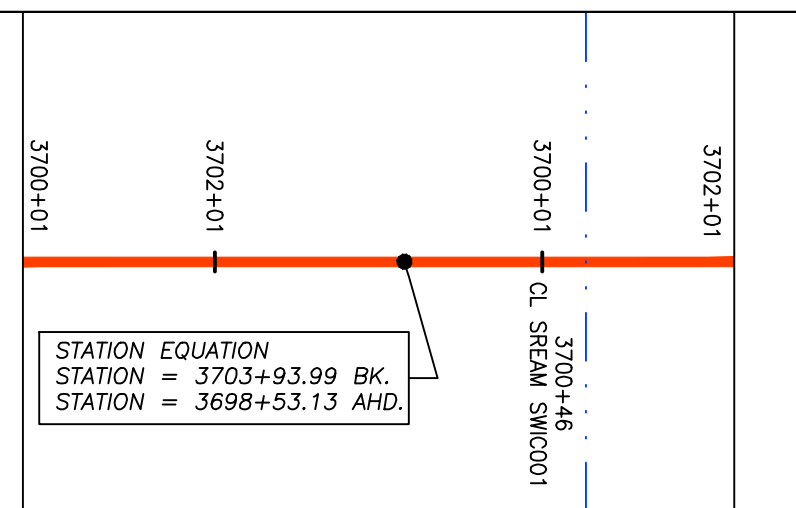
PROPERTY OWNERSHIP

LL-19-040
PARCEL I.D. # 2761-84-3319.000
1370 LF



PIPE SPECIFICATION

STRING VIEW BAND



LEGEND	
	PROPERTY LINE
	FENCE
	STREAM
	EXISTING GAS PIPELINE
	OH OVERHEAD UTILITY LINES
	ACCESS ROAD
	PROPOSED PERMANENT EASEMENT
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
	STORM SEWER
	UNDERGROUND ELECTRIC
	WATER LINE
	SAN SANITARY SEWER
	EDGE OF GRAVEL
	PROPOSED PERMANENT EASEMENT
	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
	USFWS STREAM CROSSING WITH ENHANCED CONTROLS
	CONSTRUCTION ENTRANCE WITH DITCH
	CULVERT/ WATERBAR
	LOD LIMIT OF DISTURBANCE
	BSRF BELTED SILT RETENTION FENCE (BSRF)
	COIR LOG
	COMPOST FILTER SOCK
	ORANGE SAFETY FENCE
	ROADSIDE DITCH
	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

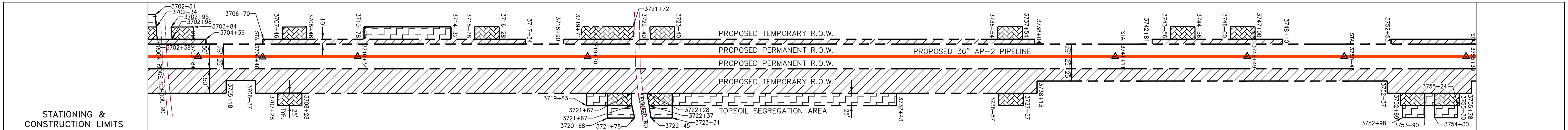
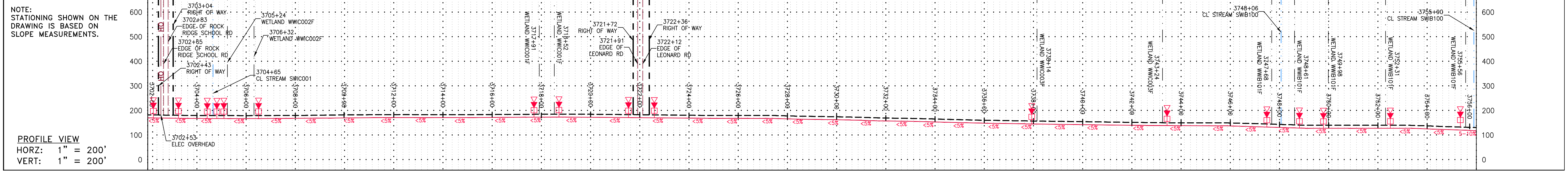
36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 3700+00 TO 3702+00
WILSON COUNTY, NORTH CAROLINA

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

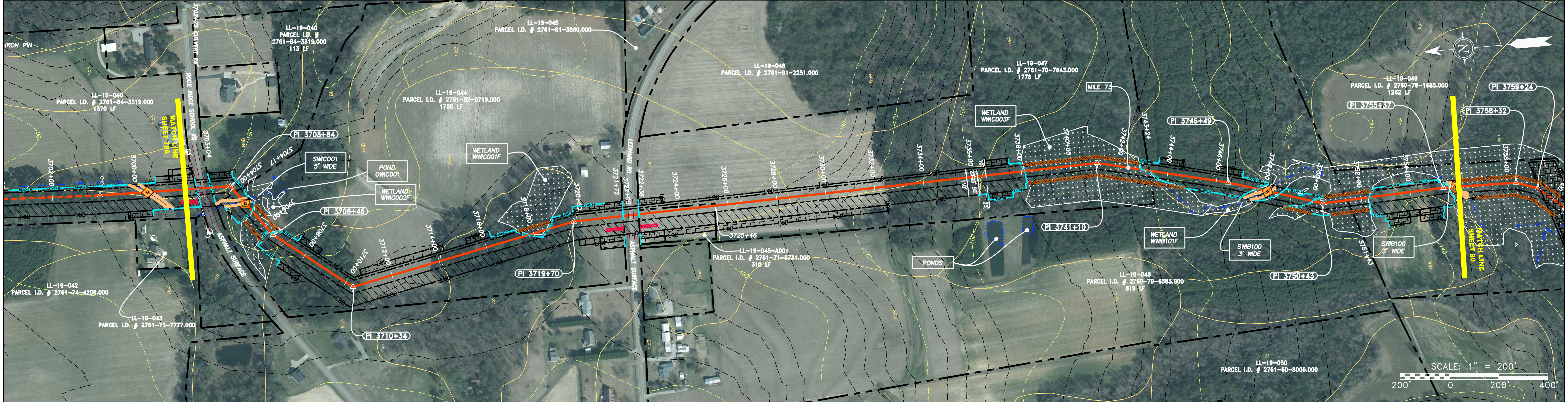
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DATE: 06/09/17
DRAWN: GPT
CHECKED: DLH
APPROVED: NET

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

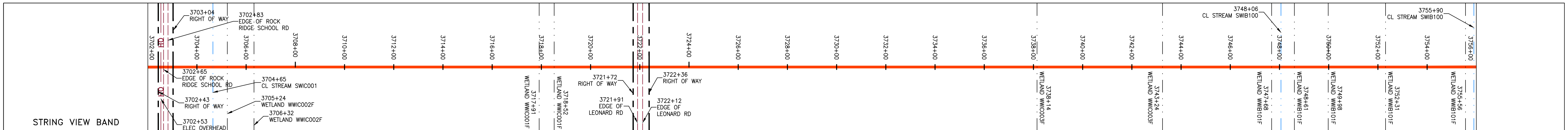
PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E078A
78A OF 189	



Parcel I.D.	Area	Area	Area	Area	Area
LL-19-040 PARCEL I.D. # 2761-84-3319.000 113 LF	LL-19-040 PARCEL I.D. # 2761-84-3319.000 1370 LF	LL-19-044 PARCEL I.D. # 2761-82-0719.000 1755 LF	LL-19-045-A001 PARCEL I.D. # 2761-71-6731.000 310 LF	LL-19-047 PARCEL I.D. # 2761-70-7643.000 1778 LF	LL-19-048 PARCEL I.D. # 2760-79-6583.000 819 LF
LL-19-049 PARCEL I.D. # 2760-78-1685.000 1262 LF					



PIPE SPECIFICATION



<p>LEGEND</p> <ul style="list-style-type: none"> — X — X — PROPERTY LINE — — — FENCE — — — STREAM — G — G — EXISTING GAS PIPELINE — OH — OH — OVERHEAD UTILITY LINES — — — ACCESS ROAD — — — PROPOSED GAS PIPELINE — — — UNDERGROUND ELECTRIC — — — WATER LINE — — — SANITARY SEWER — — — EDGE OF GRAVEL — — — PROPOSED PERMANENT EASEMENT — — — PROPOSED GAS PIPELINE (NO GROUND SURVEY) 	<ul style="list-style-type: none"> EXTRA WORK SPACE AREA OF NO DISTURBANCE WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY) TOPSOIL SEGREGATION AREA PROPOSED TEMPORARY R.O.W. UTILITY POLE 	<ul style="list-style-type: none"> ▲ PERMANENT WATERBAR/SLOPE BREAKER ▲ TEMPORARY WATERBAR/SLOPE BREAKER ▲ TRENCH BREAKER/PLUG ▲ STREAM CROSSING ▲ USFWS STREAM CROSSING WITH ENHANCED CONTROLS ▲ CONSTRUCTION ENTRANCE WITH DITCH ▲ CULVERT/ WATERBAR — LOD — LIMIT OF DISTURBANCE — BSRF — BELTED SILT RETENTION FENCE (BSRF) — COIR LOG — COIR LOG — COMPOST FILTER SOCK — COMPOST FILTER SOCK — ORANGE SAFETY FENCE — ORANGE SAFETY FENCE — ROADSIDE DITCH — ROADSIDE DITCH — CuB — SOIL TYPE 	<p>NOTES:</p> <ol style="list-style-type: none"> 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 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.
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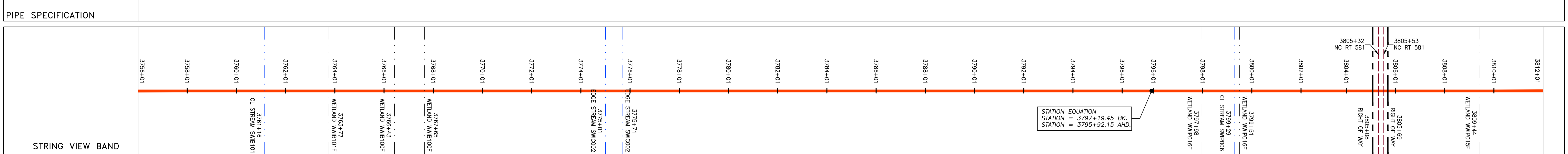
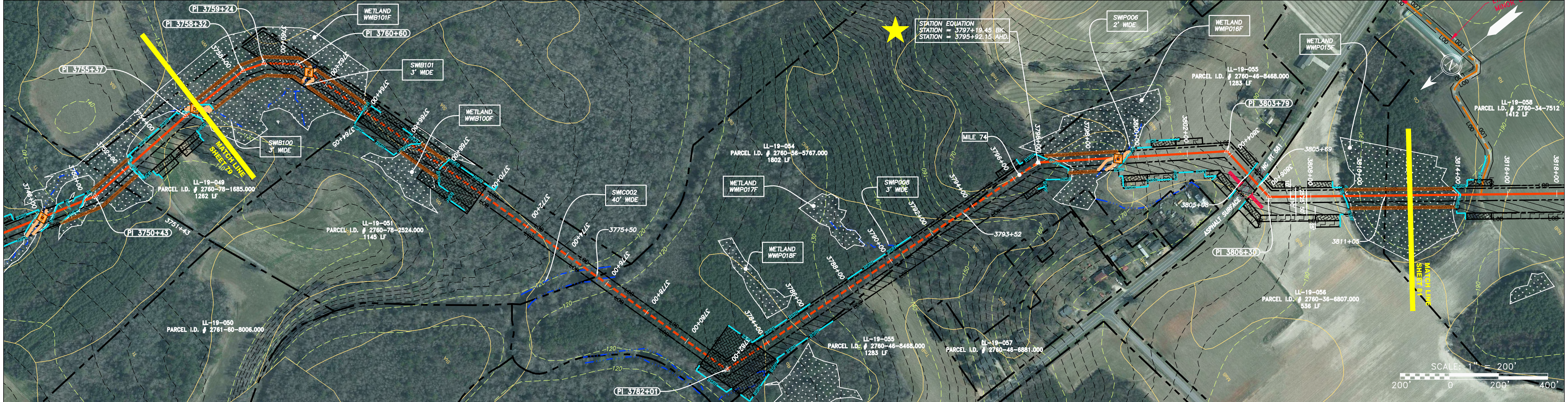
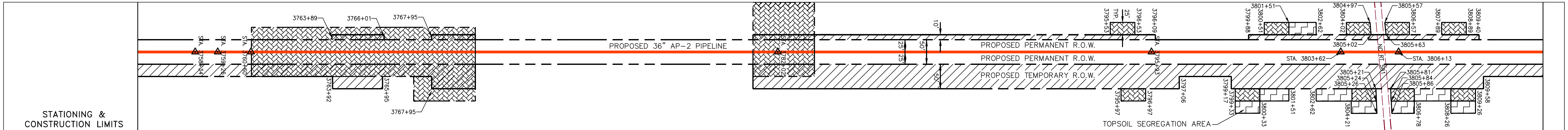
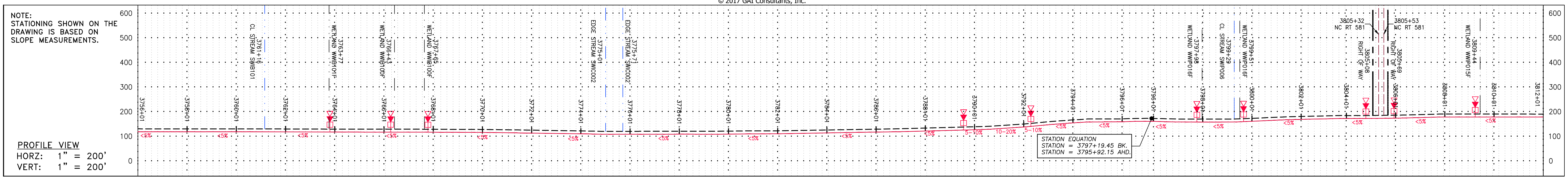
NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION

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

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

PROJECT NO./DASH NO.	140468	
TASK NO.	005	00
GROUP ID	D	E079
79	OF 189	



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

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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NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION



36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 3756+00 TO 3812+00
 WILSON COUNTY, NORTH CAROLINA
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

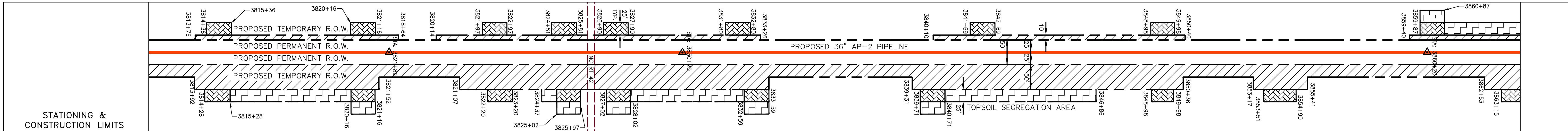
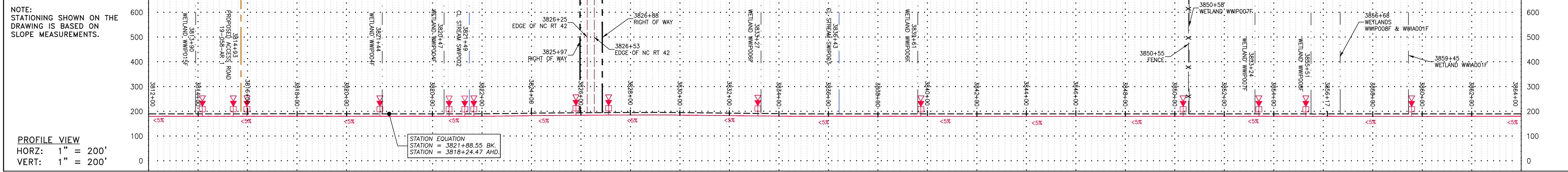
SCALE: AS SHOWN
 DATE: 06/09/17
 DRAWN: GPT
 CHECKED: DLH
 APPROVED: NET

gai consultants - NC, inc.
 4198 COX ROAD
 SUITE 114
 GLEN ALLEN, VA 23060
 804-270-9357
 N.C. COL #10-0269

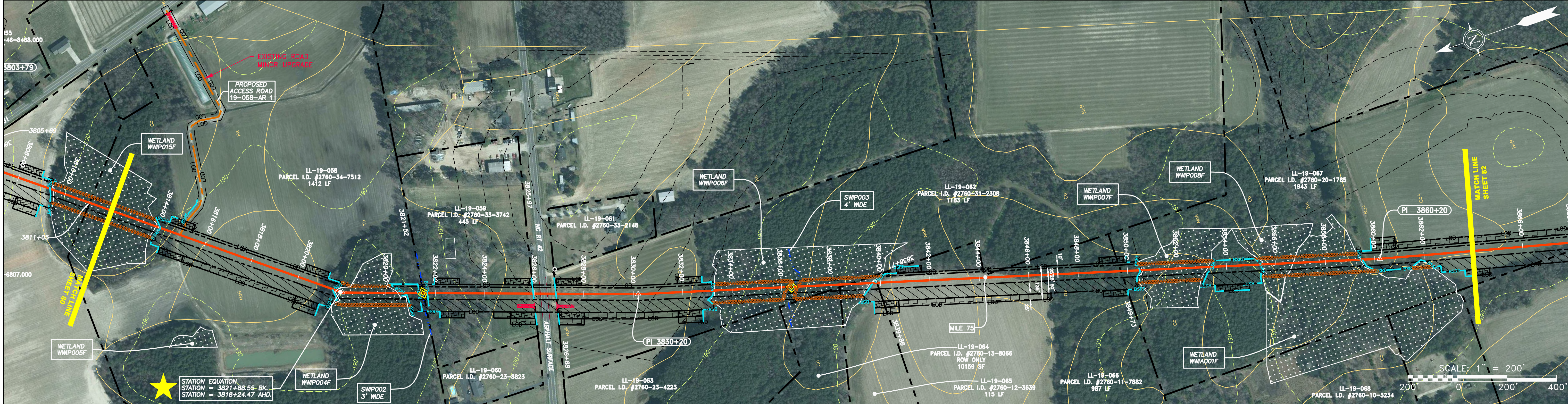
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TASK NO.	005	00
GROUP ID	D	E080
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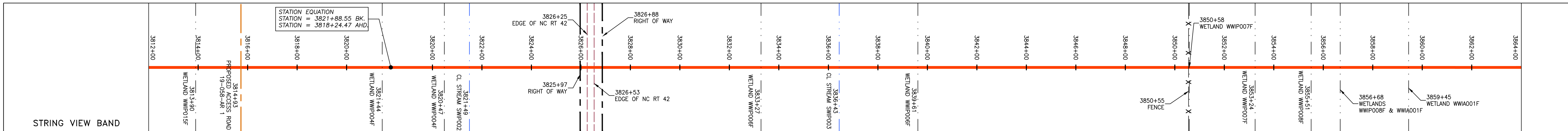
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Parcel ID	Area	Area	Area	Area	Area	Area	Area
LL-19-058	LL-19-059	LL-19-062	LL-19-064	LL-19-065	LL-19-066	LL-19-067	LL-19-068
PARCEL I.D. #2760-34-7512	PARCEL I.D. #2760-33-3742	PARCEL I.D. #2760-31-2308	PARCEL I.D. #2760-13-8066	PARCEL I.D. #2760-12-3639	PARCEL I.D. #2760-11-7882	PARCEL I.D. #2760-20-1785	PARCEL I.D. #2760-10-3234
1412 LF	445 LF	1183 LF	ROW ONLY 10159 SF	115 LF	987 LF	1943 LF	



Symbol	Description
— X — X —	PROPERTY LINE
— F — F —	FENCE
— W — W —	STREAM
— G — G —	EXISTING GAS PIPELINE
— OH — OH —	OVERHEAD UTILITY LINES
— A — A —	ACCESS ROAD
— P — P —	PROPOSED GAS PIPELINE
— E — E —	UNDERGROUND ELECTRIC
— W — W —	WATER LINE
— S — S —	SANITARY SEWER
— G — G —	EDGE OF GRAVEL
— P — P —	PROPOSED PERMANENT EASEMENT
— P — P —	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
[Hatched Box]	EXTRA WORK SPACE
[Hatched Box]	TOPSOIL SEGREGATION AREA
[Hatched Box]	AREA OF NO DISTURBANCE
[Hatched Box]	PROPOSED TEMPORARY R.O.W.
[Green Box]	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
[Circle]	UTILITY POLE
[Triangle]	PERMANENT WATERBAR/SLOPE BREAKER
[Triangle]	TEMPORARY WATERBAR/SLOPE BREAKER
[Triangle]	TRENCH BREAKER/PLUG
[Diamond]	STREAM CROSSING
[Diamond]	USFS STREAM CROSSING WITH ENHANCED CONTROLS
[Triangle]	CONSTRUCTION ENTRANCE WITH DITCH
[Triangle]	CULVERT WATERBAR
— LOD —	LIMIT OF DISTURBANCE
— BSRF —	BELTED SILT RETENTION FENCE (BSRF)
— COIR —	COIR LOG
— CFS —	COMPOST FILTER SOCK
— OSF —	ORANGE SAFETY FENCE
— RD —	ROADSIDE DITCH
— CuB —	SOIL TYPE



LEGEND

NOTES:

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

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

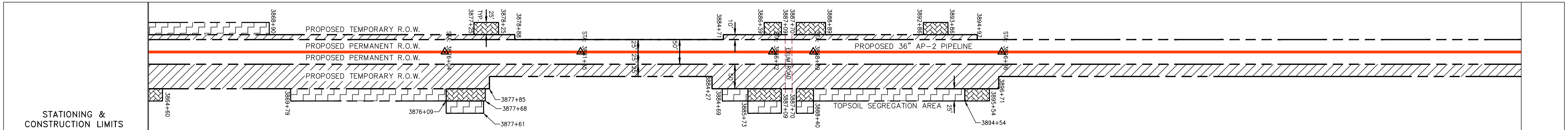
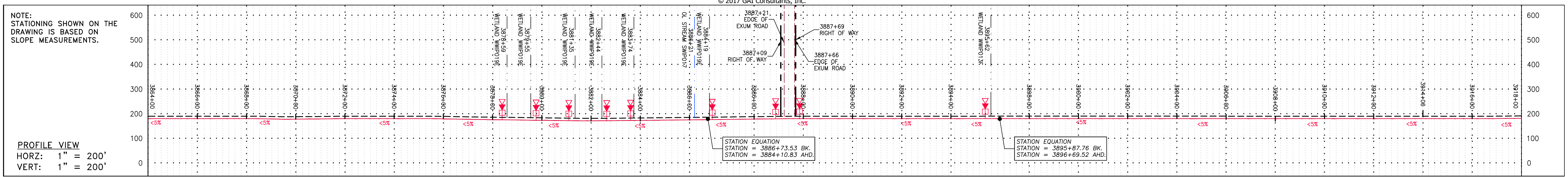


36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 3812+00 TO 3864+00
 WILSON COUNTY, NORTH CAROLINA
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

SCALE: AS SHOWN
 DATE: 06/09/17
 DRAWN: GPT
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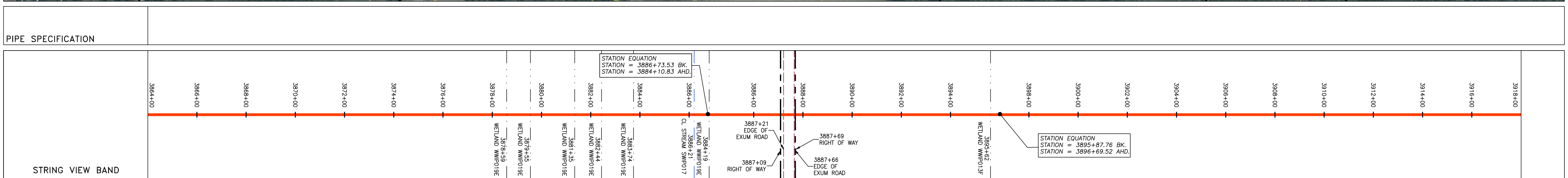
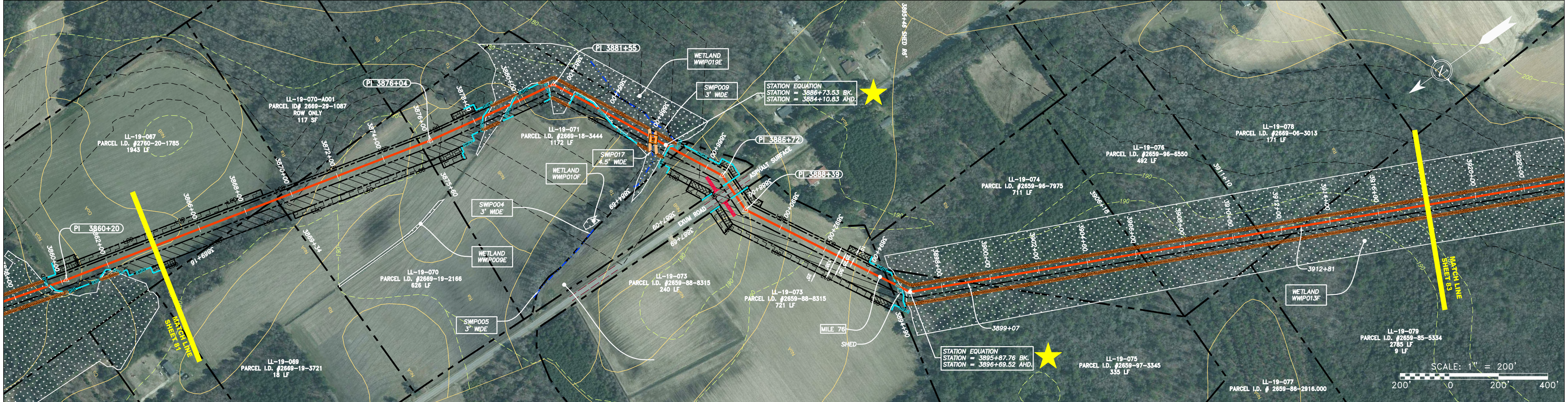
gai consultants - NC, inc.
 4198 COX ROAD
 SUITE 114
 GLEN ALLEN, VA 23060
 804-270-9357
 N.C. COL #0269

PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E081
81 OF 189	



PROPERTY OWNERSHIP

LL-19-067 PARCEL I.D. #2760-20-1785 1943 LF	LL-19-070 PARCEL I.D. #2669-19-2166 626 LF	LL-19-071 PARCEL I.D. #2669-18-3444 1172 LF	LL-19-073 PARCEL I.D. #2659-88-8315 240 LF	LL-19-073 PARCEL I.D. #2659-88-8315 721 LF	LL-19-075 PARCEL I.D. #2659-97-3345 335 LF	LL-19-074 PARCEL I.D. #2659-96-7975 711 LF	LL-19-076 PARCEL I.D. #2659-96-6550 492 LF	LL-19-078 PARCEL I.D. #2669-06-3013 171 LF	LL-19-079 PARCEL I.D. #2659-85-5334 2785 LF
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LEGEND

PROPERTY LINE	UNDERGROUND ELECTRIC	EXTRA WORK SPACE	PERMANENT WATERBAR/SLOPE BREAKER	LIMIT OF DISTURBANCE
FENCE	WATER LINE	TOPSOIL SEGREGATION AREA	TEMPORARY WATERBAR/SLOPE BREAKER	BELTED SILT RETENTION FENCE (BSRF)
STREAM	SANITARY SEWER	AREA OF NO DISTURBANCE	TRENCH BREAKER/PLUG	COIR LOG
EXISTING GAS PIPELINE	EDGE OF GRAVEL	PROPOSED TEMPORARY R.O.W.	STREAM CROSSING	COMPOST FILTER SOCK
OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT	WETLAND	USFWS STREAM CROSSING WITH ENHANCED CONTROLS	ORANGE SAFETY FENCE
ACCESS ROAD	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	UTILITY POLE	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:

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REVISIONS

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

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

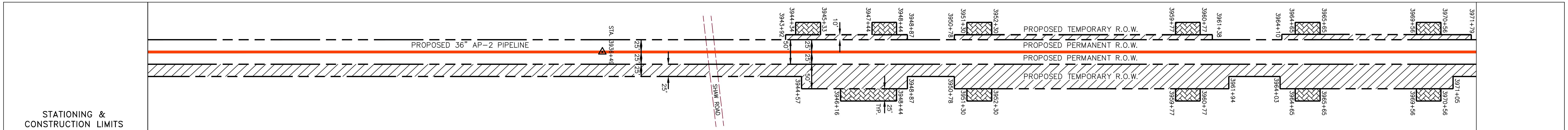
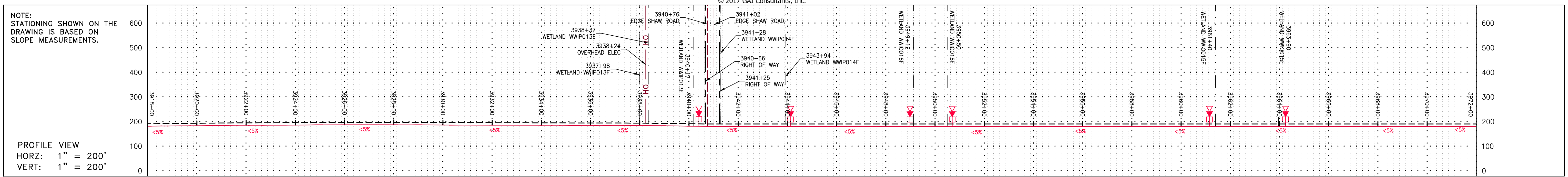
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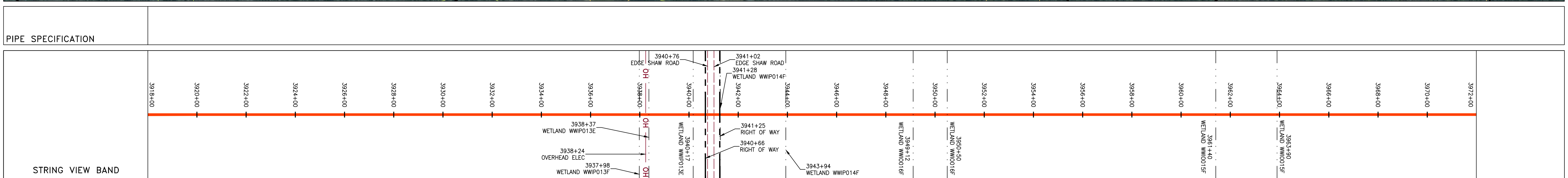
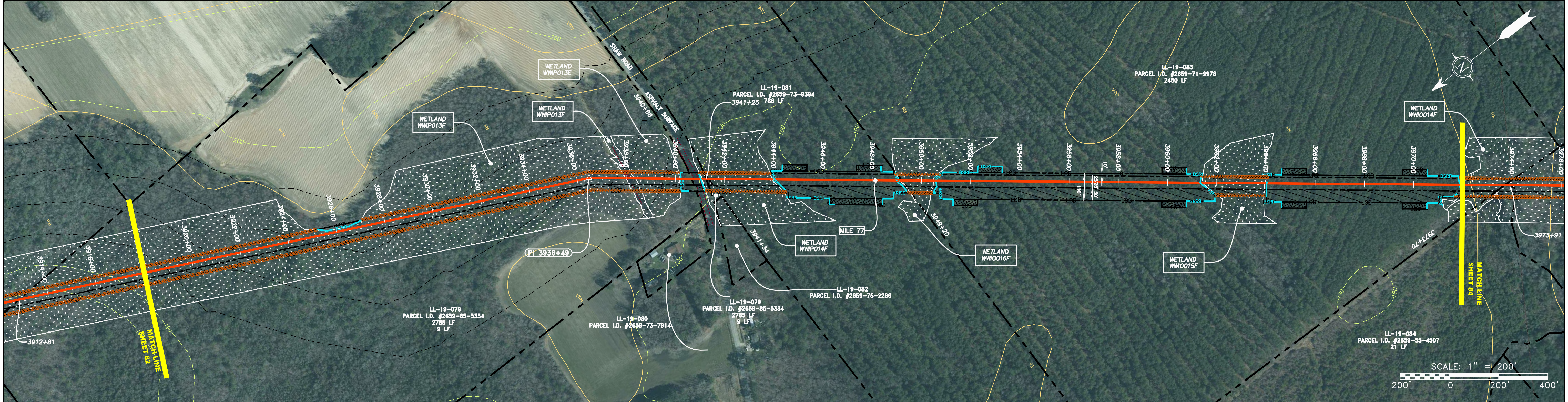
gai consultants - NC, inc.
 4198 COX ROAD
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 GLEN ALLEN, VA 23060
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ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 WILSON COUNTY, NORTH CAROLINA
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

GAI CAD FILE NO. R:\050-5159 - GAI - THRASHER - SERP - MAPPING\SURVEY_DRAWING\SEC_10\SECT 10 SHEETS - 80-84 (16-20) REROUTE.DWG



PROPERTY OWNERSHIP
LL-19-079 PARCEL I.D. #2659-85-5334 2785 LF
LL-19-081 PARCEL I.D. #2659-73-9394 786 LF
LL-19-083 PARCEL I.D. #2659-71-9978 2450 LF



LEGEND	
— X — X —	PROPERTY LINE
— E —	UNDERGROUND ELECTRIC
— W —	WATER LINE
— G — G —	EXISTING GAS PIPELINE
— SAN —	SANITARY SEWER
— OH —	OVERHEAD UTILITY LINES
—	EDGE OF GRAVEL
—	PROPOSED PERMANENT EASEMENT
—	PROPOSED GAS PIPELINE (NO GROUND SURVEY)
[Hatched Box]	EXTRA WORK SPACE
[Dotted Box]	TOPSOIL SEGREGATION AREA
[Cross-hatched Box]	AREA OF NO DISTURBANCE
[Green Box]	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
[Circle]	UTILITY POLE
[Triangle]	PERMANENT WATERBAR/SLOPE BREAKER
[Square]	TEMPORARY WATERBAR/SLOPE BREAKER
[Diamond]	TRENCH BREAKER/PLUG
[Circle]	STREAM CROSSING
[Square]	USFWS STREAM CROSSING WITH ENHANCED CONTROLS
[Triangle]	CONSTRUCTION ENTRANCE WITH DITCH
[Circle]	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]	Soil Type (CuB)

- 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 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

36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 3918+00 TO 3972+00
 WILSON COUNTY, NORTH CAROLINA
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

PROJECT NO./DASH NO.		140468
TASK NO.	SUB TASK NO.	005 00
GROUP ID	DRAWING NO.	D E083
83	OF	189