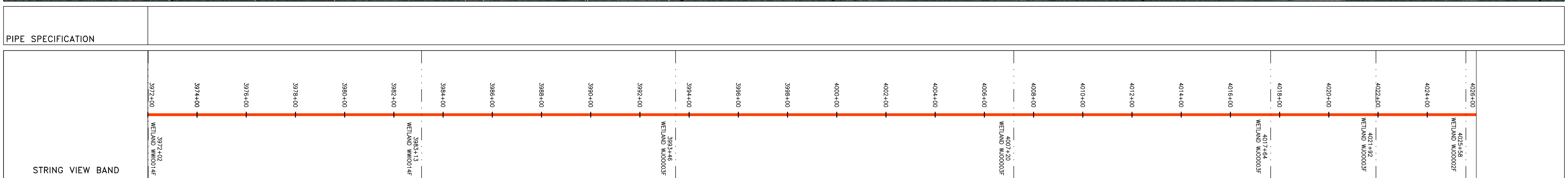
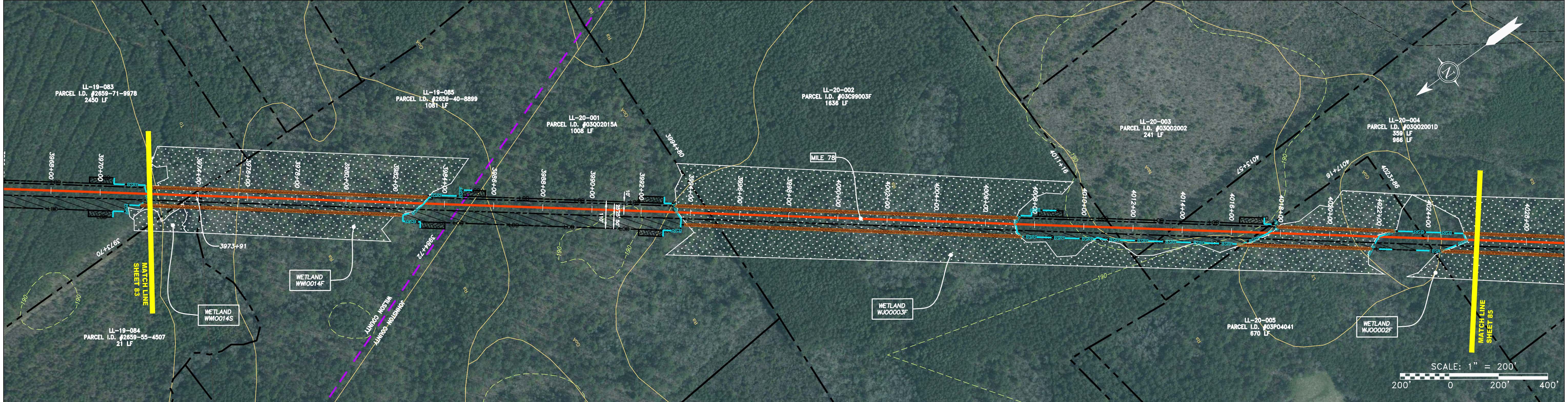
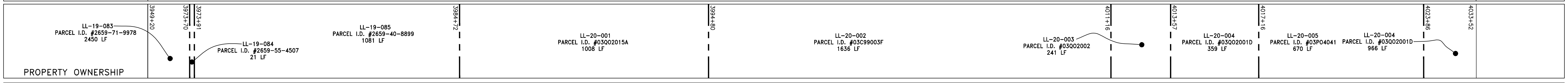
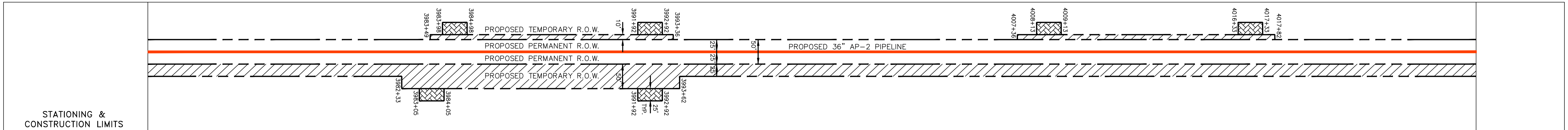
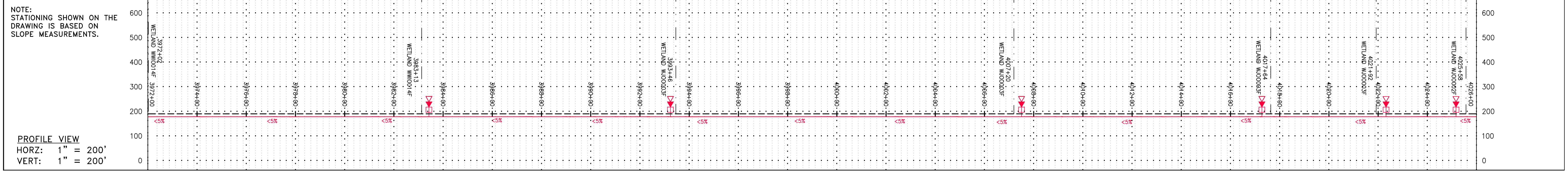


GAI CAD FILE NO. R:\050-5159 - GAI - THRASHER - SERP - MAPPING\SURVEY DRAWING\SEC 10\SECT 10 SHEETS - 80-84 (16-20) REROUTE.DWG

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LEGEND 		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. 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. 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.
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REVISIONS	
NO.	DATE
DWN.	CHKD.
APPD.	DESCRIPTION

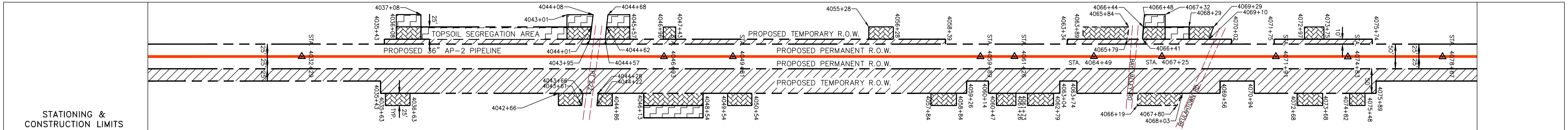
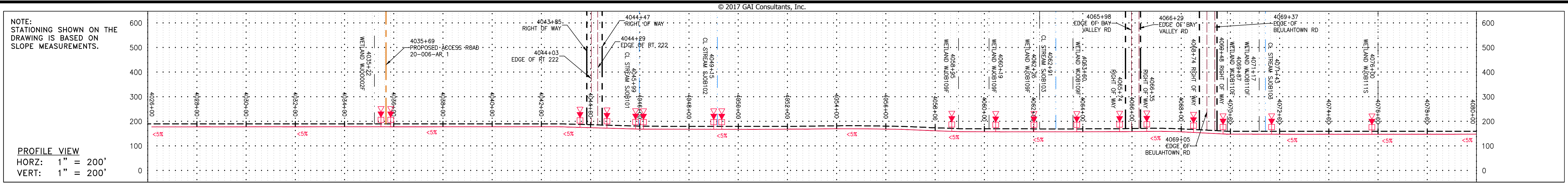
36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 3972+00 TO 4026+00
 WILSON & JOHNSTON COUNTY, NORTH CAROLINA
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

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

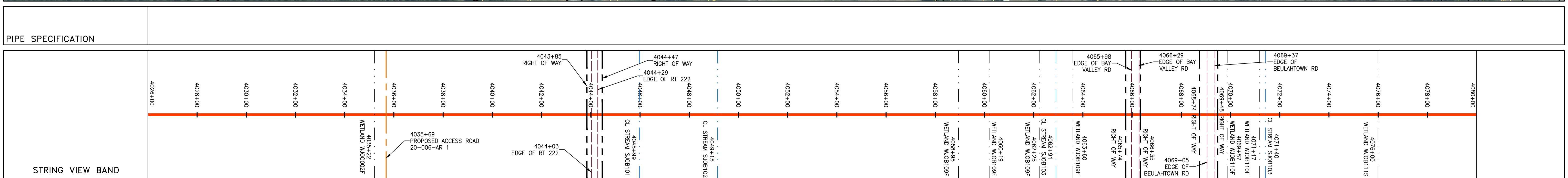
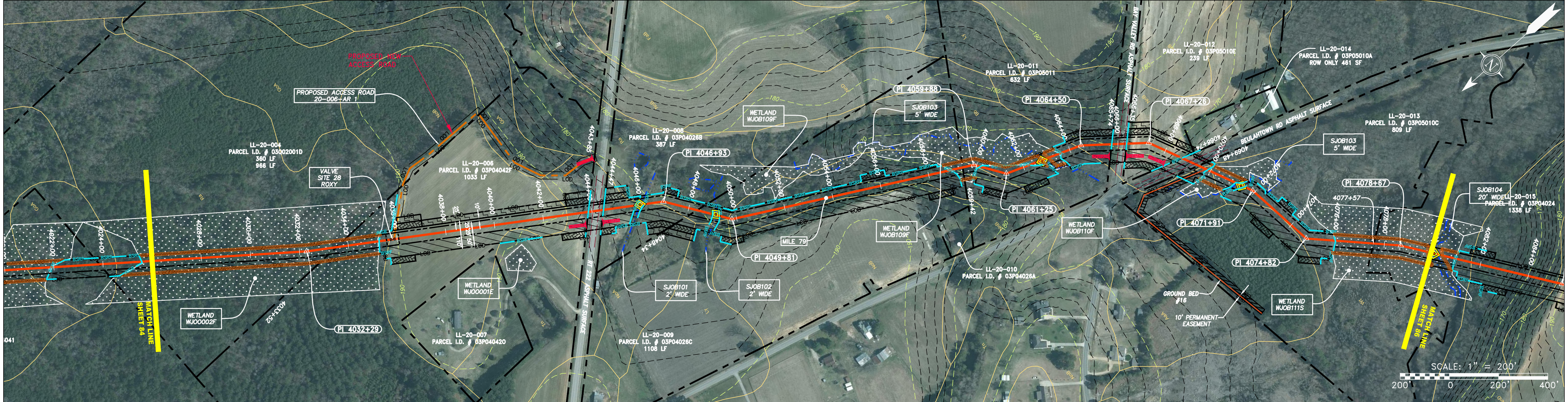
gai consultants - NC, inc.
 4198 COX ROAD
 SUITE 114
 GLEN ALLEN, VA 23060
 804-270-9357
 N.C. COL #0269

PROJECT NO./DASH NO.	140468	
TASK NO.	005	00
GROUP ID	D	E084
84	OF	189

GAI CAD FILE NO. \ITG-FS\THRASHER\050-5159 - GIA, INC. - GAI - THRASHER - MAPPING SURVEY DRAWING SEC 10 SECT 10 SHEETS - 85-89 (21-25) - REROUTE 6-25-15.DWG



PROPERTY OWNERSHIP table listing parcel IDs and owners: LL-20-004 (966 LF), LL-20-006 (1033 LF), LL-20-008 (387 LF), LL-20-009 (1108 LF), LL-20-011 (632 LF), LL-20-012 (239 LF), LL-20-014 (461 SF), LL-20-013 (809 LF), LL-20-015 (1338 LF).



LEGEND: PROPERTY LINE, FENCE, STREAM, EXISTING GAS PIPELINE, 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), 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 WITH ENHANCED CONTROLS, CONSTRUCTION ENTRANCE WITH DITCH, CULVERT/WATERBAR, LOD, BSRF, COIR LOG, COMPOST FILTER SOCK, ORANGE SAFETY FENCE, ROADSIDE DITCH, LIMIT OF DISTURBANCE, BELTED SILT RETENTION FENCE (BSRF), SOIL TYPE.

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



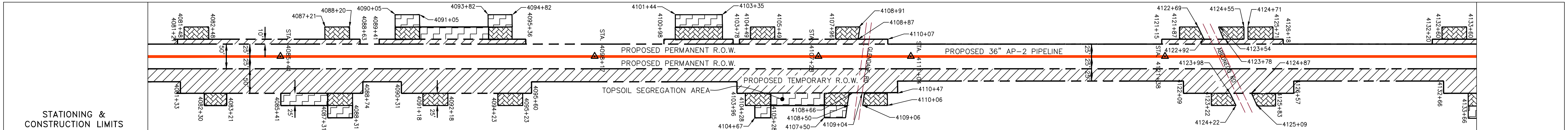
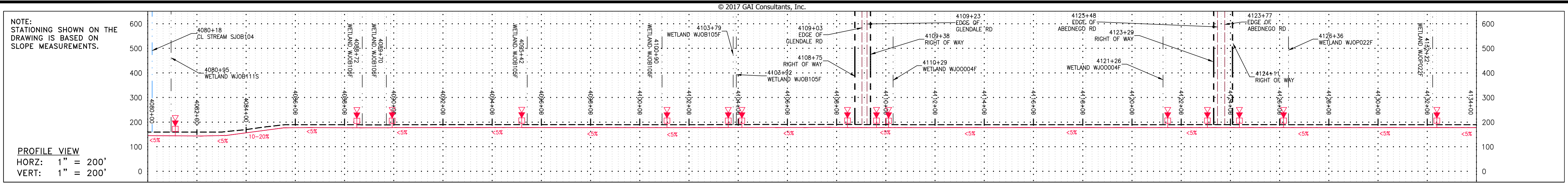
36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 4028+00 TO 4080+00
ATLANTIC COAST PIPELINE, LLC
C/O DOMINION TRANSMISSION, INC.
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

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

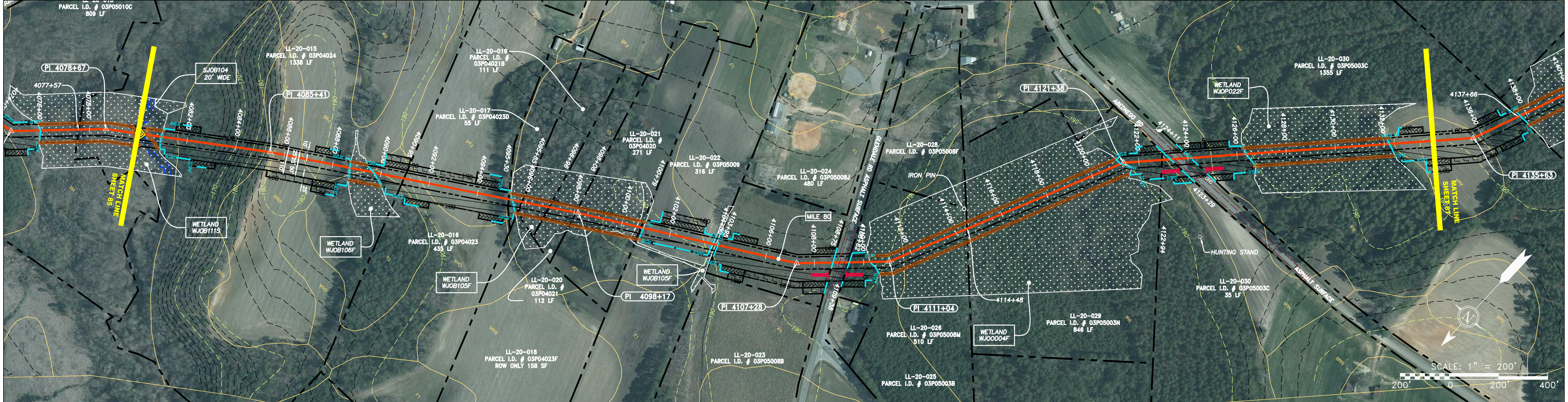
gai consultants - NC, inc.
4198 COX ROAD
SUITE 114
GLEN ALLEN, VA 23060
804-270-9357
N.C. COL #10-0269

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TASK NO. SUB TASK NO. 005 00
GROUP ID DRAWING NO. D E085
85 OF 189

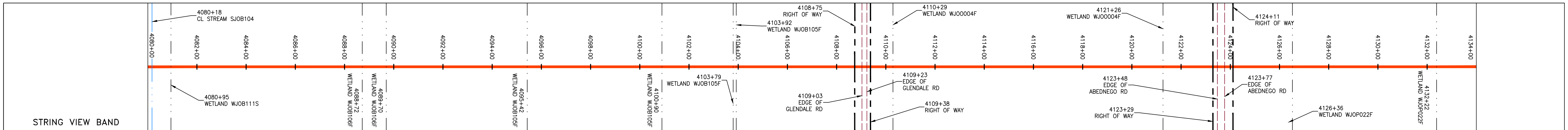
GAI CAD FILE NO. \ITG-FS\THRASHER\050-5159 - GAI, INC. - SERP - MAPPING\SURVEY\DRAWING\SEC 10\SECT 10 SHEETS - 85 - 89 (21-25) - REROUTE 6-25-15.DWG



PARCEL I.D. #	AREA	SIZE
LL-20-015	PARCEL I.D. # 03P04024	1338 LF
LL-20-019	PARCEL I.D. # 03P04021B	111 LF
LL-20-017	PARCEL I.D. # 03P04023D	55 LF
LL-20-016	PARCEL I.D. # 03P04023	435 LF
LL-20-020	PARCEL I.D. # 03P04021	112 LF
LL-20-021	PARCEL I.D. # 03P04020	271 LF
LL-20-018	PARCEL I.D. # 03P04023F	ROW ONLY 158 SF
LL-20-022	PARCEL I.D. # 03P05009	316 LF
LL-20-024	PARCEL I.D. # 03P05008J	480 LF
LL-20-026	PARCEL I.D. # 03P05008M	510 LF
LL-20-028	PARCEL I.D. # 03P05003N	846 LF
LL-20-030	PARCEL I.D. # 03P05003C	35 LF
LL-20-030	PARCEL I.D. # 03P05003C	1355 LF



PIPE SPECIFICATION



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	UTILITY POLE	TRENCH BREAKER/PLUG	COIR LOG
EXISTING GAS PIPELINE	EDGE OF GRAVEL	WETLAND (EDGE SHOWN TO PROVIDE CLARITY ONLY)		STREAM CROSSING WITH ENHANCED CONTROLS	COMPOSITE FILTER SOCK
OVERHEAD UTILITY LINES	PROPOSED PERMANENT EASEMENT			CONSTRUCTION ENTRANCE WITH DITCH	ORANGE SAFETY FENCE
ACCESS ROAD	PROPOSED GAS PIPELINE (NO GROUND SURVEY)			CULVERT/WATERBAR	ROADSIDE DITCH
PROPOSED GAS PIPELINE					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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NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION

PROJECT NO./DASH NO.
140468

TASK NO. SUB TASK NO.
005 00

GROUP ID DRAWING NO.
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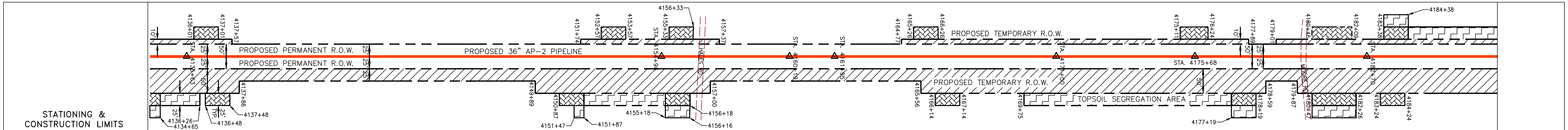
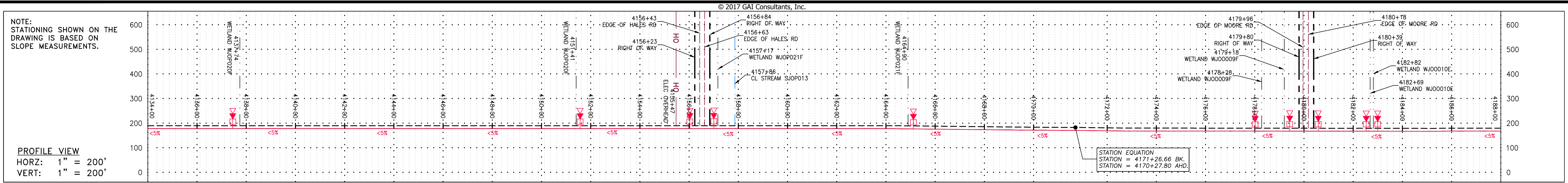
86 OF 189

36" AP-2 PIPELINE
 CONSTRUCTION ALIGNMENT STA 4080+00 TO 4134+00
 JOHNSTON COUNTY, NORTH CAROLINA
 ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

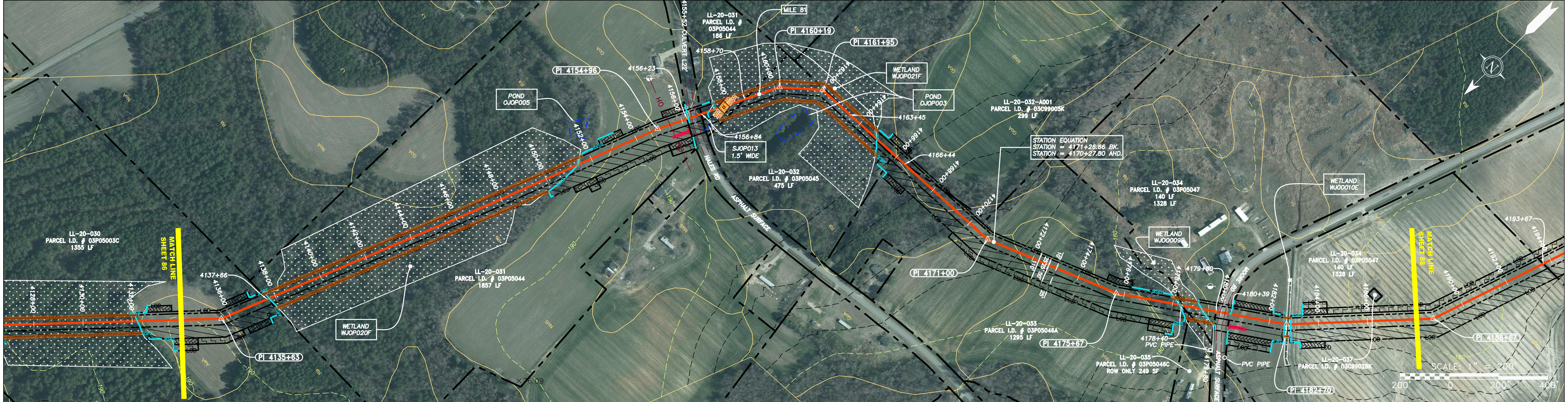
SCALE: AS SHOWN
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gai consultants - NC, inc.
 4198 COX ROAD
 SUITE 114
 GLEN ALLEN, VA 23060
 804-270-9357
 N.C. COL #02-069

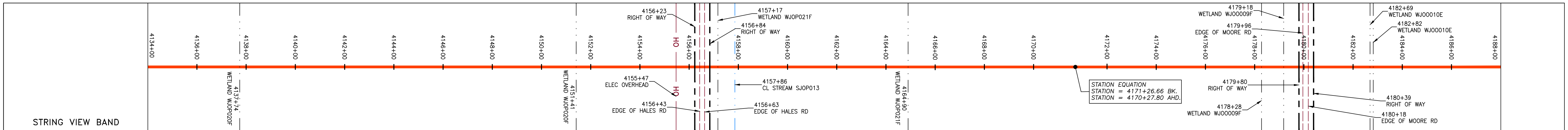
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PROPERTY OWNERSHIP table listing parcel IDs and areas for various landowners including LL-20-030, LL-20-031, LL-20-032, LL-20-033, LL-20-034, and LL-20-035.



PIPE SPECIFICATION table detailing the proposed gas pipeline and other infrastructure elements.



LEGEND, NOTES, and REVISIONS section. Includes symbols for property lines, fences, streams, gas pipelines, wetlands, and various construction features. Also contains a list of 10 notes and a revision table.

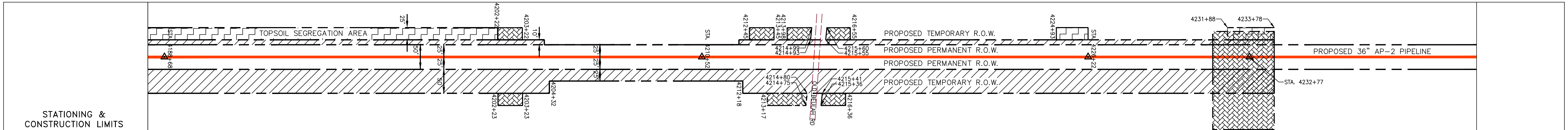
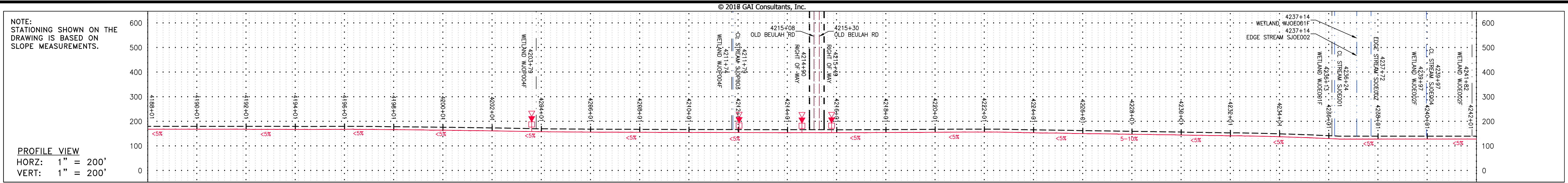
REVISIONS table with columns for NO., DATE, DWN., CHKD., APPD., and DESCRIPTION.

Professional Engineer seal for GAI CONSULTANTS, INC. and project information: 36" AP-2 PIPELINE, CONSTRUCTION ALIGNMENT STA 4134+00 TO 4189+00, ATLANTIC COAST PIPELINE, LLC.

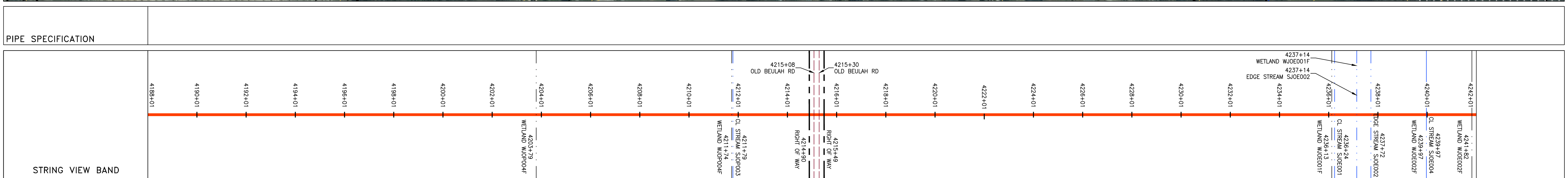
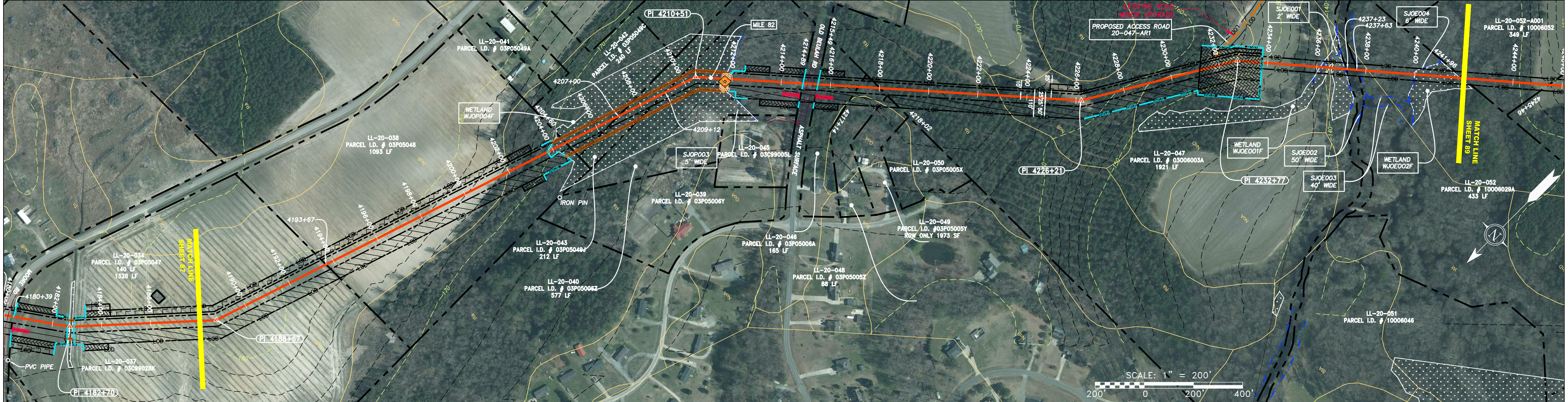
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GAI CAD FILE NO. \ITG-FS\THRASHER\050-5159 - GIA, INC. - GAI - THRASHER - SERP - MAPPING\SURVEY\DRAWING\SEC 10\SECT 10 SHEETS - 85-89 (21-25) - REROUTE 6-25-15.DWG



PROPERTY OWNERSHIP	PARCEL I.D. #	AREA (LF)
LL-20-034	03P05047	1328 LF
LL-20-038	03P05048	1093 LF
LL-20-042	03P05049C	240 LF
LL-20-043	03P05049J	212 LF
LL-20-040	03P05006Z	577 LF
LL-20-046	03P05006A	165 LF
LL-20-048	03P05005Z	88 LF
LL-20-049	03P05005Y	ROW ONLY 1973 SF
LL-20-047	03O06003A	1921 LF
LL-20-052	10006029A	433 LF
LL-20-052-A001	10006052	349 LF



LEGEND

	PROPERTY LINE		STORM SEWER
	FENCE		UNDERGROUND ELECTRIC
	STREAM		WATER LINE
	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)

	EXTRA WORK SPACE		TOPSOIL SEGREGATION AREA
	AREA OF NO DISTURBANCE		PROPOSED TEMPORARY R.O.W.
	WETLAND <small>(COLOR SHOWN TO PROVIDE CLARITY ONLY)</small>		UTILITY POLE

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	

36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 4188+00 TO 4242+00
 JOHNSTON COUNTY, NORTH CAROLINA
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

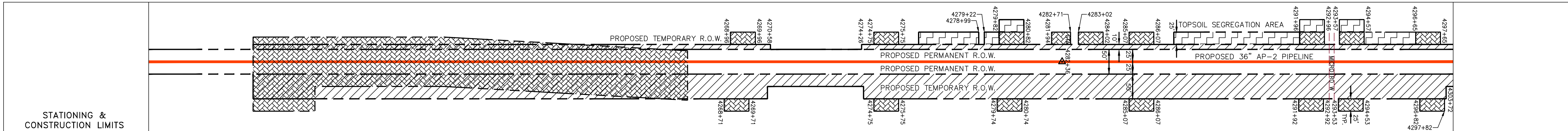
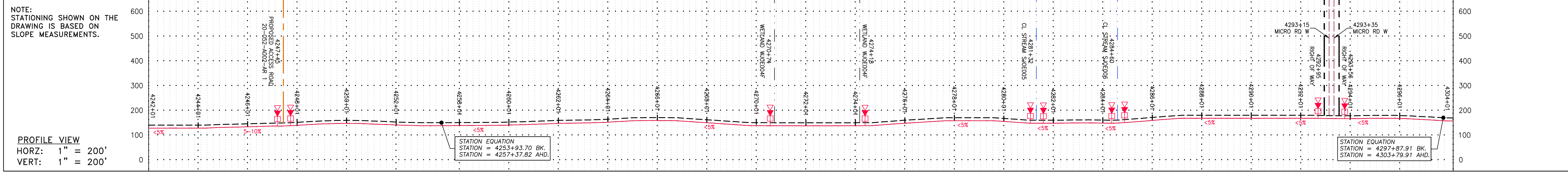
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DRAWN:	GPT
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APPROVED:	NET

gai consultants - NC, inc.
 4198 COX ROAD
 SUITE 114
 GLEN ALLEN, VA 23060
 804-270-9357
 N.C. COL #06-0269

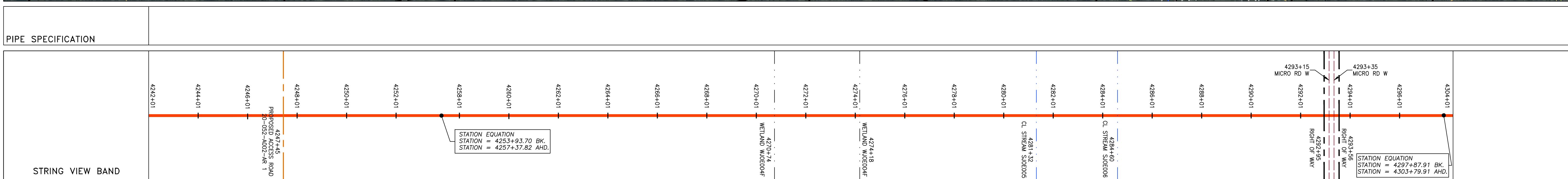
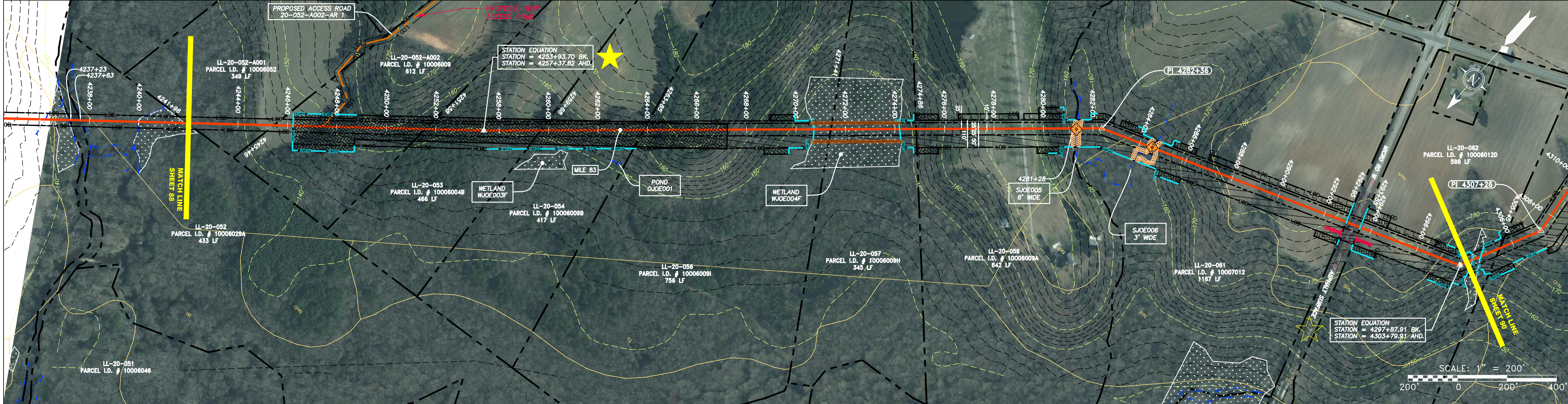
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TASK NO.	005	SUB TASK NO. 00
GROUP ID	D	DRAWING NO. E088
88		OF 189

GAI CAD FILE NO. \ITG-FS\THRASHER\050-5159 - GIA, INC. - SERP - MAPPING\SURVEY\DRAWING\SEC 10\SECT 10 SHEETS - 85-89 (21-25) - REROUTE 6-25-15.DWG

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Parcel I.D.	Parcel I.D.	Parcel I.D.	Parcel I.D.	Parcel I.D.	Parcel I.D.	Parcel I.D.	Parcel I.D.	Parcel I.D.	Parcel I.D.	Parcel I.D.
LL-20-052-A001 PARCEL I.D. # 10006052 349 LF	LL-20-052-A002 PARCEL I.D. # 10006009 612 LF	LL-20-053 PARCEL I.D. # 10006004B 466 LF	LL-20-054 PARCEL I.D. # 10006009B 417 LF	LL-20-056 PARCEL I.D. # 10006009I 756 LF	LL-20-057 PARCEL I.D. # 10006009H 345 LF	LL-20-059 PARCEL I.D. # 10006009A 642 LF	LL-20-061 PARCEL I.D. # 10007012 1167 LF	LL-20-062 PARCEL I.D. # 10006012D 598 LF		



<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"> — LOD — LOD — LIMIT OF DISTURBANCE — BSRF — BSRF — BELTED SILT RETENTION FENCE (BSRF) — CL — CL — COIR LOG — CF — CF — COMPOST FILTER SOCK — OS — OS — ORANGE SAFETY FENCE — RD — RD — ROADSIDE DITCH — CuB — CuB — SOIL TYPE 	<ul style="list-style-type: none"> — PWB — PWB — PERMANENT WATERBAR/SLOPE BREAKER — TWB — TWB — TEMPORARY WATERBAR/SLOPE BREAKER — TB — TB — TRENCH BREAKER/PLUG — SC — SC — STREAM CROSSING — USFC — USFC — USFWS STREAM CROSSING WITH ENHANCED CONTROLS — CED — CED — CONSTRUCTION ENTRANCE WITH DITCH — CW — CW — CULVERT/WATERBAR 	<ul style="list-style-type: none"> — AS — AS — AREA OF NO DISTURBANCE — W — W — WETLAND — TOSA — TOSA — TOPSOIL SEGREGATION AREA — PTR — PTR — PROPOSED TEMPORARY R.O.W. — UP — UP — UTILITY POLE
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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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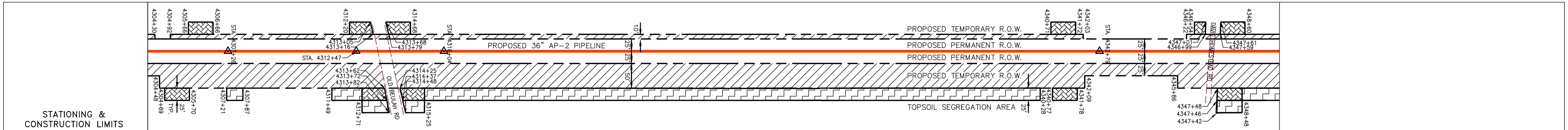
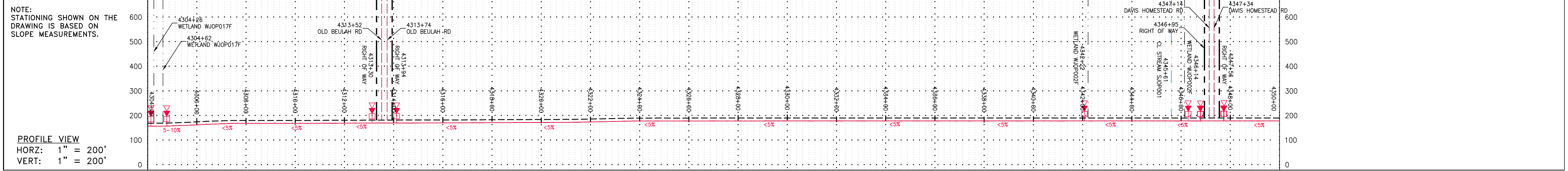
NO.	DATE	APPD.	CHKD.	DESCRIPTION

36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 4242+00 TO 4304+00
 JOHNSTON COUNTY, NORTH CAROLINA
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

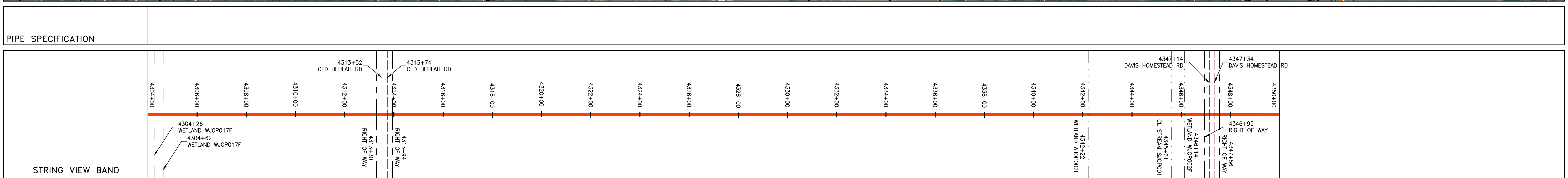
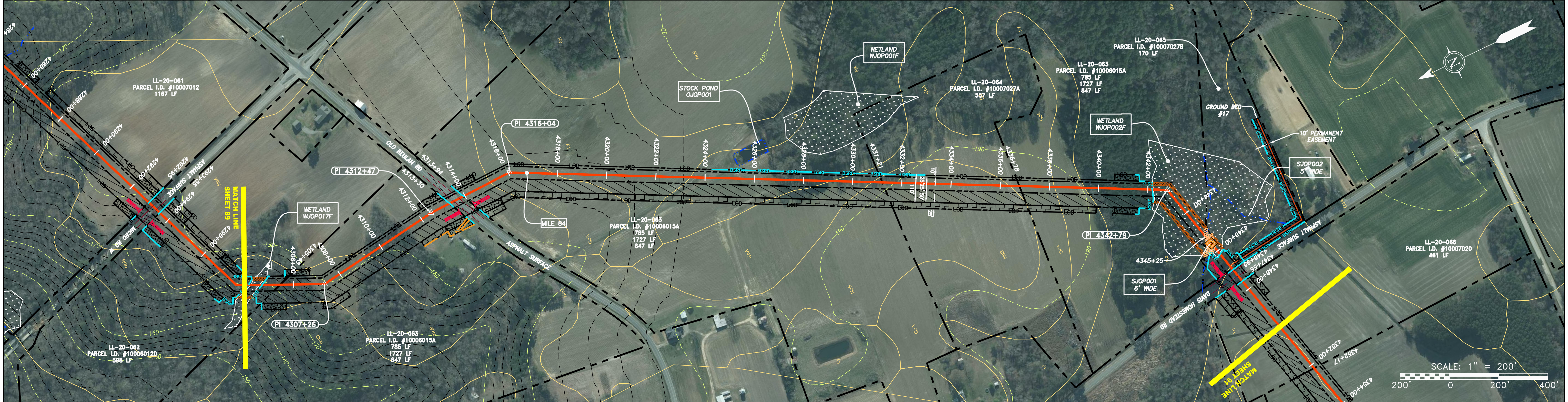
SCALE:	AS SHOWN
DATE:	06/09/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

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

PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E089
89 OF 189	



PROPERTY OWNERSHIP	PARCEL I.D. #	AREA (LF)
LL-20-062	#100060120	598 LF
LL-20-063	#10006015A	785 LF
LL-20-064	#10007027A	557 LF
LL-20-065	#10006015A	847 LF
LL-20-065	#10007027B	170 LF
LL-20-066	#10007020	461 LF



<p>LEGEND</p> <ul style="list-style-type: none"> — X — X — PROPERTY LINE — — — 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) 	<ul style="list-style-type: none"> [Symbol] EXTRA WORK SPACE [Symbol] AREA OF NO DISTURBANCE [Symbol] WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY) [Symbol] TOPSOIL SEGREGATION AREA [Symbol] PROPOSED TEMPORARY R.O.W. [Symbol] 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"> [Symbol] PERMANENT WATERBAR/SLOPE BREAKER [Symbol] TEMPORARY WATERBAR/SLOPE BREAKER [Symbol] TRENCH BREAKER/PLUG [Symbol] STREAM CROSSING [Symbol] USFWS STREAM CROSSING WITH ENHANCED CONTROLS [Symbol] CONSTRUCTION ENTRANCE WITH DITCH [Symbol] CULVERT/ WATERBAR — LOD — LIMIT OF DISTURBANCE — BSRF — BELTED SILT RETENTION FENCE (BSRF) [Symbol] COIR LOG [Symbol] COMPOST FILTER SOCK [Symbol] ORANGE SAFETY FENCE [Symbol] ROADSIDE DITCH [Symbol] 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 SEDIMENTATION 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	BY	CHKD.	APPVD.	DESCRIPTION

36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 4304+00 TO 4350+00

JOHNSTON 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 #P-0269

PROJECT NO./DASH NO.
140468

TASK NO. SUB TASK NO.
005 00

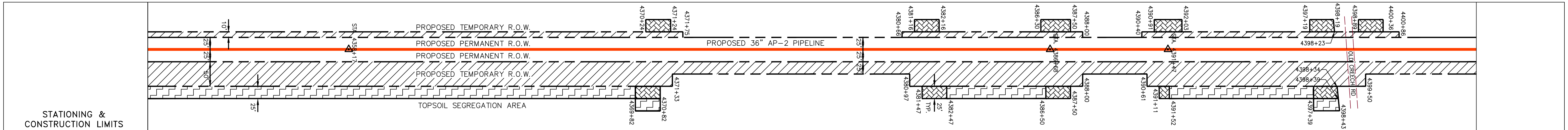
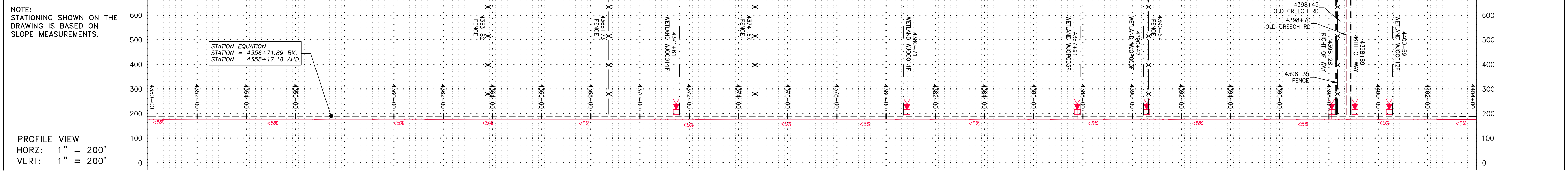
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90 OF 189

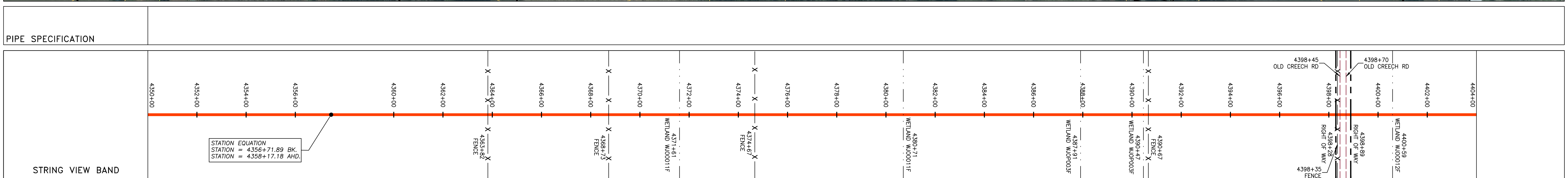
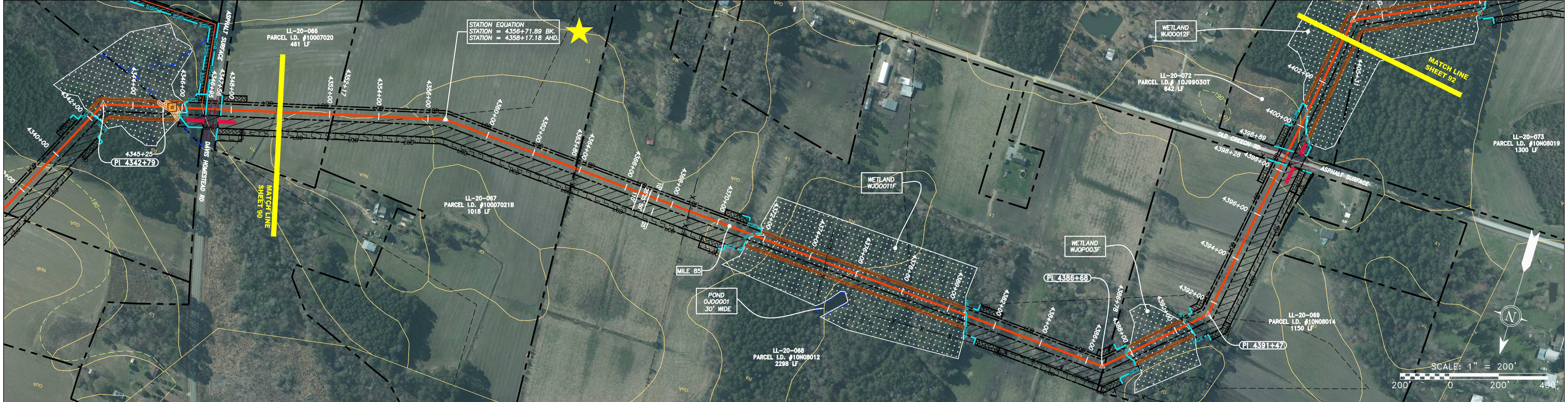
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GAI CAD FILE NO. \ITG-FS\THRASHER\050-5159 - GAI, INC. - SERP - MAPPING\SURVEY\DRAWING\SEC 10\SECT 10 SHEETS - 90-94 (26-30).DWG

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PROPERTY OWNERSHIP	PARCEL I.D. #	AREA (LF)
LL-20-066	#10007020	461 LF
LL-20-067	#10007021B	1018 LF
LL-20-068	#10N08012	2298 LF
LL-20-069	#10N08014	1150 LF
LL-20-072	#10J99030T	642 LF
LL-20-073	#10N08019	1300 LF



<p>LEGEND</p> <ul style="list-style-type: none"> — X — X — PROPERTY LINE — F — FENCE — S — STREAM — G — G — EXISTING GAS PIPELINE — OH — OVERHEAD UTILITY LINES — — ACCESS ROAD — — PROPOSED GAS PIPELINE — E — UNDERGROUND ELECTRIC — W — WATER LINE — SAN — 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 COMPOST FILTER SOCK ORANGE SAFETY FENCE ROADSIDE DITCH Soil Type (CuB)
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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.
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NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION

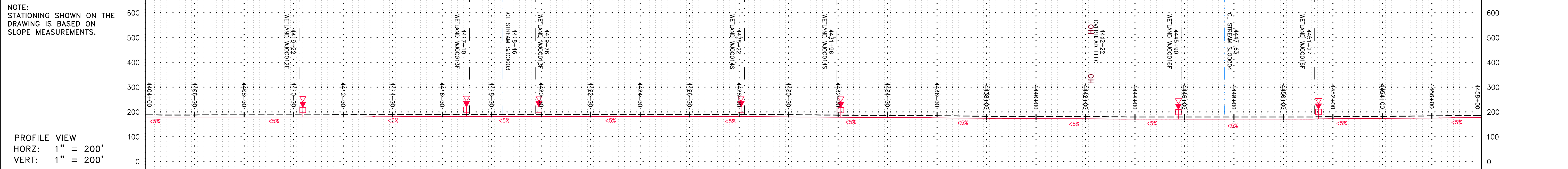


36" AP-2 PIPELINE
CONSTRUCTION ALIGNMENT STA 4350+00 TO 4404+00
 JOHNSTON COUNTY, NORTH CAROLINA
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

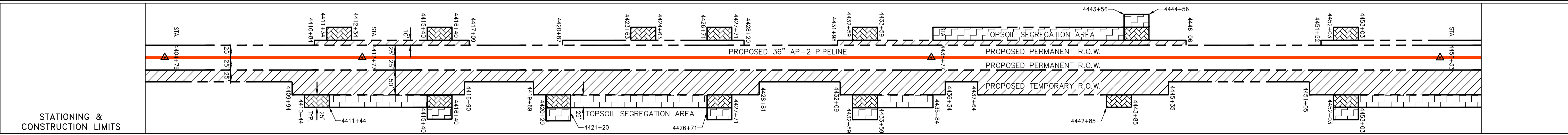
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 DATE: 06/09/17
 DRAWN: GPT
 CHECKED: DLH
 APPROVED: NET

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

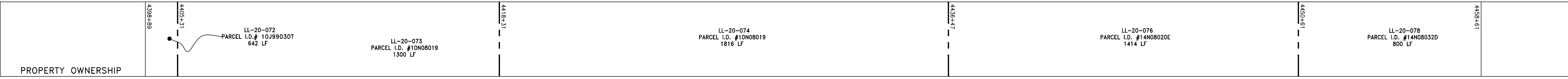
PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E091
91 OF 189	



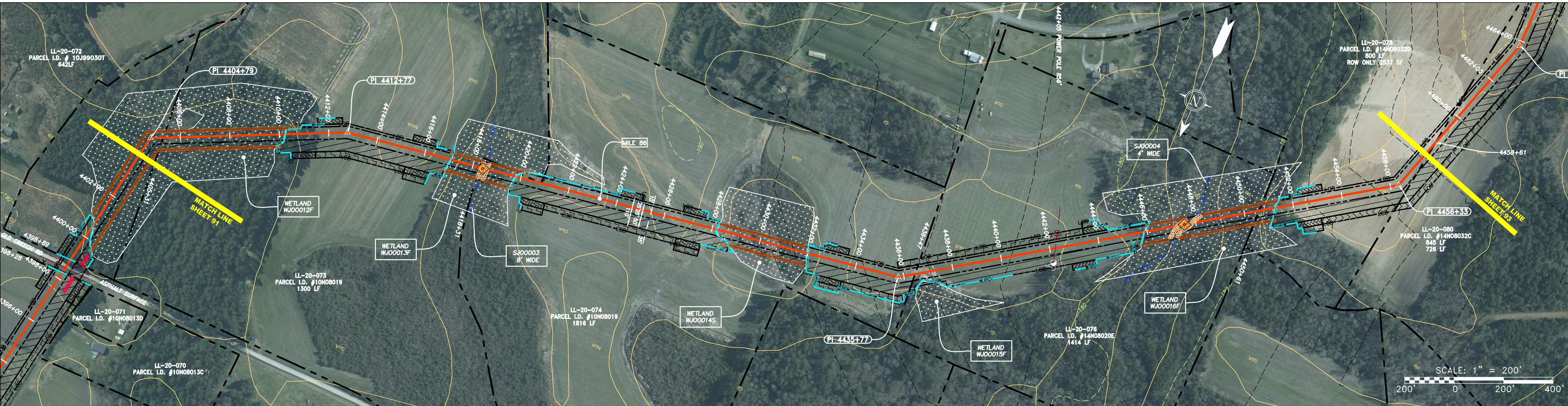
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PROFILE VIEW
HORZ: 1" = 200'
VERT: 1" = 200'



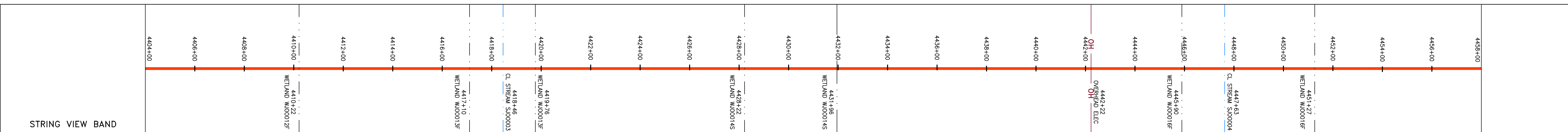
STATIONING & CONSTRUCTION LIMITS



PROPERTY OWNERSHIP



PIPE SPECIFICATION



LEGEND section containing symbols and descriptions for property lines, fences, streams, gas pipelines, wetlands, and various construction features like waterbars, culverts, and easements.

NOTES:

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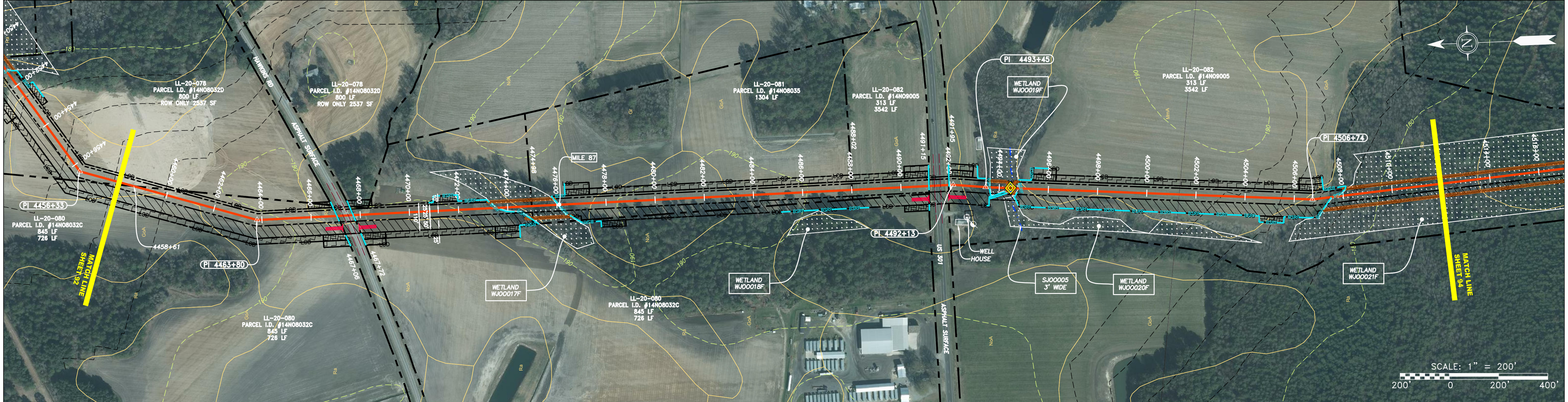
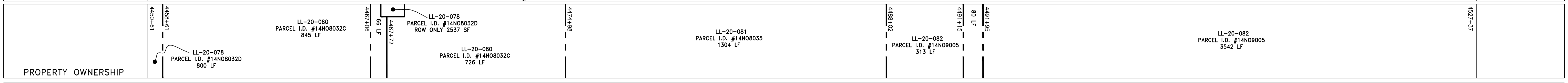
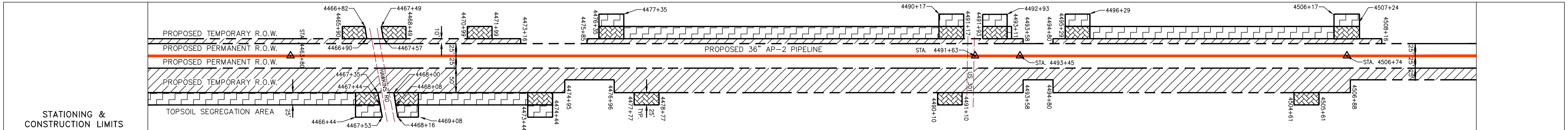
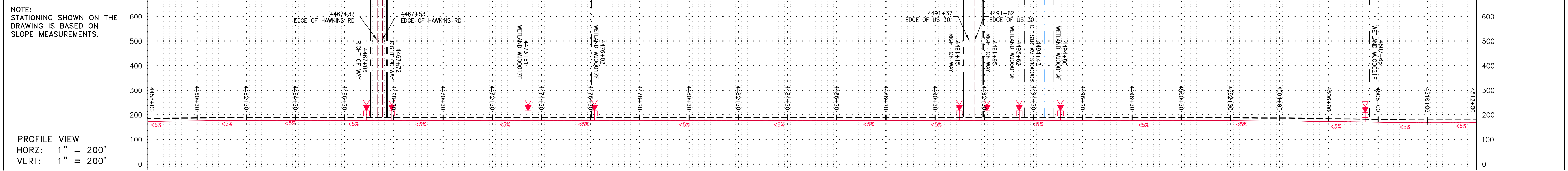
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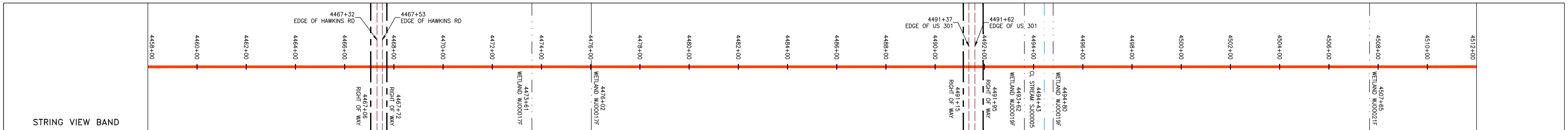
Scale: AS SHOWN, Date: 06/09/17, Drawn: GPT, Checked: DLH, Approved: NET.

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

PROJECT NO./DASH NO. 140468, TASK NO. 005, SUB TASK NO. 00, GROUP ID D, DRAWING NO. E092, 92 OF 189.



PIPE SPECIFICATION
4458+00
4460+00
4462+00
4464+00
4466+00
4468+00
4470+00
4472+00
4474+00
4476+00
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4480+00
4482+00
4484+00
4486+00
4488+00
4490+00
4492+00
4494+00
4496+00
4498+00
4500+00
4502+00
4504+00
4506+00
4508+00
4510+00
4512+00



LEGEND

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

NOTES:

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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:	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. #1-0269

PROJECT NO./DASH NO.	140468	
TASK NO.	005	00
GROUP ID	D	E093
93	OF	189

GAI CAD FILE NO. \ITG-FS\THRASHER\050-5159 - GAI, INC. - SERP - MAPPING\SURVEY\DRAWING\SEC 10\SECT 10 SHEETS - 90-94 (26-30).DWG