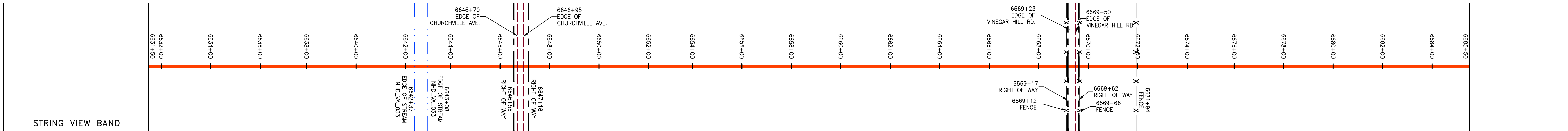


PIPE SPECIFICATION

6631+00	6632+00	6633+00	6634+00	6635+00	6636+00	6637+00	6638+00	6639+00	6640+00	6641+00	6642+00	6643+00	6644+00	6645+00	6646+00	6647+00	6648+00	6649+00	6650+00	6651+00	6652+00	6653+00	6654+00	6655+00	6656+00	6657+00	6658+00	6659+00	6660+00	6661+00	6662+00	6663+00	6664+00	6665+00	6666+00	6667+00	6668+00	6669+00	6670+00	6671+00	6672+00	6673+00	6674+00	6675+00	6676+00	6677+00	6678+00	6679+00	6680+00	6681+00	6682+00	6683+00	6684+00	6685+00	6686+00	6687+00	6688+00	6689+00
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LEGEND

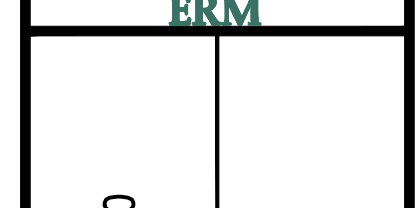
PROPERTY LINE	STORM SEWER	EXTRA WORK SPACE	TOPSOIL SEGREGATION AREA
FENCE	UNDERGROUND ELECTRIC	AREA OF NO DISTURBANCE	PROPOSED TEMPORARY R.O.W.
STREAM	WATER LINE	WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)	UTILITY POLE
EXISTING GAS PIPELINE	SANITARY SEWER	NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).	
OVERHEAD UTILITY LINES	EDGE OF GRAVEL	PERMANENT WATERBAR/SLOPE BREAKER	LIMIT OF DISTURBANCE
ACCESS ROAD	PROPOSED PERMANENT EASEMENT	TEMPORARY WATERBAR/SLOPE BREAKER	BELTED SILT RETENTION FENCE (BSRF)
PROPOSED GAS PIPELINE	PROPOSED GAS PIPELINE (NO GROUND SURVEY)	STREAM CROSSING	COMPOST FILTER SOCK
		CONSTRUCTION CROSSING WITH ENHANCED CONTROLS	SEDIMENT BARRIER IDENTIFICATION
		SLOPE DIRECTION	CULVERT IDENTIFICATION
		CONSTRUCTION ENTRANCE WITH DITCH	ROADSIDE DITCH
		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.
- CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED FROM LIDAR DATA AND GPS SURVEY 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.
- SOIL 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 AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES 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.
- 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 SLOPE SECTION OF THE INDEX SHEET OF THIS PLAN SET.
- THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.A.S FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.A.S. 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



42" AP-1 PIPELINE
 CONSTRUCTION ALIGNMENT STA 6631+50 TO 6685+50
 AUGUSTA COUNTY, VIRGINIA
 ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

SCALE: AS SHOWN
 DATE: 6/20/17
 DRAWN: GPT
 CHECKED: DLH
 APPROVED: NET

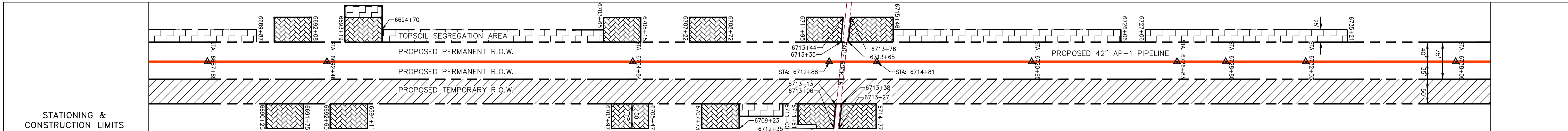
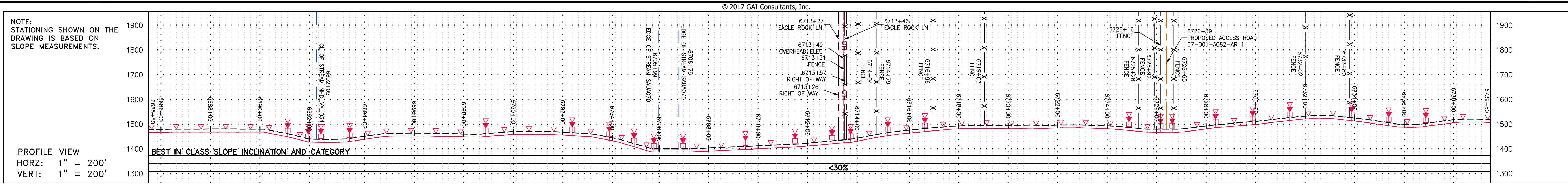


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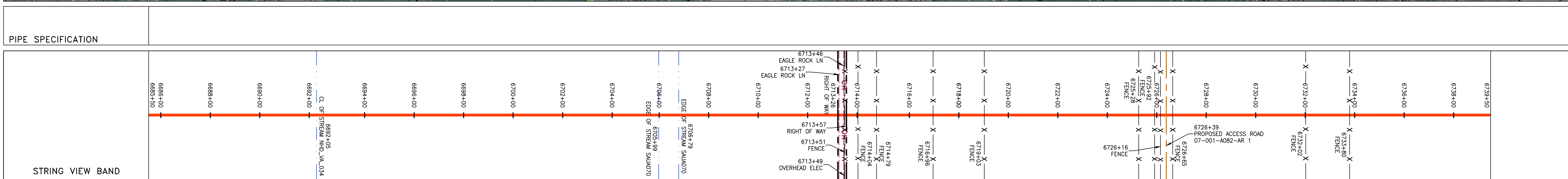
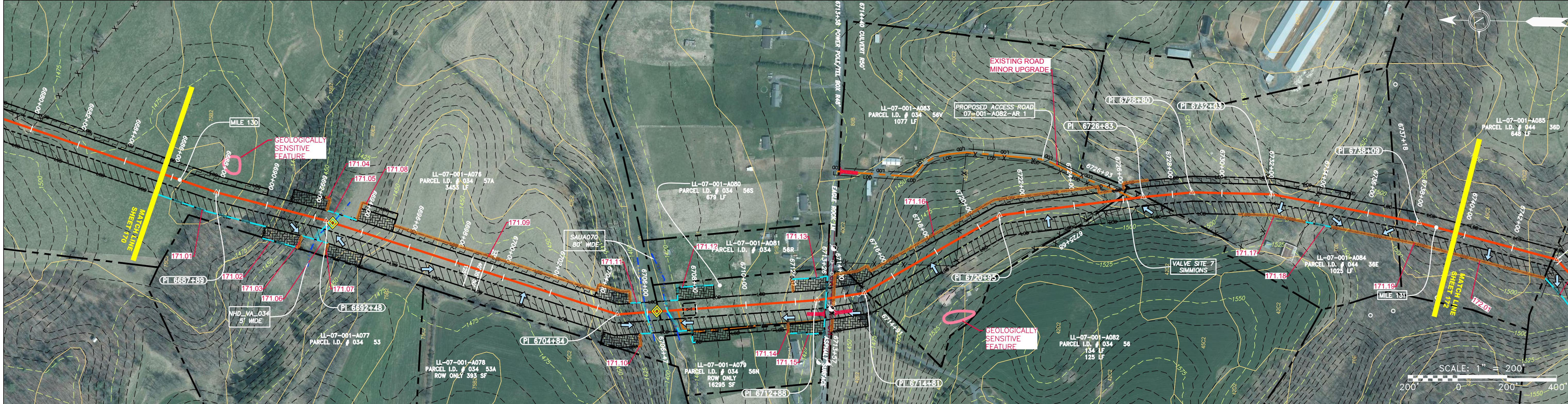
TASK NO.	SUB TASK NO.
005	00
GROUP ID	DRAWING NO.
D	E170
170	OF 344

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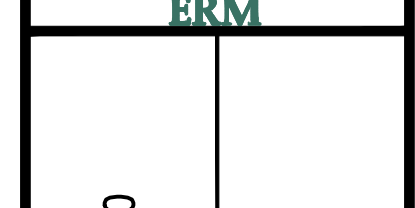


PROPERTY OWNERSHIP
LL-07-001-A076 PARCEL I.D. # 034 57A 3453 LF
LL-07-001-A078 PARCEL I.D. # 034 55A ROW ONLY 593 SF
LL-07-001-A080 PARCEL I.D. # 034 56S 679 LF
LL-07-001-A083 PARCEL I.D. # 034 56V 1077 LF
LL-07-001-A084 PARCEL I.D. # 044 36E 1025 LF
LL-07-001-A085 PARCEL I.D. # 044 36D 648 LF



<p>LEGEND</p> <p>— X — X — PROPERTY LINE</p> <p>— F — FENCE</p> <p>— G — G — EXISTING GAS PIPELINE</p> <p>— OH — OVERHEAD UTILITY LINES</p> <p>— — PROPOSED GAS PIPELINE</p> <p>— — PROPOSED GAS PIPELINE (NO GROUND SURVEY)</p> <p>— S — STORM SEWER</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>— — PROPOSED TEMPORARY R.O.W.</p> <p>— — UTILITY POLE</p> <p>— — WETLAND</p> <p>— — EXTRA WORK SPACE</p> <p>— — AREA OF NO DISTURBANCE</p> <p>— — TOPSOIL SEGREGATION AREA</p> <p>— — CONSTRUCTION ENTRANCE WITH DITCH</p> <p>— — CULVERT WATERBAR</p> <p>— — LIMIT OF DISTURBANCE</p> <p>— — 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>NOTES:</p> <p>1. 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 GAI CONSULTANTS, INC FROM 11-03-2014 THRU 11-07-2014.</p> <p>2. 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.</p> <p>3. STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.</p> <p>4. 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>5. ALL STATIONING SHOWN IS SLOPE STATIONING.</p> <p>6. SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.</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. 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.</p> <p>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.</p> <p>11. 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	DWN.	CHKD.	APPRD.	DESCRIPTION



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

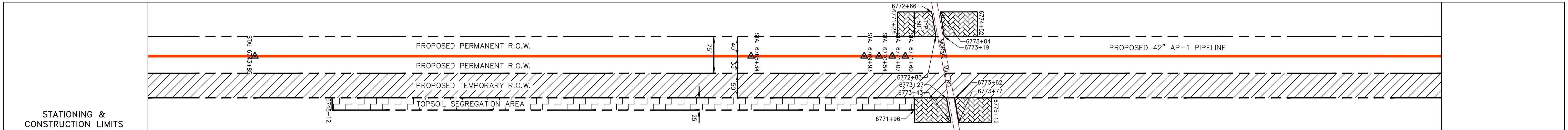
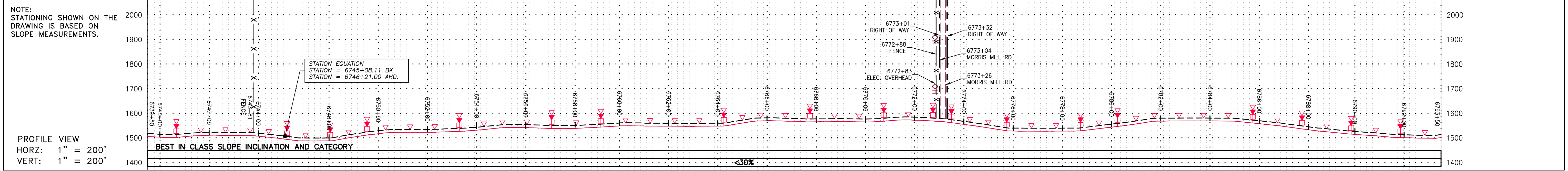
42" AP-1 PIPELINE
 CONSTRUCTION ALIGNMENT STA 6685+50 TO 6739+50

Augusta County, Virginia

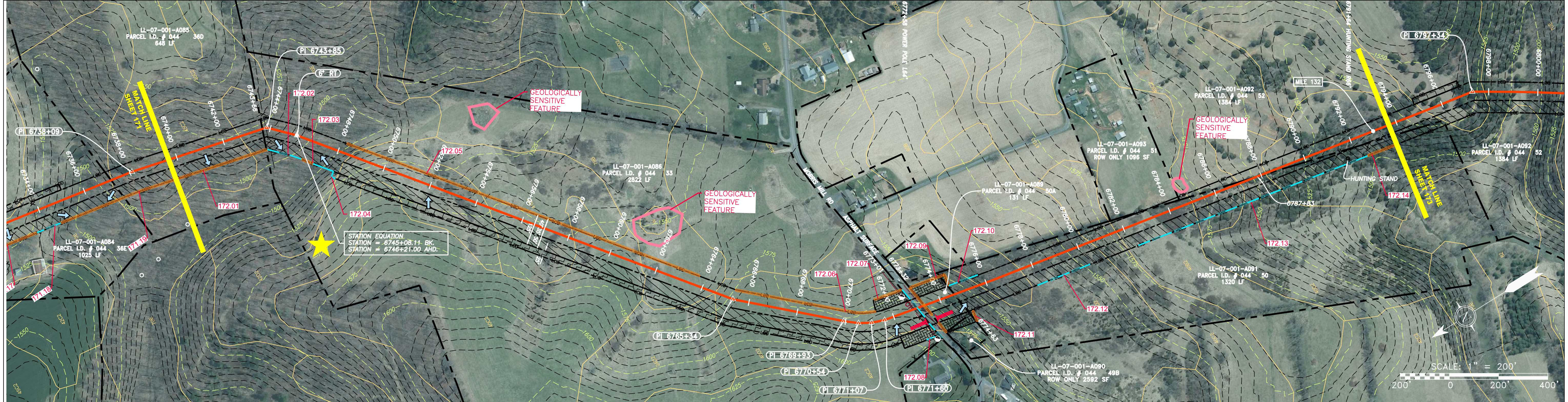
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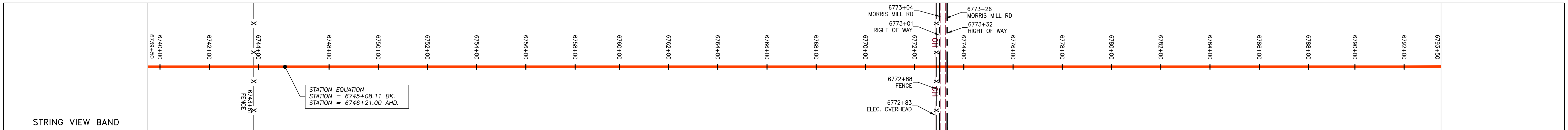
PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E171
171 OF 344	



PROPERTY OWNERSHIP	Parcel I.D. #	Area (LF)
LL-07-001-A085	044	360
LL-07-001-A086	044	33
LL-07-001-A089	044	50
LL-07-001-A090	044	498
LL-07-001-A091	044	51
LL-07-001-A092	044	52



PIPE SPECIFICATION
42" AP-1 PIPELINE



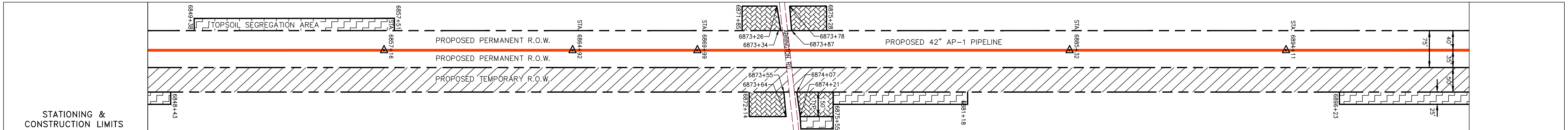
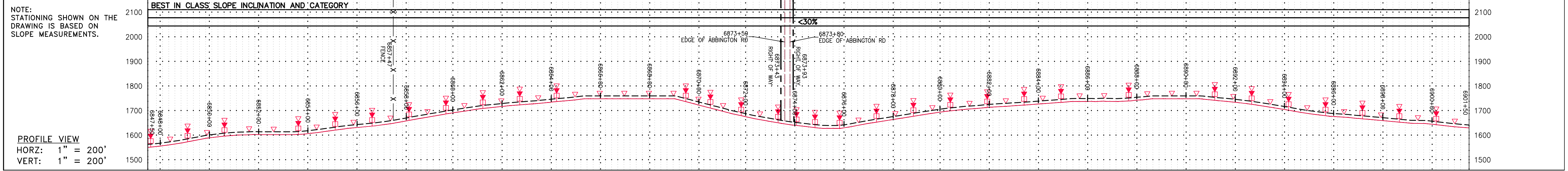
LEGEND <ul style="list-style-type: none"> PROPERTY LINE FENCE STREAM EXISTING GAS PIPELINE OVERHEAD UTILITY LINES ACCESS ROAD PROPOSED GAS PIPELINE 	<ul style="list-style-type: none"> STORM SEWER UNDERGROUND ELECTRIC WATER LINE SANITARY SEWER EDGE OF GRAVEL PROPOSED PERMANENT EASEMENT PROPOSED GAS PIPELINE (NO GROUND SURVEY) 	<ul style="list-style-type: none"> EXTRA WORK SPACE TOPSOIL SEGREGATION AREA AREA OF NO DISTURBANCE WETLAND UTILITY POLE 	<ul style="list-style-type: none"> PERMANENT WATERBAR/SLOPE BREAKER TEMPORARY WATERBAR/SLOPE BREAKER TRENCH BREAKER/PLUG STREAM CROSSING USFSW STREAM CROSSING WITH ENHANCED CONTROLS SEEP SLOPE DIRECTION CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED CULVERT WATERBAR 	<ul style="list-style-type: none"> LOD BSRF 111.03 C 111.001 SOIL TYPE TYPICAL BIG SLOPE CATEGORY 30-58% 	NOTES: <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. ACCESS ROADS HAVE BEEN GROUPED INTO FOUR CATEGORIES - 1) EXISTING ROADS NO IMPROVEMENTS, 2) EXISTING ROADS MINOR IMPROVEMENTS, 3) EXISTING ROADS MAJOR IMPROVEMENTS AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENT CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE; DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4. ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BMPs AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE NOTES SECTION OF THE INDEX SHEET OF THIS PLAN SET. 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.
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REVISIONS NO. DATE DWN. CHKD. APPD. DESCRIPTION	
Daniel R. Goldstein DANIEL R. GOLDSTEIN Lic. No. 047436 PROFESSIONAL ENGINEER	
42" AP-1 PIPELINE CONSTRUCTION ALIGNMENT STA 6739+50 TO 6793+50 AUGUSTA COUNTY, VIRGINIA	
ATLANTIC COAST PIPELINE, LLC C/O DOMINION TRANSMISSION, INC. 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330	
SCALE:	AS SHOWN
DATE:	6/20/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET
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 E172
172 OF 344	

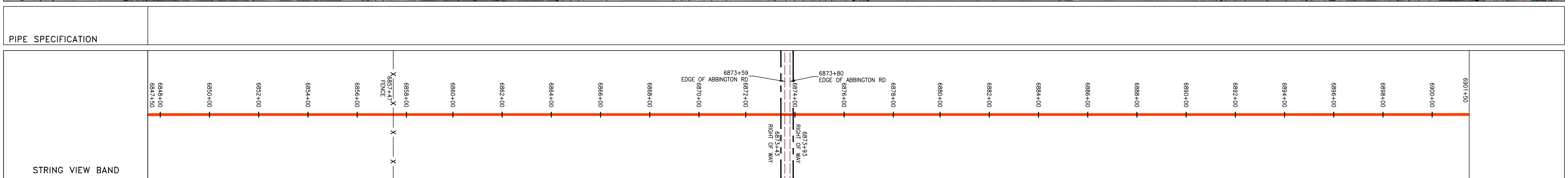
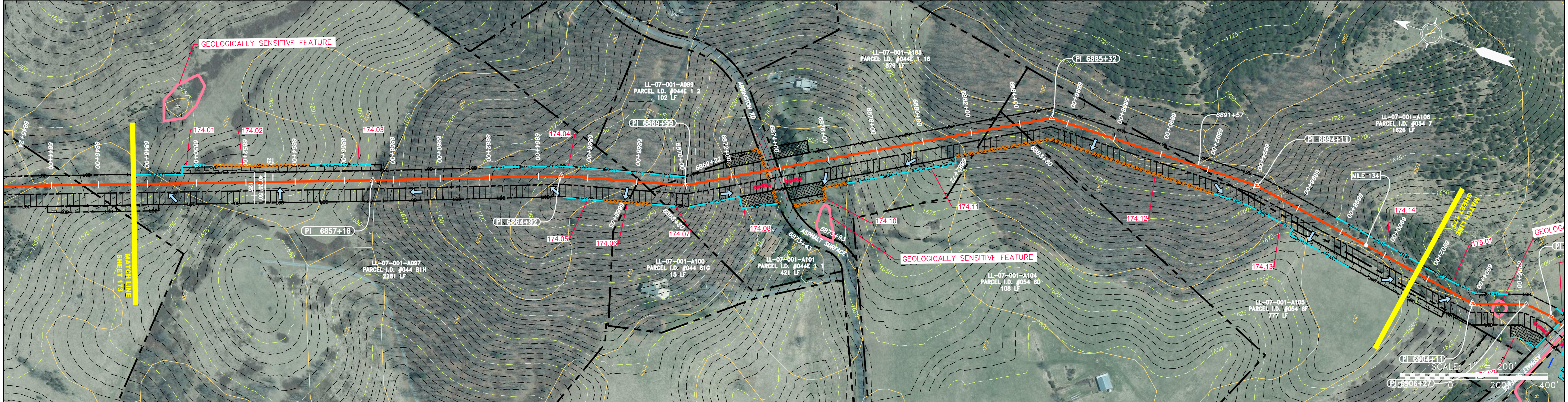
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GAI CAD FILE NO. R:\050-5159 - GAI - THRASHER - SERP - MAPPING SURVEY DRAWING SEC 3\RR SHEETS 174-178 (31-35).DWG

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Stationing	Parcel ID	Area (LF)
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6864+00	LL-07-001-A100	421 LF
6864+00	LL-07-001-A099	102 LF
6864+00	LL-07-001-A101	421 LF
6864+00	LL-07-001-A103	879 LF
6864+00	LL-07-001-A104	108 LF
6864+00	LL-07-001-A106	1626 LF



LEGEND

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

LOD	LIMIT OF DISTURBANCE
BSRF	BELTED SILT RETENTION FENCE (BSRF)
COMPOST FILTER SOCK	SEDIMENT BARRIER IDENTIFICATION
CULVERT IDENTIFICATION	ORANGE SAFETY FENCE
ROADSIDE DITCH	SOIL TYPE
TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION	

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.
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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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NO.	DATE	APPD.	CHKD.	DESCRIPTION

Atlantic Coast Pipeline, LLC
C/O DOMINION TRANSMISSION, INC.
925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

42" AP-1 PIPELINE
CONSTRUCTION ALIGNMENT STA: 6847+50 TO 6901+50

AUGUSTA COUNTY, VIRGINIA

SCALE: AS SHOWN
DATE: 6/20/17
DRAWN: GPT
CHECKED: DLH
APPROVED: NET

gai consultants

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

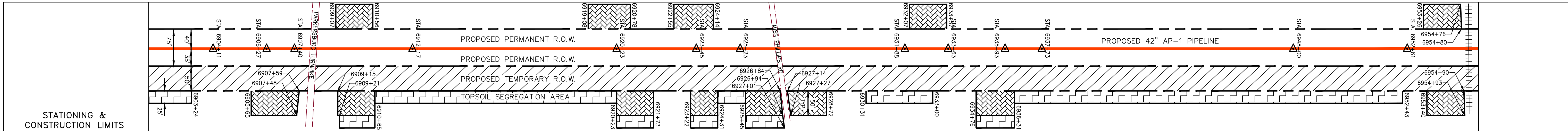
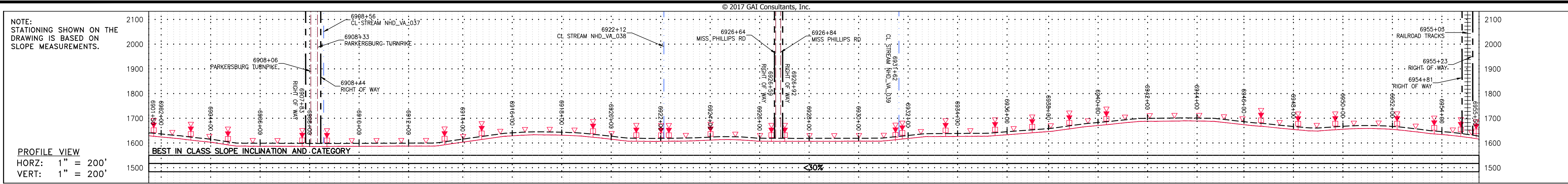
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TASK NO. SUB TASK NO. **005 00**

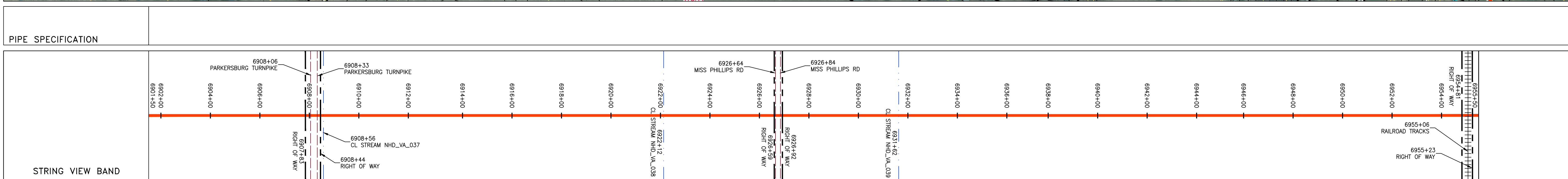
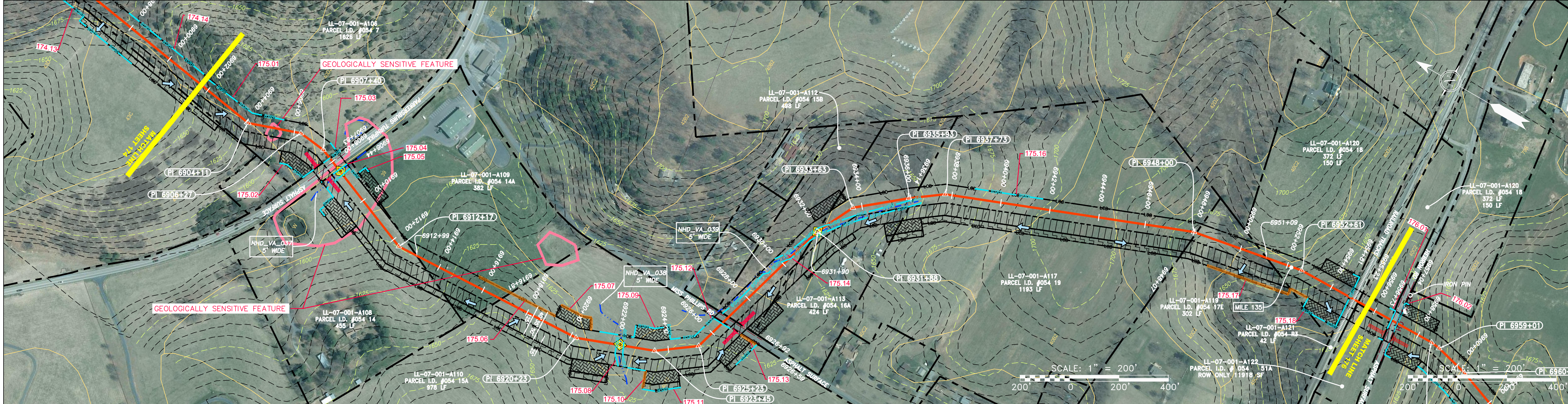
GROUP ID DRAWING NO. **D E143**

174 OF 344

GAI CAD FILE NO. R:\050-5159 - SERP - THRASHER - GAI - GAI, INC. - GAI - THRASHER - SERP - MAPPING SURVEY DRAWING SEC 3\RR SHEETS 174-178 (31-35).DWG



Stationing	Parcel ID	Area (LF)
6900+00 to 6907+33	LL-07-001-A106	1626 LF
6907+33 to 6912+17	LL-07-001-A108	455 LF
6912+17 to 6917+00	LL-07-001-A109	382 LF
6917+00 to 6922+00	LL-07-001-A110	978 LF
6922+00 to 6927+00	LL-07-001-A112	498 LF
6927+00 to 6932+00	LL-07-001-A113	424 LF
6932+00 to 6937+00	LL-07-001-A117	1193 LF
6937+00 to 6942+00	LL-07-001-A119	302 LF
6942+00 to 6947+00	LL-07-001-A120	372 LF
6947+00 to 6952+00	LL-07-001-A121	42 LF
6952+00 to 6955+00	LL-07-001-A120	150 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		WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY)
	ACCESS ROAD		PROPOSED PERMANENT EASEMENT		UTILITY POLE
	PROPOSED GAS PIPELINE (NO GROUND SURVEY)		PROPOSED GAS PIPELINE		SLOPE DIRECTION

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.
- 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.
- 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.
- EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPE BAND.
- THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.A.S. FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.A.S. 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.

PIPE SPECIFICATION

42" AP-1 PIPELINE

CONSTRUCTION ALIGNMENT STA: 6901+50 TO 6955+50

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

NO.	DATE	DWN.	CHKD.	APPVD.	DESCRIPTION

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

SCALE: AS SHOWN

DATE: 6/20/17

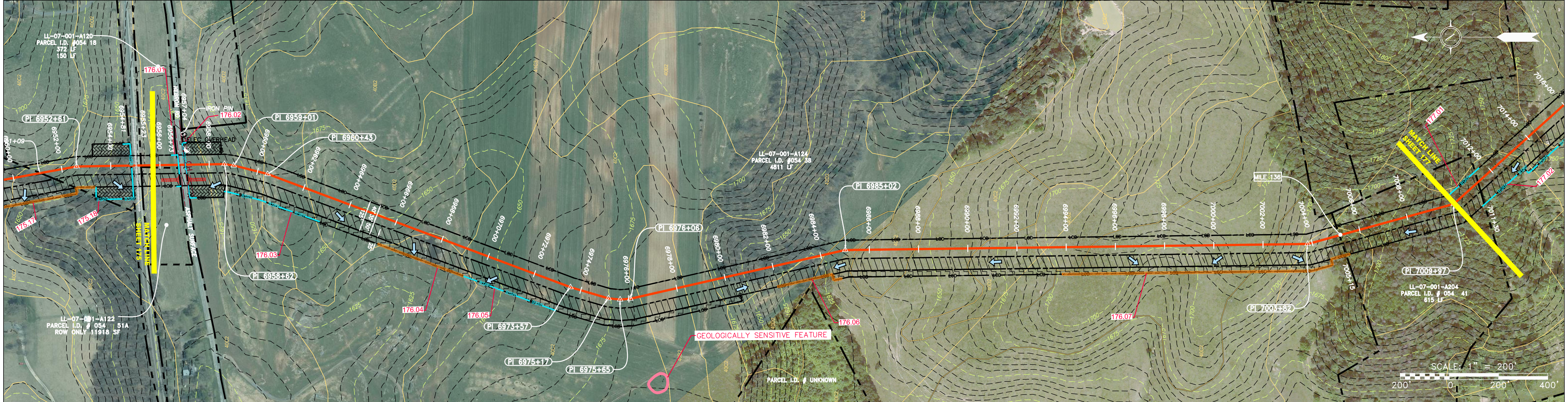
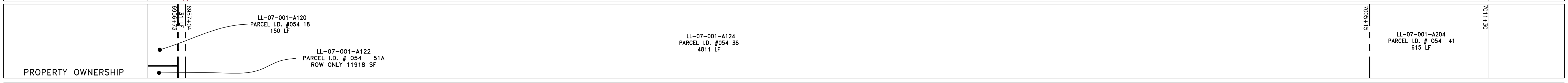
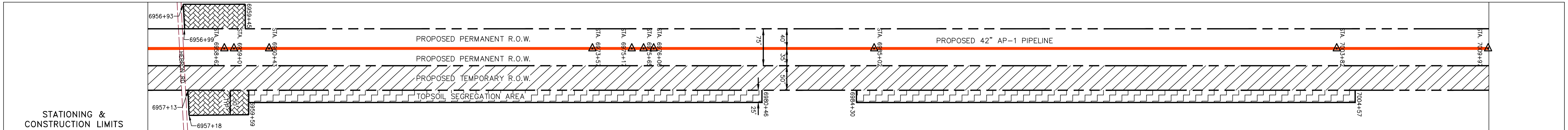
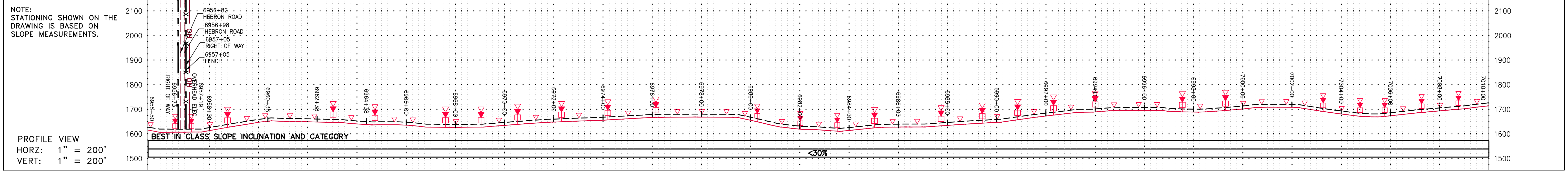
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CHECKED: DLH

APPROVED: NET

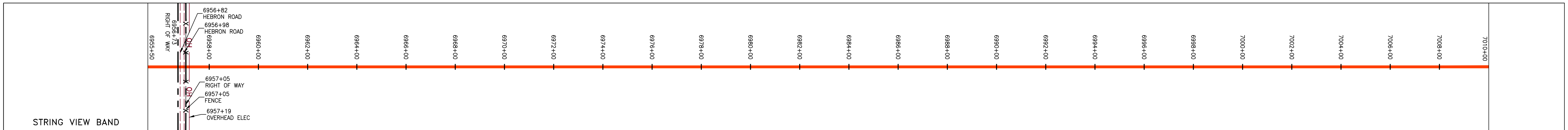
SOUTHPOINTE OFFICE
6000 TOWN CENTER BLVD.
CANONSBURG, PA 15317
724-873-3545

PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E175
175 OF 344	



PIPE SPECIFICATION

6953+00	6954+00	6955+00	6956+00	6957+00	6958+00	6959+00	6960+00	6961+00	6962+00	6963+00	6964+00	6965+00	6966+00	6967+00	6968+00	6969+00	6970+00	6971+00	6972+00	6973+00	6974+00	6975+00	6976+00	6977+00	6978+00	6979+00	6980+00	6981+00	6982+00	6983+00	6984+00	6985+00	6986+00	6987+00	6988+00	6989+00	6990+00	6991+00	6992+00	6993+00	6994+00	6995+00	6996+00	6997+00	6998+00	6999+00	7000+00	7001+00	7002+00	7003+00	7004+00	7005+00	7006+00	7007+00	7008+00	7009+00	7010+00
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LEGEND

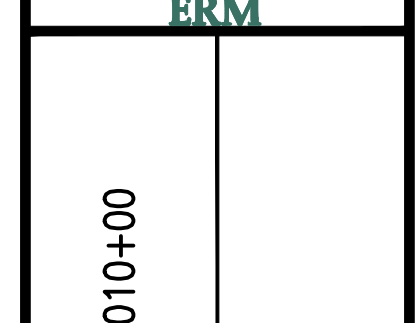
PROPERTY LINE	STORM SEWER	EXTRA WORK SPACE	LIMIT OF DISTURBANCE
FENCE	UNDERGROUND ELECTRIC	TOPSOIL SEGREGATION AREA	BELTED SILT RETENTION FENCE (BSRF)
STREAM	WATER LINE	AREA OF NO DISTURBANCE	COMPOST FILTER SOCK
EXISTING GAS PIPELINE	SANITARY SEWER	PROPOSED TEMPORARY R.O.W.	USFWS STREAM CROSSING WITH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

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.
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- ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BICMPs 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.
- 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 PROTECTION, 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.

REVISIONS

NO.	DATE	DWN.	CHKD.	APPVD.	DESCRIPTION



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

42" AP-1 PIPELINE
 CONSTRUCTION ALIGNMENT STA: 6955+50 TO 7010+00
 AUGUSTA COUNTY, VIRGINIA

SCALE: AS SHOWN
 DATE: 6/20/17
 DRAWN: GPT
 CHECKED: DLH
 APPROVED: NET

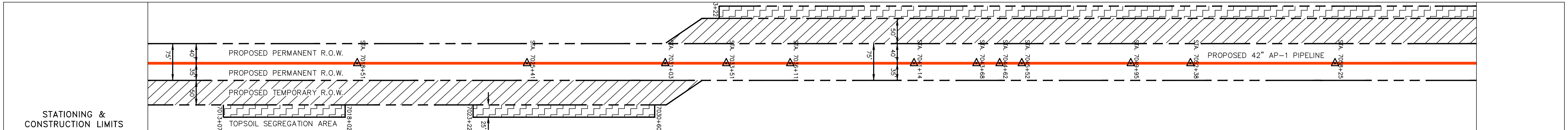
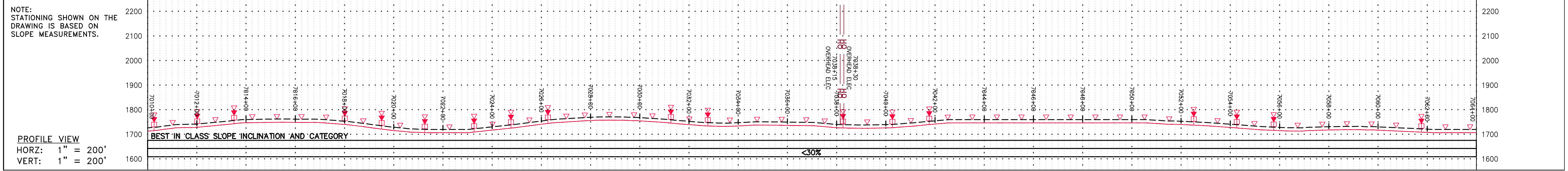


PROJECT NO./DASH NO. **140468**

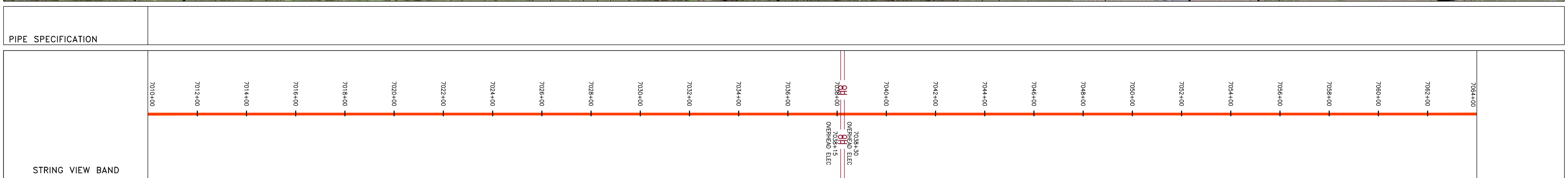
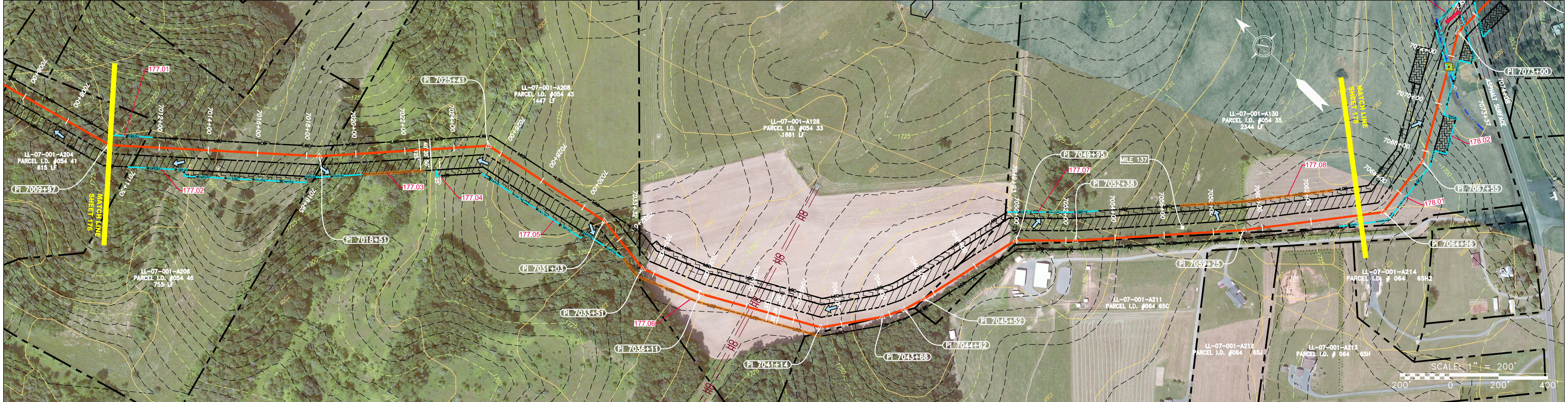
TASK NO. SUB TASK NO. **005 00**

GROUP ID DRAWING NO. **D E176**

176 OF 344



Stationing	Parcel ID	Area (LF)
7010+00 - 7011+30	LL-07-001-A204	615 LF
7011+30 - 7018+45	LL-07-001-A206	755 LF
7018+45 - 7023+32	LL-07-001-A208	1447 LF
7023+32 - 7033+32	LL-07-001-A128	1661 LF
7033+32 - 7049+43	LL-07-001-A130	2344 LF
7049+43 - 7064+00	LL-07-001-A130	2344 LF



LEGEND

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

NOTES:

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

NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION

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

42" AP-1 PIPELINE
 CONSTRUCTION ALIGNMENT STA: 7010+00 TO 7064+00
 AUGUSTA COUNTY, VIRGINIA

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

SCALE: AS SHOWN
 DATE: 6/20/17
 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

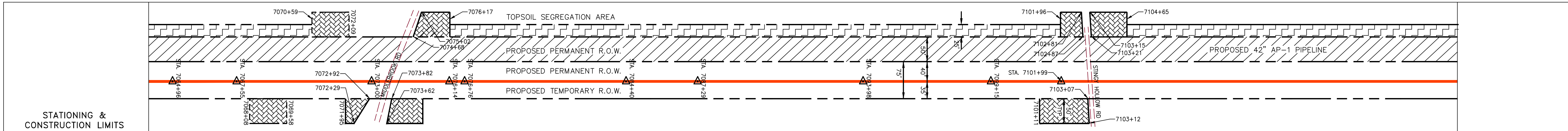
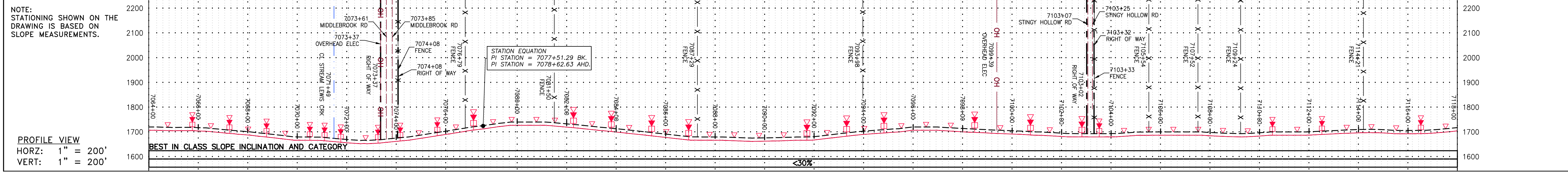
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GROUP ID DRAWING NO.
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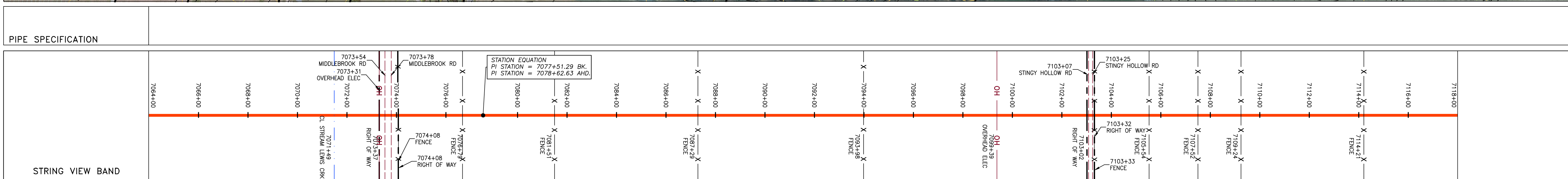
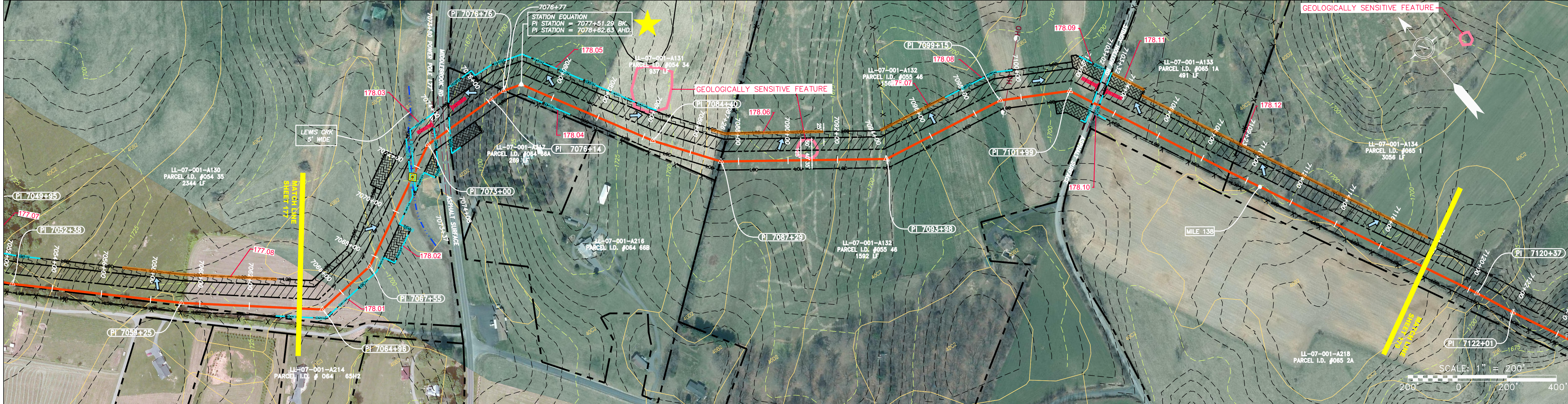
177 OF 344

GAI CAD FILE NO. R:\050-5159 - SERP - THRASHER - GAI - INC. - GAI - THRASHER - SERP - MAPPING\SURVEY_DRAWING\SEC 3\RR SHEETS 174-178 (31-35).DWG

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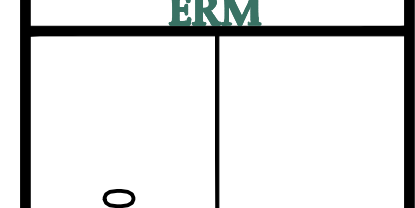


PROPERTY OWNERSHIP
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LL-07-001-A217 PARCEL I.D. #064 66A 269 LF
LL-07-001-A131 PARCEL I.D. #054 34 937 LF
LL-07-001-A132 PARCEL I.D. #055 46 1592 LF
LL-07-001-A133 PARCEL I.D. #065 1A 491 LF
LL-07-001-A134 PARCEL I.D. #065 1 3056 LF



<p>LEGEND</p> <ul style="list-style-type: none"> — X — X — PROPERTY LINE — X — X — FENCE — G — G — EXISTING GAS PIPELINE — OH — OVERHEAD UTILITY LINES — — — ACCESS ROAD — — — PROPOSED GAS PIPELINE — — — PROPOSED GAS PIPELINE (NO GROUND SURVEY) — E — UNDERGROUND ELECTRIC — W — WATER LINE — SAN — SANITARY SEWER — — — EDGE OF GRAVEL — — — PROPOSED PERMANENT EASEMENT — — — PROPOSED PERMANENT R.O.W. — — — PROPOSED TEMPORARY R.O.W. — — — UTILITY POLE — — — WETLAND (COLOR SHOWN TO PROVIDE CLARITY ONLY) — — — TOPSOIL SEGREGATION AREA — — — AREA OF NO DISTURBANCE — — — EXTRA WORK SPACE — — — PERMANENT WATERBAR/SLOPE BREAKER — — — TEMPORARY WATERBAR/SLOPE BREAKER — — — TRENCH BREAKER/PLUG — — — STREAM CROSSING — — — USFWS STREAM CROSSING WITH ENHANCED CONTROLS — — — SEEP — — — SLOPE DIRECTION — — — CONSTRUCTION ENTRANCE WITH DITCH — — — CULVERT WATERBAR — — — LOD — — — BSRF — — — COMPOST FILTER SOCK — — — SEDIMENT BARRIER IDENTIFICATION — — — CULVERT IDENTIFICATION — — — ORANGE SAFETY FENCE — — — ROADSIDE DITCH — — — SOIL TYPE — — — TYPICAL BIG SLOPE CATEGORY — — — SLOPE INCLINATION 	<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. ACCESS ROADS HAVE BEEN GROUPED INTO FOUR CATEGORIES - 1) EXISTING ROADS NO IMPROVEMENTS, 2) EXISTING ROADS MINOR IMPROVEMENTS, 3) EXISTING ROADS MAJOR IMPROVEMENTS AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENT CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE; DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4. ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED Bmps AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE NOTES SECTION OF THE INDEX SHEET OF THIS PLAN SET. THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.4.S FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.4.S. 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.
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NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION

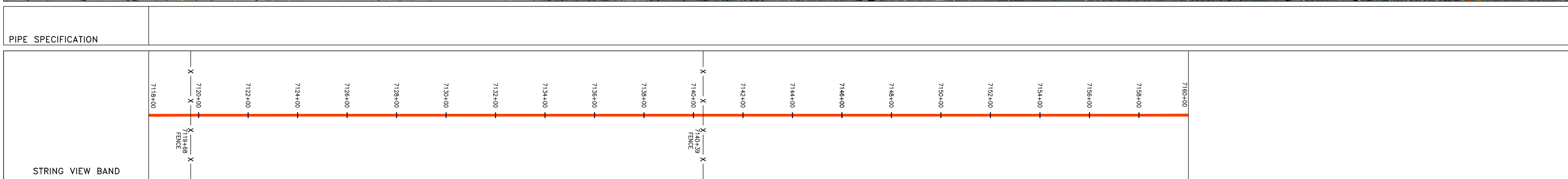
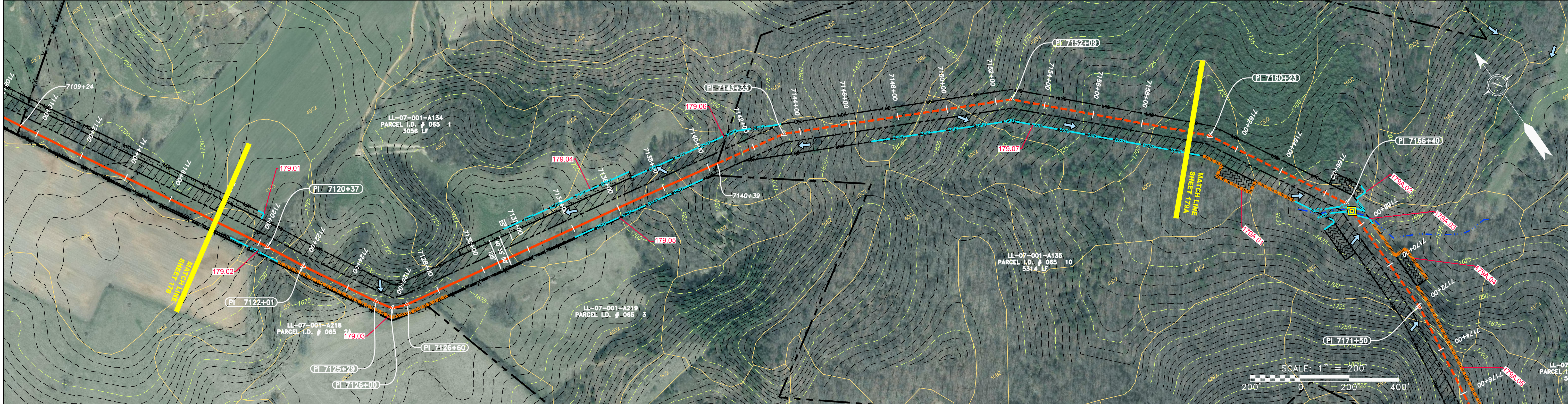
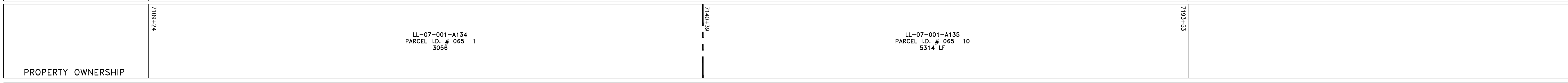
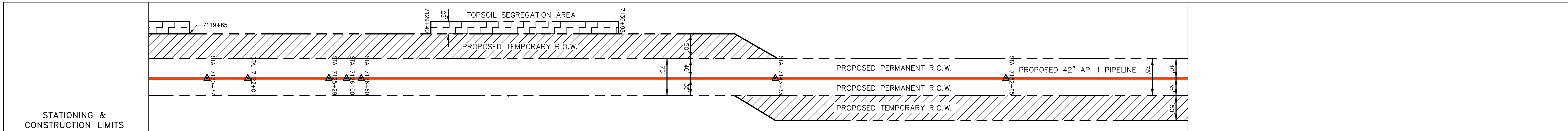
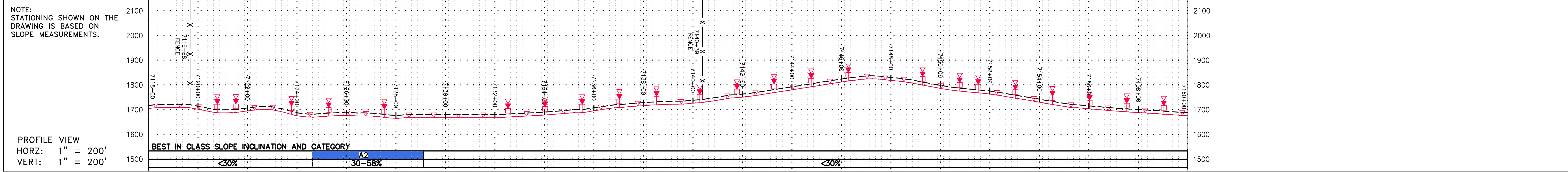


42" AP-1 PIPELINE
CONSTRUCTION ALIGNMENT STA: 7064+00 TO 7118+00
 AUGUSTA COUNTY, VIRGINIA
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

SCALE:	AS SHOWN
DATE:	6/20/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET



PROJECT NO./DASH NO.	140468
TASK NO. SUB TASK NO.	005 00
GROUP ID DRAWING NO.	D E178
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LEGEND --- PROPERTY LINE X X FENCE --- STREAM G G EXISTING GAS PIPELINE OH OVERHEAD UTILITY LINES --- ACCESS ROAD --- PROPOSED GAS PIPELINE		--- STORM SEWER --- UNDERGROUND ELECTRIC --- WATER LINE --- SAN --- SANITARY SEWER --- EDGE OF GRAVEL --- PROPOSED PERMANENT EASEMENT --- PROPOSED GAS PIPELINE (NO GROUND SURVEY)		[Hatched] EXTRA WORK SPACE [Dotted] AREA OF NO DISTURBANCE [Green] WETLAND [Hatched] TOPSOIL SEGREGATION AREA [Hatched] PROPOSED TEMPORARY R.O.W. [Circle] UTILITY POLE [Triangle] PERMANENT WATERBAR/SLOPE BREAKER [Triangle] TEMPORARY WATERBAR/SLOPE BREAKER [Triangle] TRENCH BREAKER/PLUG [Diamond] STREAM CROSSING [Diamond] USFWS STREAM CROSSING WITH ENHANCED CONTROLS [Diamond] SEEP [Arrow] SLOPE DIRECTION [Arrow] CONSTRUCTION ENTRANCE WITH DITCH [Arrow] CULVERT AS NEEDED [Arrow] CULVERT WATERBAR		--- LOD --- BSRF --- BELTED SILT RETENTION FENCE (BSRF) --- COMPOST FILTER SOCK --- SEDIMENT BARRIER IDENTIFICATION --- CULVERT IDENTIFICATION --- ORANGE SAFETY FENCE --- ROADSIDE DITCH --- SOIL TYPE --- TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION		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 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. 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.4.5 FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.4.5. 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.	
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NO.	DATE	DWN.	CHKD.	APPRD.	DESCRIPTION

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

ERM

SCALE:	AS SHOWN
DATE:	6/20/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET

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

PROJECT NO./DASH NO.	140468	
TASK NO.	005	00
GROUP ID	D	E179
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GAI CAD FILE NO. R:\050-5159 - SERP - THRASHER - GAI - INC. - MAPPING\SURVEY\DRAWING\SEC 3\BACKUP\E&S BACKUPS\RR SHEETS 179-183 (36-40).DWG