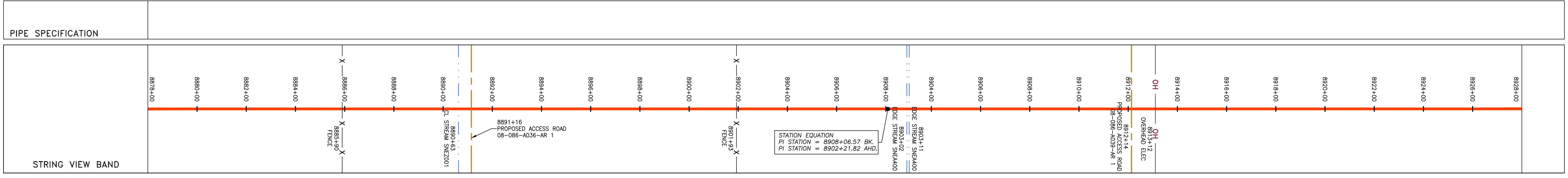
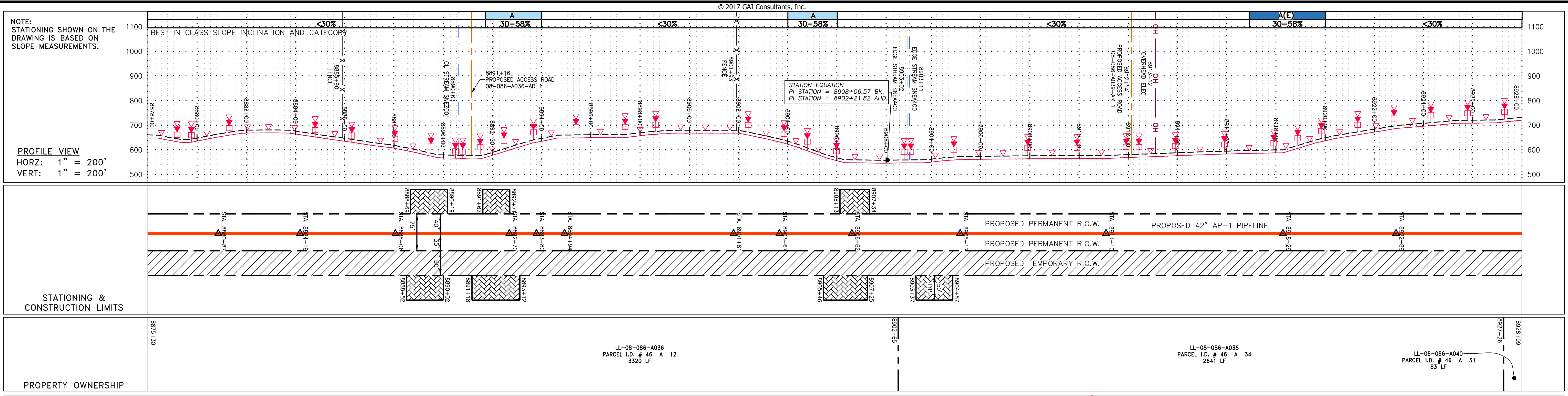


GAI CAD FILE NO. \VTG-FS1\THRASHER\050-5159 - GIA, INC. - GAI - THRASHER - SERP - MAPPING\SURVEY_DRAWING\SEC 4 BACKUP\SEC 4 SHEETS - 211-216 (6-10).DWG



LEGEND

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

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.
- 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.
- 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 BIC'S 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.4.5 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.

42" AP-1 PIPELINE
CONSTRUCTION ALIGNMENT STA 8878+00 TO 8928+00

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 E214
214 OF 344

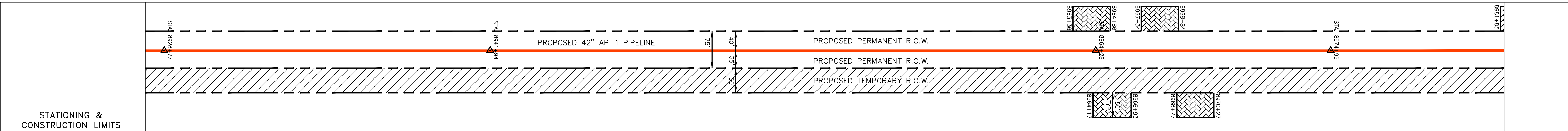
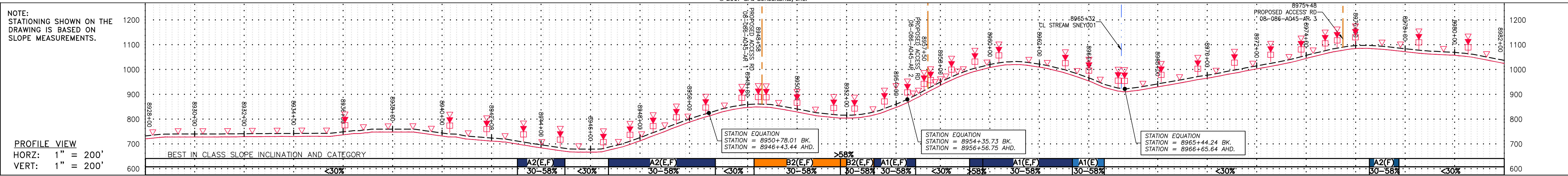
REVISIONS

| NO. | DATE | BY | CHKD. | APPD. | DESCRIPTION |
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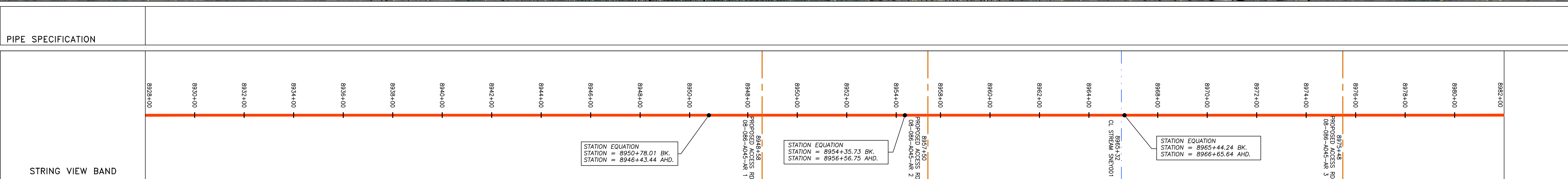
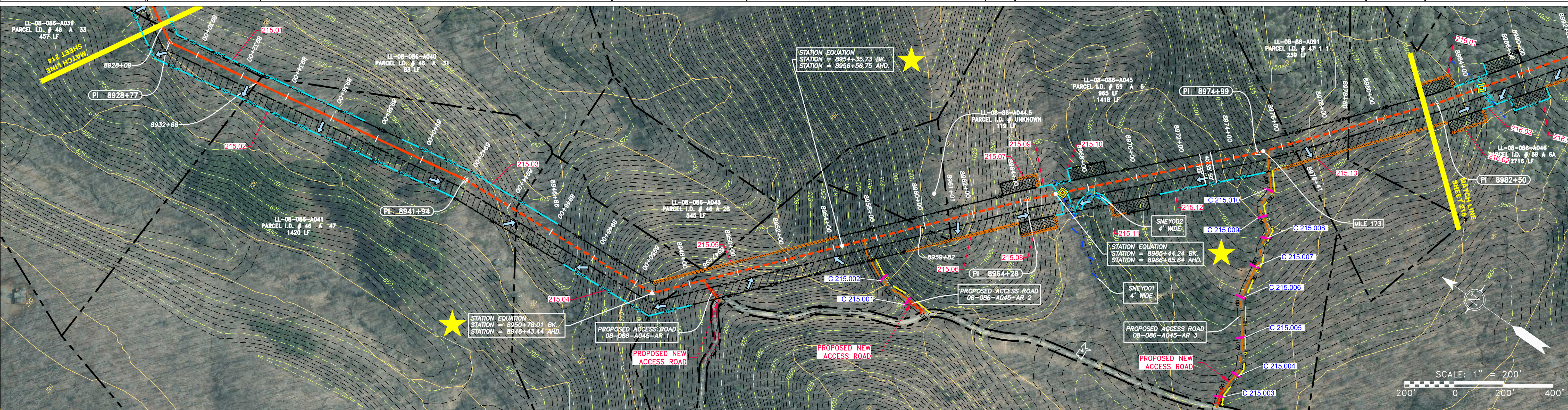
Daniel R. Goldstein
DANIEL R. GOLDSTEIN
Lic. No. 047436
PROFESSIONAL ENGINEER

ERM

GAI CAD FILE NO. \\\TTC-FS1\THRASHER\050-5159 - GIA, INC. - GAI - THRASHER - SERP - MAPPING\SURVEY\DRAWING\RESTORED SHEETS 1-13-17\SEC 4\FULL SET\SEC 4 SHEETS - 211-216 (6-10).DWG



| STATIONING & CONSTRUCTION LIMITS | PROPERTY OWNERSHIP |
|----------------------------------|---|
| 8928+00 | LL-08-086-A039 PARCEL I.D. # 46 A 33 457 LF |
| 8932+00 | LL-08-086-A040 PARCEL I.D. # 46 A 31 85 LF |
| 8936+00 | LL-08-086-A041 PARCEL I.D. # 46 A 47 1420 LF |
| 8940+00 | LL-08-086-A043 PARCEL I.D. # 45 A 28 545 LF |
| 8944+00 | LL-08-086-A045 PARCEL I.D. # 59 A 6 965 LF |
| 8948+00 | LL-08-086-A044.5 PARCEL I.D. # UNKNOWN 119 LF |
| 8952+00 | LL-08-086-A045 PARCEL I.D. # 59 A 6 1418 LF |
| 8956+00 | LL-08-086-A091 PARCEL I.D. # 47 1 1 239 LF |
| 8960+00 | LL-08-086-A046 PARCEL I.D. # 59 A 6A 2716 LF |
| 8964+00 | |
| 8968+00 | |
| 8972+00 | |
| 8974+00 | |



LEGEND

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

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 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.
- EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPE BAND.
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- THE CONSTRUCTION RIGHT-OF-WAY WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.3 FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.3.5. 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.

PIPE SPECIFICATION

STRING VIEW BAND

NOTES:

- 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 AS NEEDED
- CULVERT WATERBAR
- LOD
- BSRF
- 111.03
- 111.001
- ORANGE SAFETY FENCE
- ROADSIDE DITCH
- SOIL TYPE
- TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION
- LIMIT OF DISTURBANCE
- BELTED SILT RETENTION FENCE (BSRF)
- COMPOST FILTER SOCK
- SEDIMENT BARRIER IDENTIFICATION
- CULVERT IDENTIFICATION

REVISIONS

| NO. | DATE | BY | CHKD. | APPVD. | DESCRIPTION |
|-----|------|----|-------|--------|-------------|
| | | | | | |

PROFESSIONAL ENGINEER

Daniel R. Goldstein
Lic. No. 047436

ERM

42" AP-1 PIPELINE
CONSTRUCTION ALIGNMENT STA 8928+00 TO 8982+00
NELSON 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.
CANONSBERG, PA 15317
724-873-3545

PROJECT NO./DASH NO.
140468

TASK NO. SUB TASK NO.
005 00

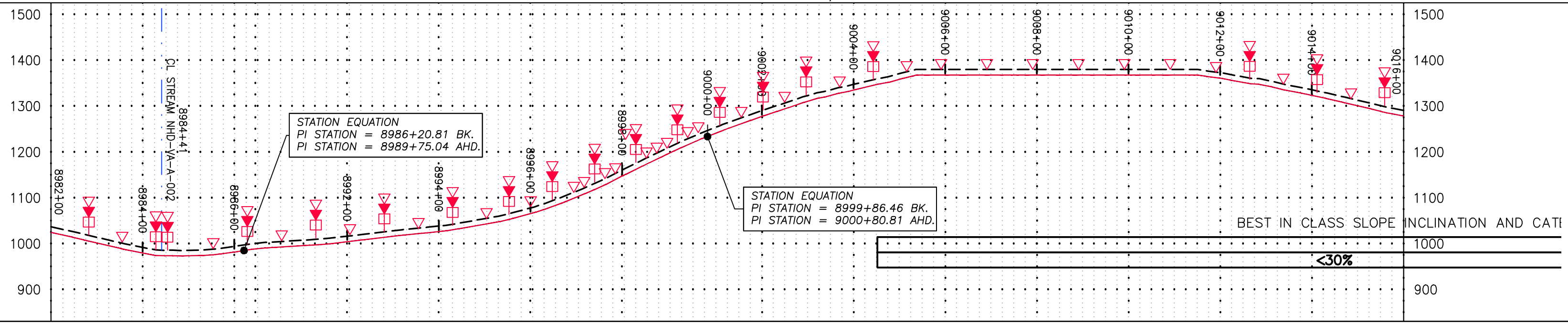
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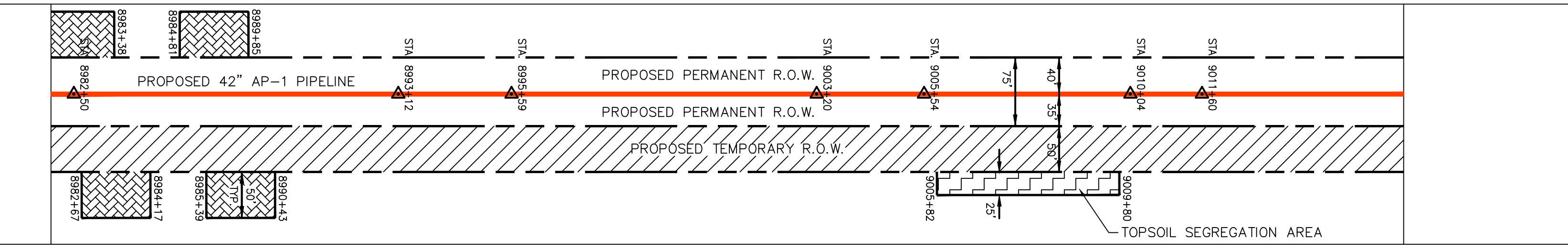
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NOTE:
STATIONING SHOWN ON THE
DRAWING IS BASED ON
SLOPE MEASUREMENTS.

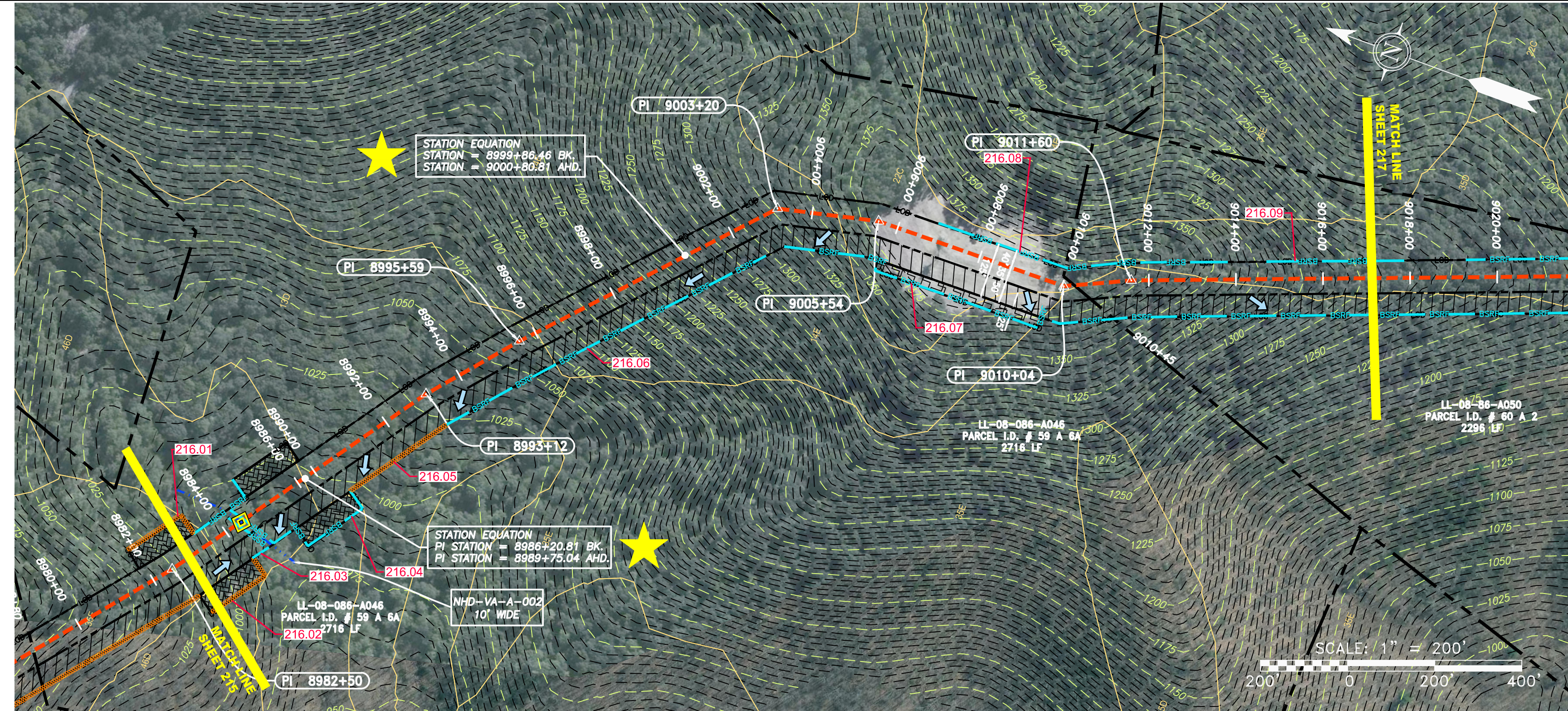
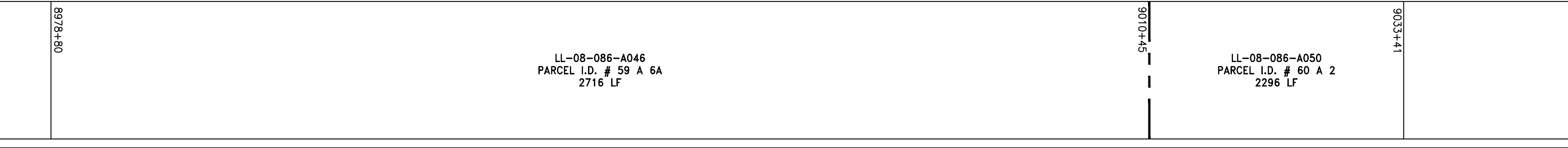
PROFILE VIEW
HORZ: 1" = 200'
VERT: 1" = 200'



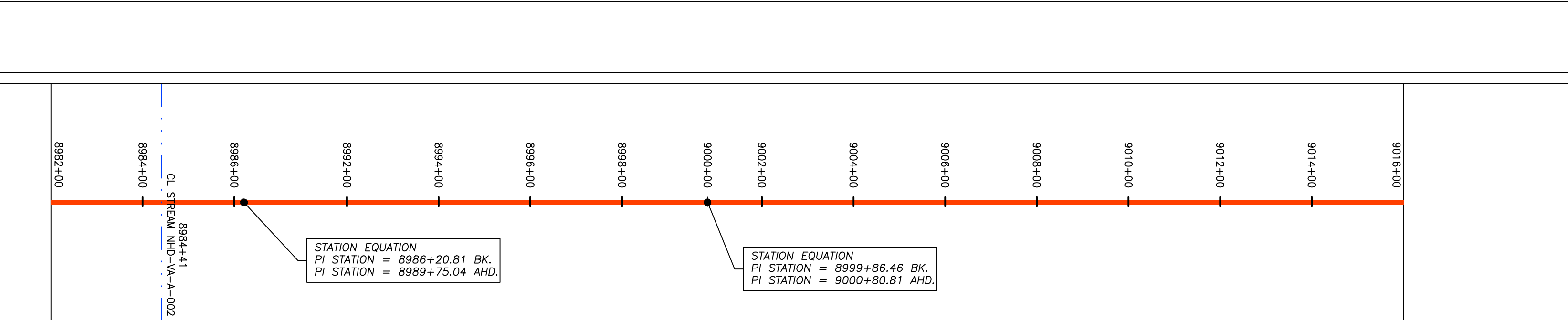
STATIONING &
CONSTRUCTION LIMITS



PROPERTY OWNERSHIP



PIPE SPECIFICATION



LEGEND

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

NOTES:

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| NO. | DATE | BY | CHKD. | APPVD. | DESCRIPTION |
|-----|------|----|-------|--------|-------------|
| | | | | | |
| | | | | | |

Daniel R. Goldstein
 Daniel R. Goldstein
 License No. 047436
 PROFESSIONAL ENGINEER

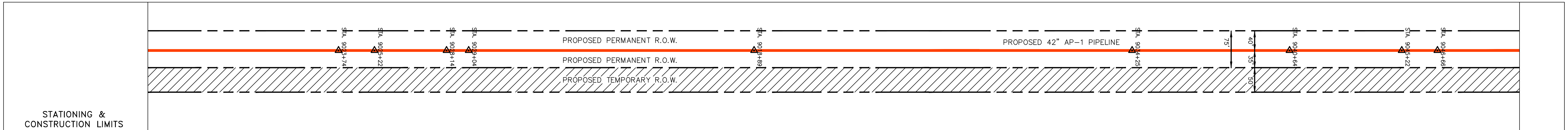
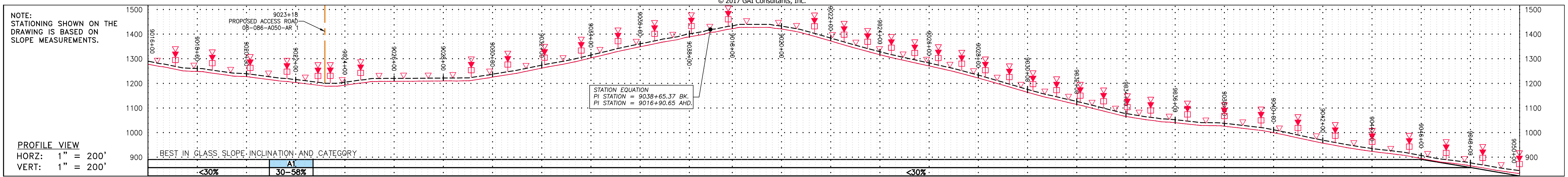
ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

SCALE: AS SHOWN
DATE: 6/20/17
DRAWN: GPT
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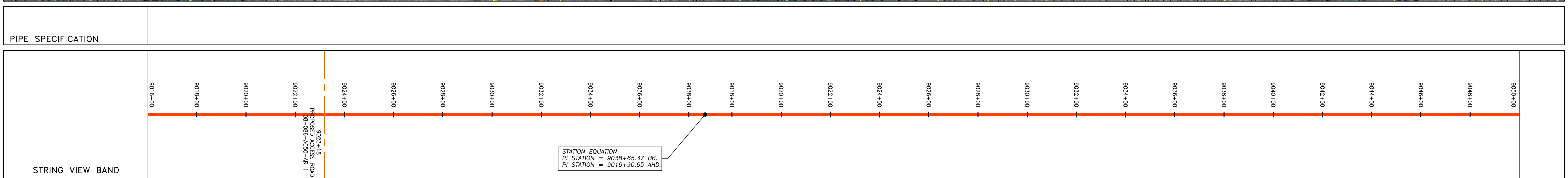
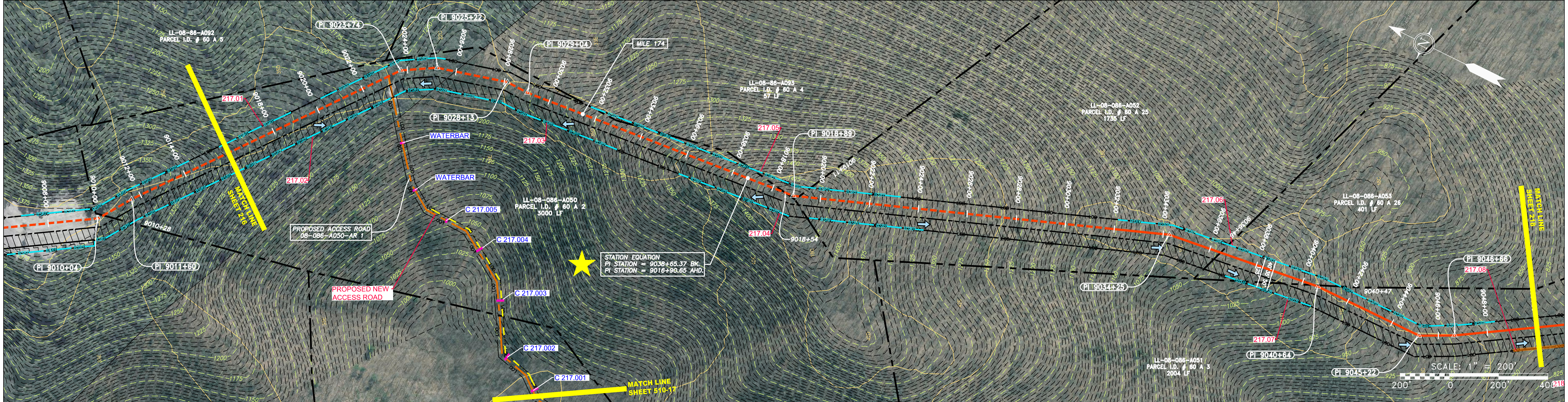
SOUTHPOINTE OFFICE
 6000 TOWN CENTER BLVD.
 CANONSBURG, PA 15317
 724-873-3545

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| PROJECT NO./DASH NO. | 140468 | |
| TASK NO. | 005 | 00 |
| GROUP ID | D | E216 |
| 216 OF 344 | | |

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



| STATIONING & CONSTRUCTION LIMITS | PROPERTY OWNERSHIP |
|----------------------------------|--|
| 9000+00 | LL-08-086-A050 PARCEL I.D. # 60 A 2 5000 LF |
| 9016+00 | LL-08-086-A093 PARCEL I.D. # 60 A 4 57 LF |
| 9038+00 | LL-08-086-A052 PARCEL I.D. # 60 A 25 1735 LF |
| 9050+00 | LL-08-086-A053 PARCEL I.D. # 60 A 26 401 LF |
| 9050+00 | LL-08-086-A051 PARCEL I.D. # 60 A 3 1979 LF |



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

| NOTES: | |
|--------|---|
| 1. | COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W. |
| 2. | CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GAI CONSULTANTS, INC FROM 11-03-2014 THRU 11-07-2014. |
| 3. | IMAGERY TAKEN FROM GOOGLE EARTH. |
| 4. | THE PROPERTY LINES SHOWN ARE BASED ON GIS & TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS. |
| 5. | STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM. |
| 6. | EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS. |
| 7. | ALL STATIONING SHOWN IS SLOPE STATIONING. |
| 8. | SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL. |
| 9. | BEST IN CLASS (BIC) STEEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN. |
| 10. | EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES BAND. |
| 11. | ACCESS ROADS HAVE BEEN GROUPED INTO FOUR CATEGORIES - 1) EXISTING ROADS NO IMPROVEMENTS, 2) EXISTING ROADS MINOR IMPROVEMENTS, 3) EXISTING ROADS MAJOR IMPROVEMENTS AND 4) NEW ROADS. APPROPRIATE EROSION AND SEDIMENT CONTROLS WILL BE PROVIDED FOR ROADS IN CATEGORIES 2, 3 AND 4. ROADS IN CATEGORIES 1 AND 2 HAVE ADEQUATE EXISTING DRAINAGE; DRAINAGE FEATURES WILL BE PROVIDED FOR ROADS IN CATEGORIES 3 AND 4. |
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| 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. |

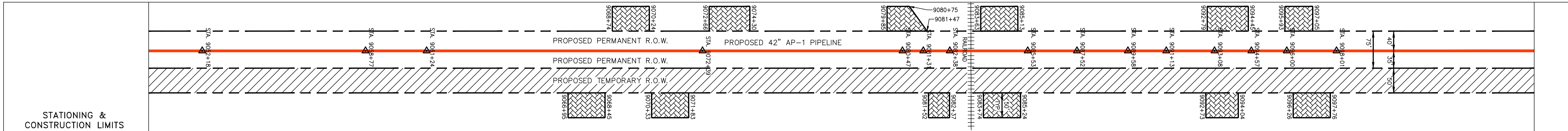
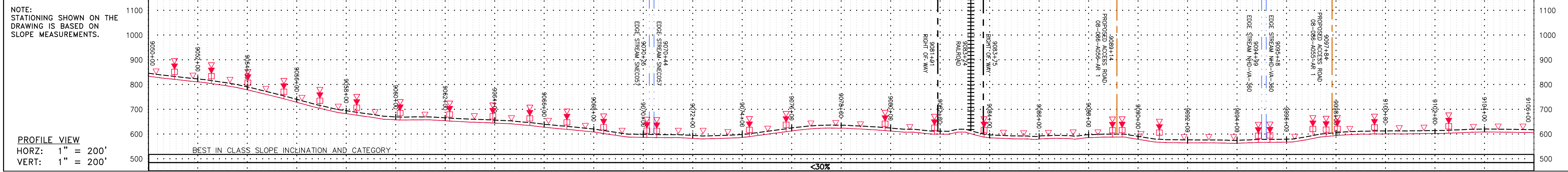
| REVISIONS | |
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| NO. | DATE |
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| APPRD. | |
| DESCRIPTION | |

Daniel R. Goldstein
 PROFESSIONAL ENGINEER
 NELSON COUNTY, VIRGINIA
ERM

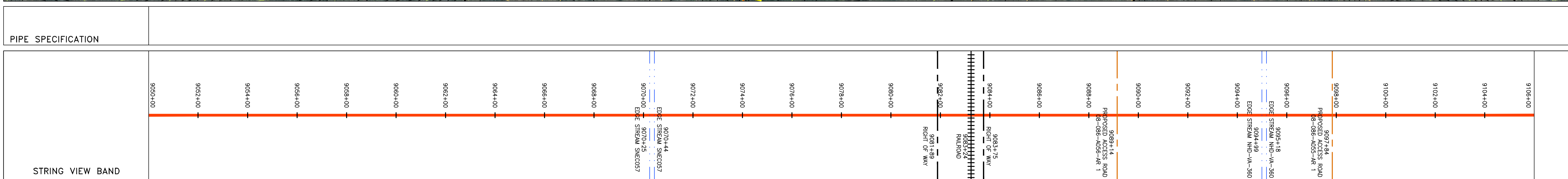
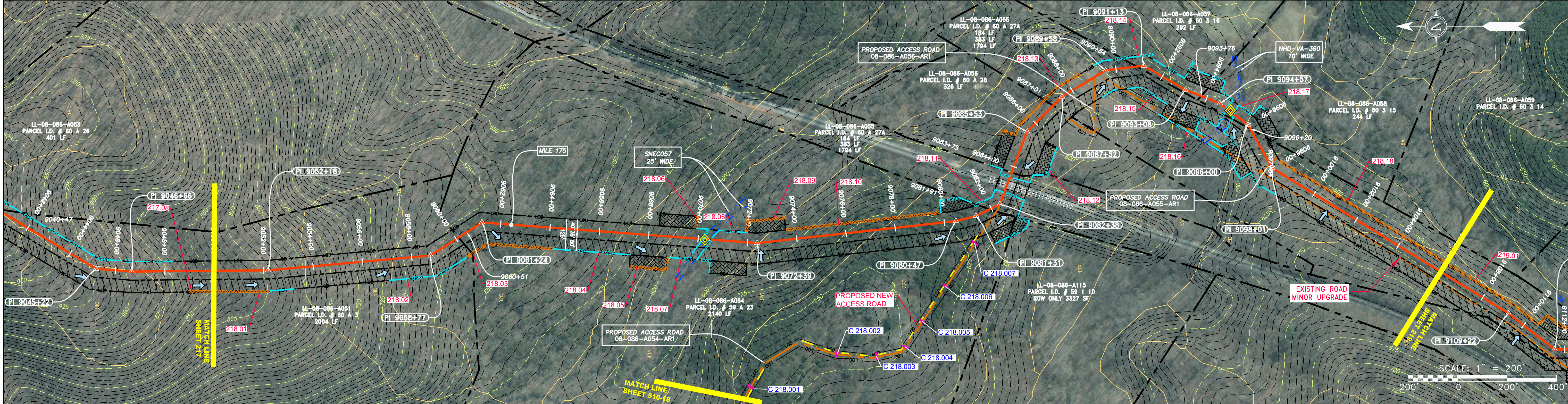
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| SCALE: | AS SHOWN |
| DATE: | 6/20/17 |
| DRAWN: | GPT |
| CHECKED: | DLH |
| APPROVED: | NET |

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

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



| PROPERTY OWNERSHIP |
|---|
| LL-08-086-A051 PARCEL I.D. # 60 A 3 2004 LF |
| LL-08-086-A054 PARCEL I.D. # 59 A 23 2140 LF |
| LL-08-086-A115 PARCEL I.D. # 59 1 1D ROW ONLY 3327 SF |
| LL-08-086-A055 PARCEL I.D. # 60 A 28 184 LF |
| LL-08-086-A056 PARCEL I.D. # 60 A 28 326 LF |
| LL-08-086-A055 PARCEL I.D. # 60 A 27A 383 LF |
| LL-08-086-A057 PARCEL I.D. # 60 3 16 292 LF |
| LL-08-086-A058 PARCEL I.D. # 60 3 15 244 LF |
| LL-08-086-A055 PARCEL I.D. # 60 A 27A 1794 LF |



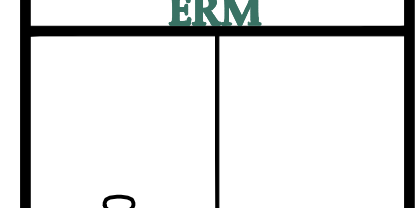
LEGEND

| | | | |
|------------------------|--|--|----------------------------------|
| 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 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 | SLOPE DIRECTION |
| PROPOSED GAS PIPELINE | PROPOSED GAS PIPELINE (NO GROUND SURVEY) | CULVERT ENTRANCE WITH DITCH | CULVERT WATERBAR |

NOTES:

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.
- 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.
- 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.
- 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.4.5 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.

| NO. | DATE | BY | CHKD. | APPD. | DESCRIPTION |
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ATLANTIC COAST PIPELINE, LLC
 C/O DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330

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| 218 OF 344 | |

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