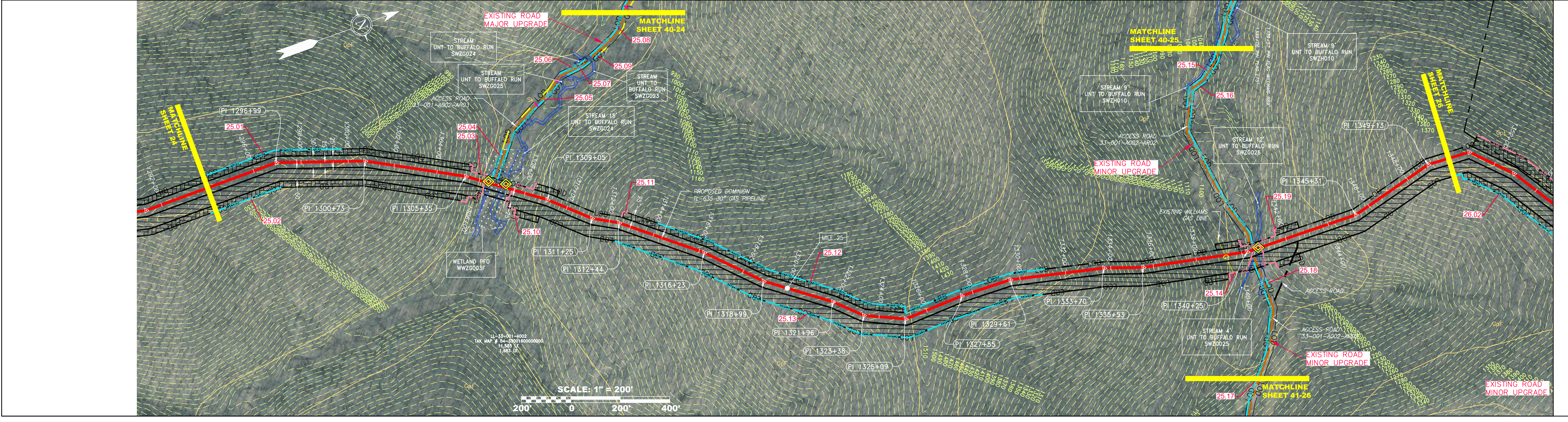
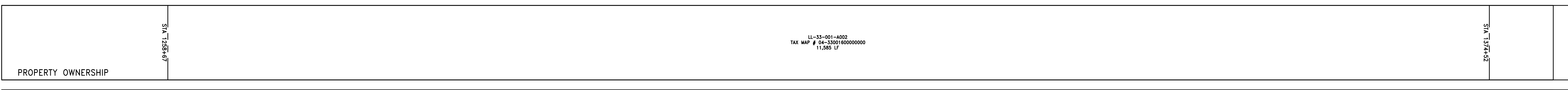
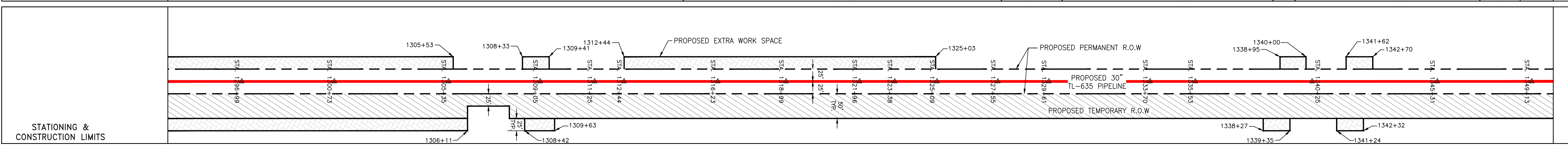
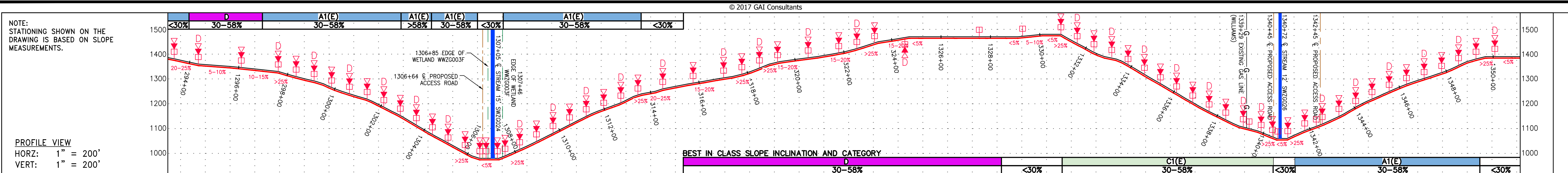
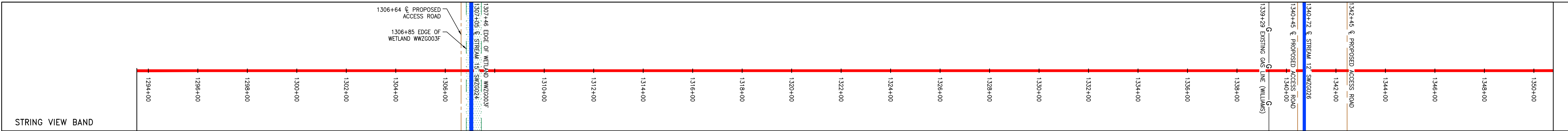


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PIPE SPECIFICATION



**LEGEND**

PROPOSED GAS PIPELINE (NO GROUND SURVEY)	EDGE OF PAVEMENT	COUNTY LINE	WELL	PERMANENT WATERBAR/SLOPE BREAKER	LIMIT OF DISTURBANCE
PROPOSED GAS PIPELINE (EXISTING)	PROPOSED ACCESS ROAD	PROPOSED TEMPORARY R.O.W.	TANK	TEMPORARY WATERBAR/SLOPE BREAKER	BELTED SILT RETENTION FENCE (BSRF)
EXISTING GAS PIPELINE	ROAD	TOP SOIL SEGREGATION	GAS MARKER	TRENCH BREAKER/PLUG	SUPER SILT FENCE
PROPOSED PERMANENT EASEMENT	STREAM	EXTRA WORK SPACE	TEST STATION	TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET	COMPOST FILTER SOCK IDENTIFICATION
PROPERTY LINE	DITCH	WETLAND	UTILITY POLE	STREAM CROSSING	ORANGE SAFETY FENCE
FENCE	OVERHEAD UTILITY LINES			USFWS STREAM CROSSING WITH ENHANCED CONTROLS	ROADSIDE DITCH
EDGE OF GRAVEL	CULVERT			SEEP	SOIL TYPE
				CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED	TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION
				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.

**REVISIONS**

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION
1	04/08/16	CJF	DJM	NET	REVISED PERC FILING

**JAMES A. HERRING**  
 12195  
 STATE OF WEST VIRGINIA  
 PROFESSIONAL ENGINEER

**DOMINION TRANSMISSION, INC.**  
 925 WHITE OAKS BLVD.  
 BRIDGEPORT, WV 26330

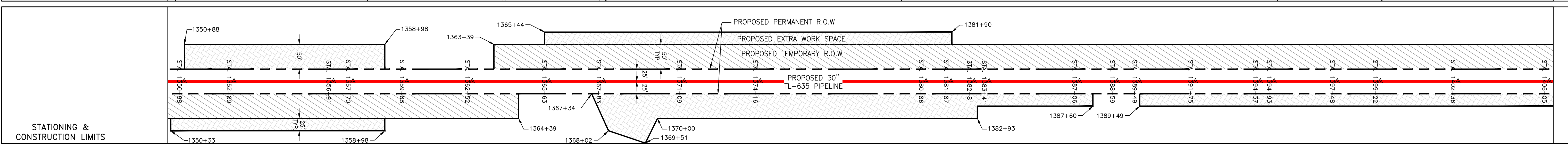
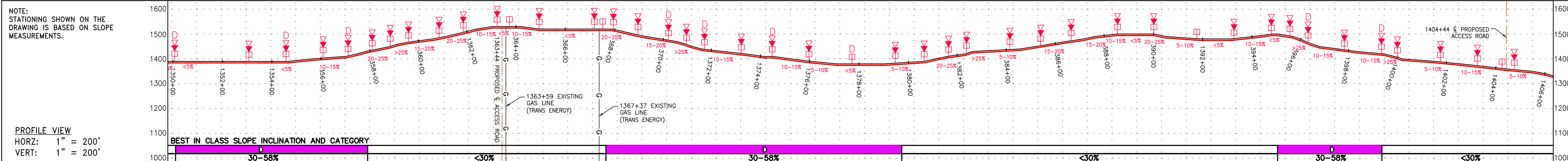
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 DATE: 6/6/17  
 DRAWN: ForthCJ  
 CHECKED: HoosIDL  
 APPROVED: TysonNE

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 TASK NO. SUB TASK NO. 005 00  
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 SHEET 25 OF 44

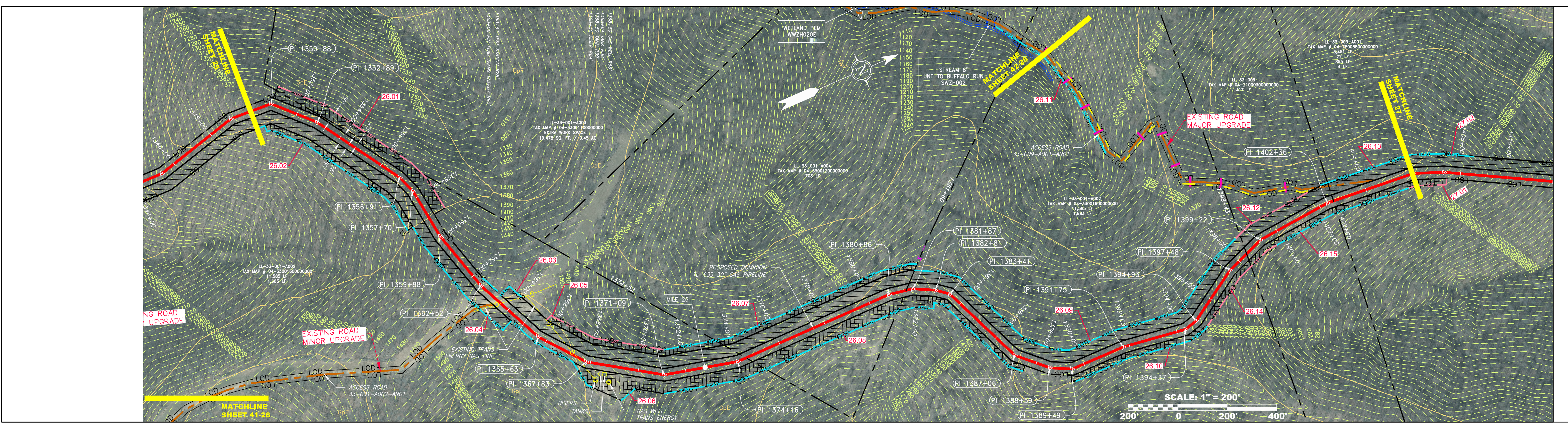
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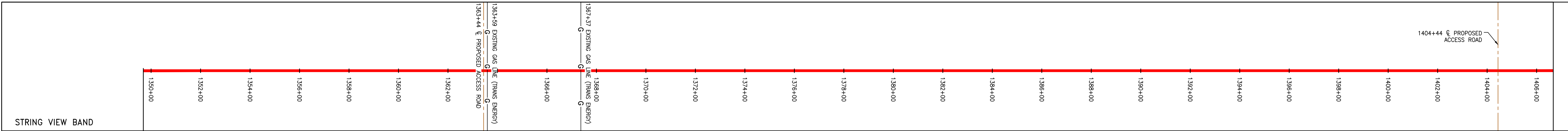
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PROPERTY OWNERSHIP				
<p>LL-33-001-0002 TAX MAP # 04-33001000000000 11,885 LF</p>	<p>LL-33-001-0003 TAX MAP # 04-33001000000000 EXTRA WORK SPACE = 19,478 SQ. FT. / 0.45 AC</p>	<p>LL-33-001-0004 TAX MAP # 04-33001200000000 708 LF</p>	<p>LL-33-001-0002 TAX MAP # 04-33001600000000 1,683 LF</p>	<p>LL-33-009-0001 TAX MAP # 04-28003500000000 3,451 LF</p>



PIPE SPECIFICATION
<p>30" TL-635 PIPELINE</p>



<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">—</span> PROPOSED GAS PIPELINE</li> <li><span style="color: red;">- - -</span> PROPOSED GAS PIPELINE (NO GROUND SURVEY)</li> <li><span style="color: black;">— G — G —</span> EXISTING GAS PIPELINE</li> <li><span style="color: black;">- - -</span> PROPOSED PERMANENT EASEMENT</li> <li><span style="color: black;">- X - X - X -</span> FENCE</li> <li><span style="color: black;">- - -</span> EDGE OF GRAVEL</li> <li><span style="color: black;">—</span> EDGE OF PAVEMENT</li> <li><span style="color: black;">—</span> PROPOSED ACCESS ROAD</li> <li><span style="color: black;">—</span> ROAD</li> <li><span style="color: black;">—</span> STREAM</li> <li><span style="color: black;">—</span> DITCH</li> <li><span style="color: black;">—</span> OVERHEAD UTILITY LINES</li> <li><span style="color: black;">—</span> CULVERT</li> <li><span style="color: magenta;">—</span> COUNTY LINE</li> <li><span style="color: magenta;">- - -</span> PROPOSED TEMPORARY R.O.W.</li> <li><span style="color: black;">- - -</span> TOP SOIL SEGREGATION</li> <li><span style="color: black;">- - -</span> EXTRA WORK SPACE</li> <li><span style="color: black;">- - -</span> WETLAND</li> <li><span style="color: black;">○</span> WELL</li> <li><span style="color: black;">○</span> TANK</li> <li><span style="color: black;">○</span> GAS MARKER</li> <li><span style="color: black;">○</span> TEST STATION</li> <li><span style="color: black;">○</span> UTILITY POLE</li> <li><span style="color: red;">▽</span> PERMANENT WATERBAR/SLOPE BREAKER</li> <li><span style="color: red;">▽</span> TEMPORARY WATERBAR/SLOPE BREAKER</li> <li><span style="color: red;">□</span> TRENCH BREAKER/PLUG</li> <li><span style="color: red;">□</span> TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET</li> <li><span style="color: red;">◇</span> STREAM CROSSING</li> <li><span style="color: red;">◇</span> USFWS STREAM CROSSING WITH ENHANCED CONTROLS</li> <li><span style="color: red;">◇</span> SEEP</li> <li><span style="color: red;">◇</span> CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED</li> <li><span style="color: red;">◇</span> CULVERT/WATERBAR</li> <li><span style="color: blue;">—</span> LIMIT OF DISTURBANCE</li> <li><span style="color: blue;">—</span> BELTED SILT RETENTION FENCE (BSRF)</li> <li><span style="color: blue;">—</span> SUPER SILT FENCE</li> <li><span style="color: blue;">—</span> COMPOST FILTER SOCK</li> <li><span style="color: blue;">—</span> SEDIMENT BARRIER IDENTIFICATION</li> <li><span style="color: blue;">—</span> ORANGE SAFETY FENCE</li> <li><span style="color: blue;">—</span> ROADSIDE DITCH</li> <li><span style="color: blue;">—</span> SOIL TYPE</li> <li><span style="color: blue;">—</span> TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION</li> </ul>	<p><b>NOTES</b></p> <ol style="list-style-type: none"> <li>COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.</li> <li>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.</li> <li>IMAGERY TAKEN FROM GOOGLE EARTH.</li> <li>THE PROPERTY LINES SHOWN ARE BASED ON GIS &amp; TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.</li> <li>STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.</li> <li>EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.</li> <li>ALL STATIONING SHOWN IS SLOPE STATIONING.</li> <li>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.</li> <li>EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES BAND.</li> <li>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.</li> <li>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.</li> </ol>
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REVISIONS	
NO.	DESCRIPTION
1	04/08/16 CUF
	NET
	CHKD. APPD.
	DWN.
	DATE

**DOMINION TRANSMISSION, INC.**  
925 WHITE OAKS BLVD.  
BRIDGEPORT, WV 26330

**gai consultants**

SOUTHPOINTE OFFICE  
6000 TOWN CENTER BOULEVARD  
SUITE 300 EAST  
CANONSBURG, PA 15317  
724-873-3545

PROJECT NO./DASH NO.  
**C141330-01**

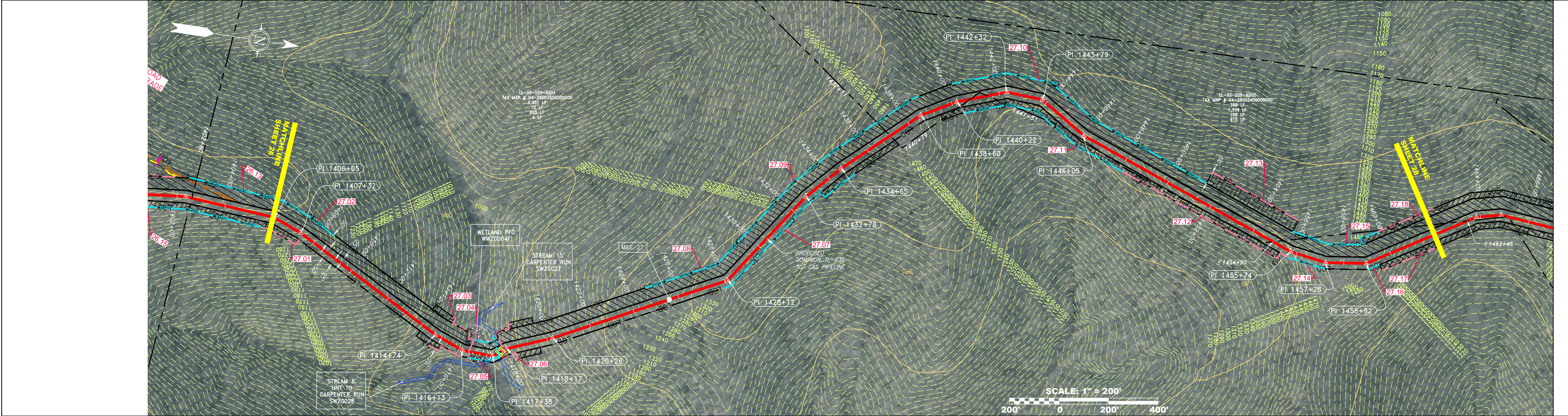
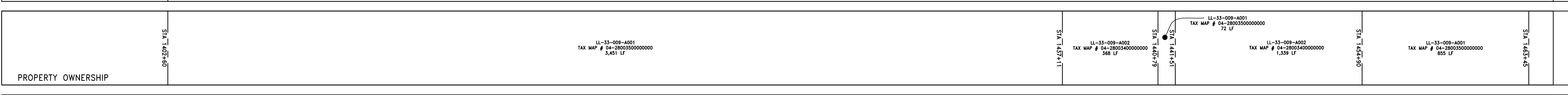
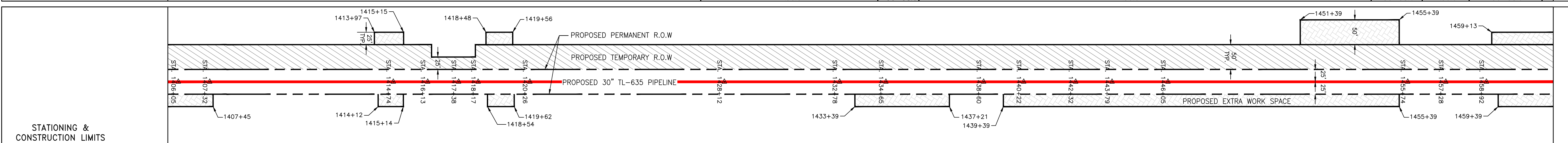
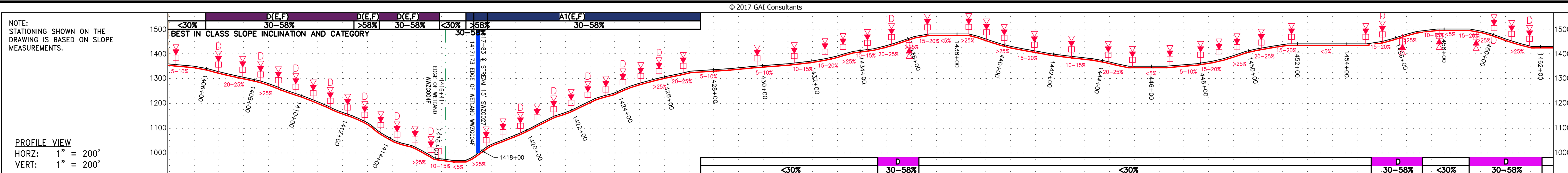
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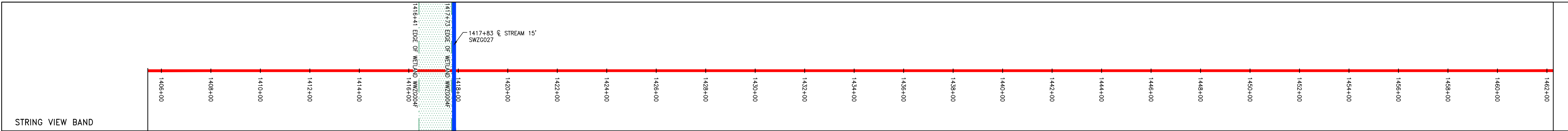
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PIPE SPECIFICATION

30" TL-635 PIPELINE	30" TL-635 PIPELINE
---------------------	---------------------



**LEGEND**

PROPOSED GAS PIPELINE (NO GROUND SURVEY)	EDGE OF PAVEMENT	COUNTY LINE	WELL	PERMANENT WATERBAR/SLOPE BREAKER	LIMIT OF DISTURBANCE
PROPOSED GAS PIPELINE (EXISTING)	PROPOSED ACCESS ROAD	PROPOSED TEMPORARY R.O.W.	TANK	TEMPORARY WATERBAR/SLOPE BREAKER	BELTED SILT RETENTION FENCE (BSRF)
EXISTING GAS PIPELINE	ROAD	TOP SOIL SEGREGATION	GAS MARKER	TRENCH BREAKER/PLUG	SUPER SILT FENCE
PROPOSED PERMANENT EASEMENT	STREAM	EXTRA WORK SPACE	TEST STATION	TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET	COMPOST FILTER SOCK
PROPERTY LINE	DITCH	WETLAND	UTILITY POLE	STREAM CROSSING WITH ENHANCED CONTROLS	SEDIMENT BARRIER IDENTIFICATION
FENCE	OVERHEAD UTILITY LINES			USFWS STREAM CROSSING WITH ENHANCED CONTROLS	ORANGE SAFETY FENCE
EDGE OF GRAVEL	CULVERT			SEE P	ROADSIDE DITCH
				CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED	SOIL TYPE
				CULVERT WATERBAR	TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION

**NOTES**

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**REVISIONS**

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION
1	04/08/16	CJF	DJM	NET	REVISED PERC FILING

**PROFESSIONAL ENGINEER**  
 JAMES A. HENNING  
 12195  
 STATE OF WEST VIRGINIA  
 PROFESSIONAL ENGINEER

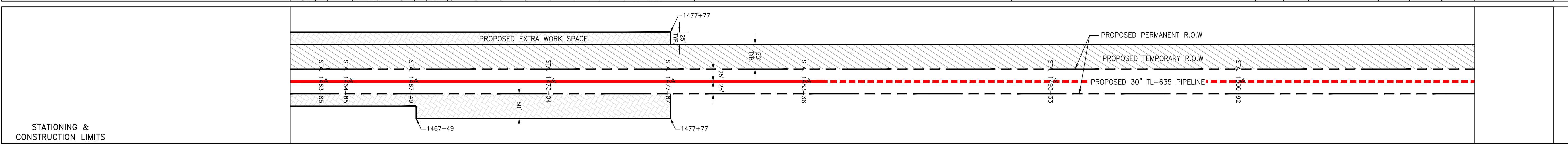
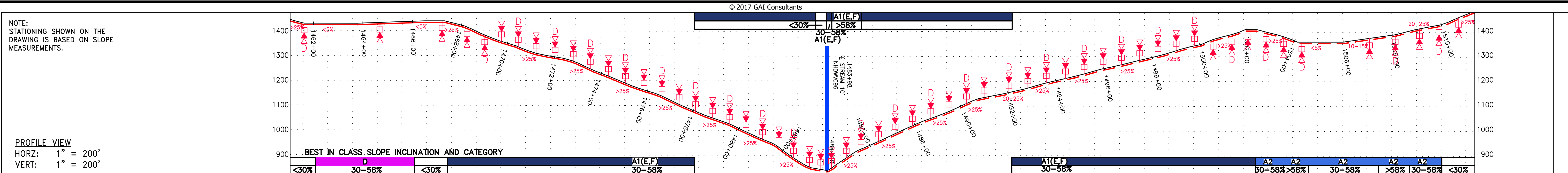
**DOMINION TRANSMISSION, INC.**  
 925 WHITE OAKS BLVD.  
 BRIDGEPORT, WV 26330

**SCALE: AS SHOWN**  
**DATE: 6/6/17**  
**DRAWN: ForthCJ**  
**CHECKED: HoosidL**  
**APPROVED: TysonNE**

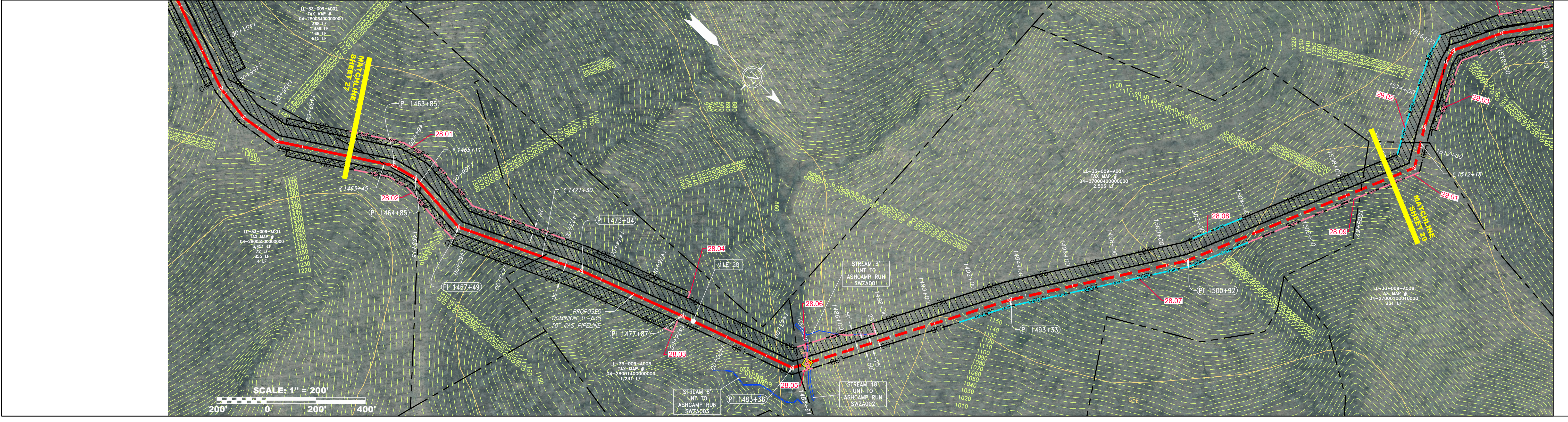
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**SHEET 27 OF 44**

**gai consultants**  
 SOUTHPOINTE OFFICE  
 6000 TOWN CENTER BOULEVARD  
 SUITE 300 EAST  
 CANONSBURG, PA 15317  
 724-873-3545

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PROPERTY OWNERSHIP	LL-33-009-A001 TAX MAP # 04-28003300000000 855 LF	LL-33-009-A002 TAX MAP # 04-28003400000000 166 LF	LL-33-009-A003 TAX MAP # 04-28001400000000 615 LF	LL-33-009-A004 TAX MAP # 04-27000400000000 2,506 LF	LL-33-009-A006 TAX MAP # 04-27000100010000 351 LF
06+11P L V I S	STA 1463+45	STA 1465+11	STA 1477+87	STA 1492+00	STA 1509+92



PIPE SPECIFICATION
1462+00
1464+00
1466+00
1468+00
1470+00
1472+00
1474+00
1476+00
1478+00
1480+00
1482+00
1484+00
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1508+00
1510+00

<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">—</span> PROPOSED GAS PIPELINE</li> <li><span style="color: red;">- - -</span> PROPOSED GAS PIPELINE (NO GROUND SURVEY)</li> <li><span style="color: grey;">—</span> EXISTING GAS PIPELINE</li> <li><span style="color: black;">- - -</span> PROPOSED PERMANENT EASEMENT</li> <li><span style="color: black;">— X — X —</span> FENCE</li> <li><span style="color: black;">- - -</span> EDGE OF GRAVEL</li> <li><span style="color: black;">—</span> EDGE OF PAVEMENT</li> <li><span style="color: blue;">—</span> PROPOSED ACCESS ROAD</li> <li><span style="color: blue;">—</span> ROAD</li> <li><span style="color: blue;">—</span> STREAM</li> <li><span style="color: blue;">- - -</span> DITCH</li> <li><span style="color: red;">—</span> OHE</li> <li><span style="color: red;">- - -</span> OVERHEAD UTILITY LINES</li> <li><span style="color: red;">- - -</span> CULVERT</li> <li><span style="color: magenta;">—</span> COUNTY LINE</li> <li><span style="color: magenta;">- - -</span> PROPOSED TEMPORARY R.O.W.</li> <li><span style="color: magenta;">- - -</span> TOP SOIL SEGREGATION</li> <li><span style="color: magenta;">- - -</span> EXTRA WORK SPACE</li> <li><span style="color: magenta;">- - -</span> WETLAND</li> <li><span style="color: black;">○</span> WELL</li> <li><span style="color: black;">○</span> TANK</li> <li><span style="color: black;">⊙</span> GAS MARKER</li> <li><span style="color: black;">⊙</span> TEST STATION</li> <li><span style="color: black;">⊙</span> UTILITY POLE</li> <li><span style="color: red;">▽</span> PERMANENT WATERBAR/SLOPE BREAKER</li> <li><span style="color: red;">▽</span> TEMPORARY WATERBAR/SLOPE BREAKER</li> <li><span style="color: red;">□</span> TRENCH BREAKER/PLUG</li> <li><span style="color: red;">□</span> TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET</li> <li><span style="color: red;">◇</span> STREAM CROSSING</li> <li><span style="color: red;">◇</span> USFWS STREAM CROSSING WITH ENHANCED CONTROLS</li> <li><span style="color: red;">◇</span> SEEP</li> <li><span style="color: red;">◇</span> CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED</li> <li><span style="color: red;">◇</span> CULVERT/ WATERBAR</li> <li><span style="color: blue;">—</span> LOD</li> <li><span style="color: blue;">—</span> BELTED SILT RETENTION FENCE (BSRF)</li> <li><span style="color: blue;">—</span> SUPER SILT FENCE</li> <li><span style="color: blue;">—</span> COMPOST FILTER SOCK</li> <li><span style="color: blue;">—</span> SEDIMENT BARRIER IDENTIFICATION</li> <li><span style="color: blue;">—</span> ORANGE SAFETY FENCE</li> <li><span style="color: blue;">—</span> ROADSIDE DITCH</li> <li><span style="color: blue;">—</span> SOIL TYPE</li> <li><span style="color: blue;">—</span> TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION</li> </ul>	<p><b>NOTES</b></p> <ol style="list-style-type: none"> <li>COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.</li> <li>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.</li> <li>IMAGERY TAKEN FROM GOOGLE EARTH.</li> <li>THE PROPERTY LINES SHOWN ARE BASED ON GIS &amp; TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.</li> <li>STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.</li> <li>EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.</li> <li>ALL STATIONING SHOWN IS SLOPE STATIONING.</li> <li>SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.</li> <li>BEST IN CLASS (BIC) STEEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN.</li> <li>EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES BAND.</li> <li>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.</li> <li>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.</li> </ol>
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REVISIONS	
NO.	DESCRIPTION
1	04/08/16 C/J D/W
	NET
	CHKD. APPD.
	DWN.
	DATE

**DOMINION TRANSMISSION, INC.**  
925 WHITE OAKS BLVD.  
BRIDGEPORT, WV 26330

WV SUPPLY HEADER PROJECT - 30" TL-635 PIPELINE  
CONSTRUCTION ALIGNMENT STA. 1462+00 TO 1510+00  
WETZEL COUNTY, WEST VIRGINIA

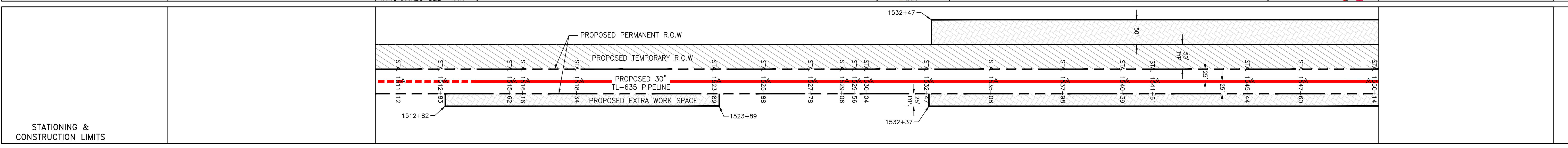
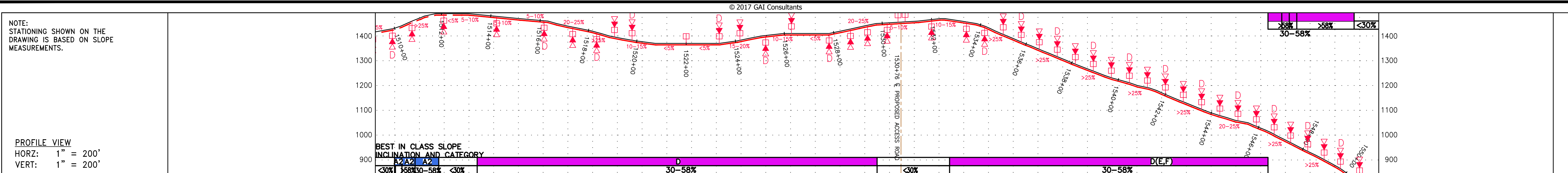
SCALE: AS SHOWN
DATE: 6/6/17
DRAWN: ForthCJ
CHECKED: HoosIDL
APPROVED: TysonNE

SOUTHPOINTE OFFICE  
6000 TOWN CENTER BOULEVARD  
SUITE 300 EAST  
CANONSBURG, PA 15317  
724-873-3545

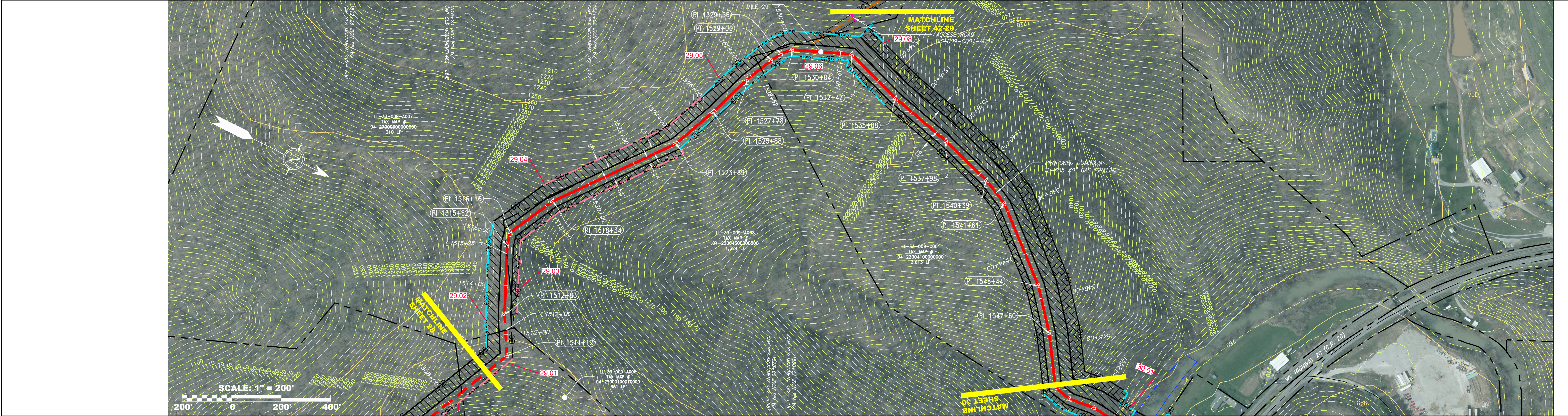
PROJECT NO./DASH NO. <b>C141330-01</b>
TASK NO. SUB TASK NO. <b>005 00</b>
GROUP ID DRAWING NO. <b>D E028</b>
SHEET <b>28</b> OF <b>44</b>

6/6/2017 4:21 PM

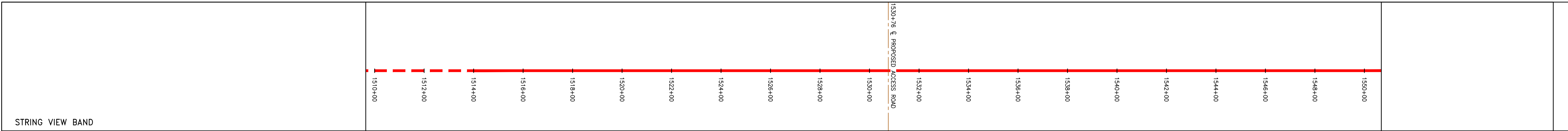
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PROPERTY OWNERSHIP	STATIONING	PROPERTY OWNERSHIP	STATIONING	PROPERTY OWNERSHIP	STATIONING	PROPERTY OWNERSHIP	STATIONING
LL-33-009-A006 TAX MAP # 04-2700030000000 351 LF	1512+82	LL-33-009-A007 TAX MAP # 04-2700030000000 310 LF	1515+28	LL-33-009-A008 TAX MAP # 04-2200410000000 1,324 LF	1523+89	LL-33-009-C001 TAX MAP # 04-2200410000000 2,613 LF	1550+14

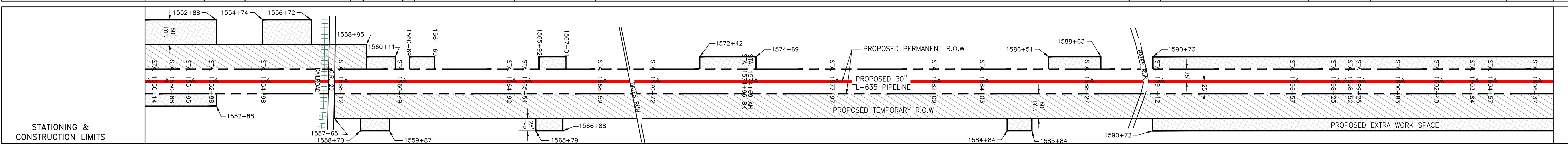
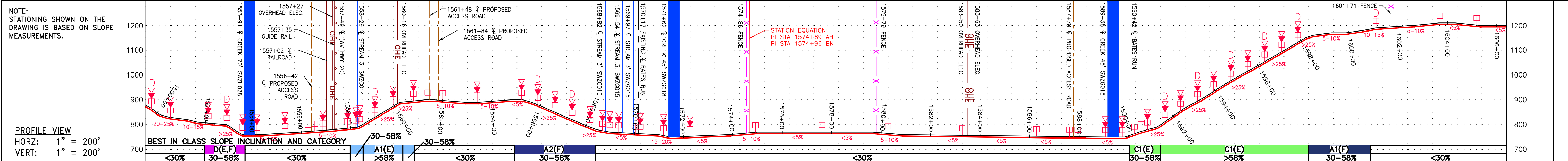


PIPE SPECIFICATION

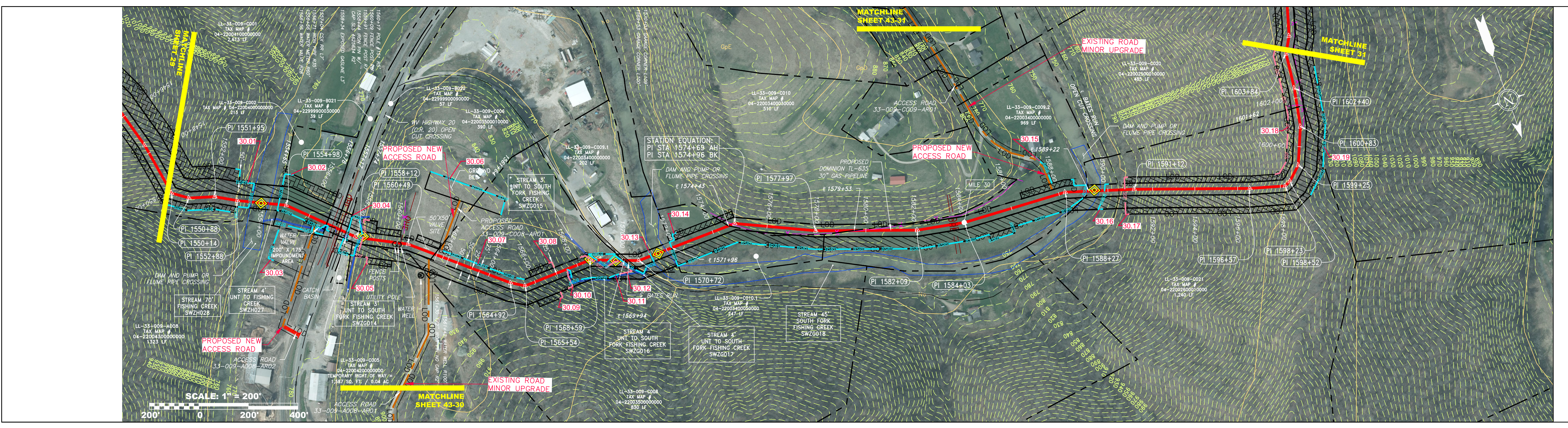


<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li><span style="color: red;">—</span> PROPOSED GAS PIPELINE</li> <li><span style="color: red;">- - -</span> PROPOSED GAS PIPELINE (NO GROUND SURVEY)</li> <li><span style="color: gray;">—</span> EXISTING GAS PIPELINE</li> <li><span style="color: gray;">- - -</span> PROPOSED PERMANENT EASEMENT</li> <li><span style="color: gray;">- - - X - - -</span> FENCE</li> <li><span style="color: gray;">- - -</span> EDGE OF GRAVEL</li> <li><span style="color: black;">—</span> EDGE OF PAVEMENT</li> <li><span style="color: blue;">—</span> PROPOSED ACCESS ROAD</li> <li><span style="color: blue;">—</span> ROAD</li> <li><span style="color: blue;">—</span> STREAM</li> <li><span style="color: blue;">- - -</span> DITCH</li> <li><span style="color: blue;">—</span> OVERHEAD UTILITY LINES</li> <li><span style="color: blue;">- - -</span> CULVERT</li> <li><span style="color: magenta;">—</span> COUNTY LINE</li> <li><span style="color: magenta;">- - -</span> PROPOSED TEMPORARY R.O.W.</li> <li><span style="color: magenta;">- - -</span> TOP SOIL SEGREGATION</li> <li><span style="color: magenta;">- - -</span> EXTRA WORK SPACE</li> <li><span style="color: magenta;">- - -</span> WETLAND</li> <li><span style="color: black;">○</span> WELL</li> <li><span style="color: black;">○</span> TANK</li> <li><span style="color: black;">⊙</span> GAS MARKER</li> <li><span style="color: black;">⊙</span> TEST STATION</li> <li><span style="color: black;">⊙</span> UTILITY POLE</li> <li><span style="color: red;">▽</span> PERMANENT WATERBAR/SLOPE BREAKER</li> <li><span style="color: red;">▽</span> TEMPORARY WATERBAR/SLOPE BREAKER</li> <li><span style="color: red;">□</span> TRENCH BREAKER/PLUG</li> <li><span style="color: red;">□</span> TRENCH BREAKER/PLUG BLEEDER</li> <li><span style="color: red;">□</span> DRAIN AND OUTLET</li> <li><span style="color: red;">◇</span> STREAM CROSSING</li> <li><span style="color: red;">◇</span> USFWS STREAM CROSSING WITH ENHANCED CONTROLS</li> <li><span style="color: red;">◇</span> SEEP</li> <li><span style="color: red;">◇</span> CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED</li> <li><span style="color: red;">◇</span> CULVERT/WATERBAR</li> <li><span style="color: blue;">—</span> LOD</li> <li><span style="color: blue;">—</span> BELTED SILT RETENTION FENCE (BSRF)</li> <li><span style="color: blue;">—</span> SUPER SILT FENCE</li> <li><span style="color: blue;">—</span> COMPOST FILTER SOCK</li> <li><span style="color: blue;">—</span> SEDIMENT BARRIER IDENTIFICATION</li> <li><span style="color: blue;">—</span> ORANGE SAFETY FENCE</li> <li><span style="color: blue;">—</span> ROADSIDE DITCH</li> <li><span style="color: blue;">—</span> SOIL TYPE</li> <li><span style="color: blue;">—</span> TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION</li> </ul>	<p><b>NOTES</b></p> <ol style="list-style-type: none"> <li>COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.</li> <li>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.</li> <li>IMAGERY TAKEN FROM GOOGLE EARTH.</li> <li>THE PROPERTY LINES SHOWN ARE BASED ON GIS &amp; TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.</li> <li>STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.</li> <li>EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.</li> <li>ALL STATIONING SHOWN IS SLOPE STATIONING.</li> <li>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.</li> <li>EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES BAND.</li> <li>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.</li> <li>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.</li> </ol>
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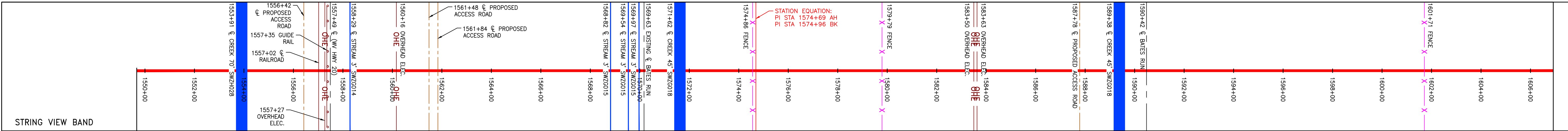
<p><b>WV SUPPLY HEADER PROJECT - 30" TL-635 PIPELINE</b>  <b>CONSTRUCTION ALIGNMENT STA. 1510+00 TO 1550+00</b>          WETZEL COUNTY, WEST VIRGINIA</p>	
<p><b>DOMINION TRANSMISSION, INC.</b>          925 WHITE OAKS BLVD.          BRIDGEPORT, WV 26330</p>	
<p>SCALE: AS SHOWN</p> <p>DATE: 6/6/17</p> <p>DRAWN: ForthCJ</p> <p>CHECKED: HoosIDL</p> <p>APPROVED: TysonNE</p>	<p>PROJECT NO./DASH NO. <b>C141330-01</b></p> <p>TASK NO. SUB TASK NO. <b>005 00</b></p> <p>GROUP ID DRAWING NO. <b>D E029</b></p> <p>SHEET <b>29</b> OF <b>44</b></p>



PROPERTY OWNERSHIP	LL-33-009-0001	LL-33-009-0002	LL-33-009-0003	LL-33-009-0004	LL-33-009-0005	LL-33-009-0006	LL-33-009-0007	LL-33-009-0008	LL-33-009-0009	LL-33-009-0010	LL-33-009-0011	LL-33-009-0012	LL-33-009-0013	LL-33-009-0014	LL-33-009-0015
TAX MAP #	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000	04-2200400000000
TOTAL AREA	2,613 LF	213 LF	57 LF	57 LF	390 LF	202 LF	247 LF	510 LF	969 LF	1,240 LF	485 LF				



PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION	PIPE SPECIFICATION
30-58%	30-58%	30-58%	30-58%	30-58%	30-58%	30-58%	30-58%	30-58%	30-58%	30-58%	30-58%	30-58%	30-58%	30-58%	30-58%



<p><b>LEGEND</b></p> <ul style="list-style-type: none"> <li>PROPOSED GAS PIPELINE</li> <li>PROPOSED GAS PIPELINE (NO GROUND SURVEY)</li> <li>EXISTING GAS PIPELINE</li> <li>PROPOSED PERMANENT EASEMENT</li> <li>PROPERTY LINE</li> <li>FENCE</li> <li>EDGE OF GRAVEL</li> <li>EDGE OF PAVEMENT</li> <li>PROPOSED ACCESS ROAD</li> <li>ROAD</li> <li>STREAM</li> <li>DITCH</li> <li>OVERHEAD UTILITY LINES</li> <li>CULVERT</li> <li>COUNTY LINE</li> <li>PROPOSED TEMPORARY R.O.W.</li> <li>TOP SOIL SEGREGATION</li> <li>EXTRA WORK SPACE</li> <li>WETLAND</li> <li>WELL</li> <li>TANK</li> <li>GAS MARKER</li> <li>TEST STATION</li> <li>UTILITY POLE</li> <li>PERMANENT WATERBAR/SLOPE BREAKER</li> <li>TEMPORARY WATERBAR/SLOPE BREAKER</li> <li>TRENCH BREAKER/PLUG</li> <li>TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET</li> <li>STREAM CROSSING</li> <li>USFWS STREAM CROSSING WITH ENHANCED CONTROLS</li> <li>SEEP</li> <li>CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED</li> <li>CULVERT WATERBAR</li> <li>LIMIT OF DISTURBANCE</li> <li>BELTED SILT RETENTION FENCE (BSRF)</li> <li>SUPER SILT FENCE</li> <li>COMPOST FILTER SOCK</li> <li>SEDIMENT BARRIER IDENTIFICATION</li> <li>ORANGE SAFETY FENCE</li> <li>ROADSIDE DITCH</li> <li>SOIL TYPE</li> <li>TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION</li> </ul>	<p><b>NOTES</b></p> <ol style="list-style-type: none"> <li>COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 81° W.</li> <li>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.</li> <li>IMAGERY TAKEN FROM GOOGLE EARTH.</li> <li>THE PROPERTY LINES SHOWN ARE BASED ON GIS &amp; TAX ASSESSMENT RECORDS (PROVIDED BY OTHERS). GAI CONSULTANTS MAKE NO GUARANTEE EITHER EXPRESSED OR IMPLIED AS TO THE ACCURACY OF THE RECORDS AS SHOWN ON THESE DRAWINGS.</li> <li>STREAM AND WETLAND DATA SHOWN ON THE DRAWINGS WAS PROVIDED BY ERM.</li> <li>EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.</li> <li>ALL STATIONING SHOWN IS SLOPE STATIONING.</li> <li>SILT FENCE AND FILTER SOCK SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.</li> <li>BEST IN CLASS (BIC) STEEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN.</li> <li>EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEEP SLOPES BAND.</li> <li>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.</li> <li>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.</li> </ol>
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NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION
1	04/08/16	CJF	DJW		REVISION PER PLANING

**DOMINION TRANSMISSION, INC.**  
 925 WHITE OAKS BLVD.  
 BRIDGEPORT, WV 26330

WV SUPPLY HEADER PROJECT - 30" TL-635 PIPELINE  
 CONSTRUCTION ALIGNMENT STA. 1550+00 TO 1604+00  
 WETZEL COUNTY, WEST VIRGINIA

SCALE: AS SHOWN  
 DATE: 6/6/17  
 DRAWN: ForthCJ  
 CHECKED: HoosIDL  
 APPROVED: TysonNE

PROJECT NO./DASH NO.  
**C141330-01**

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

GROUP ID DRAWING NO.  
**D E030**

SHEET **30** OF **44**