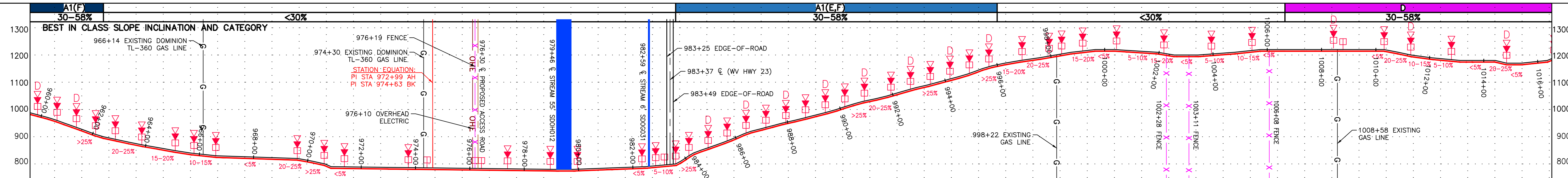


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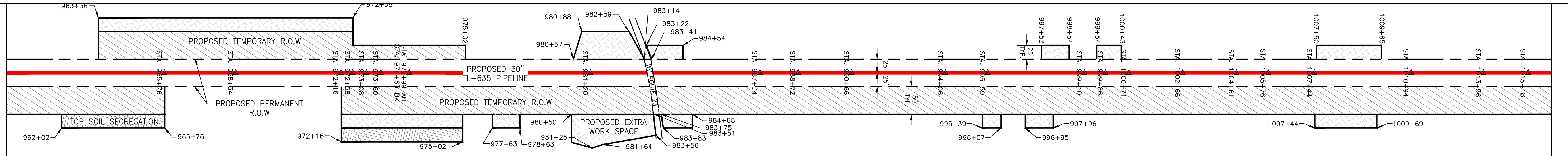
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NOTE: STATIONING SHOWN ON THE DRAWING IS BASED ON SLOPE MEASUREMENTS.

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

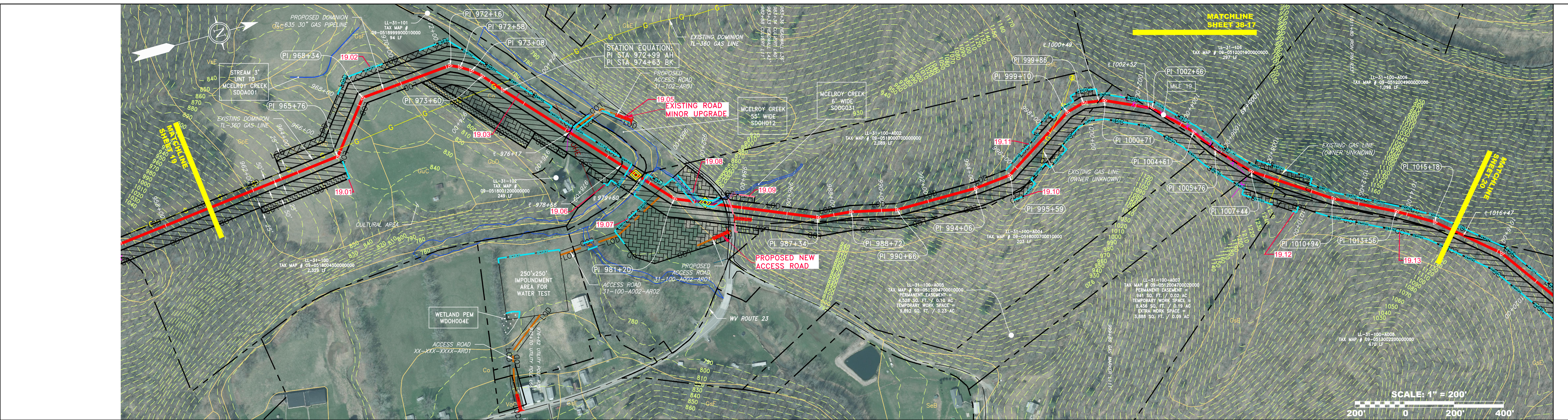


STATIONING & CONSTRUCTION LIMITS

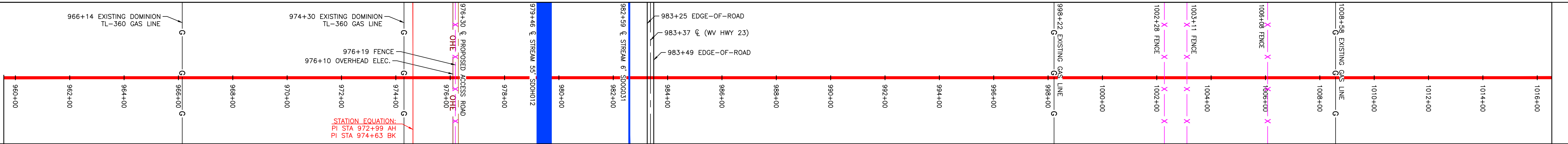


PROPERTY OWNERSHIP

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PIPE SPECIFICATION



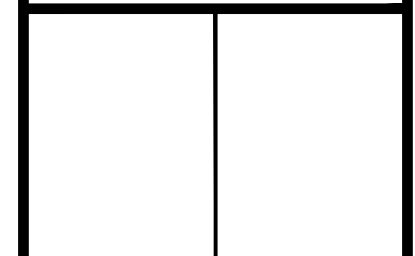
LEGEND

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

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- 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.
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NO.	DATE	DWN.	CHKD.	APPD.	DESCRIPTION
1	04/08/16	CJF	DJH	NET	REVISED PERC FILING



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

**WV SUPPLY HEADER PROJECT - 30" TL-635 PIPELINE
CONSTRUCTION ALIGNMENT STA. 960+00 TO 1016+00**
DODDRIEGE COUNTY, WEST VIRGINIA

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

gai consultants

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

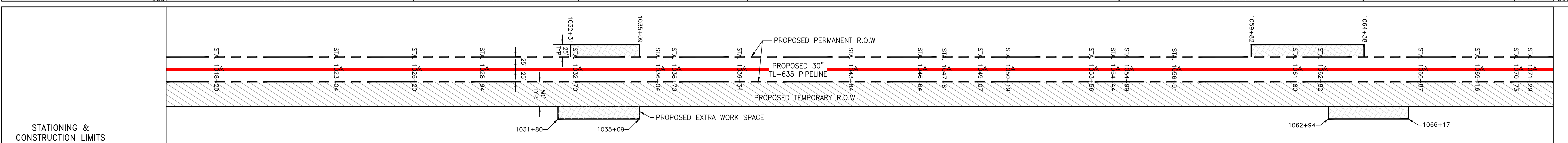
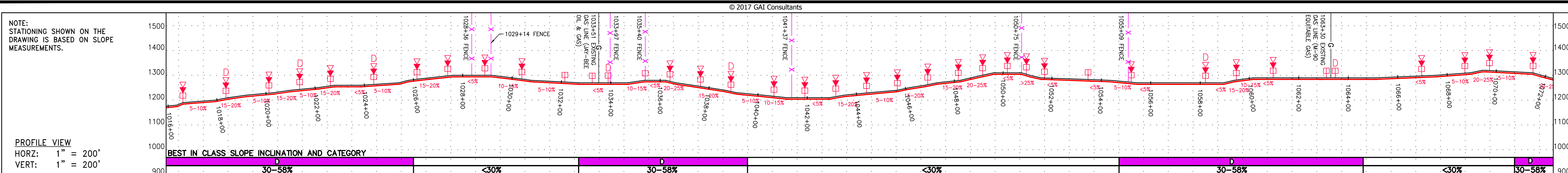
PROJECT NO./DASH NO.
C141330-01

TASK NO. SUB TASK NO.
005 00

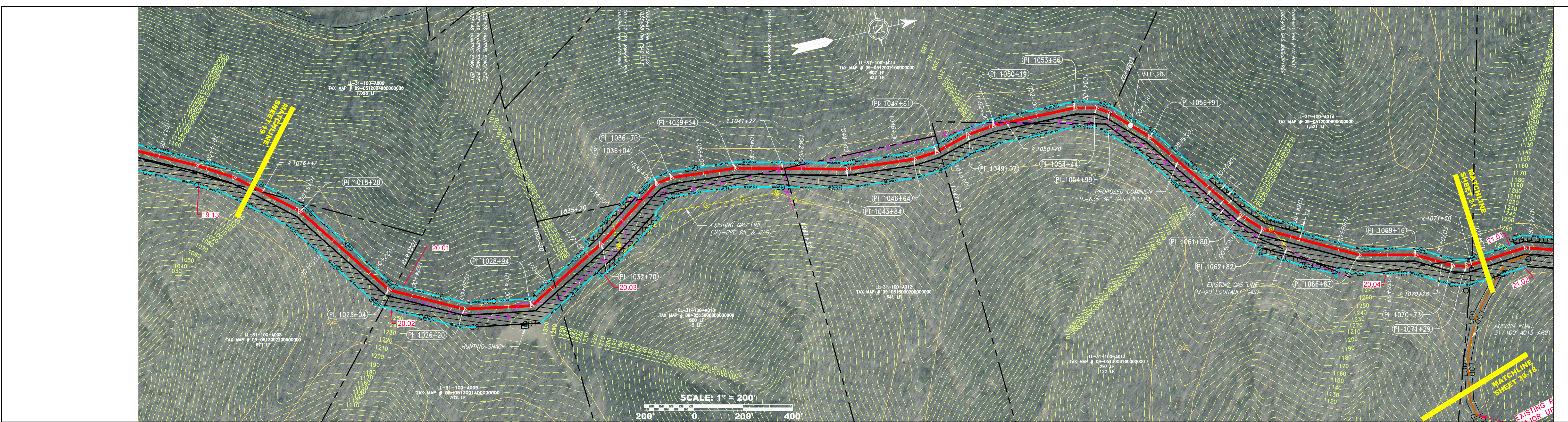
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SHEET 19 OF 44

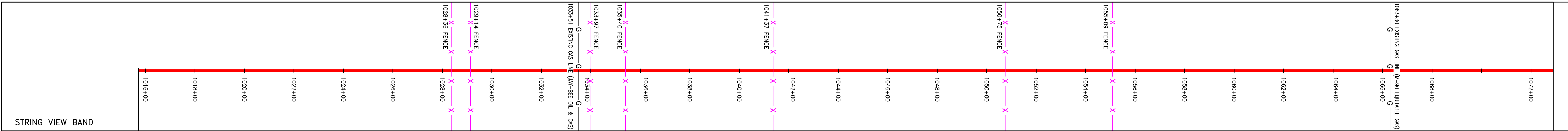
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PROPERTY OWNERSHIP	LL-31-100-4006 TAX MAP # 09-0512004900000000 1,098 LF	LL-31-100-4008 TAX MAP # 09-0513002200000000 871 LF	LL-31-100-4009 TAX MAP # 09-0513001400000000 702 LF	LL-31-100-4010 TAX MAP # 09-0513001500000000 500 LF	LL-31-100-4011 TAX MAP # 09-0512002100000000 607 LF	LL-31-100-4012 TAX MAP # 09-0513000700000000 5 LF	LL-31-100-4012 TAX MAP # 09-0513000700000000 641 LF	LL-31-100-4013 TAX MAP # 09-0513002100000000 287 LF	LL-31-100-4011 TAX MAP # 09-0513002100000000 437 LF	LL-31-100-4014 TAX MAP # 09-0513000000000000 1,521 LF	LL-31-100-4015 TAX MAP # 09-0513000000000000 122 LF
SIA 1016+47	SIA 1023+18	SIA 1028+20	SIA 1035+20	SIA 1041+27	SIA 1047+34	SIA 1054+14	SIA 1061+14	SIA 1068+16	SIA 1074+28	SIA 1077+28	SIA 1072+20



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 (GROUND SURVEY)	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

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REVISIONS

NO.	DATE	BY	CHKD.	APPD.	DESCRIPTION
1	04/08/16	CAF	DUM	NET	REVISED PERC FINING

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

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

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

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

PROJECT NO./DASH NO.
C141330-01

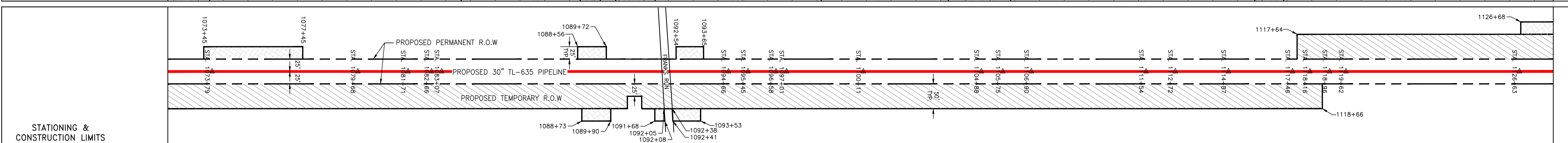
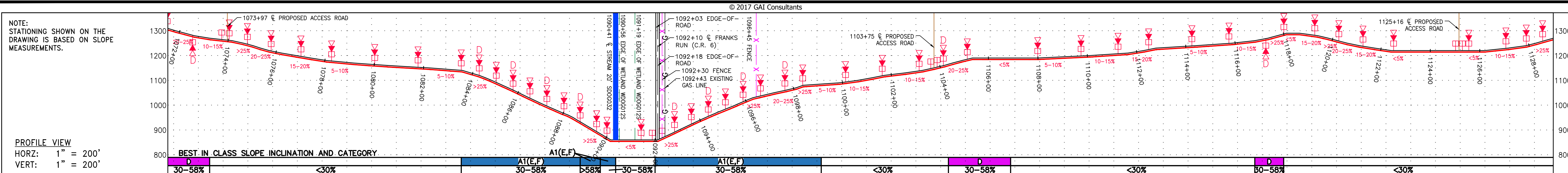
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GROUP ID DRAWING NO.
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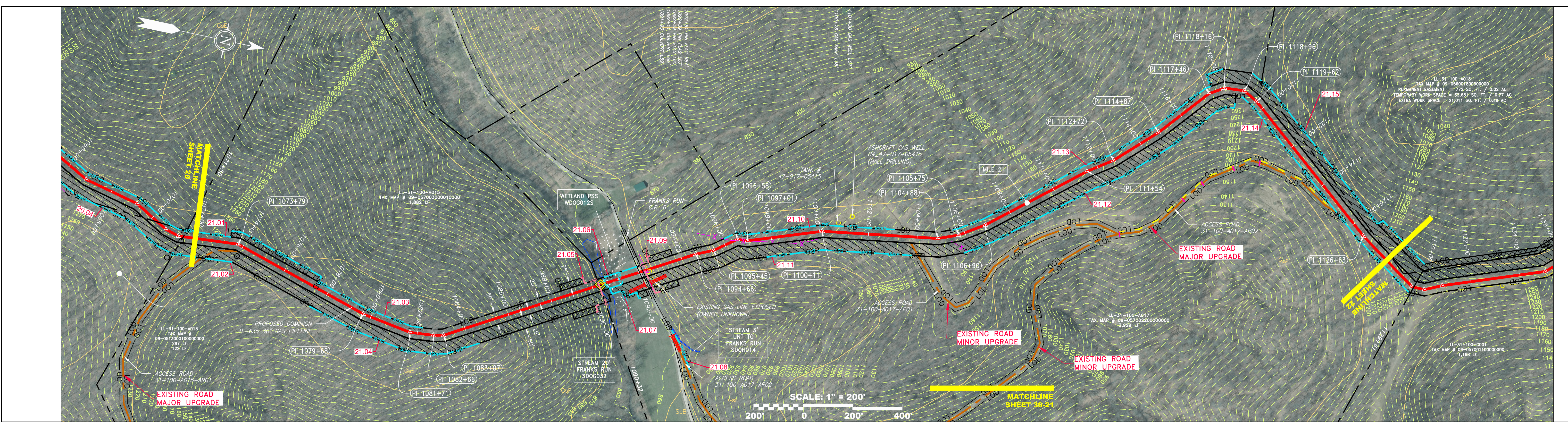
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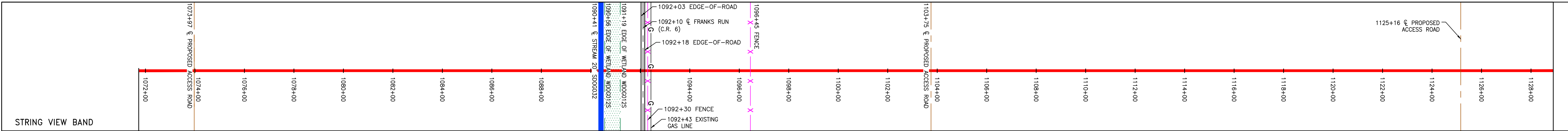
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PIPE SPECIFICATION

30-58%	A1(E,F)	A1(E,F)	D	D	30-58%	<30%
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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	TRENCH BREAKER/PLUG	BELTED SILT RETENTION FENCE (BSRF)
PROPOSED PERMANENT EASEMENT	ROAD	TOP SOIL SEGREGATION	GAS MARKER	TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET	SUPER SILT FENCE
FENCE	STREAM	EXTRA WORK SPACE	TEST STATION	STREAM CROSSING WITH ENHANCED CONTROLS	COMPOST FILTER SOCK
EDGE OF GRAVEL	DITCH	WETLAND	UTILITY POLE	ORANGE SAFETY FENCE	SEDIMENT BARRIER IDENTIFICATION
	OVERHEAD UTILITY LINES			ROADSIDE DITCH	SOIL TYPE
	CULVERT			CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED	TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION
				CULVERT WATERBAR	

NOTES

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

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

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

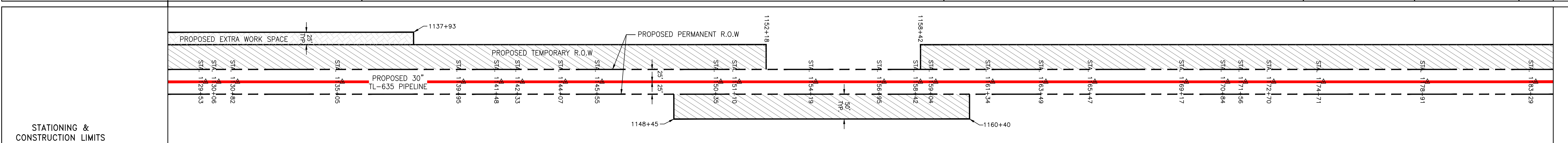
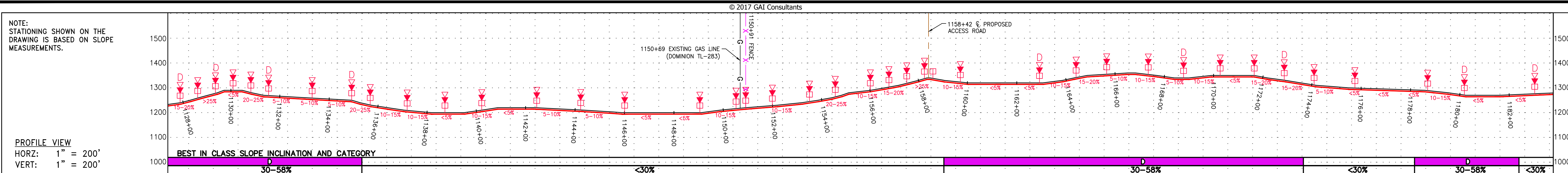
PROJECT NO./DASH NO.
C141330-01

TASK NO. SUB TASK NO.
005 00

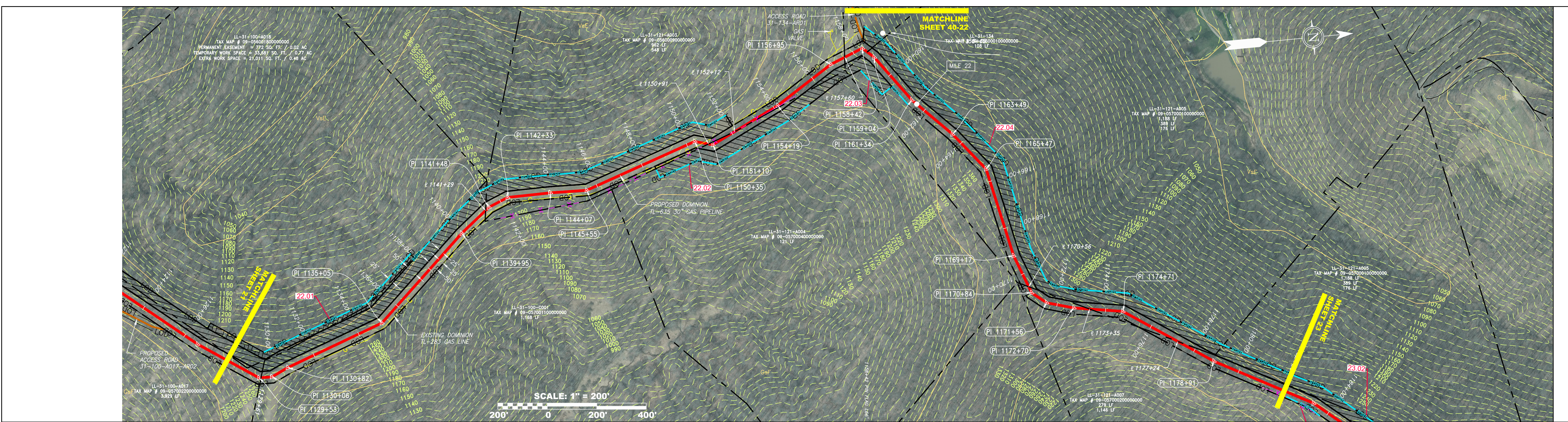
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D E021

SHEET **21** OF **44**

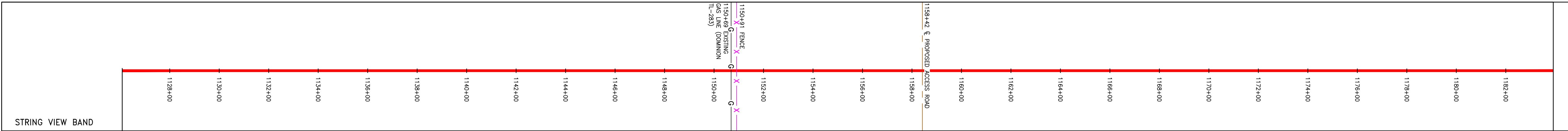
GAI CAD FILE NO. Z:\ENERGY\2014\C141330.01 - SUPPLY HEADER - SUR\CAD\SUR\C141330.01 - CONSTRUCTION_ALIGNMENT - WY.DWG\ALIGNMENT_SHEETS\C141330-01-000-00-E-0022-E024.DWG



PROPERTY OWNERSHIP	LL-31-100-A017 TAX MAP # 09-05702200000000 3,929 LF	LL-31-100-A018 TAX MAP # 09-0560018000000000 PERMANENT EASEMENT = 772 SQ. FT. / 0.02 AC TEMPORARY WORK SPACE = 33,681 SQ. FT. / 0.77 AC EXTRA WORK SPACE = 21,011 SQ. FT. / 0.48 AC	SIA 1139+46	LL-31-100-C001 TAX MAP # 09-0570011000000000 1,168 LF	SIA 1141+48	LL-31-121-A003 TAX MAP # 09-0560009000000000 982 LF	SIA 1150+91	LL-31-121-A004 TAX MAP # 09-0570004000000000 121 LF	SIA 1152+12	LL-31-121-A005 TAX MAP # 09-0560009000000000 548 LF	SIA 1157+40	LL-31-134 TAX MAP # 09-0560010000000000 108 LF	SIA 1158+48	LL-31-121-A005 TAX MAP # 09-0570010000000000 1,188 LF	SIA 1170+58	LL-31-121-A007 TAX MAP # 09-0570020000000000 279 LF	SIA 1173+35	LL-31-121-A005 TAX MAP # 09-0570010000000000 589 LF	SIA 1177+24	LL-31-121-A007 TAX MAP # 09-0570020000000000 1,148 LF	SIA 1182+00
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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	TRENCH BREAKER/PLUG	BELTED SILT RETENTION FENCE (BSRF)
EXISTING GAS PIPELINE	ROAD	TOP SOIL SEGREGATION	GAS MARKER	TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET	SUPER SILT FENCE
PROPOSED PERMANENT EASEMENT	STREAM	EXTRA WORK SPACE	TEST STATION	STREAM CROSSING WITH ENHANCED CONTROLS	COMPOST FILTER SOCK IDENTIFICATION
FENCE	DITCH	WETLAND	UTILITY POLE	USFWS STREAM CROSSING	ORANGE SAFETY FENCE
EDGE OF GRAVEL	OVERHEAD UTILITY LINES			SEEP	ROADSIDE DITCH
	CULVERT			CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED	SOIL TYPE
				CULVERT WATERBAR	TYPICAL BIG SLOPE CATEGORY SLOPE INCLINATION

NOTES

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JAMES A. HENNING
 REGISTERED PROFESSIONAL ENGINEER
 12195
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 925 WHITE OAKS BLVD.
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SCALE: AS SHOWN
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PROJECT NO./DASH NO.
C141330-01

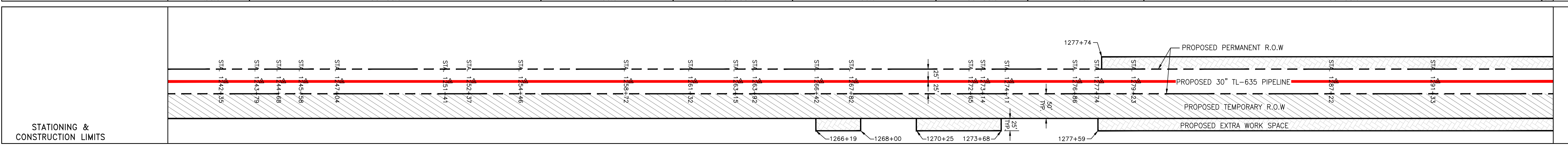
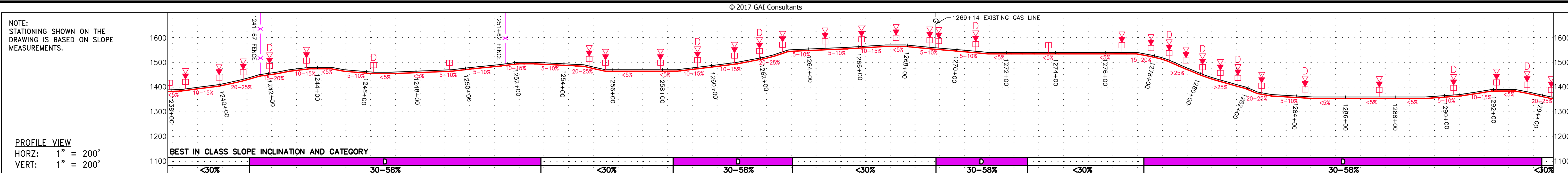
TASK NO. SUB TASK NO.
005 00

GROUP ID DRAWING NO.
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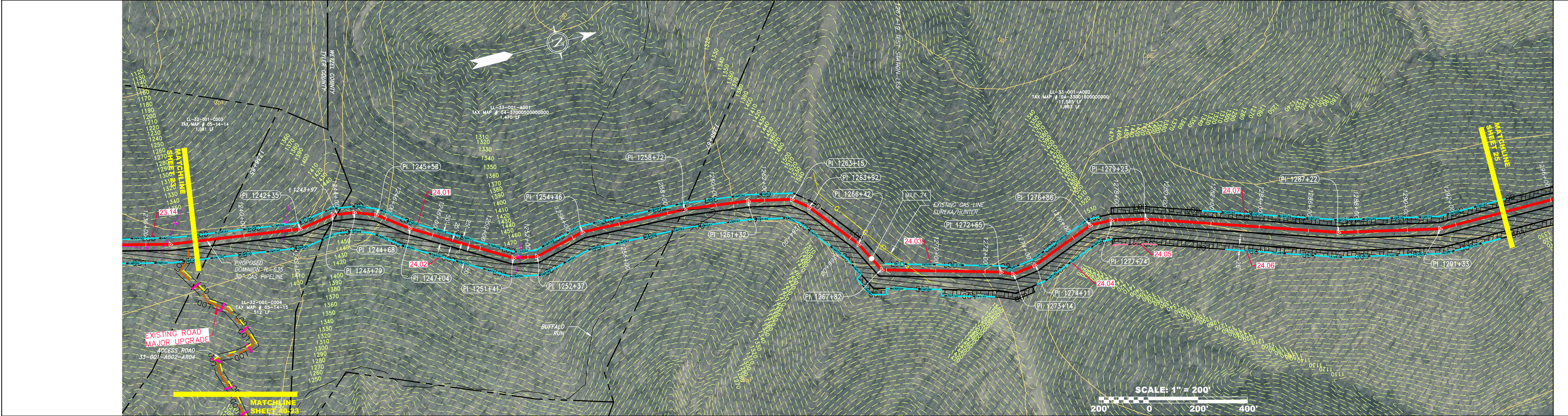
SHEET **22** OF **44**

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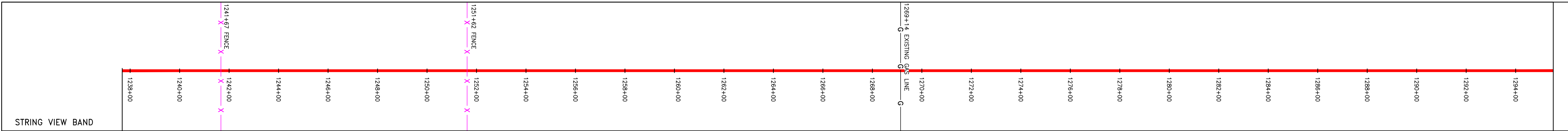
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PROPERTY OWNERSHIP
S/A 1237+94
LL-32-001-0003 TAX MAP # 05-14-14 1,091 LF
S/A 1238+45
LL-32-001-0004 TAX MAP # 05-14-15 512 LF
S/A 1243+97
LL-33-001-0001 TAX MAP # 04-3702050000000000 1,470 LF
S/A 1258+47
LL-33-001-0002 TAX MAP # 04-3300160000000000 11,585 LF
S/A 1274+52

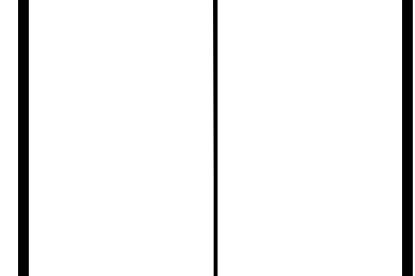


PIPE SPECIFICATION
30" TL-635 PIPELINE



<p>LEGEND</p> <ul style="list-style-type: none"> PROPOSED GAS PIPELINE PROPOSED GAS PIPELINE (NO GROUND SURVEY) EXISTING GAS PIPELINE PROPOSED PERMANENT EASEMENT PROPERTY LINE FENCE EDGE OF GRAVEL EDGE OF PAVEMENT PROPOSED ACCESS ROAD ROAD STREAM DITCH OVERHEAD UTILITY LINES CULVERT COUNTY LINE PROPOSED TEMPORARY R.O.W. TOP SOIL SEGREGATION EXTRA WORK SPACE WETLAND WELL TANK GAS MARKER TEST STATION UTILITY POLE PERMANENT WATERBAR/SLOPE BREAKER TEMPORARY WATERBAR/SLOPE BREAKER TRENCH BREAKER/PLUG TRENCH BREAKER/PLUG BLEEDER DRAIN AND OUTLET STREAM CROSSING USFWS STREAM CROSSING WITH ENHANCED CONTROLS SEEP CONSTRUCTION ENTRANCE WITH DITCH CULVERT AS NEEDED CULVERT/WATERBAR LIMIT OF DISTURBANCE BELTED SILT RETENTION FENCE (BSRF) SUPER SILT FENCE COMPOST FILTER SOCK 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. 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.
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REVISIONS	
NO.	DESCRIPTION
1	04/08/16 C/J
	NET
	CHKD. APPD.
	DWN.
	DATE



WV SUPPLY HEADER PROJECT - 30" TL-635 PIPELINE
CONSTRUCTION ALIGNMENT STA. 1238+00 TO 1294+00
 TYLER & WETZEL COUNTY, WEST VIRGINIA
DOMINION TRANSMISSION, INC.
 925 WHITE OAKS BLVD.
 BRIDGEPORT, WV 26330

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

gai consultants

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

PROJECT NO./DASH NO.
C141330-01

TASK NO. SUB TASK NO.
005 00

GROUP ID DRAWING NO.
D E024

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