








 **TOPSOIL SEGREGATION AREA**
PROPOSED TEMPORARY R.O.W
UTILITY POLE

NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).

-  **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 —	LIMIT OF DISTURBANCE	NO NO NO NO NO NO NO NO NO NO
— BSRF —	BELTED SILT RETENTION FENCE (BSRF)	
— — — — —	COMPOST FILTER SOCK	
111.03	SEDIMENT BARRIER IDENTIFICATION	
C 111.001	CULVERT IDENTIFICATION	
— X —	ORANGE SAFETY FENCE	
— — — — —	ROADSIDE DITCH	
— — — — —	SOIL TYPE	
— — — — —	SOIL TYPE	
— — — — —	SOIL TYPE	

NOTES:

1. COORDINATE SYSTEM USES FOOTPACING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, U SURVEY FOOT, CENTRAL MERIDIAN 81° W.
2. CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED FROM LIDAR DATA AND GSP SUBMERGED 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 GAI'S 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. ALL EROSION CONTROL FEATURES WILL BE SHOWN OUTLINE THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
7. ALL STATIIONING SHOWN IS SLOPE STATIIONING.
8. SALT PENCE AND SALT PENCE SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
9. BEST IN CLASS (BIC) STEP 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 STEP SLOPES BAND.
11. ACCESS ROADS TO BE CONSTRUCTED FOR OUR CLIENTS: 1. EXISTING ROADS TO BE IMPROVED TO 15% SLOPE, 2. 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 WILL HAVE ADEQUATE EROSION AND SEDIMENT CONTROLS PROVIDED FOR ROADS IN CATEGORIES 1 AND 2.
12. ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICED BMPs AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE SOURCE DATA AND IN THE ERM.
13. THE CONSTRUCTION RIGHT-OF-WAY (ROW) SHALL 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 AND ELEVATIONS AS DETERMINED BY THE ERM.

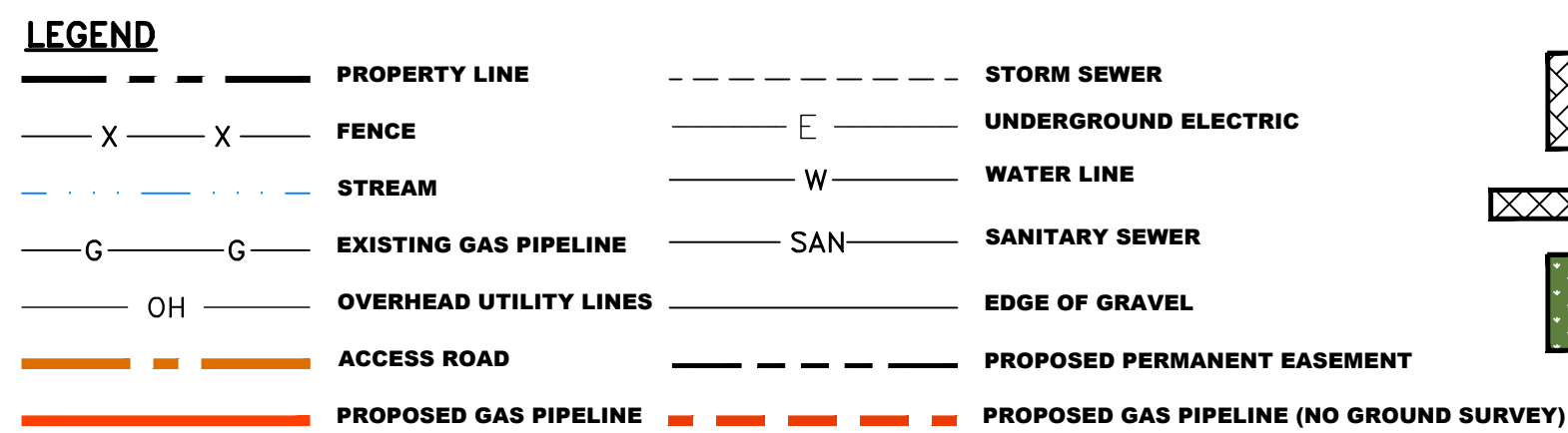
42" AP-1 PIPELINE
ACCESS ROAD DETAIL
BUCKINGHAM COUNTY, VIRGINIA

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

SCALE:	AS SHOWN
DATE:	3/24/17
DRAWN:	GPT
CHECKED:	DLH
APPROVED:	NET



PROJECT NO./DASH NO. 140468	
TASK NO. 005	SUB TASK NO. 00
GROUP ID D	DRAWING NO. E513
AR-513	



NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).

PERMANENT WATERBAR/SLOPE BREAK
TEMPORARY WATERBAR/SLOPE BREAK
TRENCH BREAKER/PLUG

STREAM CROSSING

**USFWS STREAM CROSSING
 WITH ENHANCED CONTROLS**

SEEP

SLOPE DIRECTION

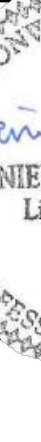

**CONSTRUCTION ENTRANCE WITH DITCH
 CULVERT AS NEEDED**

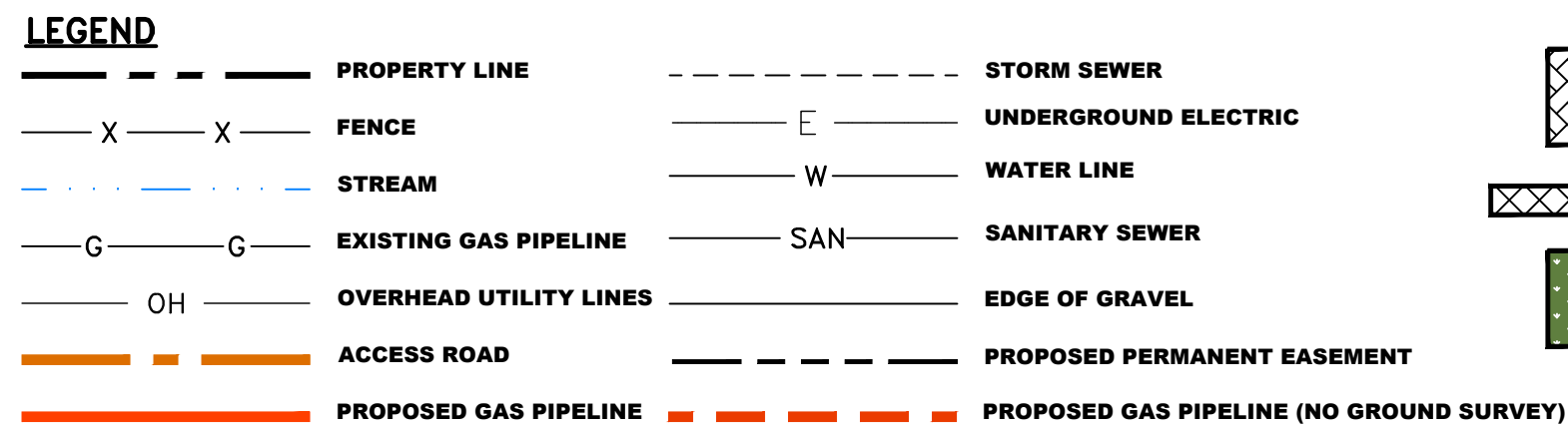
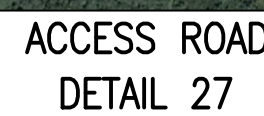
CULVERT/ WATERBAR

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
 A1 (E) SLOPE

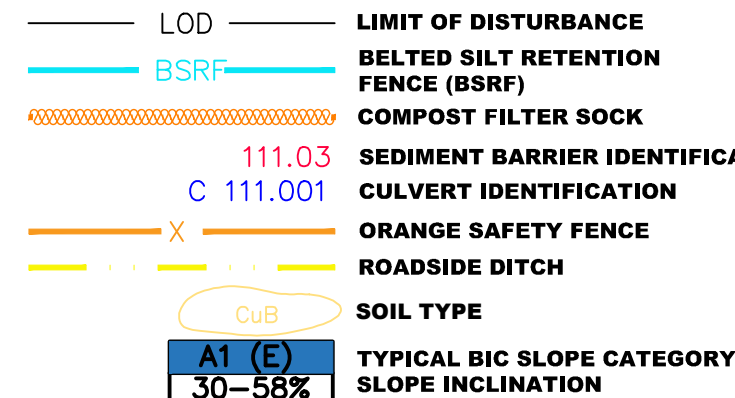
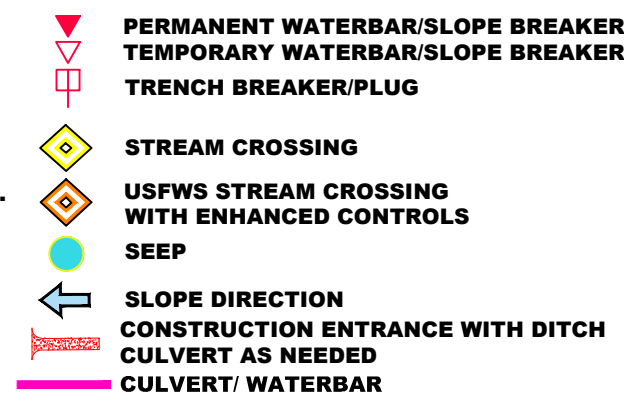
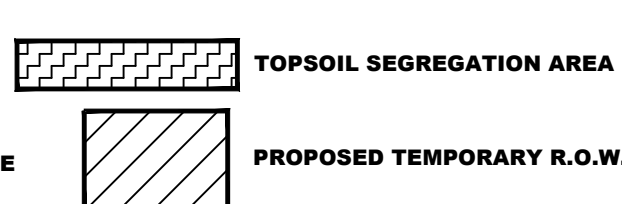
NOTES:

- COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, US SURVEY FOOT, CENTRAL MERIDIAN 87° 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 A SIX (6) 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.
- EXISTING AND PROPOSED ROAD AND DRIVEWAY FEATURES WILL BE SHOWN ON THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS.
- ALL STATIONING SHOWN IS SLOPE STATIONING.
- EXISTING AND PROPOSED DRAINAGE SHALL BE INSTALLED PARALLEL TO CONTOUR TO ENSURE PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
- BEST IN CLASS (BIC) STEP 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 STEP SLOPE BOUNDS.
- ACCESS ROADS SHALL BE PLACED IN FOUR CATEGORIES - 1. ACCESS ROADS TO EXISTING ROADS, 2. ACCESS ROADS TO 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 WILL HAVE ADEQUATE EROSION AND SEDIMENT CONTROLS PROVIDED FOR ROADS IN CATEGORIES 2 AND 3.
- ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED SMPS AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE SOURCE DATA.
- THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.5 FEDERAL ENVIRONMENTAL PROTECTION AGENCY (EPA) U.S. EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.5.6. IN ADDITION, WETLAND AND WATERBODY CROSSINGS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS.

<p>42" AP-1 PIPELINE ACCESS ROAD DETAIL BUCKINGHAM COUNTY, VIRGINIA</p>		<p>ATLANTIC COAST PIPELINE, LLC C/O DOMINION TRANSMISSION, INC. 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330</p>				<p>NO.</p>		<p>DATE</p>		<p>DRAWN</p>		<p>CHECKED</p>		<p>APPROVED</p>		<p>REVISIONS</p>	
<p>SCALE: AS SHOWN</p>		<p>DATE: 3/24/17</p>		<p>DRAWN: GPT</p>		<p>CHECKED: DLH</p>		<p>APPROVED: NET</p>		 <p>gai consultants</p> <p>SOUTHPOINTE OFFICE 6000 TOWN CENTER BLVD. CANONSBURG, PA 15317 724-873-3545</p>							
<p>PROJECT NO./DASH NO. 140468</p>		<p>TASK NO. 005</p>		<p>SUB TASK NO. 00</p>		<p>GROUP ID D</p>		<p>DRAWING NO. E514</p>		<p>AR-514</p>							



NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).



NOTES:

COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, USE SURVEY FOOT, CENTRAL MERIDIAN 81° W. CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED FROM LIDAR DATA AND GPS SUB-METER GROUND SURVEY PERFORMED BY GA CONSULTANTS, INC FROM 11-03-2014 THRU IMAGERY TAKEN FROM GOOGLE EARTH.

THE PROPERTY LINE SHOWN ON THIS DRAWING IS BASED ON GIS & TAC ASSESSMENT RECORDS (PROVIDED BY OTHERS). GA 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 ERG.

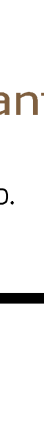
EROSION AND SEDIMENTATION CONTROL ELEMENTS MAY BE SHOWN OUTSIDE OF THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS ALL STATIONING SHOWN IS SLOPE STATIONING.

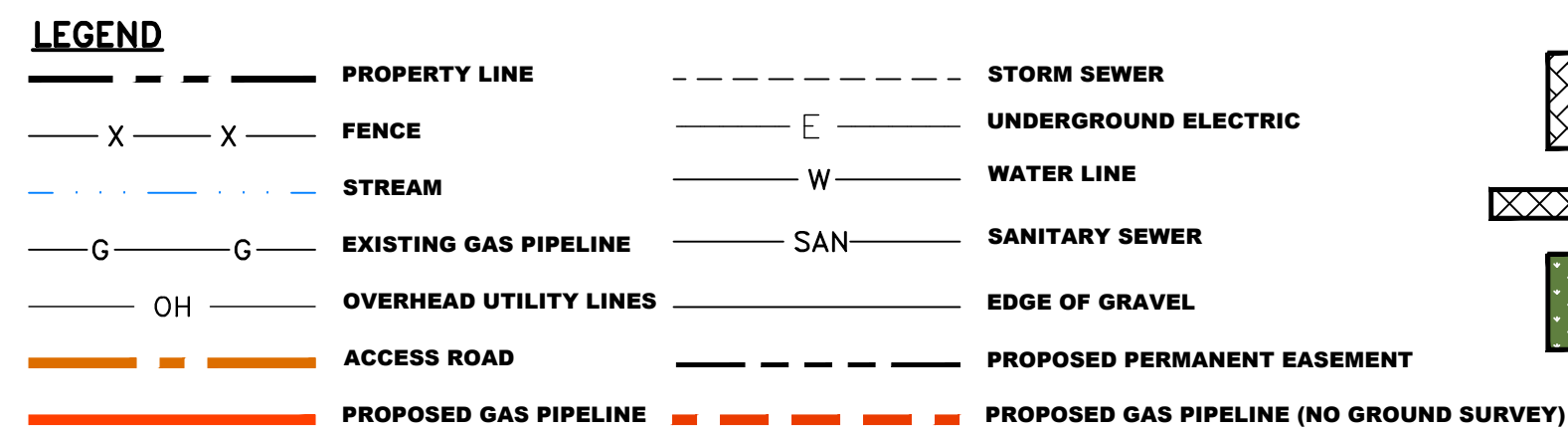
A PROTECTIVE BUFFER SHALL BE INSTALLED PARALLEL TO CONTOUR TO ENSURE EFFECT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL BUILT IN CLASS (B)C STEP SLOPE CATEGORY INFORMATION CAN BE FOUND IN THE APPENDIX OF THE STORMWATER POLLUTION PREVENTION PLAN.

EROSION CONTROL MATTING SHALL BE PLACED IN AREAS OF 30% SLOPE AND GREATER, WHICH ARE INDICATED ON THE BEST IN CLASS STEP SLOPES AND ARE LOCATED BETWEEN THE EXISTING ROAD AND THE PROPOSED ROAD. MATTING SHALL BE INSTALLED ALONG ALL 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 SHALL BE CONSIDERED AS A SPECIAL CASE.

*ERG IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICTED BMP'S AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS SHOWN ON THE DRAWINGS.

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) UPWARD EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.A.6. IN ADDITION, WETLAND AND WATERBODY CROSSINGS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.A.6 FEDERAL ENERGY REGULATORY COMMISSION (FERC) DOWNWARD EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.A.6.

<p>42" AP-1 PIPELINE ACCESS ROAD DETAIL BUCKINGHAM COUNTY, VIRGINIA</p>		<p>ATLANTIC COAST PIPELINE, LLC C/O DOMINION TRANSMISSION, INC. 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330</p>		<p>COMMONWEALTH OF VIRGINIA <i>Daniel R. Goldstein</i> DANIEL R. GOLDSTEIN Lic. No. 047436 PROFESSIONAL ENGINEER</p>		<p>NO.</p>		<p>DATE</p>		<p>DWN.</p>		<p>CHKD.</p>		<p>APPROD.</p>		<p>DESCRIPTION</p>		<p>REVISIONS</p>	
<p>SCALE: AS SHOWN</p>		<p>DATE: 3/24/17</p>		<p>DRAWN: GPT</p>		<p>CHECKED: DLH</p>		<p>APPROVED: NET</p>		 <p>gai consultants</p> <p>SOUTHPOINTE OFFICE 6000 TOWN CENTER BLVD. CANONSBURG, PA 15317 724-873-3545</p>									
<p>PROJECT NO./DASH NO. 140468</p>		<p>TASK NO. 005</p>		<p>SUB TASK NO. 00</p>		<p>GROUP ID D</p>		<p>DRAWING NO. E515</p>		<p>AR-515</p>									












 **EXTRA WORK SPACE**

 **AREA OF NO DISTURBANCE**

 **WETLAND**
(COLOR SHOWN TO PROVIDE CLARITY ONLY)

NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).

-  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

The diagram illustrates a soil profile with various layers and their corresponding soil types and categories. The layers are represented by colored horizontal bars, and the soil types are listed to the right of each bar. The soil categories are listed to the left of each bar.

Soil Category	Soil Type
LOD	LIMIT OF DISTURBANCE
BSRF	BELTED SILT RETENTION FENCE (BSRF)
111.03	COMPOST FILTER SOCK
C 111.001	SEDIMENT BARRIER IDENTIFICATION
X	CULVERT IDENTIFICATION
	ORANGE SAFETY FENCE
	ROADSIDE DITCH
	SOIL TYPE
	CuB
A1 (E)	TYPICAL BCI SLOPE CATEGORY
SLOPE 58%	SLOPE INCLINATION

NOTES:

COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NADS DATUM, ZONE 17, U SURVEY FOOT, CENTRAL MERIDIAN 81° W. CONTOURS AND TOPOGRAPHIC FEATURES WERE DERIVED FROM LIDAR DATA AND OPS SUB-METER GROUND SURVEY PERFORMED BY GW CONSULTANTS, INC FROM 11-03-2014 THRU 11-03-2015.

IMAGERY TAKEN FROM GOOGLE EARTH.

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.

EXISTING AND PROPOSED ROAD RIGHT-OF-WAY BOUNDARIES WILL BE SHOWN ON THE WORK AREAS FOR CLARITY ONLY. ACTUAL INSTALLATION SHALL BE WITHIN THE WORK AREAS. ALL STATIONING SHOWN IS SLOPE STATIONING.

EXISTING DRAINAGE CHANNELS ARE TO BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.



BEST IN CLASS (B) SLOPE 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 SLOPE STAGES.

EROSION CONTROL MATTING IS REQUIRED INTO FOUR CATEGORIES: 1) EXISTING ROADS, 2) EXISTING ROADS WITH 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 WILL BE PROVIDED WITH EROSION AND SEDIMENT CONTROLS.



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 SHOWN ON THE DRAWINGS. ERM DOES NOT WARRANT THE ACCURACY OF THE DATA PROVIDED.


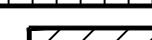
THE CONSTRUCTION ROAD-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.5 FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND EROSION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.A.5. IN ADDITION, WETLAND AND WATERBODY CROSSINGS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS.



42" AP-1 PIPELINE ACCESS ROAD DETAIL BUCKINGHAM COUNTY, VIRGINIA		ATLANTIC COAST PIPELINE, LLC c/o DOMINION TRANSMISSION, INC. 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330		NO.		DATE		DWNL.		CHKD.		APPROV.		DESCRIPTION	
REVISIONS															
<div><div><div>COMMONWEALTH OF VIRGINIA</div><div>Daniel R. Goldstein</div><div>DANIEL R. GOLDSTEIN</div><div>Lic. No. 047436</div><div>PROFESSIONAL ENGINEER</div></div><div>ERM</div></div>															
SCALE: AS SHOWN															
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<div></div> <div>gai consultants</div> <div>SOUTHPOINTE OFFICE 6000 TOWN CENTER BLVD. CANONSBURG, PA 15317 724-873-3545</div>															
PROJECT NO./DASH NO. 140468															
TASK NO. 005		SUB TASK NO. 00													
GROUP ID D		DRAWING NO. E516													
AR-516															



THIS DRAWING WAS PRODUCED WITH COMPUTER AIDED DRAFTING TECHNOLOGY AND IS SUPPORTED BY ELECTRONIC DRAWING FILES. DO NOT REVISE THIS DRAWING VIA MANUAL DRAFTING METHODS.

 **EXTRA WORK SPACE**
 **TOPSOIL SEGREGATION AREA**

 **AREA OF NO DISTURBANCE**
 **PROPOSED TEMPORARY R.O.W.**

 **WETLAND**
 **UTILITY POLE**

(COLOR SHOWN TO PROVIDE CLARITY ONLY)




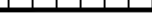


NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).

- NOTES:
1. COORDINATE SYSTEM USED FOR MAPPING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, U.S. 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 G & T AX ASSESSMENT RECORDS (PROVIDED BY OTHERS); GAI CONSULTANTS MAKES 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 MEASURES WILL 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 EROSION CONTROL SHALE INSTALLED PARALLEL TO CONTOUR TO ENSURE EFFECTIVE 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 MEASURES WILL BE SHOWN OUTSIDE OF THE WORK AREAS WHICH ARE INDICATED ON THE SLOPE MAP.
 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 WILL HAVE ADEQUATE EROSION AND SEDIMENT CONTROLS PROVIDED TO PREVENT EROSION AND SEDIMENTATION.
 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 SOURCE DATA.
 13. THE CONSTRUCTION RIGHT-OF-WAY (ROW) WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH SECTION V.6.5 FEDERAL ENERGY REGULATORY COMMISSION (FERC) UPLAND OPERATION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.6.5. IN ADDITION, WETLAND AND WATERBODY CROSSINGS WILL BE RESTORED TO PRE-CONSTRUCTION CONTOURS IN ACCORDANCE WITH THE FERC UPLAND OPERATION CONTROL, REVEGETATION, AND MAINTENANCE PLAN, SECTION V.6.5.



THIS DRAWING WAS PRODUCED WITH COMPUTER AIDED DRAFTING TECHNOLOGY AND IS SUPPORTED BY ELECTRONIC DRAWING FILES. DO NOT REVISE THIS DRAWING VIA MANUAL DRAFTING METHODS.


LEGEND

	EXTRA WORK SPACE		TOPSOIL SEGREGATION AREA AREA
	AREA OF NO DISTURBANCE		PROPOSED TEMPORARY R.O.W.
	WETLAND		UTILITY POLE

(COLOR SHOWN TO PROVIDE CLARITY ONLY)

NOTE: THE PE SEAL AND SIGNATURE APPLIES ONLY TO THE E&S CONTROL DESIGN COMPLETED BY ERM (SEE NOTE 12).

- NOTES:
1. COORDINATE SYSTEM USES FOOTPACING AND TOPOGRAPHY - UTM WITH NAD83 DATUM, ZONE 17, U SURVEY FOOT, CENTRAL MERIDIAN 81° W.
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 7. ALL STATIIONING SHOWN IS SLOPE STATIIONING.
 8. SALT PENCE AND SALT PENCE SHALL BE INSTALLED PARALLEL TO CONTOUR TO EXTENT PRACTICABLE IN ACCORDANCE WITH STANDARD DETAIL.
 9. BEST IN CLASS (BIC) STEP 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 STEP SLOPES BAND.
 11. ACCESS ROADS TO BE CONSTRUCTED BY OUR CONTRACTOR: 1. EXISTING ROADS TO BE IMPROVED, 2. 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 WILL HAVE ADEQUATE EROSION AND SEDIMENT CONTROLS PROVIDED FOR ROADS IN CATEGORIES 1 AND 2.
 12. ERM IS SOLELY RESPONSIBLE FOR THE NATURE AND LOCATION OF THE DEPICED BMPs AS OF THE DATE SIGNED AND SEALED BASED ON THE SOURCE DATA PROVIDED AND AS DESCRIBED IN THE ERM AND IN THE ERM SHEET.
 13. THE CONSTRUCTION RIGHT-OF-WAY (ROW) SHALL 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 AND ELEVATIONS AS DETERMINED BY THE ERM.

42" AP-1 PIPELINE ACCESS ROAD DETAIL BUCKINGHAM COUNTY, VIRGINIA		ATLANTIC COAST PIPELINE, LLC C/O DOMINION TRANSMISSION, INC. 925 WHITE OAKS BLVD., BRIDGEPORT, WV 26330		NO. _____ DATE _____ DWNL. _____ CHKD. _____ APPVD. _____ DESCRIPTION _____ REVISIONS _____	
SCALE: AS SHOWN DATE: 3/24/17 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. SUB TASK NO. 005 00 GROUP ID DRAWING NO. D E518	
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