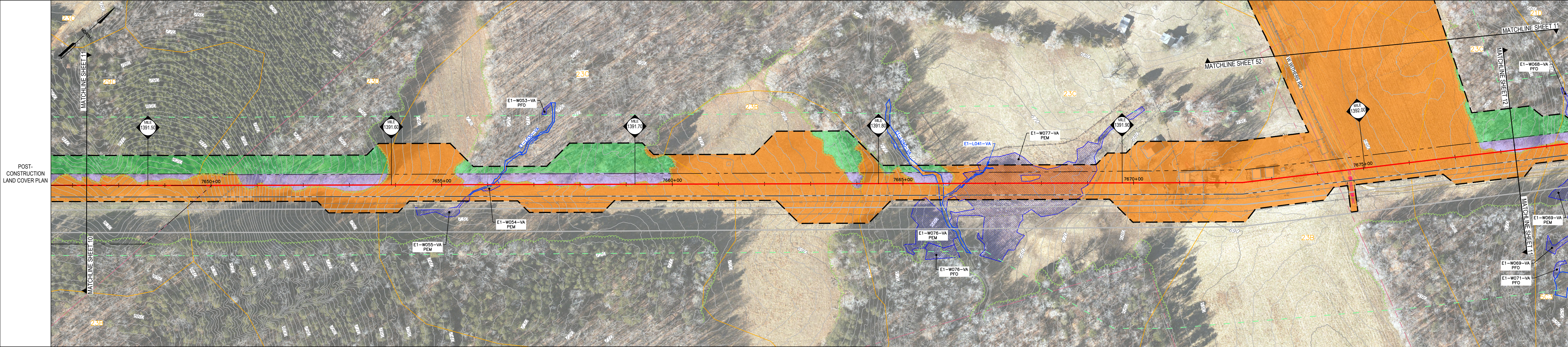


SOIL TYPE	29C				23D			23C						23B			23C										23B			23C			5C3
AVERAGE % SLOPE	-7.8	10.5	-5.7		-24.8		-10.8			3.9	-1.7	-9.1	-1.6	-5.8		-13.0	-11.9	15.2	-1.0	-0.9		1.6	4.6	12.7	7.1	2.5	-0.5	-5.0		-15.2	-5.5		



LEGEND

PROPERTY LINE

LIMITS OF DISTURBANCE

EXISTING FENCE

EXISTING STRUCTURE

EXISTING EDGE OF ROAD

EXISTING GRADE MAJOR CONTOURS (10' C.I.)

EXISTING GRADE MINOR CONTOURS (2' C.I.)

ENVIRONMENTAL SURVEY CORRIDOR

DELINEATED WETLAND

DELINEATED STREAM

STREAM FLOW DIRECTION

FEMA FLOODWAY

FEMA 100-YEAR FLOODPLAIN

EXISTING TREELINE/TREE/SHRUB

EXISTING TGPL PIPELINES

EXISTING GUIDERAIL

EXISTING CULVERT

EXISTING WATERBAR

EXISTING ELECTRIC LINE

EXISTING UNDERGROUND ELECTRIC LINE

EXISTING GAS LINE

EXISTING WATER LINE

EXISTING SANITARY SEWER

EXISTING STORM SEWER

EXISTING TELEPHONE LINE

EXISTING FIBER OPTIC LINE

EXISTING UNDERGROUND CABLE LINE

EXISTING STORM INLET

EXISTING SANITARY MANHOLE

EXISTING COMMUNICATION/ELECTRIC MANHOLE

EXISTING FIRE HYDRANT

EXISTING UTILITY POLE

PROPOSED PIPELINE

PERMANENT RIGHT-OF-WAY

PERMANENT WATERBAR

MONITORING WELL

GROUND TESTING VALVE

PRIVATE WATER WELL

PRE-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS<sup>1</sup>

FOREST

POST-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS

FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)

FOREST TO MIXED OPEN CONVERSION

NOTE:

1. STORMWATER WAIVER AREAS ARE THOSE THAT WILL RETURN TO EXISTING CONDITIONS. SEE PCSM/WATER QUANTITY PLANS FOR SPECIFIC LAND COVER.

SOILS LEGEND

5C3 CLIFFORD SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED

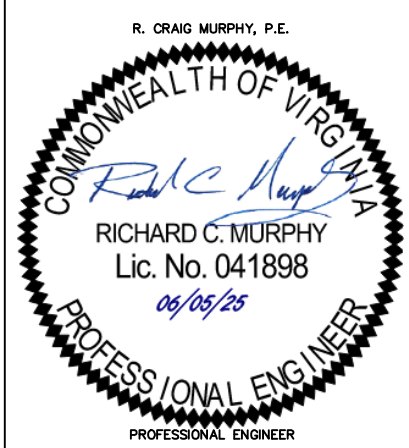
23B CLOVER FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES

23C CLOVER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES

23D CLOVER FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES

29C PINKSTON-CLOVER COMPLEX, 7 TO 15 PERCENT SLOPES, VERY STONY

SCALE 1" = 100'



REVISIONS					W.O. NO.	CHK.	APP.
NO.	DATE	BY	DESCRIPTION				

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

EDEN LOOP

WATER QUALITY LAND COVER

SITE PLAN

PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK

DATE: 5-30-25

ISSUED FOR BID:

SCALE: AS NOTED

CHECKED BY: JML

DATE: 5-30-25

ISSUED FOR CONSTRUCTION:

REVISION:

APPROVED BY: RCM

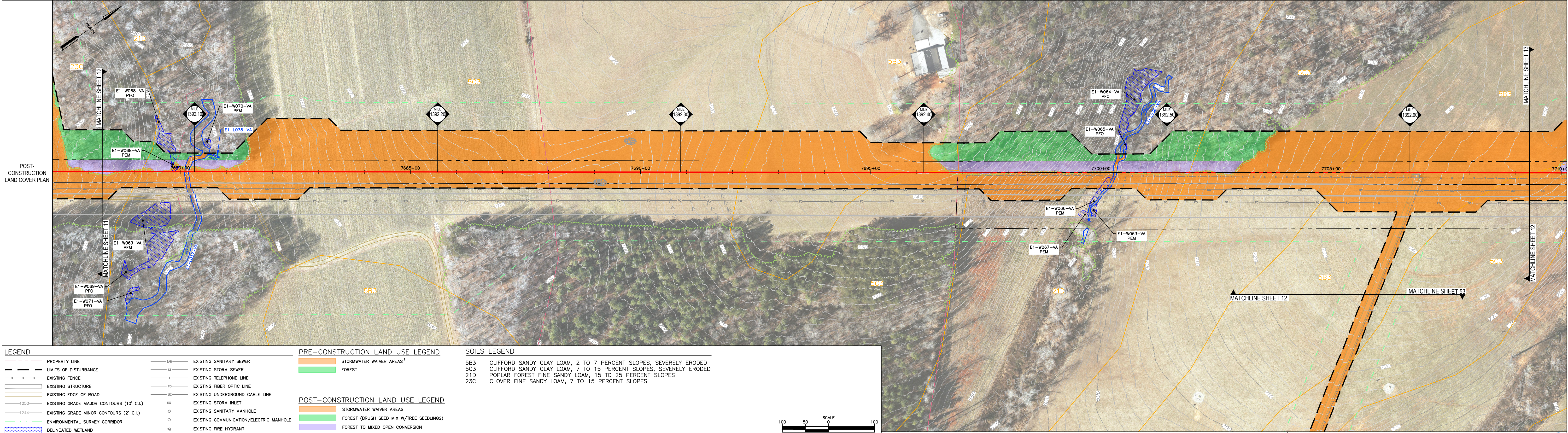
DATE: 5-30-25

DRAWING NUMBER: VA-EDEN-SQUAL-011

SHEET 11 OF 66



OWNERSHIP & TRACT NUMBER	SSE31-VA-PI-0046				SSE31-VA-PI-0047				SSE31-VA-PI-0046				SSE31-VA-PI-0048				SSE31-VA-PI-0049									
PROFILE (MIN. PIPE DEPTH)	4'																									
COVER TYPE	AGRICULTURAL		WETLAND	AGRICULTURAL	OPEN WATER	AGRICULTURAL				RESIDENTIAL				FOREST	OPEN LAND	OPEN WATER	AGRICULTURAL				COMMERCIAL/ INDUSTRIAL	AGRICULTURAL				
RECEIVING WATERS	TROTTERS CREEK-DAN RIVER																									
PRE-CONSTRUCTION LAND COVER PLAN																										
SOIL TYPE	23C		5C3								5B3		5C3	21D			5C3		5B3		5C3					
AVERAGE % SLOPE	-5.0	-15.2	-5.5	-10.1	7.5	8.9		4.6		-2.0	8.5		6.0		1.9	-3.0	-9.8	-20.5	-12.8	10.7	13.3		6.2		1.7	-6.4



**LEGEND**

- PROPERTY LINE
- LIMITS OF DISTURBANCE
- EXISTING FENCE
- EXISTING STRUCTURE
- EXISTING EDGE OF ROAD
- EXISTING GRADE MAJOR CONTOURS (10' C.I.)
- EXISTING GRADE MINOR CONTOURS (2' C.I.)
- ENVIRONMENTAL SURVEY CORRIDOR
- DELINEATED WETLAND
- DELINEATED STREAM
- STREAM FLOW DIRECTION
- FEMA FLOODWAY
- FEMA 100-YEAR FLOODPLAIN
- EXISTING TREELINE/TREE/SHRUB
- EXISTING TGPL PIPELINES
- EXISTING GUIDERAIL
- EXISTING CULVERT
- EXISTING WATERBAR
- EXISTING ELECTRIC LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING GAS LINE
- EXISTING WATER LINE

**PRE-CONSTRUCTION LAND USE LEGEND**

- STORMWATER WAIVER AREAS<sup>1</sup>
- FOREST

**POST-CONSTRUCTION LAND USE LEGEND**

- STORMWATER WAIVER AREAS
- FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)
- FOREST TO MIXED OPEN CONVERSION

**SOILS LEGEND**

- 5B3 CLIFFORD SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
- 5C3 CLIFFORD SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED
- 21D POPLAR FOREST FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES
- 23C CLOVER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES

**NOTE:**

1. STORMWATER WAIVER AREAS ARE THOSE THAT WILL RETURN TO EXISTING CONDITIONS. SEE PCSM/WATER QUANTITY PLANS FOR SPECIFIC LAND COVER.

100 50 0 50 100  
SCALE 1" = 100'

R. CRAIG MURPHY, P.E.

**COMMONWEALTH OF VIRGINIA**

**PROFESSIONAL ENGINEER**

RICHARD C. MURPHY  
Lic. No. 041898  
05/05/25

REVISIONS				W.O. NO.	CHK.	APP.
NO.	DATE	BY	DESCRIPTION			

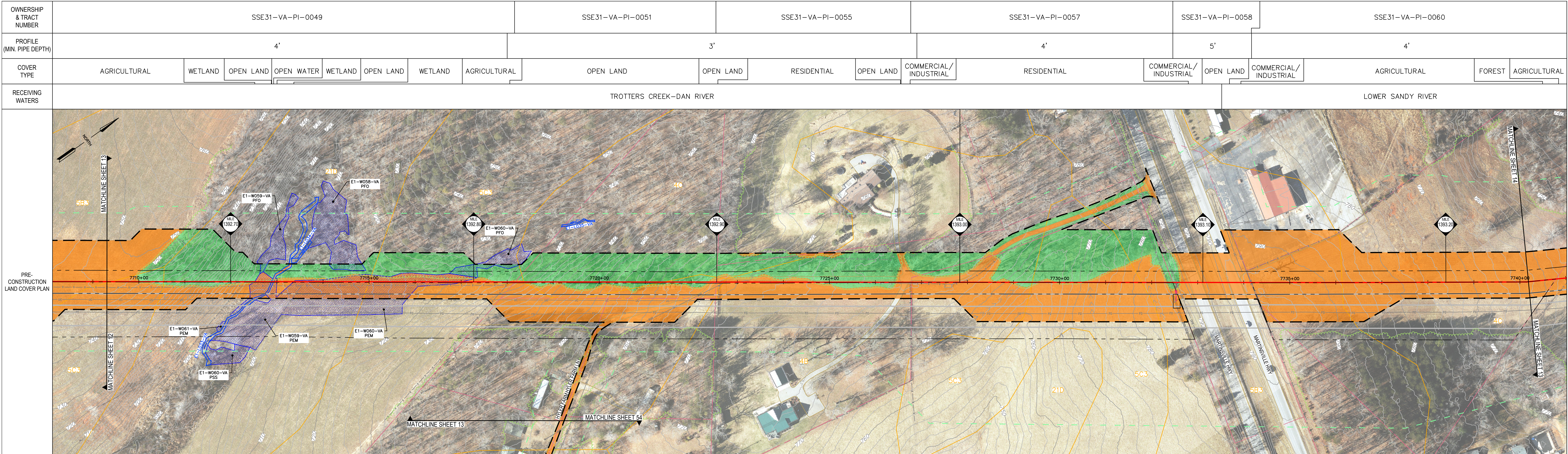
TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC  
SOUTHEAST SUPPLY ENHANCEMENT PROJECT  
EDEN LOOP  
WATER QUALITY LAND COVER

**SITE PLAN**

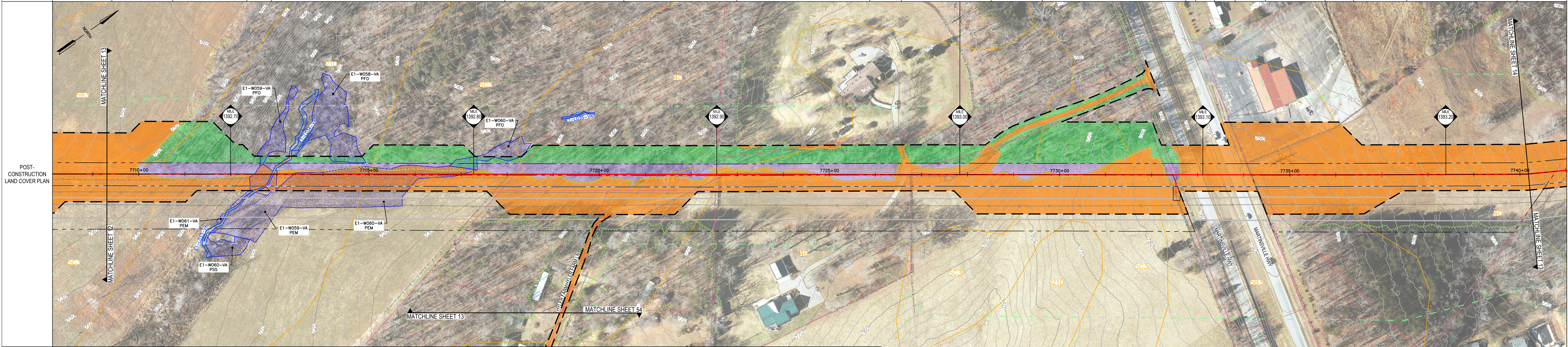
PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK	DATE: 5-30-25	ISSUED FOR BID:	SCALE: AS NOTED
CHECKED BY: JML	DATE: 5-30-25	ISSUED FOR CONSTRUCTION:	REVISION:
APPROVED BY: RCM	DATE: 5-30-25		
WO: C1009554	RID: 500	DRAWING NUMBER: VA-EDEN-SMQUAL-012	SHEET 12 OF 66





SOIL TYPE	5B3	5C3	21D			5C3		4C		5C3	4B				5C3	5B3				4C						
AVERAGE % SLOPE	1.7	-6.4	-22.7	-3.8	4.8		10.7		6.5		2.8		0.4	-3.1	-7.5	8.4		1.4	-1.5	4.9	2.1	-2.7	-6.6	-7.1	-5.9	



**LEGEND**

- PROPERTY LINE
- LIMITS OF DISTURBANCE
- EXISTING FENCE
- EXISTING STRUCTURE
- EXISTING EDGE OF ROAD
- EXISTING GRADE MAJOR CONTOURS (10' C.I.)
- EXISTING GRADE MINOR CONTOURS (2' C.I.)
- ENVIRONMENTAL SURVEY CORRIDOR
- DELINEATED WETLAND
- DELINEATED STREAM
- STREAM FLOW DIRECTION
- FEMA FLOODWAY
- FEMA 100-YEAR FLOODPLAIN
- EXISTING TREELINE/TREE/SHRUB
- EXISTING TGPL PIPELINES
- EXISTING GUIDERAIL
- EXISTING CULVERT
- EXISTING WATERBAR
- EXISTING ELECTRIC LINE
- EXISTING UNDERGROUND ELECTRIC LINE
- EXISTING GAS LINE
- EXISTING WATER LINE

**PRE-CONSTRUCTION LAND USE LEGEND**

- STORMWATER WAIVER AREAS<sup>1</sup>
- FOREST

**POST-CONSTRUCTION LAND USE LEGEND**

- STORMWATER WAIVER AREAS
- FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)
- FOREST TO MIXED OPEN CONVERSION

**SOILS LEGEND**

- 4B CLIFFORD SANDY LOAM, 2 TO 7 PERCENT SLOPES
- 4C CLIFFORD SANDY LOAM, 7 TO 15 PERCENT SLOPES
- 5B3 CLIFFORD SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED
- 5C3 CLIFFORD SANDY CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED
- 21D POPLAR FOREST FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES

**NOTE:**  
1. STORMWATER WAIVER AREAS ARE THOSE THAT WILL RETURN TO EXISTING CONDITIONS. SEE PCSM/WATER QUANTITY PLANS FOR SPECIFIC LAND COVER.

**LEGEND**

- EXISTING SANITARY SEWER
- EXISTING STORM SEWER
- EXISTING TELEPHONE LINE
- EXISTING FIBER OPTIC LINE
- EXISTING UNDERGROUND CABLE LINE
- EXISTING STORM INLET
- EXISTING SANITARY MANHOLE
- EXISTING COMMUNICATION/ELECTRIC MANHOLE
- EXISTING FIRE HYDRANT
- EXISTING UTILITY POLE
- PROPOSED PIPELINE
- PERMANENT RIGHT-OF-WAY
- PERMANENT WATERBAR
- MONITORING WELL
- GROUND TESTING VALVE
- PRIVATE WATER WELL

**SCALE**

1" = 100'

R. CRAIG MURPHY, P.E.

COMMONWEALTH OF VIRGINIA

RICHARD C. MURPHY

Lic. No. 041898

05/05/25

PROFESSIONAL ENGINEER

REVISIONS				W.O. NO.	CHK.	APP.
NO.	DATE	BY	DESCRIPTION			

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

EDEN LOOP

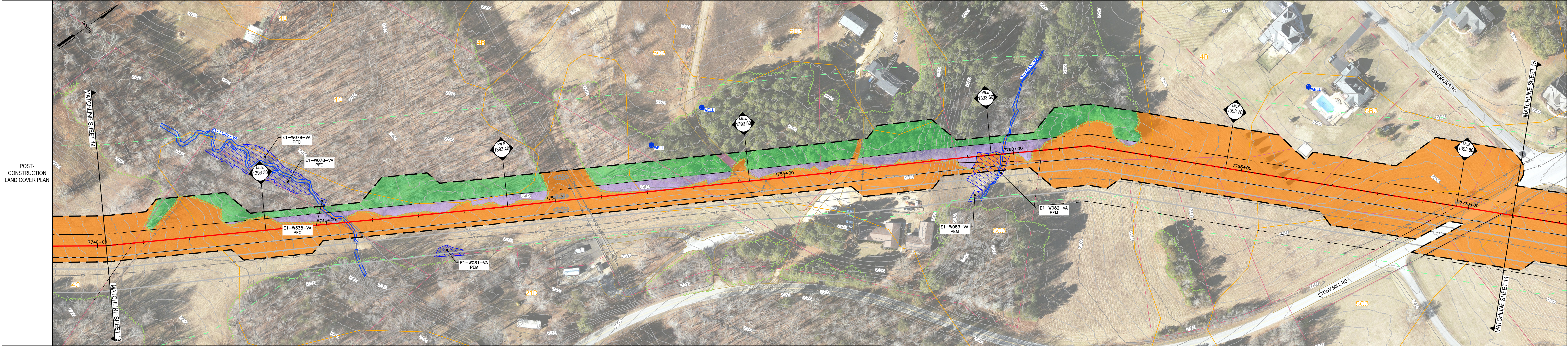
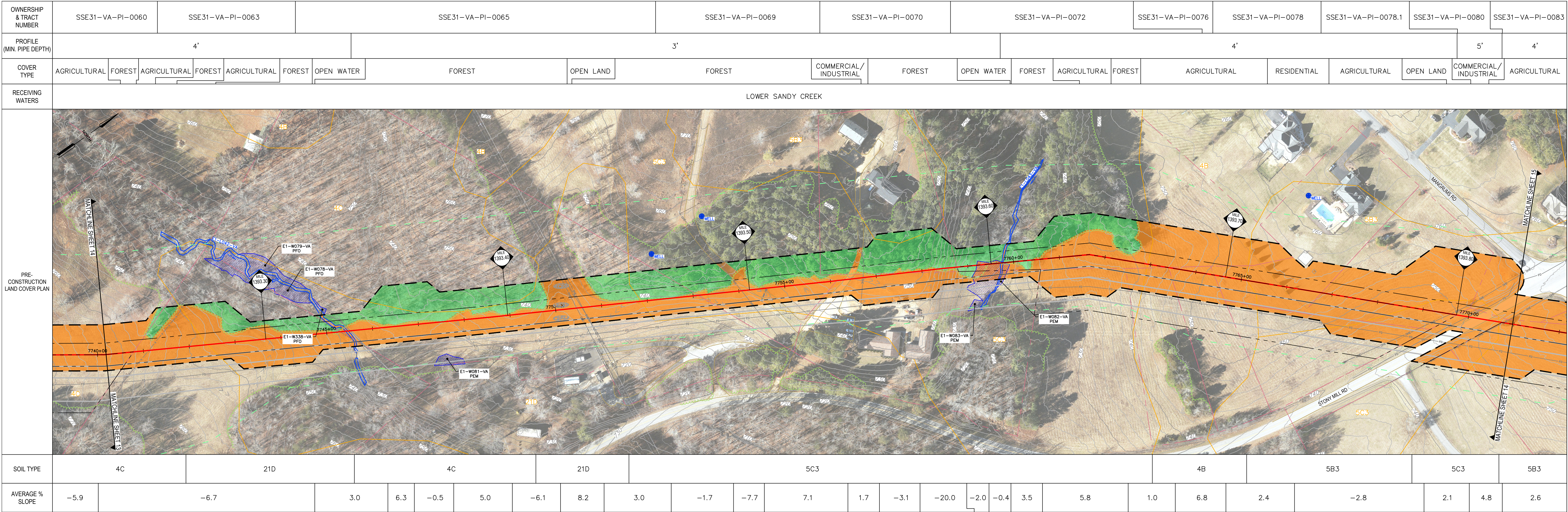
WATER QUALITY LAND COVER

**SITE PLAN**

PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK	DATE: 5-30-25	ISSUED FOR BID:	SCALE: AS NOTED
CHECKED BY: JML	DATE: 5-30-25	ISSUED FOR CONSTRUCTION:	REVISION:
APPROVED BY: RCM	DATE: 5-30-25		
WO: C1009554	RID: 500	DRAWING NUMBER: VA-EDEN-SMQUAL-013	SHEET 13 OF 66





LEGEND

PROPERTY LINE

LIMITS OF DISTURBANCE

EXISTING FENCE

EXISTING STRUCTURE

EXISTING EDGE OF ROAD

EXISTING GRADE MAJOR CONTOURS (10' C.I.)

EXISTING GRADE MINOR CONTOURS (2' C.I.)

ENVIRONMENTAL SURVEY CORRIDOR

DELINEATED WETLAND

DELINEATED STREAM

STREAM FLOW DIRECTION

FEMA FLOODWAY

FEMA 100-YEAR FLOODPLAIN

EXISTING TREELINE/TREE/SHRUB

EXISTING TGPL PIPELINES

EXISTING GUIDERAIL

EXISTING CULVERT

EXISTING WATERBAR

EXISTING ELECTRIC LINE

EXISTING UNDERGROUND ELECTRIC LINE

EXISTING GAS LINE

EXISTING WATER LINE

EXISTING SANITARY SEWER

EXISTING TELEPHONE LINE

EXISTING FIBER OPTIC LINE

EXISTING UNDERGROUND CABLE LINE

EXISTING STORM INLET

EXISTING SANITARY MANHOLE

EXISTING COMMUNICATION/ELECTRIC MANHOLE

EXISTING FIRE HYDRANT

EXISTING UTILITY POLE

PROPOSED PIPELINE

PERMANENT RIGHT-OF-WAY

PERMANENT WATERBAR

MONITORING WELL

GROUND TESTING VALVE

PRIVATE WATER WELL

PRE-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS<sup>1</sup>

FOREST

POST-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS

FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)

FOREST TO MIXED OPEN CONVERSION

NOTE:

1. STORMWATER WAIVER AREAS ARE THOSE THAT WILL RETURN TO EXISTING CONDITIONS. SEE PCSM/WATER QUANTITY PLANS FOR SPECIFIC LAND COVER.

SCALE 1" = 100'

100 50 0 50 100

R. CRAIG MURPHY, P.E.

COMMONWEALTH OF VIRGINIA

RICHARD C. MURPHY

Lic. No. 041898

06/05/25

PROFESSIONAL ENGINEER

REVISIONS

NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

EDEN LOOP

WATER QUALITY LAND COVER

SITE PLAN

PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK

CHECKED BY: JML

APPROVED BY: RCM

W.O. C1009554

DATE: 5-30-25

DATE: 5-30-25

DATE: 5-30-25

RID: 500

ISSUED FOR BID:

ISSUED FOR CONSTRUCTION:

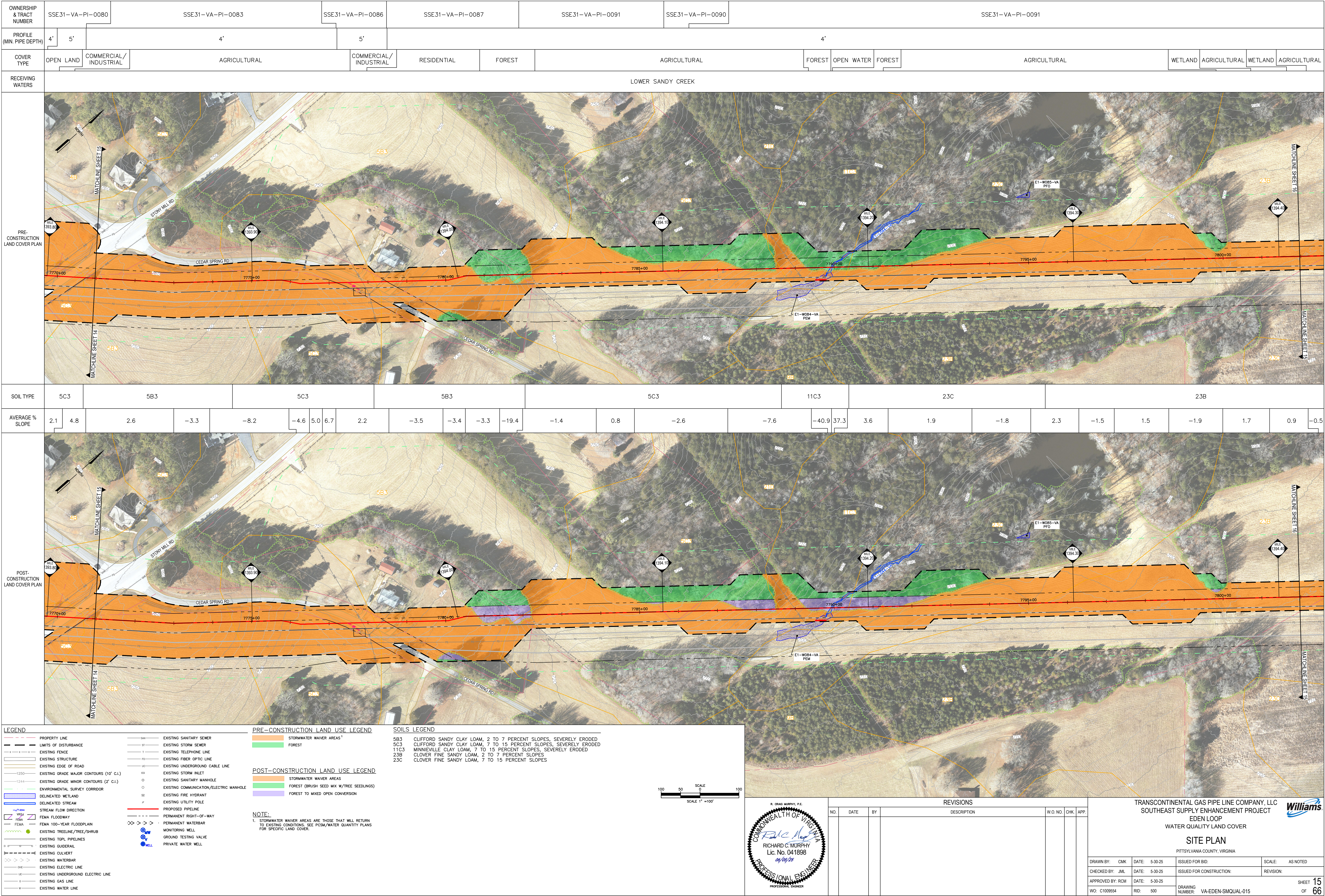
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SCALE: AS NOTED

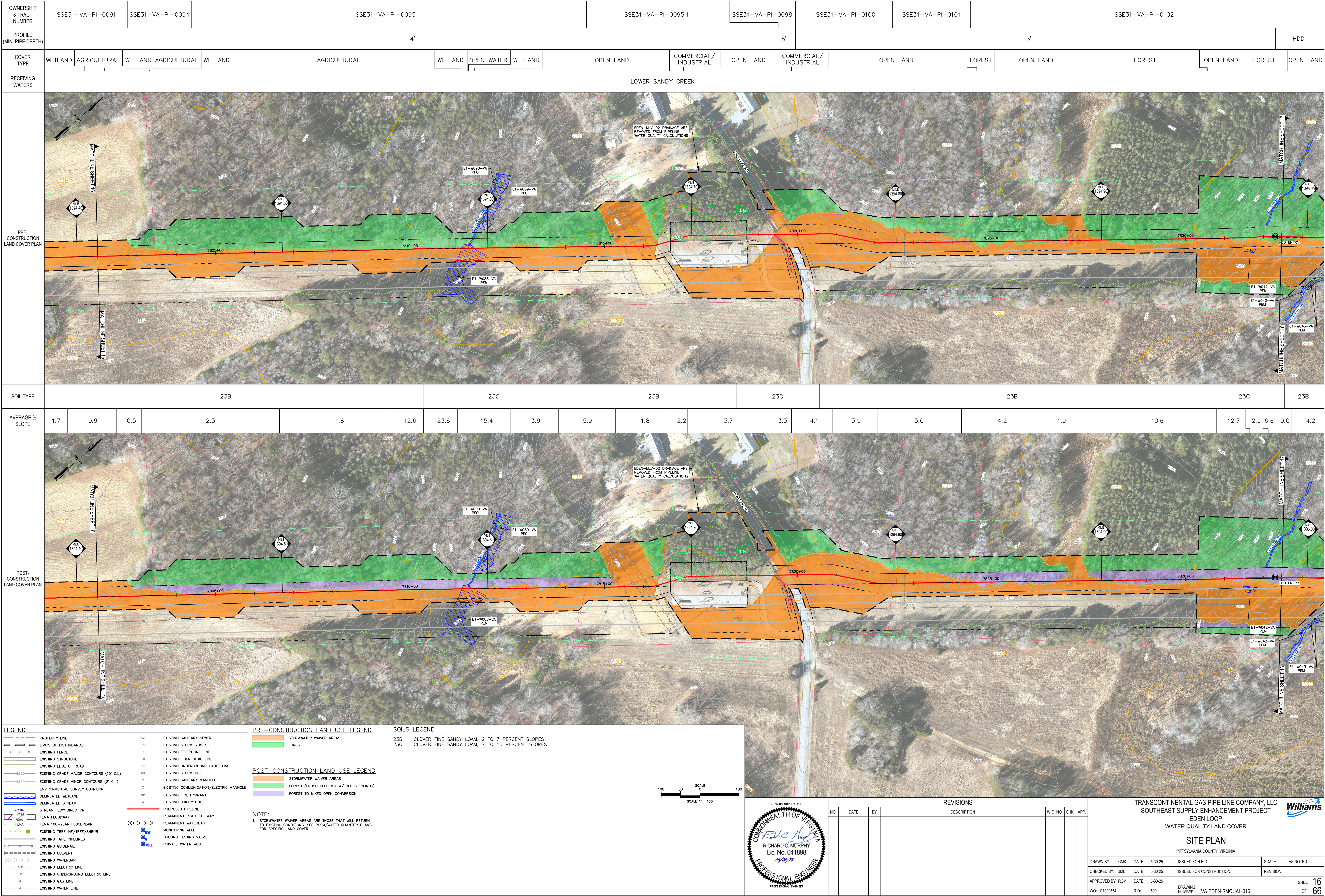
REVISION:

SHEET 14 OF 66

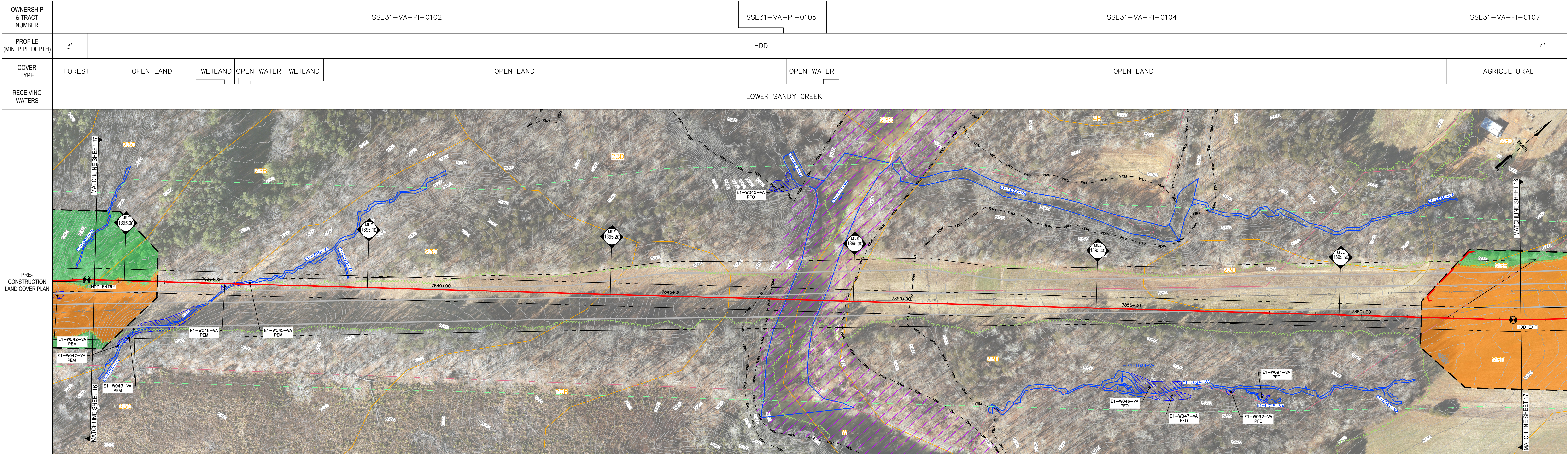




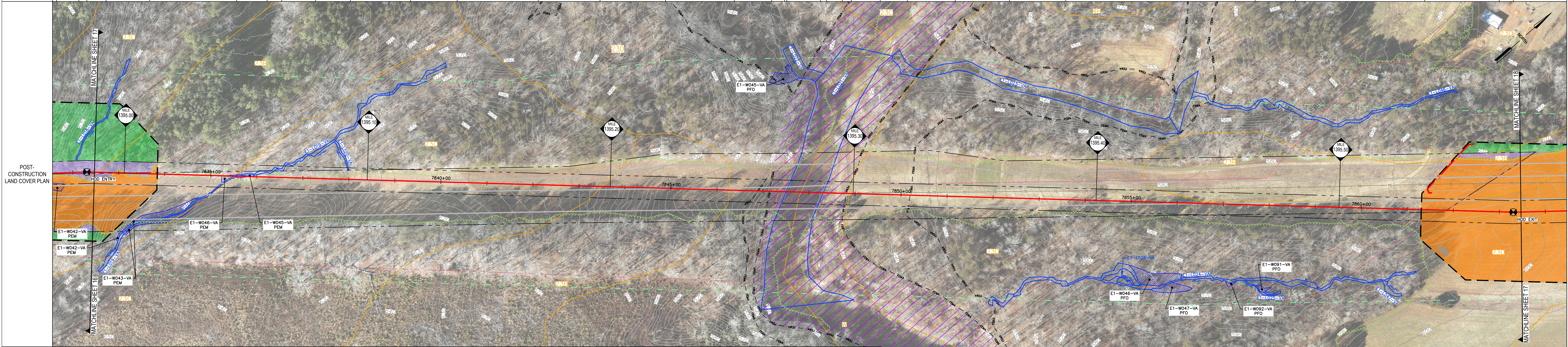








SOIL TYPE	23C			23B			23C								23B		23D		W	23D															
AVERAGE % SLOPE	-12.7	-2.9	6.6	10.0	-4.2	-16.9		-1.5	3.3	8.1	-11.1	12.0	-3.1	-5.3	-6.4	-16.9	-9.3	-20.1	-13.9	-98.9	0.0	51.5	7.9	-4.2	-2.6	6.1	11.6	5.1	13.2	3.1	-0.7	4.4	-2.7	6.4	6.4



LEGEND

PROPERTY LINE

LIMITS OF DISTURBANCE

EXISTING FENCE

EXISTING STRUCTURE

EXISTING EDGE OF ROAD

EXISTING GRADE MAJOR CONTOURS (10' C.I.)

EXISTING GRADE MINOR CONTOURS (2' C.I.)

ENVIRONMENTAL SURVEY CORRIDOR

DELINEATED WETLAND

DELINEATED STREAM

STREAM FLOW DIRECTION

FEMA FLOODWAY

FEMA 100-YEAR FLOODPLAIN

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EXISTING CULVERT

EXISTING WATERBAR

EXISTING ELECTRIC LINE

EXISTING UNDERGROUND ELECTRIC LINE

EXISTING GAS LINE

EXISTING WATER LINE

EXISTING SANITARY SEWER

EXISTING STORM SEWER

EXISTING TELEPHONE LINE

EXISTING FIBER OPTIC LINE

EXISTING UNDERGROUND CABLE LINE

EXISTING STORM INLET

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EXISTING UTILITY POLE

PROPOSED PIPELINE

PERMANENT RIGHT-OF-WAY

PERMANENT WATERBAR

MONITORING WELL

GROUND TESTING VALVE

PRIVATE WATER WELL

PRE-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS<sup>1</sup>

FOREST

POST-CONSTRUCTION LAND USE LEGEND

STORMWATER WAIVER AREAS

FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)

FOREST TO MIXED OPEN CONVERSION

NOTE:

1. STORMWATER WAIVER AREAS ARE THOSE THAT WILL RETURN TO EXISTING CONDITIONS. SEE PCSM/WATER QUANTITY PLANS FOR SPECIFIC LAND COVER.

SOILS LEGEND

23B

23C

23D

W

CLOVER FINE SANDY LOAM, 2 TO 7 PERCENT SLOPES

CLOVER FINE SANDY LOAM, 7 TO 15 PERCENT SLOPES

CLOVER FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES

WATER

100 50 0 50 100

SCALE 1" = 100'

R. CRAIG MURPHY, P.E.

COMMONWEALTH OF VIRGINIA

RICHARD C. MURPHY

Lic. No. 041898

06/05/25

PROFESSIONAL ENGINEER

REVISIONS

NO.	DATE	BY	DESCRIPTION	W.O. NO.	CHK.	APP.

TRANSCONTINENTAL GAS PIPE LINE COMPANY, LLC

SOUTHEAST SUPPLY ENHANCEMENT PROJECT

EDEN LOOP

WATER QUALITY LAND COVER

SITE PLAN

PITTSYLVANIA COUNTY, VIRGINIA

DRAWN BY: CMK

DATE: 5-30-25

ISSUED FOR BID:

SCALE: AS NOTED

CHECKED BY: JML

DATE: 5-30-25

ISSUED FOR CONSTRUCTION:

REVISION:

APPROVED BY: RCM

DATE: 5-30-25

DRAWING NUMBER: VA-EDEN-SMQUAL-017

SHEET 17 OF 66



