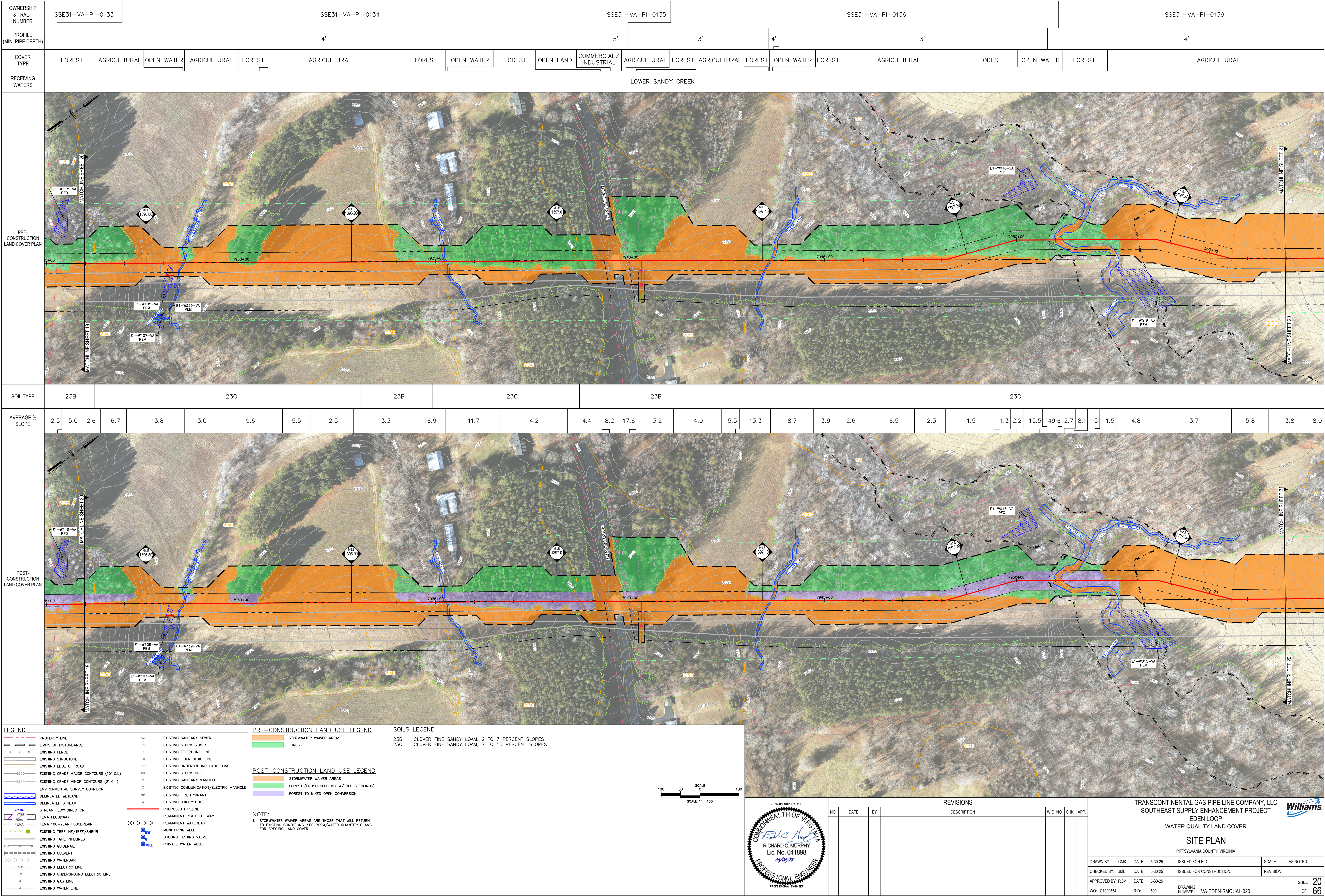
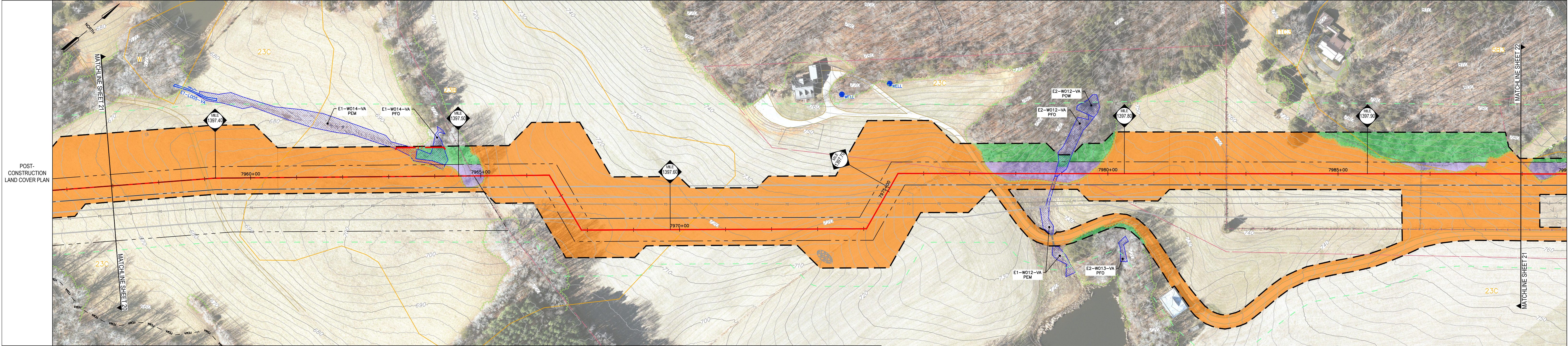




OWNERSHIP & TRACT NUMBER	SSE31—VA—PI—0139										SSE31—VA—PI—0140										SSE31—VA—PI—0140.1										SSE31—VA—PI—0141										SSE31—VA—PI—0141.1									
PROFILE (MIN. PIPE DEPTH)	4'										11'		4'										11'		4'																									
COVER TYPE	AGRICULTURAL										FOREST		AGRICULTURAL										COMMERCIAL/ INDUSTRIAL		FOREST		WETLAND		FOREST		AGRICULTURAL										FOREST		AGRICULTURAL		FOREST		AGRICULTURAL			
RECEIVING WATERS	LOWER SANDY CREEK																																																	
PRE-CONSTRUCTION LAND COVER PLAN																																																		
SOIL TYPE	23C					23B										23C															5B3		23C																	
AVERAGE % SLOPE	5.8	3.8	8.0	3.9	0.9	4.4	-0.1	20.1	6.8	4.5	-2.0	-6.1	3.1	8.2	2.9	-3.8	4.2	8.0	12.7	-3.5	7.2	4.0	-4.4	-8.3	-0.1	5.4	-3.3	7.0	3.3	1.9	3.8	-3.0																		



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 AREAS¹
- 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 LOAM, 2 TO 7 PERCENT SLOPES
- 23B CLOVER FINE SANDY LOAM, 2 TO 7 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.

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'

100 50 0 50 100

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

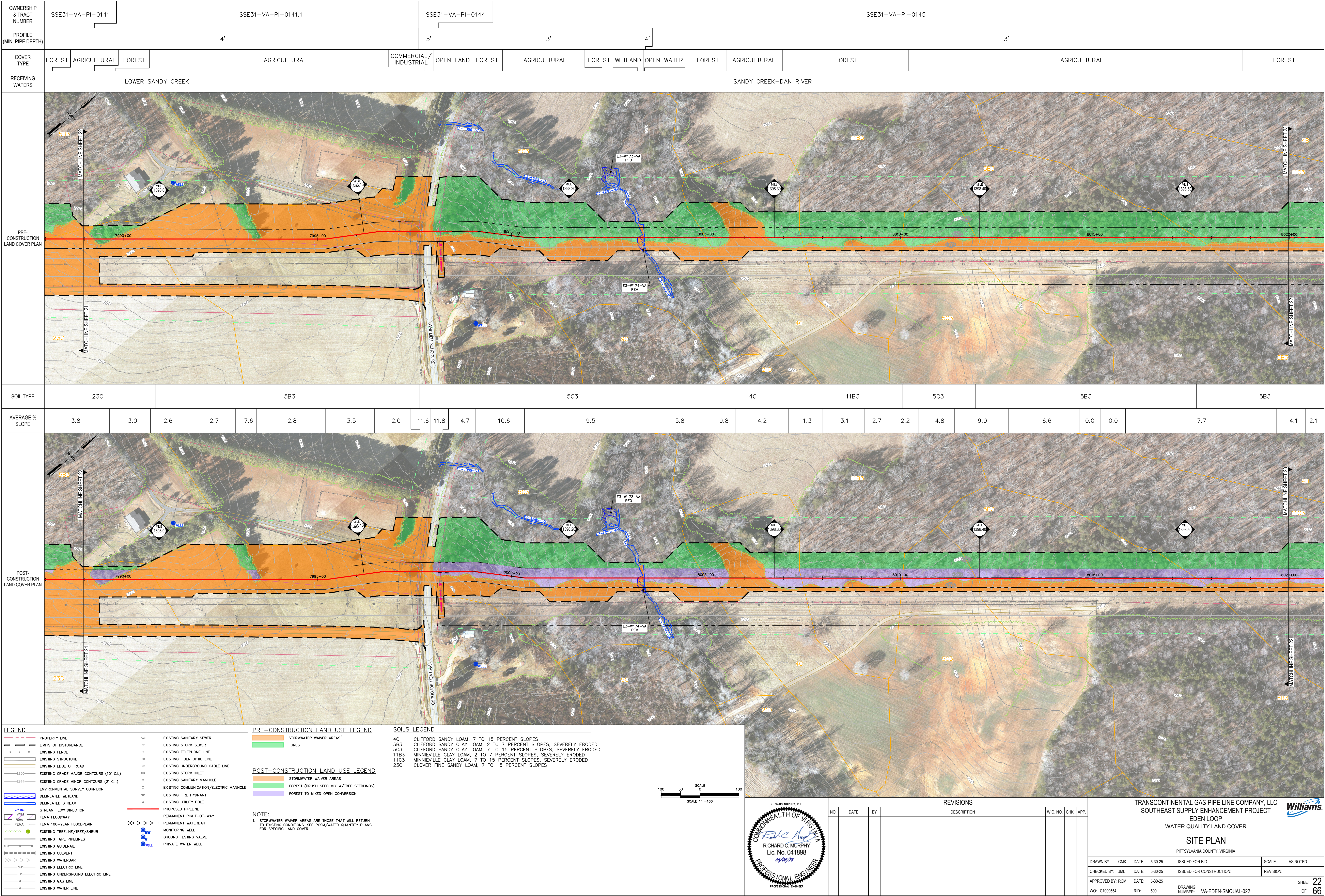
EDEN LOOP

WATER QUALITY LAND COVER

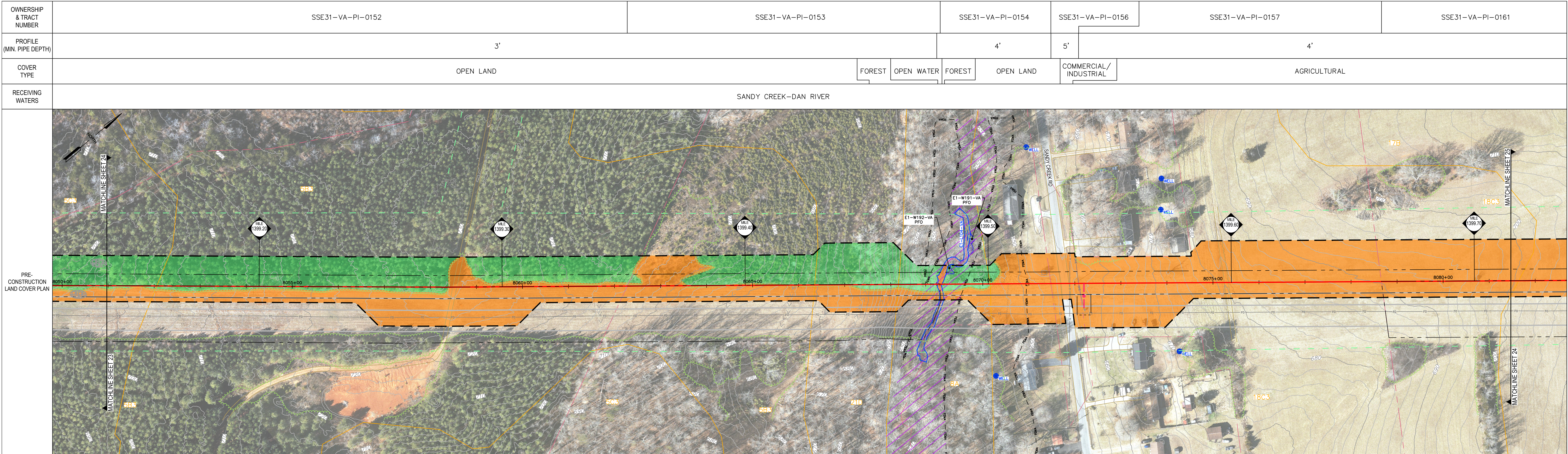
SITE PLAN

PITTSYLVANIA COUNTY, VIRGINIA

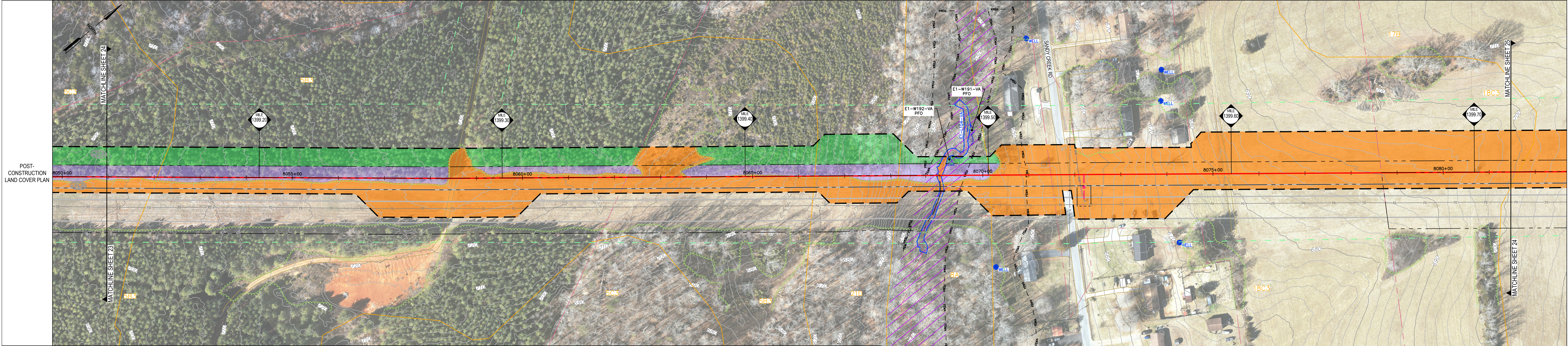
DRAWN BY: CMK	DATE: 5-30-25	ISSUED FOR BID:	SCALE: AS NOTED
CHECKED BY: JML	DATE: 5-30-25	ISSUED FOR CONSTRUCTION:	REVISION:
APPROVED BY: RCM	DATE: 5-30-25		
WO: C1009554	RID: 500	DRAWING NUMBER: VA-EDEN-SMQUAL-021	SHEET 21 OF 66







AVERAGE % SLOPE	-5.3	5.1	2.7	-0.8	0.5	-3.4	-3.0	-5.3	-8.6	-23.9	12.6	0.0	5.1	8.1	3.7	1.9	4.8
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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

— — — — —

STORMWATER WAIVER AREAS¹

— — — — —

FOREST

— — — — —

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

8A

CODORUS-COMUS COMPLEX, 0 TO 2 PERCENT SLOPES, FREQUENTLY FLOODED

17B

YADKIN LOAM, 2 TO 7 PERCENT SLOPES

18C3

YADKIN CLAY LOAM, 7 TO 15 PERCENT SLOPES, SEVERELY ERODED

21D

POPLAR FLOODED 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.

SCALE 1" = 100'

SCALE 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

DATE: 5-30-25

ISSUED FOR BID:

SCALE: AS NOTED

CHECKED BY: JML

DATE: 5-30-25

ISSUED FOR CONSTRUCTION:

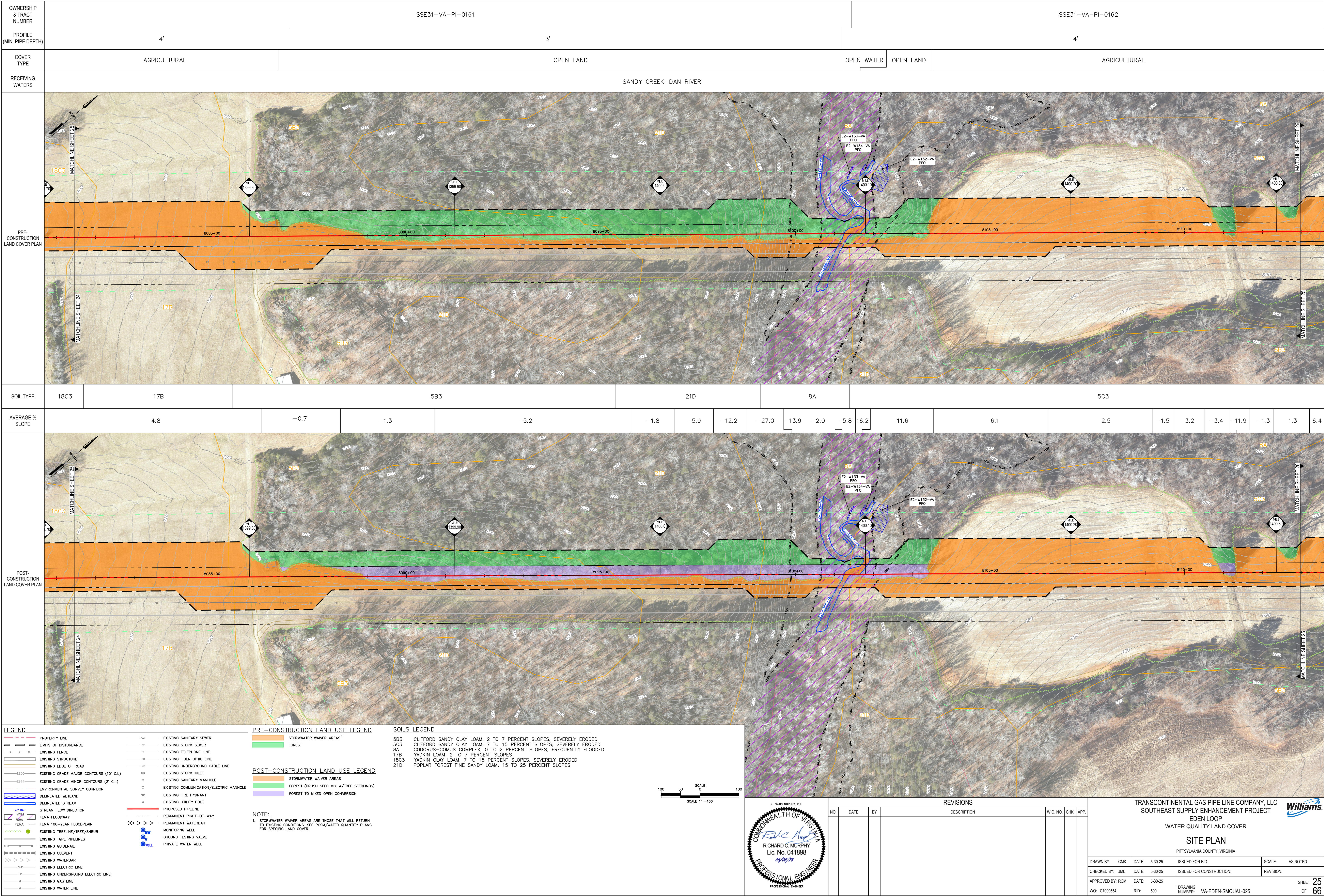
REVISION:

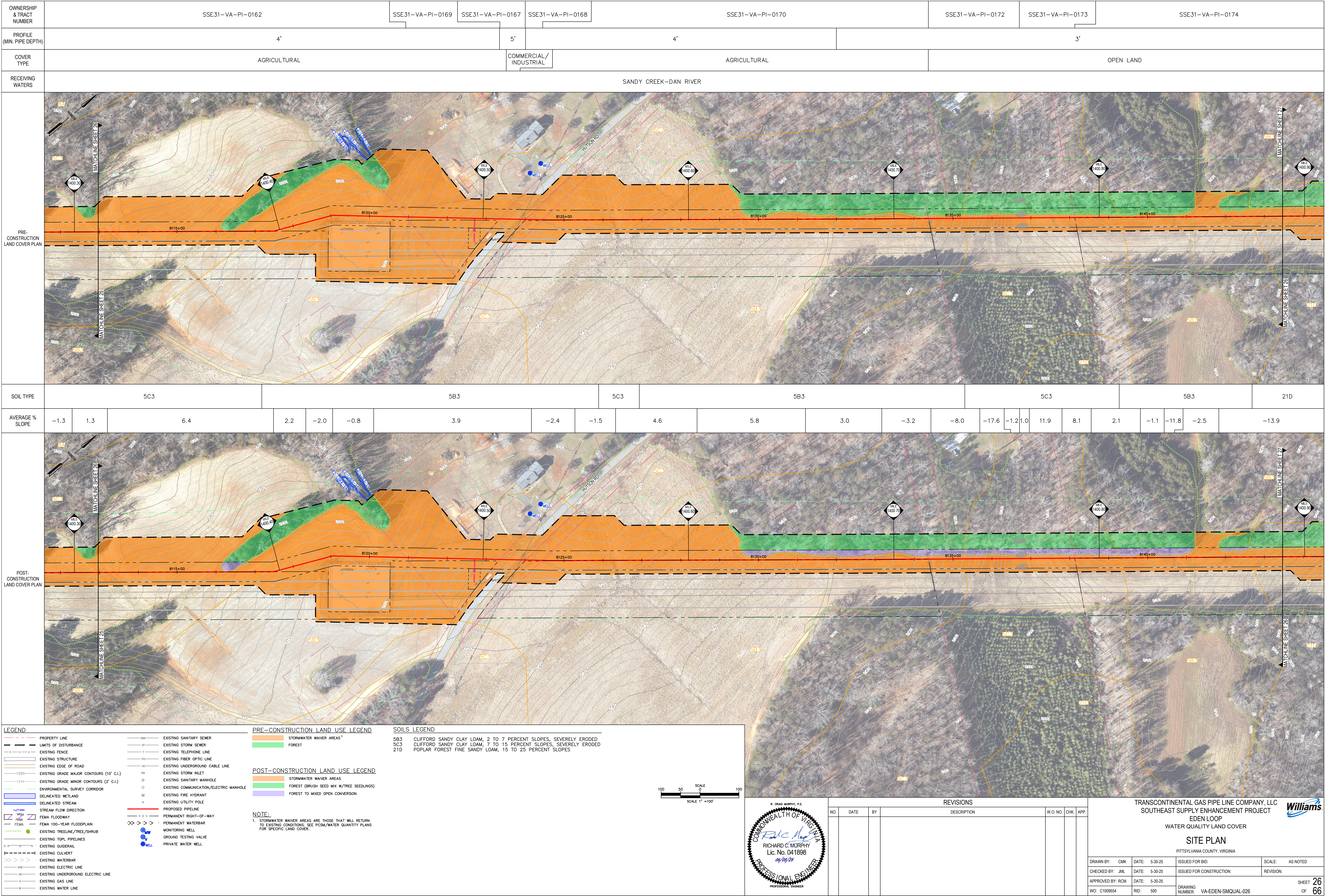
APPROVED BY: RCM

DATE: 5-30-25

DRAWING NUMBER: VA-EDEN-SMQUAL-024

SHEET 24 OF 66





OWNERSHIP & TRACT NUMBER

PROFILE (MIN. PIPE DEPTH)

COVER TYPE

RECEIVING WATERS

SSE31-VA-PI-0174

3'4'3'4'

OPEN LANDWETLANDOPEN WATER

OPEN LANDWETLANDOPEN WATER

SANDY CREEK-DAN RIVER

SSE31-VA-PI-0176

4'3'

WETLANDOPEN WATER

SSE31-VA-PI-0177

3'

OPEN LAND

PRE-CONSTRUCTION LAND COVER PLAN

SOIL TYPE

AVERAGE % SLOPE

5B321D5C35B321D4B21D4B

-13.9	-4.9	4.0	13.4	6.3	3.4	5.2	2.9	-2.9	-11.3	-21.0	-7.6	4.7	14.1	8.5	5.7	2.6	-2.7	-8.1	-2.3	-7.4	11.0	5.3
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POST-CONSTRUCTION LAND COVER PLAN

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

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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

STORMWATER WAIVER AREAS¹

FOREST

STORMWATER WAIVER AREAS

FOREST (BRUSH SEED MIX W/TREE SEEDLINGS)

FOREST TO MIXED OPEN CONVERSION

NOTE:

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SOILS LEGEND

4B

4C

5B3

5C3

21D

CLIFFORD SANDY LOAM, 2 TO 7 PERCENT SLOPES

CLIFFORD SANDY LOAM, 7 TO 15 PERCENT SLOPES

CLIFFORD SANDY CLAY LOAM, 2 TO 7 PERCENT SLOPES, SEVERELY ERODED

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

POPLAR FOREST FINE SANDY LOAM, 15 TO 25 PERCENT SLOPES

SCALE 1" = 100'

100500SCALE0100

R. CRAIG MURPHY, P.E.

COMMONWEALTH OF VIRGINIA

RICHARD C. MURPHY

Lic. No. 041898

09/09/20

PROFESSIONAL ENGINEER

PROFESSIONAL DESIGNER

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		
WO: C1009554	RID: 500	DRAWING NUMBER: VA-EDEN-SMQUAL-027	

SHEET 27

OF 66

