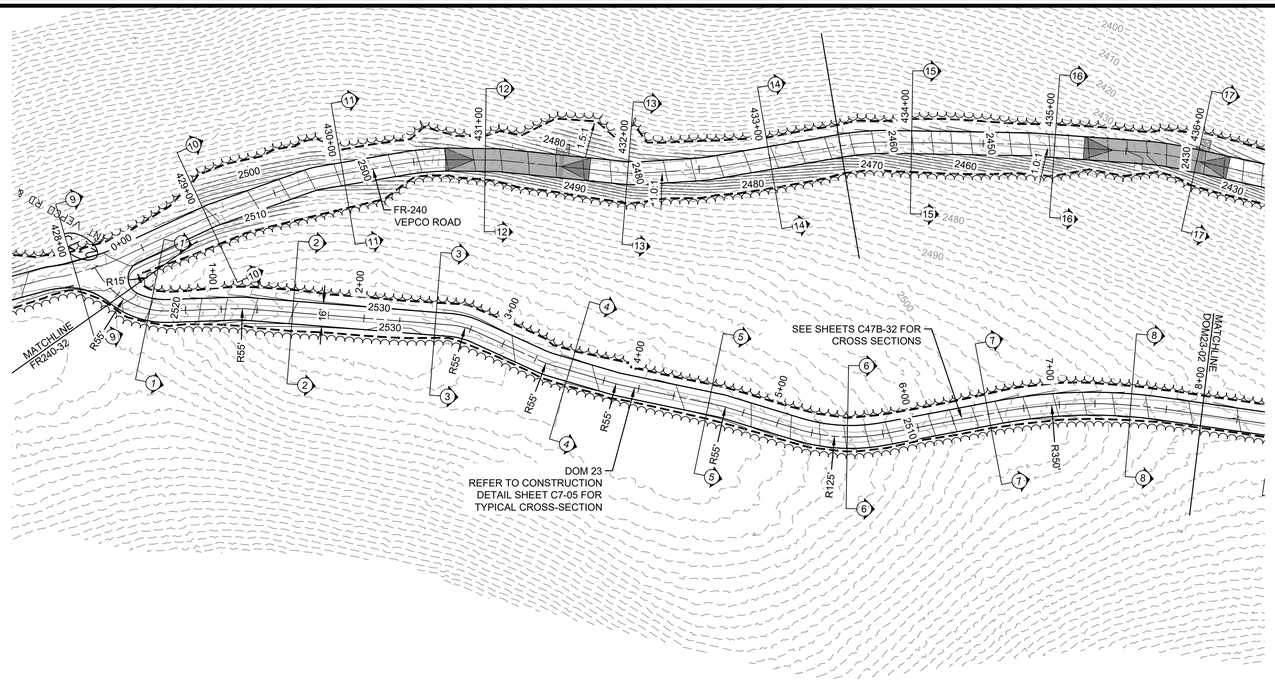
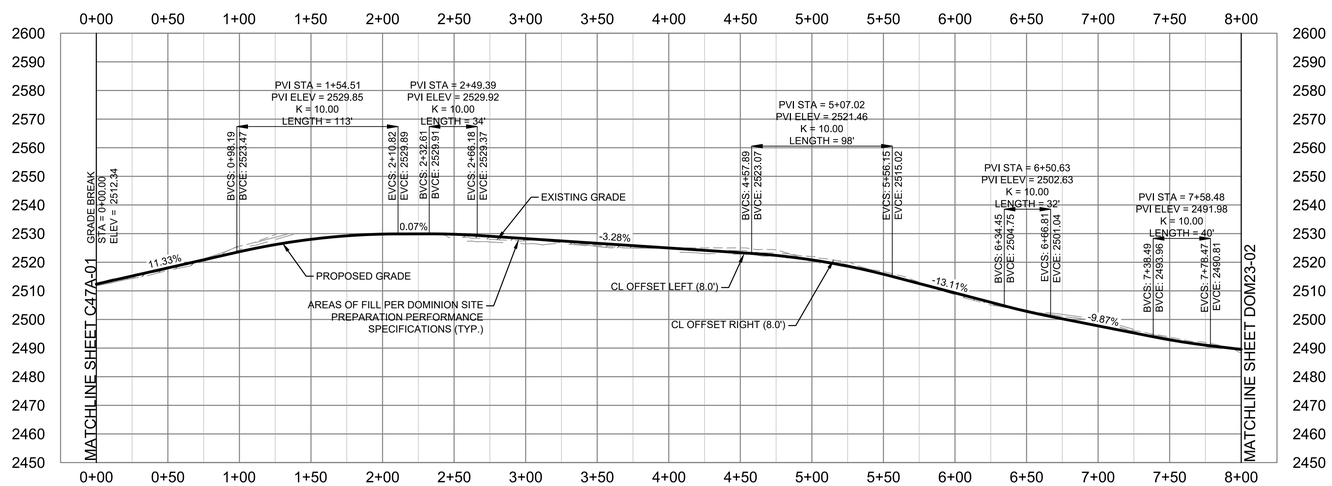


INSTALLATION PLAN NOTES

1. PLAN SHOWN HERE REPRESENTS "INSTALLATION PLAN" FOR CONSTRUCTION. SEE SHEET DOM23-R1 FOR "RESTORATION PLAN."
2. SEE CROSS SECTION SHEET DOM23-03 FOR CORRESPONDING CROSS SECTIONS AND EARTHWORK CALCULATIONS.
3. THE FREQUENCY OF CROSS SECTION SAMPLES VARIES BETWEEN 100FT AND 50FT SPACING; FREQUENCY IS INCREASED DEPENDING ON THE AMOUNT OF PROPOSED EARTHWORK AT EACH LOCATION.
4. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
5. PROPOSED GRADING IS DESIGNED WITH 1:1 CUT SLOPES AND 1.5:1 FILL SLOPES UNLESS OTHERWISE NOTED.
6. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16 FT WIDTH.



Dewberry

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804.290.7928 (FAX)

TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

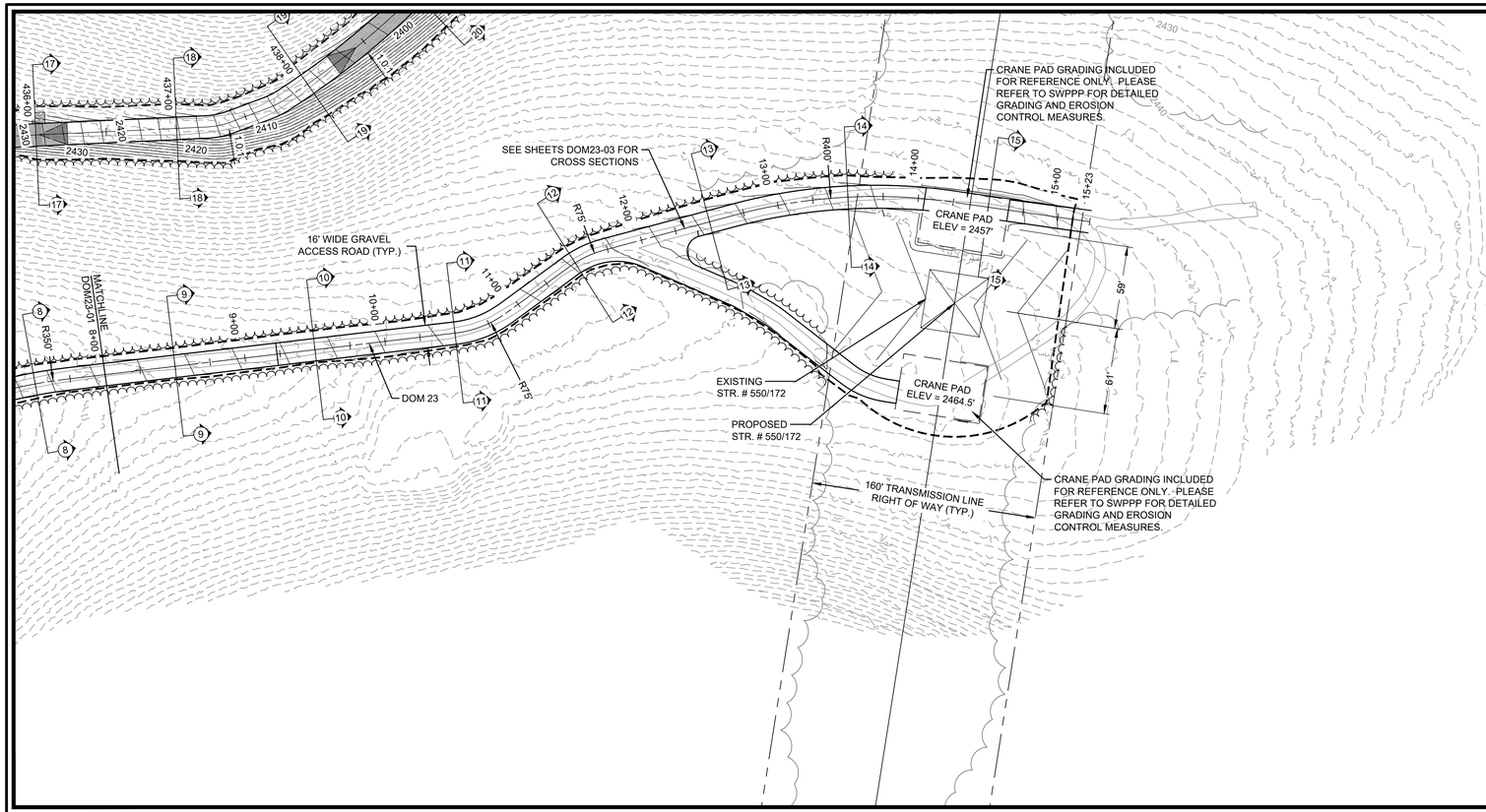
TITLE

DOM 23
PLAN & PROFILE

PROJECT NO. 50106442

DOM23-01

SHEET NO.



INSTALLATION PLAN NOTES

1. PLAN SHOWN HERE REPRESENTS "INSTALLATION PLAN" FOR CONSTRUCTION. SEE SHEET DOM23-R2 FOR "RESTORATION PLAN."
2. SEE CROSS SECTION SHEETS DOM23-03 FOR CORRESPONDING CROSS SECTIONS AND EARTHWORK CALCULATIONS.
3. THE FREQUENCY OF CROSS SECTION SAMPLES VARIES BETWEEN 100FT AND 50FT SPACING; FREQUENCY IS INCREASED DEPENDING ON THE AMOUNT OF PROPOSED EARTHWORK AT EACH LOCATION.
4. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
5. PROPOSED GRADING IS DESIGNED WITH 1:1 CUT SLOPES AND 1.5:1 FILL SLOPES UNLESS OTHERWISE NOTED.
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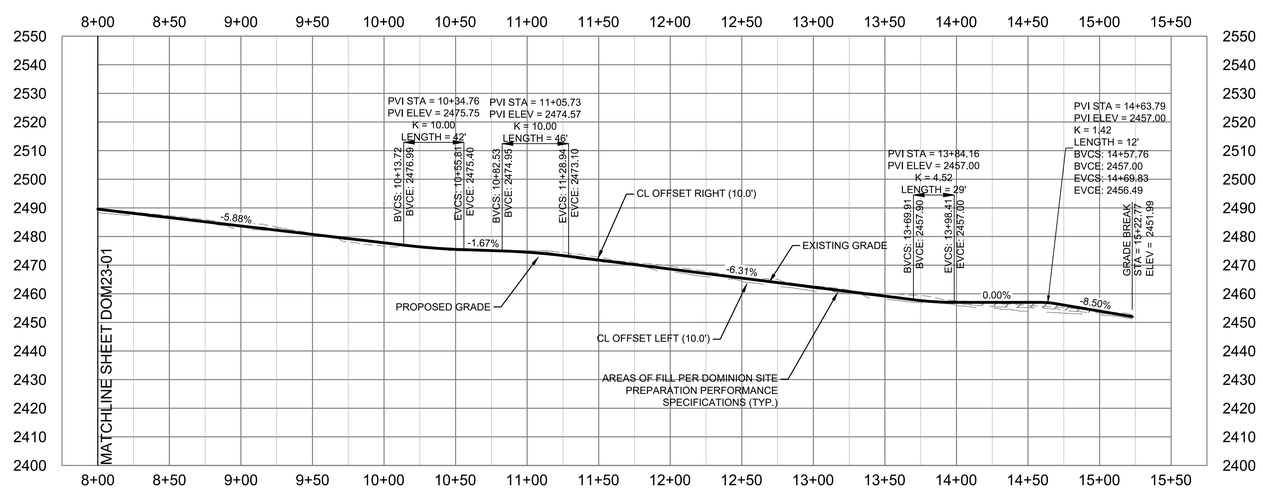

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CONSTRUCTION DOCUMENTS
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SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

TITLE

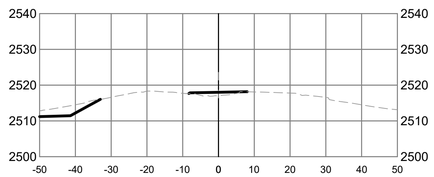
DOM 23
PLAN & PROFILE

PROJECT NO. 50106442

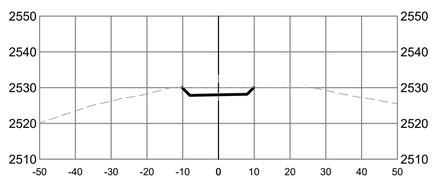
DOM23-02

SHEET NO.

DOM 23 #1, STATION 0+50



DOM 23 #2, STATION 1+50



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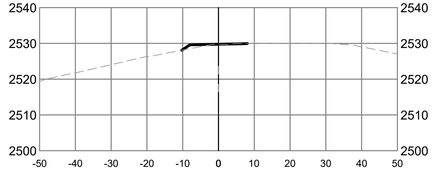

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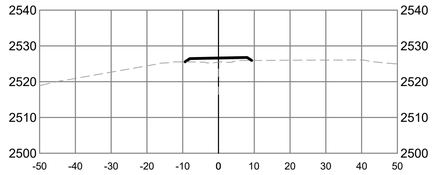

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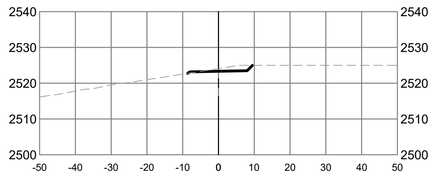

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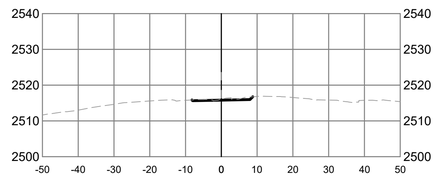
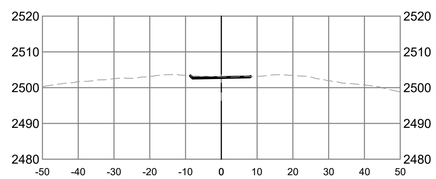


DOM 23 #7, STATION 6+50



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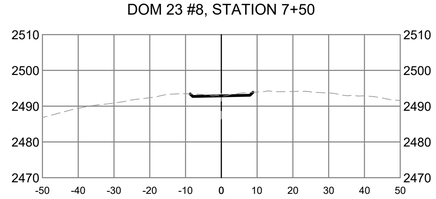
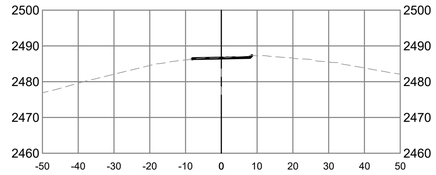


DOM 23 #9, STATION 8+50



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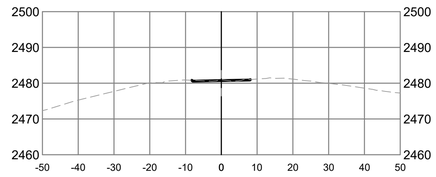
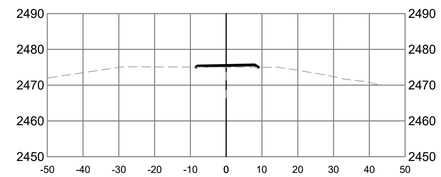
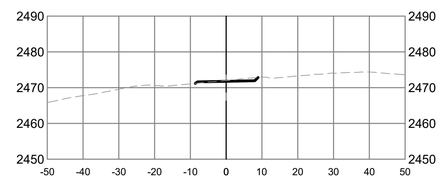


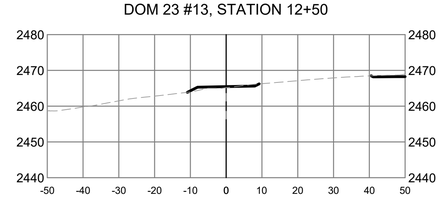
DOM 23 #11, STATION 10+50



DOM 23 #12, STATION 11+50



DOM 23 #13, STATION 12+50



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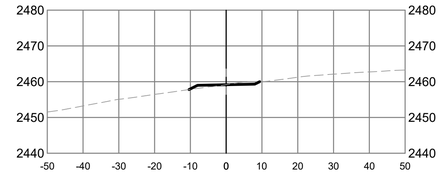
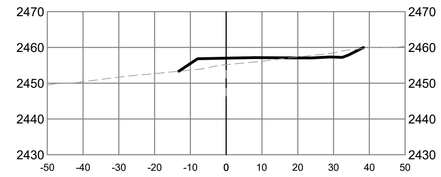


DOM 23 #15, STATION 14+50



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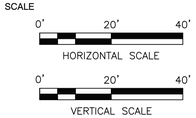
TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE



REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

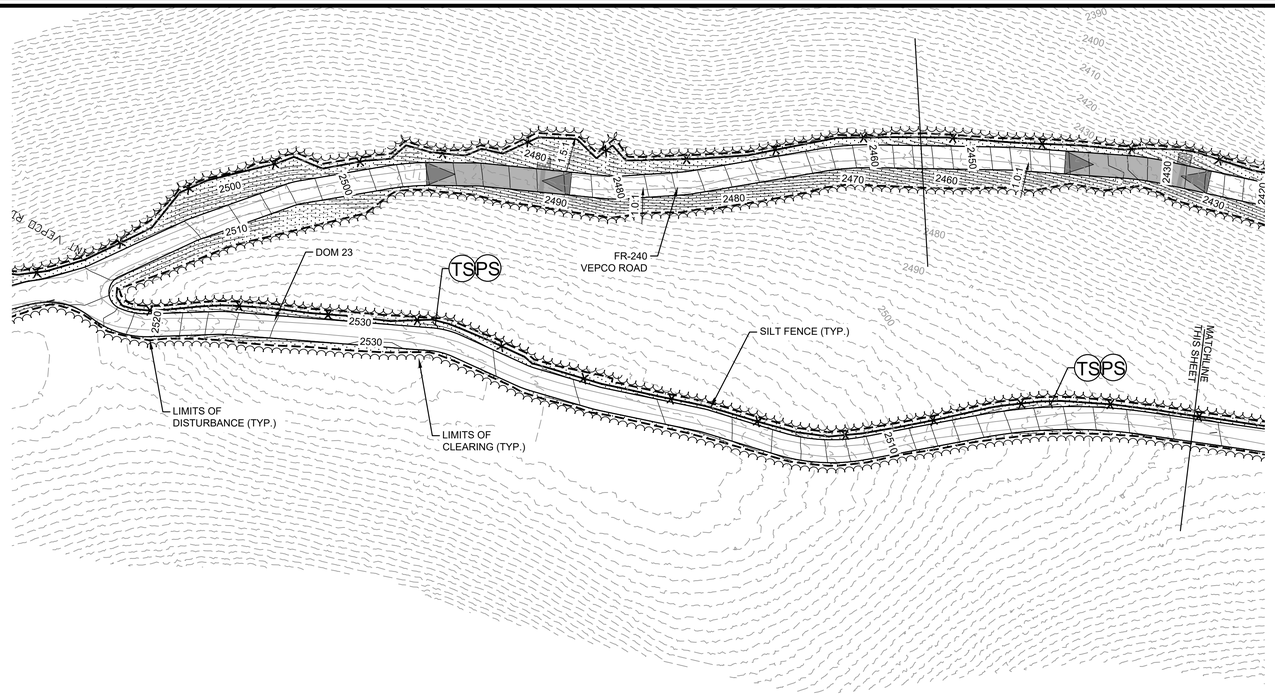
TITLE

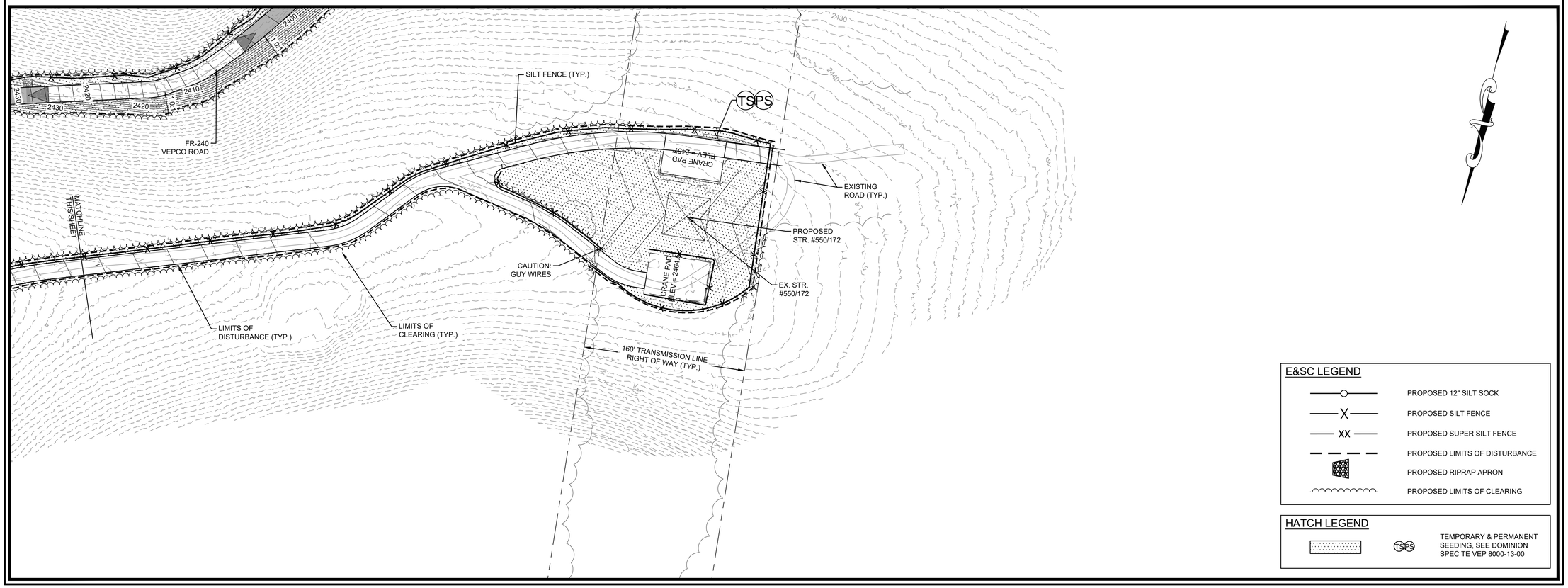
DOM 23
CROSS SECTIONS

PROJECT NO. 50106442

DOM23-03

SHEET NO.





E&SC LEGEND

- PROPOSED 12" SILT SOCK
- PROPOSED SILT FENCE
- PROPOSED SUPER SILT FENCE
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED RIPRAP APRON
- PROPOSED LIMITS OF CLEARING

HATCH LEGEND

- TSPS — TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00

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PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

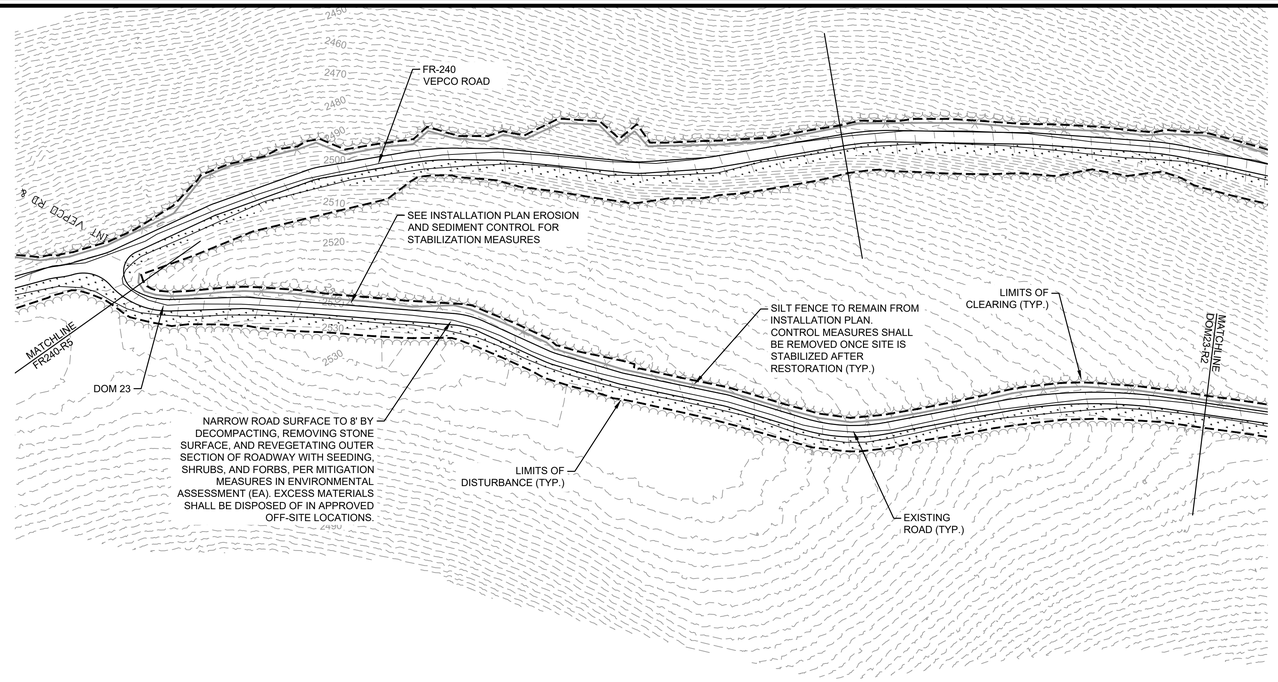
TITLE

DOM 23
ESC PLAN

PROJECT NO. 50106442

DOM23-04

SHEET NO.



DOM 23 INSTALLATION PLAN EARTHWORK CALCULATIONS			
	CUT (CY)	FILL (CY)	NET (CY)
DOM 23 IMPROVEMENT	359.9	257.1	102.8 (CUT)
INSTALL CRANE PAD AT EX STR. #172	72.6	80.2	7.6 (FILL)
INSTALL CRANE PAD AT NEW STR. #172	51.2	19.0	32.2 (CUT)
INSTALLATION TOTALS	483.7	356.3	127.4 (CUT)

DOM 23 RESTORATION PLAN EARTHWORK CALCULATIONS			
	CUT (CY)	FILL (CY)	NET (CY)
RESTORE CRANE PAD AT EX. STR #172	5.7	76.6	70.9 (FILL)
RESTORATION TOTALS	5.7	76.6	70.9 (FILL)

FINAL EARTHWORK BALANCE	
	NET (CY)
DOM 23 INSTALLATION	127.4 (CUT)
DOM 23 RESTORATION	70.9 (FILL)
DOM 23 TOTAL	56.5 (CUT)

EARTHWORK NOTES

1. EXCESS MATERIALS SHALL BE STORED IN TEMORARY STOCKPILE AREAS AS SHOWN ON ROAD PLANS FOR CE47.
2. WHERE ADDITIONAL FILL MATERIAL IS REQUIRED, SUITABLE EXCESS MATERIALS FROM INSTALLATION AND RESTORATION OF OTHER ROADS WITHIN THE GWNF MAY BE USED.
3. OVERAL EARTHWORK BALANCES FOR CE47 WILL BE PROVIDED IN SUMMARY TABLE.

RESTORATION PLAN NOTES

1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET DOM23-01 FOR "INSTALLATION PLAN"
2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
4. CRANE PADS ARE TO BE STABILIZED AS SHOWN ON RESTORATION PLAN. DUE TO PRESENCE OF ROCK, SITE CONTRACTOR AND ENVIRONMENTAL COMPLIANCE COORDINATOR MAY USE GEOTECHNICAL DATA TO DETERMINE SOIL STABILITY AT CRANE PADS AFTER INSTALLATION.
5. NARROWED ROAD WIDTH AS SHOWN ON RESTORATION PLAN IS BASED ON THE AVERAGE EXISTING ROAD WIDTH DETERMINED BY LIDAR SURVEY.
6. IN ADDITION TO TEMPORARY AND PERMANENT SEEDING, JUTE MATTING MAY BE REQUIRED TO ENSURE STABILIZATION.
7. REFER TO GEORGE WASHINGTON NATIONAL FOREST FORESTWIDE STANDARDS AND EROSION AND SEDIMENT CONTROL STANDARD NOTES AND DETAILS INCLUDED AT THE FRONT OF THE TL 550 PHASE 3 CONSTRUCTION DOCUMENT PACKAGE.
8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
9. PROFILE SHOWS 8FT OFFSETS TO LEFT AND RIGHT OF CENTERLINE TO ILLUSTRATE EXISTING GRADE ON EDGE OF ROADWAY WITH 16FT WIDTH.

E&SC LEGEND

- PROPOSED 12" SILT SOCK
- X — PROPOSED SILT FENCE
- XX — PROPOSED SUPER SILT FENCE
- PROPOSED LIMITS OF DISTURBANCE
- PROPOSED RIPRAP APRON
- PROPOSED LIMITS OF CLEARING

HATCH LEGEND

- TEMPORARY & PERMANENT SEEDING, SEE DOMINION SPEC TE VEP 8000-13-00
- REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

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TRANSMISSION LINE REBUILD
PROJECT TL 550
CONSTRUCTION DOCUMENTS
GEORGE WASHINGTON NATIONAL FOREST
WEST VIRGINIA & VIRGINIA

SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE
0' 50' 100'
HORIZONTAL SCALE
0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY JDE
APPROVED BY
CHECKED BY ARB
DATE 05/21/21

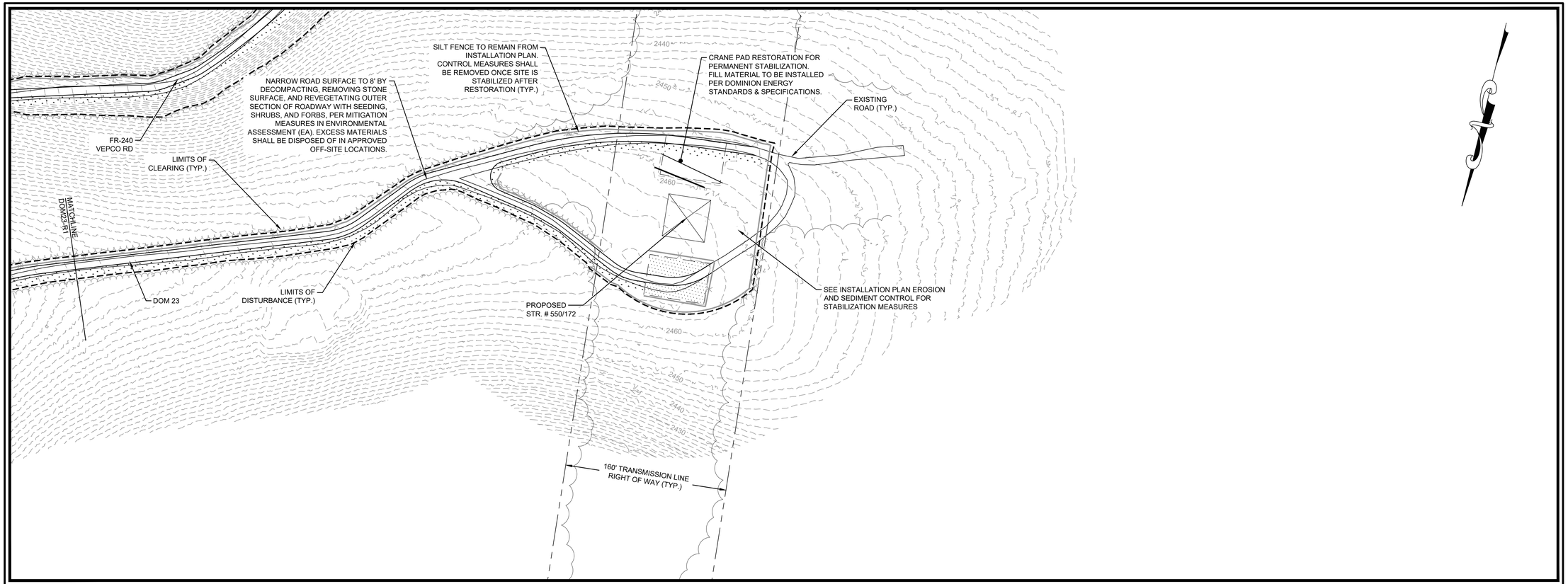
TITLE

DOM 23 RESTORATION PLAN

PROJECT NO. 50106442

DOM23-R1

SHEET NO.



EARTHWORK NOTES

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2. WHERE ADDITIONAL FILL MATERIAL IS REQUIRED, SUITABLE EXCESS MATERIALS FROM INSTALLATION AND RESTORATION OF OTHER ROADS WITHIN THE GWNF MAY BE USED.
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RESTORATION PLAN NOTES

1. PLAN SHOWN HERE REPRESENTS "RESTORATION PLAN". SEE SHEET DOM23-02 FOR "INSTALLATION PLAN"
2. FOR SHENANDOAH CREST ZONE MITIGATION MEASURES, REFER TO ENVIRONMENTAL ASSESSMENT (EA), DESIGN ELEMENTS AND THREATENED & ENDANGERED SPECIES SECTIONS.
3. FIELD MODIFICATIONS WITHIN THE PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) MAY BE APPROVED BY THE CONSTRUCTION COORDINATOR/CERTIFIED LAND DISTURBER AND NOTED ON THE DRAWING. FIELD MODIFICATIONS THAT EXTEND OUTSIDE OF PERMITTED CONSTRUCTION LIMITS (AS SHOWN ON THE PROJECT MAPS) REQUIRE APPROVAL BY THE GWNF PRIOR TO IMPLEMENTATION.
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8. EXISTING GRADES SHOWN ON CROSS SECTIONS AND PLAN & PROFILE ARE BASED ON LIDAR DATA PROVIDED BY DOMINION ENERGY.
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E&SC LEGEND

—○—	PROPOSED 12" SILT SOCK
— X —	PROPOSED SILT FENCE
— XX —	PROPOSED SUPER SILT FENCE
— — — —	PROPOSED LIMITS OF DISTURBANCE
	PROPOSED RIPRAP APRON
	PROPOSED LIMITS OF CLEARING

HATCH LEGEND

	TEMPORARY & PERMANENT SEEDING. SEE DOMINION SPEC TE VEP 8000-13-00
	REVEGETATE AND DECOMPACT PER MITIGATION MEASURES IN EA

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CONSTRUCTION DOCUMENTS
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SEAL

PRELIMINARY
NOT FOR CONSTRUCTION

SCALE

0' 50' 100'
HORIZONTAL SCALE

0' 25' 50'
VERTICAL SCALE

REVISIONS

DRAWN BY	JDE
APPROVED BY	
CHECKED BY	ARB
DATE	05/21/21

TITLE

DOM 23
RESTORATION
PLAN

PROJECT NO. 50106442

DOM23-R2

SHEET NO.