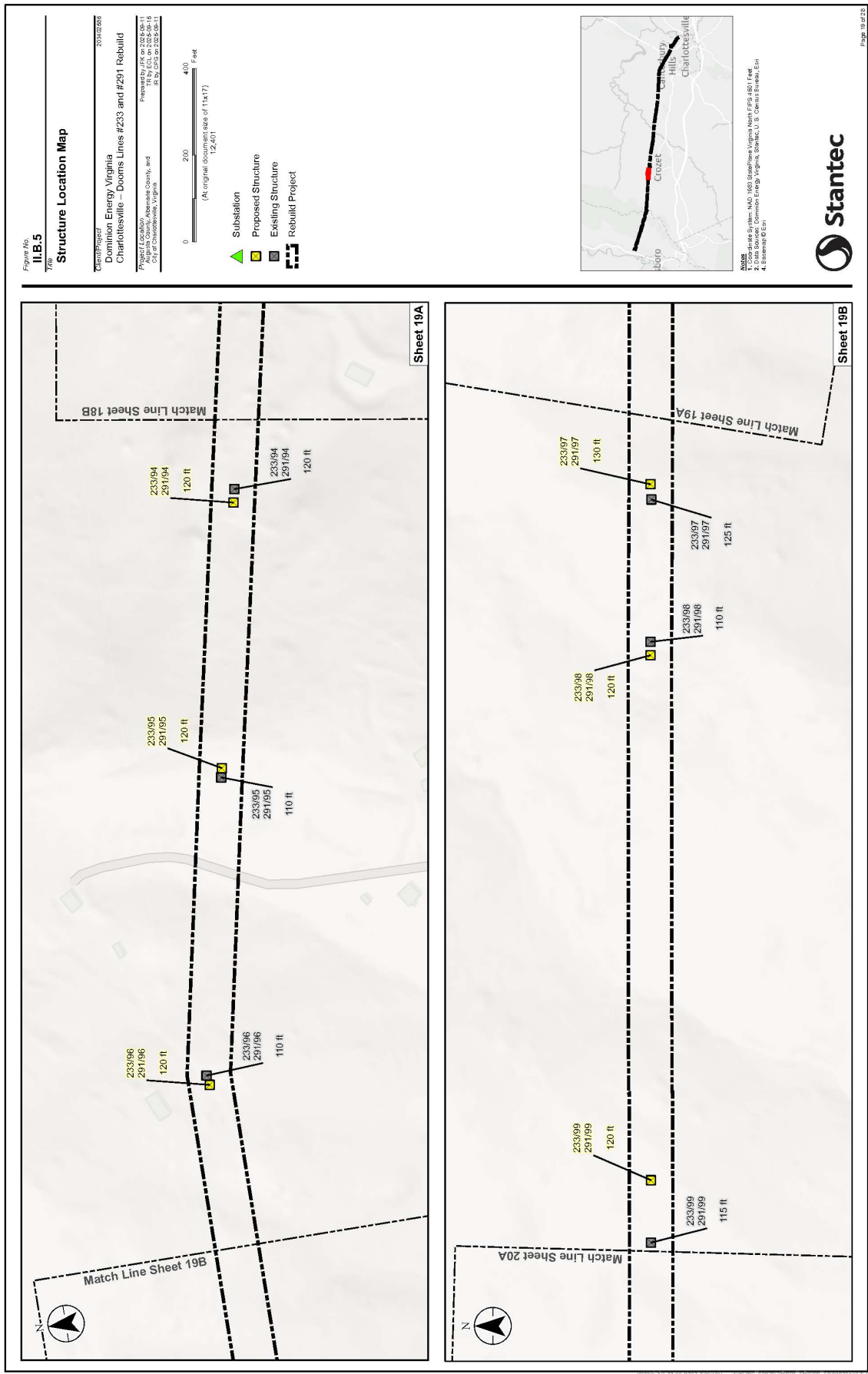
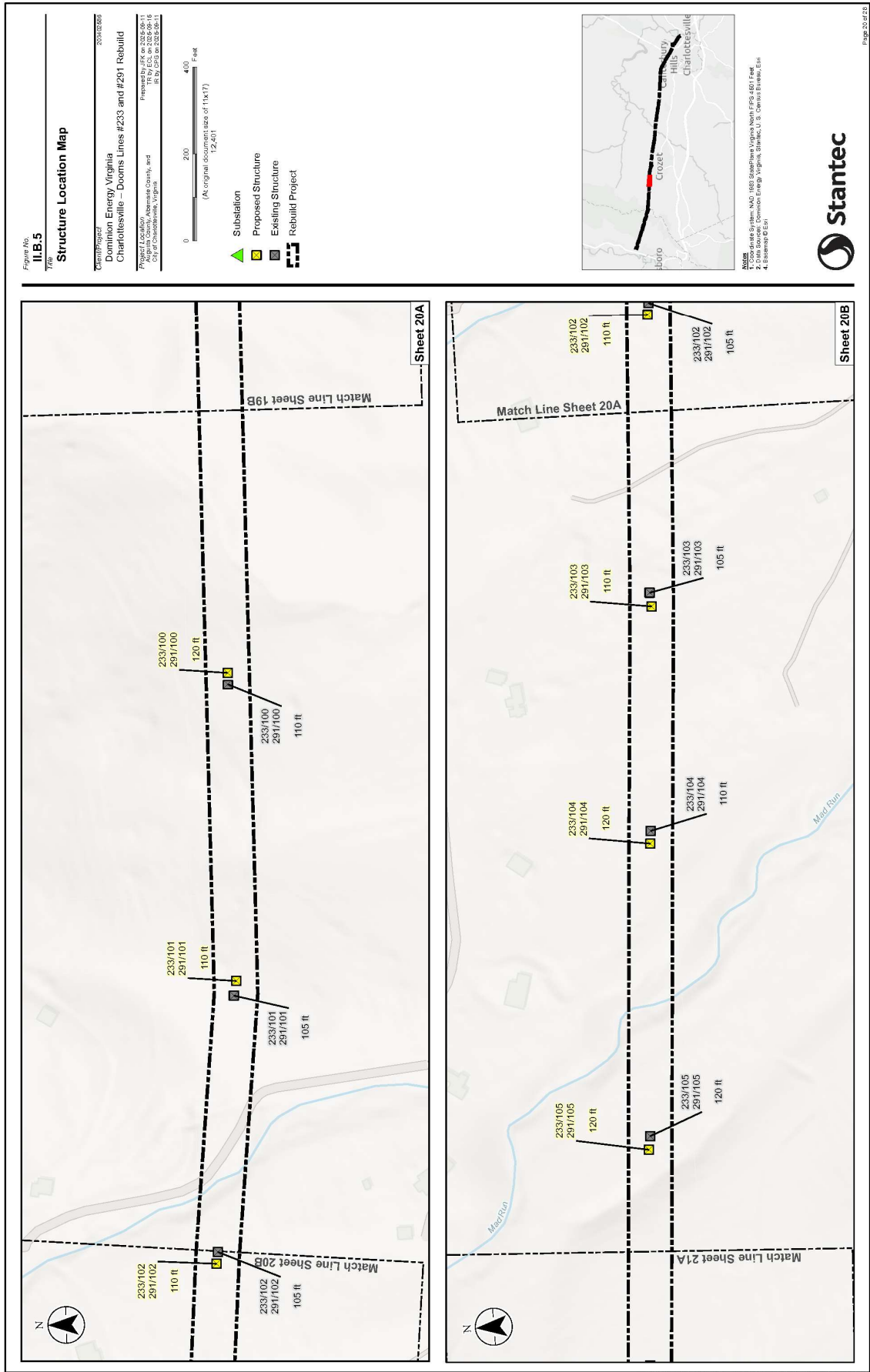
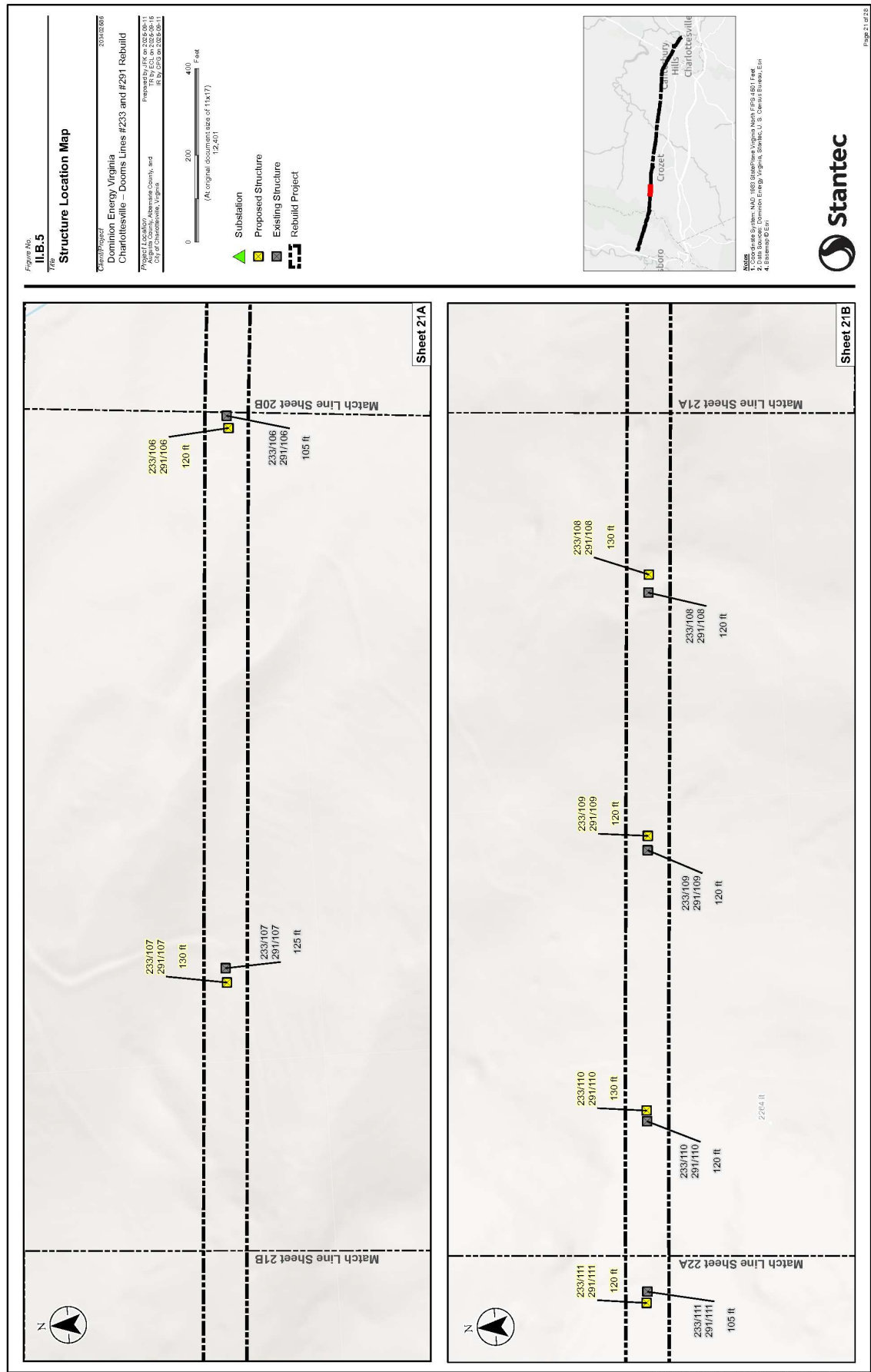
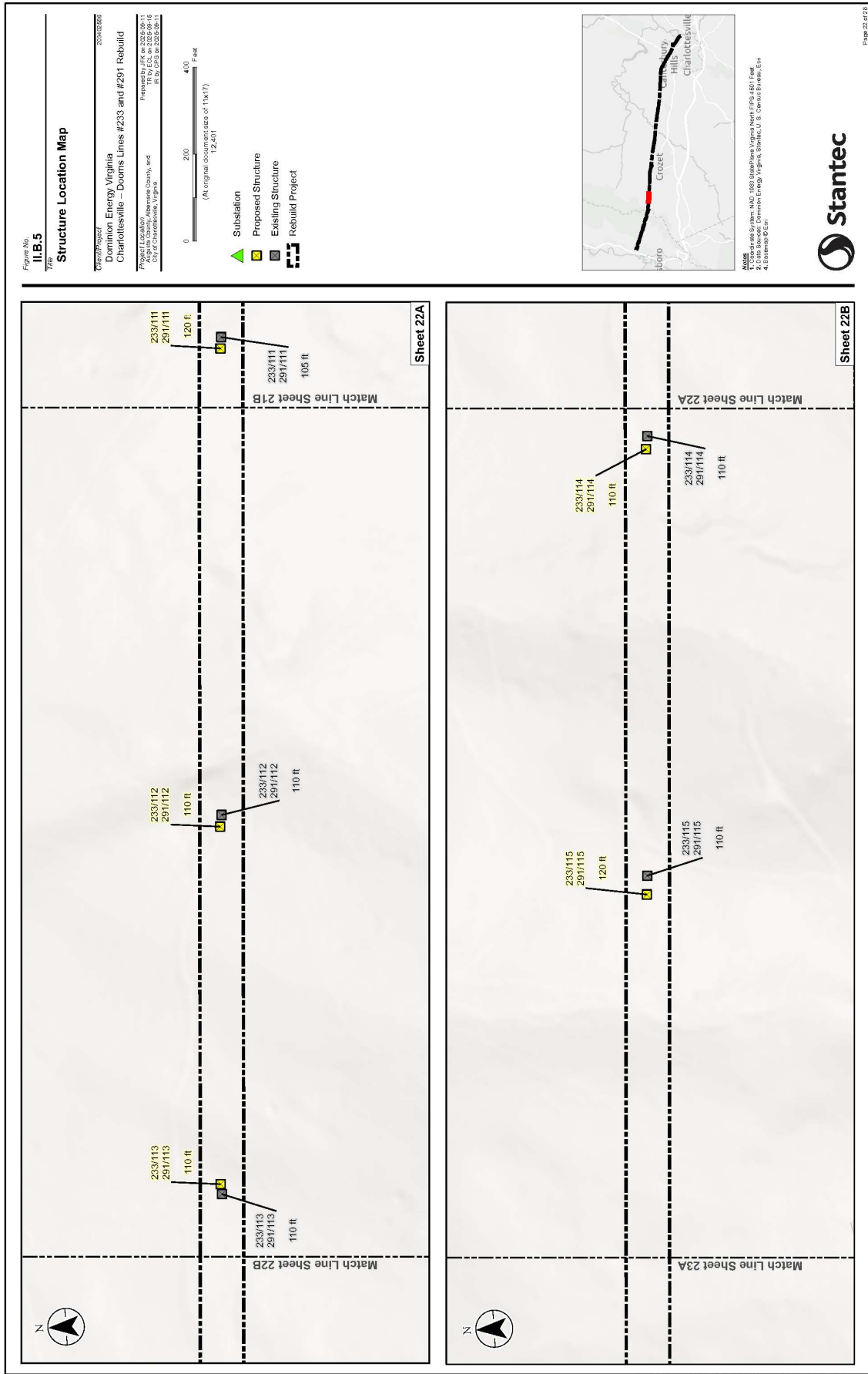
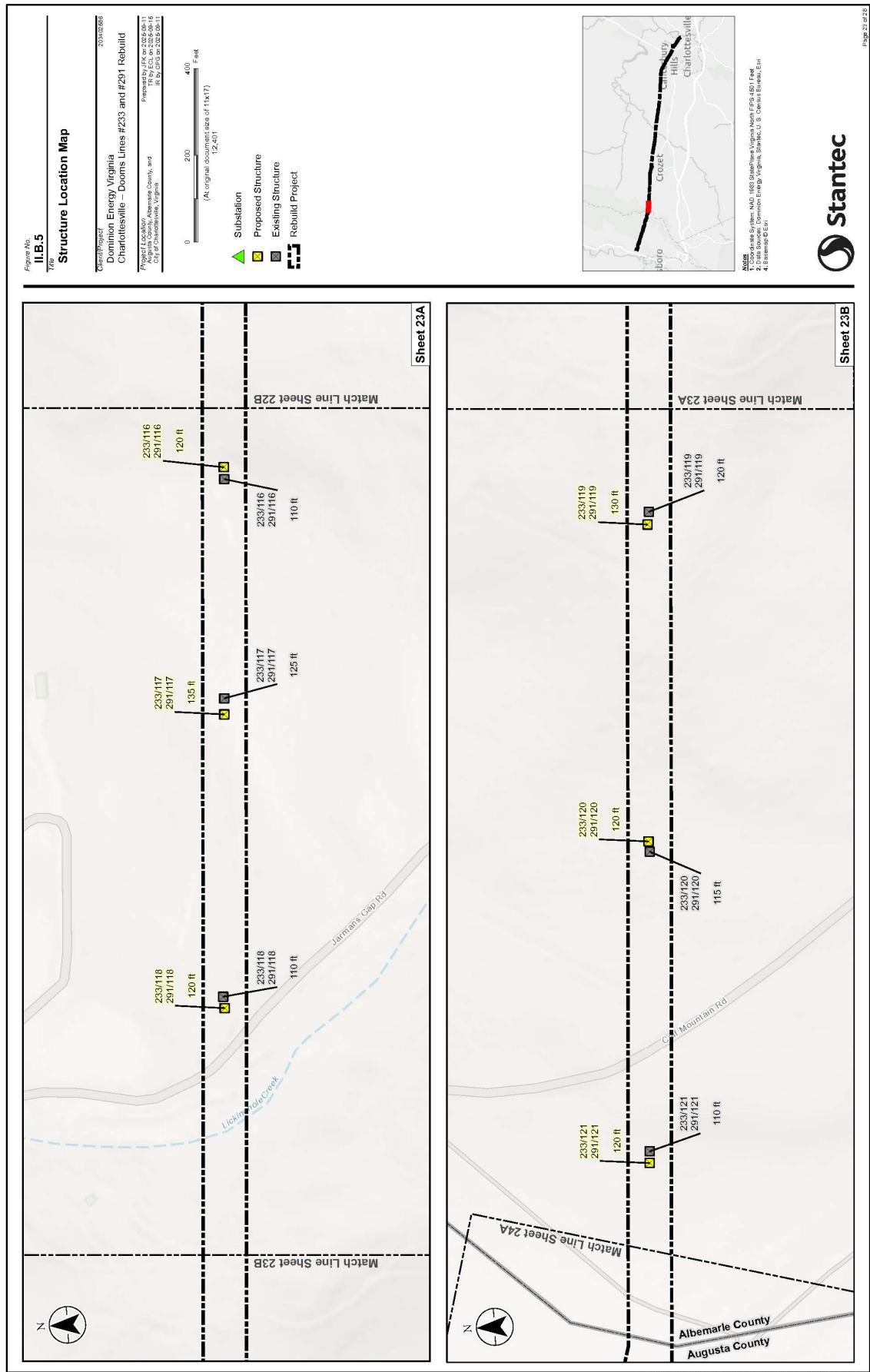


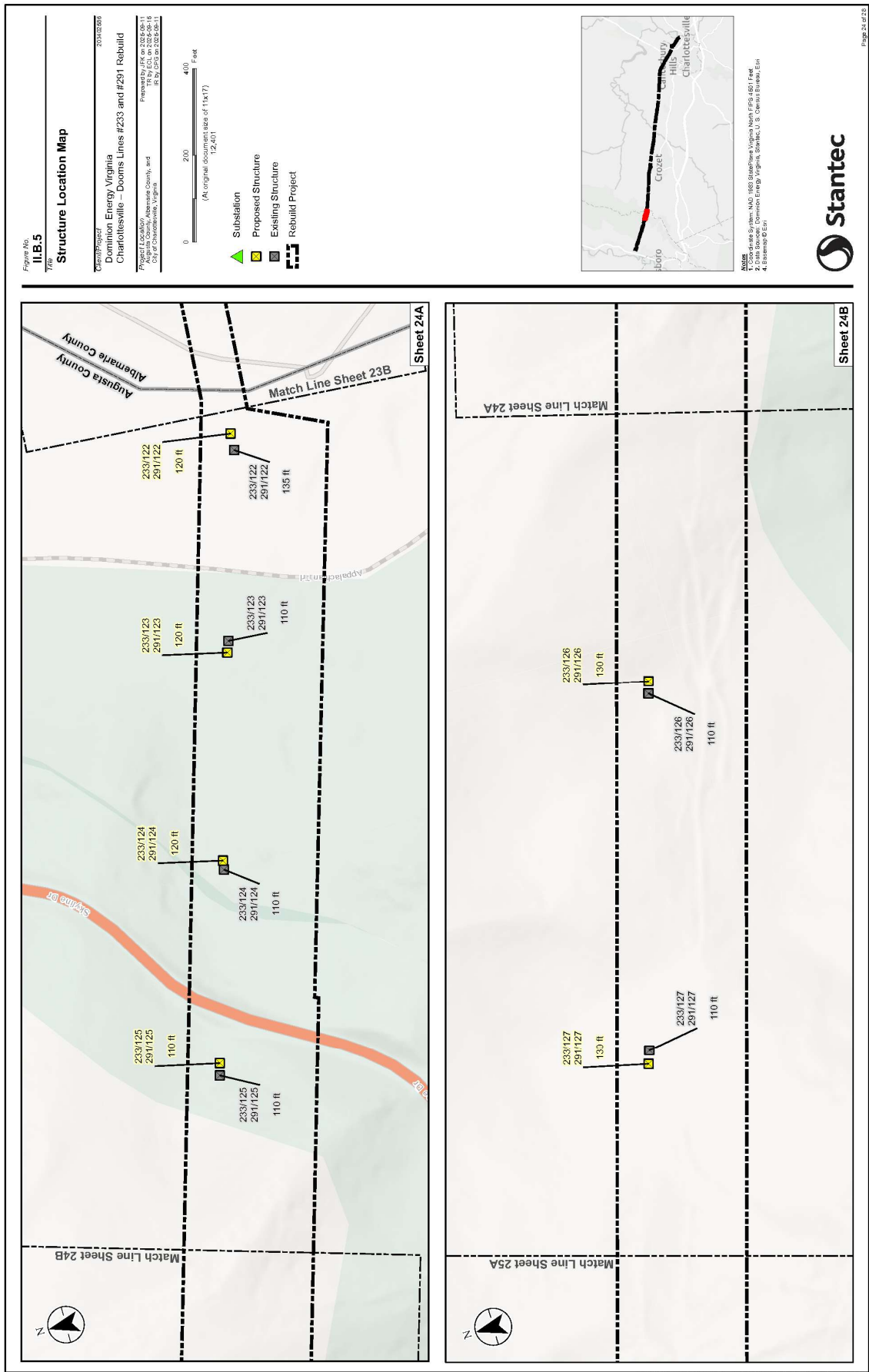


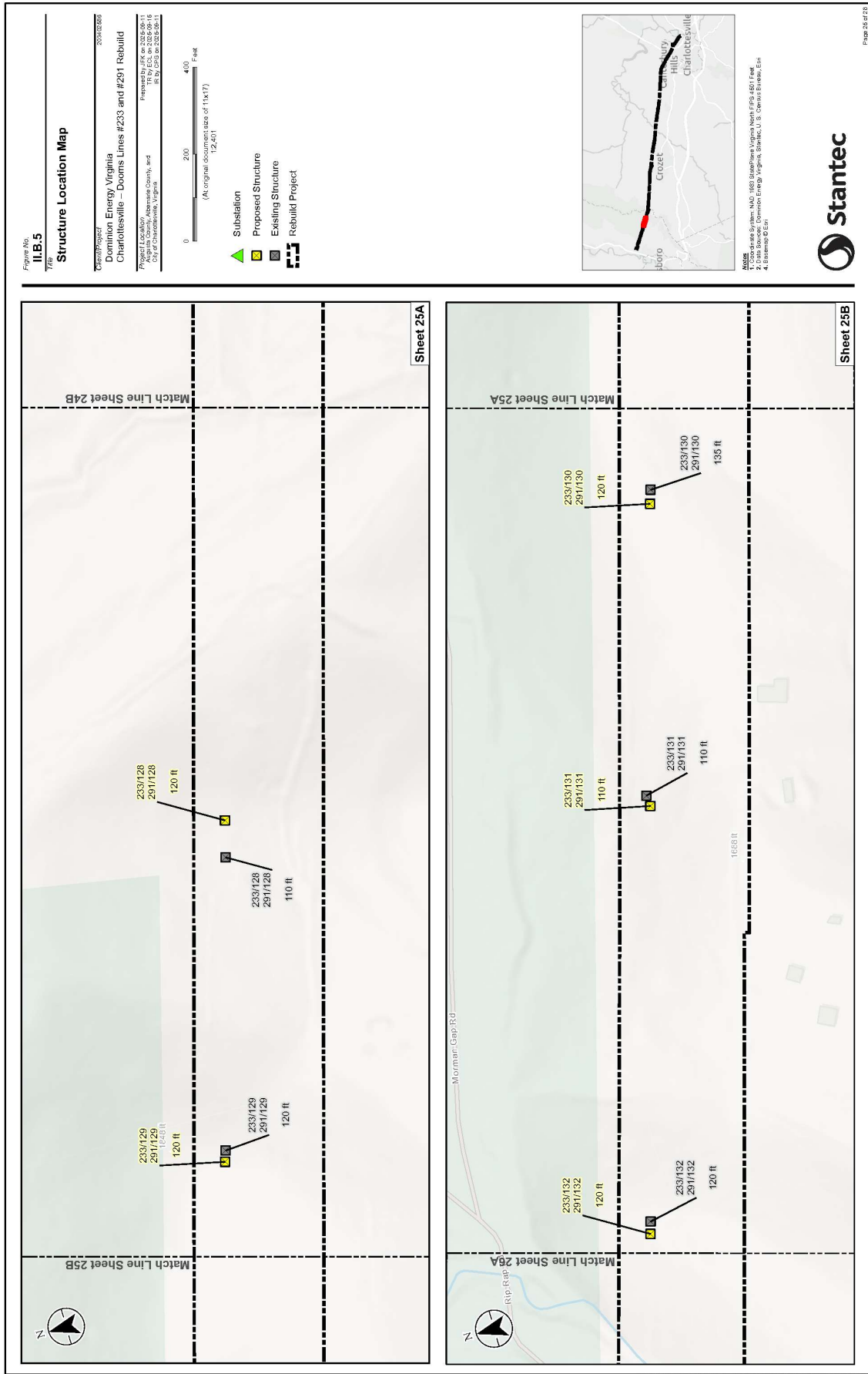


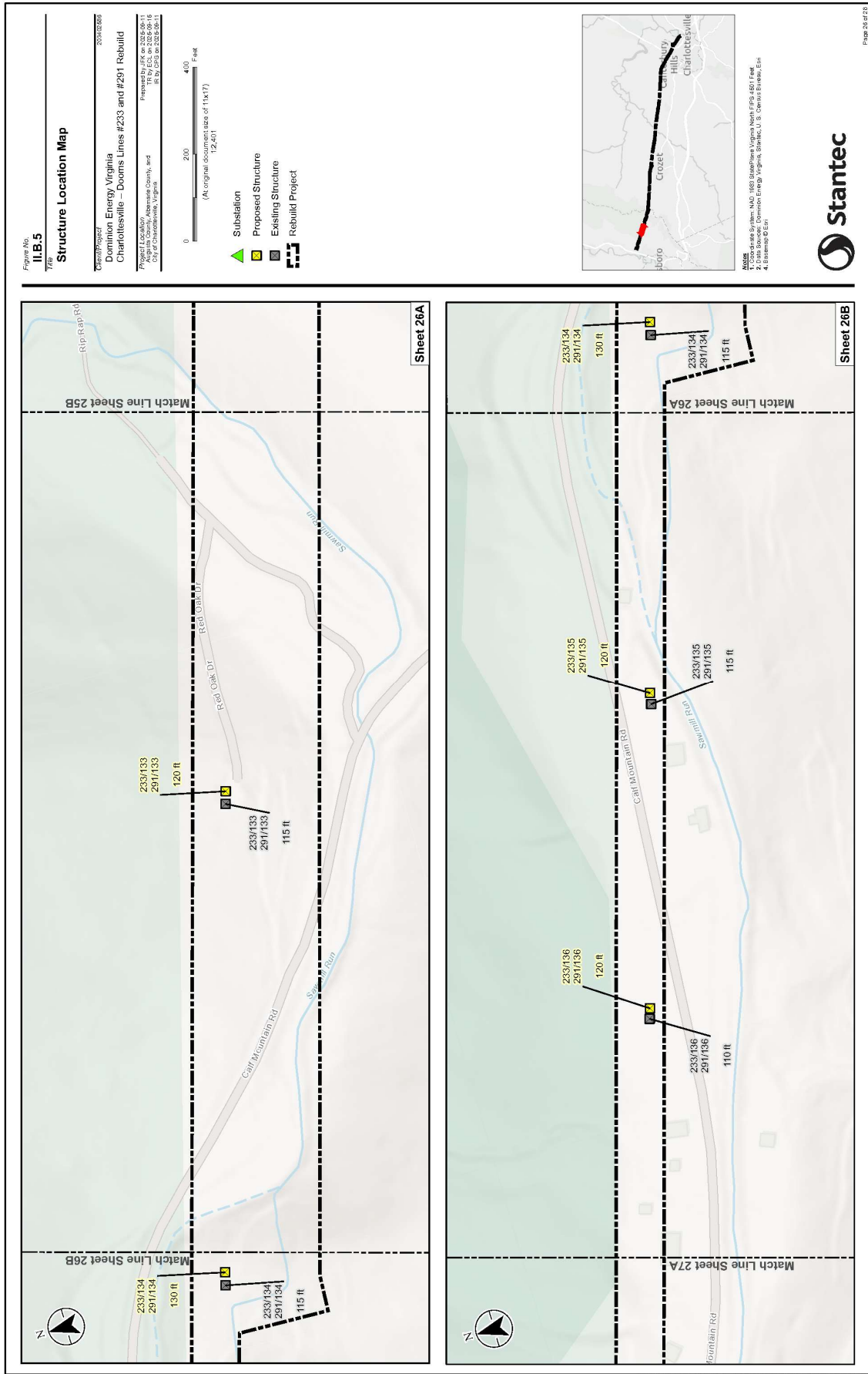


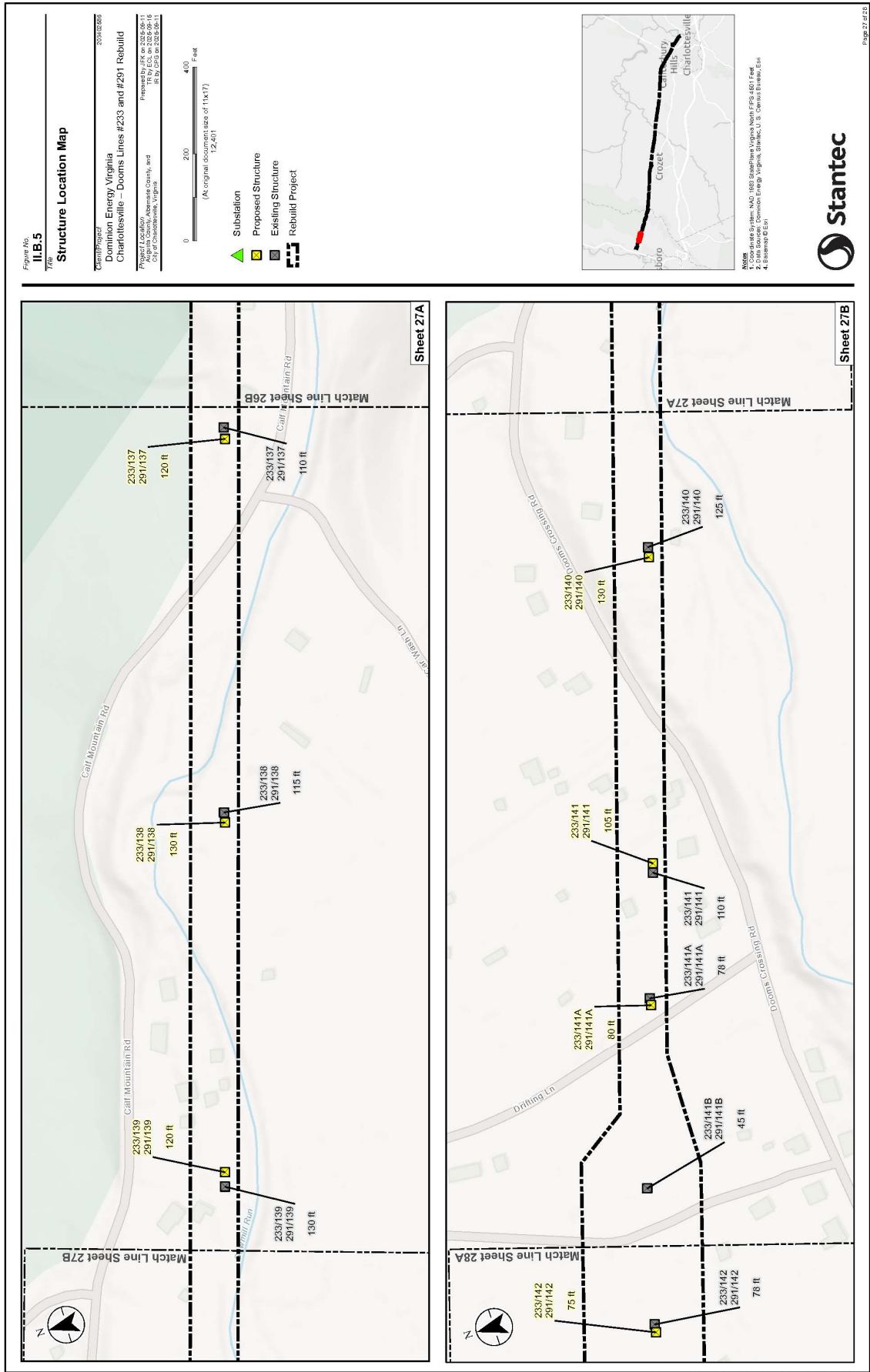












II. DESCRIPTION OF THE PROPOSED PROJECT

B. Line Design and Operational Features

6. Provide photographs for [a]typical existing facilities to be removed, [b] comparable photographs or representations for proposed structures, and [c] visual simulations showing the appearance of all planned transmission structures at identified historic locations within one mile of the proposed centerline and in key locations identified by the Applicant.

Response: [a] *Photographs for typical existing facilities to be removed.*

See Attachments II.B.6.a.i-vi for representative photographs of typical existing structures.

[b] *Comparable photographs or representations for proposed structures.*

See Attachments II.B.6.b.i-vi for representative photographs of the proposed structures for the Rebuild Project.

[c] *Visual simulations showing the appearance of all planned transmission structures at identified historic locations within one mile of the proposed centerline and in key locations.*

Visual simulations showing the appearance of the proposed transmission structures at identified historic locations within 1.0 mile of the Rebuild Project where the Rebuild Project will be visible are provided. See Attachment II.B.6.c for a map of the simulation locations and the existing views at the historic properties. These simulations were created using PLS-CADD modeling to depict whether the proposed structures will be visible from the identified historic property. The historic properties evaluated are described below. See also the Stage I Pre-Application Analysis Report provided as Attachment 2.I.1 of the DEQ Supplement.

VDHR #	Resource Name	Viewpoint	Comments
002-1260	Woolen Mills Village Historic District	1	Not Visible
104-5361 ¹⁴	Little High Neighborhood Historic District	2	Not Visible
104-0005	Locust Grove, 810 Locust Ave	3	Not Visible
104-5144	Martha Jefferson Historic District		

¹⁴ Per VDHR guidance, this resource does not meet the criteria for analysis within the Stage I. As such, it is only considered within the visual simulations for the response to II.B.6.c.

VDHR #	Resource Name	Viewpoint	Comments
104-5144	Martha Jefferson Historic District	4	Not Visible
104-5073	Marshall-Rucker-Smith House, 620 Park Street	5	Not Visible
104-0072	Charlottesville and Albemarle County Courthouse Historic District		
104-5074	Judge William J. Robertson House, 705 Park Street	6	Not Visible
104-0072	Charlottesville and Albemarle County Courthouse Historic District		
104-0202	Enderly, 603 Watson Avenue	7	Not Visible
104-0072	Charlottesville and Albemarle County Courthouse Historic District	8	Not Visible
104-0210	Hard Bargain, 1103 Park Street	9	Not Visible
104-5137	Rock Hill Academy Landscape, 1025 Park Street	10	Not Visible
104-5102	McIntire Golf Course, Route 250 Bypass	11	Existing and Proposed Structures Visible
104-0120 ¹⁵	Covenant School, McIntire School	12	Not Visible
104-5139	McIntire Municipal Park, Route 250 Bypass	13	Not Visible
104-5995	Thomas and Alena Hammond House, 1708 Yorktown Drive	14	Not Visible
104-5276 ¹⁶	Rose Hill Neighborhood Historic District	15	Not Visible
104-5394	Meadowbrook Hills Historic District	16	Existing and Proposed Structures Visible

¹⁵ Per VDHR guidance, this resource does not meet the criteria for analysis within the Stage I. As such, it is only considered within the visual simulations for the response to II.B.6.c.

¹⁶ Per VDHR guidance, this resource does not meet the criteria for analysis within the Stage I. As such, it is only considered within the visual simulations for the response to II.B.6.c.

VDHR #	Resource Name	Viewpoint	Comments
104-5094	Stonefield, 1204 Rugby Road	17	Not Visible
104-0244	Four Acres, 1314 Rugby Road		
104-5143 ¹⁷	Bancroft, William Hall Goodwin House, 1214 Rugby Rd		
104-5394	Meadowbrook Hills Historic District		
104-5393	Rugby Hills, Barracks Road Historic District		
104-5186	Federal Executive Institute, 1301 Emmet Street North	18	Structures Not visible, Conductor Wires May Be Visible
104-5344	Barracks Road Shopping Center, 1117 Emmet Street North	19	Not Visible
104-0006	Sunnyside, 2150 Barracks Road	20	Not Visible
002-5193 ¹⁸	Sammons House and Cemetery, 1975 Lambs Road	21	Not Visible
002-0925 ¹⁹	Westover	22	Not visible
002-1736	Ingleridge Farm, 1585 Ingleridge Farm	23	Existing and Proposed Structures Visible
002-0808	Gallison Hall, 24 Farmington Drive	24	Not Visible
002-5153	Farmington Historic District		
002-0035	Farmington House, Rt. 250	25	Not Visible
002-5153	Farmington Historic District		
002-5035	Colonel Vose Residence, 3 Brook Road	26	Not Visible
002-5153	Farmington Historic District		
002-5311	Periwinkle Cottage, 2245 Blue Ridge Lane	27	Not Visible
002-5153	Farmington Historic District		

¹⁷ Per VDHR guidance, this resource does not meet the criteria for analysis within the Stage I. As such, it is only considered within the visual simulations for the response to II.B.6.c.

¹⁸ Per VDHR guidance, this resource does not meet the criteria for analysis within the Stage I. As such, it is only considered within the visual simulations for the response to II.B.6.c.

¹⁹ Per VDHR guidance, this resource does not meet the criteria for analysis within the Stage I. As such, it is only considered within the visual simulations for the response to II.B.6.c.

VDHR #	Resource Name	Viewpoint	Comments
002-5148	Hardie House, 2115 Dogwood Lane	28	Not Visible
002-5153	Farmington Historic District		
002-5178	Blue Ridge Camp, 1275 Owensville Rd	29	Not Visible
002-5087	Crozet Historic District	30	Not Visible
002-5075	Greenwood-Afton Rural Historic District	31	Not Visible
002-5075	Greenwood-Afton Rural Historic District	32	Existing and Proposed Structures Visible
093-5043	Appalachian Trail, Shenandoah State Park	33	Existing and Proposed Structures Visible
021-5012	Appalachian National Scenic Trail		
069-0234	Skyline Drive Historic District	34	Existing and Proposed Structures Visible
007-0944 ²⁰	John Nicholas Coiner House and Mill	35	Not Visible

See also Attachment III.B.4 for visual simulations and renderings of key locations evaluated.

²⁰ Per VDHR guidance, this resource does not meet the criteria for analysis within the Stage I. As such, it is only considered within the visual simulations for the response to II.B.6.c.

II.B.6.a.i



Existing STR 233,291/2

II.B.6.a.ii



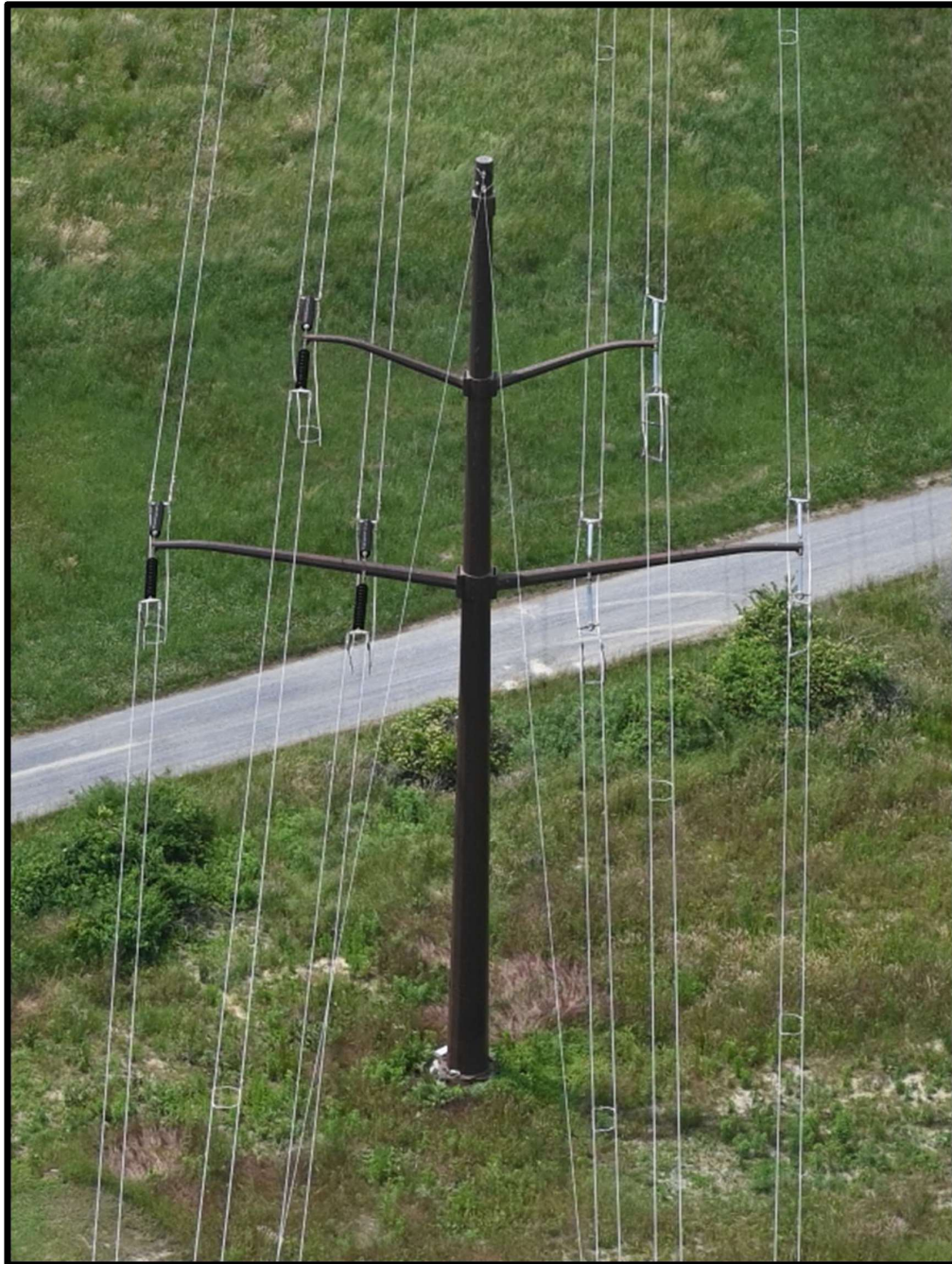
Existing STR 233,291/73

II.B.6.a.iii



Existing STR 233/148

II.B.6.a.iv



Existing STR 291,233/141A

II.B.6.a.v



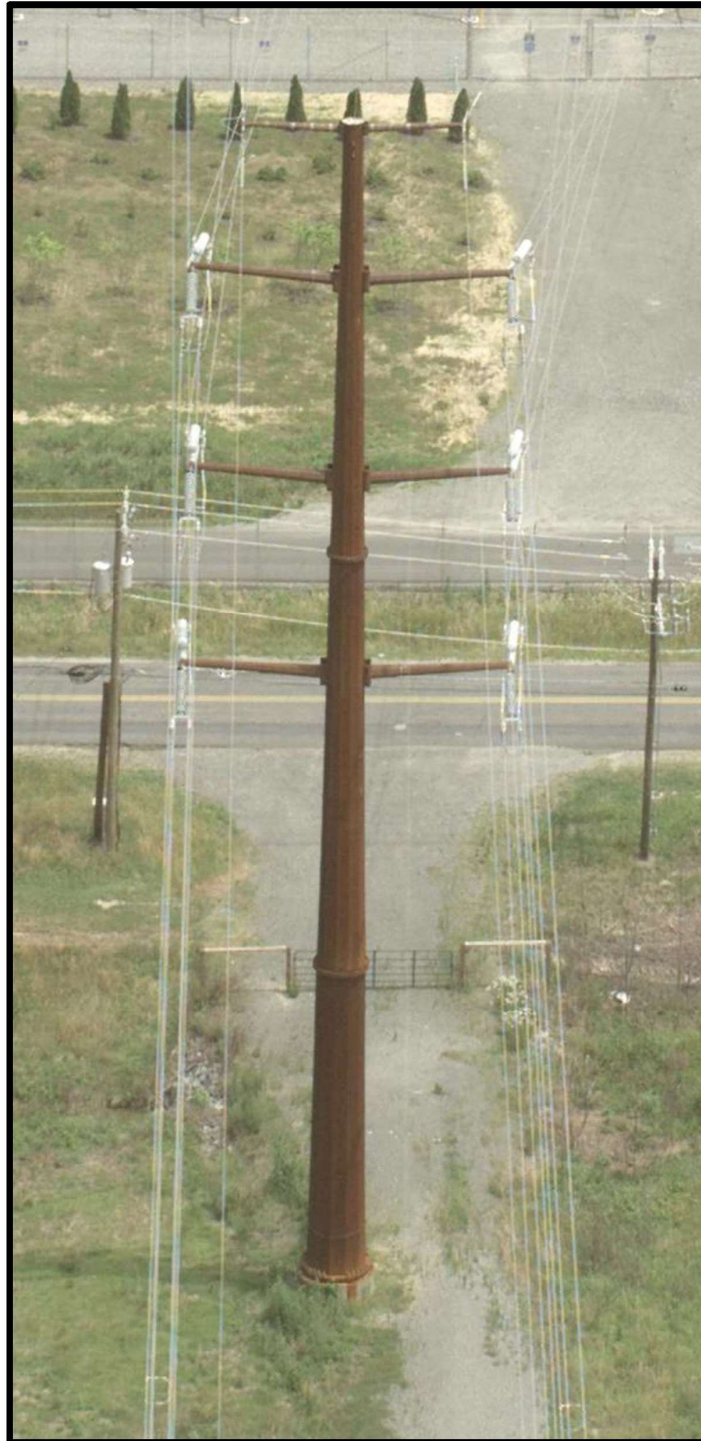
Existing STR 233/147

II.B.6.a.vi



Existing STR 233,291/33 and STR 291/33E

II.B.6.b.i



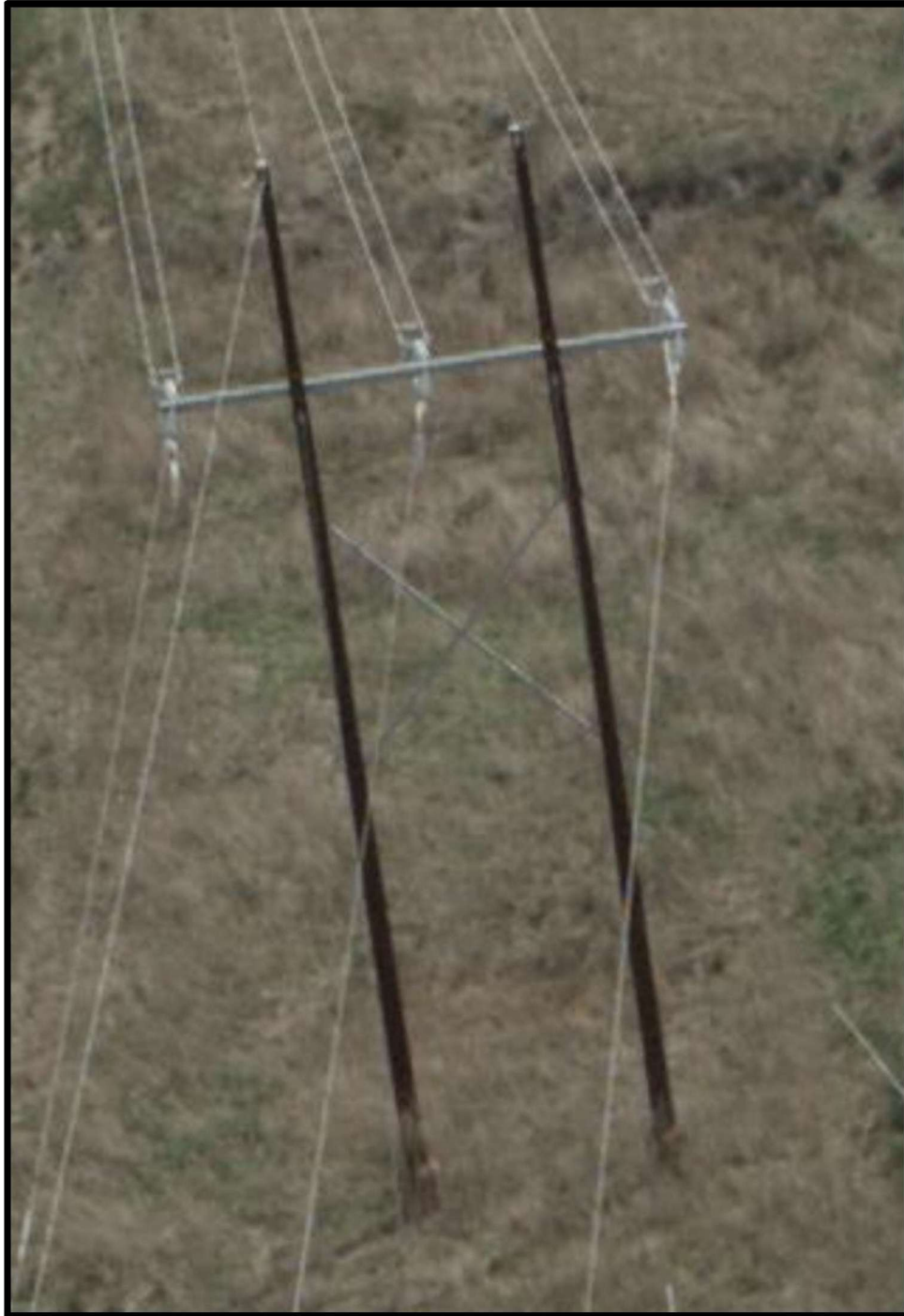
Proposed 230kV Double Circuit DDE

II.B.6.b.ii



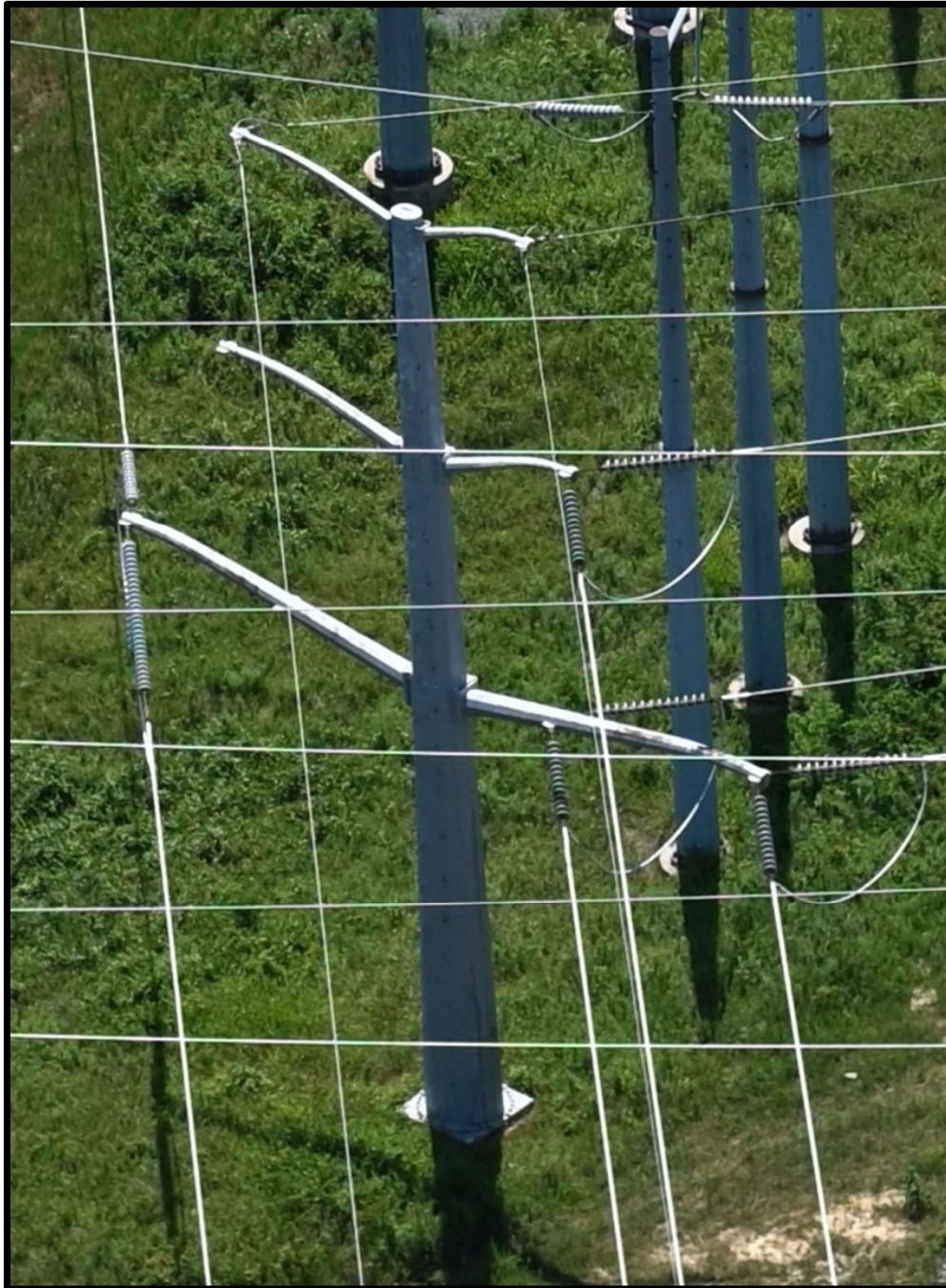
Proposed Double Circuit Tangent V String Suspension

II.B.6.b.iii



Proposed SC Steel H-Frame

II.B.6.b.iv



Proposed 230kV Double Circuit DDE Crossing Structure

II.B.6.b.v

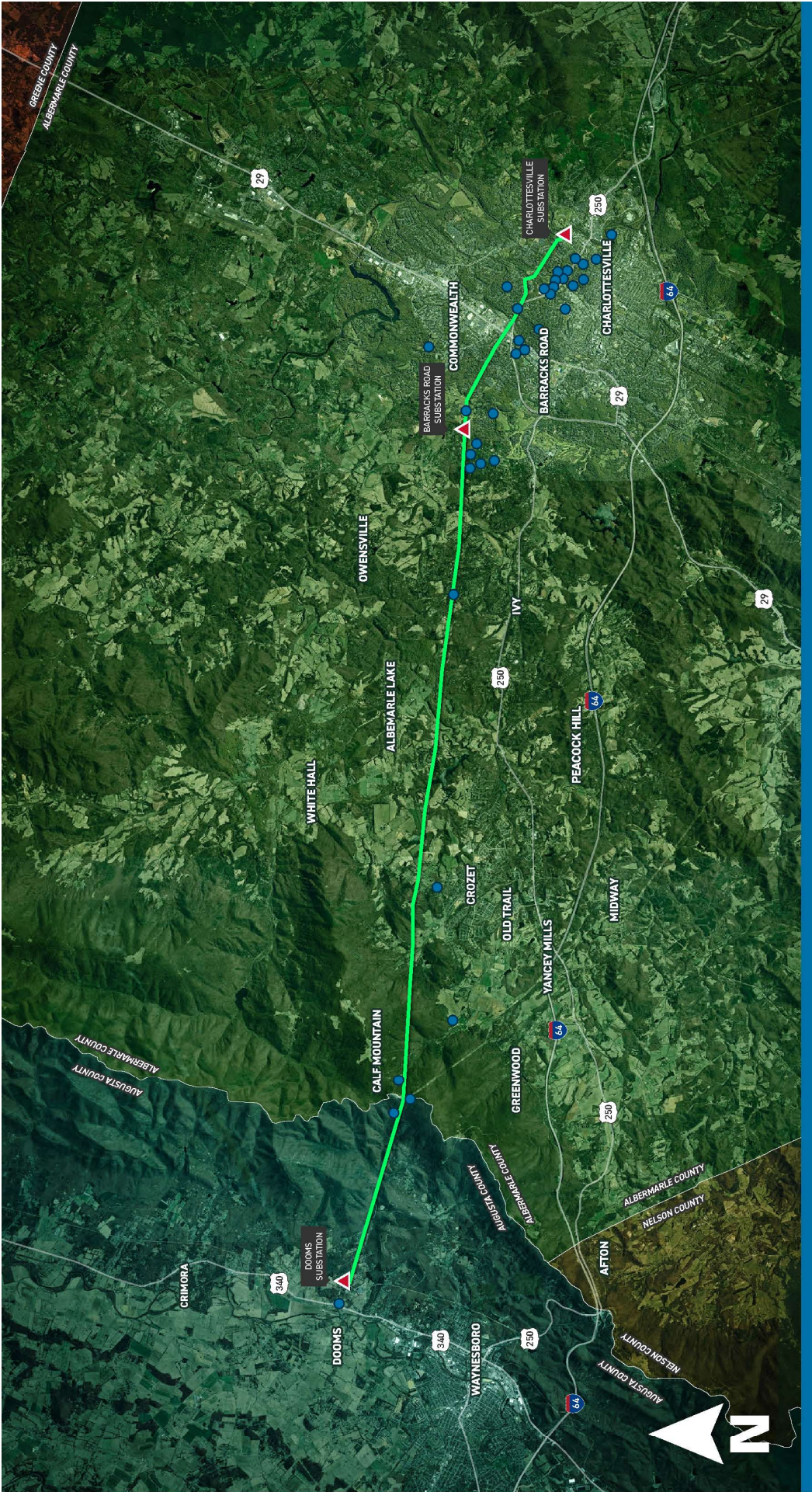


230kV SC 3 Pole Heavy Angle DDE

II.B.6.b.vi



Proposed Double Circuit Backbone

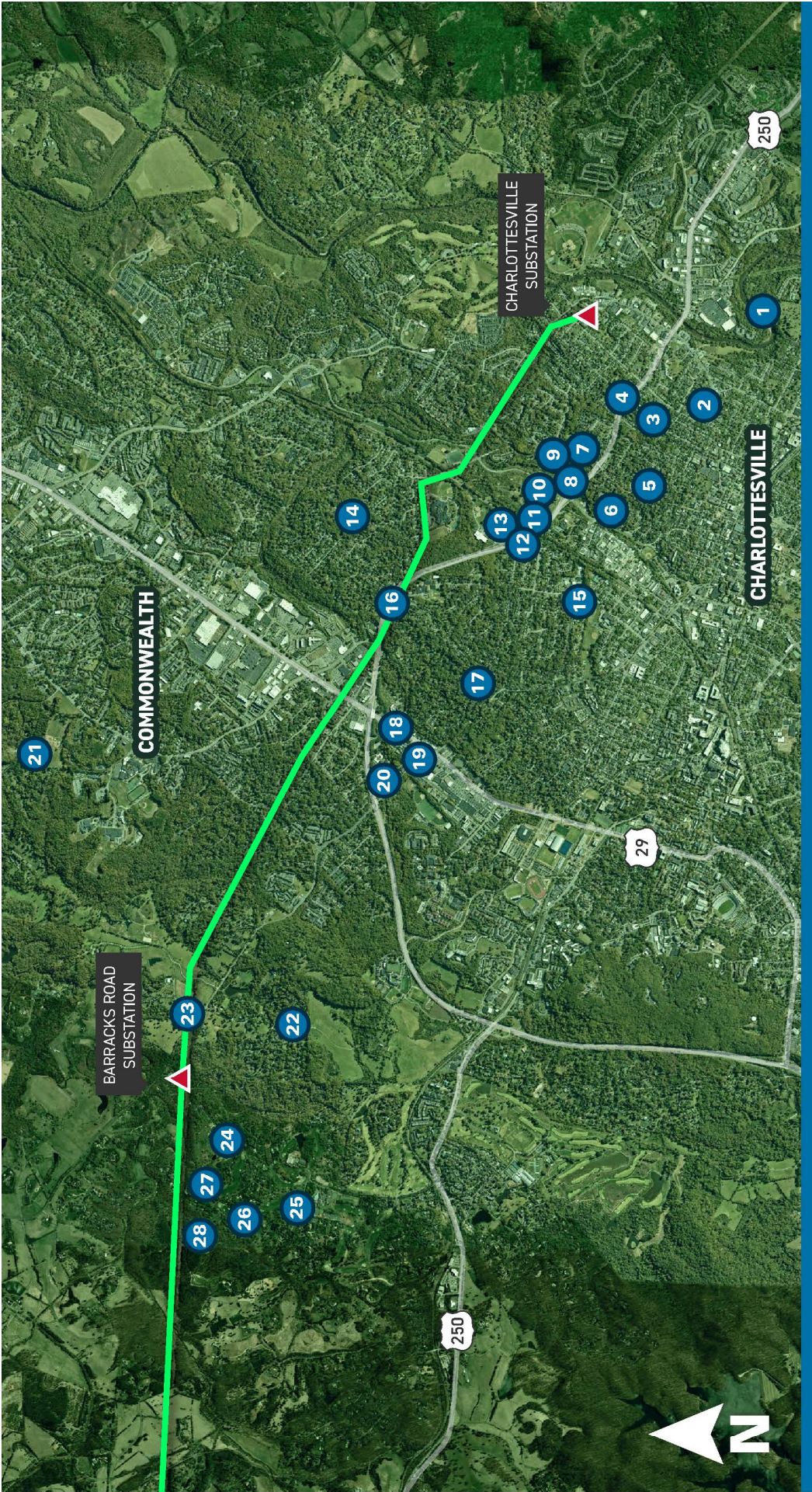


**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

Photo Location Map

● Viewpoint Location ▲ Substation — Transmission Line Project Mileage: Approximately 22.3 miles

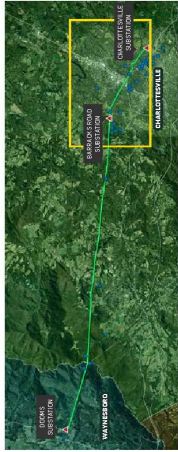


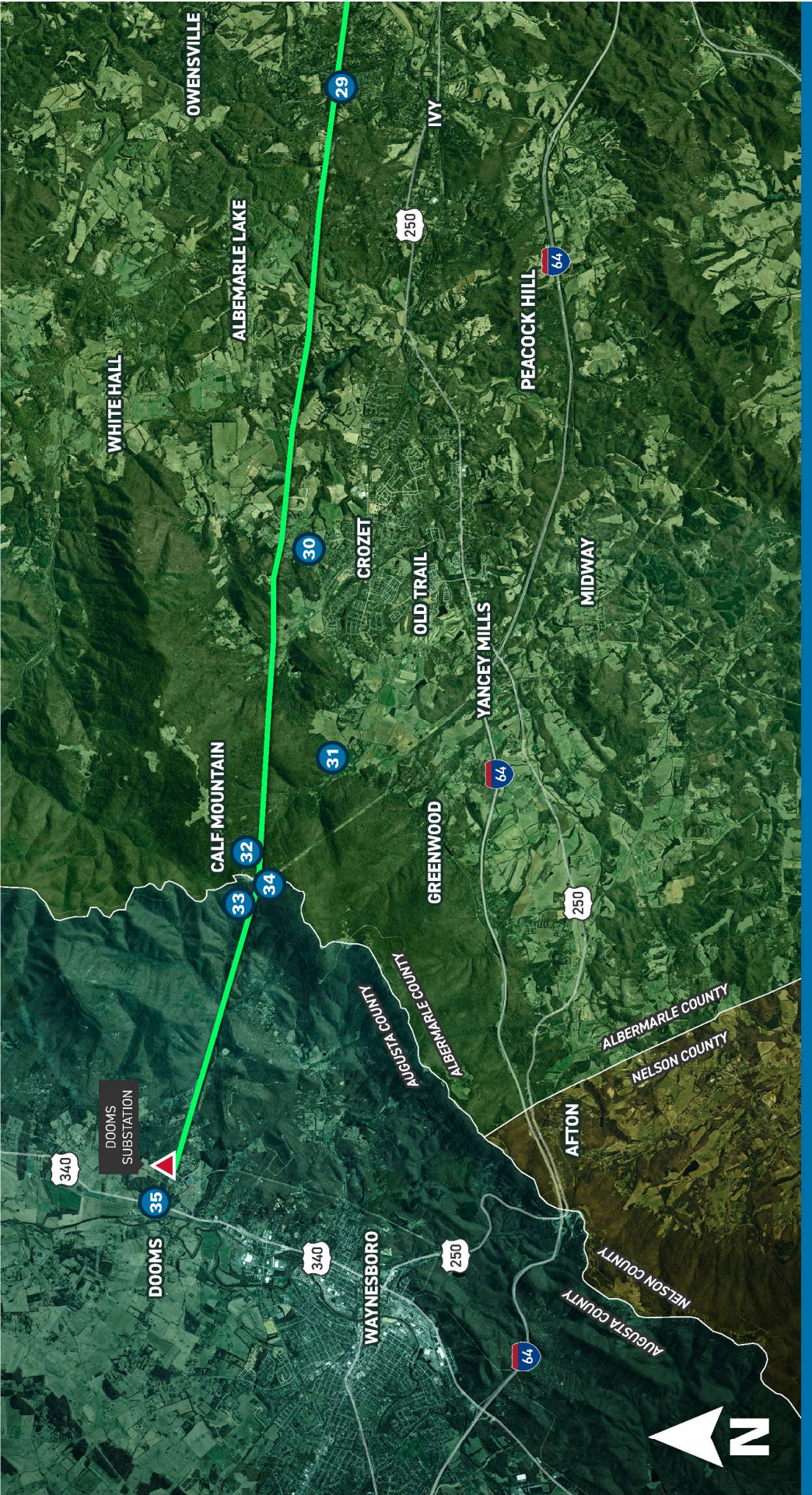


**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

Photo Location Map

- 1 Viewpoint Location
- Substation
- Transmission Line





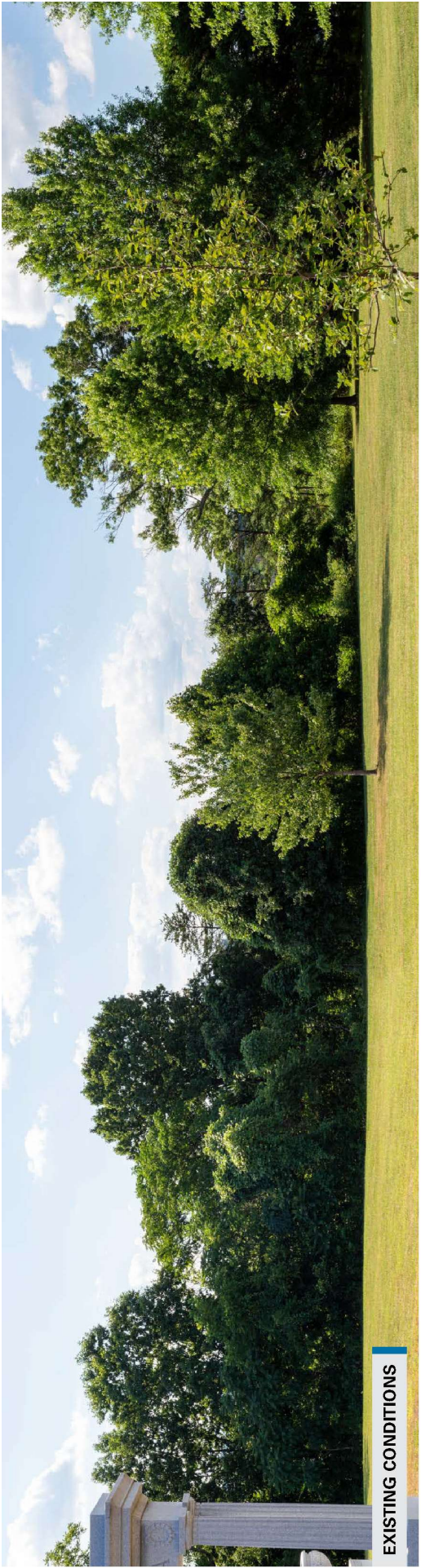
**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

Photo Location Map

1 Viewpoint Location ▲ Substation — Transmission Line



EXISTING CONDITIONS



PROPOSED CONDITIONS

OVERLAY

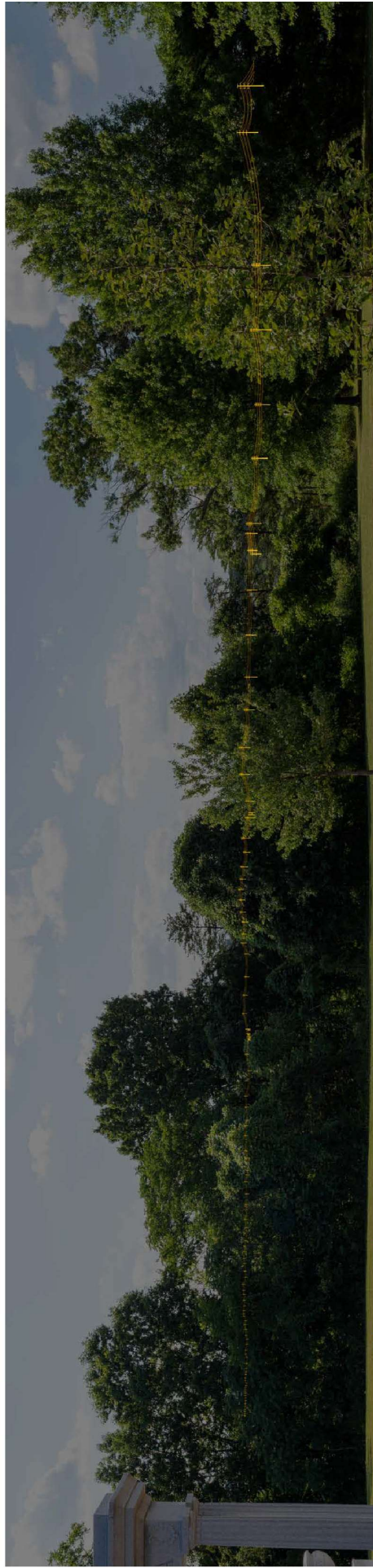


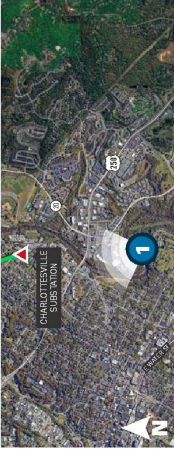
Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

CHARLOTTESVILLE
– DOOMS

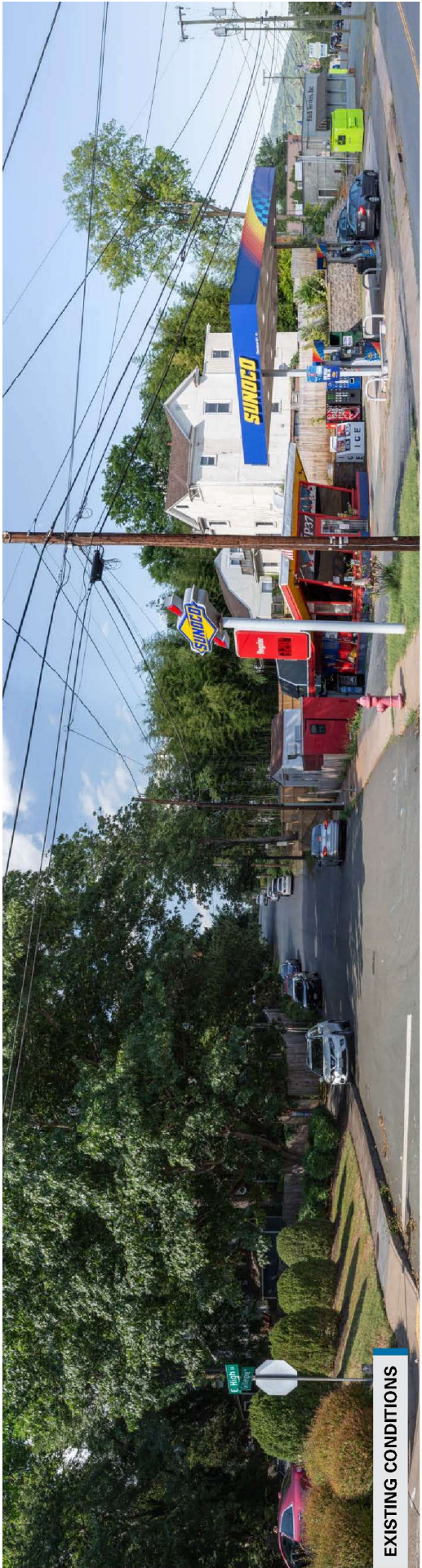
Lines #233 and #291 Rebuild

Viewpoint 1

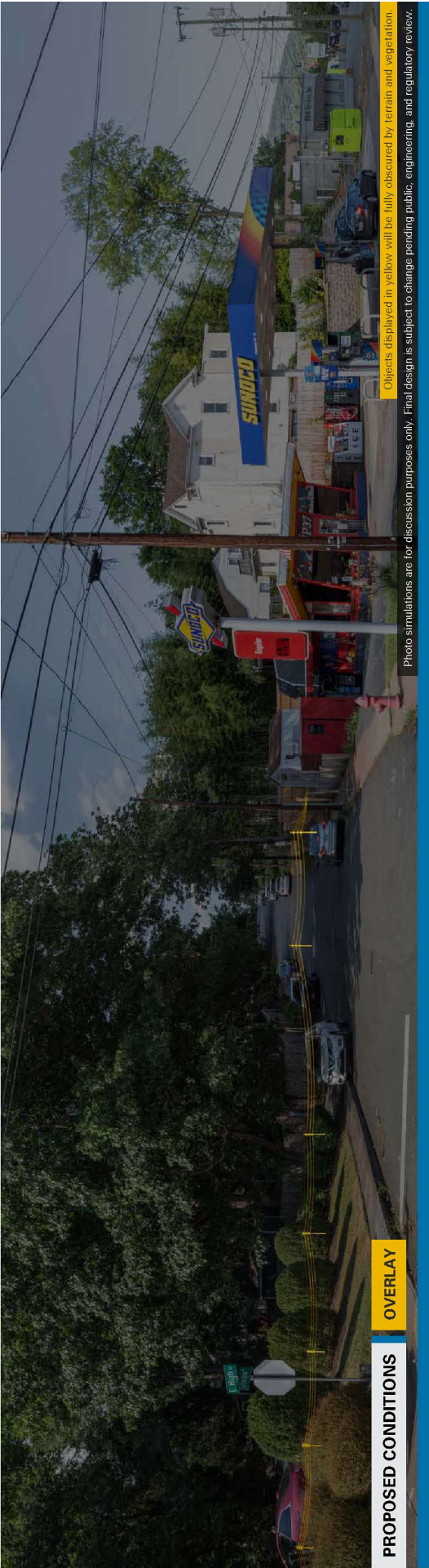
Date: 06/27/2024 Time: 4:03 pm Viewing Direction: Northwest
DHR ID: 002-1260 Property Name: Woolen Mills Village Historic District
Viewpoint Location Transmission Line Substation







EXISTING CONDITIONS



PROPOSED CONDITIONS

OVERLAY

CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

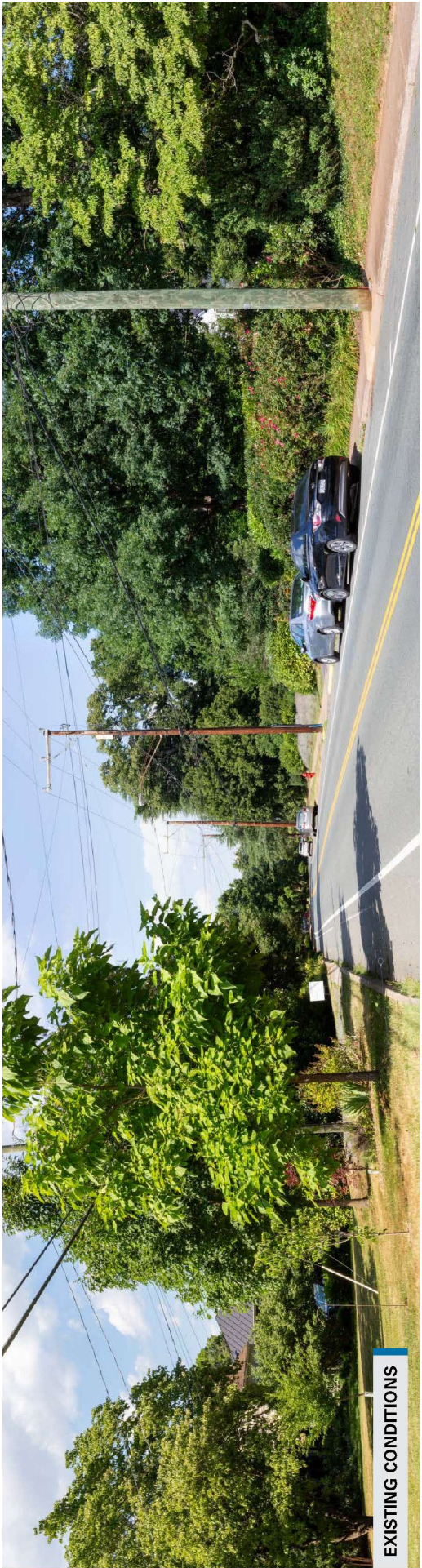
Viewpoint 2

Date: 06/27/2024 Time: 3:49 pm Viewing Direction: Northeast
DHR ID: 104-5361 Property Name: Little High Neighborhood Historic District

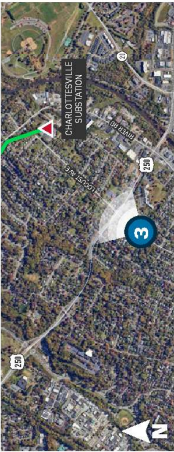
Viewpoint Location Transmission Line Substation



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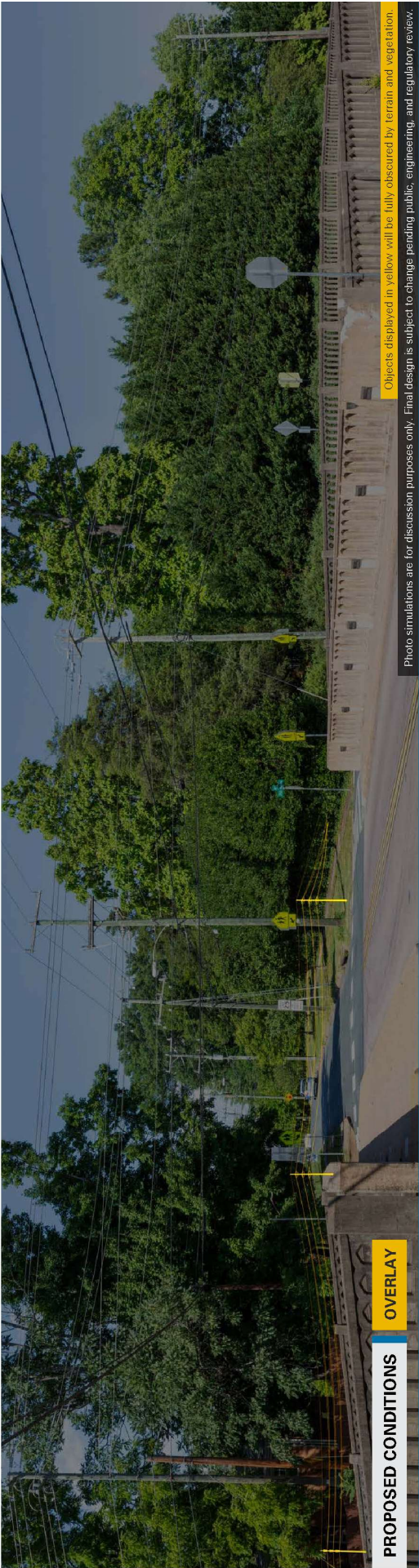
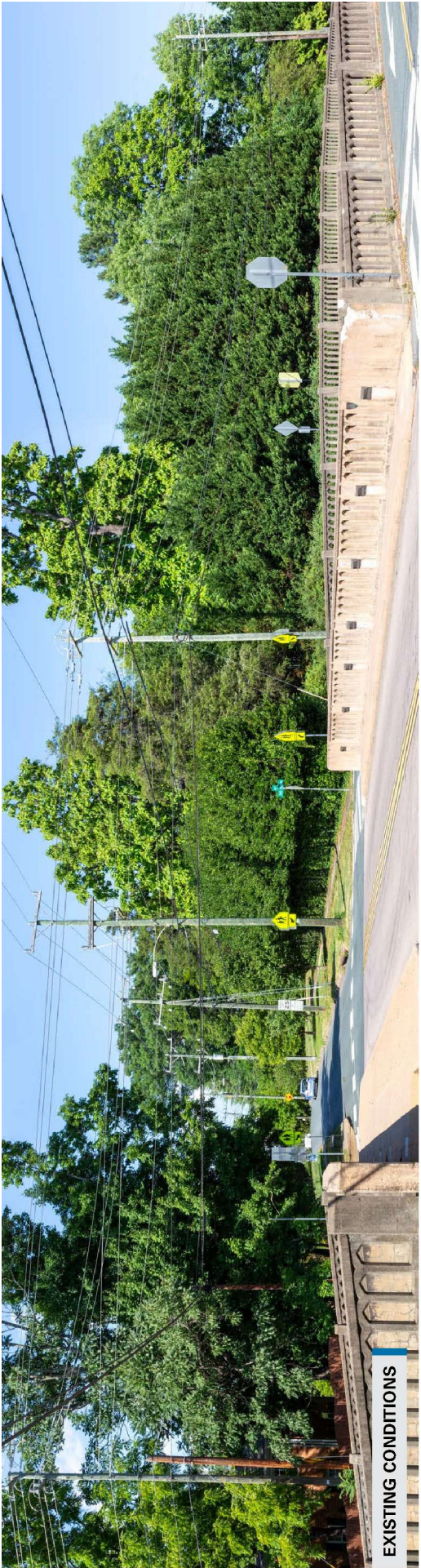
Viewpoint 3

Date: 06/27/2024 Time: 3:35 pm Viewing Direction: Northeast
DHR ID: 104-0005, 104-5144
Property Name: Locust Grove, Martha Jefferson Historic District
Viewpoint Location Transmission Line Substation

CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild



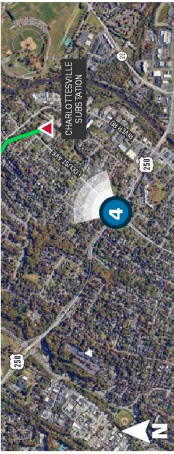


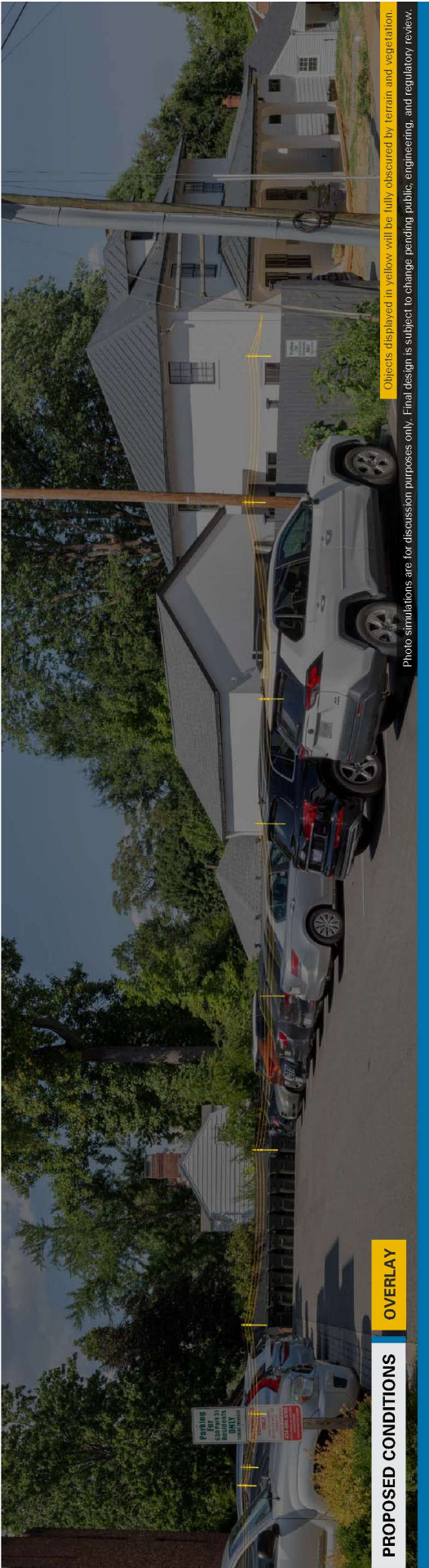
CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

Viewpoint 4

Date: 06/27/2024 Time: 3:41 pm Viewing Direction: Northeast
DHR ID: 104-5144 Property Name: Martha Jefferson Historic District
Viewpoint Location Transmission Line Substation





Viewpoint 5

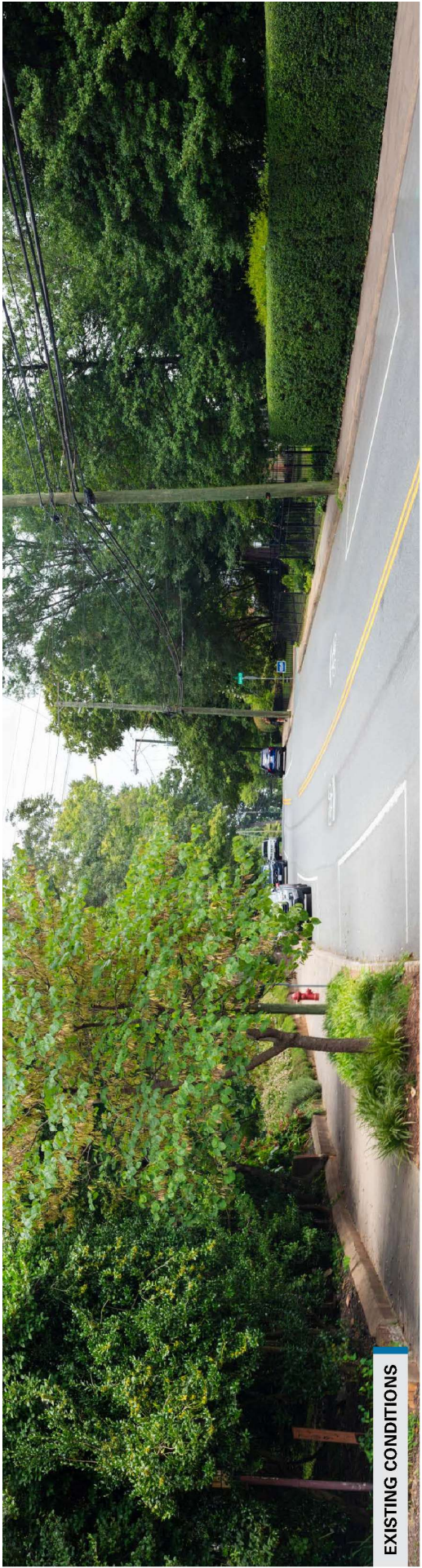
Date: 06/27/2024 Time: 3:25 pm Viewing Direction: Northeast
DHR ID: 104-5073, 104-0072 Property Name: Marshall-Rucker-Smith House,
Charlottesville and Albemarle County Courthouse Historic District
Viewpoint Location Transmission Line Substation

CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

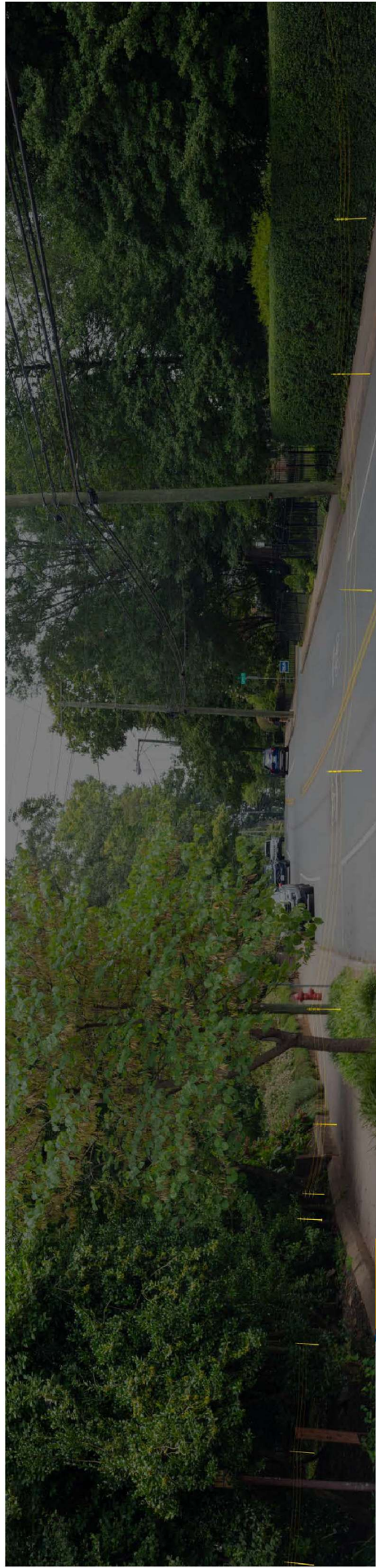


EXISTING CONDITIONS



PROPOSED CONDITIONS

OVERLAY



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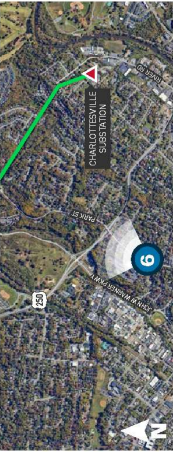
CHARLOTTESVILLE

- DOOMS

Lines #233 and #291 Rebuild

Viewpoint 6

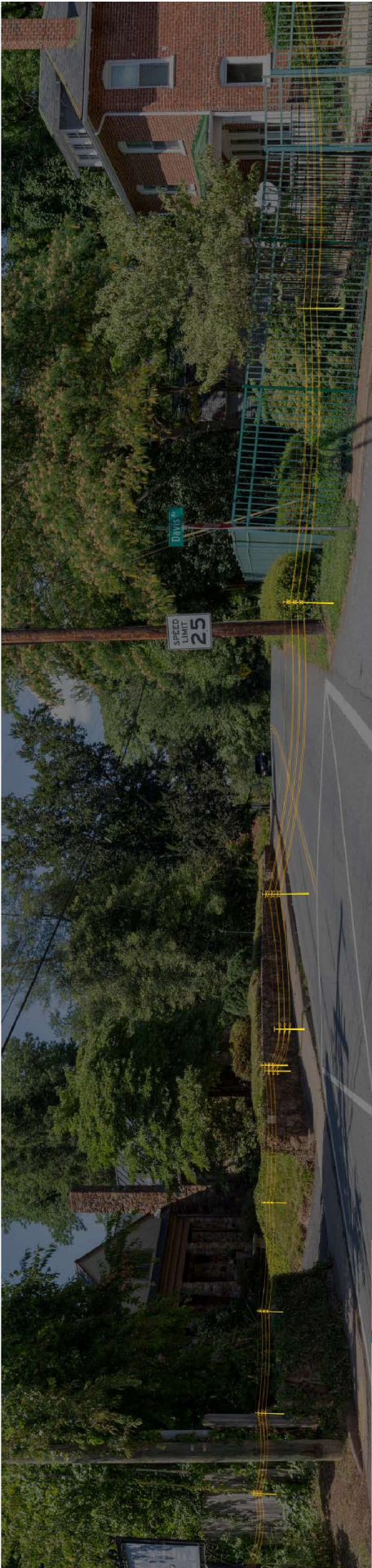
Date: 08/05/2024 Time: 2:12 pm Viewing Direction: Northeast
DHR ID: 104-5074, 104-0072 Property Name: Judge William J. Robertson House, Charlottesville and Albemarle County Courthouse Historic District
Viewpoint Location Transmission Line Substation







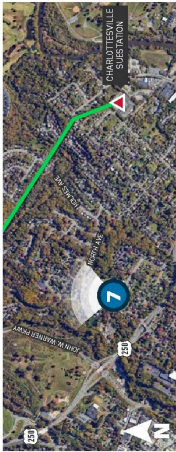
EXISTING CONDITIONS



OVERLAY

PROPOSED CONDITIONS

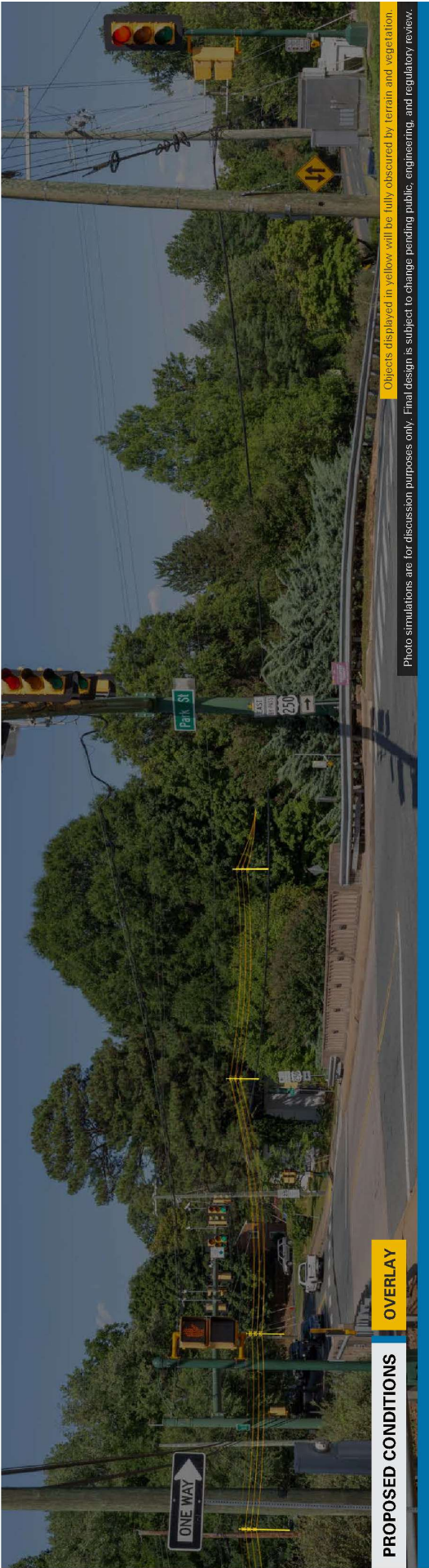
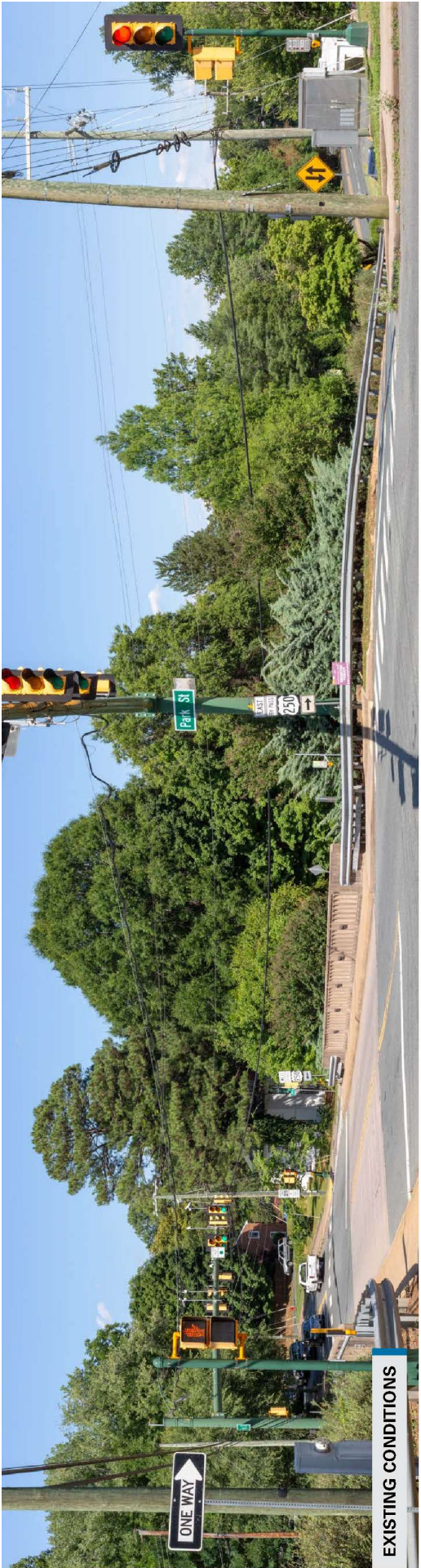
Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.



Viewpoint 7
Date: 06/27/2024 Time: 2:27 pm Viewing Direction: North
DHR ID: 104-0202 Property Name: Enderly
Viewpoint Location Transmission Line Substation

**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild





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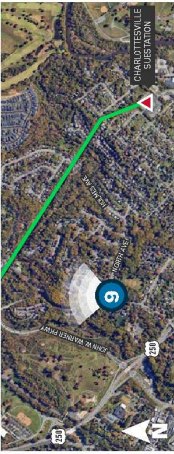
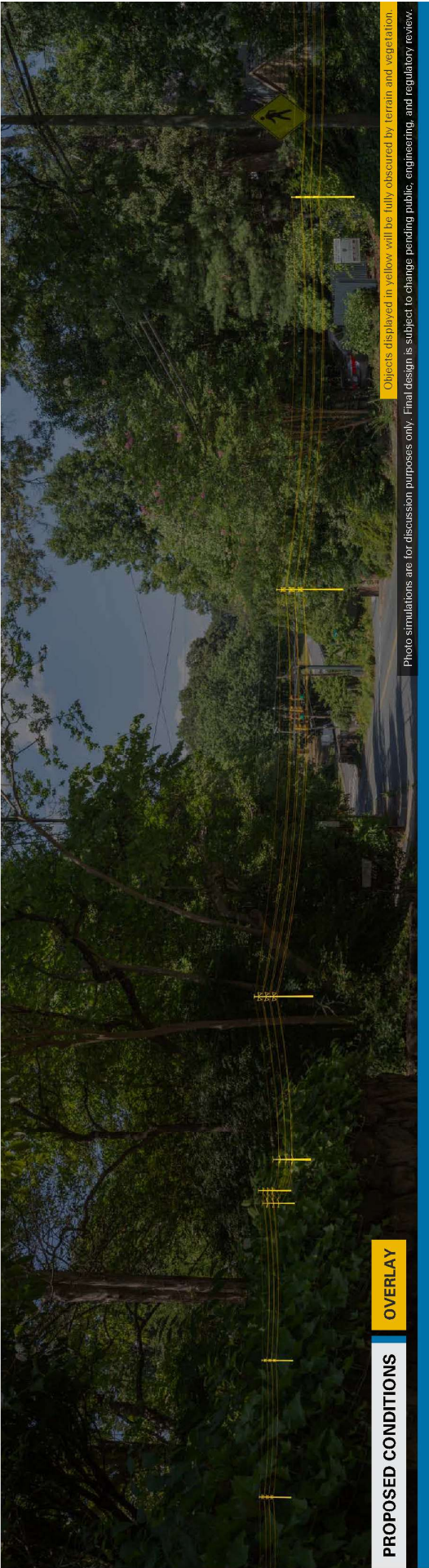
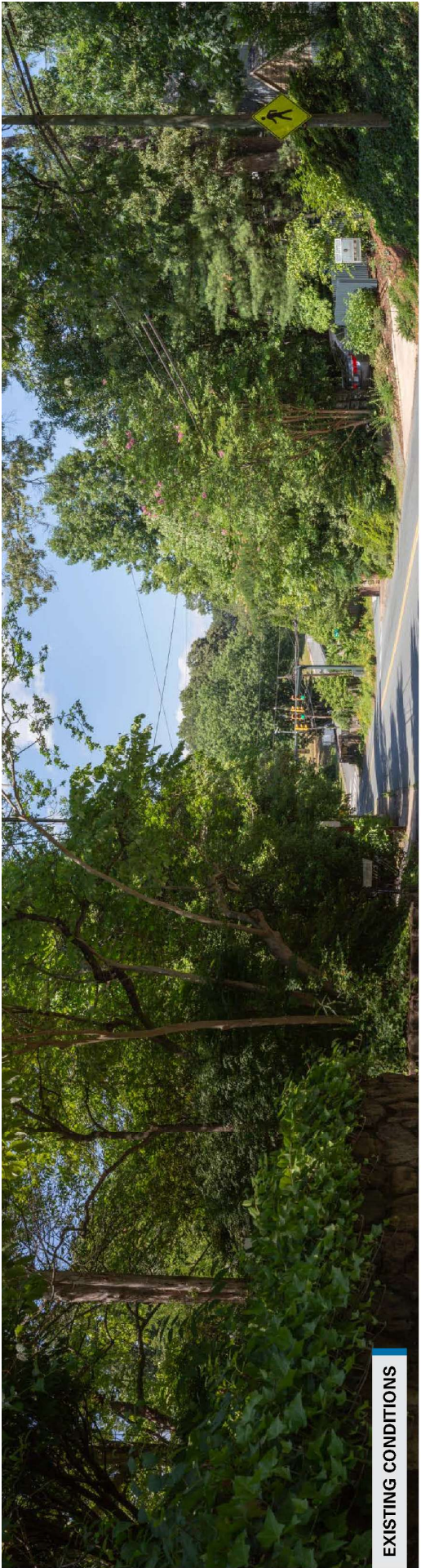
CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

Viewpoint 8

Date: 06/27/2024 Time: 3:15 pm Viewing Direction: East
DHR ID: 104-0072 Property Name: Charlottesville-Albemarle Courthouse District
Viewpoint Location Transmission Line Substation



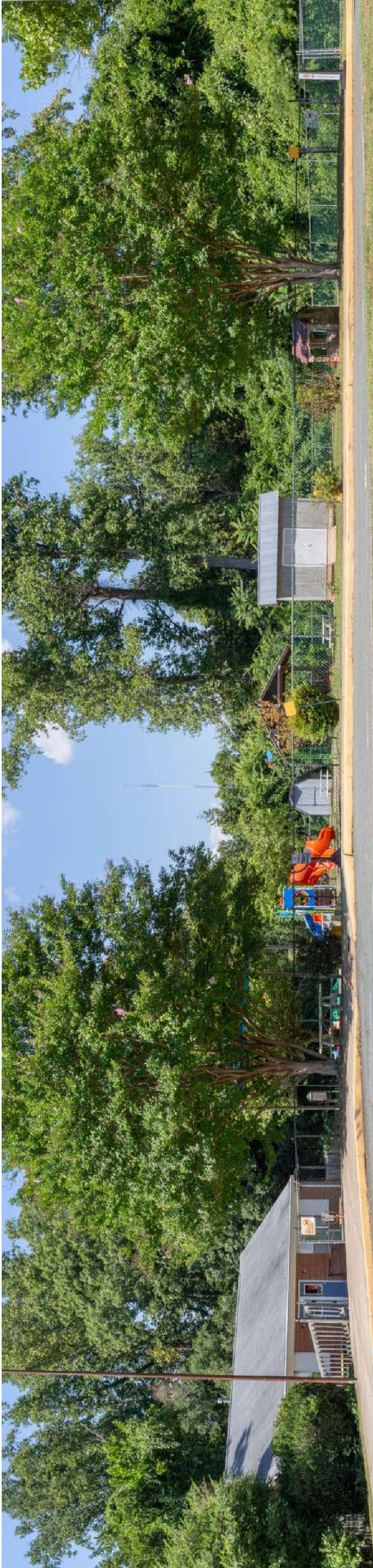


Viewpoint 9
Date: 06/27/2024 Time: 2:21 pm Viewing Direction: North
DHR ID: 104-0210 Property Name: Hard Bargain
Viewpoint Location Transmission Line Substation

**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

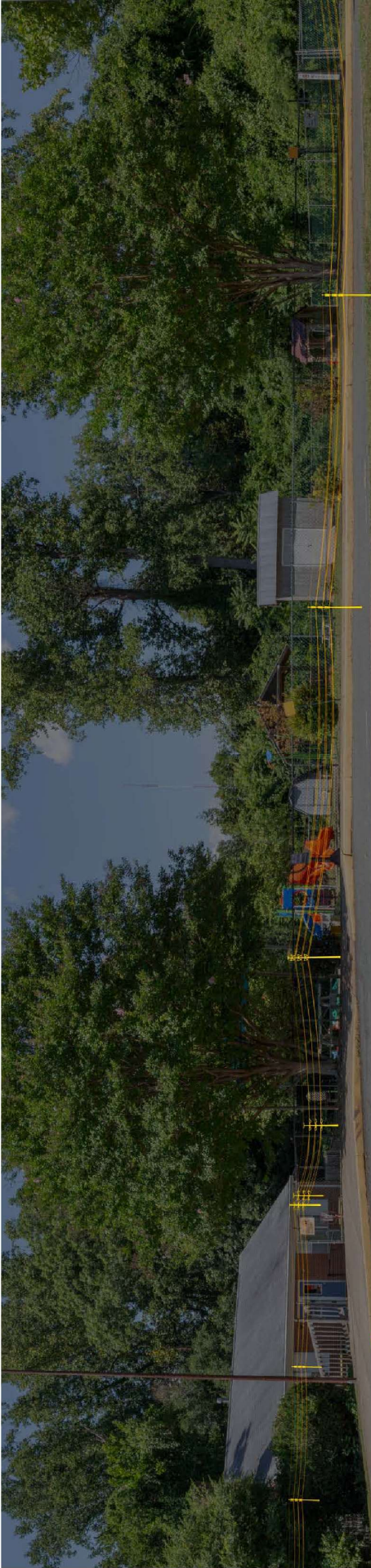


EXISTING CONDITIONS



PROPOSED CONDITIONS

OVERLAY



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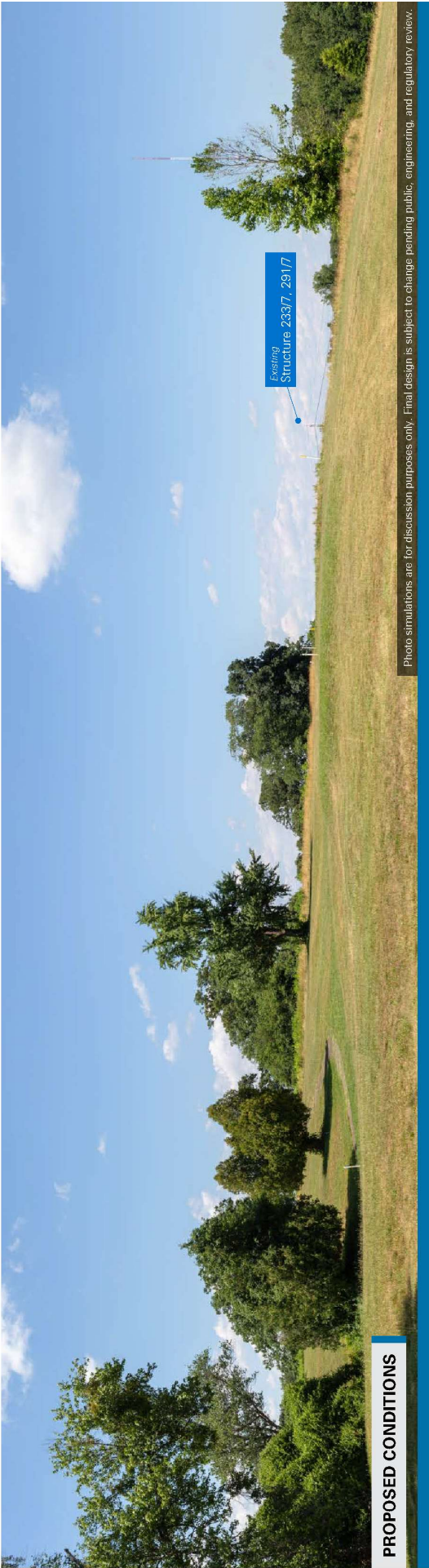
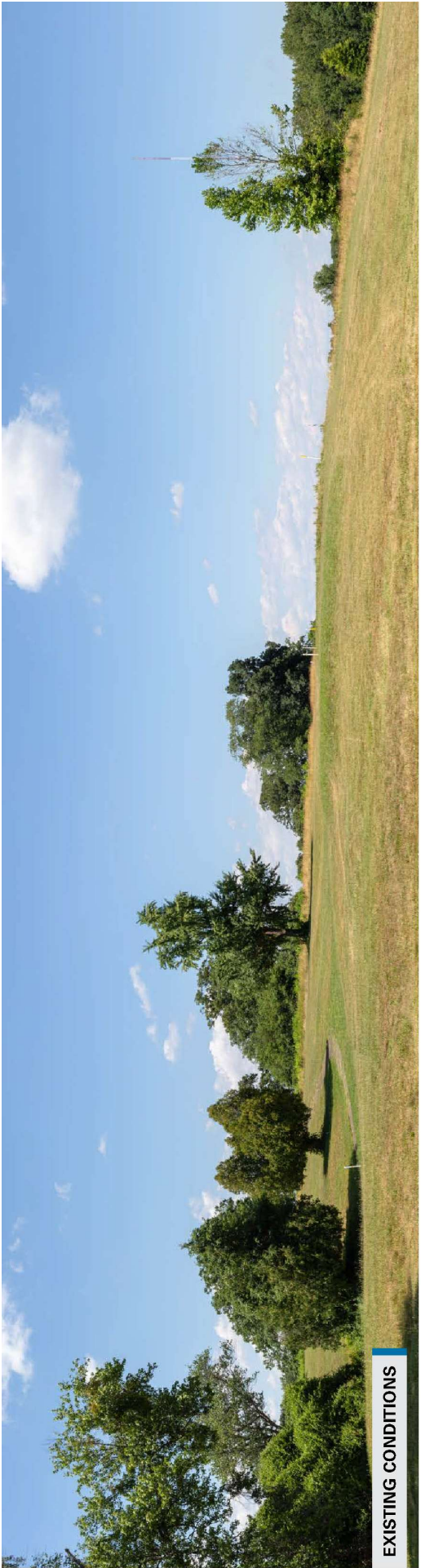


**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

Viewpoint 10

Date: 06/27/2024 Time: 2:32 pm Viewing Direction: North
DHR ID: 104-5137 Property Name: Rock Hill Academy Landscape
Viewpoint Location Transmission Line Substation





CHARLOTTESVILLE - DOOMS

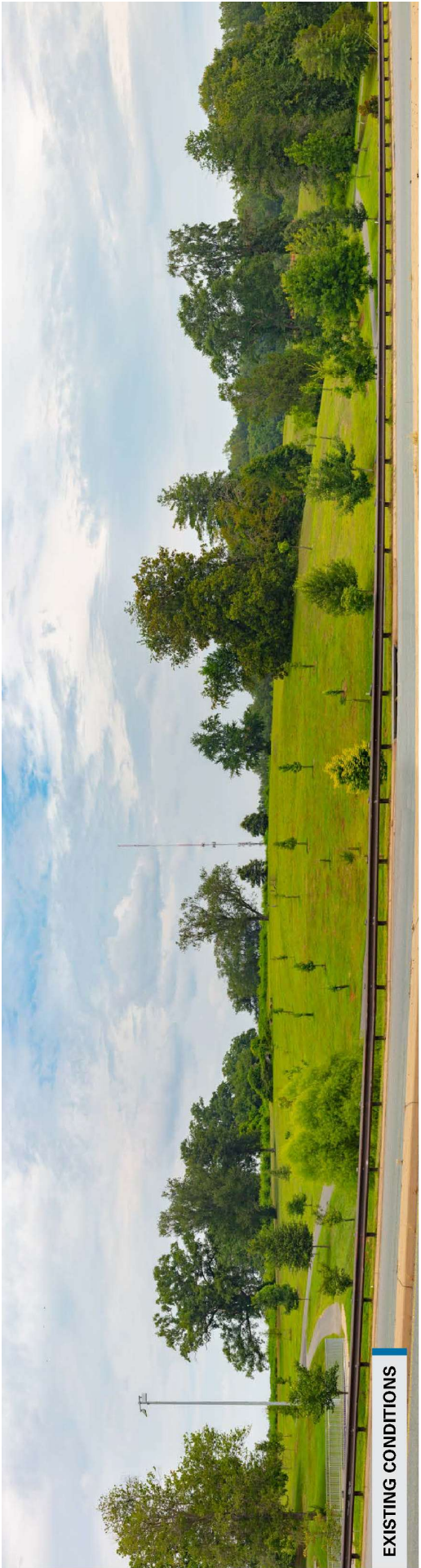
Lines #233 and #291 Rebuild

Viewpoint 11

Date: 06/27/2024 Time: 2:09 pm Viewing Direction: North
DHR ID: 104-5102 Property Name: Melhite Golf Course
Viewpoint Location Transmission Line

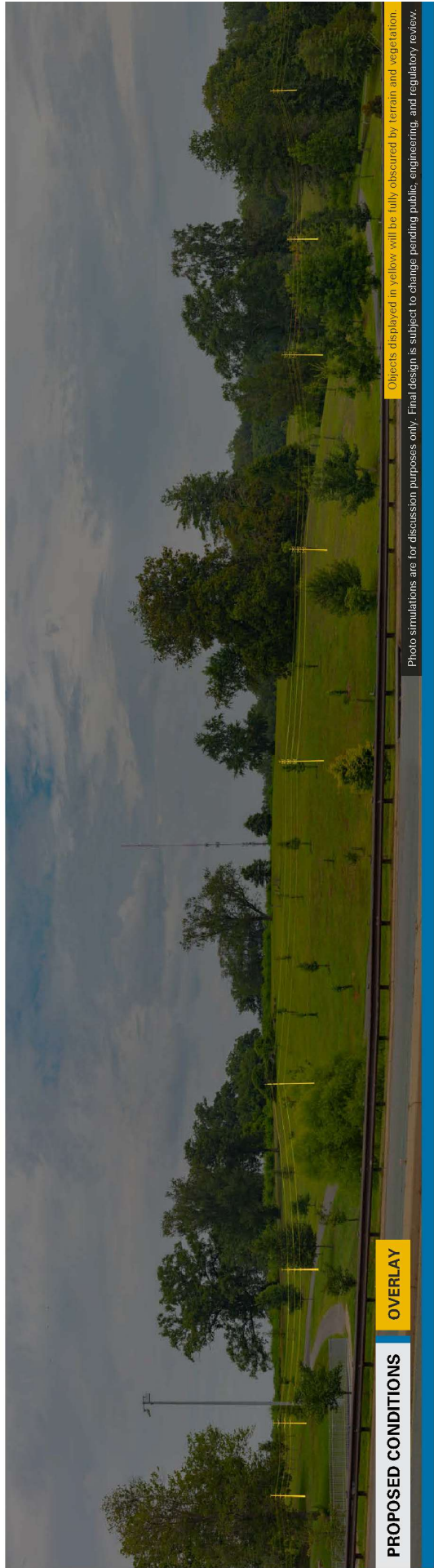


EXISTING CONDITIONS



PROPOSED CONDITIONS

OVERLAY



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CHARLOTTESVILLE
- DOOMS

Lines #233 and #291 Rebuild

Viewpoint 12

Date: 08/05/2024 Time: 1:46 pm Viewing Direction: Northeast

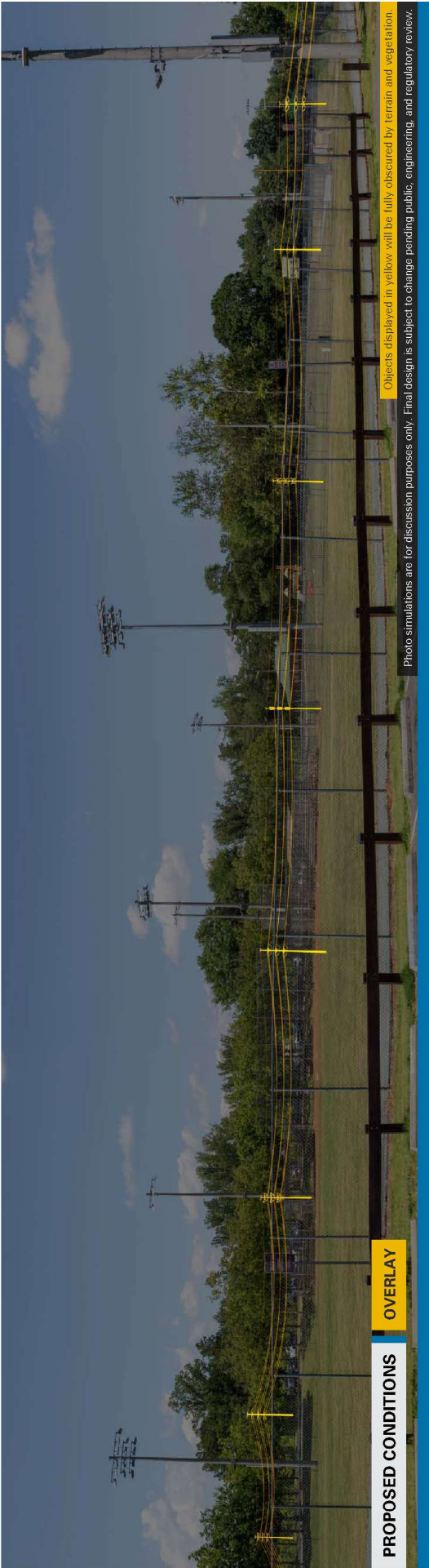
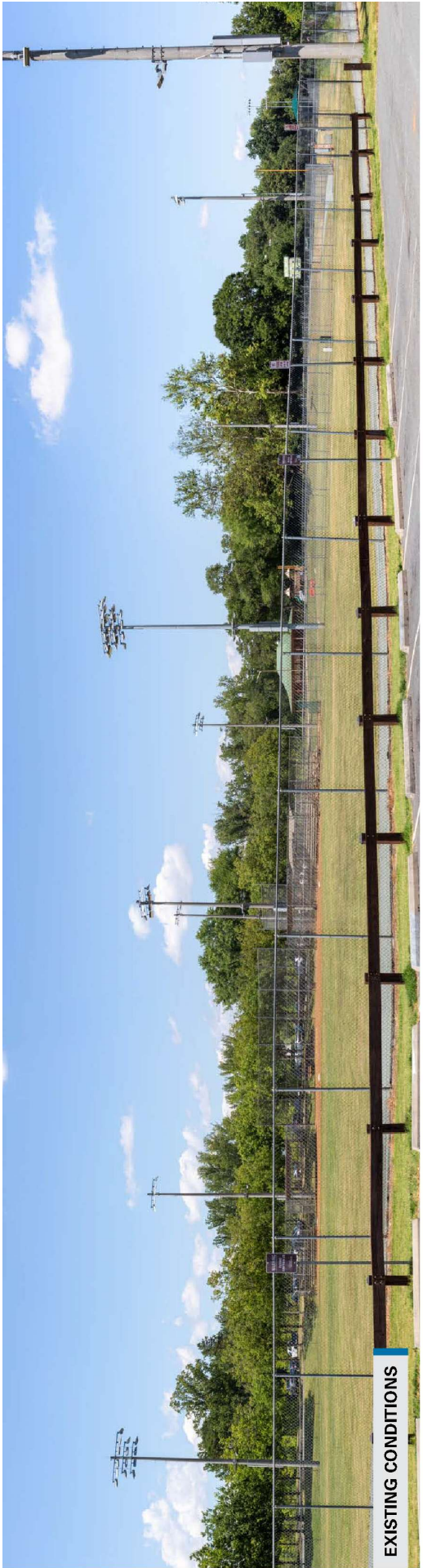
DHR ID: 104-0120 Property Name: Covenant School, McIntire School

Viewpoint Location Transmission Line Substation





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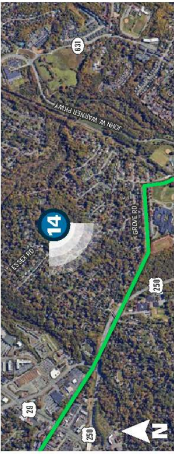
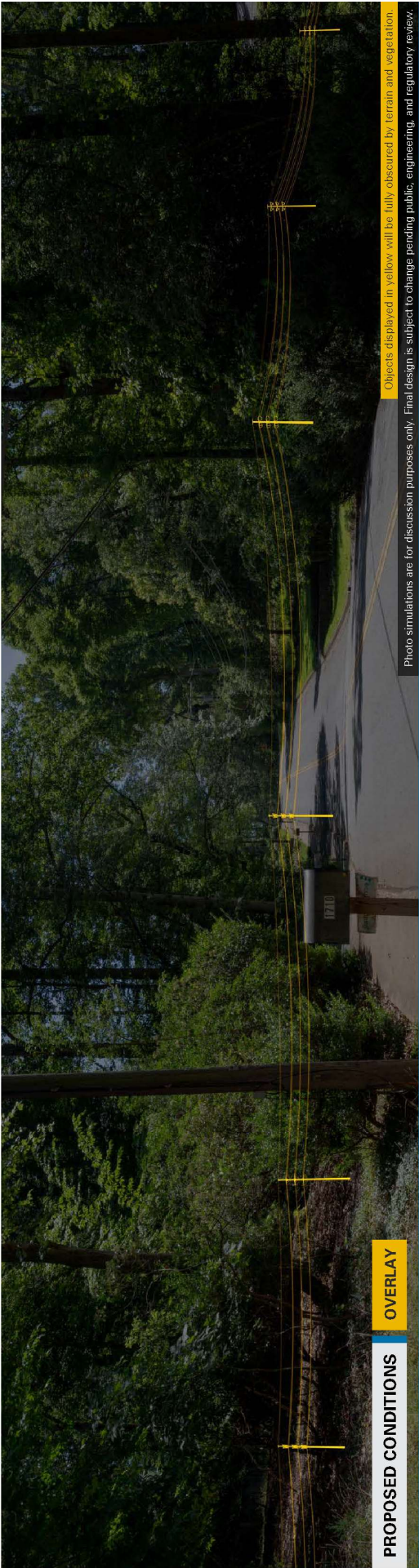
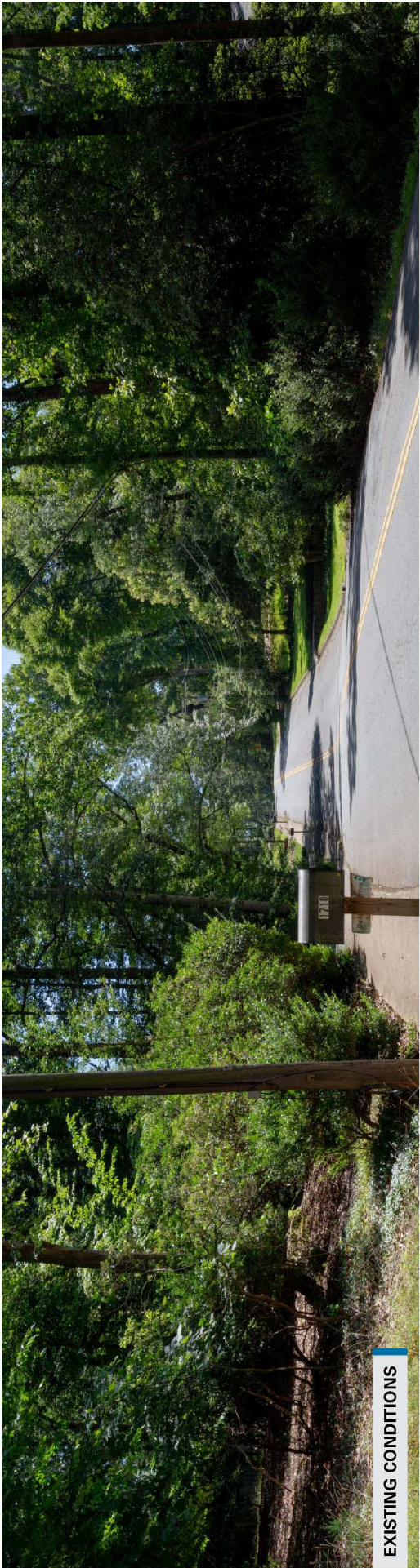
CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

Viewpoint 13

Date: 06/27/2024 Time: 1:44 pm Viewing Direction: North
DHR ID: 104-5139 Property Name: Melhite Municipal Park
13 Viewpoint Location — Transmission Line





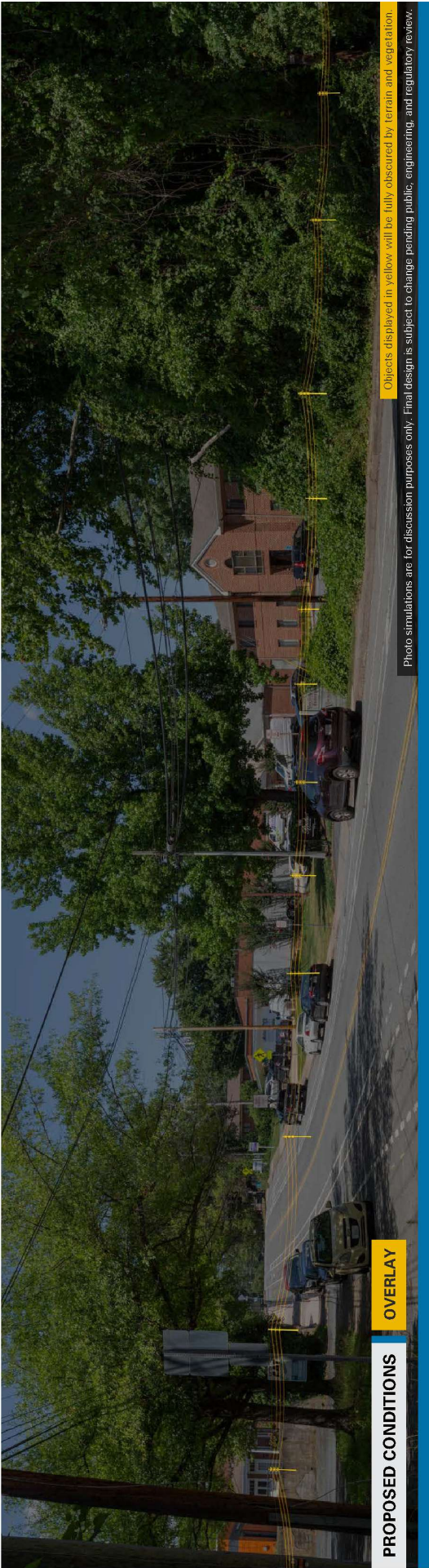
CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

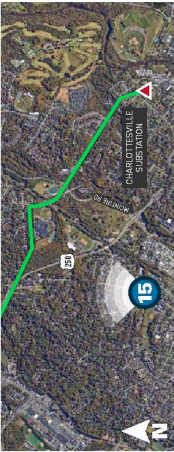
Viewpoint 14

Date: 06/27/2024 Time: 1:33 pm Viewing Direction: Southwest
DHR ID: 104-5995 Property Name: Thomas and Alena Hammond House
Viewpoint Location Transmission Line





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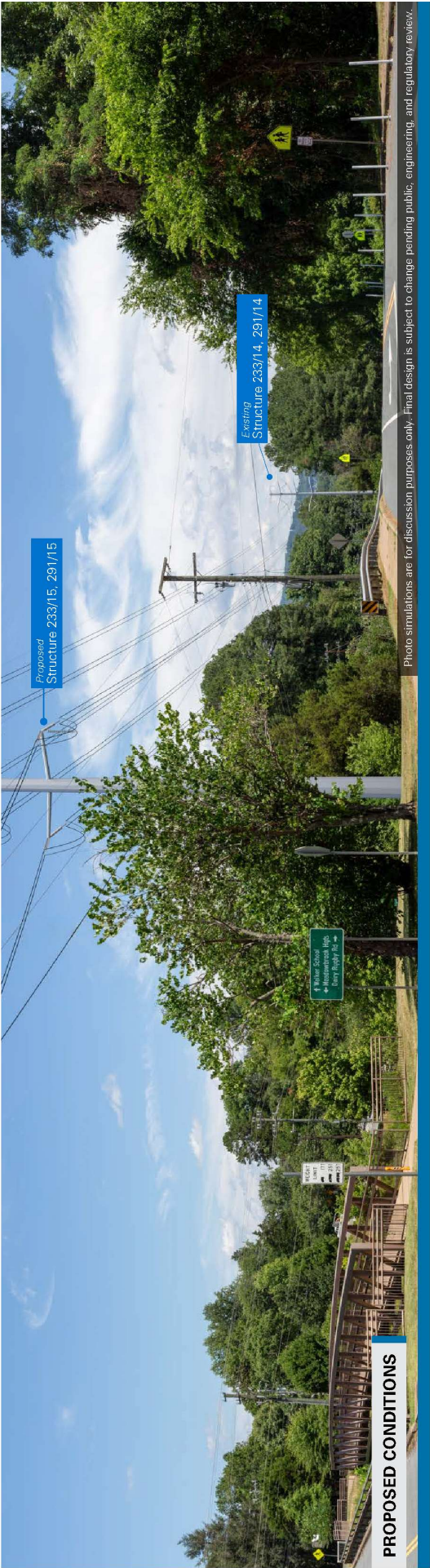
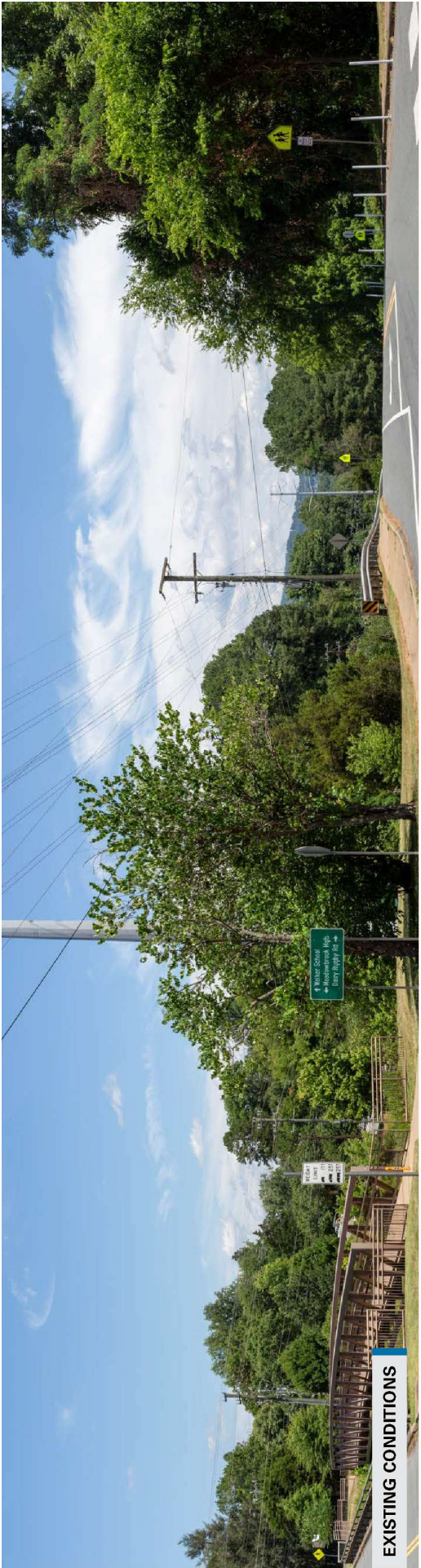
CHARLOTTEVILLE - DOOMS

Lines #233 and #291 Rebuild

Viewpoint 15

Date: 06/27/2024 Time: 1:52 pm Viewing Direction: North
DHR ID: 104-5276 Property Name: Rose Hill Historic District
Viewpoint Location Transmission Line Substation



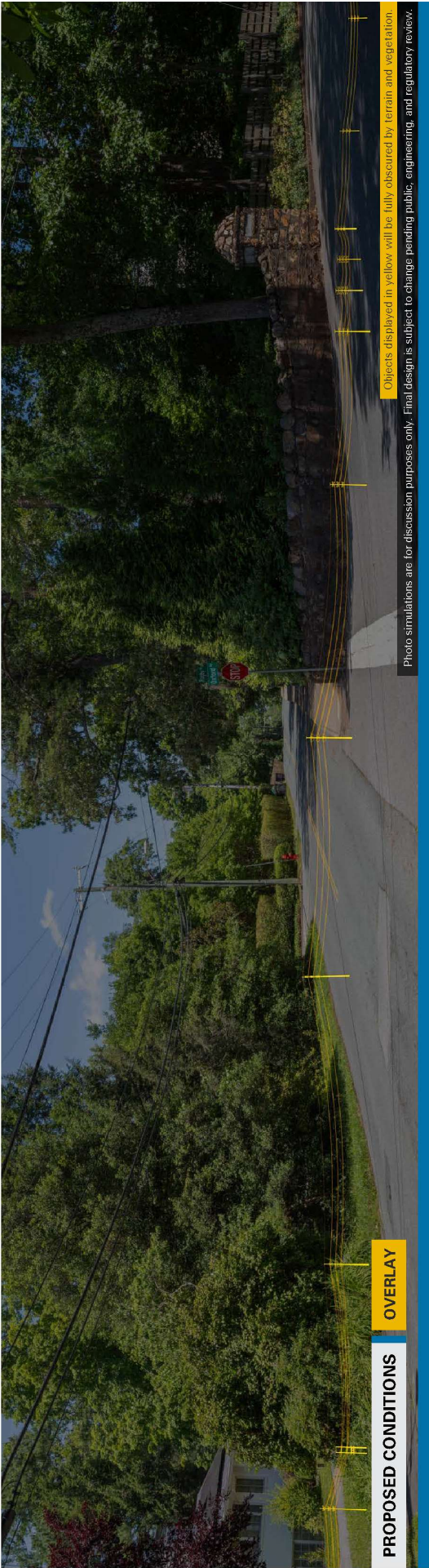
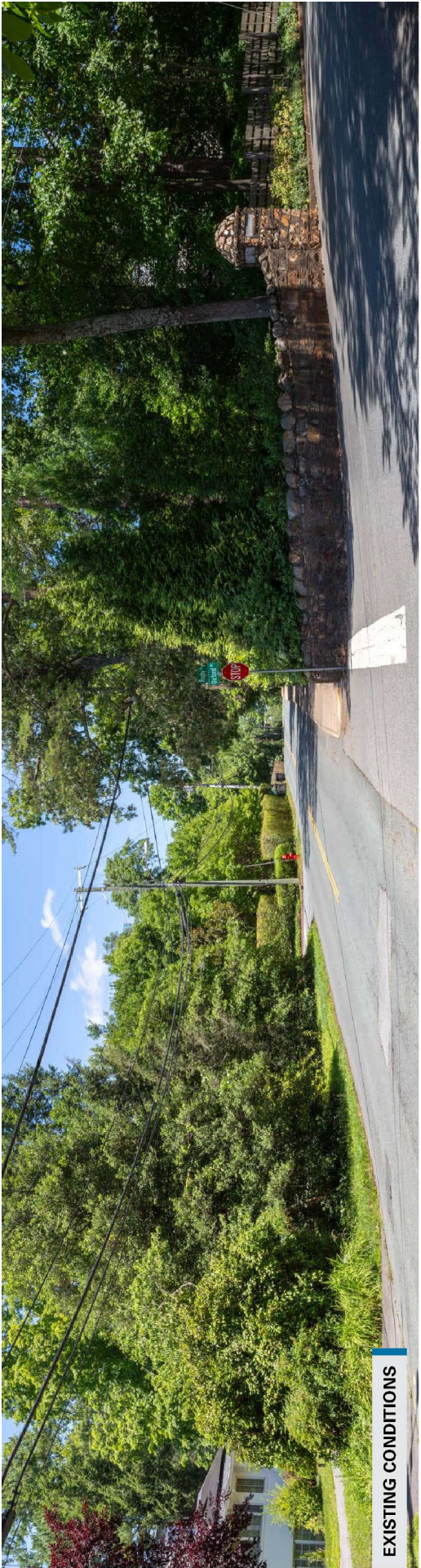


**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

Viewpoint 16

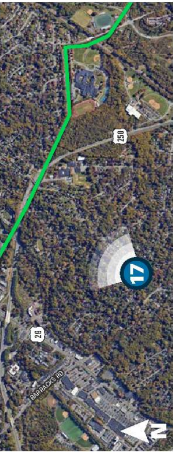
Date: 06/27/2024 Time: 1:13 pm Viewing Direction: East
DHR ID: 104-5394 Property Name: Meadowbrook Hills Historic District
Viewpoint Location Transmission Line





Viewpoint 17

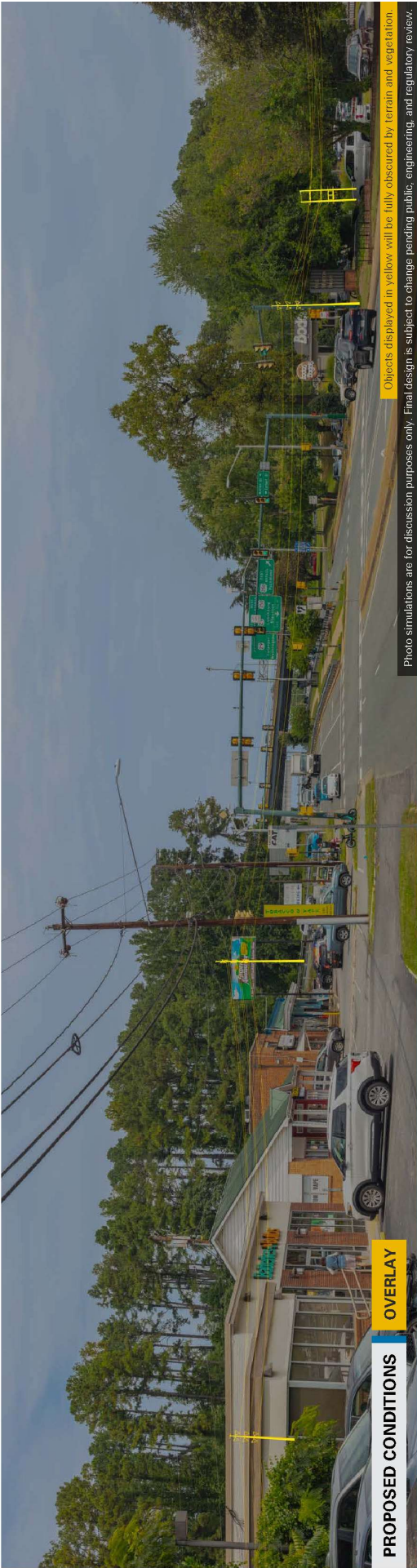
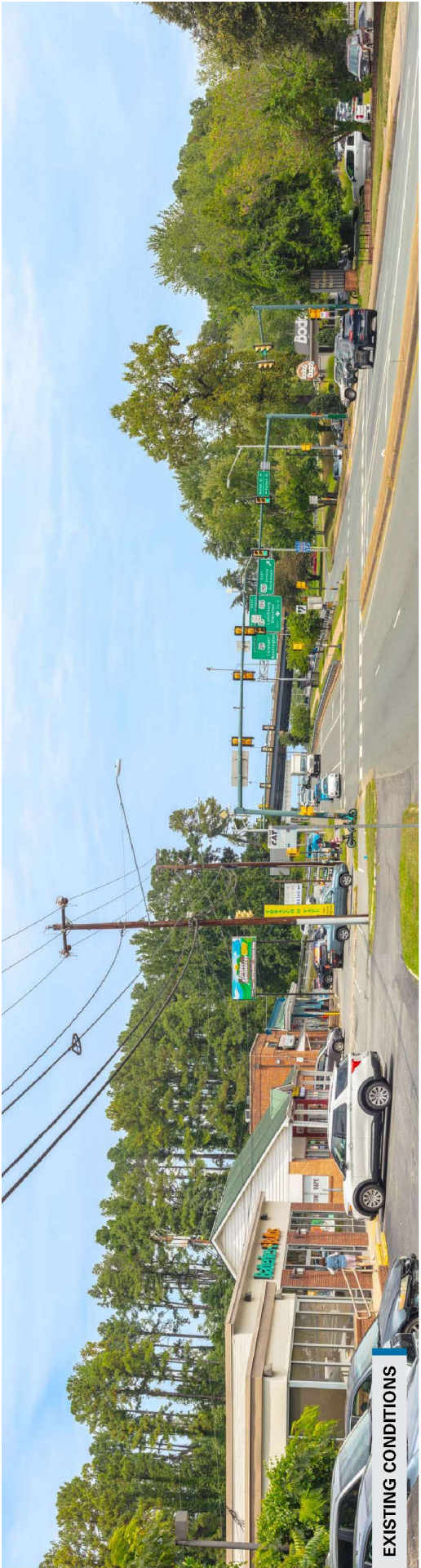
Date: 06/27/2024 Time: 1:22 pm Viewing Direction: Northeast
DHR ID: 104-5094, 104-0244, 104-5143, 104-5394, 104-5393
Property Name: Stonefield, Four Acres, Bancroft, Meadowbrook Hills
Historic District, Rugby Hills - Barracks Road Historic District
Viewpoint Location — Transmission Line



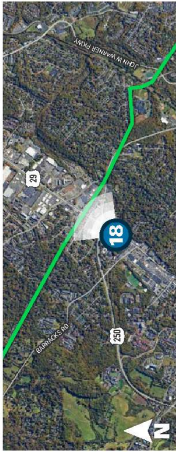
CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild





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CHARLOTTEVILLE - DOOMS

Lines #233 and #291 Rebuild

Viewpoint 18

Date: 08/05/2024 Time: 1:20 pm Viewing Direction: Northeast
DHR ID: 104-5186 Property Name: Federal Executive Institute
Viewpoint Location Transmission Line



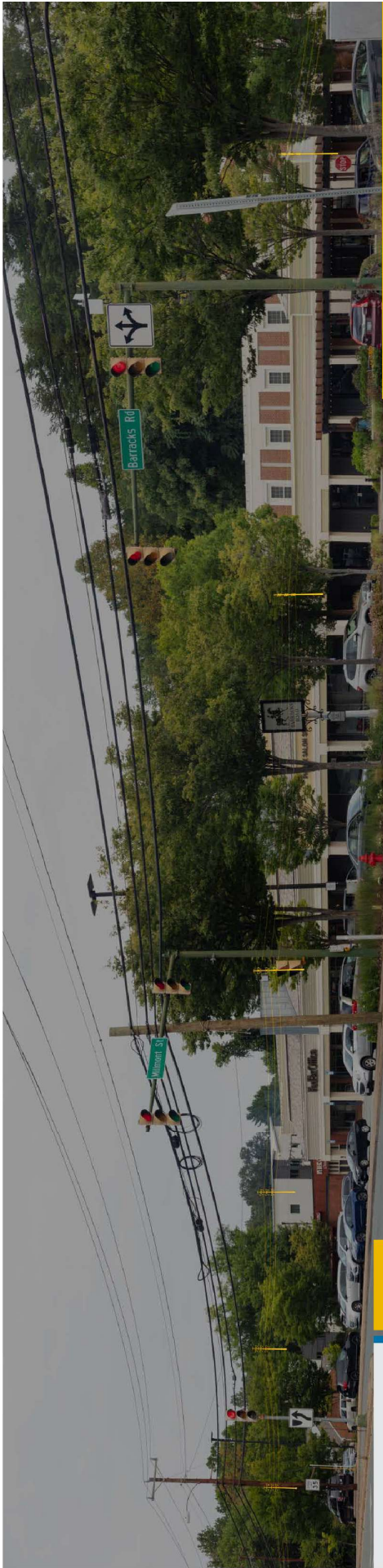


Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.



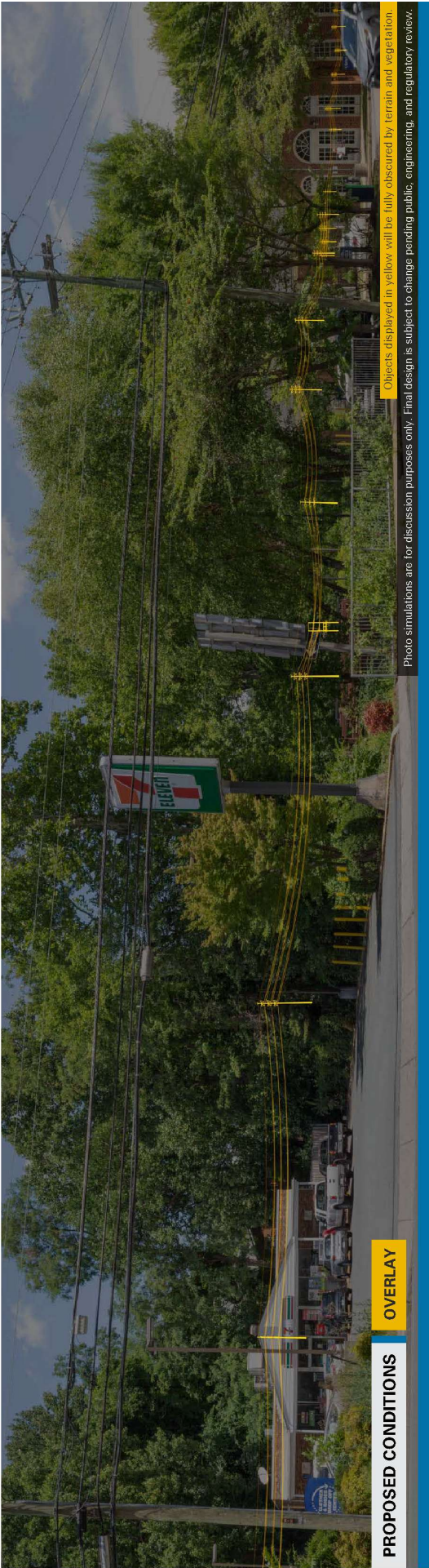
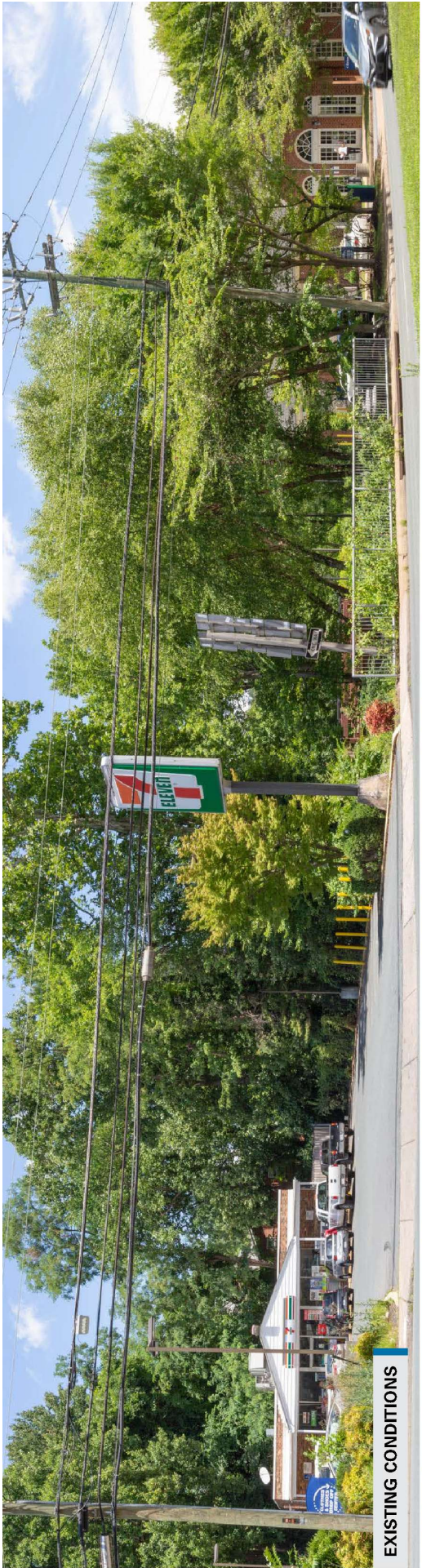
CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

Viewpoint 19

Date: 08/05/2024 Time: 12:35 pm Viewing Direction: North
DHR ID: 104-5344 Property Name: Barracks Road Shopping Center
19 Viewpoint Location Transmission Line





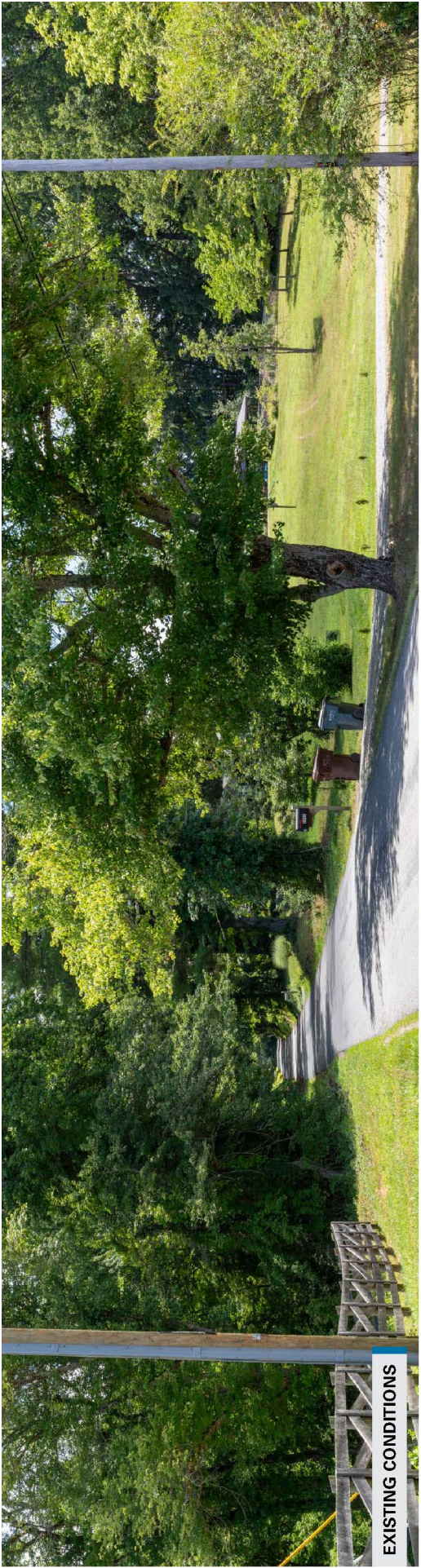
CHARLOTTESVILLE – DOOMS

Lines #233 and #291 Rebuild

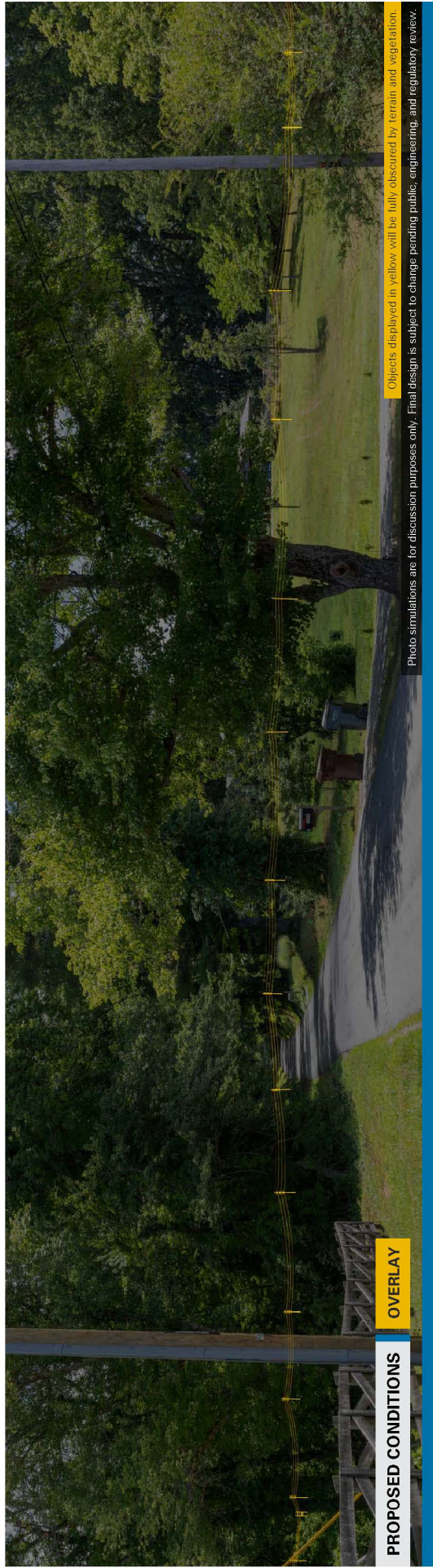
Viewpoint 20
Date: 06/27/2024 Time: 12:49 pm Viewing Direction: East
DHR ID: 104-0006 Property Name: Sunnyside
Viewpoint Location Transmission Line



EXISTING CONDITIONS



PROPOSED CONDITIONS



OVERLAY

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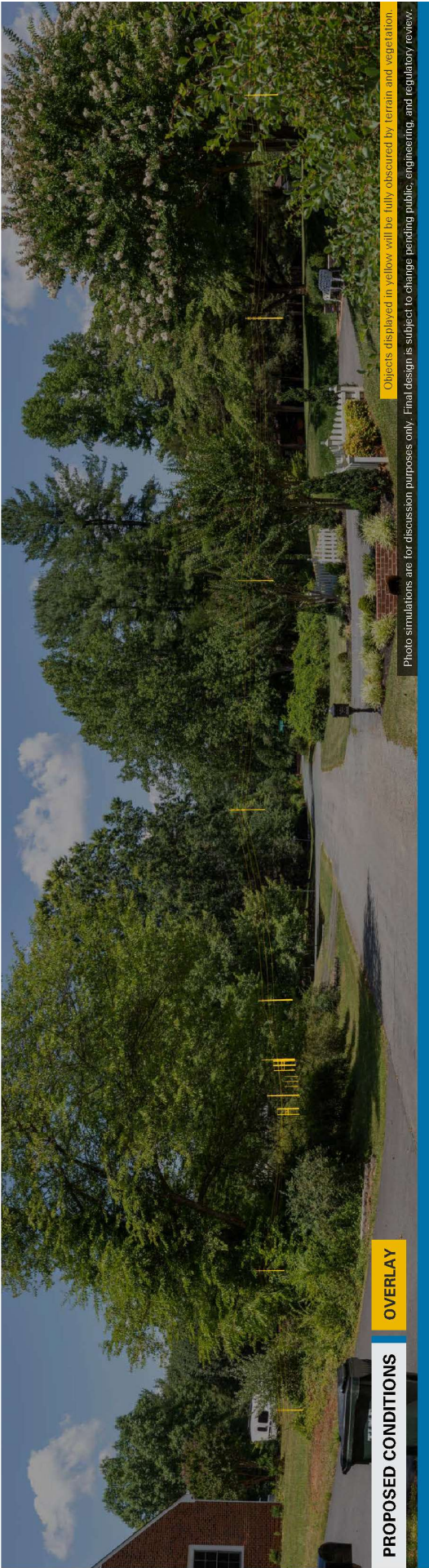
CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

Viewpoint 21

Date: 06/27/2024 Time: 12:37 pm Viewing Direction: Southwest
DHR ID: 002-5193 Property Name: Sammons House and Cemetery
Viewpoint Location Transmission Line





CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

Viewpoint 22

Date: 06/27/2024 Time: 12:21 pm Viewing Direction: North
DHR ID: 002-0925 Property Name: Westover

Viewpoint Location Transmission Line Substation

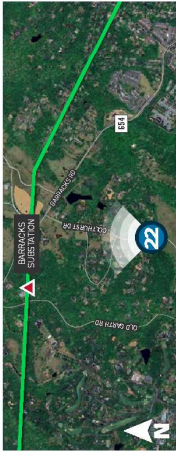


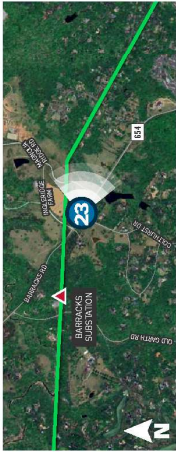


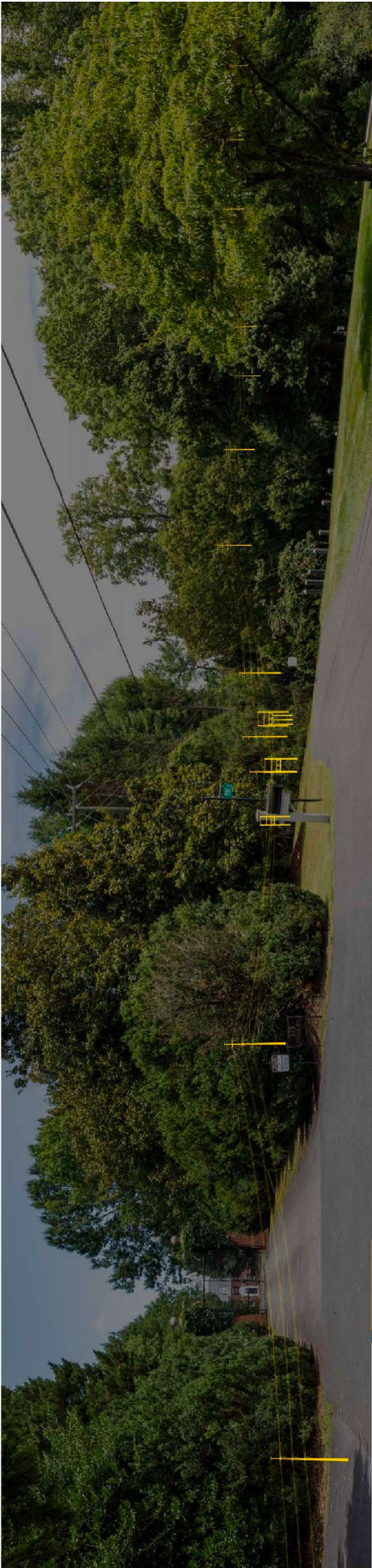
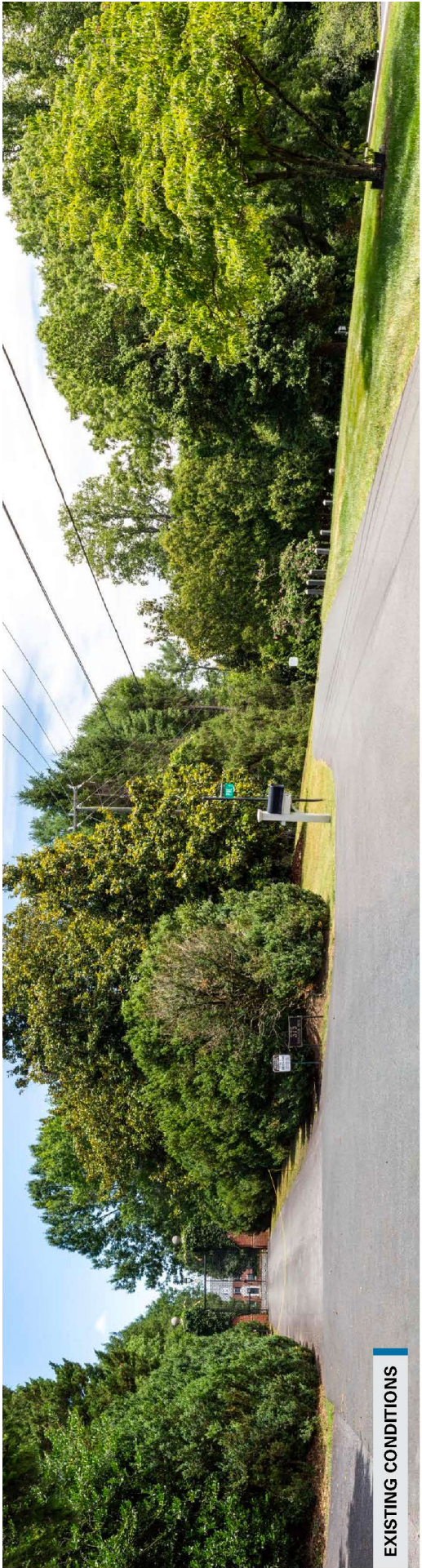
Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

Viewpoint 23

Date: 08/05/2025 Time: 11:40 am Viewing Direction: East
DHR ID: 002-1736 Property Name: Ingleridge Farm, Barracks Rd (Rt 654)
Viewpoint Location Transmission Line Substation





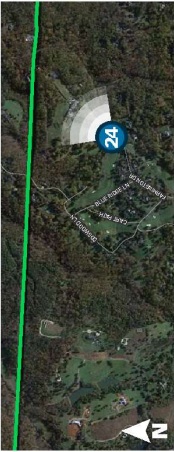
OVERLAY

Objects displayed in yellow will be fully disclosed by terrain and vegetation. Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

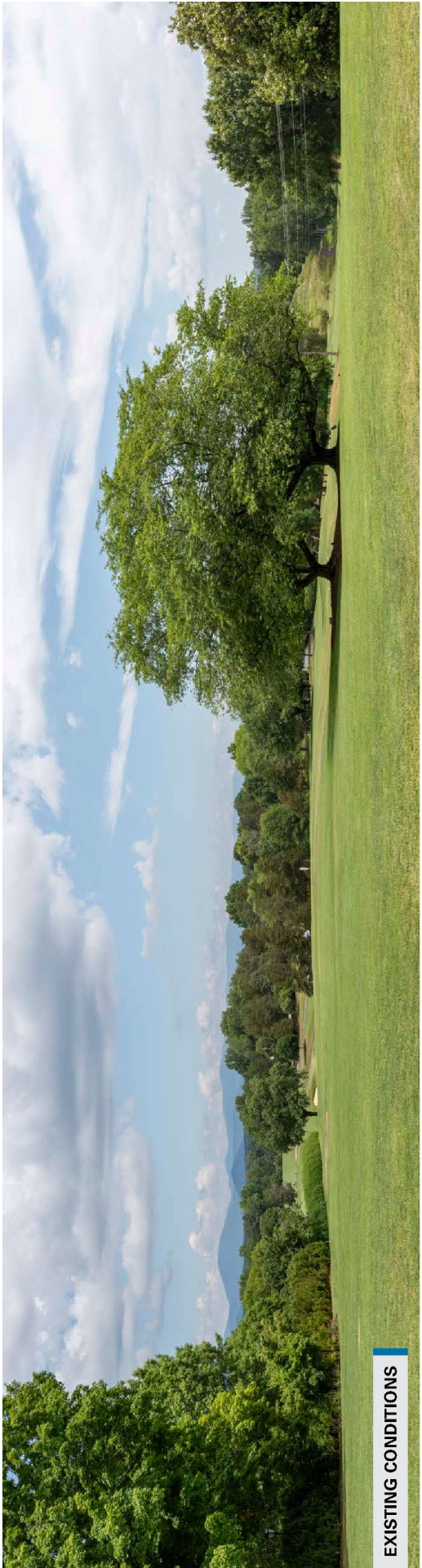
**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

Viewpoint 24

Date: 06/27/2024 Time: 11:51 am Viewing Direction: Northeast
DHR ID: 002-0808, 002-5153
Property Name: Gallison Hall, Farmington Historic District
Viewpoint Location Transmission Line



EXISTING CONDITIONS



PROPOSED CONDITIONS

OVERLAY

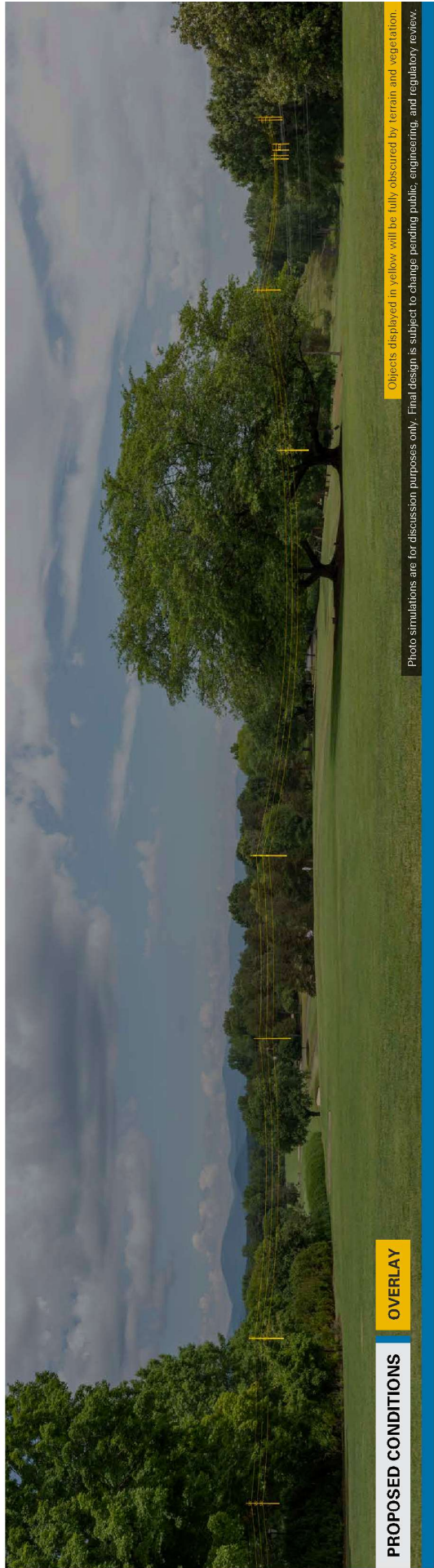


Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.

Objects displayed in yellow will be fully obscured by terrain and vegetation.

CHARLOTTESVILLE

- DOOMS

Lines #233 and #291 Rebuild

Viewpoint 25

Date: 06/27/2024 Time: 10:48 am Viewing Direction: North

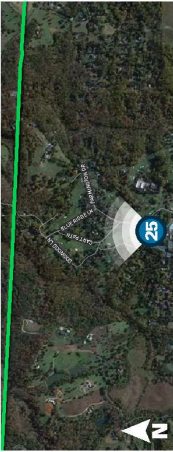
DHR ID: 002-0035, 002-5153

Property Name: Farmington, Farmington Historic District

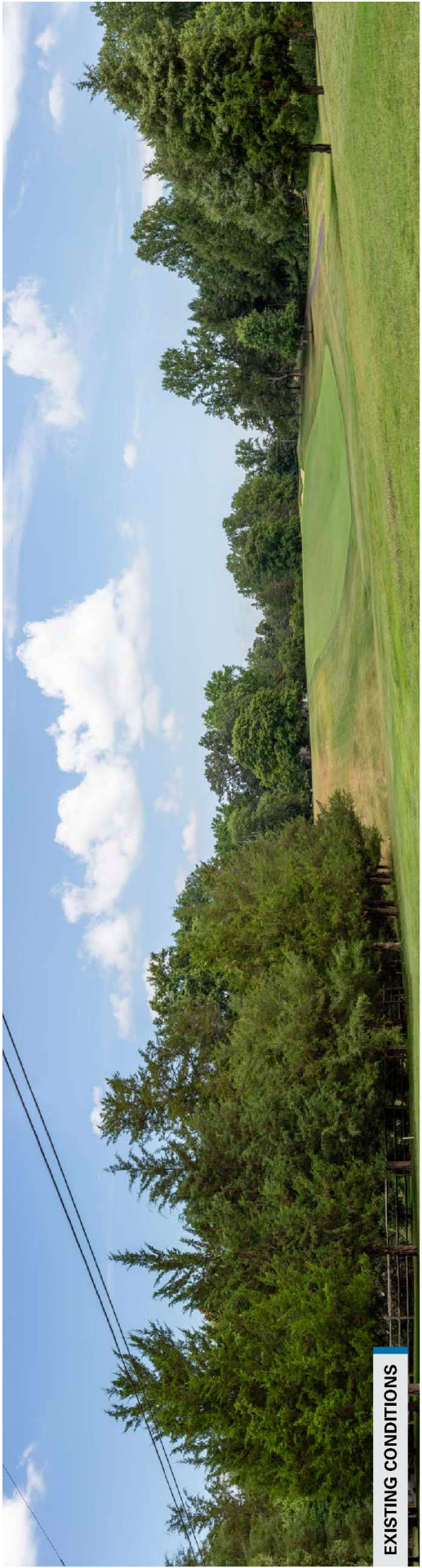
Viewpoint Location Transmission Line



Dominion Energy®

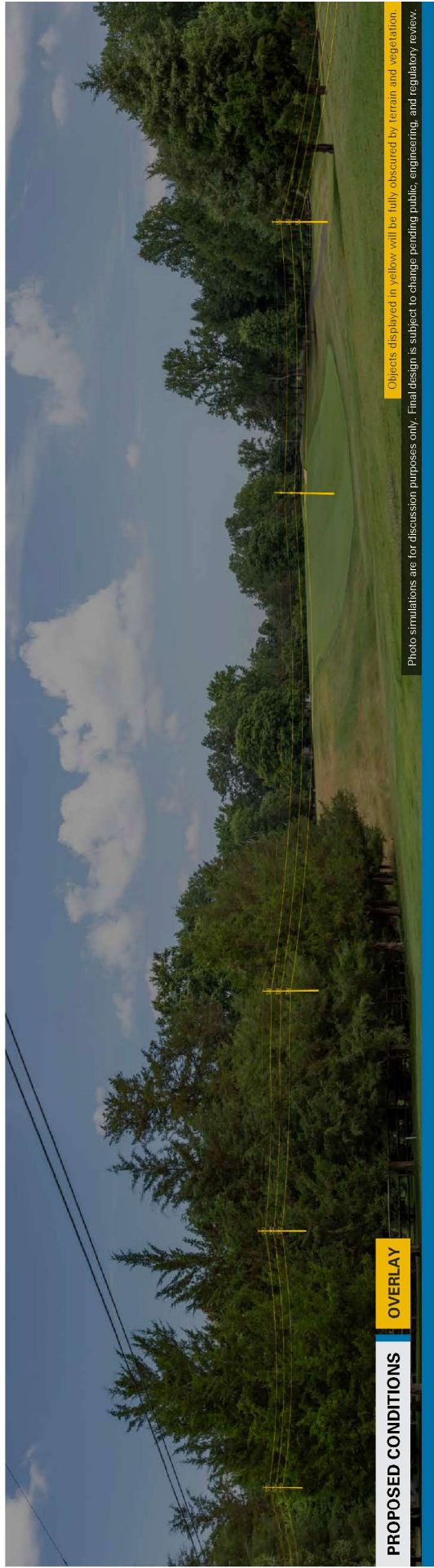


EXISTING CONDITIONS



PROPOSED CONDITIONS

OVERLAY



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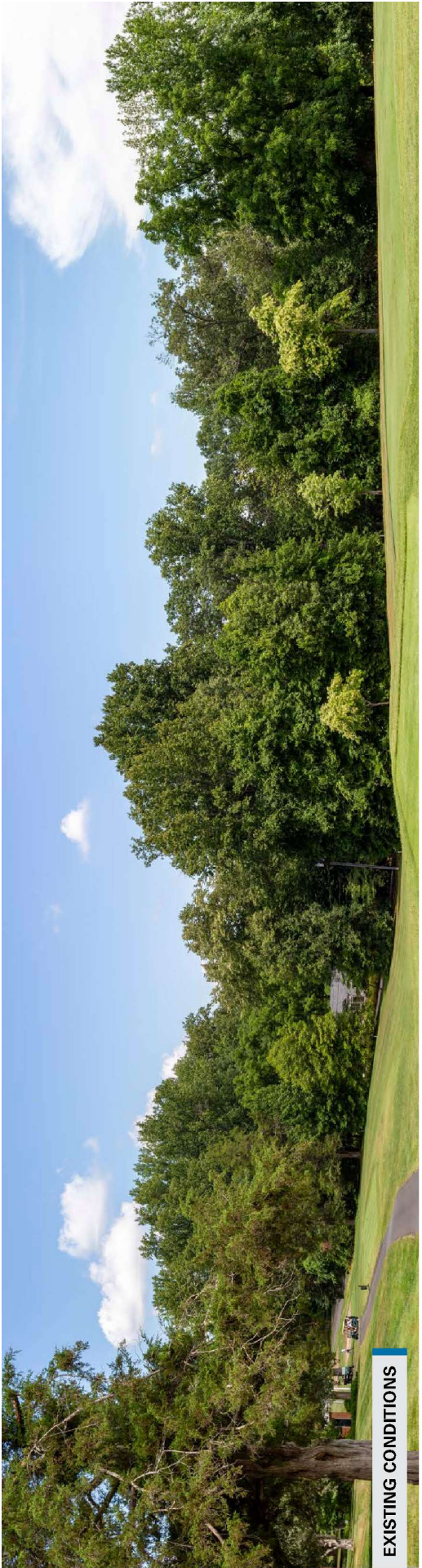


Viewpoint 26
Date: 06/27/2024 Time: 11:13 am Viewing Direction: North
DHR ID: 002-5035, 002-5153
Property Name: Colonel Vose Residences, Farmington Historic District
Viewpoint Location Transmission Line

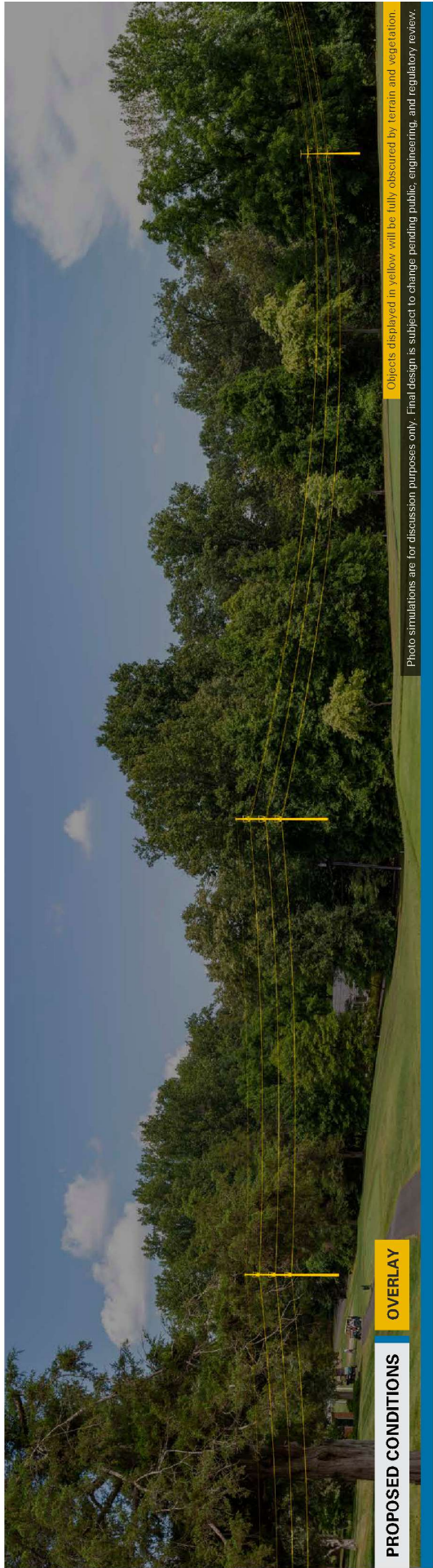
**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild



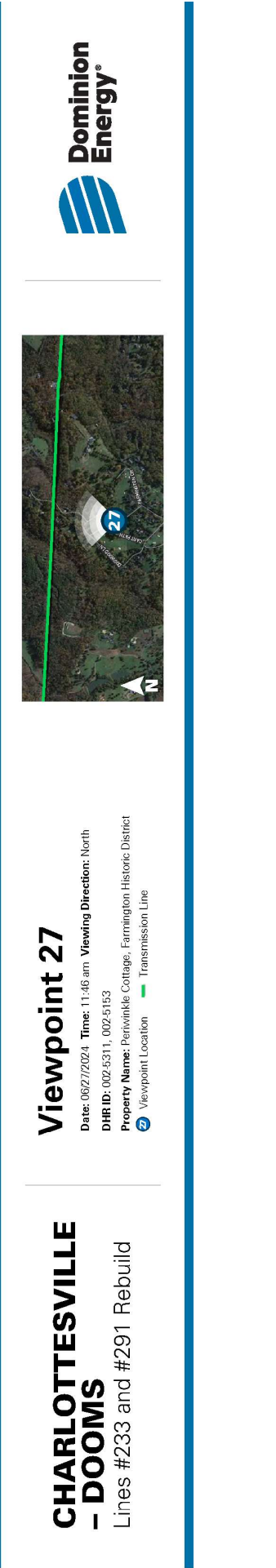
EXISTING CONDITIONS



PROPOSED CONDITIONS



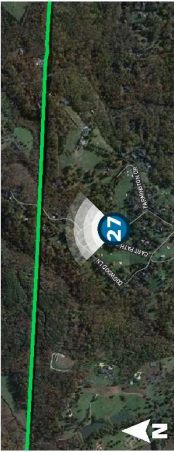
OVERLAY

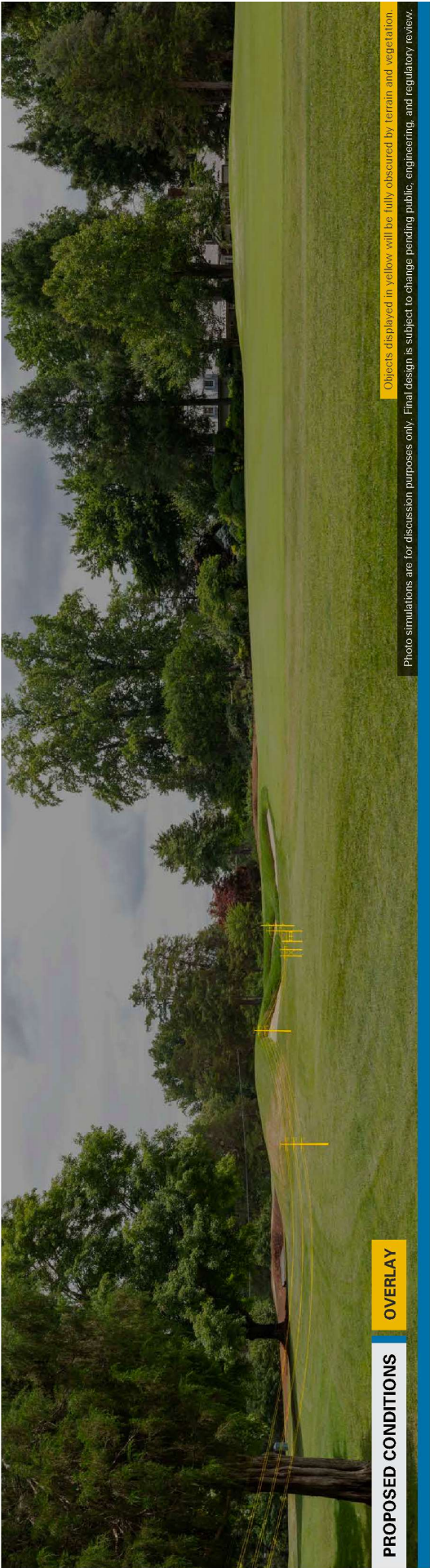
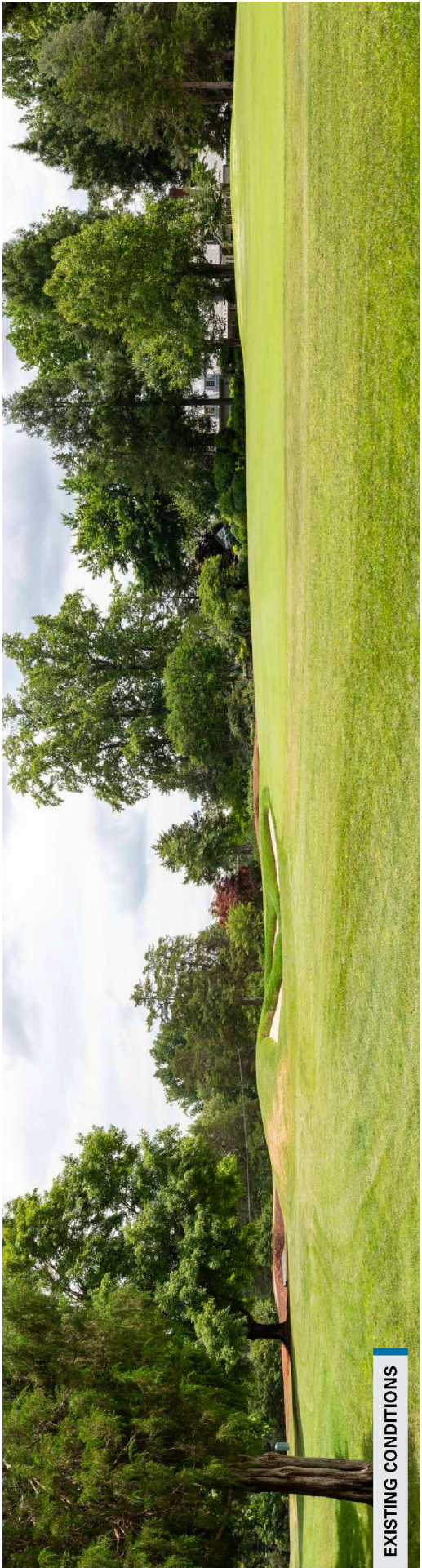


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**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

Viewpoint 27
Date: 06/27/2024 Time: 11:46 am Viewing Direction: North
DHR ID: 002-5311, 002-5153
Property Name: Periwinkle Cottage, Farmington Historic District
Viewpoint Location Transmission Line

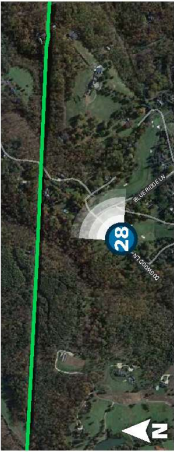


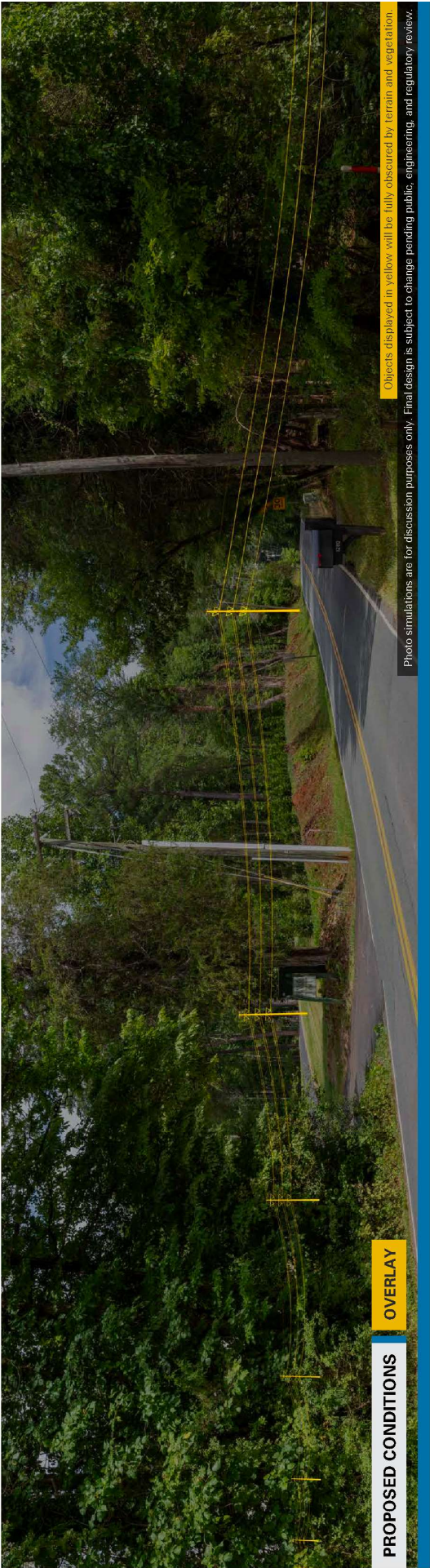
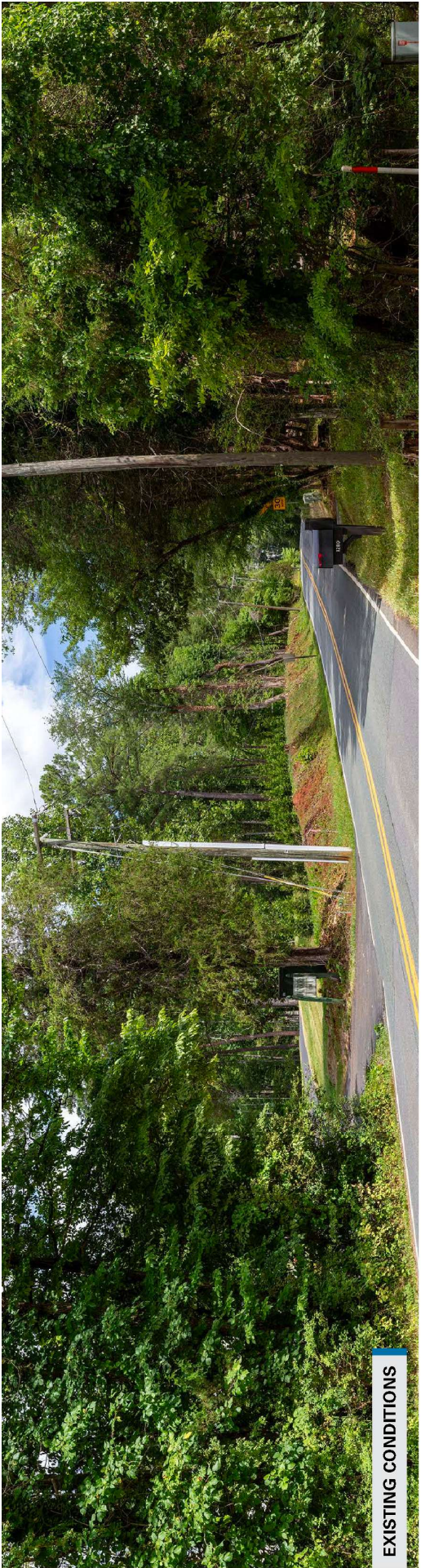


**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

Viewpoint 28

Date: 06/27/2024 Time: 11:17 am Viewing Direction: Northeast
DHR ID: 002-5148, 002-5153
Property Name: Hardie House, Farmington Historic District
Viewpoint Location Transmission Line



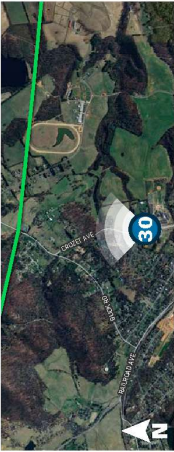
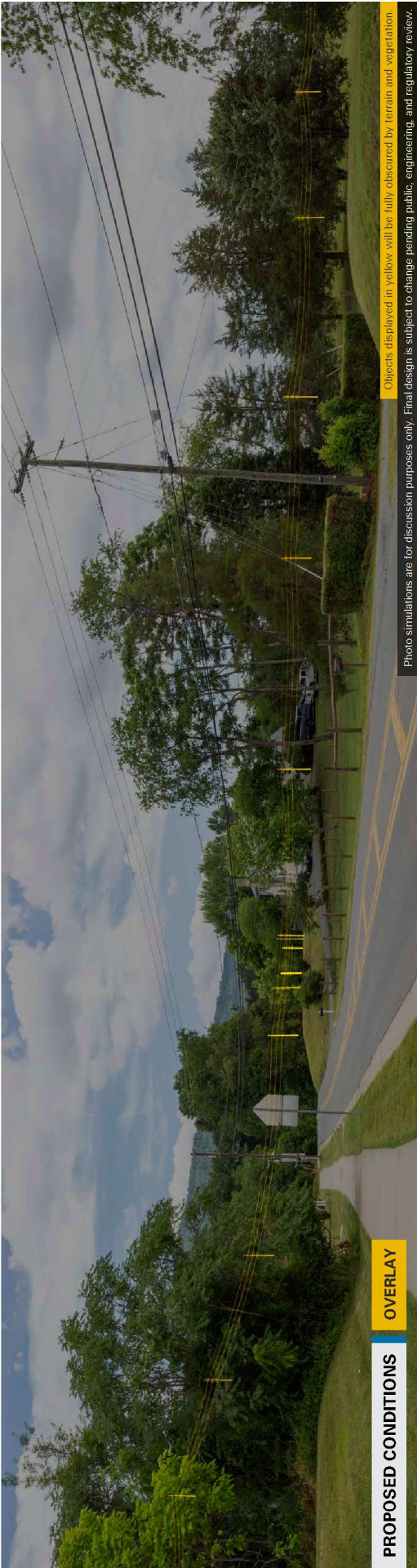


Viewpoint 29

Date: 06/27/2024 Time: 10:13 am Viewing Direction: Northwest
DHR ID: 002-5178 Property Name: Blue Ridge Camp
Viewpoint Location Transmission Line

**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild





Viewpoint 30
Date: 06/27/2024 Time: 9:54 am Viewing Direction: North
DHR ID: 002-5087 Property Name: Crozet Historic District
Viewpoint Location Transmission Line

**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild





EXISTING CONDITIONS



PROPOSED CONDITIONS

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CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

Viewpoint 31

Date: 08/13/2024 Time: 12:28 pm Viewing Direction: Northwest
DHR ID: 002-5075 Property Name: Greenwood-Afton Rural Historic District
Viewpoint Location Transmission Line

31

Dominion Energy



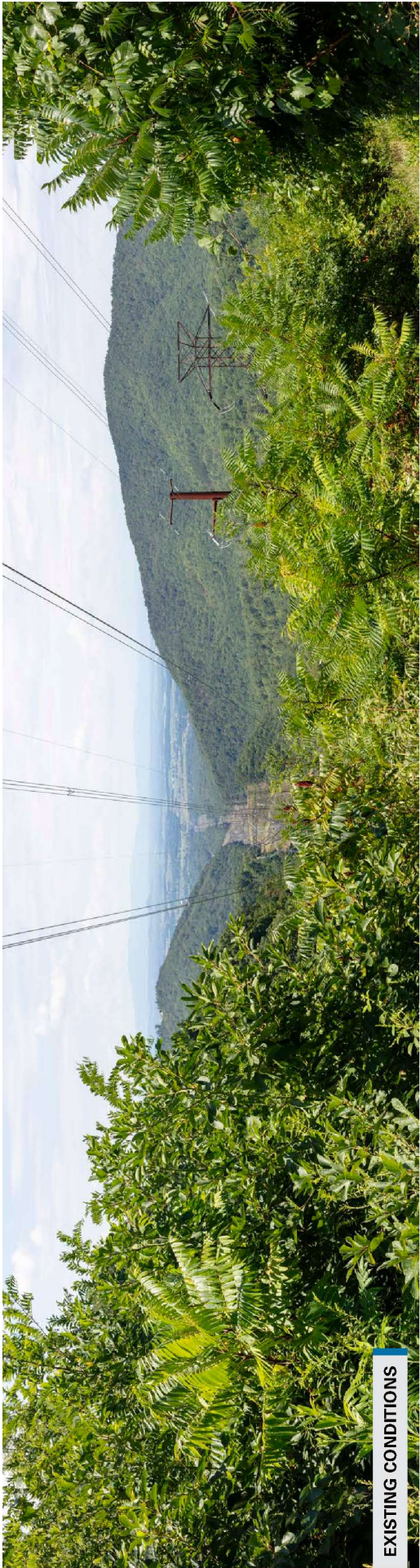
CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild

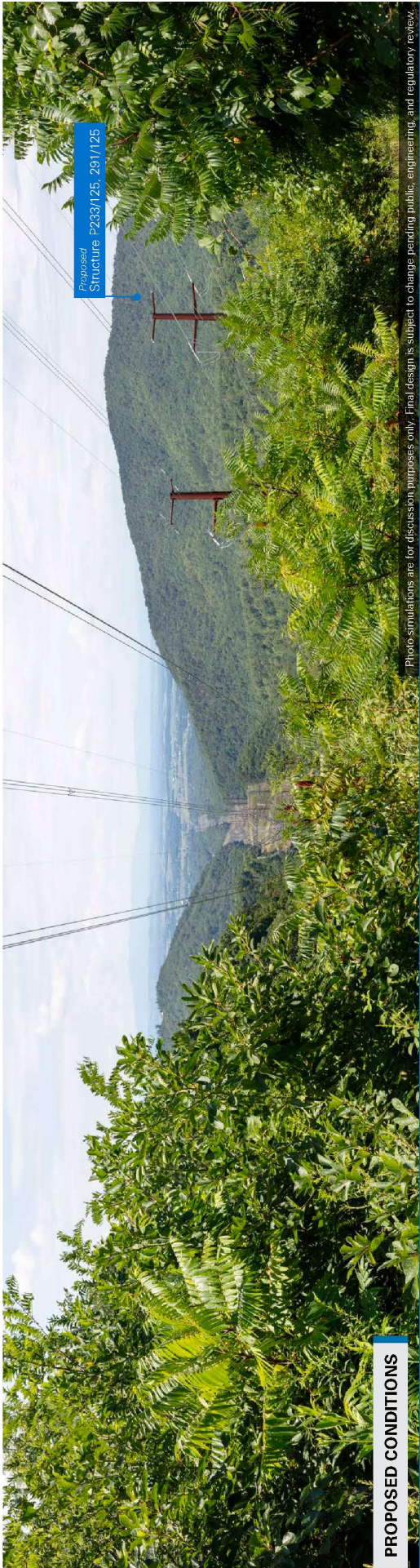
Viewpoint 32

Date: 08/13/2024 Time: 12:53 pm Viewing Direction: East
DHR ID: 002-5075 Property Name: Greenwood-Afton Rural Historic District
Viewpoint Location Transmission Line

DOMINION
Energy



EXISTING CONDITIONS



PROPOSED CONDITIONS

Photo simulations are for discussion purposes only. Final design is subject to change pending public, engineering, and regulatory review.



Viewpoint 33

Date: 08/13/2024 Time: 1:29 pm Viewing Direction: West

DHR ID: 093-6043, 021-5012

Property Name: Appalachian Trail Historic District, Appalachian Trail

Transmission Line Not Subject to Rebuild

Viewpoint Location

Transmission Line

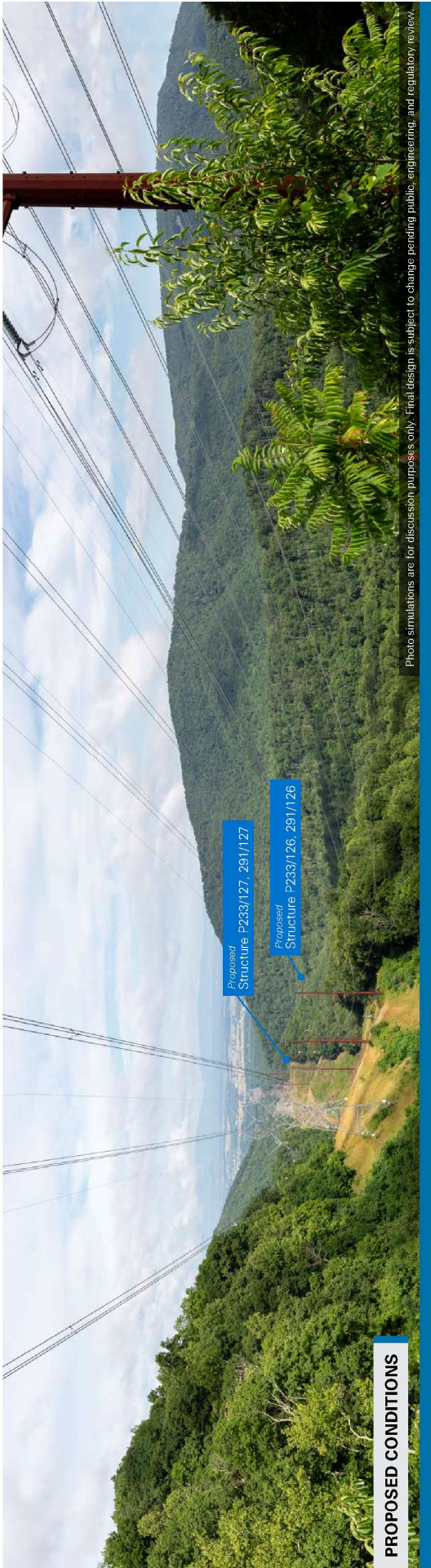
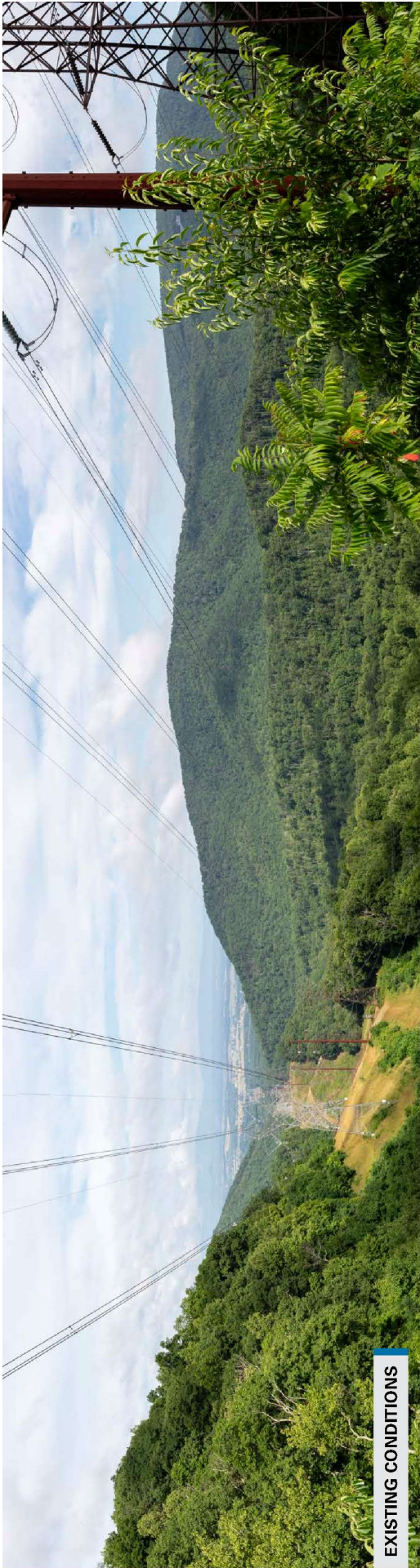
Appalachian Trail

Appalachian Trail Historic District

CHARLOTTESVILLE - DOOMS

Lines #233 and #291 Rebuild



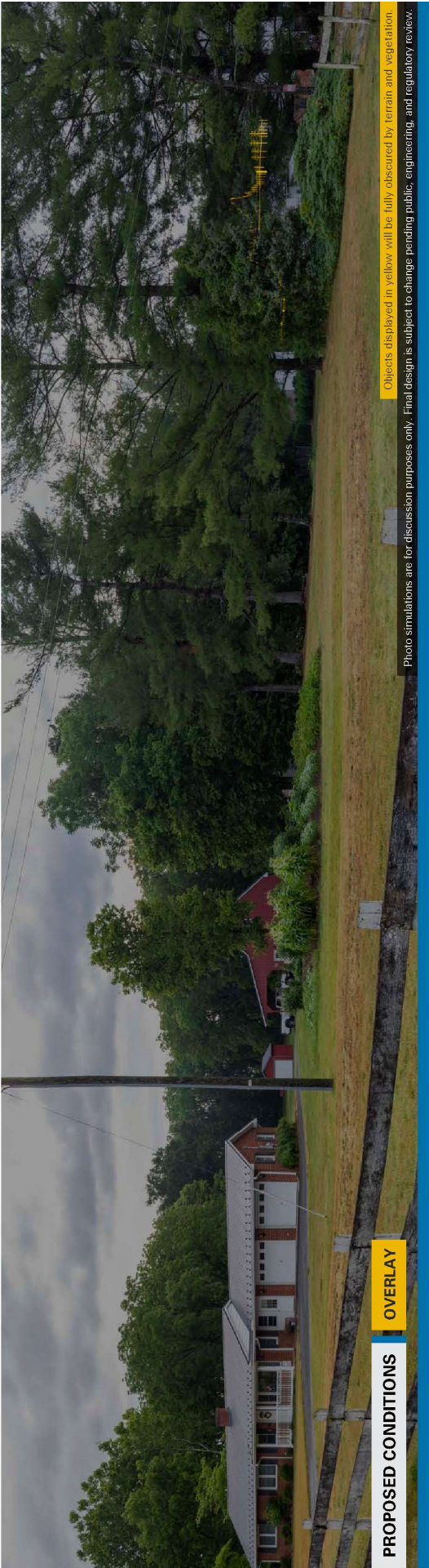
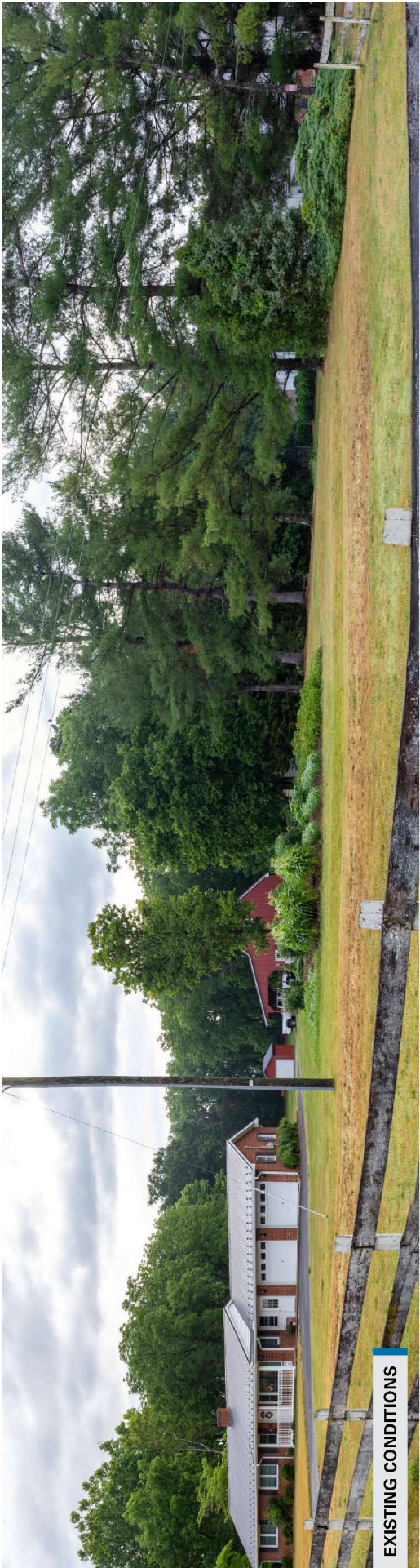


**CHARLOTTESVILLE
- DOOMS**
Lines #233 and #291 Rebuild

Viewpoint 34

Date: 06/27/2024 Time: 8:04 am Viewing Direction: West
DHR ID: 069-0234 Property Name: Skyline Drive Historic District
Viewpoint Location Transmission Line Not Subject to Rebuild





**CHARLOTTESVILLE
– DOOMS**
Lines #233 and #291 Rebuild

Viewpoint 35

Date: 06/27/2024 Time: 6:32 am Viewing Direction: East
DHR ID: 007-0944 Property Name: John Nicholas Corner House and Mill
Viewpoint Location Transmission Line Substation



II. DESCRIPTION OF THE PROPOSED PROJECT

- C. Describe and furnish plan drawings of all new substations, switching stations, and other ground facilities associated with the proposed project. Include size, acreage, and bus configurations. Describe substation expansion capability and plans. Provide one-line diagrams for each.**

Response: There are no new substations, switching stations, or other ground facilities associated with the proposed Rebuild Project, nor are any of the impacted stations being expanded. In addition to the Rebuild Project, the following work will be performed:

- At Charlottesville Substation, the Company will upgrade breaker 233T291 and switches 23315, 29115, and 23318 to 4000A, and upgrade wave traps, buses, and leads to 4000A.
- At Dooms Substation, the Company will upgrade breaker 272T291 and switches 29148 and 27248 to 4000A, upgrade Lines #233 and #291 wave traps and line leads to 4000A, and upgrade buses and leads to 4000A.
- At Crozet Substation, the Company will perform relay resets.
- At Barracks Road Substation, the Company will perform relay resets.
- At Hydraulic Road Substation, the Company will upgrade switches 23329 and 23326 to 4000A, and upgrade leads to 4000A.

III. IMPACT OF LINE ON SCENIC, ENVIRONMENTAL, AND HISTORIC FEATURES

- A. Describe the character of the area that will be traversed by this line, including land use, wetlands, etc. Provide the number of dwellings within 500 feet, 250 feet and 100 feet of the centerline, and within the ROW for each route considered. Provide the estimated amount of farmland and forestland within the ROW that the proposed project would impact.

Response: The proposed Rebuild Project will be located within an existing transmission line right-of-way which spans approximately 22.3 miles from the Charlottesville Substation to the Dooms Substation. The existing transmission line right-of-way to be utilized for the Rebuild Project will cross land characterized as urban from the Charlottesville Substation and transitions to suburban then agricultural moving outside the City of Charlottesville. West of Crozet Substation, the line passes through forested land, including lands part of the Shenandoah National Park, and transitions to low density residential land near the Dooms Substation.

See [Attachment III.A.1](#) for a map depicting prime farmland and farmland of statewide importance in the Rebuild Project area, and Section 2.L of the DEQ Supplement for the estimated amount of farmland and forestland within the right-of-way that the Rebuild Project may impact.

The Company reviewed the City of Charlottesville and Albemarle and Augusta Counties parcel and zoning data and aerial photo analyses to identify residences in proximity to the Rebuild Project. A summary of the number of residences within 500, 250, and 100 feet of the Rebuild Project centerline is presented in the table below. 12 dwellings are located within the existing right-of-way.

County/City	Dwellings Within 500 Feet of Centerline	Dwellings Within 250 Feet of Centerline	Dwellings Within 100 Feet of Centerline	Dwellings Within the existing right-of-way
City of Charlottesville	197	108	34	3
Albemarle County	227	113	45	3
Augusta County	15	10	10	6

For additional description of the character of the area that will be traversed by the Rebuild Project and the related impacts, see the DEQ Supplement, specifically as to land use

(Sections 2.I and 2.L), wetlands (Section 2.D), forests (Section 2.L), agricultural lands (Section 2.L), historic resources (Section 2.I), and wildlife (Section 2.G and 2.K).

