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To:	Steve Saunders, Developer and Associate Counsel Norbut Solar Farm Rochester, NY	From:	Barbara Wagner Stantec Consulting Services Inc. Rochester, NY
File:	195603773 NSF Kirkwood	Date:	January 23, 2026

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**Reference: Viewshed Analysis, NSF Kirkwood**

Norbut Solar Farms, LLC (NSF) is proposing the construction of a ground-mounted solar array located at 149 Quilty Hill Road and 165 Foley Road (Tax ID: 147.00-1-2.2, 147.00-1-7.11 & 147.00-1-2.11), Town of Kirkwood, NY 13795. The project, NSF Kirkwood, would encompass approximately three parcels totaling 153.9 acres in a rural residential/agricultural area. Surrounding land uses are generally residential/agricultural and undeveloped. The proposed construction activities involve the installation of an approximately 15 MWAC commercial, ground-mounted solar facility on a portion of the property.

NSF commissioned preparation of visualizations showing before-and-after depictions of the project. A description of the visualization preparation methodology follows:

Stantec's visualization team has developed a rigorous methodology for producing before-and-after visualizations over the past 25 years. These visualizations are most commonly prepared to support Visual Impact Assessments (VIAs) and associated technical report documentation.

Visualizations are produced through an objective, analytical, computer-modeling workflow and are accurate within the constraints of available site and design data. A 3D digital model is developed using a combination of project design files (e.g., AutoCAD), GIS datasets, aerial imagery, and USGS LiDAR. This information is compiled and exported into Autodesk 3ds Max for production, where design geometry and assumed specifications (as provided by the project team) form the foundation of the proposed-condition model.

The simulation is constructed from the perspective of the selected photographic vantage point. Observer locations are established using field-collected GPS coordinates and the original camera metadata/settings when available. Within 3ds Max, a virtual camera is configured to match the photograph's lens and framing. The camera is then analytically aligned using identifiable reference features visible in the photo and supported by available spatial datasets (e.g., vegetation edges, utility poles, building footprints, and topographic cues) to ensure accurate placement of the proposed design in the existing scene. USGS LiDAR is imported into Autodesk ReCap to generate a point cloud representation of existing conditions. This point cloud is incorporated into the production model and aligned with other site datasets to refine camera position and validate elevations and sightlines. Where applicable, LiDAR-supported existing vegetation and terrain context are used to inform assumptions about visibility and potential tree removal or trimming needs consistent with the proposed design footprint. Finally, the date and time of the original photograph are accounted for to replicate sun angle and lighting conditions within the simulation software so that shadowing and illumination are consistent with observed field conditions.

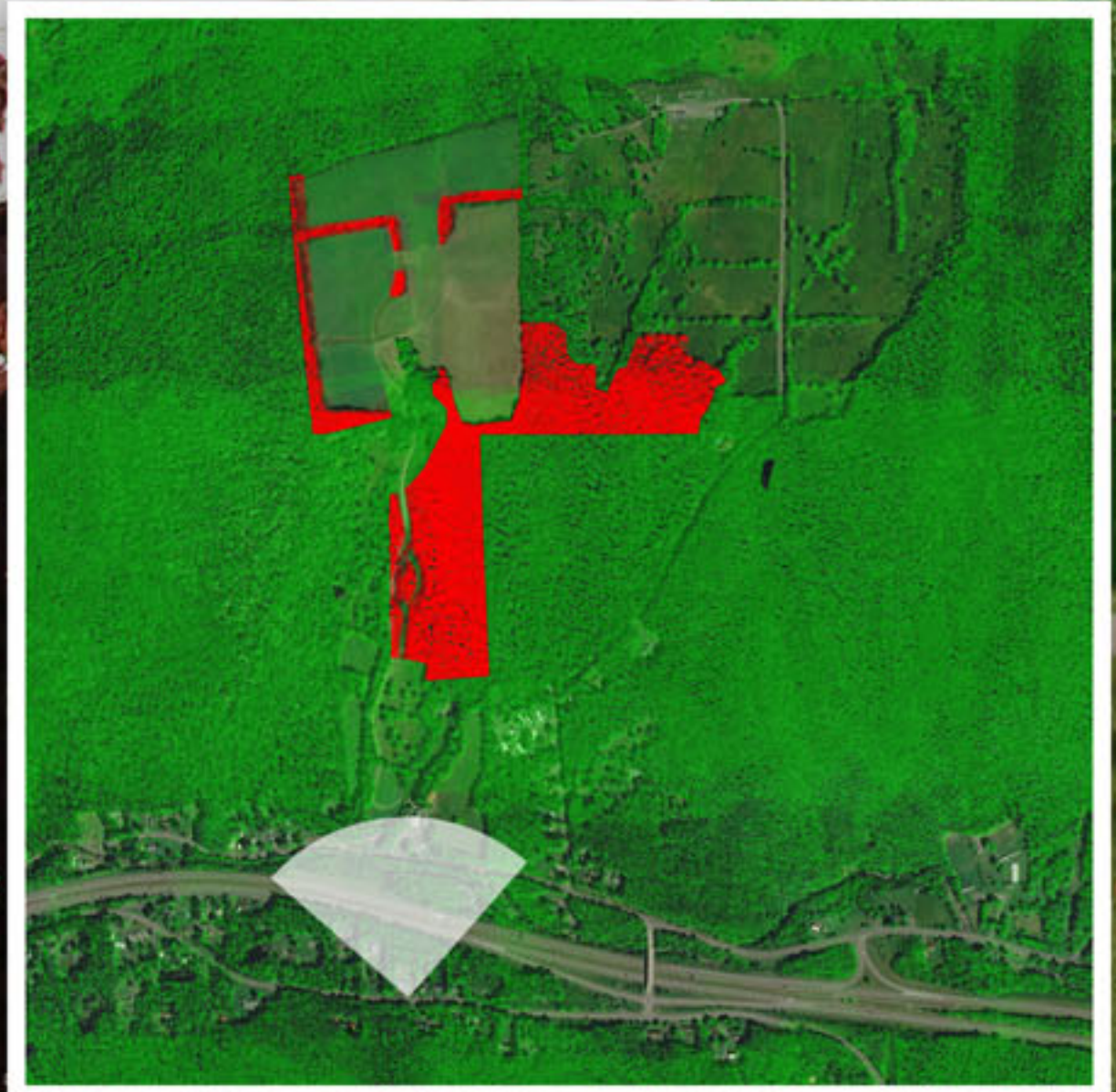
VP01 - Haskins Rd near 170 Haskins Rd  
Existing Conditions



# VP01 - Haskins Rd near 170 Haskins Rd

## Tree Study

- Fence/Tree Removal - 1994'
- Panel Line - 2014'



# VP01 - Haskins Rd near 170 Haskins Rd

## Proposed Conditions

- Fence/Tree Removal - 1994'
- Panel Line - 2014'



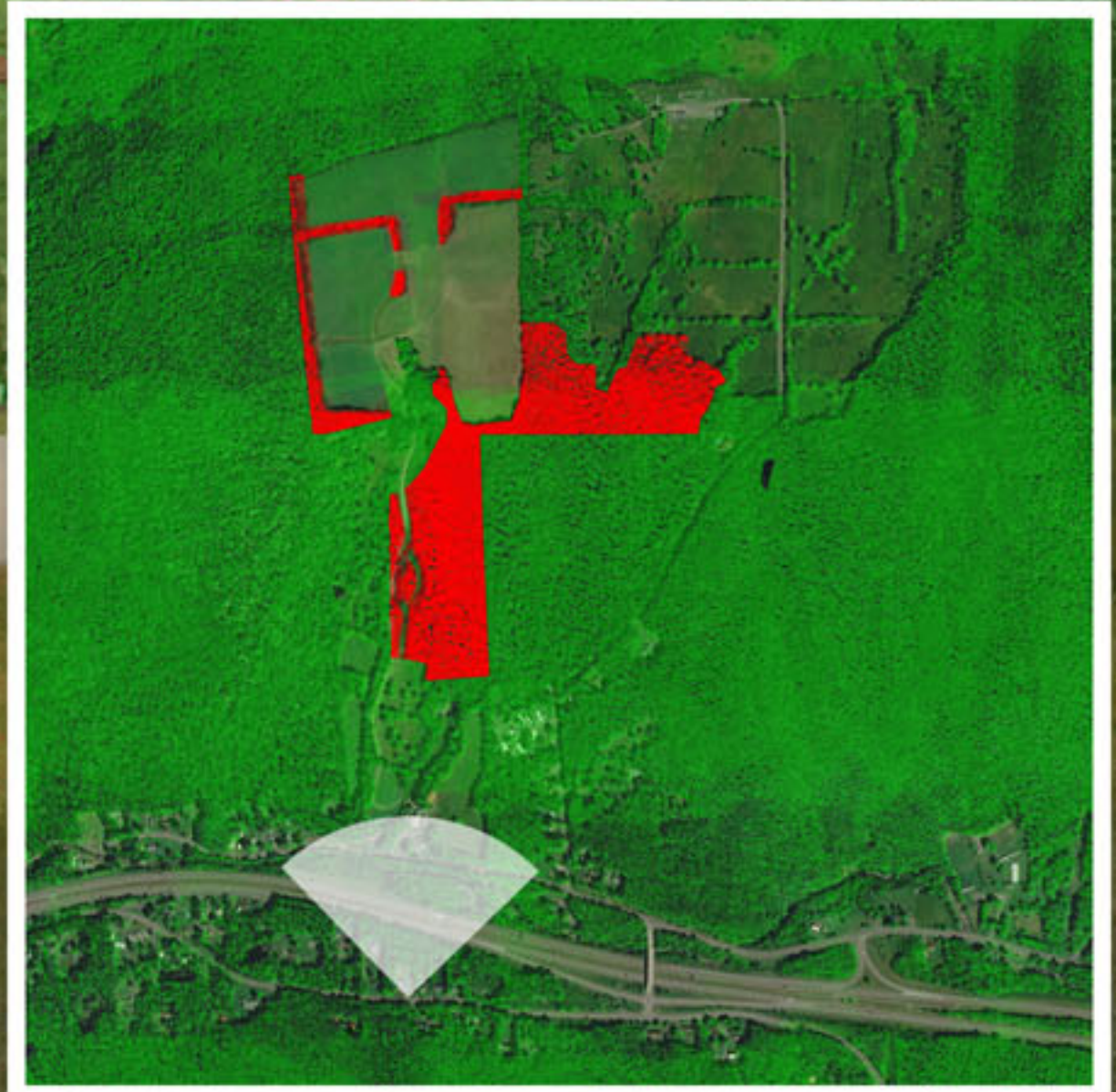
VP01 - Haskins Rd near 170 Haskins Rd  
Existing Conditions



# VP01 - Haskins Rd near 170 Haskins Rd

## Tree Study

- Fence/Tree Removal - 1994'
- Panel Line - 2014'



# VP01 - Haskins Rd near 170 Haskins Rd

## Proposed Conditions

- Fence/Tree Removal - 1994'
- Panel Line - 2014'



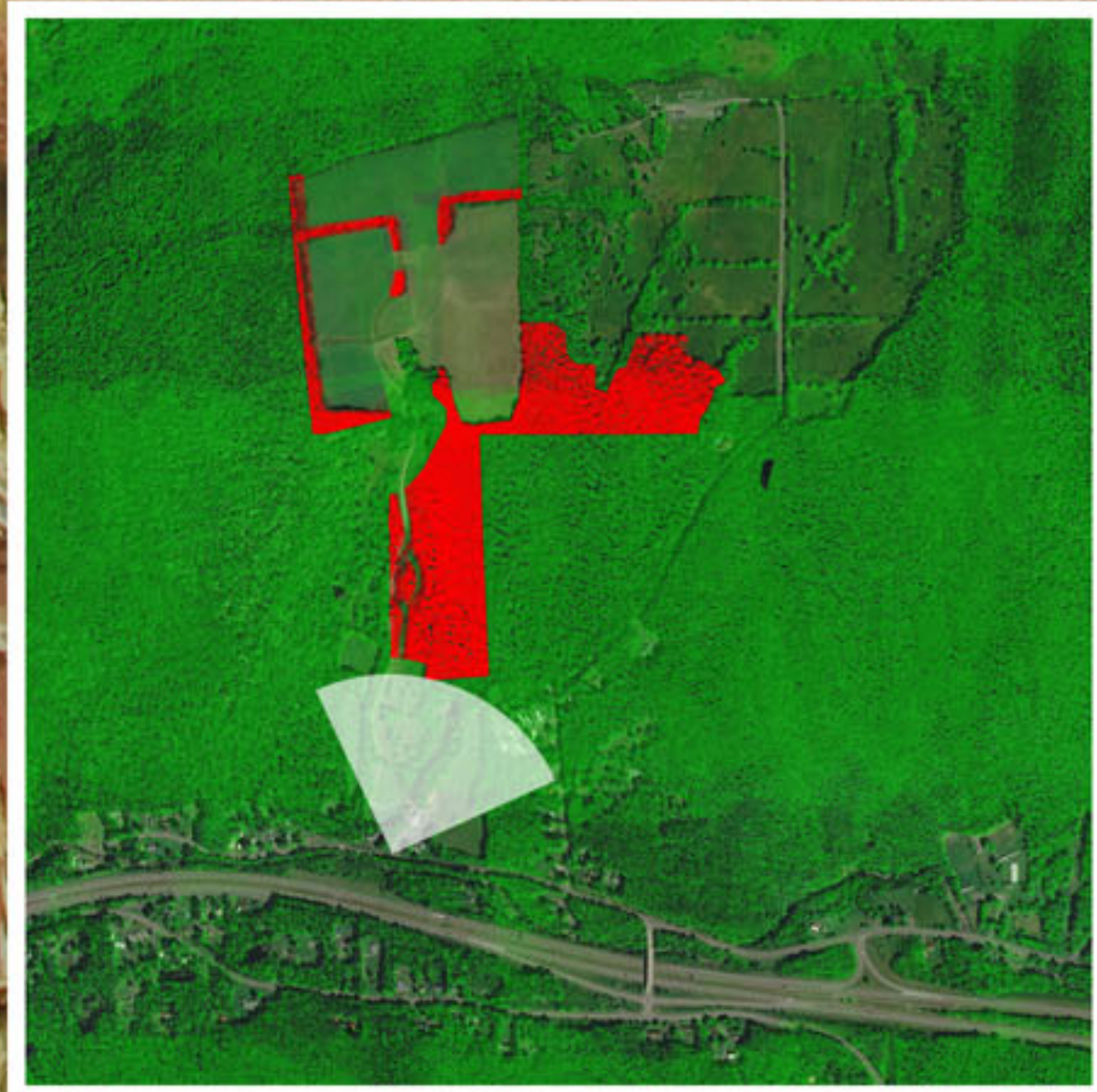
# VP02 - 167 Foley Rd looking North

Existing Conditions



# VP02 - 167 Foley Rd looking North

- Tree Study
- Fence/Tree Removal - 1161'
  - Panel Line - ~1183'



# VP02 - 167 Foley Rd looking North

## Proposed Conditions

- Fence/Tree Removal - 1161'
- Panel Line - ~1183'



# VP02 - 167 Foley Rd looking North

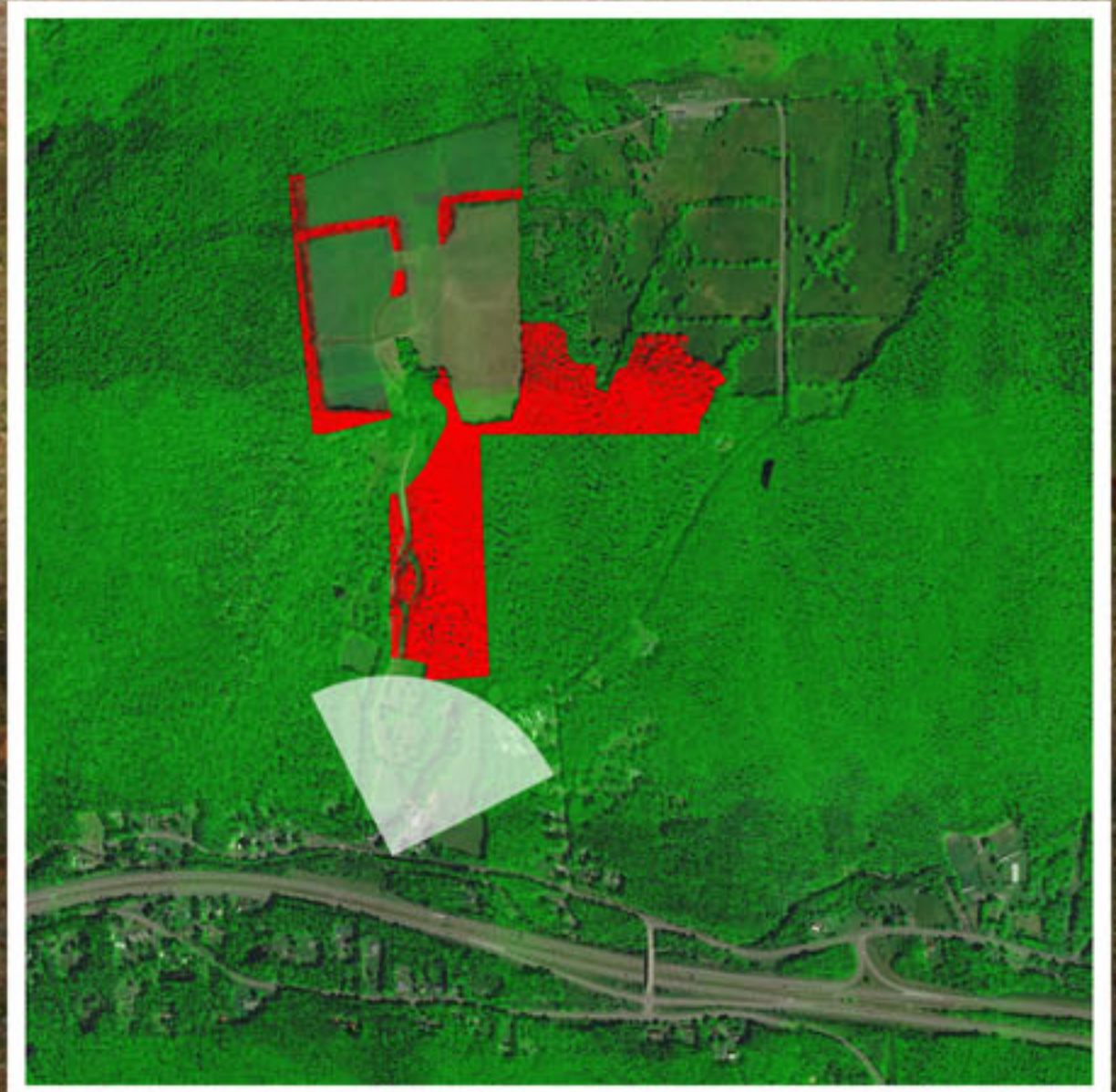
Existing Conditions



# VP02 - 167 Foley Rd looking North

Tree Study

- Fence/Tree Removal - 1161'
- Panel Line - ~1183'



# VP02 - 167 Foley Rd looking North

Proposed Conditions

- Fence/Tree Removal - 1161'
- Panel Line - ~1183'



# VP03 - 34 Quilty Hill Rd looking NW

Existing Conditions



# VP03 - 34 Quilty Hill Rd looking NW

## Tree Study

- Fence/Tree Removal - 932'
- Panel Line - 962'



# VP03 - 34 Quilty Hill Rd looking NW

## Proposed Conditions

- Fence/Tree Removal - 932'
- Panel Line - 962'



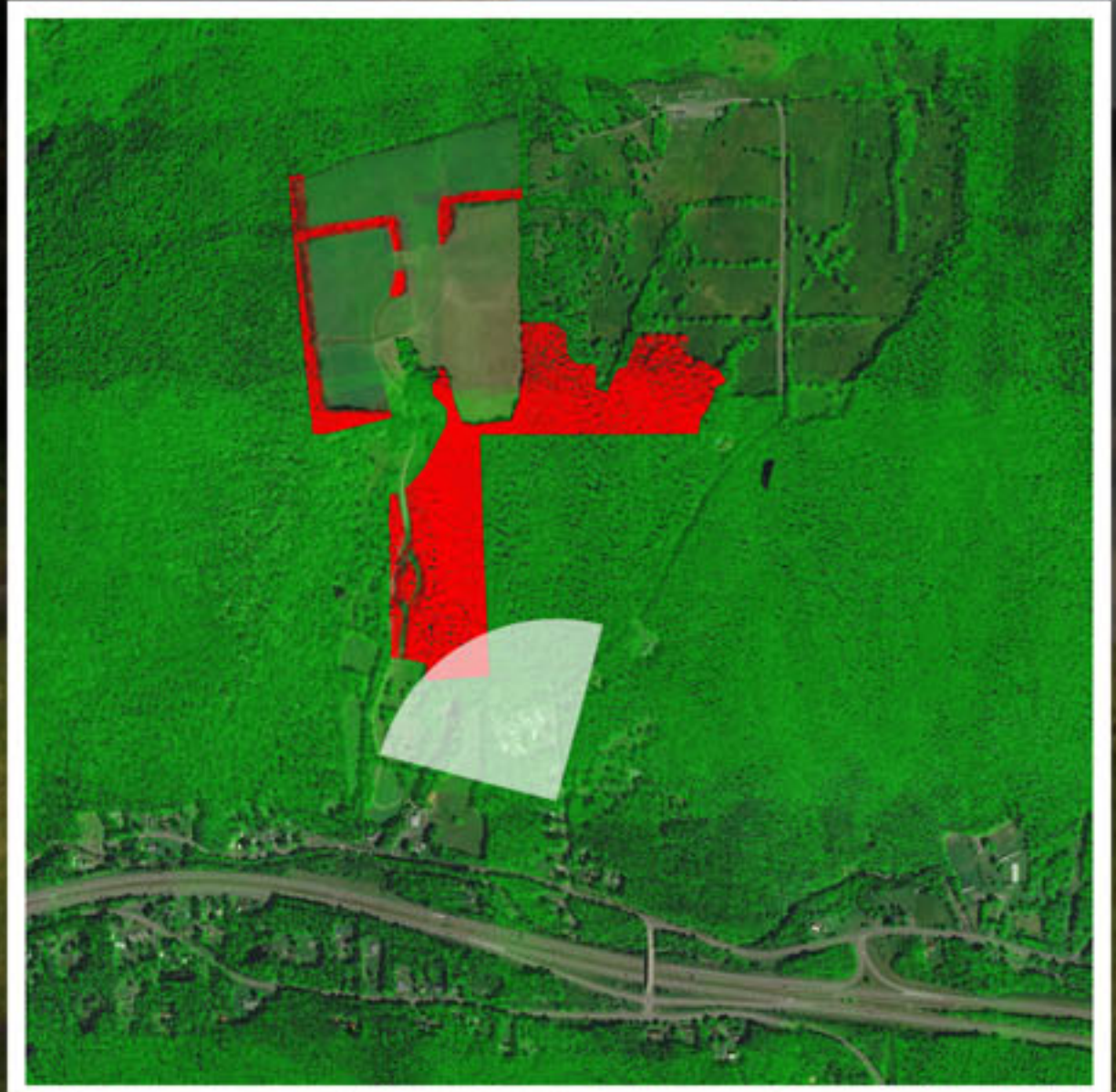
# VP03 - 34 Quilty Hill Rd looking NW

Existing Conditions



# VP03 - 34 Quilty Hill Rd looking NW

- Tree Study
- Fence/Tree Removal - 932'
  - Panel Line - 962'



# VP03 - 34 Quilty Hill Rd looking NW

## Proposed Conditions

- Fence/Tree Removal - 932'
- Panel Line - 962'



# VP04 - Trailer Loop

Existing Conditions



# VP04 - Trailer Loop

Tree Study

- Fence/Tree Removal - 418'
- Panel Line - 445'



# VP04 - Trailer Loop

## Proposed Conditions

- Fence/Tree Removal - 418'
- Panel Line - 445'



# VP04 - Trailer Loop

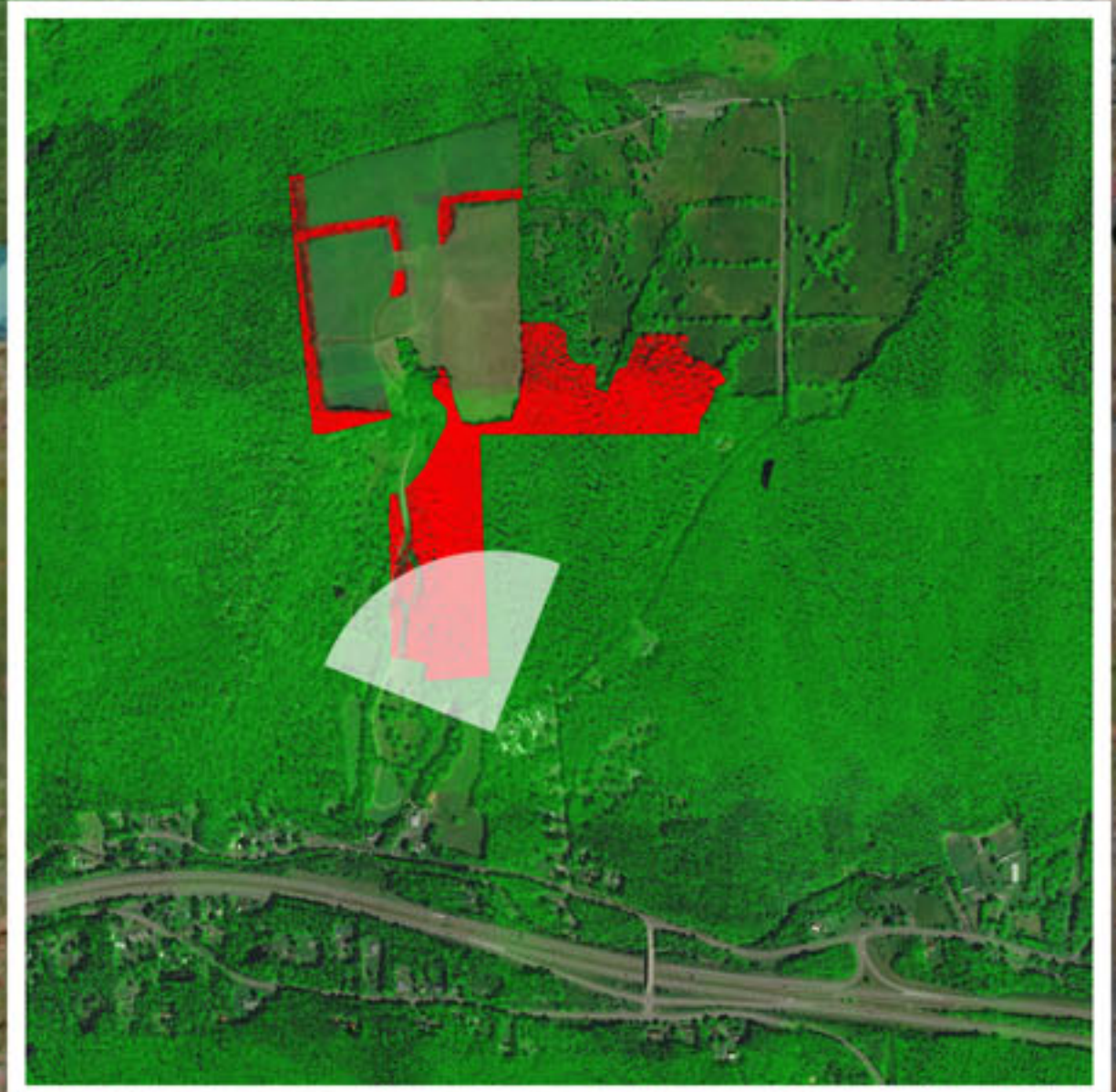
Existing Conditions



# VP04 - Trailer Loop

Tree Study

- Fence/Tree Removal - 418'
- Panel Line - 445'



# VP04 - Trailer Loop

Proposed Conditions

- Fence/Tree Removal - 418'
- Panel Line - 445'



# VP05 - Gun Club

Existing Conditions



# VP05 - Gun Club

## Tree Study

- Fence/Tree Removal - 1490'
- Panel Line - 1725'



# VP05 - Gun Club

## Proposed Conditions

- Fence/Tree Removal - 1490'
- Panel Line - 1725'



# VP05 - Gun Club

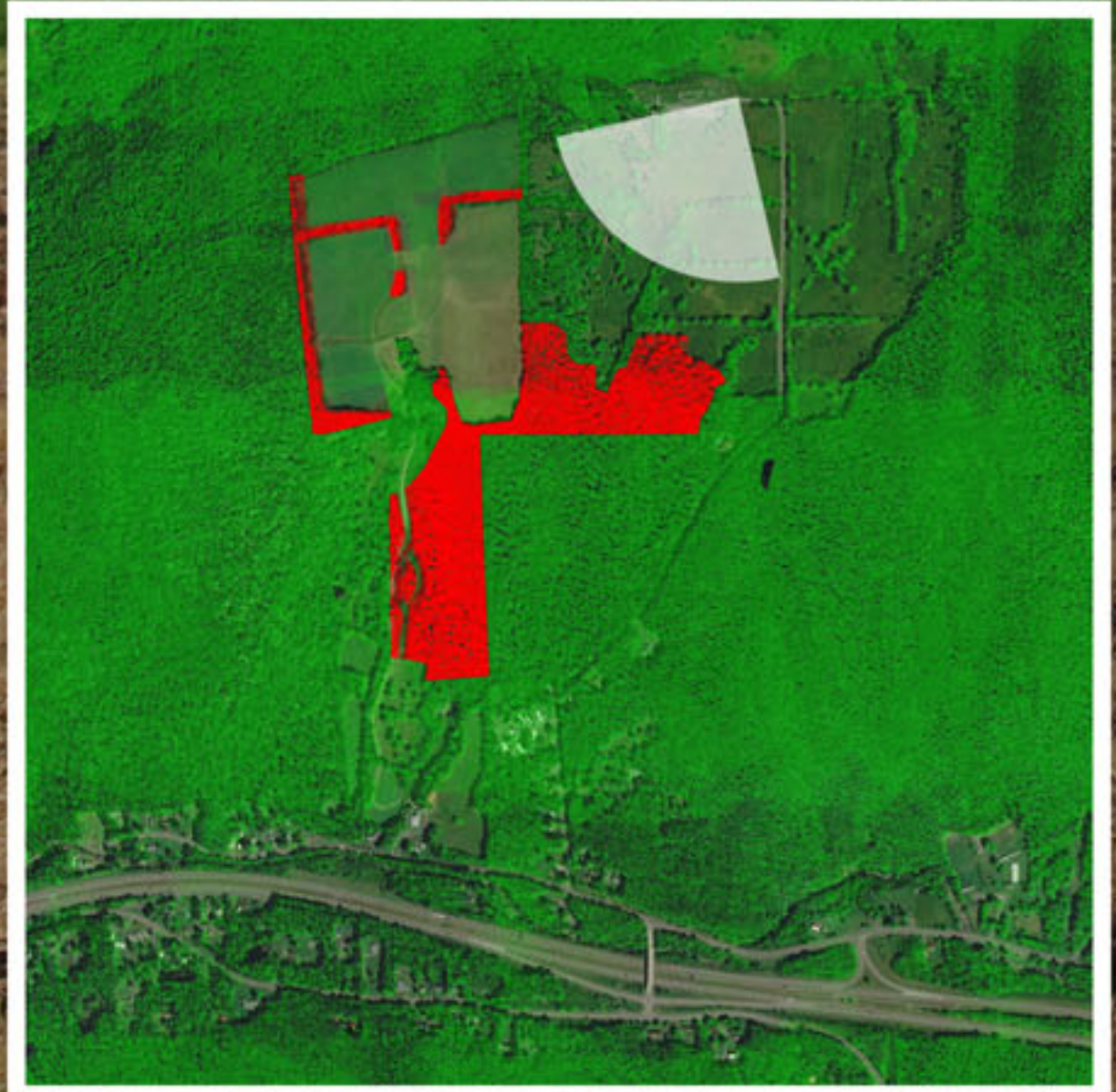
Existing Conditions



# VP05 - Gun Club

## Tree Study

- Fence/Tree Removal - 1490'
- Panel Line - 1725'



# VP05 - Gun Club

## Proposed Conditions

- Fence/Tree Removal - 1490'
- Panel Line - 1725'

