

TOWN OF GROTON PLANNING BOARD MEETING
June 15, 2023- 7:30 PM - Groton Town Hall

AGENDA

Call Meeting to Order:

Approval of Minutes- February 16, 2023

Old Business:

New Business:

1. Review document from EDS (Landscape architects), assist in the determination of visually sensitive resources and send comments to the Town Board by the 29th of June.

Any other issues to come before the board:

Adjournment



June 5, 2023

**Municipal Planning, State Agency, and Party List Representatives
Per Attached Distribution List**

RE: Yellow Barn Solar Project (ORES Matter No. Pending), Town of Groton and Lansing, Tompkins County, New York
Official Request for Stakeholder Input on Representative Viewpoints

Dear Municipal Planning, State Agency, or Party List Representative:

As you may be aware, CS Energy (the Applicant) is proposing to construct and operate the Yellow Barn Solar Project (the Project), a 160-megawatt (MW) alternating current (AC) solar energy generation facility in the Towns of Groton and Lansing, Tompkins County, New York (hereafter referred to as the Facility; see Attachment A, Figure 1). The proposed Facility is subject to review under Chapter XVIII, Title 19 of New York Codes, Rules, and Regulations (NYCRR) Part 900, §900-2.9 and Section 94-c of the New York State Executive Law (hereafter referred to as Section 94-c). In accordance with Section 94-c regulations, Exhibit 8, Visual Impacts, *"the applicant shall confer with municipal planning representatives, the Office, and where appropriate, OPRHP and/or APA in its selection of important or representative viewpoints."*

Pursuant to Section 94-c requirements, Environmental Design and Research, Landscape Architecture, Engineering and Environmental Services, DPC (EDR) is reaching out to representatives from state agencies and each jurisdiction in the Visual Study Area on behalf of the Applicant to request your assistance in identifying visually sensitive resources, existing and proposed sensitive land-uses, and potential photosimulation locations in the vicinity of the proposed Facility (see Attachment B for a list of all representatives included in this correspondence). This information will help inform the content of a Visual Impact Assessment (VIA) that is being prepared to assess the potential visual effects resulting from the Facility. The information presented in this letter and its attachments are intended to provide you with enough context and information to assist in the identification of visually sensitive resources and candidate photosimulation locations.

Definitions of Specific Terms and Acronyms Used in this Letter

Visual Impact Assessment (VIA) is a study evaluating the potential visibility, appearance, and visual impact associated with a proposed project.

Visual Study Area (VSA) is defined as the area within a 2-mile radius of Facility components in accordance with 94-c regulations. The VSA boundary for the Facility is shown on Attachment A, Figure 1.

Distance Zones are defined in visual studies to divide the visual study area into distinct sub-areas based on the various levels of landscape detail available to the viewers based on their distance from visible Facility

components. EDR has defined three preliminary distance zones within the visual study area: Near Foreground (0-0.25-mile), Foreground (0.25 – 0.5 mile), and Near Middle Ground (0.5 – 2 miles). Mapped locations of the distance zones are shown in Attachment A, Figure 1.

Landscape Similarity Zones (LSZs) are subsets of the visual study area that are defined based on the similarity of various landscape characteristics including topography, vegetation, water, and land use patterns, in accordance with established visual assessment methods. EDR has defined three preliminary LSZs within the visual study area: forest, rural residential/agricultural, and suburban/residential. Mapped locations of the LSZs are shown in Attachment A, Figure 3, and a brief description of each LSZ is provided below.

Photosimulations use existing photographs along with advanced 3D modeling and imaging to accurately illustrate how the proposed Facility would appear upon completion.

Visually Sensitive Resources (VSRs) are publicly accessible locations or historic resources that may be considered sensitive to changes in the visual environment, potentially affecting the public enjoyment of the resource. Mapped locations of known VSRs within the visual study area are shown in Attachment A, Figure 2 and a table with additional information for each known VSR can be found in Attachment C.

Visually Sensitive Resources

Visually Sensitive Resources (VSRs) were identified within the 2-mile VSA in accordance with guidance provided by New York State Department of Environmental Conservation (NYSDEC) Program Policy DEP-00-2 *Assessing and Mitigating Visual Impacts* (NYSDEC, 2019) and the requirements of Section 94-c. In addition, EDR identified other resources that could be considered visually sensitive based on the type or intensity of use they receive. The category of VSRs identified for this VIA include the following:

- **Properties of Historic Significance** (*National/State Historic Landmarks, National/State Historic Sites, Properties Listed on the National or State Register of Historic Places, Properties Eligible for listing on the National or State Register of Historic Places*)
- **Designated Scenic Resources** (*Rivers Designated as National or State Wild, Scenic or Recreational, Adirondack Park Scenic Vistas, Sites, Areas, Lakes, Reservoirs or Highways Designated or Eligible for Designation as Scenic, Scenic Areas of Statewide Significance, Other Designated Scenic Resources (Easements, Roads, Districts, and Overlooks).*)
- **Public Lands and Recreational Resources** (*National Parks, Recreation Areas, Seashores, and Forests, National Natural Landmarks, National Wildlife Refugees, Heritage Areas, State Parks, State Nature and Historic Preserve Areas, State Forest Preserve, Other State Lands; Wildlife Management Areas and Game Refugees, State Forests, State Fishing/Waterway Access Sites, Trails; State and Federal Trails, Snowmobile/ATV Trails, Bike Trails/Routes Palisades Park, Local Parks and Recreational Areas, Publicly Accessible Conservation Lands/Easements, Rivers and Streams with Public Fishing Rights Easements, Named Lakes, Ponds and Reservoirs*)
- **High-Use Public Areas** (*US, State and Interstate Highways, Schools, Cities, Villages, Hamlets*)

- ***Native American Lands***
- ***Resources Identified through Visual Outreach***

Please note that the architectural survey that identifies properties eligible for listing in the National or State Register of Historic Places is ongoing. Therefore, these resources have not been identified at this time. Once the architectural survey is completed, any resources identified as eligible for listing on the National or State Register of Historic Places will be added to the VSR inventory.

Attachment A, Figure 2 illustrates the location of each identified resource and Attachment C provides information about each resource, including its name, distance zone, and the potential visibility of the PV panels based on a preliminary viewshed analysis.

Landscape Similarity Zones

Three discrete LSZs within the VSA were identified based on the similarity of various landscape characteristics (including topography, vegetation, water, and land use). The LSZs are illustrated in Attachment A Figure 3 and a brief description of each LSZ is provided below. The LSZs will be described in greater detail in the VIA.

- ***Forest LSZ*** consists of large areas dominated by contiguous stands of mature trees. Outward views that occur in this LSZ typically offer a narrow field of view, tightly framed by trees. Open views that are available from elevated vantage points may offer more long-range views across broad valleys to adjacent hillsides, particularly during leaf off conditions.
- ***Agricultural/Rural Residential*** consists of a mix of open agricultural land and successional fields, woodlots and widely spaced farms, and low-density, large lot residential development along roadways. Outward views from this LSZ will vary depending upon adjacent land uses. Open, outward views are more available when adjacent to large areas of farmland, and more tightly framed or short-range views will occur when adjacent to wood lots and residential areas.
- ***Suburban/Residential*** consists of higher density, small-lot communities of modern residences that are organized around local roadways that generally branch off State Route 34 and 34A. In addition, small-scale, community oriented commercial and municipal facilities occur along State Route 34. Open outward views are limited due to screening provided by the residential structures, and yard or roadside vegetation. However, outward views are occasionally available when adjacent to farmland and down street corridors.

Field Review

EDR personnel conducted field review within the VSA on April 13, 2023 to observe the character of the existing landscape, obtain photographs for locations with potential Facility visibility, and identify locations that would be suitable for the development of photosimulations. Field review resulted in documentation of 45 representative viewpoints. Photographs for each viewpoint, including a panorama composition illustrating the overall view and a single-frame photograph illustrating the most open and unobstructed

view available towards the Facility Site, is included within Attachment D (Viewpoint Photolog). The viewpoint locations are illustrated in Attachment A, Figure 1.

Feedback Requests

Visually Sensitive Resources

EDR and the Applicant are formally requesting feedback from you to identify additional VSRs.

Please review the mapped locations of VSRs identified to date in Attachment A, Figure 2 and listed in Attachment C. The Applicant believes the list of the VSRs included herein represents a substantially complete inventory of the significant VSRs within the VSA. Please let us know whether there are any additional sites/locations that are visually sensitive and that you believe should be added to the inventory. If so, please provide the name, location, and a brief description of the resources (not already identified in Attachment C) that you feel should be included in the inventory and subsequently evaluated for potential visual impacts in the VIA.

Proposed Land Use

EDR and the Applicant are requesting feedback from you in the identification of any proposed land uses that may be sensitive to visual impact.

Pursuant to Section 94-c requirements, "proposed land uses" are required to be considered as part of the viewpoint selection process. Publicly available zoning codes, comprehensive plans, and local laws for each town within the VSA will be reviewed to identify current and future land uses within the VSA. However, the Applicant anticipates instances in which a municipality is in process of completing updates to existing zoning codes, comprehensive plans, or local laws. In addition, it is recognized that projects/developments may be pending or currently under review by town boards, planning boards, or the zoning board of appeals. The Applicant requests any information outlining amendments to local codes or laws and/or information regarding proposed projects and/or land uses that should be considered in the VIA.

Photosimulation Locations

EDR and the Applicant are requesting feedback from you in the selection of viewpoints for the production of photosimulations.

As mentioned previously, a full viewpoint photolog including a representative photograph from each of the visited sites can be found in Attachment D, and viewpoint locations are illustrated in Attachment A, Figure 1. The Applicant anticipates preparing representative photosimulations to illustrate the appearance of the proposed Facility from various distances within a range of visual settings. Currently, the Applicant is considering the following nine viewpoints for the production of photosimulations:

Viewpoint	Location, Coordinates	Municipality	Reason for Recommendation
9	Cobb Street Cemetery 42.57951, -76.44173	Town of Groton	Representative view looking south from the Near Foreground distance zone and the Agricultural/Rural Residential LSZ.
14	Sovocool Hill Road 42.57578, -76.41849	Town of Groton	Representative view looking south from the Near Foreground distance zone in the Agricultural/Rural Residential LSZ.
18	Smith Road 42.57972, -76.40034	Town of Groton	Representative view looking southwest from the Near Middle Ground distance zone in the Agricultural/Rural Residential LSZ.
19	Luce Road 42.57192, -76.45556	Towns of Groton and Lansing	Representative view looking east from the Foreground distance zone in the Agricultural/Rural Residential LSZ.
22	Cobb Street 42.56507, -76.44320	Town of Groton	Representative view looking east from the Near Foreground distance zone in the Agricultural/Rural Residential LSZ.
30	Van Ostrand Road 42.55518, -76.46844	Town of Lansing	Representative view looking northeast from the Near Foreground distance zone in the Agricultural/Rural Residential LSZ.
32	Van Ostrand Road 42.54736, -76.46858	Town of Lansing	Representative view looking east towards the proposed collection substation from the Near Foreground distance zone in the Agricultural/Rural Residential LSZ.
38A	Scofield Road 42.55813, -76.45480	Town of Groton and Lansing	Representative view looking west from the Near Foreground distance zone in the Agricultural/Rural Residential LSZ.
43	Brown Road 42.55196, -76.43955	Town of Groton	Representative view looking west from the Near Foreground distance zone in the Agricultural/Rural Residential LSZ.

Please review the recommended viewpoints and provide feedback regarding whether these viewpoints are appropriate, or if there are any additional locations that you would like to be considered as candidate viewpoints for photosimulation development.

Please provide any responses by June 30, 2023.

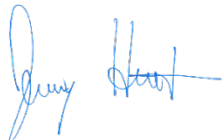
June 5, 2023

All future correspondence regarding the VIA for the Facility will be by email, unless otherwise specified. Please confirm your email address from the distribution list or, if missing, please provide your email address in your response to this letter. Please direct any future correspondence specific to the visual assessment, visual resources, and photosimulations, including responses to this request, to the contact below. If you would like to meet to discuss the information presented in this letter, please send a request to the contact below. Please note email responses in excess of 15 megabytes will not be received. If you do not receive confirmation of email receipt, please call 315.471.0688 extension 684 and leave a for Jessey Horvat.

- Via email to: jhorvat@edrdpc.com
- Via written letter to:
Attn: Jessey Horvat
Environmental Design & Research
Suite 700
217 Montgomery Street
Syracuse, NY 13202

Thank you in advance for your participation in this process.

Sincerely,



Jessey Horvat
Visualization Project Manager

Attachment A: Figures

Figure 1: Visual Study Area and Facility Site

Figure 2: Visually Sensitive Resources and Viewshed

Figure 3: Landscape Similarity Zones

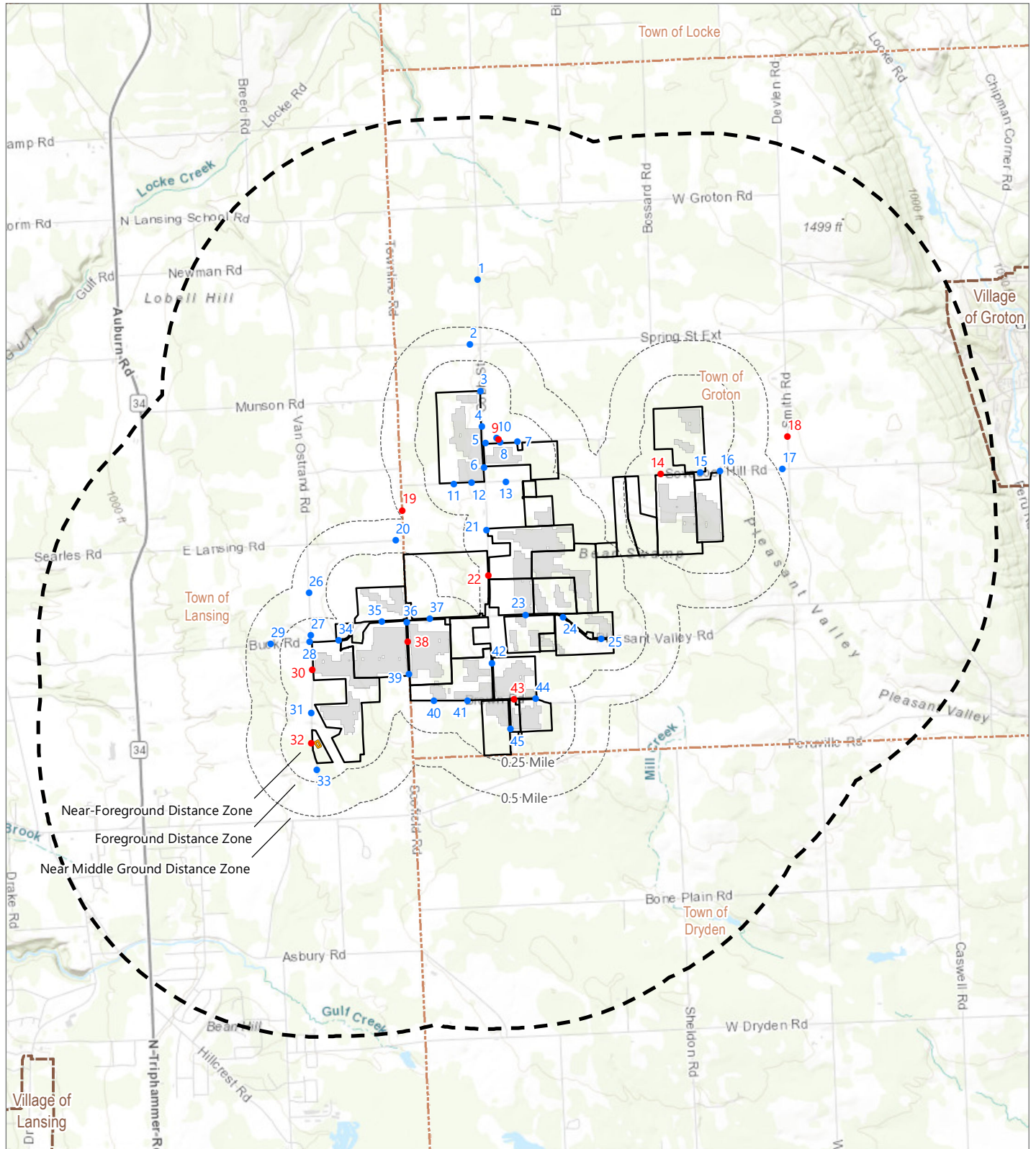
Attachment B: Distribution List

Attachment C: Visually Sensitive Resources

Attachment D: Viewpoint Photolog

Attachment A: Figures

Figure 1. Visual Study Area and Facility Site



Yellow Barn Solar

Towns of Groton and Lansing,
Tompkins County, New York

Viewpoint Location

● Recommended Viewpoint

● Viewpoint Location

2-Mile Visual Study Area

Distance Zone

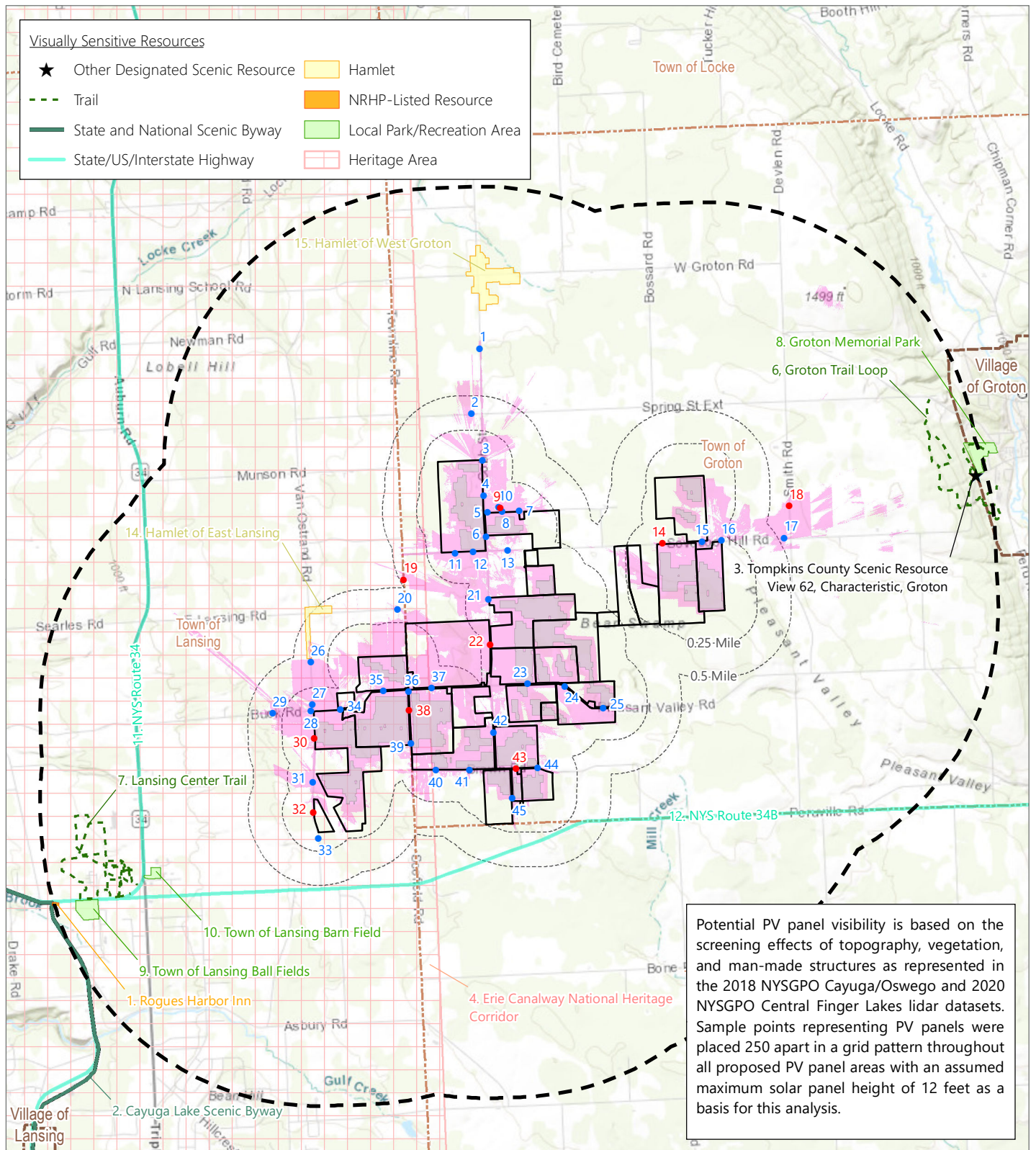
Facility Site

PV Array

Collection Substation



Figure 2. Visually Sensitive Resources and Viewshed



Yellow Barn Solar

Towns of Groton and Lansing,
Tompkins County, New York

- 2-Mile Visual Study Area
- Distance Zone
- Facility Site
- PV Array
- PV Panel DSM Viewshed Visibility

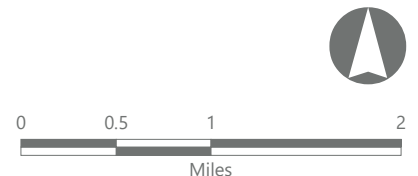
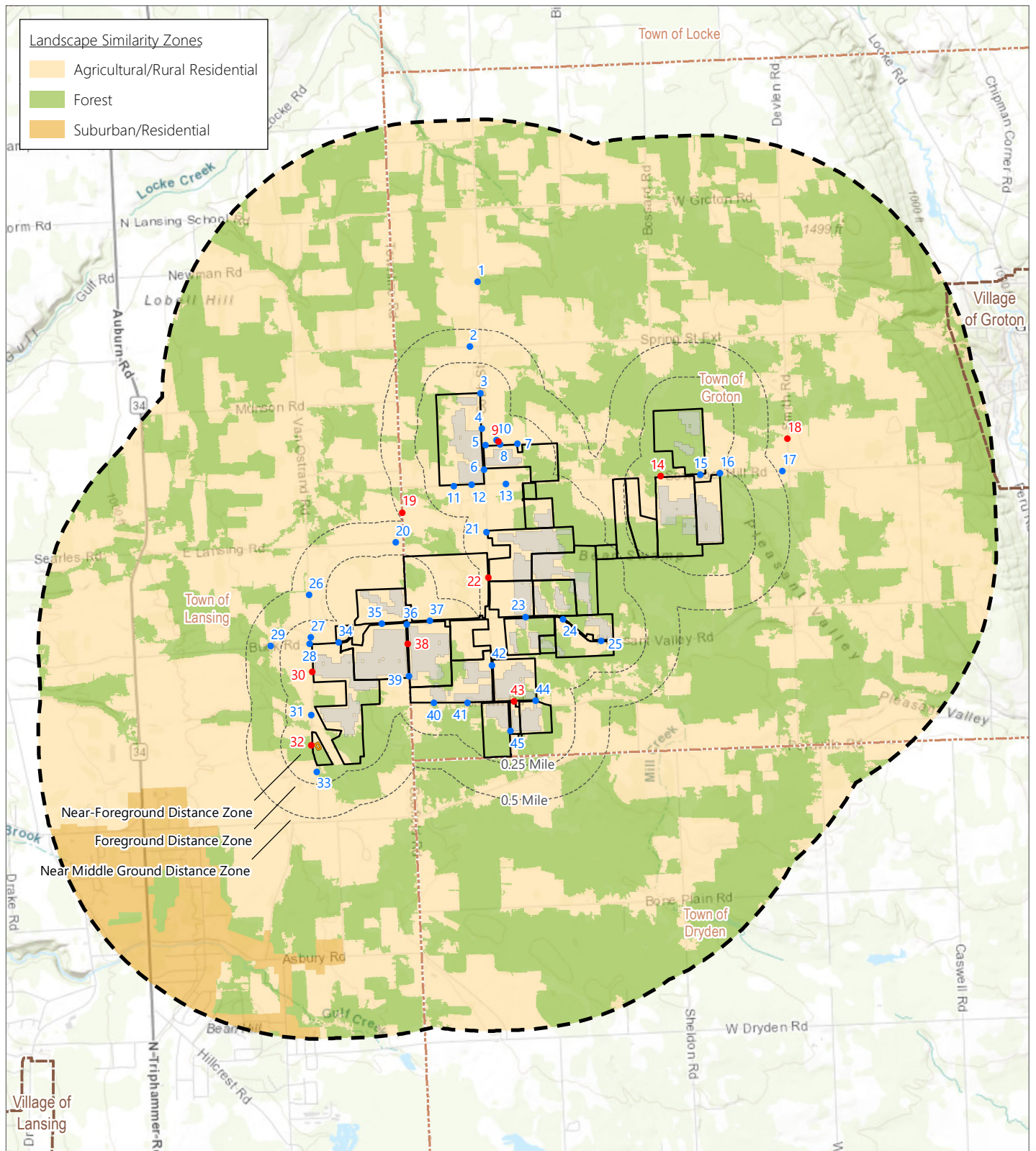


Figure 3. Landscape Similarity Zones



Yellow Barn Solar

Towns of Groton and Lansing,
Tompkins County, New York

Viewpoint Location

● Recommended Viewpoint

● Viewpoint Location

2-Mile Visual Study Area

Distance Zone

Facility Site

PV Array

Collection Substation



Attachment B: Distribution List

Attachment B: Distribution List

Sheet 1

Primary Owner	Mailing Address One	Mailing Address Two	City	State	Zip	Email Address
Town and Local Representatives						
Donald F. Scheffler, Supervisor	Town of Groton	PO Box 36, 101 Conger Blvd.	Groton	NY	13073	supervisor@grotontown.com
Rick Fritz, Code Enforcement Officer	Town of Groton	PO Box 36, 101 Conger Blvd.	Groton	NY	13074	code@grotontown.com
Rosemarie Tucker, Town Historian	Town of Groton	172 Main Street	Groton	NY	13073	roseingrotonny@gmail.com
Ed LaVigne, Supervisor	Town of Lansing	29 Auburn Road	Lansing	NY	14882	elavigne@lansingtown.com
John Zepko, Acting Director of Planning/Code	Town of Lansing	30 Auburn Road	Lansing	NY	14883	izepko@lansingtown.com
Fannie Welch, Town Historian	Town of Lansing	29 Auburn Road	Lansing	NY	14882	townhistorian@lansingtown.com
Heather McDaniel, President	Ithaca Area Economic Development	119 E. Seneca Street, Suite 200	Ithaca	NY	14848	heatherm@IthacaAreaED.org
County Agencies						
Lisa Holmes, County Administrator	Tompkins County	125 East Court Street, Old Jail Bldg. 3rd Floor	Ithaca	NY	14850	none available.
Katherine Borgella, Commissioner	Tompkins County Department of Planning and Sustainability	121 E. Court Street	Ithaca	NY	14851	planning@tompskins-co.org
Ben Sandberg, Executive Director	Tompkins County History Center	The History Center in Tompkins County, 110 North Tioga Street, Suite 204A	Ithaca	NY	14849	director@thehistorycenter.net
State Agencies						
Houtan Moaveni, Deputy Executive Director	Office of Renewable Energy Siting	Empire State Plaza, Swan Street – Core 1, Room #110-119	Albany	NY	12239	Houtan.Moaveni@ores.ny.gov
Amanda Bayley	Office of Renewable Energy Siting	W.A. Harriman Campus Building 9, 1220 Washington Avenue	Albany	NY	12226	amanda.bayley@ores.ny.gov
Fred Bonn, Regional Director	NYS Office of Parks, Recreation and Historic Preservation, Region 4 - Finger Lakes	2221 Taughannock Road	Trumansburg	NY	14886	fred.bonn@parks.ny.gov
Office of Parks, Recreation and Historic Preservation	Submitted through the Cultural Resource Information System					
Indigenous Nations						
Chief Clint Halftown	Cayuga Nation	P.O. Box 803	Seneca Falls	NY	13148	not available.
Chief Sam George	Cayuga Nation	P.O. Box 433	Union Springs	NY	13160	not available.

Yellow Barn Solar Project

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach

Attachment C: Visually Sensitive Resources

Visually Sensitive Resource	Resource Number	Location		Representative Viewpoint Number(s) ¹	Distance Zone ²	PV Panel Visibility (DSM viewshed results)	
		Municipality	County			Visible (+)	Not Visible (-)
Properties of Historic Significance [6 NYCRR 617.4 (b)(9)]							
National/State Historic Landmarks							
None Identified							
Properties/Districts Listed on National or State Registers of Historic Places (NRHP/SRHP)							
Rogues Harbor Inn	1	Town of Lansing	Tompkins		Near Middle Ground	-	
Properties Eligible for Listing on National or State Registers of Historic Places							
None Identified							
Designated Scenic Resources							
Rivers Designated as National or State Wild, Scenic or Recreational							
None Identified							
Adirondack Park Scenic Vistas [Adirondack Park Land Use and Development Map]							
None Identified							
Sites, Areas, Lakes, Reservoirs or Highways Designated or Eligible for Designation as Scenic ([ECL Article 49 Title 1] or equivalent)							
Cayuga Lake Scenic Byway	2	Town of Lansing	Tompkins		Near Middle Ground	-	
Scenic Areas of Statewide Significance [Article 42 of Executive Law]							
None Identified							
Other Designated Scenic Resources (Easements, Roads, Districts, and Overlooks)							
View 62, Characteristic, Groton	3	Town of Groton	Tompkins		Near Middle Ground	-	
Public Lands and Recreational Resources							
National Parks, Recreation Areas, Seashores, and Forests [16 U.S.C. 1c]							
None Identified							
National Natural Landmarks [36 CFR Part 62]							
None Identified							
National Wildlife Refuges [16 U.S.C. 668dd]							
None Identified							
Heritage Areas (formerly Urban Cultural Parks) [Parks, Recreation and Historic Preservation Law Section 35.15]							
Erie Canalway National Heritage Corridor	4	Towns of Dryden, Groton, and Lansing	Tompkins		Near Foreground	+	
State Parks [Parks, Recreation and Historic Preservation Law Section 3.09]							
None Identified							
State Nature and Historic Preserve Areas [Section 4 of Article XIV of the State Constitution]							
None Identified							
State Forest Preserve [NYS Constitution Article XIV]							
None Identified							
Other State Lands							
None Identified							
Wildlife Management Areas & Game Refuges							

Yellow Barn Solar Project

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach

Visually Sensitive Resource	Resource Number	Location		Representative Viewpoint Number(s) ¹	Distance Zone ²	PV Panel Visibility (DSM viewshed results)	
		Municipality	County			Visible (+)	Not Visible (-)
None Identified							
State Forests							
None Identified							
State Fishing/Waterway Access Sites							
None Identified							
Trails							
State and Federal Trails ³							
None Identified							
Snowmobile/ATV Trails							
None Identified							
Bike Trails/Routes							
None Identified							
Other Trails							
Groton Park Trail	5	Town of Groton	Tompkins		Near Middle Ground	-	
Groton Trail Loop	6	Town of Groton	Tompkins		Near Middle Ground	-	
Lansing Center Trail	7	Town of Lansing	Tompkins		Near Middle Ground	-	
Palisades Park [Palisades Interstate Park Commission]							
Not Applicable							
Local Parks and Recreation Areas							
Groton Memorial Park	8	Town of Groton	Tompkins		Near Middle Ground	-	
Town of Lansing Ball Fields	9	Town of Lansing	Tompkins		Near Middle Ground	-	
Town of Lansing Barn Field	10	Town of Lansing	Tompkins		Near Middle Ground	-	
Publicly Accessible Conservation Lands/Easements							
None Identified							
Rivers and Streams with Public Fishing Rights Easements							
None Identified							
Named Lakes, Ponds, and Reservoirs							
None Identified							
High-Use Public Areas							
State, US, and Interstate Highways							
NYS Route 34	11	Town of Lansing	Tompkins		Near Middle Ground	-	
NYS Route 34B	12	Towns of Dryden, Groton, and Lansing	Tompkins		Foreground	-	
Schools							
None Identified							
Cities, Villages, Hamlets							

Yellow Barn Solar Project

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach

Visually Sensitive Resource	Resource Number	Location		Representative Viewpoint Number(s) ¹	Distance Zone ²	PV Panel Visibility (DSM viewshed results)	
		Municipality	County			Visible (+)	Not Visible (-)
Cities and Villages							
Village of Groton	13	Town of Groton	Tompkins		Near Middle Ground	-	
Hamlets							
Hamlet of East Lansing	14	Town of Lansing	Tompkins		Foreground	+	
Hamlet of West Groton	15	Town of Groton	Tompkins		Near Middle Ground	-	
Native American Lands							
None Identified							
Resources Identified through Visual Outreach							

¹ Identified viewpoints are within 100 feet of the visually sensitive resource boundary. If no viewpoint number is indicated, no photos were obtained near this resource during fieldwork.

² For large areas and linear sites, distance zone was measured from the resource's closest point to the Facility.

³ State trails that occur within state lands are not identified individually, and are evaluated within the Visual Impact Assessment as part of the overall resource.

Yellow Barn Solar Project

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach

Attachment D: Viewpoint Photolog



Viewpoint 1 | Panorama

Panorama composition panning east to west



View looking south from Cobb Street in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Middle Ground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.59642°N, 76.44467°W

Elevation:
1,298 ft.

Viewpoint 1 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 2 | Panorama

Panorama composition panning east to west



View looking south from Spring Street Extension in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.58953°N, 76.44583°W

Elevation:
1,295 ft.

Viewpoint 2 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 3 | Panorama

Panorama composition panning southeast to west



Viewpoint 3 | Single Frame

View looking southwest from
Cobb Street in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.58462°N, 76.44429°W

Elevation:
1,311 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 4 | Panorama

Panorama composition panning south to north



Viewpoint 4 | Single Frame

View looking southwest from
Cobb Street in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.58087°N, 76.44409°W

Elevation:
1,316 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 5A | Panorama

Panorama composition panning west to southwest



Viewpoint 5A | Single Frame

View looking southeast from
Durfee Road in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57913°N, 76.44356°W

Elevation:
1,315 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 5B | Panorama

Panorama composition panning southwest to north



View looking west from Durfee Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57913°N, 76.44356°W

Elevation:
1,315 ft.

Viewpoint 5B | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 6 | Panorama

Panorama composition panning west to east



View looking northwest from
Cobb Street in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57648°N, 76.44377°W

Elevation:
1,312 ft.

Viewpoint 6 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 7 | Panorama

Panorama composition panning south to northwest



Viewpoint 7 | Single Frame

View looking southwest from
Durfee Road in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57926°N, 76.43900°W

Elevation:
1,348 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 8 | Panorama

Panorama composition panning east to west



Viewpoint 8 | Single Frame

View looking south from Durfee Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57919°N, 76.44145°W

Elevation:
1,325 ft.

Yellow Barn Solar

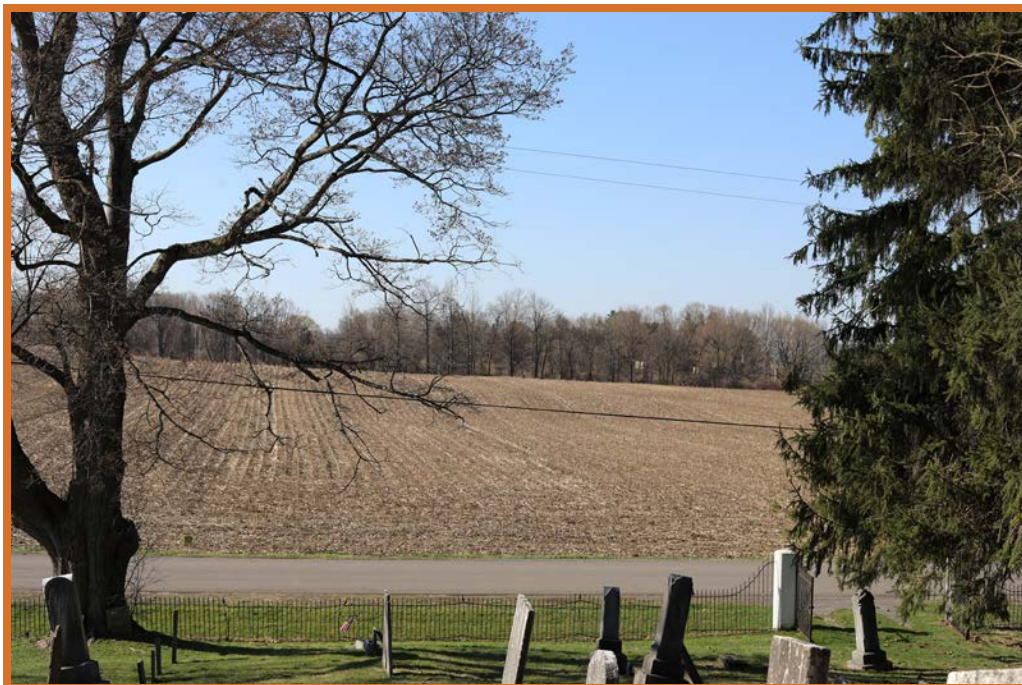
Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 9 | Panorama

Panorama composition panning southeast to west



View looking south from the Cobb Street Cemetery in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57951°N, 76.44173°W

Elevation:
1,339 ft.

Viewpoint selected for simulation development

Viewpoint 9 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 10 | Panorama

Panorama composition panning southwest to north



View looking northwest from the Cobb Street Cemetery in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57962°N, 76.44197°W

Elevation:
1,328 ft.

Viewpoint 10 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 11 | Panorama

Panorama composition panning north to southeast



Viewpoint 11 | Single Frame

View looking northeast from
Sovocool Hill Road in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57482°N, 76.44818°W

Elevation:
1,298 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 12 | Panorama

Panorama composition panning west to east



View looking north from
Sovocool Hill Road in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Foreground

Visually Sensitive Resource(s):
Near Foreground

Coordinates:
42.57478°N, 76.44558°W

Elevation:
1,310 ft.

Viewpoint 12 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 13 | Panorama

Panorama composition panning south to north



View looking northwest from
Sovocool Hill Road in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57502°N, 76.44069°W

Elevation:
1,337 ft.

Viewpoint 13 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 14 | Panorama

Panorama composition panning east to west



Viewpoint 14 | Single Frame

View looking south from
Sovocool Hill Road in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57578°N, 76.41849°W

Elevation:
1,359 ft.

**Viewpoint selected for simulation
development**

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 15 | Panorama

Panorama composition panning east to west



Viewpoint 15 | Single Frame

View looking south from
Sovocool Hill Road in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57597°N, 76.41280°W

Elevation:
1,318 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 16 | Panorama

Panorama composition panning southeast to west



Viewpoint 16 | Single Frame

View looking southwest from Sovocool Hill Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57605°N, 76.41003°W

Elevation:
1,311 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 17 | Panorama

Panorama composition panning south to northwest



Viewpoint 17 | Single Frame

View looking southwest from
Sovocool Hill Road in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Middle Ground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57631°N, 76.40105°W

Elevation:
1,373 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 18 | Panorama

Panorama composition panning southeast to northwest



Viewpoint 18 | Single Frame

View looking southwest from
Smith Road in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Middle Ground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.57972°N, 76.40034°W

Elevation:
1,393 ft.

**Viewpoint selected for simulation
development**

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 19 | Panorama

Panorama composition panning north to southeast



View looking east from Luce Road in the Town of Groton and Lansing,, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.57192°N, 76.45556°W

Elevation:
1,280 ft.

Viewpoint selected for simulation development

Viewpoint 19 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 20 | Panorama

Panorama composition panning northeast to south



Viewpoint 20 | Single Frame

View looking south from Luce Road in the Town of Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.56888°N, 76.45647°W

Elevation:
1,267 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 21 | Panorama

Panorama composition panning north to south



View looking southeast from
Cobb Street in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.56993°N, 76.44346°W

Elevation:
1,322 ft.

Viewpoint 21 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 22 | Panorama

Panorama composition panning north to south



View looking east from Cobb Street in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.56507°N, 76.44320°W

Elevation:
1,333 ft.

Viewpoint selected for simulation development

Viewpoint 22 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 23A | Panorama

Panorama composition panning south to northwest



View looking southeast from Pleasant Valley Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.56094°N, 76.43788°W

Elevation:
1,363 ft.

Viewpoint 23A | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 23B | Panorama

Panorama composition panning northwest to east



Viewpoint 23B | Single Frame

View looking northeast from Pleasant Valley Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.56094°N, 76.43788°W

Elevation:
1,363 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 24 | Panorama

Panorama composition panning southwest to north



Viewpoint 24 | Single Frame

View looking northwest from Pleasant Valley Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.56069°N, 76.43254°W

Elevation:
1,383 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 25 | Panorama

Panorama composition panning west to northeast



View looking northwest from Pleasant Valley Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.55840°N, 76.42707°W

Elevation:
1,403 ft.

Viewpoint 25 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 26 | Panorama

Panorama composition panning east to southwest



Viewpoint 26 | Single Frame

View looking southeast from Van Ostrand Road in the Town of Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.56325°N, 76.46889°W

Elevation:
1,181 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 27 | Panorama

Panorama composition panning east to southwest



View looking southeast from Van Ostrand Road in the Town of Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.55876°N, 76.46866°W

Elevation:
1,164 ft.

Viewpoint 27 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 28 | Panorama

Panorama composition panning northeast to south



View looking southeast from the Intersection of Van Ostrand Road and Buck Road in the Town of Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.55791°N, 76.46862°W

Elevation:
1,166 ft.

Viewpoint 28 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 29 | Panorama

Panorama composition panning northeast to south



View looking southeast from Buck Road in the Town of Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.55789°N, 76.47437°W

Elevation:
1,122 ft.

Viewpoint 29 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 30 | Panorama

Panorama composition panning north to southeast



View looking northeast from Van Ostrand Road in the Town of Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.55518°N, 76.46844°W

Elevation:
1,159 ft.

Viewpoint selected for simulation development

Viewpoint 30 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 31 | Panorama

Panorama composition panning north to southeast



View looking east from Van Ostrand Road in the Town of Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.55059°N, 76.46861°W

Elevation:
1,142 ft.

Viewpoint 31 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 32 | Panorama

Panorama composition panning northeast to south



Viewpoint 32 | Single Frame

View looking east from Van Ostrand Road in the Town of Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.54736°N, 76.46858°W

Elevation:
1,137 ft.

Viewpoint selected for simulation development

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 33 | Panorama

Panorama composition panning northwest to east



Viewpoint 33 | Single Frame

View looking north from Van Ostrand Road in the Town of Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.54459°N, 76.46782°W

Elevation:
1,133 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 34 | Panorama

Panorama composition panning southeast to west



View looking southwest from
Buck Road in the Town of
Lansing, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage
Corridor

Coordinates:
42.55825°N, 76.46466°W

Elevation:
1,195 ft.

Viewpoint 34 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 35 | Panorama

Panorama composition panning east to southwest



Viewpoint 35 | Single Frame

View looking southwest from
Buck Road in the Town of
Lansing, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage
Corridor

Coordinates:
42.56021°N, 76.45849°W

Elevation:
1,238 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 36 | Panorama

Panorama composition panning south to northeast



View looking southwest from the intersection of Scofield Road and Pleasant Valley Road in the Town of Groton and Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.56013°N, 76.45492°W

Elevation:
1,254 ft.

Viewpoint 36 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 37 | Panorama

Panorama composition panning south to northeast



View looking southwest from Pleasant Valley Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.56050°N, 76.45160°W

Elevation:
1,285 ft.

Viewpoint 37 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 38A | Panorama

Panorama composition panning south to north



View looking west from Scofield Road in the Town of Groton and Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.55813°N, 76.45480°W

Elevation:
1,259 ft.

Viewpoint selected for simulation development

Viewpoint 38A | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 38B | Panorama

Panorama composition panning north to southwest



View looking northeast from
Scofield Road in the Town of
Groton and Lansing, Tompkins
County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage
Corridor

Coordinates:
42.55813°N, 76.45480°W

Elevation:
1,259 ft.

Viewpoint 38B | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 39 | Panorama

Panorama composition panning west to northeast



View looking north from Scofield Road in the Town of Groton and Lansing, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
Erie Canalway National Heritage Corridor

Coordinates:
42.55465°N, 76.45457°W

Elevation:
1,258 ft.

Viewpoint 39 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 40 | Panorama

Panorama composition panning west to east



View looking northeast from
Brown Road in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.55182°N, 76.45103°W

Elevation:
1,257 ft.

Viewpoint 40 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 41 | Panorama

Panorama composition panning west to northeast



View looking north from Brown Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.55182°N, 76.44621°W

Elevation:
1,286 ft.

Viewpoint 41 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 42 | Panorama

Panorama composition panning south to northwest



Viewpoint 42 | Single Frame

View looking southwest from
Cobb Street in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.55583°N, 76.44273°W

Elevation:
1,320 ft.

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 43 | Panorama

Panorama composition panning south to northwest



View looking west from Brown Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.55196°N, 76.43955°W

Elevation:
1,333 ft.

Viewpoint selected for simulation development

Viewpoint 43 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 44 | Panorama

Panorama composition panning southeast to west



View looking south from Brown Road in the Town of Groton, Tompkins County, New York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.55206°N, 76.43646°W

Elevation:
1,349 ft.

Viewpoint 44 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach



Viewpoint 45 | Panorama

Panorama composition panning northwest to east



View looking northeast from
Cobb Street in the Town of
Groton, Tompkins County, New
York

Landscape Similarity Zone:
Agricultural/Rural Residential

Distance Zone:
Near Foreground

Visually Sensitive Resource(s):
None Identified

Coordinates:
42.54883°N, 76.44010°W

Elevation:
1,309 ft.

Viewpoint 45 | Single Frame

Yellow Barn Solar

Towns of Groton and Lansing, Tompkins County, New York

Visual Outreach