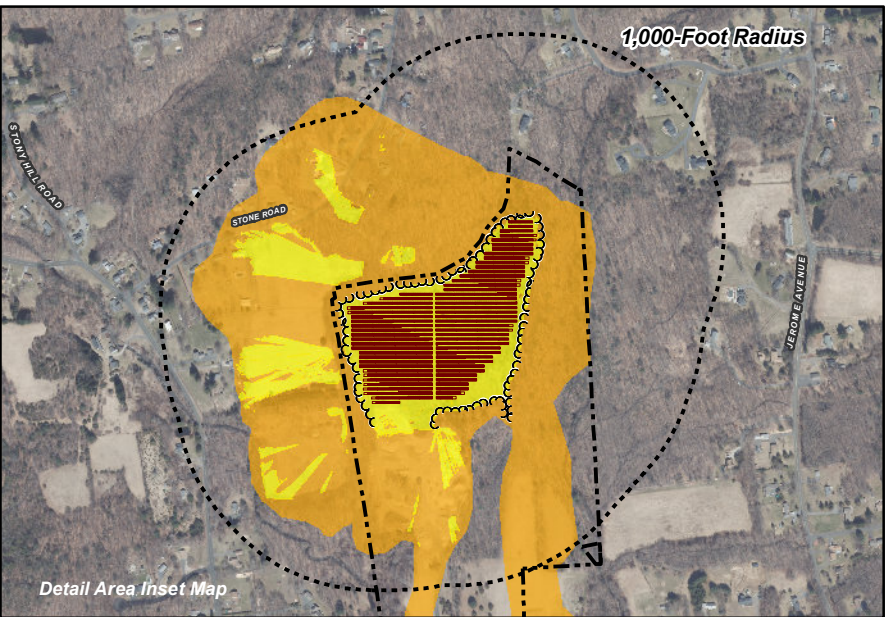
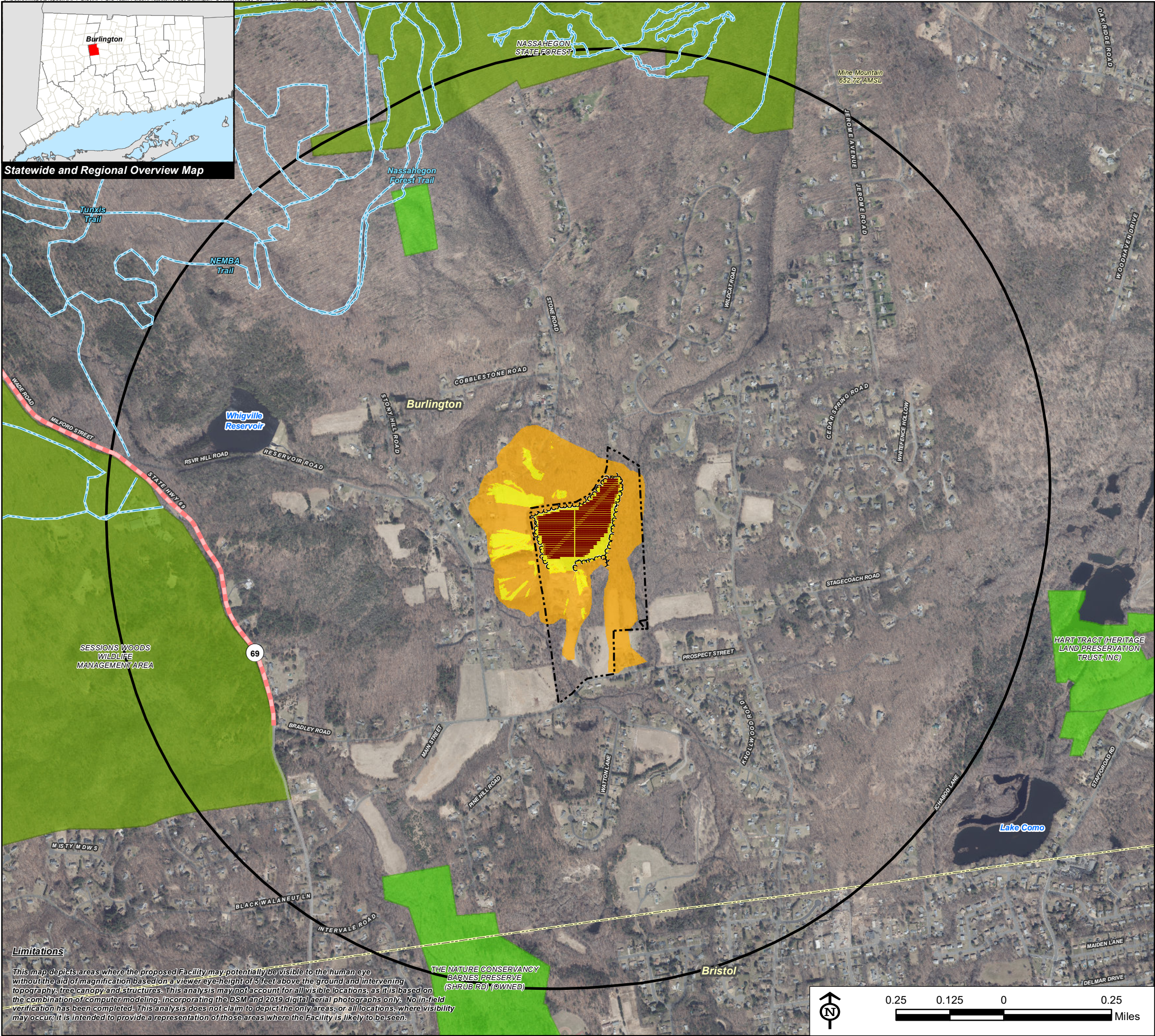




Viewshed Analysis Map

Proposed Solar Facility
Burlington Solar One
85 Prospect Street
Burlington, Connecticut

Proposed solar panels to be mounted on approximate 10' AGL support structures. Forest canopy height and topographic contours are derived from LiDAR data. Study area encompasses a 1-mile radius and includes 2,412 acres. Base Map Source: 2019 Aerial Photograph (CTECO) Map Date: September 2020

Legend

- Site
- Solar Modules
- Treeline (Clearing Limit)
- Study Area (1-Mile Radius)
- Predicted Year-Round Visibility (24 Acres)
- Areas of Potential Seasonal Visibility (69 Acres)
- Municipal Boundary
- Trail
- Scenic Highway
- DEEP Boat Launches
- Municipal and Private Open Space Property
- State Forest/Park
- Protected Open Space Property**
- Federal
- Land Trust
- Municipal
- Private
- State

Data Sources:

Physical Geography / Background Data

A digital surface model (DSM) was created from the State of Connecticut 2016 LiDAR LAS data points. The first return LiDAR LAS values, associated with the highest feature in the landscape (such as a treetop or top of building), were used to capture the natural and built features on the Earth's surface beyond the approximate limits of clearing associated with the proposed solar facility. The "bare-earth" return values were utilized to reflect proposed conditions where vegetative clearing associated with the proposed solar facility would occur.

Municipal Open Space, State Recreation Areas, Trails, County Recreation Areas, and Town Boundary data obtained from CT DEEP. Scenic Roads: CTDOT State Scenic Highways (2015); Municipal Scenic Roads (compiled by APT)

Dedicated Open Space & Recreation Areas

Connecticut Department of Energy and Environmental Protection (DEEP): DEEP Property (May 2007; Federal Open Space (1997); Municipal and Private Open Space (1997); DEEP Boat Launches (1994)

Connecticut Forest & Parks Association, Connecticut Walk Books East & West

Other

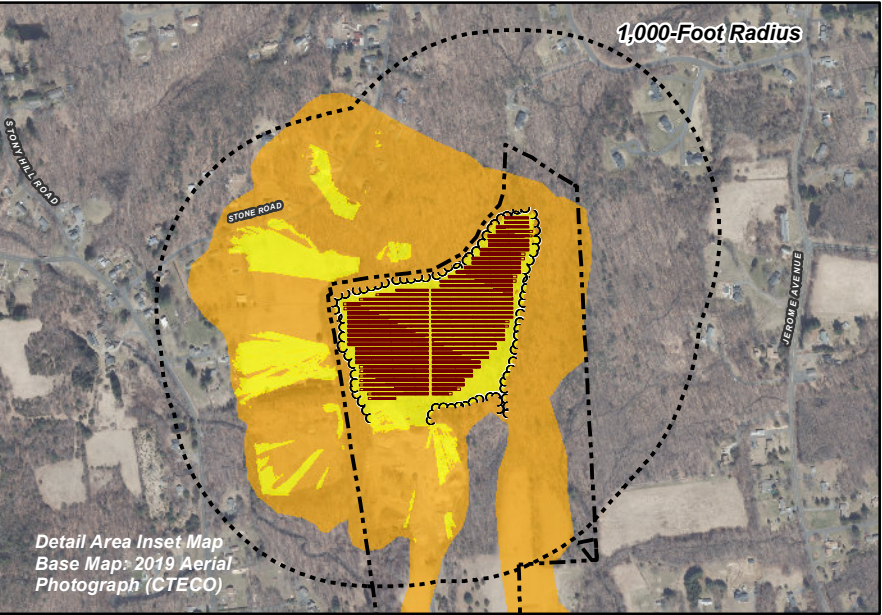
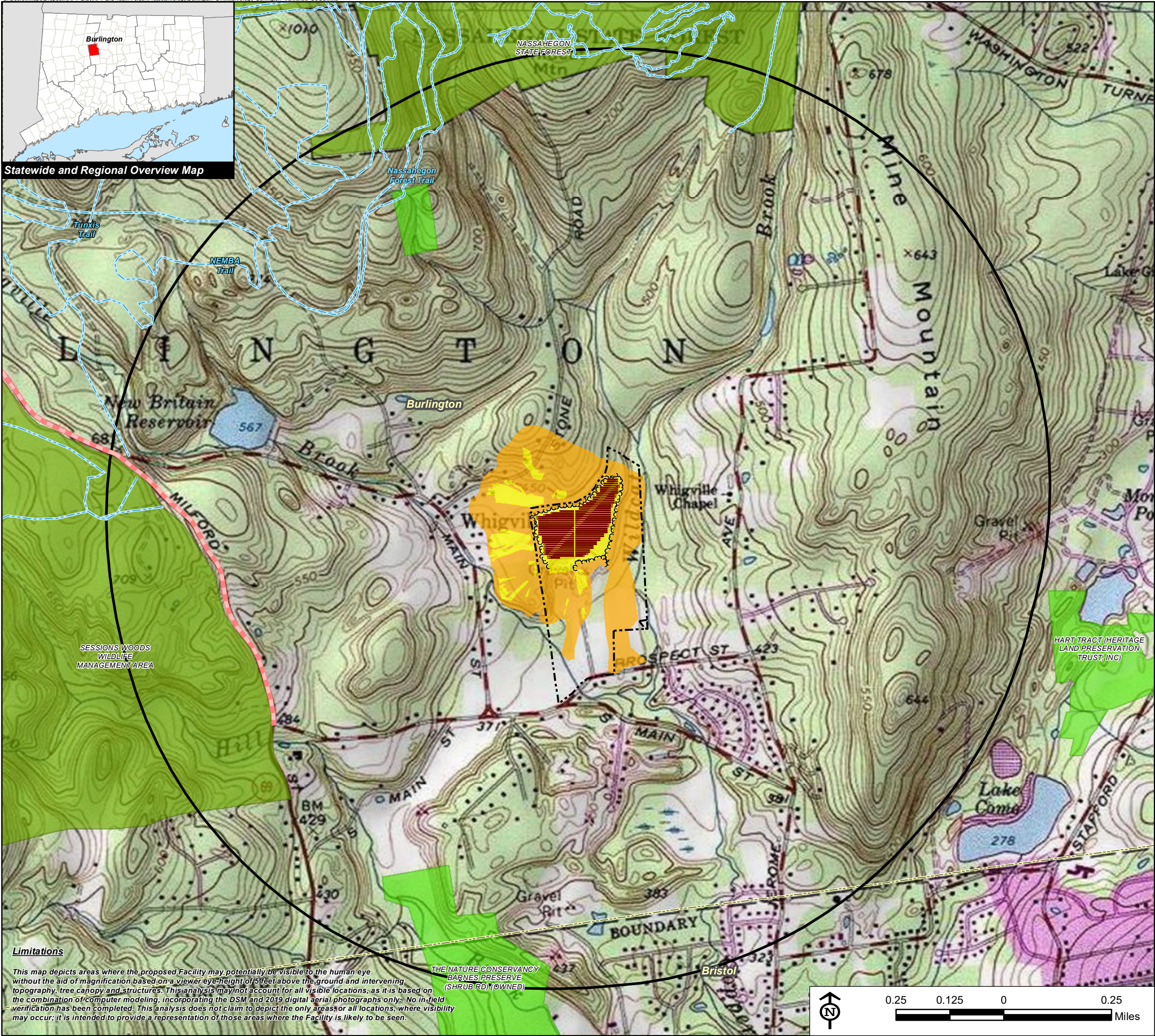
CTDOT Scenic Strips (based on Department of Transportation data)

Notes

****Not all the sources listed above appear on the Viewshed Maps. Only those features within the scale of the graphic are shown.**

Burlington Solar One, LLC





Viewshed Analysis Map

Proposed Solar Facility
Burlington Solar One
85 Prospect Street
Burlington, Connecticut

Proposed solar panels to be mounted on approximate 10' AGL support structures. Forest canopy height and topographic contours are derived from LiDAR data. Study area encompasses a 1-mile radius and includes 2,412 acres. Base Map Source: USGS 7.5 Minute Topographic Quadrangle Map, Bristol, CT (1984) Map Date: September 2020



EXISTING

PICTOMETRY OBLIQUE AERIAL IMAGERY - FACING EAST



PROPOSED

PICTOMETRY OBLIQUE AERIAL IMAGERY - FACING EAST