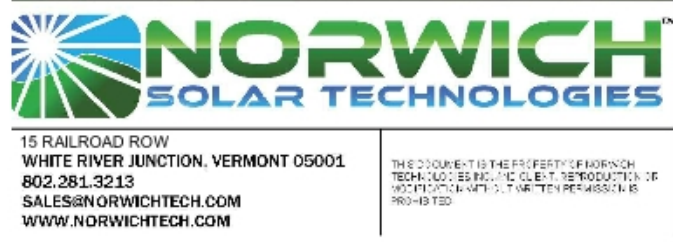


Norwich Upper Loveland Solar LLC

201 Upper Loveland Road
Norwich, Vermont



ISSUED FOR PERMIT REVIEW
NOT FOR CONSTRUCTION

SOURCE DATA LEGEND

MAPPING SOURCE DATA USED FOR PLAN COMPIATION

Electrical Design:

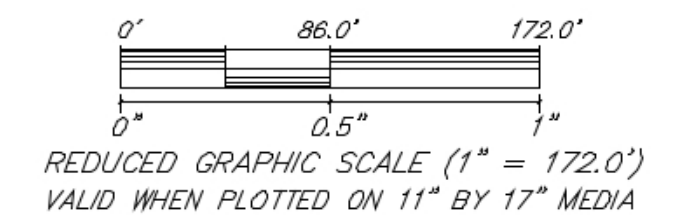
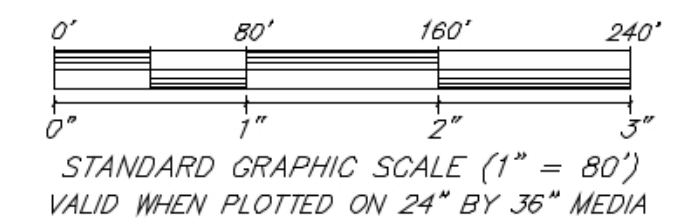
Norwich Solar Technologies
15 Railroad Row
White River Junction, Vermont 05001

Civil Engineering:

Krebs and Lansing Consulting Engineers, Inc.
164 Main Street, Suite 201
Colchester, Vermont 05448

Environmental:

Arrowwood Environmental
950 Bert White Rd
Huntington, Vermont 05462



Proposed Solar Array

REV	REVISIONS/COMMENTS	DATE
1	Revised Impervious area in Impact Area Table	01-17-23

Drawing Title:

PRELIMINARY
SITE PLAN

DATE of Issue: 8/27/2021

Drawn by: JBC

Checked by: JBC

Project No.: 21298

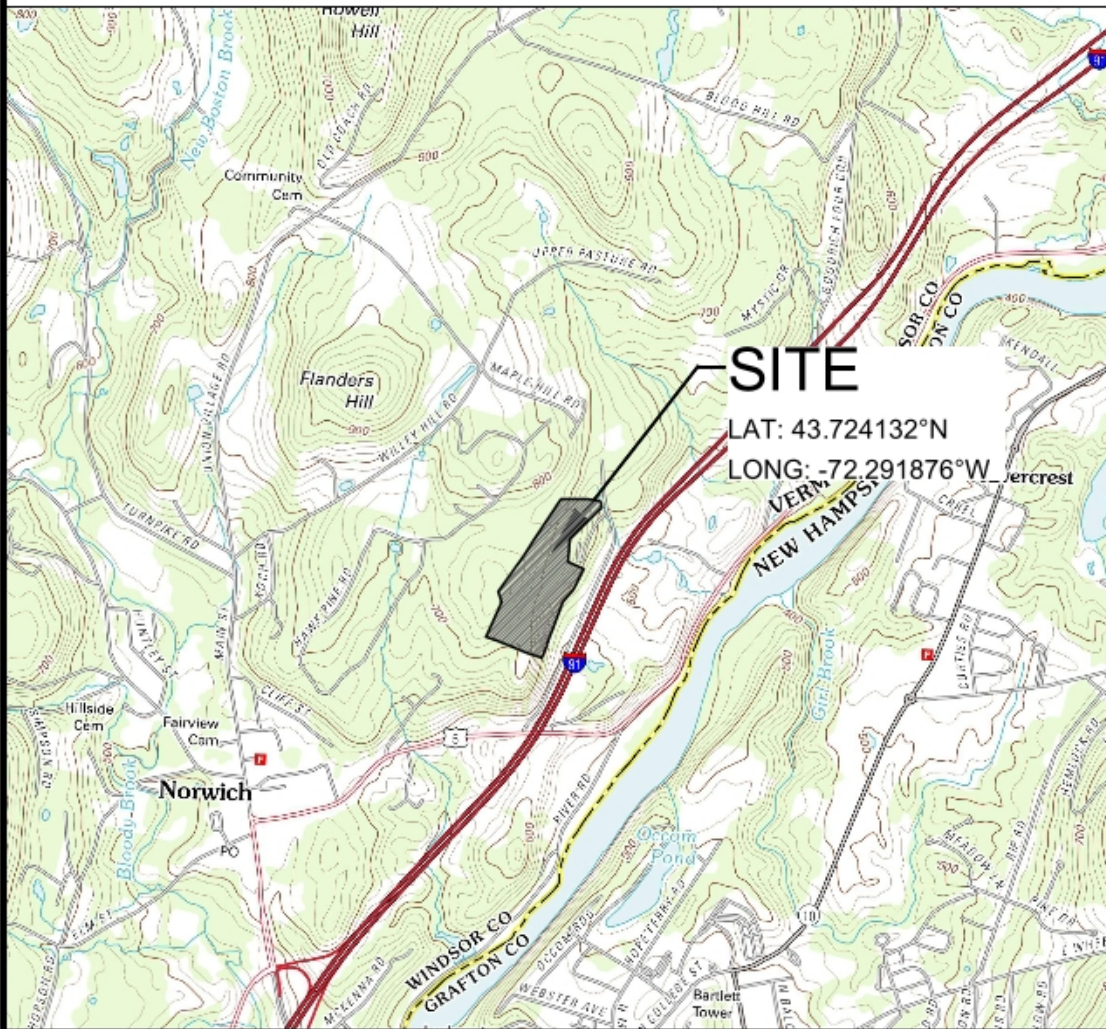
Scale: 1" = 80'

Drawing No.:

Rev No.:

C-100

- LEGEND:**
- EXISTING / PROPOSED POWER POLE
 - EXISTING GRADE CONTOUR LINES (10 FOOT INTERVALS)
 - EXISTING GRADE CONTOUR LINES (2 FOOT INTERVALS)
 - EXISTING OVERHEAD POWER LINES
 - APPROXIMATE PROPERTY LINES
 - APPROXIMATE PROJECT PROPERTY LINES
 - SETBACKS TO SOLAR PANEL RACKING
 - WETLANDS (LOCATED BY AE)
 - WETLAND BUFFER
 - VERNAL POOL (LOCATED BY AE)
 - VERNAL POOL BUFFER
 - MAPPED SOIL BOUNDARY (VCGI)
 - STREAM (LOCATED BY AE)
 - STREAM TOP OF BANK (LOCATED BY AE)
 - RIPARIAN BUFFER
 - PROPOSED 12' GRAVEL ACCESS ROAD
 - PROPOSED UNDERGROUND POWER
 - PROPOSED OVERHEAD POWER
 - PROPOSED PERIMETER FENCE
 - PROPOSED FIXED SOLAR PANEL RACKING
 - PROPOSED STAGING AREA
 - PROPOSED CLEARING AND LIMIT OF DISTURBANCE (LOD)



SETBACK DISTANCES	
POINT OF INTEREST	DISTANCE FROM NEAREST PROJECT STRUCTURE TO POINT OF INTEREST
NORTHERN PROPERTY LINE	555'
EASTERN PROPERTY LINE	65'
SOUTHERN PROPERTY LINE	1,145'
WESTERN PROPERTY LINE	195'
NEAREST RESIDENCE	325'
EDGE OF TRAVELED WAY	455'

NOTES:

- THE HORIZONTAL COORDINATE SYSTEM IS BASED ON NAD83 VERMONT STATE PLANE 4400 (US SURVEY FEET). ELEVATIONS ARE BASED ON THE NAVD88 (US SURVEY FEET).
- EXISTING GROUND ELEVATIONS ARE BASED ON LIDAR DATA FROM VCGI.
- EXISTING UTILITIES SHOWN ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE. CONTRACTOR SHALL CONTACT DIG SAFE BEFORE BEGINNING ANY EXCAVATION.
- THIS IS IN NO WAY A BOUNDARY SURVEY. PROPERTY LINES SHOWN ARE BASED ON TAX MAP INFORMATION PROVIDED BY THE TOWN AND A PLAN ENTITLED "SUBDIVISION PLAT FOR 38 ACRES, LLC, 201 UPPER LOVELAND ROAD, NORWICH, VERMONT" BY ROCKWOOD LAND SERVICES, LLC, DATED 12/17/2019.
- ASPECTS OF PLAN ARE APPROXIMATE AND DERIVED FROM AERIAL PHOTOGRAPHY. FINAL DESIGN WILL BE MODIFIED TO MATCH EQUIPMENT PURCHASED AND POSSIBLE PERMIT CONSTRAINTS REVEALED DURING PROJECT'S REVIEW.

IMPACT AREA CALCULATIONS

	ACRES
IMPERVIOUS SURFACE POST CONSTRUCTION Proposed Access Drive and Misc. project equipment	±0.10
LIMIT OF DISTURBANCE (LOD)	±8.20
According to Vermont DEC, all areas of the solar site have the potential for ground disturbance under the stormwater permit due to driving vehicles or other activities during construction. The project will limit the disturbance to the extent practical. For the State construction stormwater discharge permit we will consider the entire site disturbed.	
TOTAL PRIME AG SOILS WITHIN PROJECT LOD	0.0
TOTAL PRIME AG SOILS DISTURBED FROM EXCAVATION	0.0

