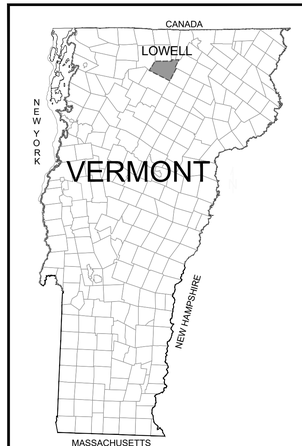
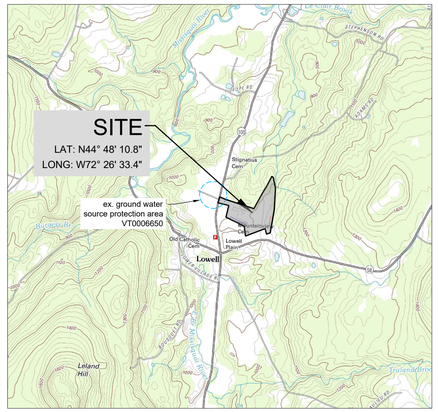
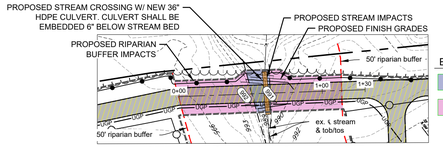




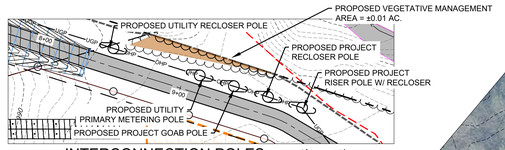
LOCATION MAP
SCALE: 1" = 1/2 Mile

NOTES:

1. ASPECTS OF PLAN ARE APPROXIMATE AND DERIVED FROM AERIAL PHOTOGRAPHY.
2. THE HORIZONTAL COORDINATE SYSTEM IS BASED ON NAD83 VERMONT STATE PLANE 4400 (US SURVEY FEET). ELEVATIONS ARE BASED ON THE NAVD88 (US SURVEY FEET).
3. EXISTING GROUND CONTOUR ELEVATIONS ARE BASED ON A TOPOGRAPHIC SURVEY BY KREBS & LANSING IN AUGUST 2025 AND LIDAR DATA PROVIDED BY THE VERMONT CENTER FOR GEOGRAPHIC INFORMATION.
4. UTILITIES ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE, CONTRACTOR SHALL CONTACT DIG SAFE BEFORE BEGINNING ANY EXCAVATION.
5. THIS IS IN NO WAY A BOUNDARY SURVEY. PROPERTY LINES FOR PROPERTY ARE FROM BOUNDARY MONUMENTATION FOUND IN THE FIELD AND LAND RECORDS RESEARCH.
6. PRIMARY AGRICULTURAL SOILS (PAS) ON THE PROJECT SITE SHALL BE PRESERVED IN A MANNER THAT ALLOWS FOR COMPLETE RESTORATION DURING PROJECT DECOMMISSIONING. CONTRACTOR STORE EXCAVATED PAS SOIL IN ACCORDANCE WITH AAFM GUIDELINES, "ACT 250 PROCEDURE: RECLAMATION OF VERMONT AGRICULTURAL SOILS".
7. SOIL EXCAVATION FOR CONDUIT TRENCHING IN PAS WILL BE REMOVED AND THEN BACKFILLED IN THE SAME SOIL LAYERS. SOIL DISPLACED BY INSTALLATION OF CONDUIT IS NEGLIGIBLE. IF SAND BEDDING IS REQUIRED THEN IT WILL BE STORED IN THE PAS STOCKPILE AREAS.
8. WIRING WITHIN THE SOLAR ARRAY SHALL BE EITHER UNDERGROUND OR AN ABOVE GROUND WIRE MANAGEMENT SYSTEM. A DETAIL OF THE TYPICAL CAB ABOVE GROUND WIRE MANAGEMENT SYSTEM IS SHOWN ON SHEET C-107.
9. THIS IS A PRELIMINARY DESIGN PLAN. FINAL DESIGN WILL BE MODIFIED TO MATCH EQUIPMENT PURCHASED AND POSSIBLE PERMIT CONSTRAINTS REVEALED DURING PROJECT'S REVIEW.
10. SEE SHEET C-103 FOR EROSION PREVENTION & SEDIMENT CONTROL PLAN AND NOTES.



STREAM CROSSING
SCALE: 1" = 50'



INTERCONNECTION POLES
SCALE: 1" = 50'

ENVIRONMENTAL IMPACTS LEGEND

- PROPOSED STREAM IMPACT
- PROPOSED RIPARIAN BUFFER IMPACT

SETBACK DISTANCES

POINT OF INTEREST	DISTANCE FROM NEAREST SOLAR PANEL/SUPPORT STRUCTURE TO POINT OF INTEREST
NORTHERN PROPERTY LINE	±50'
EASTERN PROPERTY LINE	±78'
SOUTHERN PROPERTY LINE	±80'
WESTERN PROPERTY LINE	±126'
NEAREST OFF SITE RESIDENCE	±297'
VT ROUTE 100	±553'
VT ROUTE 58	±508'

LEGEND

- EXISTING/PROPOSED POWER POLE
- EXISTING TREE
- APPROXIMATE PROPERTY LINES
- PROJECT PARCEL PROPERTY LINE
- EXISTING OVERHEAD POWER
- EXISTING GRADE CONTOUR LINES (5 FOOT INTERVALS)
- EXISTING GRADE CONTOUR LINES (1 FOOT INTERVALS)
- LIMITS OF K&L TOPOGRAPHIC SURVEY
- SOLAR SETBACKS
- EXISTING TREELINE
- EXISTING STONE WALL
- WETLAND
- GROUNDWATER SPA
- CENTERLINE STREAM
- STREAM TOB/TOS
- LIMITS OF DEER WINTERING AREA
- 100' SETBACK FROM DWA
- ENVIRONMENTAL BUFFER
- NRCS SOIL DELINEATION
- PROPOSED PERIMETER FENCING
- PROPOSED FINISH GRADE CONTOUR
- PROPOSED OVERHEAD POWER
- PROPOSED UNDERGROUND POWER
- PROPOSED FIXED TILT SOLAR RACKING
- PROPOSED 12' WIDE GRAVEL ACCESS ROAD
- PROPOSED PERMEABLE GRAVEL ACCESS ROAD OR TEMPORARY GRAVEL ACCESS ROAD FOR CONSTRUCTION
- PROPOSED VEGETATIVE MANAGEMENT AREA
- PROPOSED CONSTRUCTION STAGING AREA
- PROPOSED PRIME AG SOIL STOCKPILE AREA
- PROPOSED LIMITS OF DISTURBANCE
- ORIGINAL PROPOSED PERIMETER FENCING

PROJECT AREA CALCULATIONS

PROJECT AREA	AREA (S.F.)	AREA (AC.)
Project Parcel Area	1,912,284	43.90
Area within Perimeter Fence	953,151	21.88
Area within LOD	1,337,118	30.70

IMPERVIOUS AREA	AREA (S.F.)	AREA (AC.)
Ex. Impervious	3,671	0.08
Proposed Gravel Drive	16,513	0.38
Proposed Eq. Pads	1,312	0.03
Total Impervious (Post Construction)	21,496	0.49

POTENTIAL DISTURBED SOILS	AREA (S.F.)	AREA (AC.)
Proposed Gravel Drives (pervious & impervious)	28,081	0.64
Proposed equipment pads	1,312	0.03
Solar Racking Posts	2,500	0.06
Trenching	8,000	0.18
Disturbed from grading for pads & roads	10,000	0.23
TOTAL SUBJECT TO CONSTRUCTION STORMWATER PERMIT	1,337,118	30.70

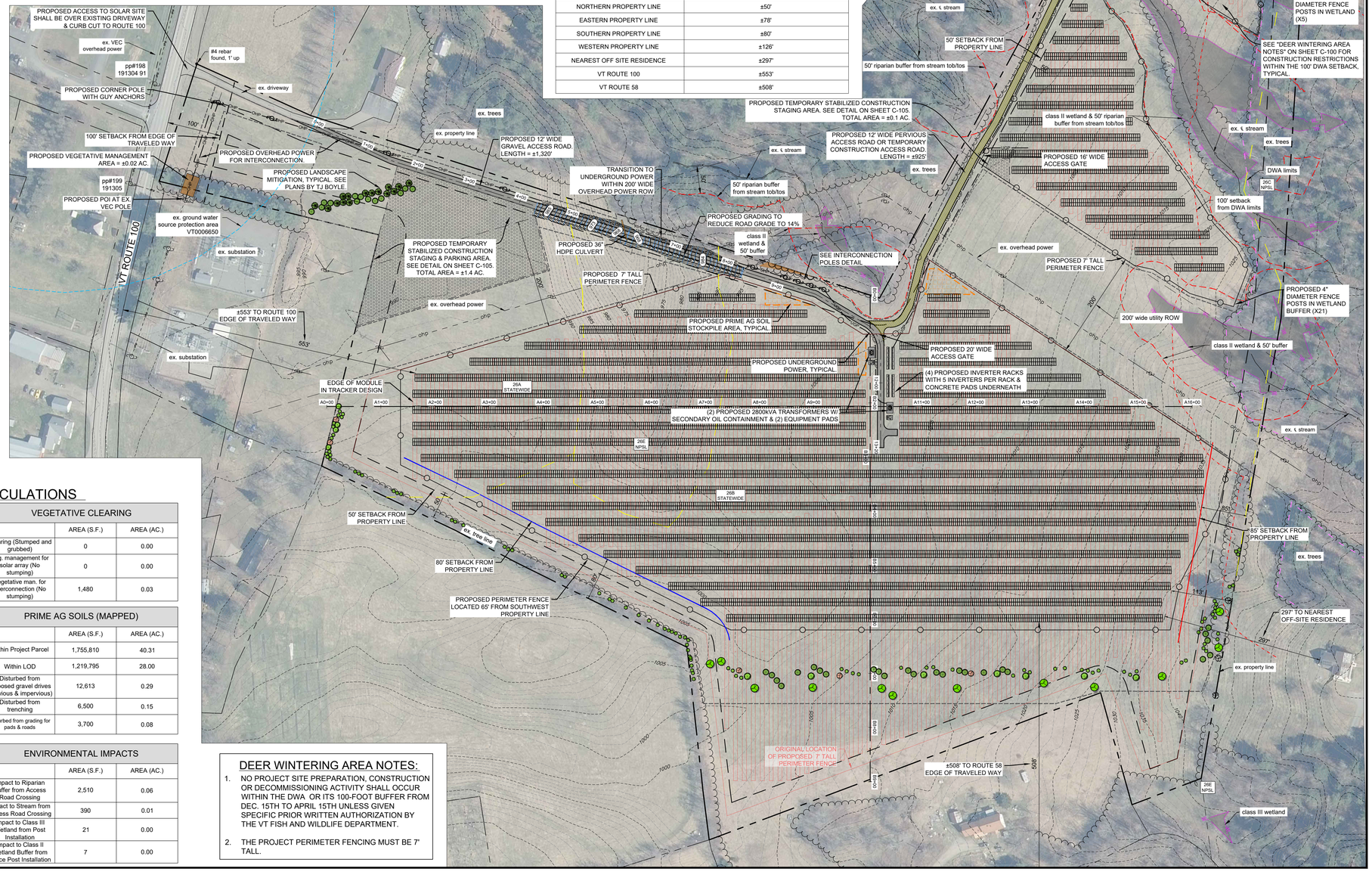
VEGETATIVE CLEARING	AREA (S.F.)	AREA (AC.)
Clearing (Stumped and grubbed)	0	0.00
Veg. management for solar array (No stumping)	0	0.00
Vegetative man. for interconnection (No stumping)	1,480	0.03

PRIME AG SOILS (MAPPED)	AREA (S.F.)	AREA (AC.)
Within Project Parcel	1,755,810	40.31
Within LOD	1,219,795	28.00
Disturbed from proposed gravel drives (pervious & impervious)	12,613	0.29
Disturbed from trenching	6,500	0.15
Disturbed from grading for pads & roads	3,700	0.08

ENVIRONMENTAL IMPACTS	AREA (S.F.)	AREA (AC.)
Impact to Riparian Buffer from Access Road Crossing	2,510	0.06
Impact to Stream from Access Road Crossing	390	0.01
Impact to Class III Wetland from Post Installation	21	0.00
Impact to Class II Wetland Buffer from Fence Post Installation	7	0.00

DEER WINTERING AREA NOTES:

1. NO PROJECT SITE PREPARATION, CONSTRUCTION OR DECOMMISSIONING ACTIVITY SHALL OCCUR WITHIN THE DWA OR ITS 100-FOOT BUFFER FROM DEC. 15TH TO APRIL 15TH UNLESS GIVEN SPECIFIC PRIOR WRITTEN AUTHORIZATION BY THE VT FISH AND WILDLIFE DEPARTMENT.
2. THE PROJECT PERIMETER FENCING MUST BE 7' TALL.



NORTHLAND SOLAR PROJECT

VT Route 100
Lowell, Vermont

Northland Solar LLC
PO Box 1204
Manchester Center, VT 05255
www.mhgsolar.com

KREBS & LANSING CONSULTING ENGINEERS
164 Main Street, Suite 201
Colchester, Vermont 05446
P: (802) 878-0375
www.krebsandlansing.com

ISSUED FOR PERMIT REVIEW
NOT FOR CONSTRUCTION

SOURCE DATA LEGEND

MAPPING SOURCE DATA USED FOR PLAN COMPILATION

Civil Engineering:
Krebs and Lansing Consulting Engineers, Inc.
164 Main Street, Suite 201
Colchester, Vermont 05446

Environmental:
Arrowwood Environmental
950 Bert White Road
Huntington, Vermont 05462

Landscape Architect:
T.J. Boyle Associates, LLC
301 College Street
Burlington, Vermont 05401

0' 50' 100' 200' 300'
0" 1" 2" 3"
STANDARD GRAPHIC SCALE (1" = 100')
VALID WHEN PLOTTED ON 24" BY 36" MEDIA

0' 109.1' 218.2'
0" 0.5" 1"
REDUCED GRAPHIC SCALE (1" = 218.2')
VALID WHEN PLOTTED ON 11" BY 17" MEDIA

Proposed Solar Array

REV. NO.	REVISIONS/COMMENTS	DATE
A	Revise to fixed tilt (25', 16' between rows), increase setbacks along south and southeastern property lines, update landscaping, revise LOD, update LOD area and PAS impacts within LOD on table.	5/12/26

Drawing Title:
SITE PLAN

DATE of Issue: 09/29/25
Drawn by: CPG
Checked by: SDG
Project No.: 25222
Scale: 1" = 100'
Drawing No.: C-100
Rev No.: A