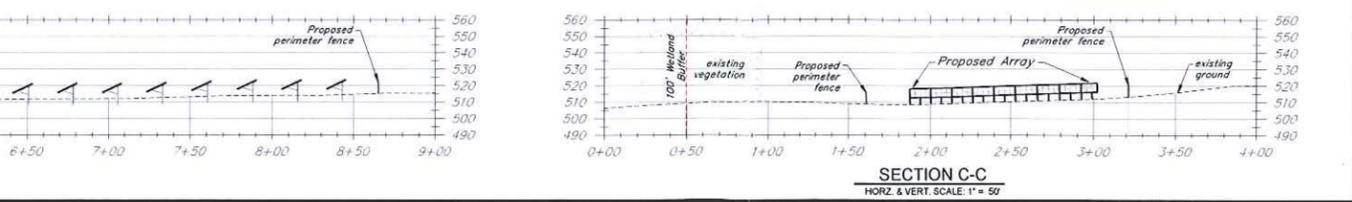
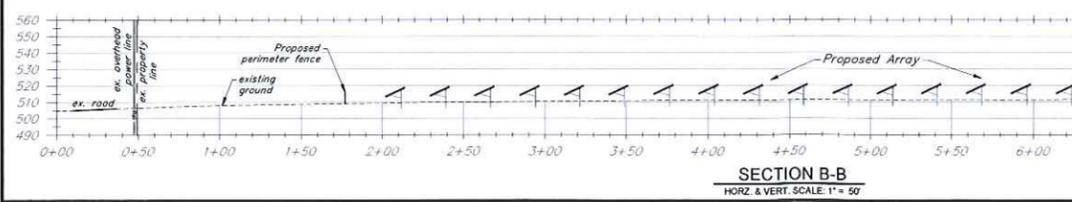
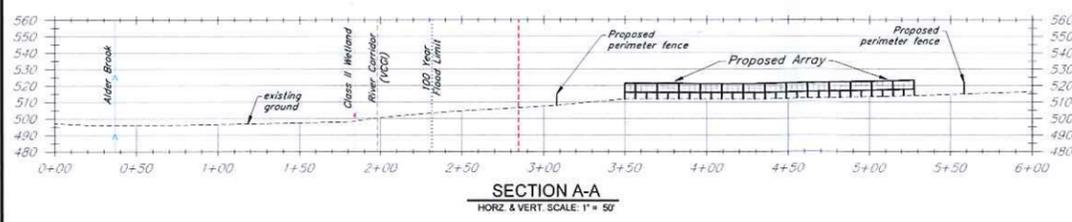


- NOTES:**
- ASPECTS OF PLAN ARE APPROXIMATE AND DERIVED FROM AERIAL PHOTOGRAPHY.
 - THE HORIZONTAL COORDINATE SYSTEM IS BASED ON NAD83 VERMONT STATE PLANE 4400 (US SURVEY FEET). ELEVATIONS ARE BASED ON THE NAVD83 (US SURVEY FEET).
 - EXISTING GROUND CONTOUR ELEVATIONS ARE BASED ON 2007 CHITTENDEN COUNTY LIDAR FROM THE VERMONT CENTER FOR GEOGRAPHIC INFORMATION.
 - UTILITIES ARE NOT WARRANTED TO BE COMPLETE OR ACCURATE. ALL CONTRACTORS SHALL CONTACT DIG SAFE BEFORE BEGINNING ANY EXCAVATION.
 - THIS IS IN NO WAY A BOUNDARY SURVEY. PROPERTY LINES SHOWN ON THIS PLAN ARE BASED ON TAX MAP INFORMATION PROVIDED BY THE TOWN OF ESSEX.
 - THIS IS A PRELIMINARY DESIGN PLAN. FINAL DESIGN WILL BE MODIFIED TO MATCH EQUIPMENT PURCHASED AND POSSIBLE PERMIT CONSTRAINTS REVEALED DURING PROJECT'S REVIEW.

- PROJECT AREA CALCULATIONS**
- PROPOSED TREE CLEARING**
- No Clearing is proposed
- PROPOSED EXCAVATED SOIL**
- Installation of access drive = ±2,500 s.f.
 - Underground electric utility work = ±3,500 s.f.
 - Installation for solar racking, proposed power pole & fence posts = ±500 s.f.
 - Misc other disturbances and construction staging in uplands = ±30,000 s.f.
 - Total Disturbance = ±36,500 s.f. (±0.84 Acres)
- PROPOSED IMPERVIOUS AREA**
- Access drive = ±2,500 s.f.
 - Total Project Impervious Post Construction = 2,500 s.f. (0.06 Acres)
- PROPOSED PROJECT LIMITS**
- Completed Project Limits (defined by the edge of proposed fence) = ±3.42 Acres
- WETLANDS**
- No proposed wetland or wetland buffer disturbance

- LEGEND**
- EXISTING POWER POLE / PROPOSED POLE
 - EXISTING TREELINE
 - EXISTING OVERHEAD POWER LINES
 - EXISTING GRADE CONTOUR LINES (5 FOOT INTERVALS)
 - EXISTING GRADE CONTOUR LINES (1 FOOT INTERVALS)
 - PROJECT PROPERTY LINE
 - 50' PROPERTY LINE SETBACK
 - EXISTING STREAM FROM VCGI
 - RIVER CORRIDOR FROM VCGI
 - APPROXIMATE LIMIT OF FLOOD ZONES TRACED FROM FEMA FIRM PANEL 50007C0162D DATED JULY 18, 2011
 - FLOOD ZONE C, 100 YEAR FLOOD ZONE TRACED FROM FEMA FIRM PANEL 50007C0162D DATED JULY 18, 2011
 - WETLAND DELINEATED BY ARROWWOOD ENVIRONMENTAL
 - 100' WETLAND BUFFER
 - PROPOSED TREELINE
 - PROPOSED FIXED SOLAR PANEL RACKING
 - PROPOSED OVERHEAD POWER LINES
 - PROPOSED UNDERGROUND POWER LINES
 - PROPOSED PERIMETER FENCING
 - PROPOSED GRAVEL ACCESS DRIVE
 - PROPOSED GROUP OF STRING INVERTERS
 - AREAS FOR POSSIBLE LANDSCAPE MITIGATION, SEE PLANS BY SE GROUP



SolarSense VT IX LLC

Colonel Page Road
Essex, Vermont

ALTERNATIVE ENERGY DEVELOPMENT GROUP

K&L Krebs & Lansing Consulting Engineers, Inc.
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T: (802) 878-0375
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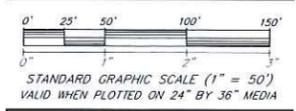
ISSUED FOR PERMIT REVIEW
NOT FOR CONSTRUCTION

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

Electrical Engineering:
Brian Browning
Solar Power Engineering
272 Spring Hollow Lane
Montpelier, Vermont 05602

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



Proposed
496kW
Solar Array

RECEIVED

APR 12 2016

TOWN OF ESSEX
COMMUNITY DEV. OFFICE

Drawing Title:
PRELIMINARY SITE PLAN

DATE of Issue: 03/18/16
Drawn by: GTD Checked by: IAJ
Project No.: 16127 Scale: 1" = 50'
Drawing No.: C-100 Rev No.: