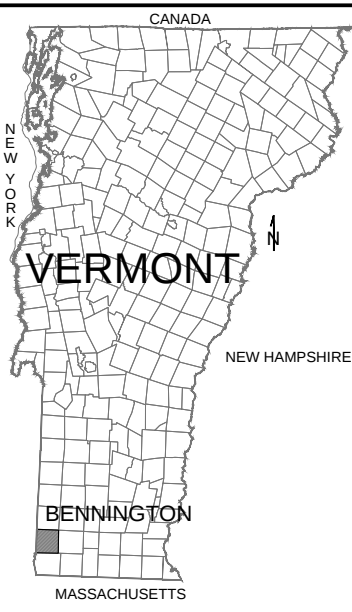
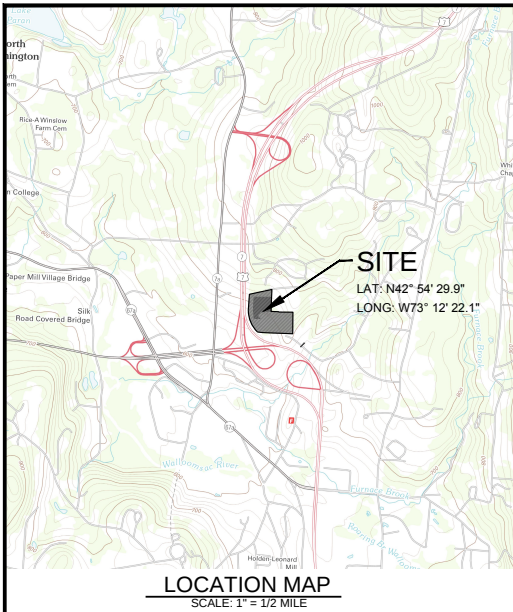




NOTES:

- 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 NAVD88 (US SURVEY FEET).
- EXISTING GROUND CONTOUR ELEVATIONS ARE BASED ON STATE OF VERMONT LIDAR INFORMATION FROM VERMONT CENTER FOR GEOGRAPHIC INFORMATION (VCGI).
- UTILITIES 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 ON THIS PLAN ARE BASED ON TOWN TAX MAP INFORMATION.
- THIS IS A PRELIMINARY DESIGN PLAN. FINAL DESIGN WILL BE MODIFIED TO MATCH EQUIPMENT PURCHASED AND POSSIBLE PERMIT CONSTRAINTS REVEALED DURING PROJECT'S REVIEW.

LEGEND

- EXISTING POWER POLE / PROPOSED POLE
- EXISTING OVERHEAD POWER
- EXISTING TREELINE
- EXISTING GRADE CONTOUR LINES (10 FOOT INTERVALS)
- EXISTING GRADE CONTOUR LINES (2 FOOT INTERVALS)
- APPROXIMATE PROPERTY LINES
- DELINEATED WETLANDS
- ENVIRONMENTAL BUFFERS
- EXISTING STREAM FROM VCGI
- EXISTING SOIL FROM VCGI
- PROJECT SETBACKS
- PROPOSED PERIMETER FENCING
- PROPOSED ACCESS DRIVES
- PROPOSED FIXED SOLAR PANEL RACKING
- PROPOSED UNDERGROUND POWER
- PROPOSED OVERHEAD POWER
- PROPOSED LIMITS OF CLEARING
- CLEARED AREAS WHICH WILL BE FULLY DISTURBED
- CLEARED AREAS WITH MINIMAL DISTURBANCE
- APPLE HILL PROJECT AREA

PROJECT AREA CALCULATIONS

PROPOSED CLEARING

- Areas cleared that will be stumped, grubbed and graded to consistent slopes (access drive, power skid, secondary oil containment, underground electric trench) = ±1.25 Acres
- Areas cleared, trees cut flush and stumps left in place = ±7.93 Acres
- Total Clearing = ±9.18 Acres

PROPOSED EXCAVATED SOIL

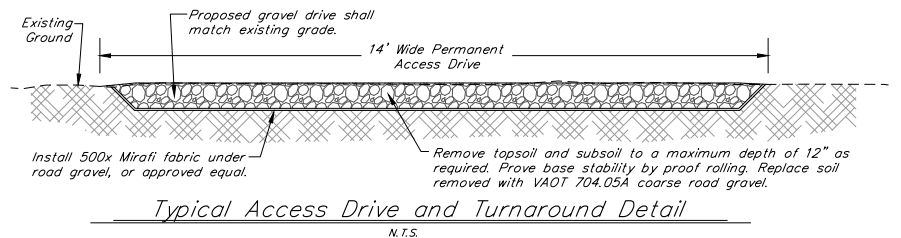
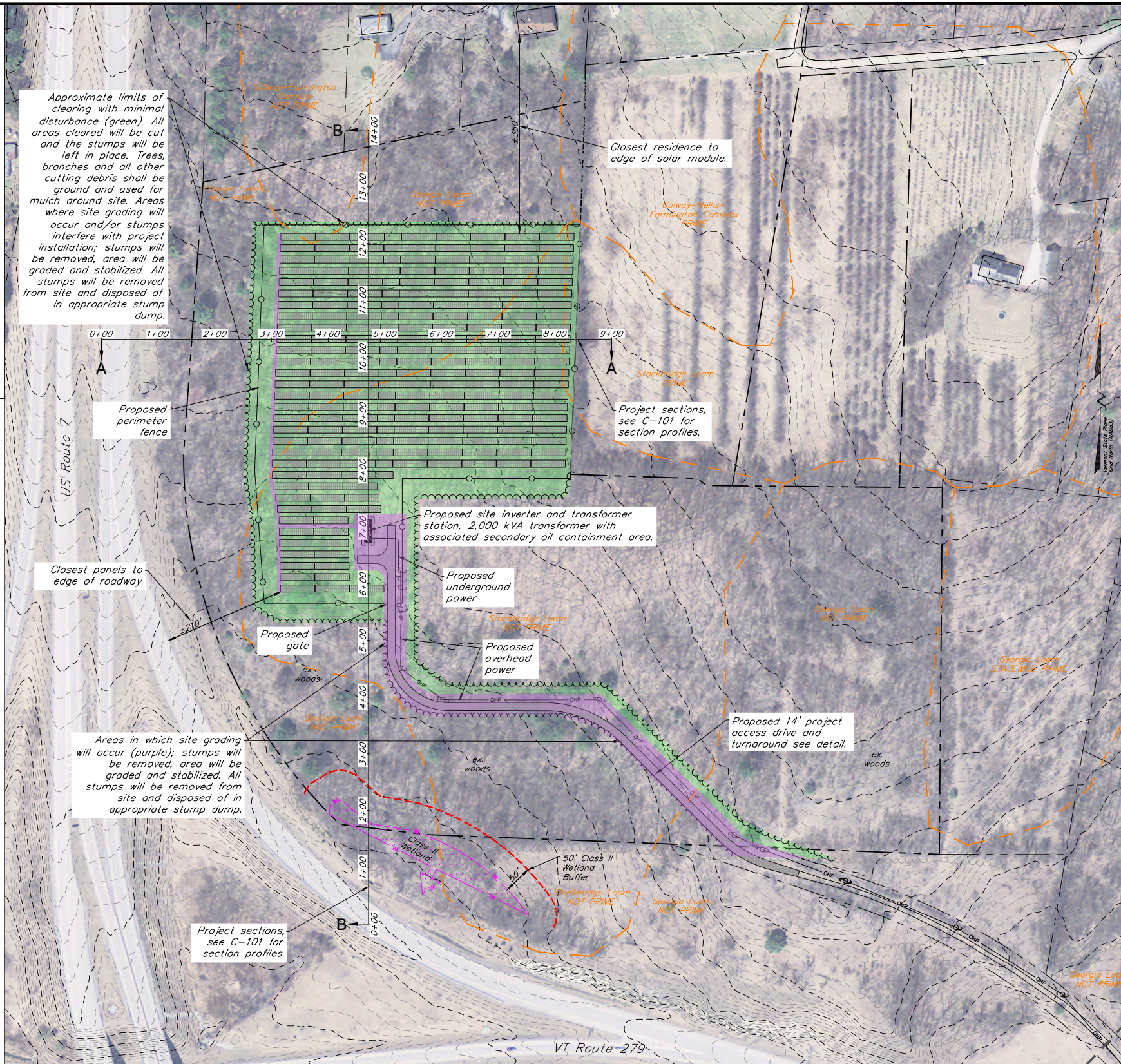
- Areas cleared that will be stumped, grubbed and graded to consistent slopes (access drive, power skid, secondary oil containment, underground electric trench) = ±1.25 Acres (54,588 s.f.)
- Proportion (30%) of the remaining cleared areas disturbed while clearing (suffing) = ±2.36 Acres (102,749 s.f.)
- Installation for solar racking, fence posts & proposed power poles = ±0.11 Acres (5,000 s.f.)
- Misc. other disturbances and construction staging in uplands = ±1.15 Acres (50,000 s.f.)
- Total Disturbance = ±4.87 Acres (212,337 s.f.)

PROPOSED IMPERVIOUS AREA

- Permanent gravel access drive = ±16,500 s.f.
- Installation of inverter and transformer stations with secondary oil containment = ±1,500
- Total Project Impervious Post Construction = ±18,000 s.f. (±0.41 Acres)

PROPOSED PROJECT LIMITS

- Completed Combined Project Limits (defined by the edge of proposed fence) = ±7.0 Acres



CHELSEA SOLAR

Willow Road
Bennington, Vermont,



ecos
ENERGY

222 SOUTH 9TH STREET
SUITE 1600
MINNEAPOLIS, MN 55402



Krebs & Lansing Consulting Engineers, Inc.
164 Main Street, Suite 201
Colchester, VT 05446
T: (802) 878-0375
F: (802) 878-9618
email@kresbandlansing.com
kresbandlansing.com

ISSUED FOR PERMIT REVIEW
NOT FOR CONSTRUCTION

SOURCE DATA LEGEND

MAPPING SOURCE DATA USED FOR PLAN COMPILATION

Civil Engineering:

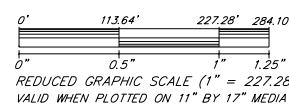
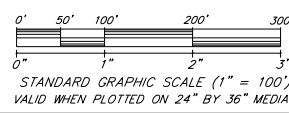
Krebs and Lansing Consulting Engineers, Inc.
164 Main Street, Suite 201
Colchester, Vermont 05446

Electrical Engineering:

ECOS Energy
222 South 9th Street
Minneapolis, MN 55402

Environmental:

Arrowood Environmental
950 Bert White Road
Huntington, Vermont 05462



Proposed 2.0 MW-AC Solar Array

SET REV	REVISIONS/COMMENTS	DATE

Drawing Title:

45 DAY NOTICE:
PRELIMINARY
SITE PLAN

DATE of Issue: 10/13/17

Drawn by: CTD

Checked by: IAJ

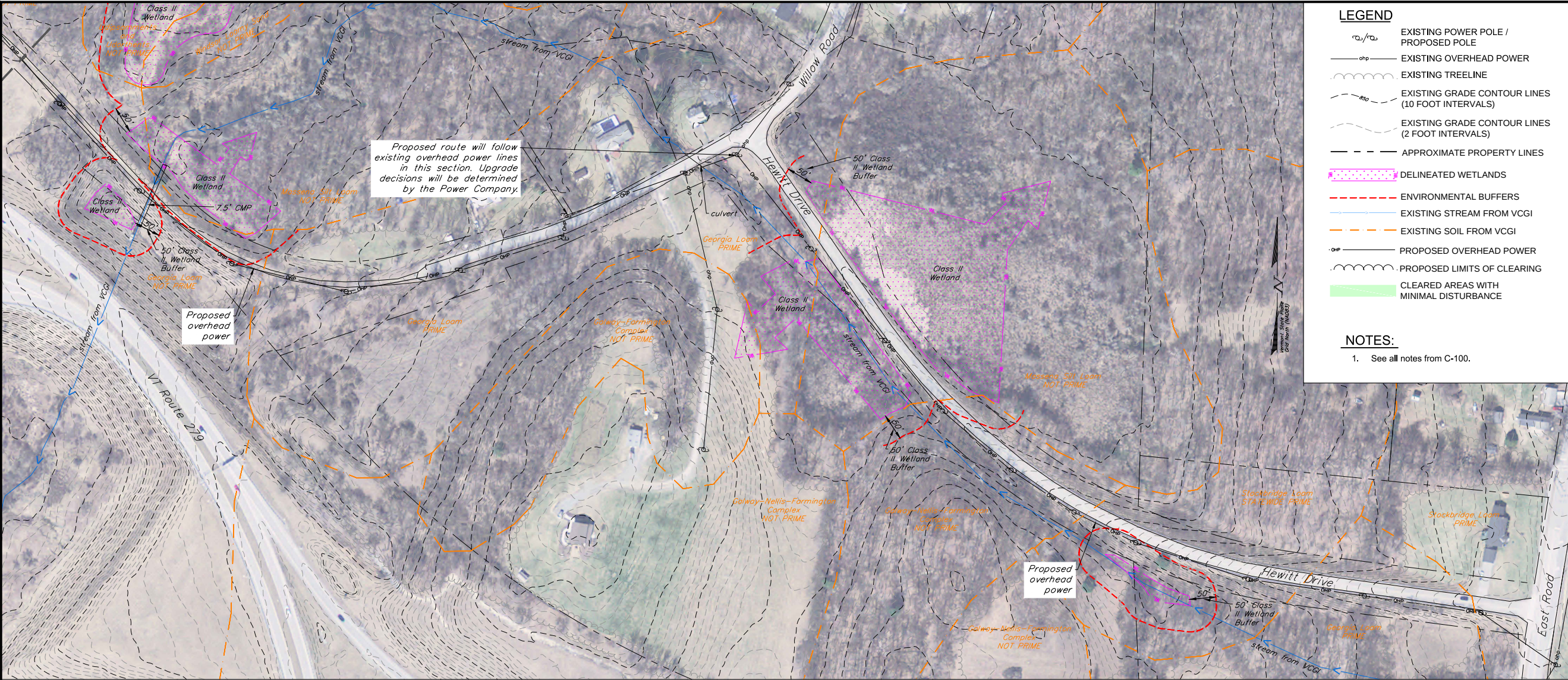
Project No.: 17272

Scale: 1" = 100'

Drawing No.:

Rev No.:

C-100



CHELSEA SOLAR

Willow Road
Bennington, Vermont,

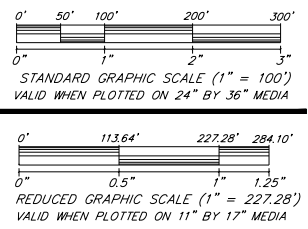
ecos ENERGY

222 SOUTH 9TH STREET
SUITE 1600
MINNEAPOLIS, MN 55402

K&L Krebs & Lansing Consulting Engineers, Inc.
164 Main Street, Suite 201
Colchester, VT 05446
T: (802) 878-0375
F: (802) 878-9618
email@kresandlansing.com
kresandlansing.com

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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:
ECOS Energy 222 South 9th Street Minneapolis, MN 55402
Environmental:
Arrowood Environmental 950 Bert White Road Huntington, Vermont 05462



Proposed
2.0 MW-AC
Solar Array

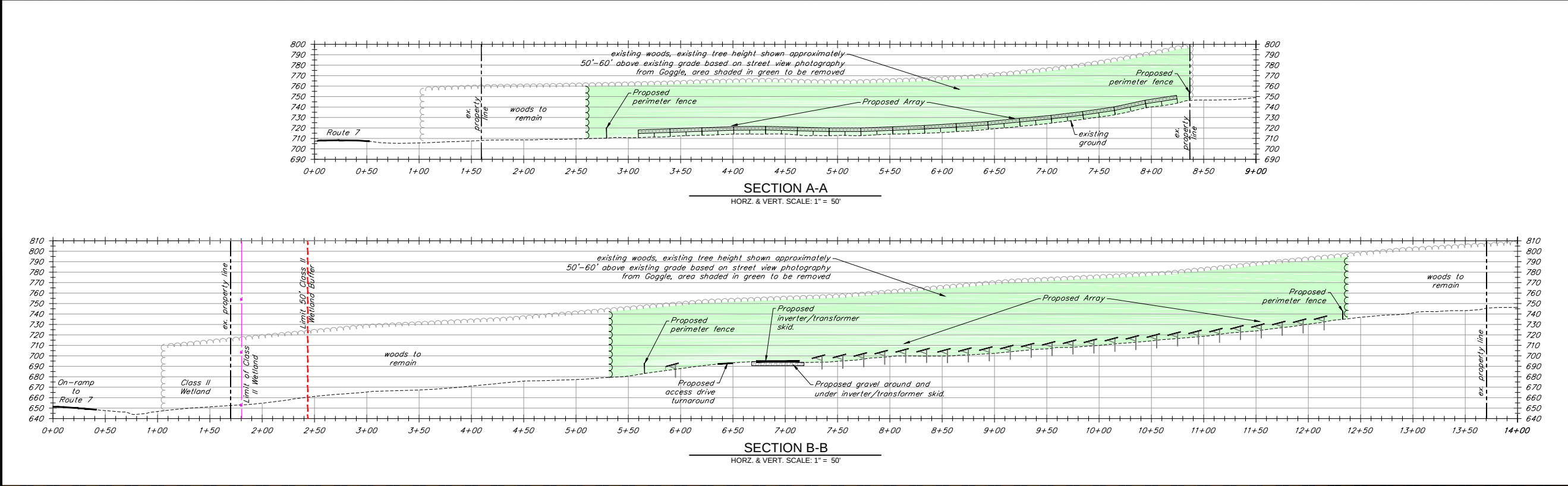
SET	REVISIONS/COMMENTS	DATE
REV		

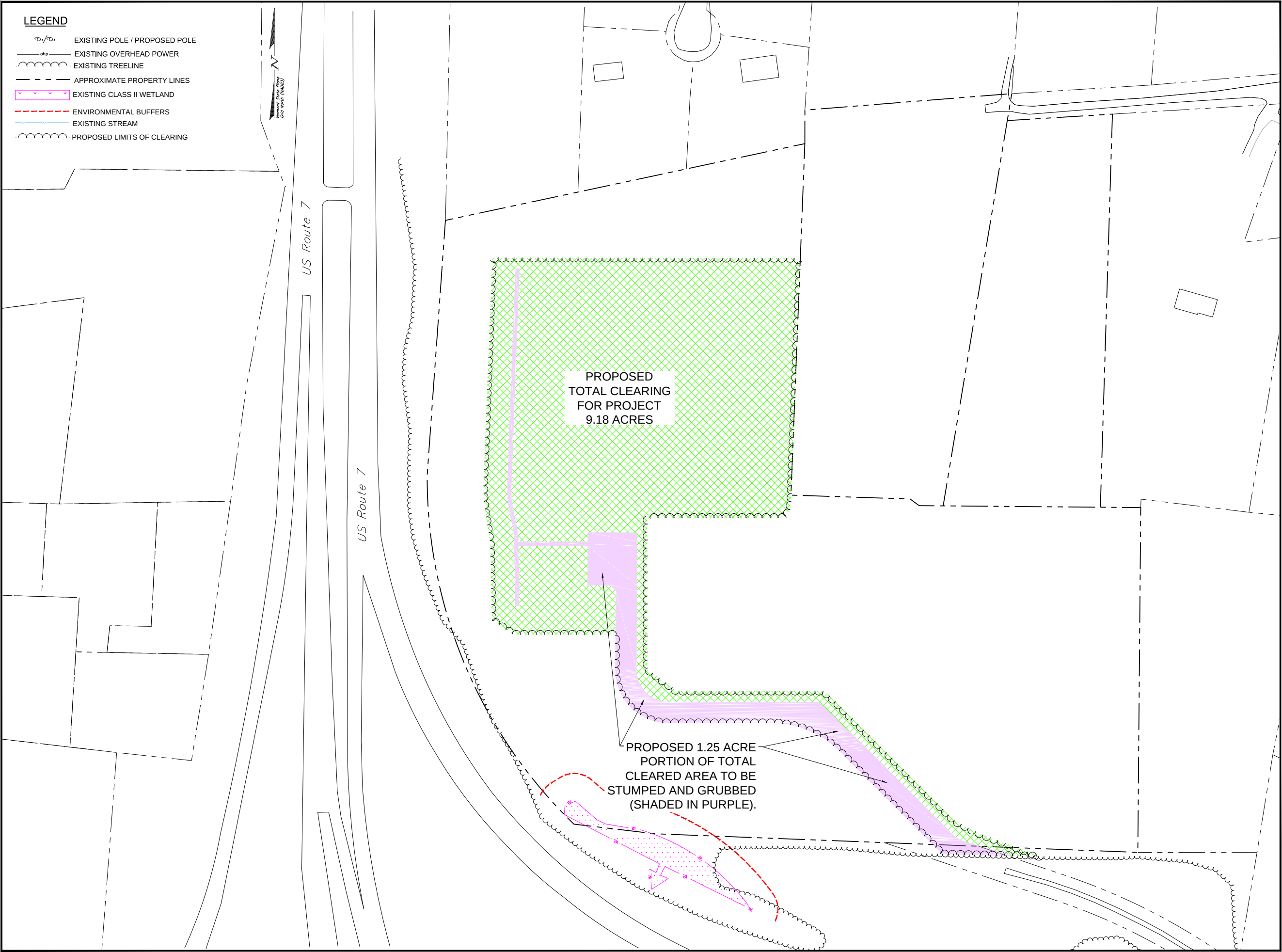
Drawing Title:

45 DAY NOTICE:
INTERCONNECTION PLAN AND
PROJECT SECTIONS

DATE of Issue: 10/13/17	Checked by: IAJ
Drawn by: GTD	Scale: varies
Project No.: 17272	Rev No.:
Drawing No.:	

C-101





CHELSEA SOLAR

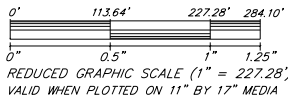
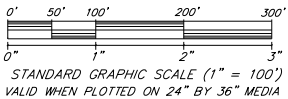
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Civil Engineering:
Krebs and Lansing Consulting Engineers, Inc. 164 Main Street, Suite. 201 Colchester, Vermont 05446
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Arrowwood Environmental 950 Bert White Road Huntington, Vermont 05462



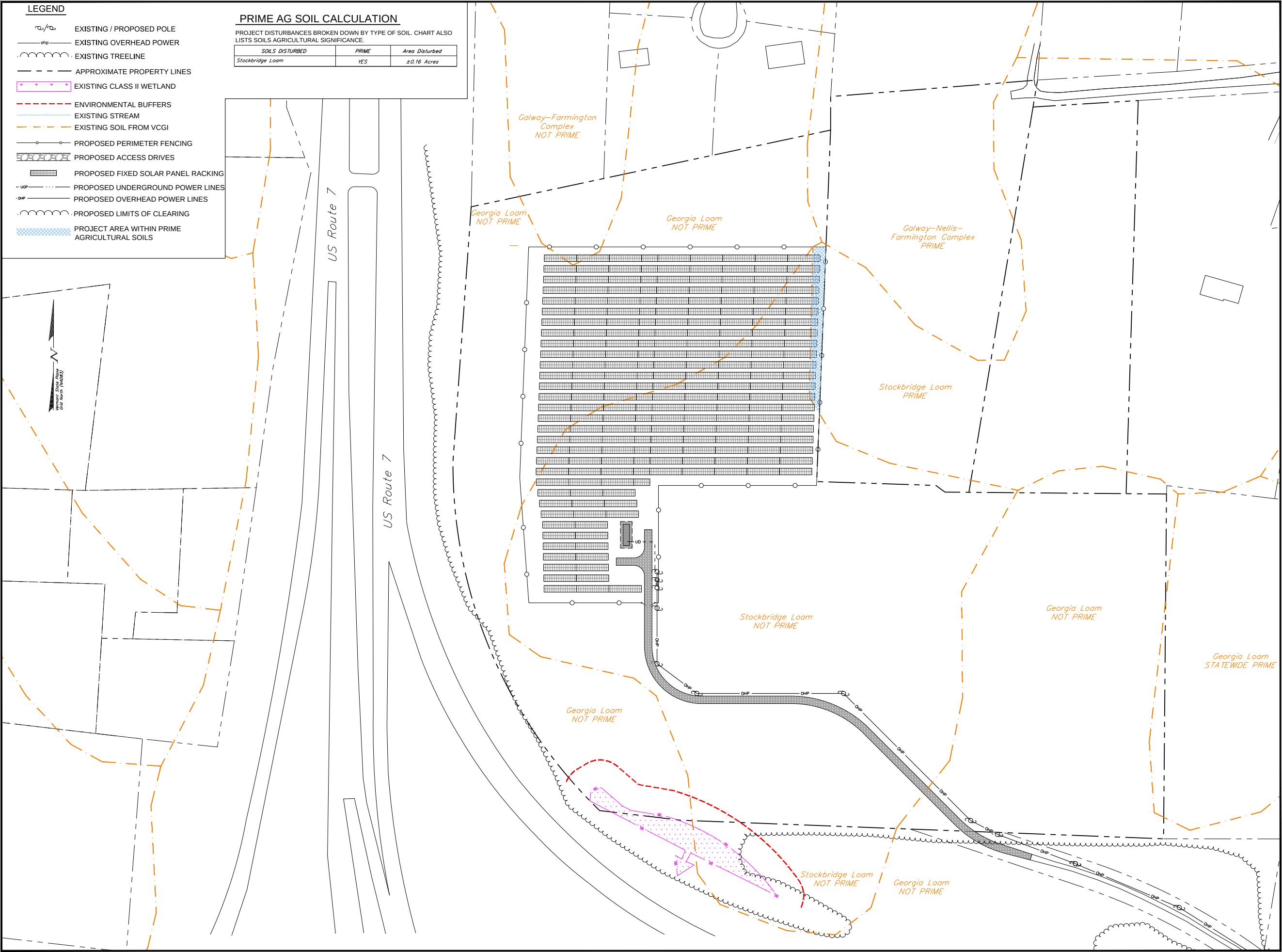
Proposed
2.0 MW-AC
Solar Array

REVISIONS/COMMENTS

Drawing Title: 45 DAY NOTICE:
CLEARING
FOR CHELSEA SOLAR IF
CONSTRUCTED PRIOR TO
APPLE HILL SOLAR

DATE of Issue: 10/13/17	Checked by:
Drawn by: GTD	Project No.: 17272
Scale: 1" = 80'	Rev No.:

C-103



CHelsea SOLAR

Willow Road
Bennington, Vermont,

222 SOUTH 9TH STREET
SUITE 1600
MINNEAPOLIS, MN 55402

K&L

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Environmental:

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950 Bert White Road
Huntington, Vermont 05462

0' 50' 100' 200' 300'

0" 1" 2" 3"

STANDARD GRAPHIC SCALE (1" = 100')
VALID WHEN PLOTTED ON 24" BY 36" MEDIA

0' 113.64' 227.28' 284.10'

0" 0.5" 1" 1.25"

REDUCED GRAPHIC SCALE (1" = 227.28')
VALID WHEN PLOTTED ON 11" BY 17" MEDIA

**Proposed
2.0 MW-AC
Solar Array**

REVISIONS/COMMENTS

Drawing Title:

**45 DAY NOTICE:
PRIME
AGRICULTURAL
SOILS**

DATE of Issue: 10/13/17

Drawn by: GTD Checked by:

Project No.: 17272 Scale: 1" = 80'

Drawing No.: Rev No.:

C-105