

Babcock Solar

Introduction for Brandon, VT

February 5th, 2018

Conti Solar

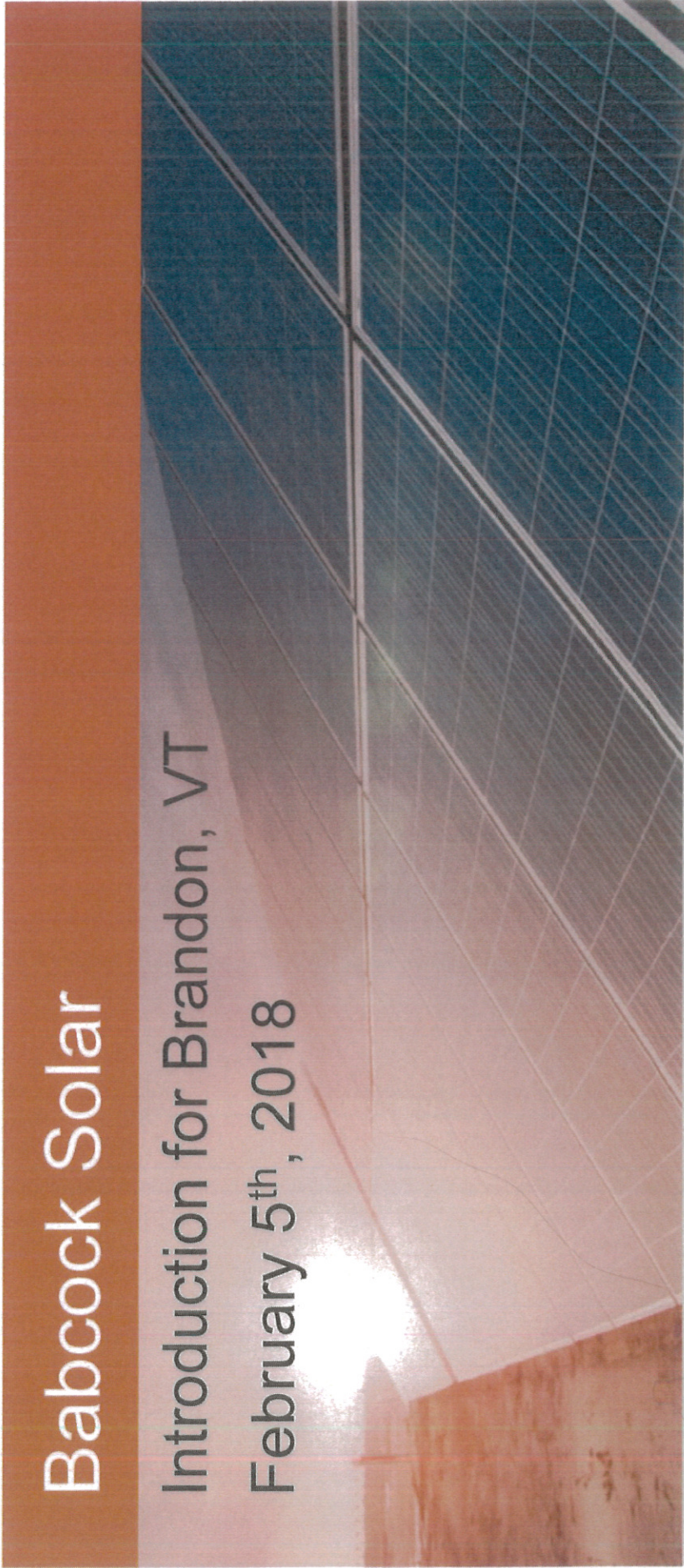


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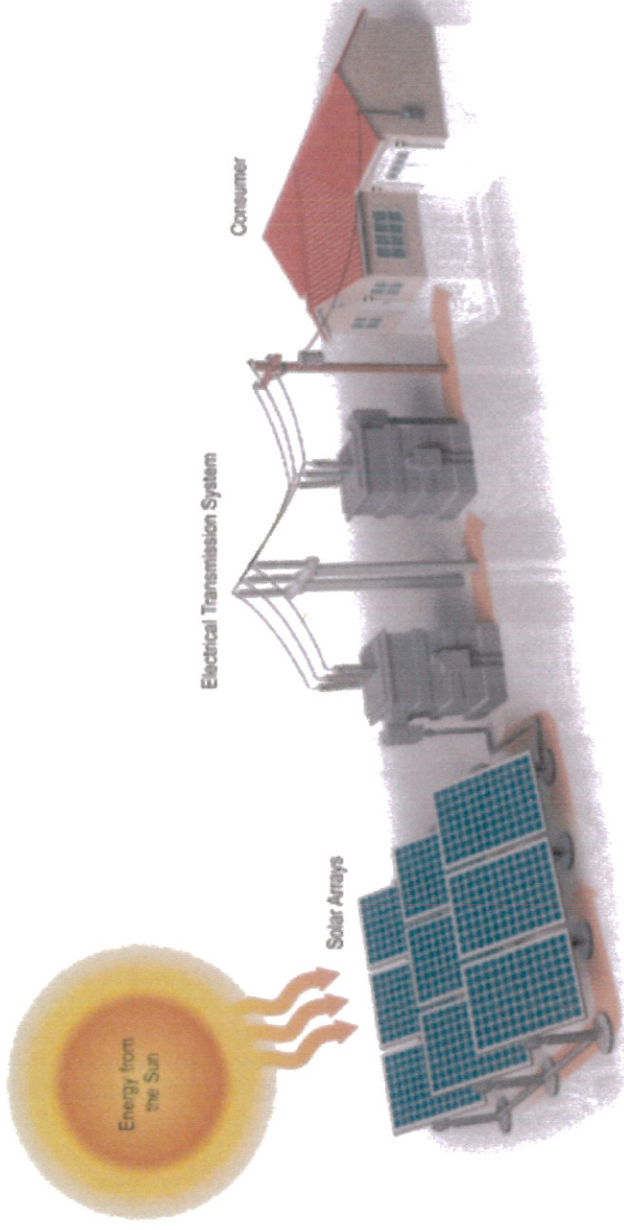
Conti Solar Introduction

- **Proven Track Record** - Leading solar developer since 2007
 - Over 100 projects installed, primarily in the northeastern US region
 - 100 solar professionals across 10 states
- **Environmentally Focused** – our projects make a difference
 - Our employees are passionate about green energy and sustainability
 - We do our part to reduce our region's carbon footprint
- **Community Focused** – local support ensures project success
 - Building stakeholder alliances with land-owners, community, government, and utilities
 - We build long-term relationships for a successful long-term project
- **Strong Corporate Values** – subsidiary of the Conti Group
 - 110-year old family owned company
 - Shared values of honesty, integrity, entrepreneurship, and environmental stewardship

Vermont Renewable Goals

- 55% Renewable Energy Standard, one of the highest in the nation
- Particular focus on “Distributed Generation”, defined as projects less than 5MW
- Standard Offer Program is a subset of RES, incentivizing small-scale Distributed Generation projects like Babcock Solar.

Overview of Solar PV Arrays



- Solar is now among cheapest forms of renewable energy
- Solar is “distributed”, meaning it can be located close to customers, improving grid efficiency and reducing the need for large centralized power plants
- Solar technology is non-toxic, quiet, discrete, and not permanent

What Do PV Arrays Look Like?



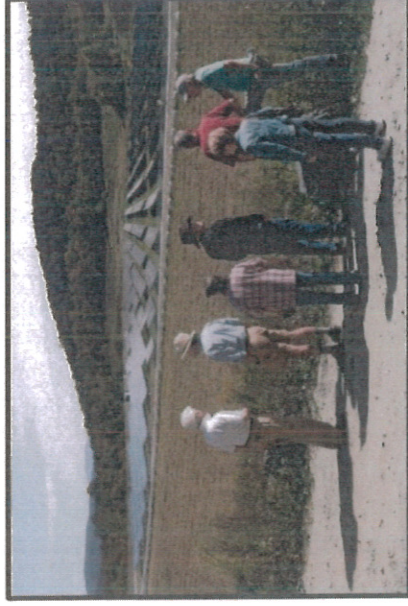
Solar Racking on driven posts



Pad-mounted Inverter (DC to AC)

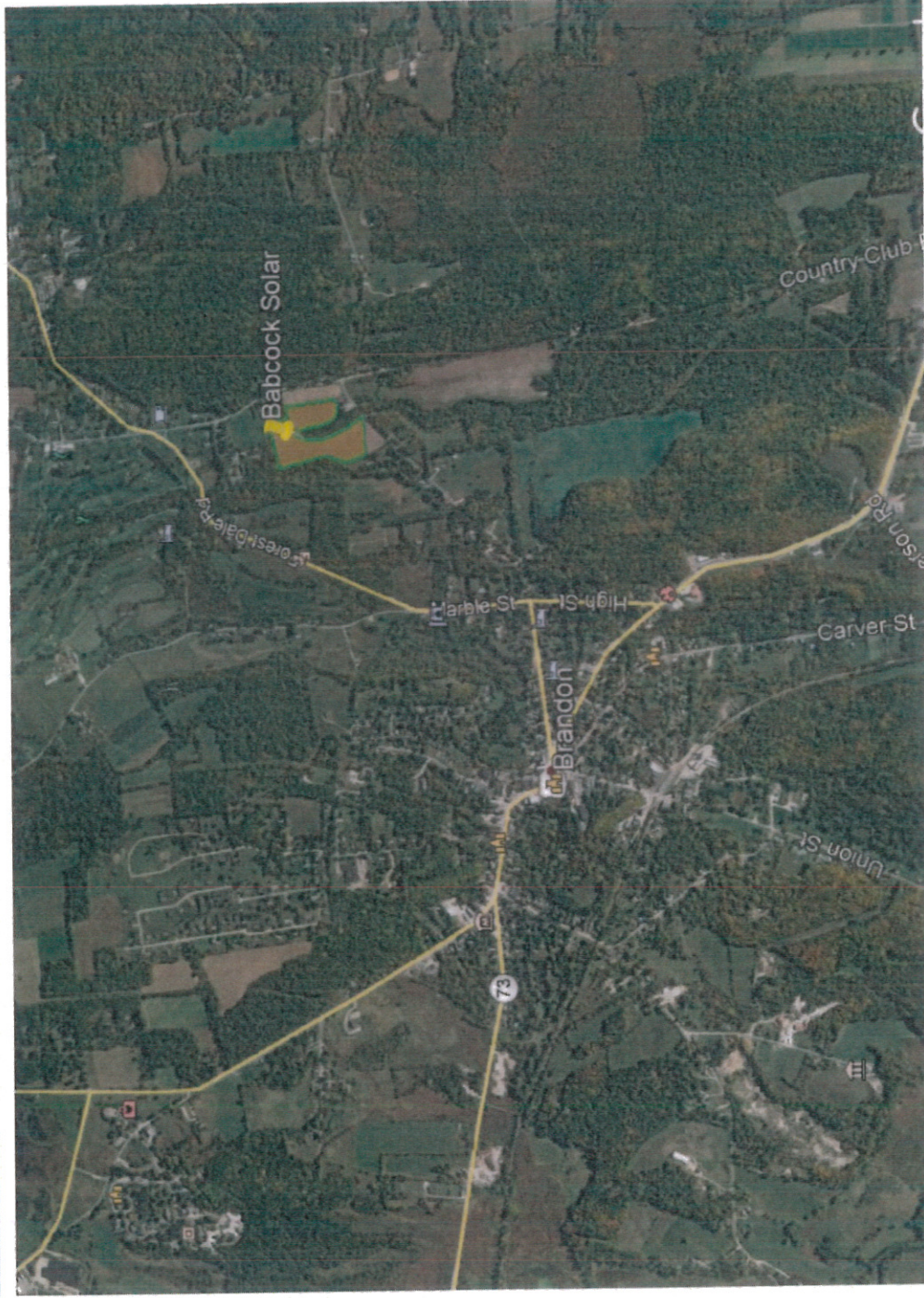


Otter Valley Solar Farm in Pittsford



Conti's Elizabeth Mine project in Stafford, VT

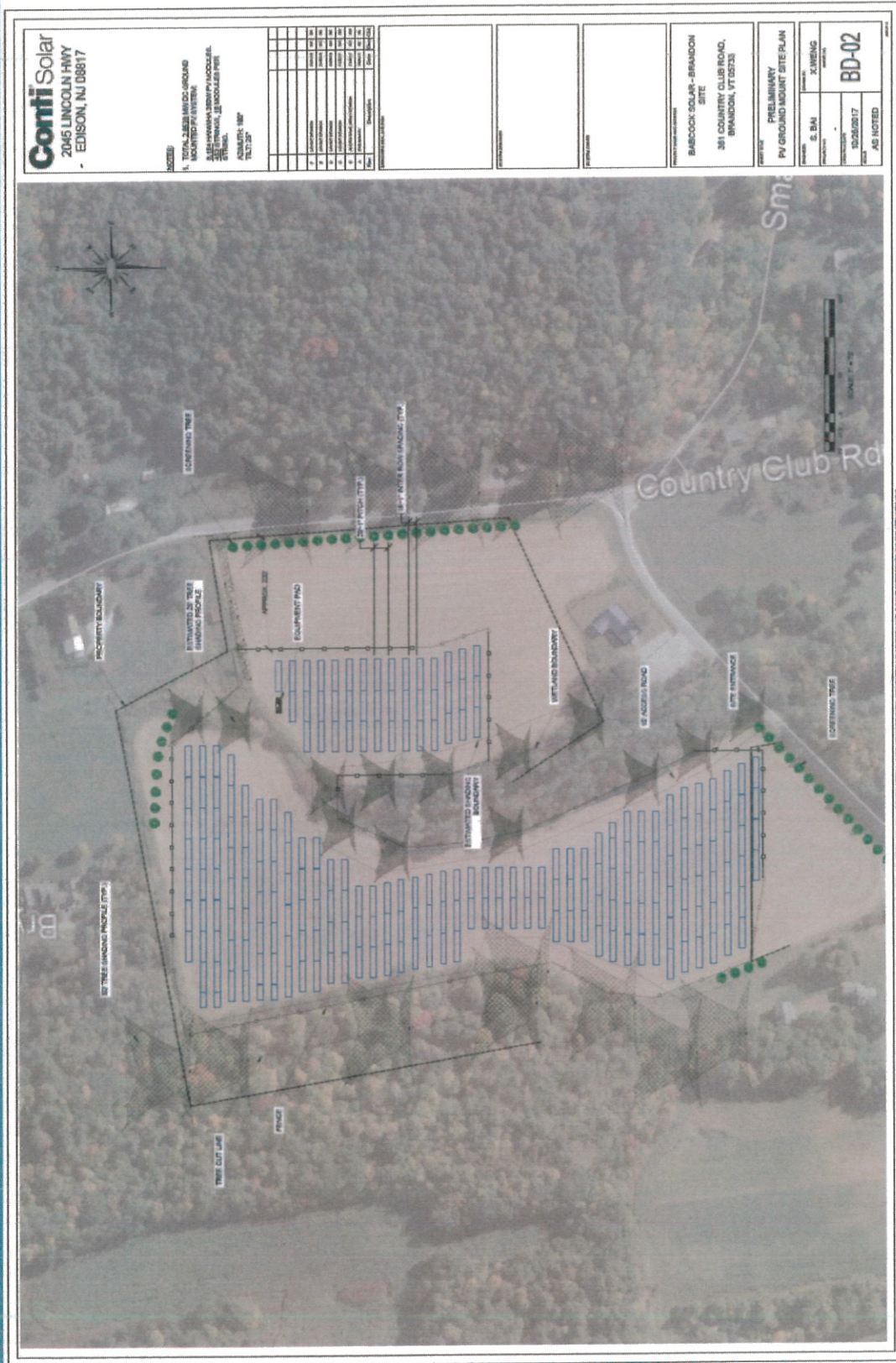
Babcock Solar – Location



Site Existing Conditions



Babcock Solar - Initial Site Plan



Babcock Solar - Overview

- 2.2MWac solar PV array we would like to bring to Brandon
- Babcock Solar will power 500 homes, or ~25% of Brandon
 - This project will go a long way in helping Brandon meet its “net-zero” energy goals, as laid out in the Town Plan.
- Awarded a Standard Offer contract under Vermont’s RES
- Economic Benefits:
 - 40-50 local jobs during construction
 - \$8,800 in annual school taxes, and \$160,000 in municipal taxes over 25-year project life

Babcock Solar – Overview (cont.)

- Completed environmental and archaeological due diligence
- Aesthetics study has been initiated
- Favorable Feasibility Study received from GMP

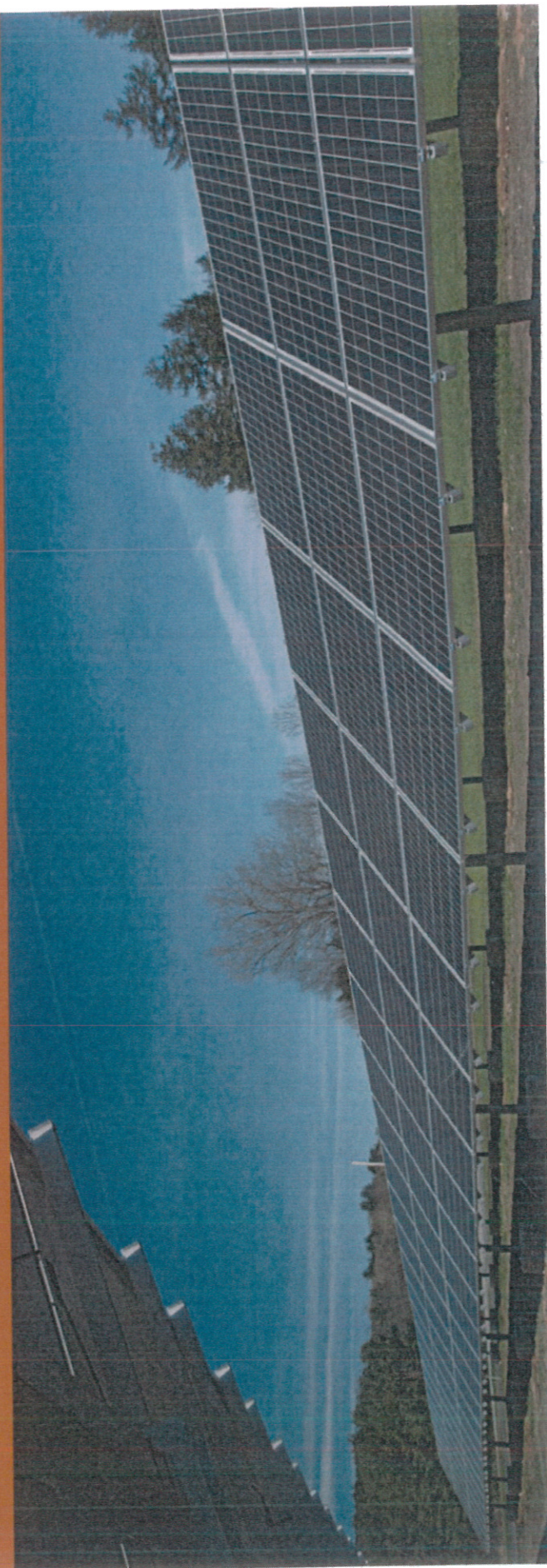


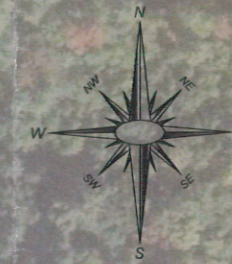
Next Steps

- Continue public outreach
 - Continue meetings with neighbors
 - Incorporate town input
- File 45-Day Notice with PUC with preliminary plan
- File completed application with PUC

Conti Solar

Thank You





NOTES:

- TOTAL 2.8539 MW DC GROUND MOUNTED PV SYSTEM:
8,154 HANWHA 350W PV MODULES.
453 STRINGS, 18 MODULES PER STRING.

AZIMUTH: 180°
TILT: 25°

Rev	Description	Date	Dwn	Chk
F	LAYOUT REVISION	01/01/18	XW	SG
E	LAYOUT REVISION	01/05/18	XW	SG
D	LAYOUT REVISION	01/09/18	XW	SG
C	LAYOUT REVISION	11/27/17	XW	XW
B	ACCESS ROAD, ARRAY REVISION	11/09/17	XW	XW
A	PRELIMINARY	10/26/17	SB	SB

DESIGNER'S SEAL AND SIGN

SYSTEM DESIGNER

SYSTEM OWNER

PROJECT NAME AND ADDRESS
BABCOCK SOLAR - BRANDON SITE

381 COUNTRY CLUB ROAD,
BRANDON, VT 05733

SHEET TITLE
PRELIMINARY PV GROUND MOUNT SITE PLAN

ENGINEER: S. BAI	DRAWN BY: X. WENG
PROJECT NO. -	SHEET NO. BD-02
CREATION DATE 10/26/2017	
SCALE AS NOTED	

