

**ZONING BOARD OF ADJUSTMENT
PLAINFIELD, NEW HAMPSHIRE**

NOTICE IS HEREBY GIVEN that the Board of Adjustment will hold a public hearing on the following application on **Thursday November 14th at 7:00pm at the Meriden Town Hall:**

Case 19-04 Reinhart Sonneburg: A request for special exception #24 Approved Solar Energy System to allow for the installation of a single dual axis PV tracker at #94 Bonner Road. The property is zoned Village Residential.

The project file is available for public inspection at the town office. An electronic version of the application is available online at www.plainfieldnh.org/zba.htm

While not required to attend, abutters and interested parties are encouraged to attend either in person or by counsel and state reasons why the application should or should not be granted.

Notice prepared by Stephen Halleran on behalf of the
ZONING BOARD OF ADJUSTMENT/PLANNING BOARD
October 31st 2019

PLAINFIELD ZONING BOARD OF ADJUSTMENT
APPLICATION FOR APPEAL

PLEASE READ: This form should be completed after discussions with the town's zoning administrator about the proposal. If you have not already done so, please contact the zoning administrator (469-3201).

Applicant's name: Reinhart Sonnenburg
Mailing address: P.O. Box 66 Meriden, NH 03770

Property Street address:
Tax Map / Lot Number:
Zoning district:
Property owner of record:

Type of appeal (check one):

- variance
 special exception # 24 solar
 administrative decision

Applicants signature: 

- Required Attachments: a) applicant signed description of the proposal.
b) site map(s) exterior/interior.
c) abutter list with mailing addresses.

Fee: application \$ _____
notification \$ _____ Total \$ _____

Hearing Date: 11/14/28

In order to be on the meeting agenda for the above date, your paid application must be received at the town office no later than Monday 10/28 (ZBA rule 9.3).

Office Use

date filed: 10/28
case number: 19-04
attachments: n
fee paid: n *unpaid Halloran error*

TOWN OF PLAINFIELD ZONING AND BUILDING PERMIT APPLICATION



Property Owner:

Name: Phone:

Street: Email:

City State Zip:

Project: **Permit Type:** (Check one) Building Zoning

Street Address:

Tax Map: Lot Number: Lot Acreage: Zoning District:

Proposed project distances to property lines (in feet): Front: Rear: Side: Side:

State Approved Septic Design #: Driveway Permit #:

Please provide a written description of the project including appropriate dimensions:

Contractor Information:

Builder:	Electrician:	Plumber:
Name: <input type="text" value="Solaflect Energy/Bill Bender"/>	Name: <input type="text" value="Greg Hance"/>	Name: <input type="text" value="NA"/>
Phone: <input type="text" value="(802) 649-3700"/>	Phone: <input type="text" value="(802) 649-3700"/>	Phone: <input type="text" value="NA"/>

Applicant Signature: *Paul Sonnenburg* Date: 10/25/19

Required Attachments:

Please provide a copy of plans detailing the project. Hand-drawn plans can be used if necessary. Permits cannot be issued without receipt of the proper fee. If you are unsure of the amount due or have any questions about your application, contact the town office (603-469-3201).

TOWN USE: Current Use: Yes / No ZBA: Yes / No PB: Yes / No

BOARD OF SELECTMEN ACTION

David Hance
Reviewed By Building Inspector or Zoning Administrator

Approved Denied

Permit 2019-73 Date 10/28/19



2.39 Ac

TOWN OF PLAINFIELD

30' from side and rear lot lines

11
AcC
SCHOOL DISTRICT

10
1.4 AcC

4
1.6 AcC

BROOK

BONNIER ROAD

9
1.4 Ac

Attachment: description of excavation

Solar array uses pre-cast concrete foundation as described in attached spec sheet. Foundation is set at depth of 4 feet. Excavation is square hole approximately 8 ft x 8 ft, to depth, then backfilled over/around foundation.

Solar array wiring to run in trench as shown in attached map. Trench is approximately 2 ft wide by 2 ft deep between array and garage, then backfilled.

Attachment: list of master electrician subcontractors

Primary Electrician:

Gregory P Hance
NH Lic # 13015M
326 Main Street, Ste 4
Norwich, VT 05055
(802) 649-3700
ghance@solaflect.com

Alternate electrical subcontractors:

Chris Snider
NH Lic # 13893M
Simple Energy
112 N. Main St.
West Lebanon, New Hampshire 03784
(603) 298-7200

OR

Richard Electric
NH Lic # 8366M
PO Box 999
Wilder, Vermont 05088
(802) 295-3894

OR

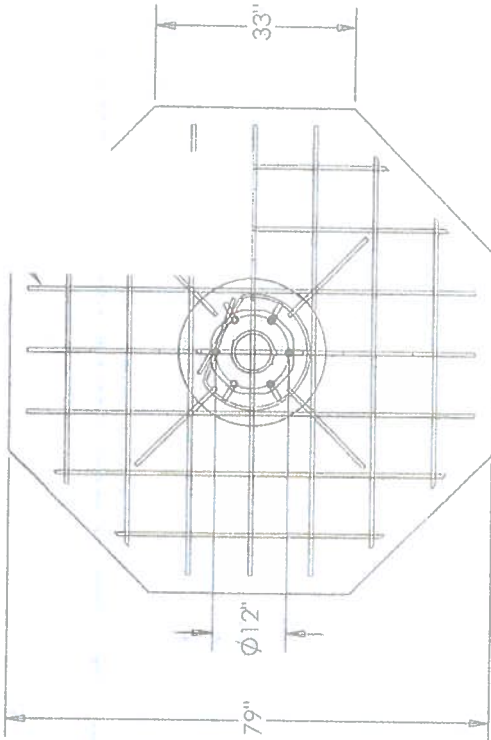
Don Dompier
NH Lic # 1755
230 Elliot St.
Brattleboro, Vermont 05301
(802) 254 4581
Email: N/A
Fax: N/A

Reginald Cramer
Cramer Electric Co., Inc.
NH Lic # 4063M
VT Lic # EM-2325
461 Lake Morey Rd, #3
Fairlee, VT 05045
(802) 333-4144

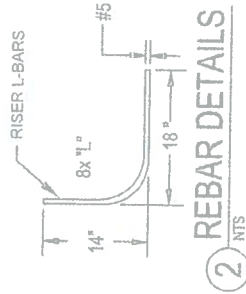
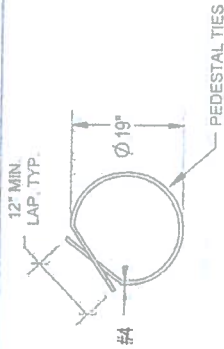
OR

Gray Electric
30 Plateau Acres
Bradford, VT 05033
NH Lic # 0387C (Corporate License)
Robert Kruse - Master Electrician
(802) 222-1592 /
kruserobert25@gmail.com

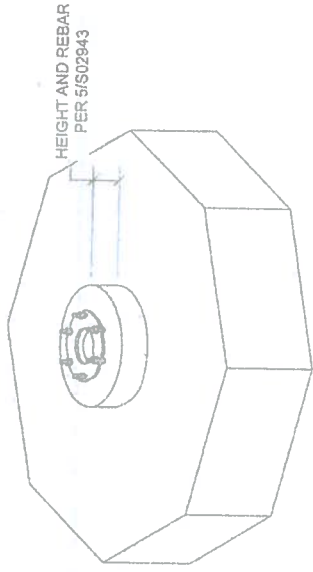
#5 BARS @ 10" O.C.
E.W. @ MID DEPTH
OF FOOTING



1 FOUNDATION PLAN
NTS



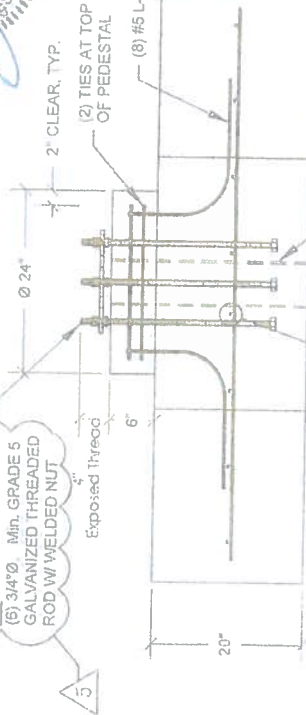
2 REBAR DETAILS
NTS



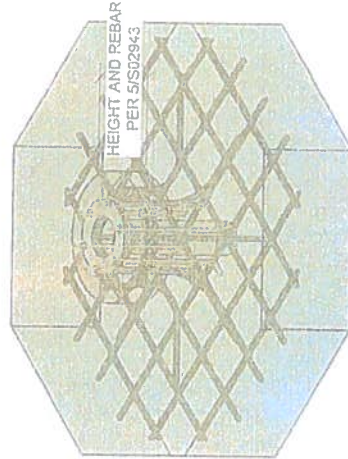
3 3D VIEW 1
NTS

PRELIMINARY
NOT FOR
CONSTRUCTION

(6) 3/4" Min. GRADE 5 GALVANIZED HEX BOLTS
OR
(6) 3/4" Min. GRADE 5 GALVANIZED THREADED ROD W/ WELDED NUT



5 SECTION
NTS



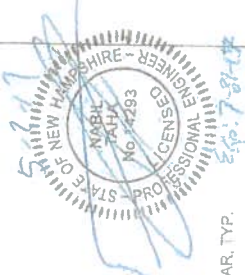
4 3D VIEW 2
NTS

Design codes and parameters

- a. IBC 2009
- b. ASCE 7-10
- c. Risk Category: I
- d. Snow Load: 15 psf
- e. Ultimate wind speed with panel 85 degrees from horizontal: 40 mph (31 mph nominal)
- f. Ultimate wind speed with panel 5 degrees from horizontal: 105 mph (81 mph nominal)
- g. Exposure: C
- h. Kzt: 1.0
- i. Kd: 0.85
- j. Sites with unusual conditions shall be evaluated by a licensed engineer

SOLAFLECT PANEL ASSEMBLY IS DESIGNED TO GO TO HORIZONTAL POSITION WHEN WIND VELOCITY IS 39 MPH ULTIMATE WIND SPEED, 30 MPH NOMINAL WIND SPEED, OR MORE.

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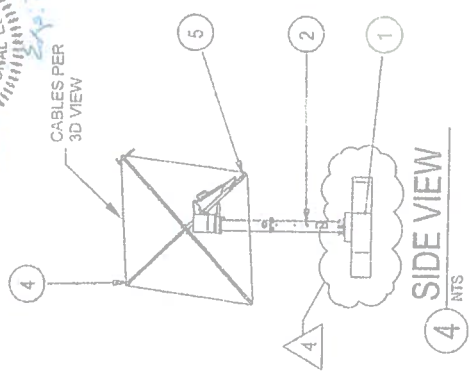
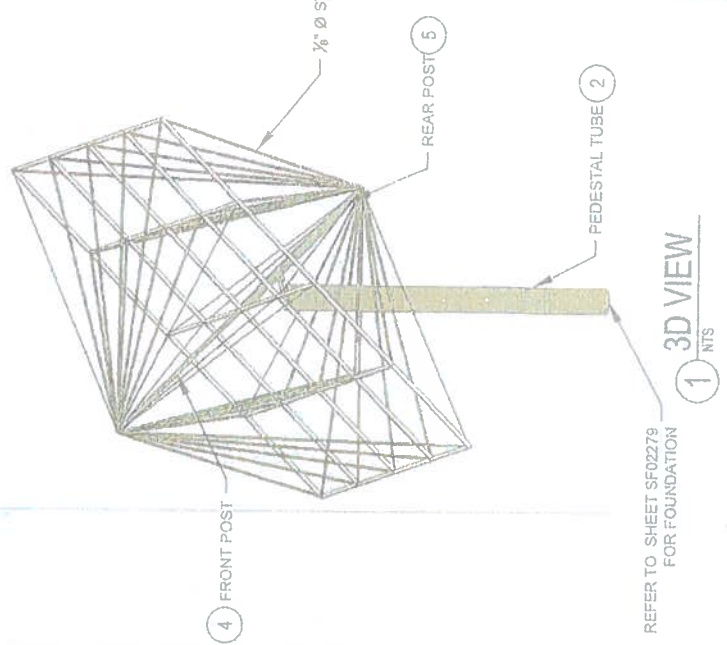
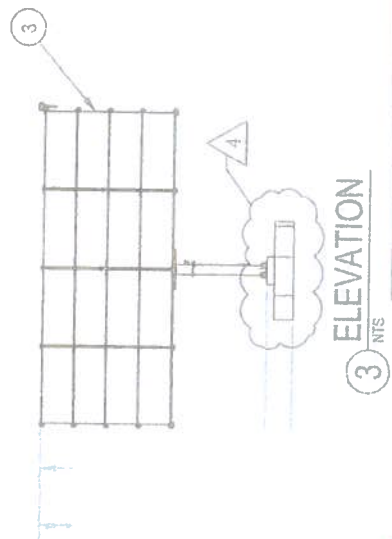


REV	DATE	DESCRIPTION
2	2016-06-30	ANCHOR BOLT AND CABLE SIZE
3	2016-08-24	FOUNDATION NOTES
4	2016-09-29	FOUNDATION HEIGHT
5	2017-04-28	ANCHOR BOLT GRADE AND SHAPE

SOLAFLECT ENERGY
Newport, VT 05055
Round Concrete Panel
DESIGNED BY: NABH TAPPA
CHECKED BY: NABH TAPPA
DATE: 2017-04-28
SCALE: 1/8" = 1'-0"

PROJECT: SOLAFLECT ENERGY LLC - ANT
DRAWING NO: 5/102943
SHEET 8 OF 8

ITEM NO.	PART NUMBER	QTY.
1	SF02279 Round Concrete Pad ASSY	1
2	SF02716 Structural ASSY 6.2 - Pedestal Tube: 10" O.D. x 0.25" or 10" Schedule 40	1
3	SF02441 PV Array ASSY v6.1 R	1
4	SF02439 Front Post ASSY v6.1 PV - 1.50" O.D. x 0.25"	1
5	SF02768 Rear Post ASSY v6.2 - 2.00" O.D. x 0.25"	2



PRELIMINARY
NOT FOR CONSTRUCTION



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WWW.SOLAFLECT.COM

PROJECT NO. 2016-06-29
DATE 2016-06-29
SHEET # OF # 3 OF 27

