

STURBRIDGE LAKES ARCHITECTURAL CONTROL COMMITTEE

APPLICATION FOR CHANGE OR ALTERATION

NAME Samuel Sargent DATE Apr 1, 2018

ADDRESS 212 William Feath Dr - PHONE 856-

EMAIL s.sargent@tscb.com 278-2556
(your address will be added to the email alert list and you will receive approval notification by email)

Note: This completed form will be available for viewing on theLaker.net

- 1. Draw a simple sketch below to indicate location, dimensions, materials, color and other pertinent information, or attach a copy of your plans.
- 2. Attach a copy of your lot survey on which you have drawn (to scale) the structure.
- 3. Submit 1 copy each (except swimming pools) of the following: this form, any plans, your lot survey
- 4. For swimming pools only, 2 copies of the following: this form, lot survey, pool plans, landscape plans (existing and proposed), soil erosion plan, and wastewater disposal plans (backwash and draining)
- 5. For tree removal and other landscape changes, on lot survey mark location of ALL trees noting the ones you wish to remove and why. Also, lightly shade all areas of property left 'undisturbed' to show compliance with our 20% undisturbed natural vegetation per Article V, Section 1. (p) of the C & R's.

Any questions call the Management Office: 888-884-8490

Installation of solar panels
See attached Ac-2007 NT 12

PLEASE MAIL COMPLETED APPLICATION TO:
Sturbridge Lakes Architectural Control Committee
c/o MAMCO
14000 Horizon Way, Suite 200
Mt. Laurel, NJ 08054

Samuel Sargent
owner signature
Owner grants permission to Architectural
Committee and/or SLA Trustees to enter
property to inspect proposed site.

NOTES:

- 1. Resident is required to obtain all Voorhees Township, state, and any other necessary permits. Call 429-0647
- 2. Applications cannot be processed unless residents are current in their Association Dues
- 3. Residents should be advised that if an architectural matter must be referred to the Association attorney, the attorney's costs will become the financial responsibility of the homeowner.

APPROVED UNCONDITIONALLY _____

APPROVED CONDITIONALLY _____
(See Attachments)

REJECTED _____
(See Attachments)

Chairperson

Date

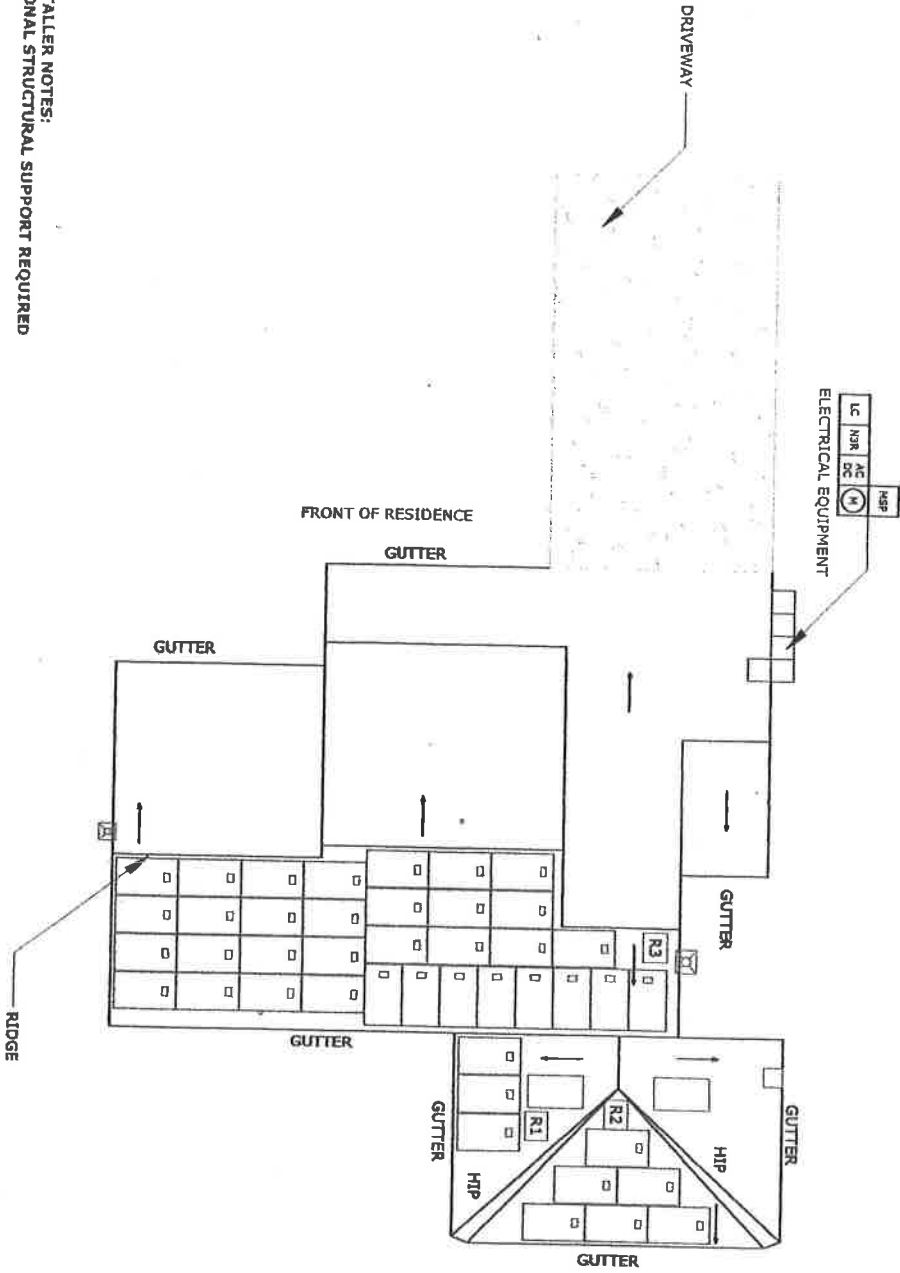
Property Manager

Date

SCALE: 3/32" = 1'-0"

WILLIAM FEATHER DR.

SOLAR INSTALLER NOTES:
NO ADDITIONAL STRUCTURAL SUPPORT REQUIRED



ROOF	MODULE COUNT	TILT	AZIMUTH	SHADING
R1	3	18°	183°	67%
R2	6	19°	91°	67%
R3	34	34°	92°	86%



mo
SOL

MO CUSTOM SOLAR LLC
318 HIGH STREET
HOXBURY
(723)

STRUC
ENGIN

SAMUEL W. ROBERTS
277 SOUTH HILL ROAD
HOXBURY, MA 01103
PHOTOGRAPHIC SURVEY
AND LAND OUTFITTING FOR A
CONFORMANCE DRAWING THAT IT
WAS PREPARED BY AN
LICENSED ARCHITECT, IN THE

CUSTI
INFORM

SAMUEL
42 WILLIAM
VOORHEES TOWNS
(856) 27

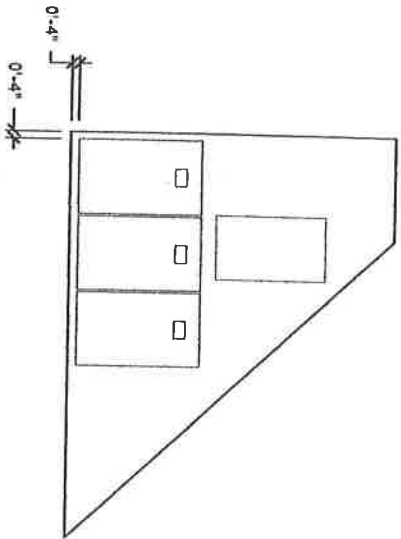
PV SY:
INFORM

SYSTEM SIZE (DC): 12.
43 MODULES: LONGIL
43 INVERTERS: ENPHA

PROJECT NAME
INITIAL DATE 2/18/2011
REV: DATE
REV: DATE

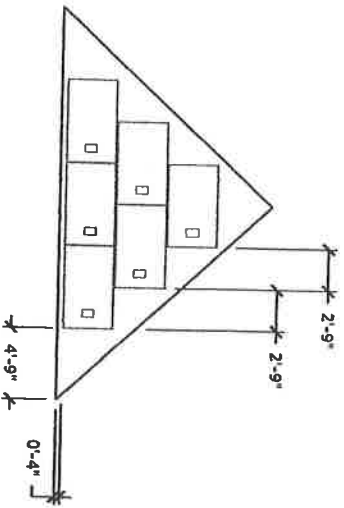
PANEL L
PV.

R1 - ARRAY 1 LAYOUT DETAIL
 SCALE: 3/16" = 1'-0"
 TILT: 18°
 AZIMUTH: 181°
 SHADING: 67%



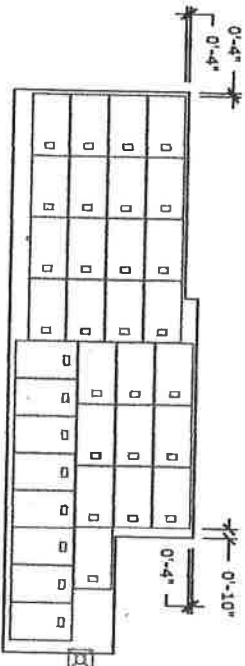
SOLAR INSTALLER NOTES:
 NO ADDITIONAL STRUCTURAL SUPPORT REQUIRED

R2 - ARRAY 2 LAYOUT DETAIL
 SCALE: 1/8" = 1'-0"
 TILT: 19°
 AZIMUTH: 91°
 SHADING: 67%



SOLAR INSTALLER NOTES:
 NO ADDITIONAL STRUCTURAL SUPPORT REQUIRED

R3 - ARRAY 3 LAYOUT DETAIL
 SCALE: 3/32" = 1'-0"
 TILT: 34°
 AZIMUTH: 92°
 SHADING: 86%



SOLAR INSTALLER NOTES:
 NO ADDITIONAL STRUCTURAL SUPPORT REQUIRED



PRO CUSTOM SOLAR LLC, D.
 385 10th St
 (732) 502
 HONOLULU, HI

**STRUC
 ENGINE**

DANIEL W. DIMON, PE, LEED - AP
 LICENSE # 41218
 370 BRYANT HILL ROAD
 HONOLULU, HI 96813
 (808) 551-1111
 AND LOAD CALCULATIONS FOR SOLAR
 COMPLIANCE. WARRING AND TYPICAL
 LOADS. PLEASE REFER TO THE
 DRAWING FOR ALL OTHER NOTES.

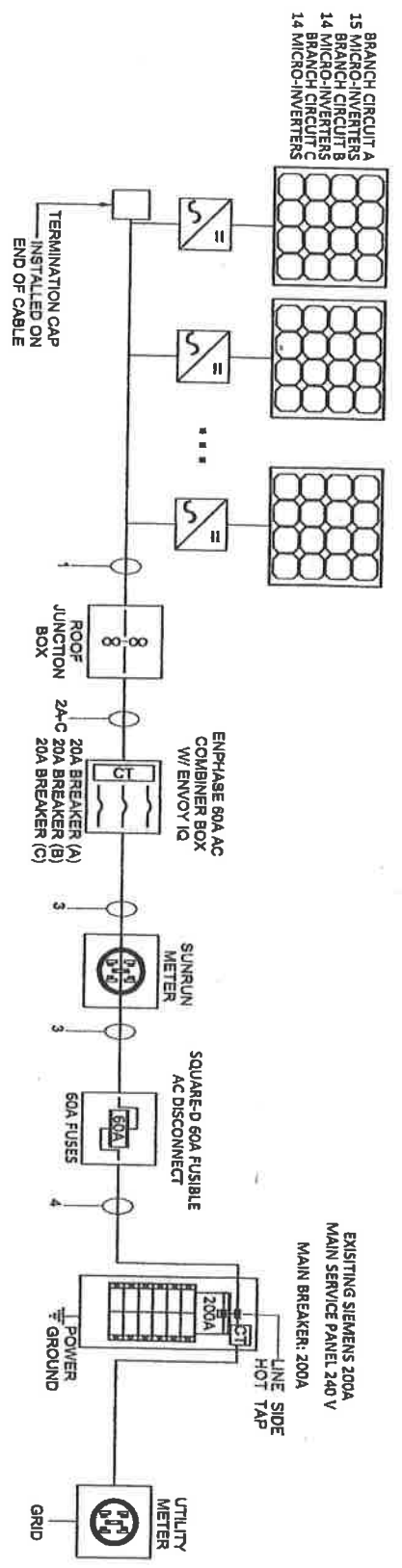
**CUSTO
 INFORMA**
 SAMUEL S
 42 WILLIAM FE
 VOORHEES TOWNSHIP
 (856) 278-

**PV SYS
 INFORMA**
 SYSTEM SIZE (DC): 12.25
 43 MODULES: LONGI LRS
 43 INVERTERS: ENPHASE

PROJECT NUMBER
 INITIAL DATE: 2/16/2018
 REV: DATE:
 REV: DATE:

LAYOUT D
PV-

43 LONGI LR6-60 285M 285W MODULES PAIRED WITH
43 ENPHASE IQ6-60-2-US MICRO-INVERTERS



- ELECTRICAL NOTES:**
1. ALL CALCULATIONS FOR VOC, VMAX, IMP AND ISC HAVE BEEN CALCULATED USING THE MANUFACTURED STRING CALCULATOR BASED ON ASHRAE 2% HIGH AND EXTREME MINIMUM TEMPERATURE COEFFICIENTS.
 2. THE ENTIRE ARRAY IS BONDED ACCORDING TO (NEC 690.46 - 250.120 PARAGRAPH C). THE GROUND IS CARRIED AWAY FROM THE GROUNDING LUG USING #6 BARE COPPER WIRE.
 3. THIS SYSTEM COMPLES WITH NEC 2014
 4. BRANCH CIRCUIT CALCULATION FOR WIRE TAG 1 DISPLAYS THE LARGEST BRANCH CIRCUIT IN SYSTEM, OTHER BRANCH CIRCUITS WILL HAVE LOWER DESIGN CURRENT THAN THE ONE SHOWN.
 5. ALL CONDUCTORS ARE SIZED BASED ON NEC 2014 ARTICLE 310
 6. ALL EQUIPMENT INSTALLED IS RATED AT 90°C
 7. INVERTER NOC (NOMINAL OPEN CURRENT) OBTAINED FROM EQUIPMENT DATASHEET

Wire Tag	Conduit	Wire Qty	Wire Gauge	Wire Type	Temp. Rating	Wire Ampacity (A)	Temp. Derate	Conduit Fill Derate	Derated Ampacity (A)	Inverter Qty	NOC (A)	NEC Correction	Design Current (A)	Ground Size	Ground Wire Type
1	OPEN AIR	2	12 AWG	Trunk Cable	90°C	30	0.96	1	28.80	15	0.96	1.25	18.00	12 AWG	Trunk Cable
2A	1" PVC	2	10 AWG	THWN-2	90°C	40	0.96	0.8	30.72	15	0.96	1.25	18.00	8 AWG	THWN-2
2B	1" PVC	2	10 AWG	THWN-2	90°C	40	0.96	0.8	30.72	14	0.96	1.25	16.80	8 AWG	THWN-2
2C	1" PVC	2	10 AWG	THWN-2	90°C	40	0.96	0.8	30.72	14	0.96	1.25	16.80	8 AWG	THWN-2
3	1" PVC	3	06 AWG	THWN-2	75°C	65	0.96	1	62.40	43	0.96	1.25	51.60	8 AWG	THWN-2
4	1" PVC	3	06 AWG	THWN-2	75°C	65	0.96	1	62.40	43	0.96	1.25	51.60	8 AWG	THWN-2



390 CUSTOM DRIVE LLC S.A. INC
335 HIGH STREET, HENNINGTON,
HONOLULU, HI 96813
(732) 902-6224
HOMER@MOMERSOLAR.COM

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CUSTOMER INFORMATION
SAMUEL SAGETT
42 WILLIAM FEATHER
VOORHEES TOWNSHIP, NJ 0
(856) 278-2356

PV SYSTEM INFORMATION
SYSTEM SIZE (DC): 12.255 KW
43 MODULES: LONGI LR6-60 285
43 INVERTERS: ENPHASE IQ6-6

ELECTRICAL PV-4