



Ken Gilbert [REDACTED]

Sunrun Customer Engagement

1 message

The Sunrun Team <noreply@sunrun.com>

To: "[REDACTED]@ill.com" [REDACTED]

Fri, Feb 7, 2025 at 1:48 PM



RE:

Hi Ken,

Thanks for contacting Sunrun Customer Engagement in regards to your year 2024 billing information.

Billing Period: 1st-31st of every month.

January-\$6.98
February-\$28.50
March-\$55.36
April-\$71.31
May-\$79.12
June-\$86.83
July-\$84.30
August-\$75.77
September-\$62.54
October-\$44.63
November-\$23.69
December-\$16.46

If you have any other questions, please contact Sunrun Customer Engagement. We are always happy to help.

Sincerely,
Aljon Abocado

Sunrun Customer Engagement Hours

Time	System Production (kWh)		Solar (kWh)	
2025-01-01T00:00:00.000-05:00				
2024-12-01T00:00:00.000-05:00			114.480349	
2024-11-01T00:00:00.000-04:00			163.088122	
2024-10-01T00:00:00.000-04:00			303.052731	
2024-09-01T00:00:00.000-04:00			435.903009	
2024-08-01T00:00:00.000-04:00			508.347168	
2024-07-01T00:00:00.000-04:00			583.083907	
2024-06-01T00:00:00.000-04:00			587.421413	
2024-05-01T00:00:00.000-04:00			563.396722	
2024-04-01T00:00:00.000-04:00			475.954588	
2024-03-01T00:00:00.000-05:00			395.961926	
2024-02-01T00:00:00.000-05:00			206.3119	
2024-01-01T00:00:00.000-05:00			49.971111	
2023-12-01T00:00:00.000-05:00			81.412341	
		Total:	4468.385287	

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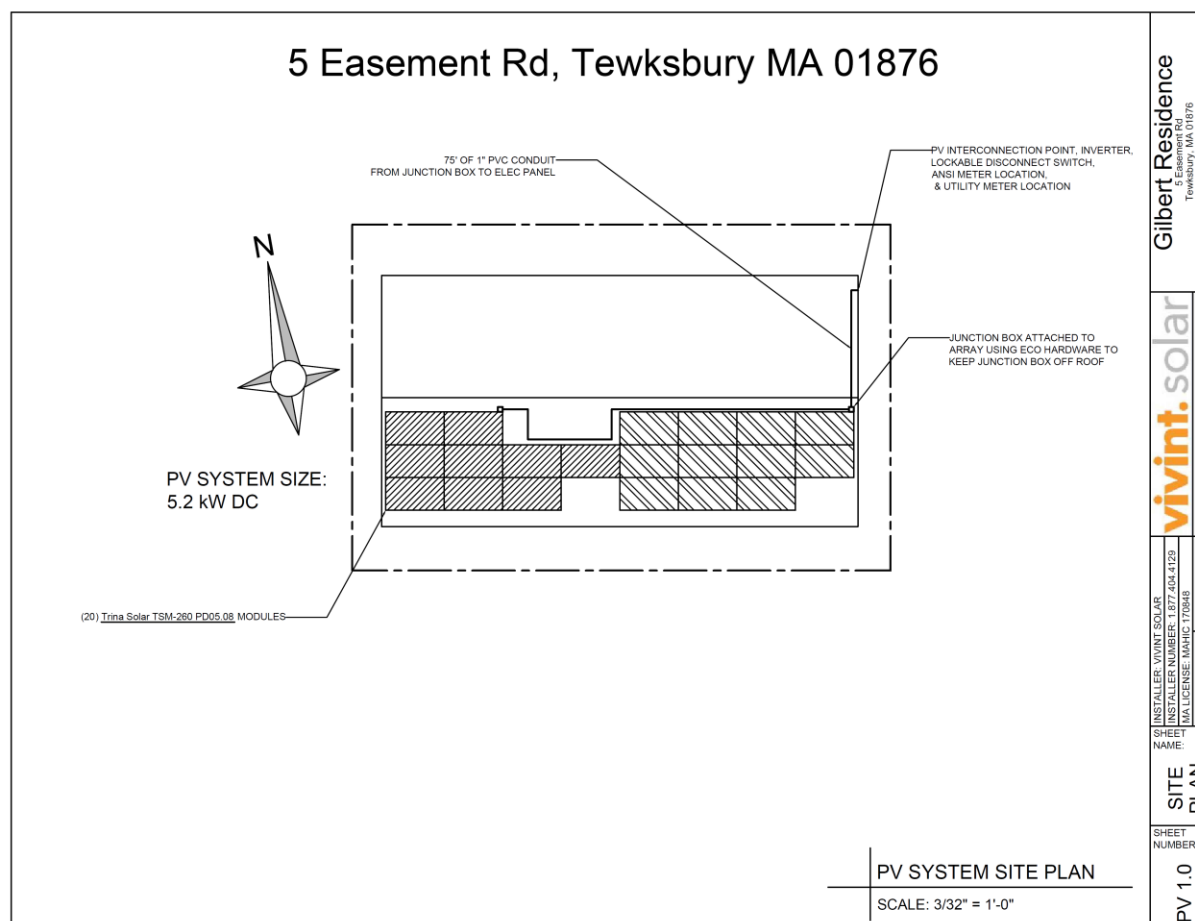
Dear Gilbert Family,

Thank you for choosing Vivint Solar. We appreciate your dedication to renewable energy that helps preserve our earth's natural resources. We are passionate about what we do and firmly believe that with our technology, your home, and a joint commitment to clean power, we can do our part to protect the environment.

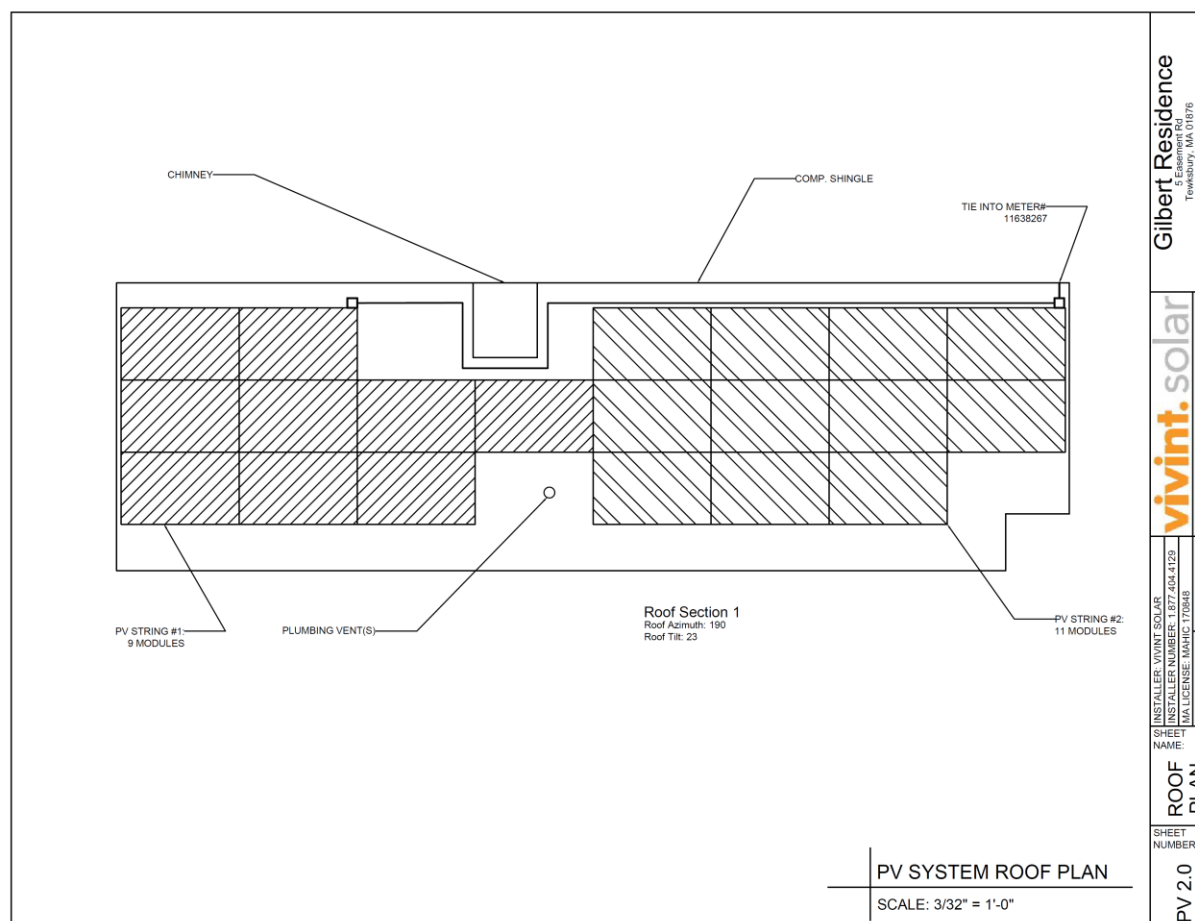
Solar is less intimidating than most people think. This packet contains a sneak preview of what your solar array will look like. You will find the site plan, layout, mounting details and electrical blueprint that will be submitted to the city for permitting, as well as a production estimate for your proposed system.

We believe that by simply making a choice, you can make a difference. We've seen the effects that one person adopting solar in a neighborhood can have. It only takes one person to change a neighborhood, a town, a city, or the world.

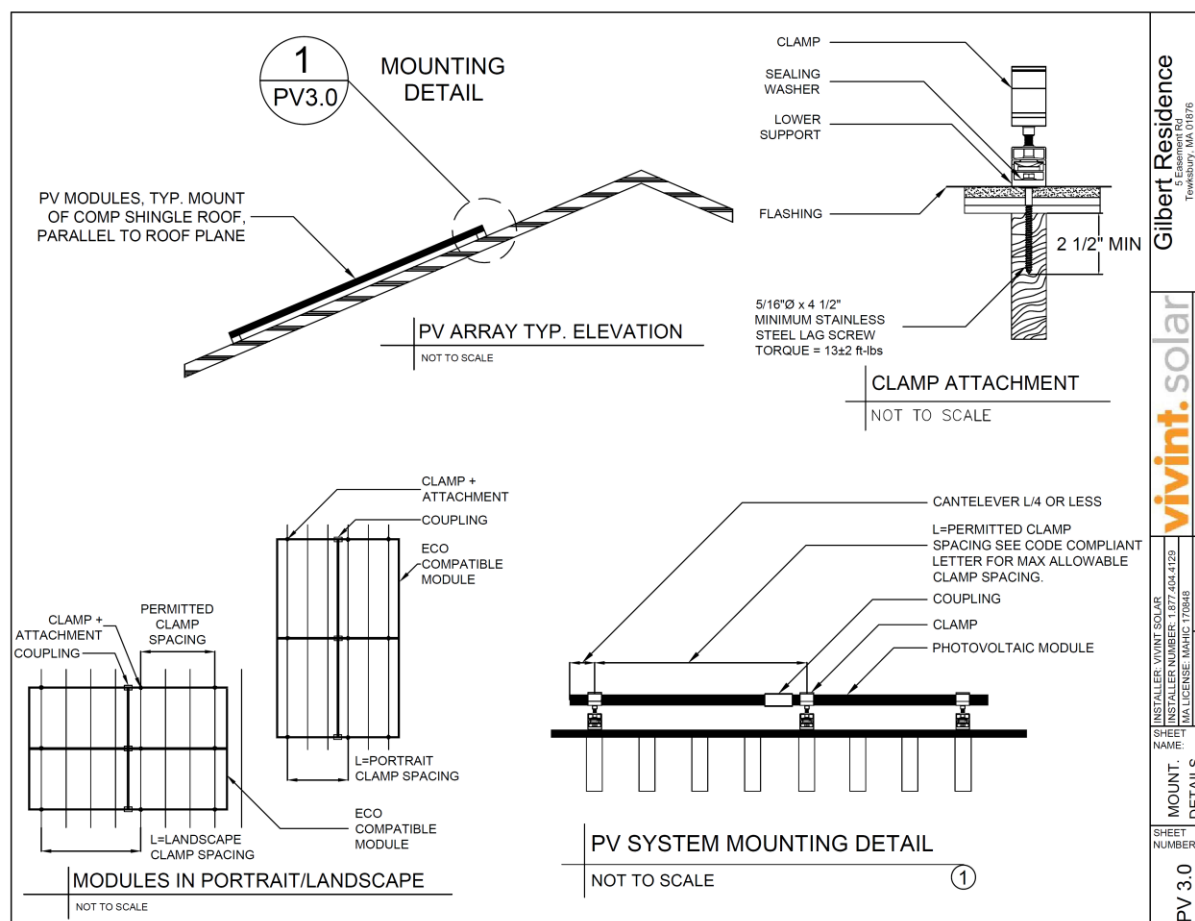
Site Plan



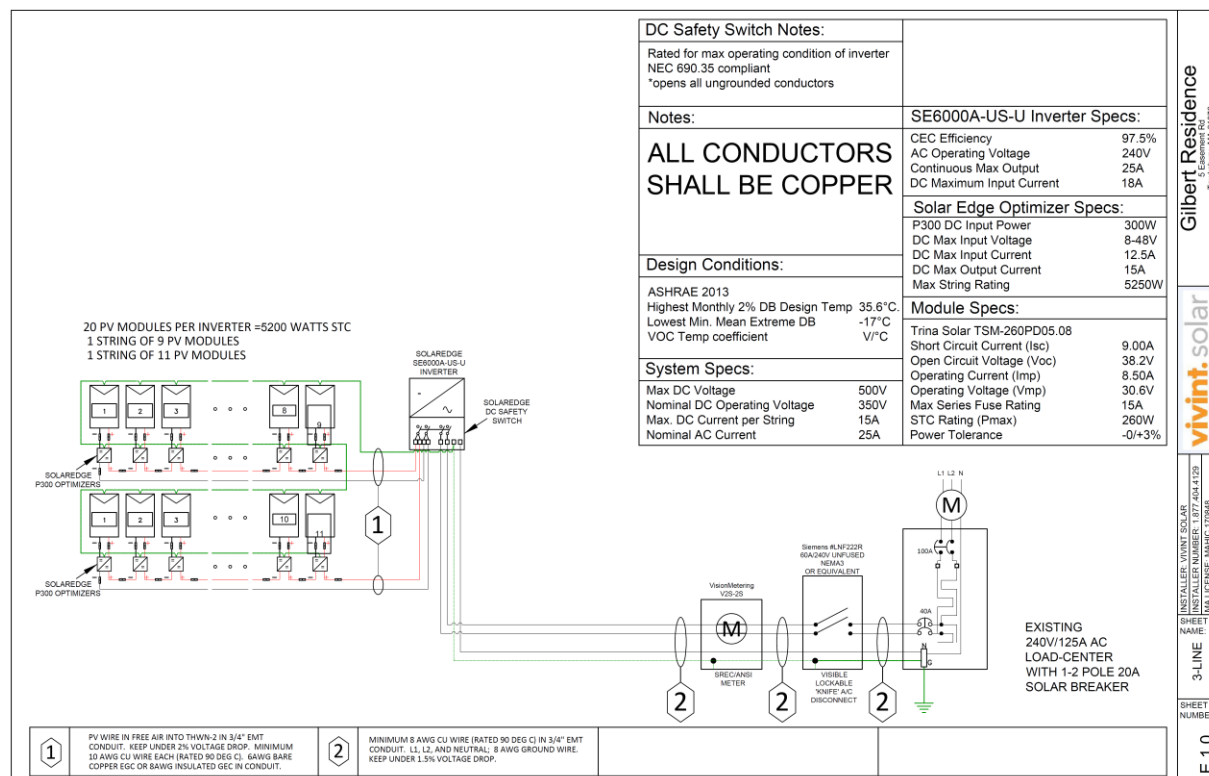
Roof Plan



Mounting Details



Electrical Diagram



Production Report

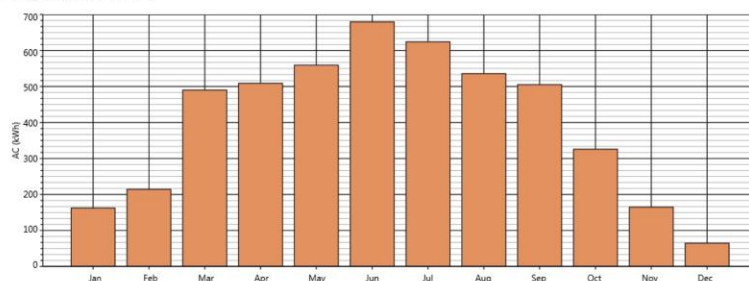
Design 2:

Design Properties:

Module Manufacturer: Trina Solar
Module Model: TSM-260PD05.08
Inverter Manufacturer: SolarEdge Technologies
Inverter Model: v.SE6000A-US (240V)
(Due to spacing constraints, only the manufacturer and model of the first inverter is include in this report)
Derate Factor: 0.85

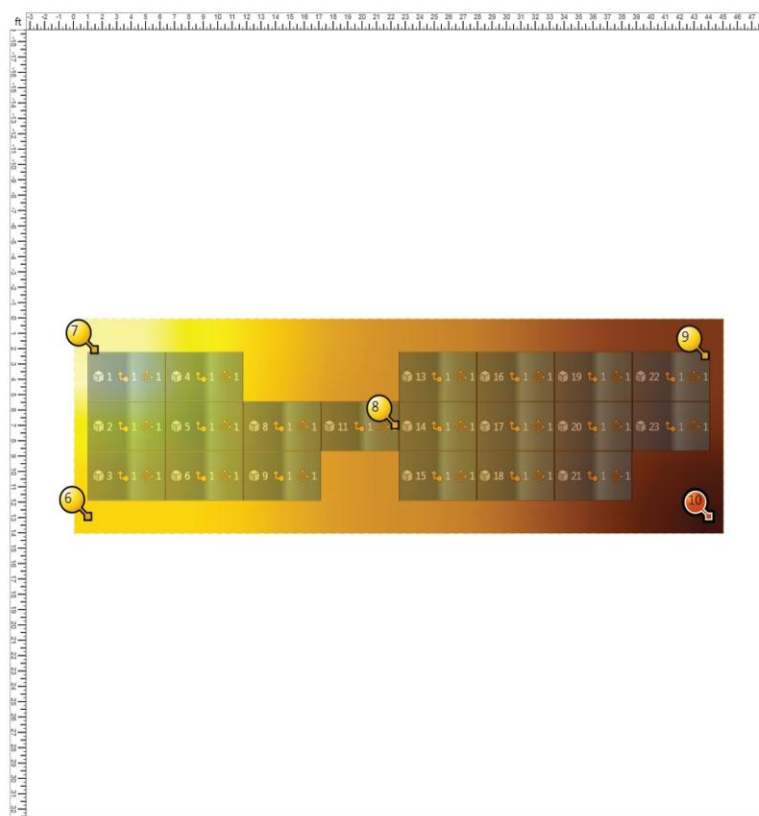
Month	Design 2 AC (kWh)
Jan	163.3
Feb	215.3
Mar	491.2
Apr	510.0
May	560.4
Jun	680.5
Jul	625.2
Aug	536.6
Sep	506.0
Oct	326.7
Nov	165.9
Dec	65.6
Annual	4846.5

Design Result Chart:

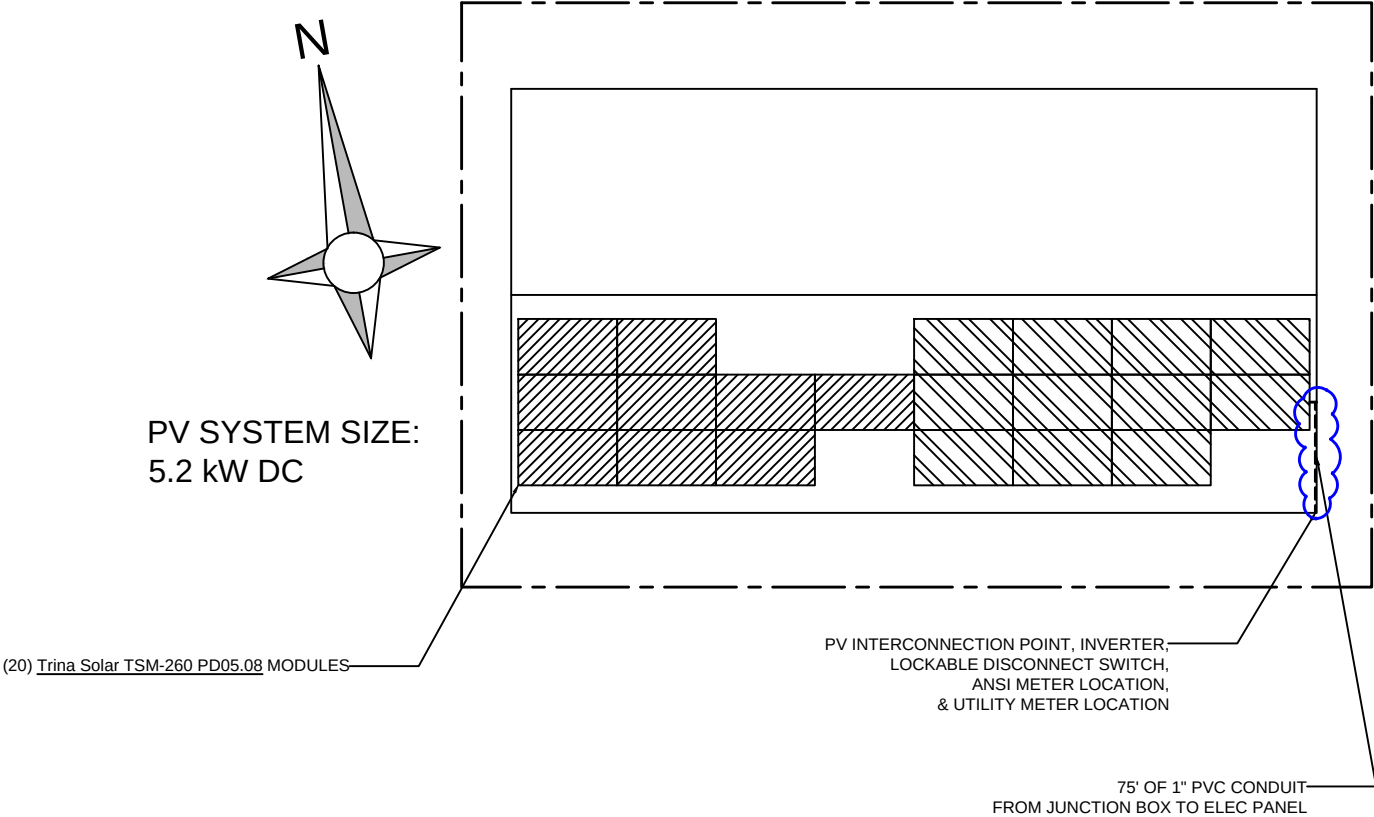


Layout View:

Length: 45.00 ft
Width: 14.00 ft
Azimuth: 190.00 °
Slope: 23.00 °
Total Modules: 20



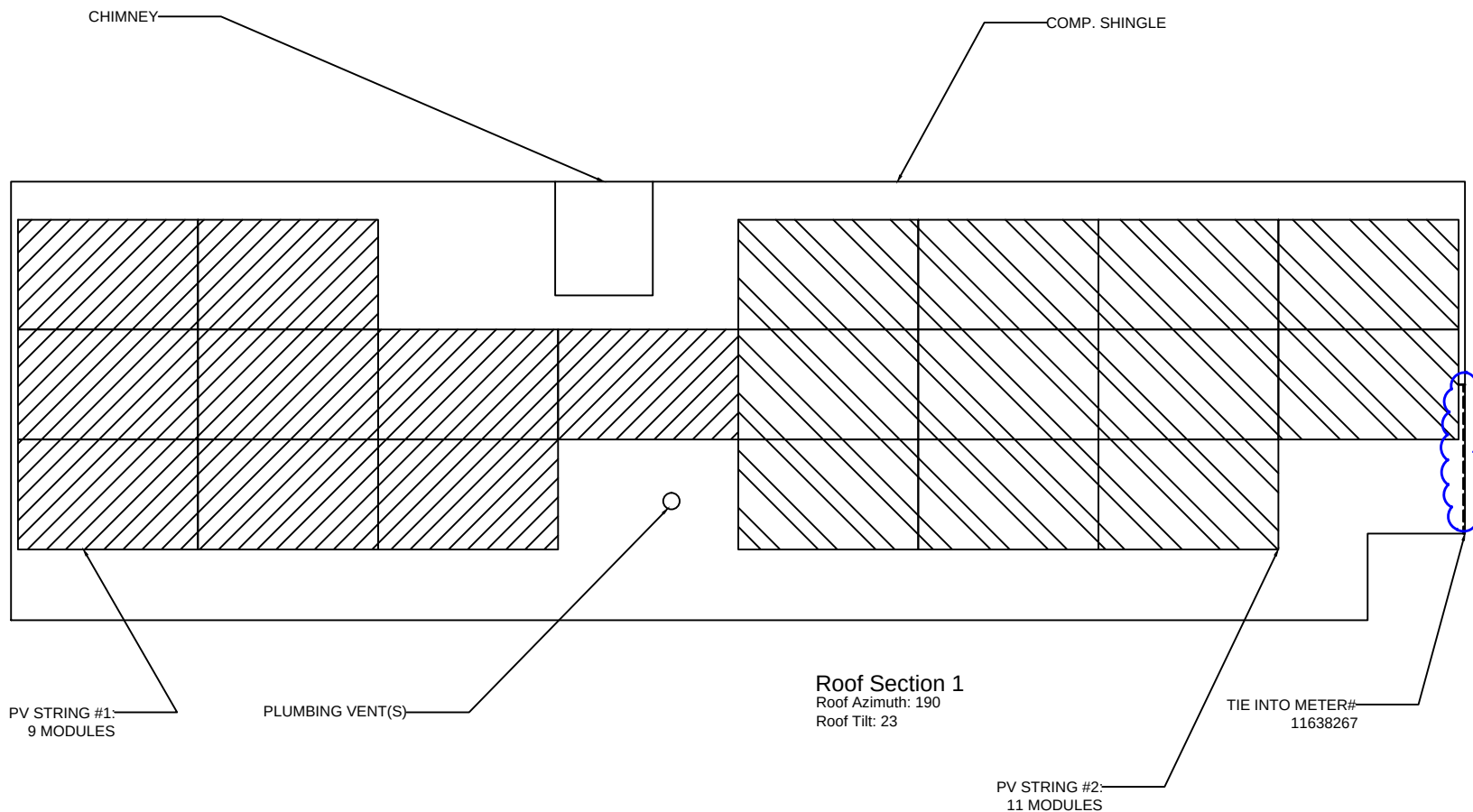
5 Easement Rd, Tewksbury MA 01876



PV SYSTEM SITE PLAN

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

PV 1.0	SHEET NUMBER:	SHEET NAME:		INSTALLER: VIVINT SOLAR INSTALLER NUMBER: 1.877.404.4129 MA LICENSE: MAHIC 170848 DRAWN BY: JV AR 4323906	vivent.solar Last Modified: 3/18/2016	Gilbert Residence 5 Easement Rd Tewksbury, MA 01876 UTILITY ACCOUNT NUMBER: 63129 38002



PV SYSTEM ROOF PLAN

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

SHEET
NUMBER:

PV 2.0

ROOF
PLAN

SHEET
NAME:

INSTALLER: VIVINT SOLAR

INSTALLER NUMBER: 1.877.404.4129

MA LICENSE: MAHIC 170848

DRAWN BY: JV

AR 4323906

vivint. solar

Last Modified: 3/18/2016

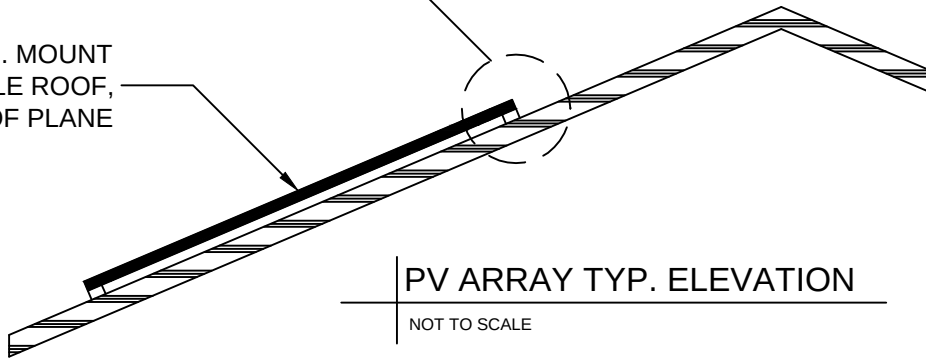
Gilbert Residence
5 Easement Rd
Tewksbury, MA 01876

UTILITY ACCOUNT NUMBER: 63129 38002

1
PV3.0

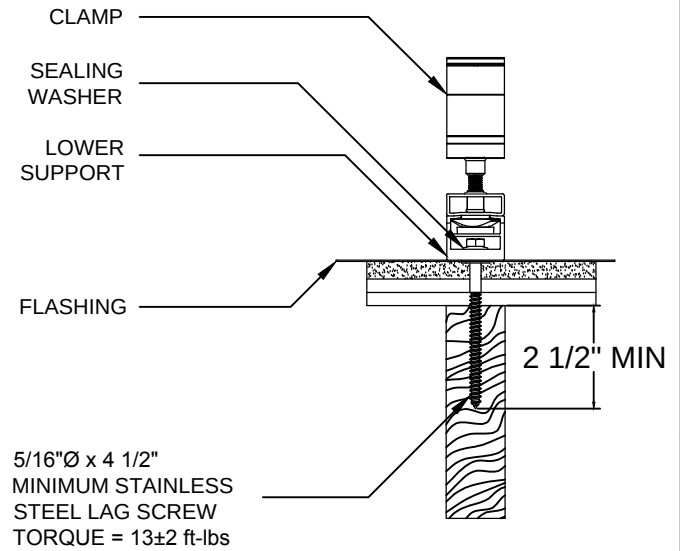
MOUNTING DETAIL

PV MODULES, TYP. MOUNT
OF COMP SHINGLE ROOF,
PARALLEL TO ROOF PLANE



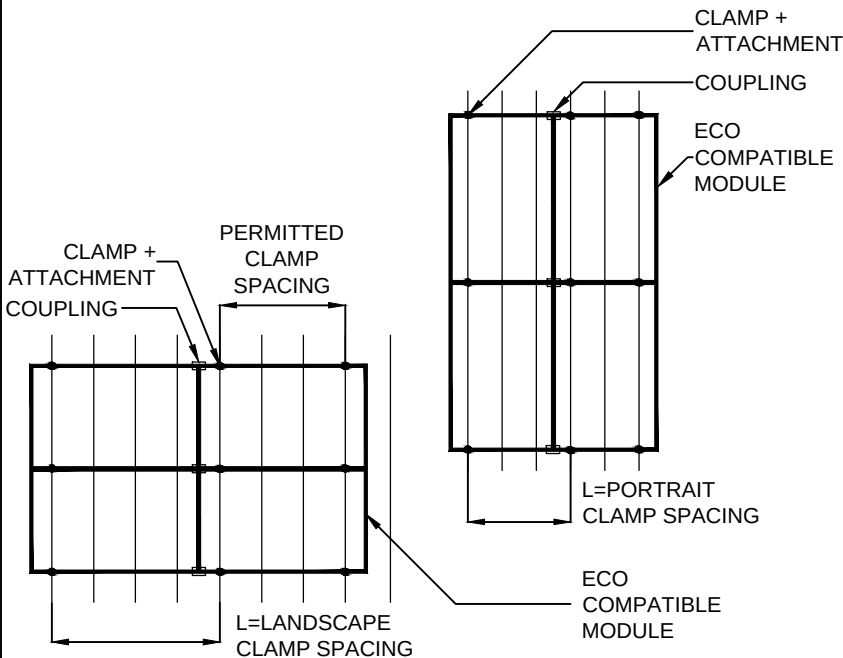
PV ARRAY TYP. ELEVATION

NOT TO SCALE



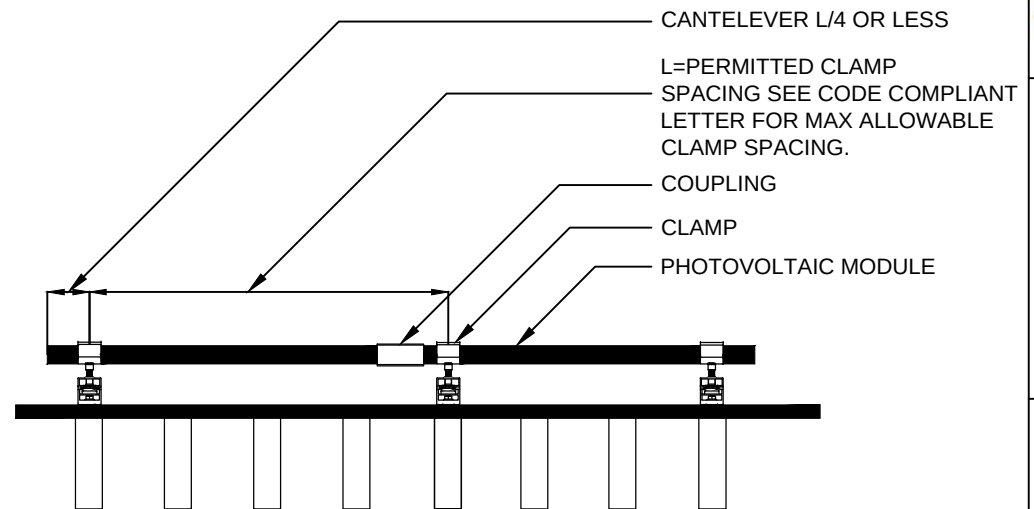
CLAMP ATTACHMENT

NOT TO SCALE



MODULES IN PORTRAIT/LANDSCAPE

NOT TO SCALE



PV SYSTEM MOUNTING DETAIL

NOT TO SCALE

①

Gilbert Residence
5 Easement Rd
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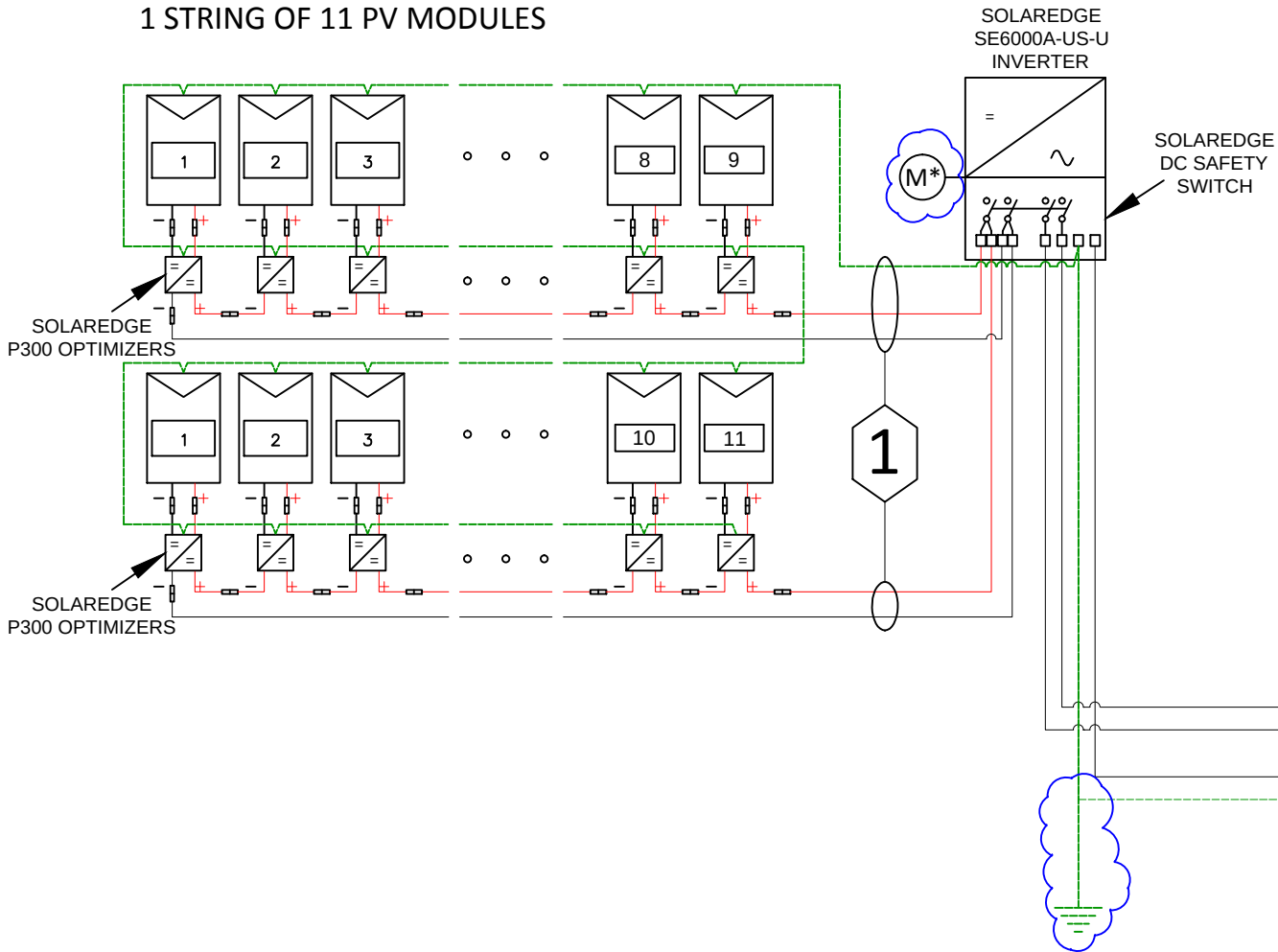
SHEET NAME:

MOUNT.
DETAILS

SHEET NUMBER:

PV 3.0

20 PV MODULES PER INVERTER =5200 WATTS STC
1 STRING OF 9 PV MODULES
1 STRING OF 11 PV MODULES



DC Safety Switch Notes:

Rated for max operating condition of inverter
NEC 690.35 compliant
*opens all ungrounded conductors

Notes:

ALL CONDUCTORS
SHALL BE COPPER

Design Conditions:

ASHRAE 2013
Highest Monthly 2% DB Design Temp 35.6°C.
Lowest Min. Mean Extreme DB -17°C
VOC Temp coefficient -0.32 V/°C

System Specs:

Max DC Voltage 500V
Nominal DC Operating Voltage 350V
Max. DC Current per String 15A
Nominal AC Current 25A

* CONFORMS TO ANSI C12.1-2008

SE6000A-US-U Inverter Specs:

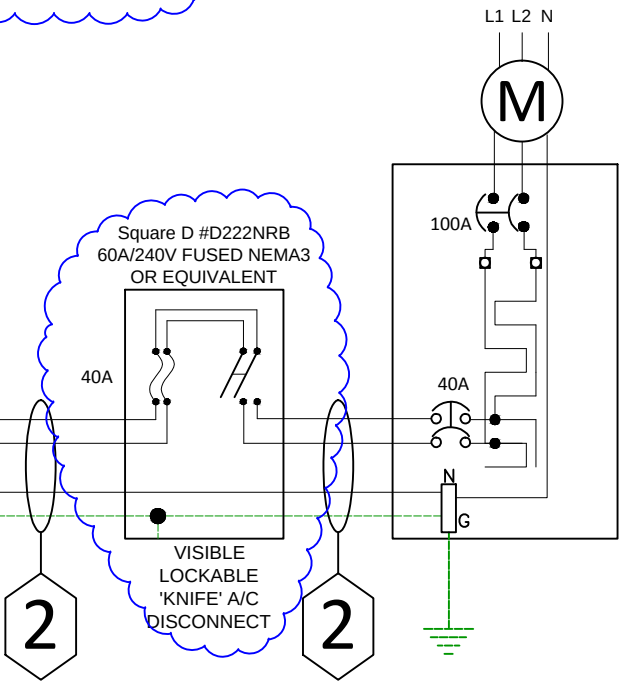
CEC Efficiency 97.5%
AC Operating Voltage 240V
Continuous Max Output 25A
DC Maximum Input Current 18A

Solar Edge Optimizer Specs:

P300 DC Input Power 300W
DC Max Input Voltage 8-48V
DC Max Input Current 12.5A
DC Max Output Current 15A
Max String Rating 5250W

Module Specs:

Trina Solar TSM-260PD05.08
Short Circuit Current (Isc) 9.00A
Open Circuit Voltage (Voc) 38.2V
Operating Current (Imp) 8.50A
Operating Voltage (Vmp) 30.6V
Max Series Fuse Rating 15A
STC Rating (Pmax) 260W
Power Tolerance -0/+3%



EXISTING
240V/125A AC
LOAD-CENTER
WITH 1-2 POLE 20A
SOLAR BREAKER

1

PV WIRE IN FREE AIR INTO THWN-2 IN 1" PVC CONDUIT.
KEEP UNDER 2% VOLTAGE DROP. MINIMUM 10 AWG CU
WIRE EACH (RATED 90 DEG C). 6AWG BARE COPPER EGC
OR 8AWG INSULATED GEC IN CONDUIT.

2

MINIMUM 6 AWG CU WIRE (RATED 90 DEG C) IN 1" PVC/LFNC
CONDUIT. L1, L2, AND NEUTRAL; 8 AWG GROUND WIRE.
KEEP UNDER 1.5% VOLTAGE DROP.

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INSTALLER NUMBER: 1.877.404.4129
MA LICENSE: MAHIC 170848
DRAWN BY: JV AR 4323906

SHEET NAME:
3-LINE
DIAGRAM

SHEET NUMBER:

E 1.0