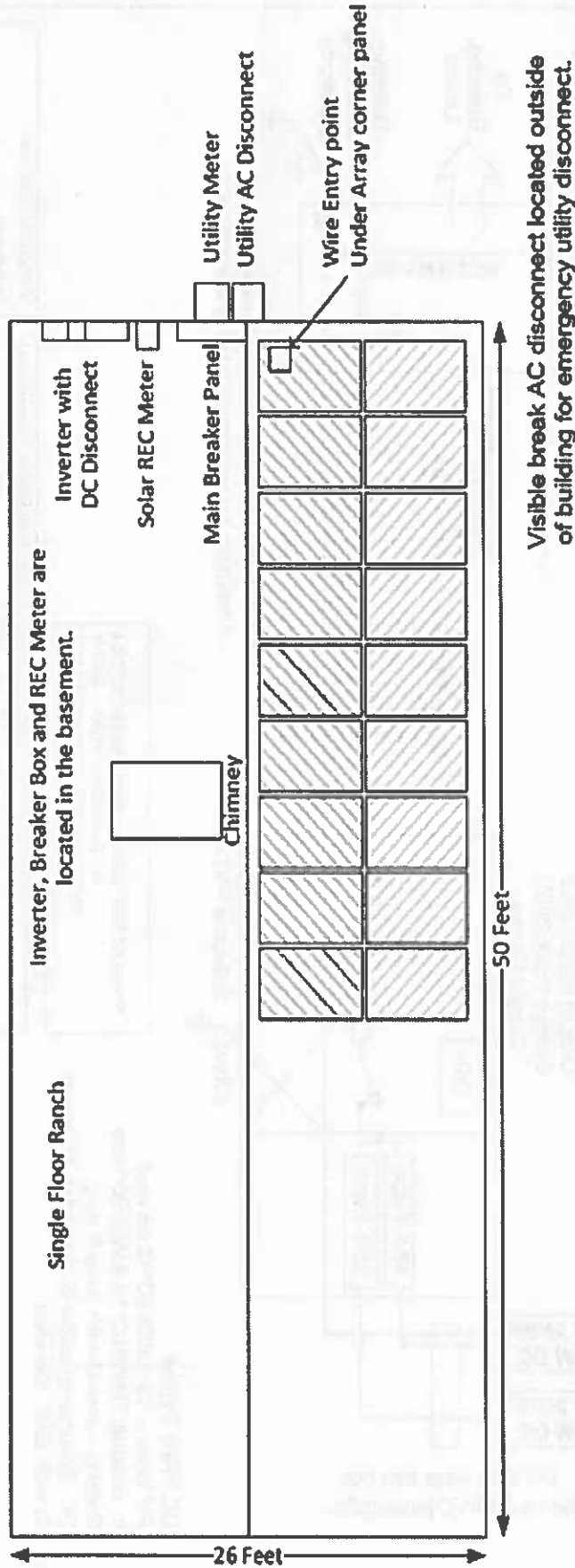


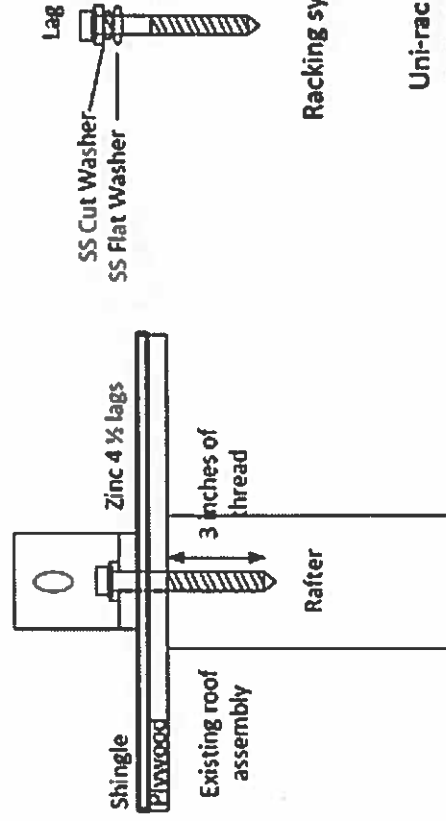
Sample Solar PV One Line Site Plan



Installation Company Name Contact name Phone # Installer Address Town, NH	Property Owner
	Address
	Drawing Number 101
	Revision 1
	Month Day, Year
	Drawn By: Name of Designer



Sample Solar PV Attachment Details



Racking system is Uni-Rac, Solarmount with standard size rail.

Uni-rac supplies the lag screws and SS hardware necessary to ensure dissimilar metal compliance. Nowhere does the aluminum touch steel directly.

Type of sealant

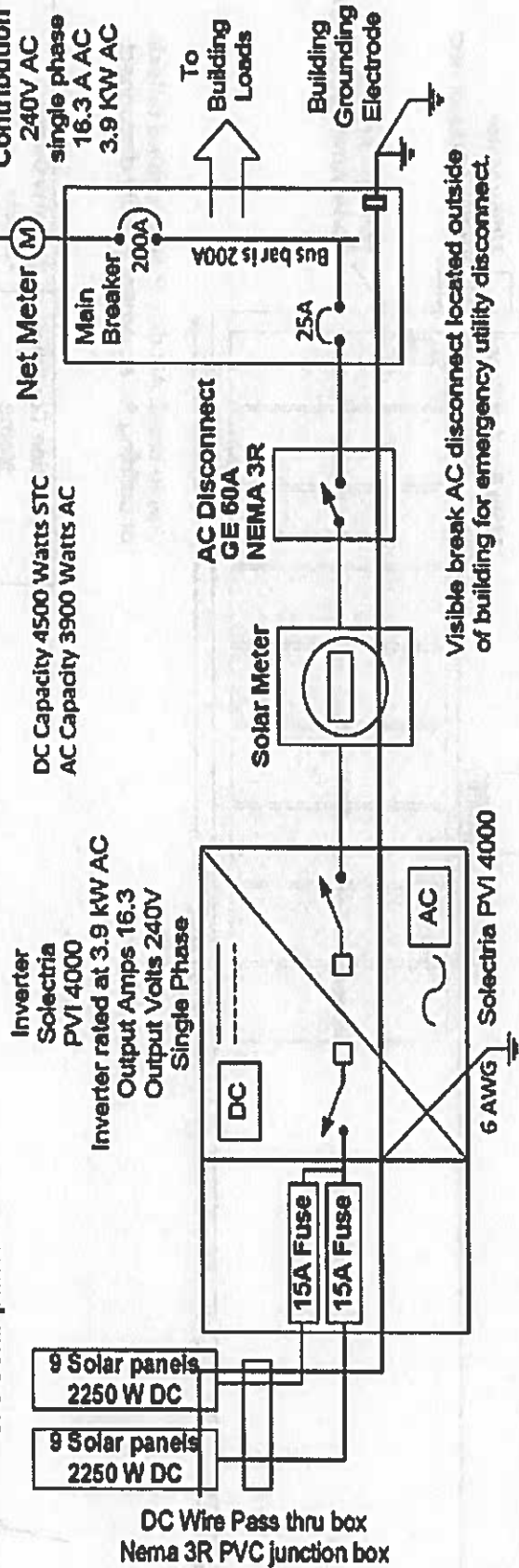
All penetrations are sealed with Sikaflex 1A Polyurethane Elastomeric Sealant Adhesive

Only sealant will be used to seal penetrations and no flashings

Installation Company Name	Property Owner Address
Contact name	Drawing Number 101
Phone #	Revision 1
Installer Address	Month Day, Year
Town, NH	Drawn By: Name of Designer

Sample Solar PV Electrical One Line

Design includes a total of 18 1soltech
250W 1STH-250 solar panels.
The inverter is powered by two strings
of 9 solar panels.



DC Wire Types
PV Wire -- 10 AWG 90° C on roof
In conduit THWN-2 10 AWG 90° wire
Rails grounded with bare 8 awg
DC Grounding cable 6 awg bare or green
¾ inch EMT Conduit

AC Wire Type
THWN-2 6 awg 90° wire
¾ inch EMT Conduit

Point of Interconnection Sticker 690.54
AC Operating Volts 240 V
Max Operating Current 16.3 A

Source Sticker NEC 690.53
Operating Current 16.3 A
Operating Voltage 277 V
Maximum System Voltage 400 V
Short Circuit Current 27.1 A

Note: Each DC Grounding cable will be 6 awg bare or green and connect to building grounding electrode.

Installation Company	Property Owner
	Address
	Drawing Number 101
	Revision 1
Name	Month Day, Year
	Drawn By: Name of Designer
Contact name	
Phone #	
Installer Address	
Town, NH	