RE-INSTALLATION OF EXISTING PV SOLAR SYSTEM MODULES ONLY

22 WINDYBUSH WAY TITUSVILLE, NJ 08560

WINDYBUSH WAY





SITE

GENERAL NOTES

- 1. THE INSTALLATION CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL EQUIPMENT AND FOLLOWING ALL DIRECTIONS AND INSTRUCTIONS CONTAINED IN THE DRAWING PACKAGE AND INFORMATION RECEIVED FROM TRINITY.
- 2. THE INSTALLATION CONTRACTOR IS RESPONSIBLE FOR INSTALLING ALL EQUIPMENT AND FOLLOWING ALL DIRECTIONS AND INSTRUCTION CONTAINED IN THE COMPLETE MANUAL
- 3. THE INSTALLATION CONTRACTOR IS RESPONSIBLE FOR READING AND LINDERSTANDING ALL DRAWINGS COMPONENT AND INVERTER MANUALS PRIOR TO INSTALLATION. THE INSTALLATION CONTRACTOR IS ALSO REQUIRED TO HAVE ALL COMPONENT SWITCHES IN THE OFF POSITION AND FUSES REMOVED PRIOR TO THE INSTALLATION OF ALL FUSE BEARING SYSTEM COMPONENTS.
- ONCE THE PHOTOVOLTAIC MODULES ARE MOUNTED, THE INSTALLATION CONTRACTOR SHOULD HAVE A MINIMUM OF ONE ELECTRICIAN WHO HAS ATTENDED A SOLAR PHOTOVOLTAIC INSTALLATION COURSE ON SITE
- 5. FOR SAFETY, IT IS RECOMMENDED THAT THE INSTALLATION CREW ALWAYS HAVE A MINIMUM OF TWO PERSONS WORKING TOGETHER AND THAT EACH OF THE INSTALLATION CREW MEMBERS BE TRAINED IN FIRST AID AND CPR.
- . THIS SOLAR PHOTOVOLTAIC SYSTEM IS TO BE INSTALLED FOLLOWING THE CONVENTIONS OF THE NATIONAL ELECTRICAL CODE. ANY LOCAL CODE WHICH MAY SUPERSEDE THE NEC SHALL GOVERN.
- 7. ALL SYSTEM COMPONENTS TO BE INSTALLED WITH THIS SYSTEM ARE TO BE "UL" LISTED. ALL EQUIPMENT WILL BE NEMA 3R OUTDOOR RATED UNLESS INDOORS.

GENERAL NOTES CONTINUED

- THE DC VOLTAGE FROM THE PANELS IS ALWAYS PRESENT AT THE DC DISCONNECT ENCLOSURE AND THE DC TERMINALS OF THE INVERTER DURING DAYLIGHT HOURS ALL PERSONS WORKING ON OR INVOLVED WITH THE PHOTOVOLTAIC SYSTEM ARE WARNED THAT THE SOLAR MODULES ARE ENERGIZED WHENEVER THEY ARE EXPOSED TO LIGHT.
- ALL PORTIONS OF THIS SOLAR PHOTOVOLTAIC SYSTEM SHALL BE MARKED CLEARLY IN ACCORDANCE WITH THE NATIONAL ELECTRICAL CODE ARTICLE 690 & 705.
- PRIOR TO THE INSTALLATION OF THIS PHOTOVOLTAIC SYSTEM THE INSTALLATION CONTRACTOR SHALL ATTEND A PRE-INSTALLTION MEETING FOR THE REVIEW OF THE INSTALLATION PROCEDURES, SCHEDULES, SAFETY AND COORDINATION.
- PRIOR TO THE SYSTEM START UP THE INSTALLATION CONTRACTOR SHALL ASSIST IN PERFORMING ALL INITIAL HARDWARE CHECKS AND DC WIRING CONDUCTIVITY CHECKS.
- FOR THE PROPER MAINTENANCE AND ISOLATION OF THE INVERTERS REFER TO THE ISOLATION PROCEDURES IN THE
- THE LOCATION OF PROPOSED ELECTRIC
 AND TELEPHONE UTILITIES ARE SUBJECT APPROPRIATE UTILITY COMPANIES AND OWNERS.
- ALL MATERIALS, WORKMANSHIP AND CONSTRUCTION FOR THE SITE IMPROVEMENTS SHOWN HEREIN SHALL BE IN ACCORDANCE WITH:
 - A) CURRENT PREVAILING MUNICIPAL AND/OR COUNTY SPECIFICATIONS STANDARDS AND REQUIREMENTS

GENERAL NOTES CONTINUED

- B) CURRENT PREVAILING UTILITY COMPANY SPECIFICATIONS. STANDARDS, AND REQUIREMENTS THIS SET OF PLANS HAVE BEEN
- PREPARED FOR THE PURPOSE OF MUNICIPAL AND AGENCY REVIEW AND APPROVAL, THIS SET OF PLANS SHALL NOT BE UTILIZED AS CONSTRUCTION DRAWINGS UNTIL REVISED TO INDICATE "ISSUED FOR CONSTRUCTION".
- ALL INFORMATION SHOWN MUST BE CERTIFIED PRIOR TO USE FOR CONSTRUCTION ACTIVITIES

ALTERNATING CURRENT

ABOVE FINISHED FLOOR

ABOVE FINISHED GRADE

CONDUIT (GENERIC TERM OF

AMERICAN WIRE GAUGE

RACEWAY, PROVIDE AS

ABBREVIATIONS

AMPERE

AMP FRAME

AMP

AC AWG

SPECIFIED) COMBINER BOX CIRCUIT CURRENT TRANSFORMER COPPER

DIRECT CURRENT DISCONNECT SWITCH DWG DRAWING ELECTRICAL SYSTEM INSTALLER

ELECTRICAL METALLIC TUBING FUSIBLE SWITCH FUSE GND GROUND

GFI GROUND FAULT INTERRUPTER FREQUENCY (CYCLES PER

ABBREVIATIONS CONTINUED

JUNCTION BOX THOUSAND CIRCULAR MILS KILO-VOLT AMPERE kVA KILO-WATT kWH KILO-WATT HOUR MCB MAIN CIRCUIT BREAKER

MDP MAIN DISTRIBUTION PANEL MLO MAIN LUG ONLY MOUNTED MTG MOUNTING

NEUTRAL NATIONAL ELECTRICAL CODE NIC NO# NOT IN CONTRACT NUMBER

NTS OCP P PB OVER CURRENT PROTECTION POLF. **PULL BOX**

PHASE
POLY-VINYL CHLORIDE CONDUIT PVC PWR QTY

QUANTITY RIGID GALVANIZED STEEL RGS SOLID NEUTRAL JSWBD SWITCHBOARD

TYPICAL UNLESS OTHERWISE INDICATED WEATHERPROOF TRANSFORMER

MOUNT 72 INCHES TO BOTTOM OF ABOVE FINISHED FLOOR OR

SHEET INDEX

COVER SHEET W/ SITE INFO & NOTES

ROOF PLAN W/ MODULE LOCATIONS

ELECTRICAL 3 LINE DIAGRAM

Issued / Revisions		
P2	RE-ISSUED TO TOWNSHIP FOR PERMIT	
P1	ISSUED TO TOWNSHIP FOR PERMIT	12/11/2017
NO.	DESCRIPTION	DATE

Project Title:

HAZZARD, MARK

TRINITY ACCT #: 2009-06-0042

Project Address:

22 WINDYBUSH WAY TITUSVILLE, NJ 08560

Drawing Title:

PROPOSED RE-INSTALLATION OF **EXISTING PV SOLAR SYSTEM**

Drawing Information		
DRAWING DATE:	12/11/2017	
DRAWN BY:	RTC	
REVISED BY:	RTC	

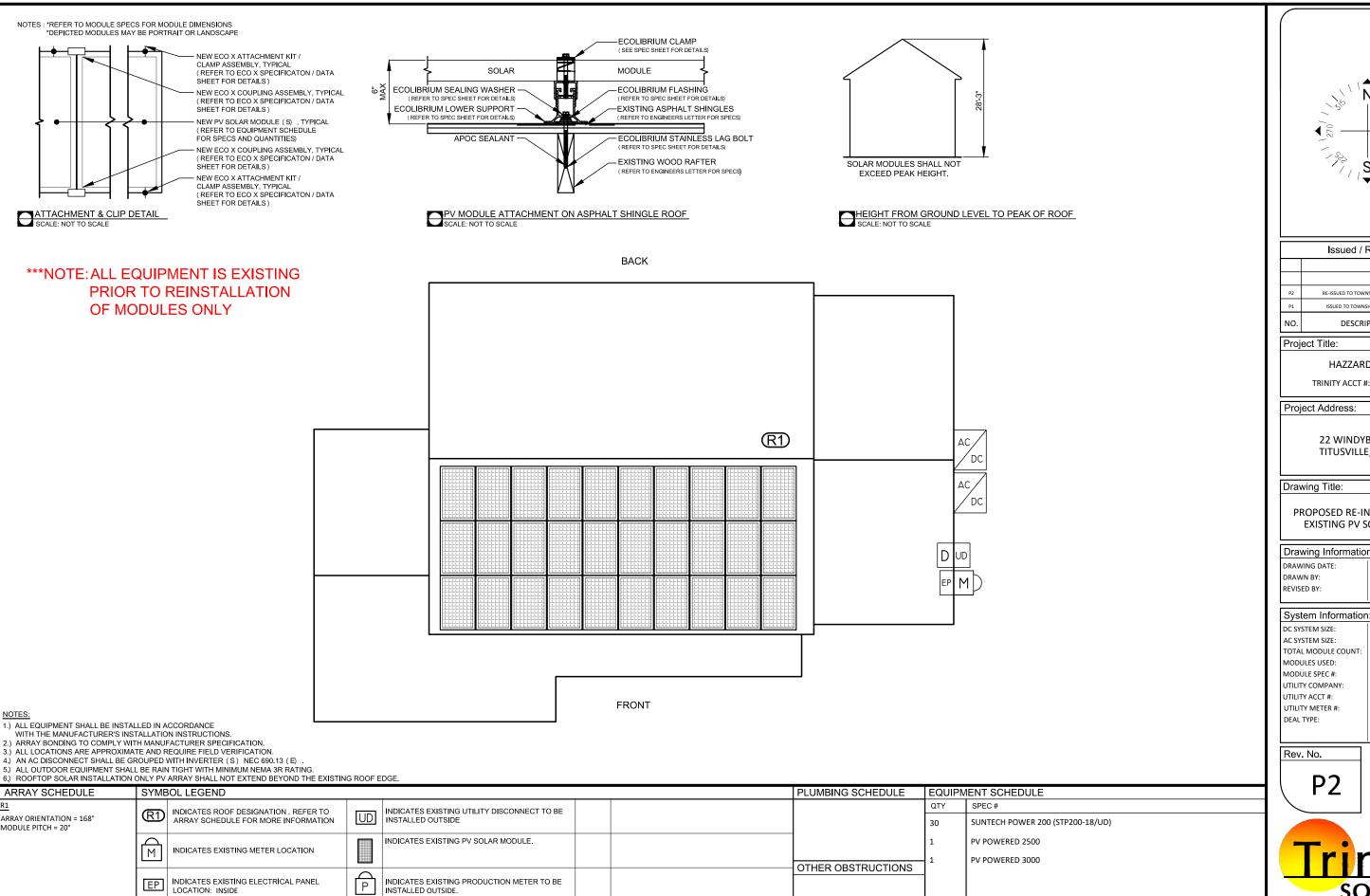
System Information:		
DC SYSTEM SIZE:	6kW	
AC SYSTEM SIZE:	5.5kW	
TOTAL MODULE COUNT:	30	
MODULES USED:	SUNTECH POWER 200	
MODULE SPEC #:	STP200-18/UD	
UTILITY COMPANY:	PSE&G	
UTILITY ACCT #:		
UTILITY METER #:		
DEAL TYPE:		

Rev.	No.
	P2



2211 Allenwood Road 877-797-2978 Wall, New Jersey 07719

APPENDIX



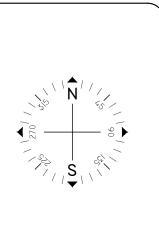
INDICATES EXISTING INVERTER TO BE

REFER TO EQUIPMENT SCHEDULE FOR SPECS.

INSTALLED OUTSIDE

INDICATES EXISTING MAIN

DISCONNECT



Issued / Revisions		
P2	RE-ISSUED TO TOWNSHIP FOR PERMIT	
P1	ISSUED TO TOWNSHIP FOR PERMIT	12/11/2017
NO.	DESCRIPTION	DATE

HAZZARD, MARK

TRINITY ACCT #: 2009-06-0042

22 WINDYBUSH WAY TITUSVILLE, NJ 08560

PROPOSED RE-INSTALLATION OF EXISTING PV SOLAR SYSTEM

Drawing Information	
DRAWING DATE:	12/11/20
DRAWN BV:	PTC

017 RTC

TOTAL MODULE COUNT: UTILITY COMPANY:

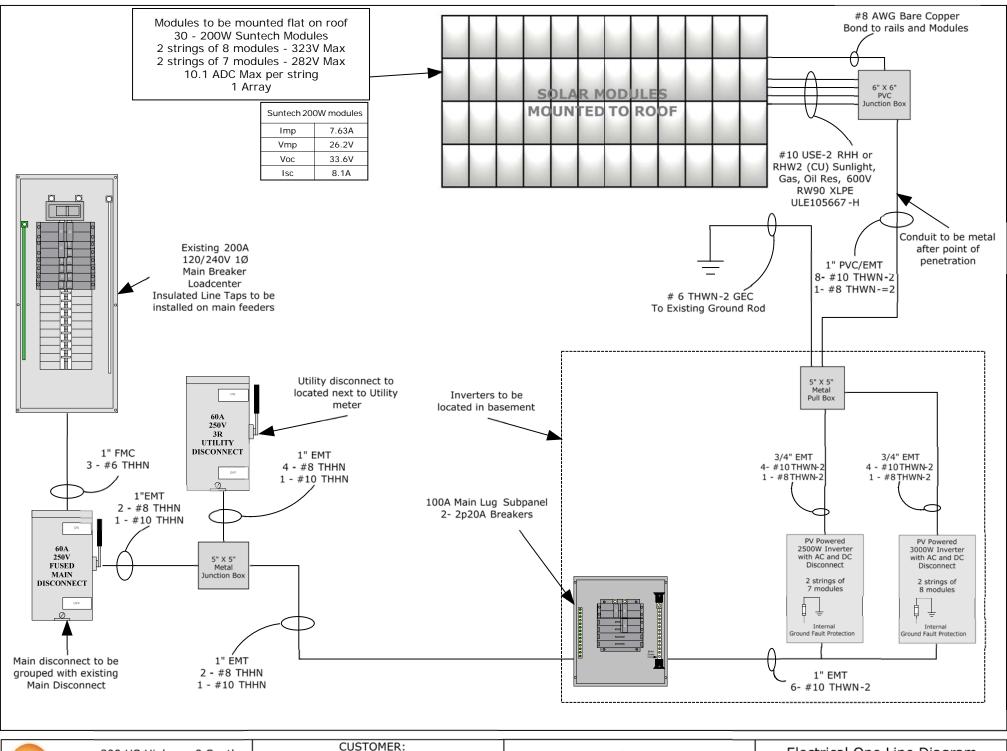
SUNTECH POWER 200 STP200-18/UD PSE&G

5.5kW

Sheet



2211 Allenwood Road 877-797-2978 Wall, New Jersey 07719





800 US Highway 9 South Freehold, NJ 07728 TEL. 732-780-3779 FAX. 732-780-6671 CUSTOMER: Hazzard 22 Windybush Way Ewing, NJ 08560

6 KW Solar System 30- 200W Suntech modules Electrical One Line Diagram Revision No. 01 Date: 7/21/09