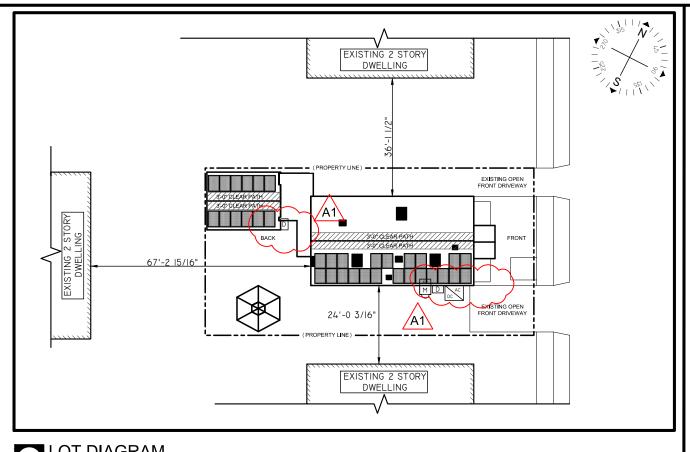
# **INSTALLATION OF NEW ROOF MOUNTED PV SOLAR SYSTEM**

90-28 188 ST **HOLLIS, NY 11423** 









**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 UNDERSTANDING 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.
  4. 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.
- 6 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
- 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 OPERATION MANUAL.
- THE LOCATION OF PROPOSED ELECTRIC AND TELEPHONE UTILITIES ARE SUBJECT TO FINAL APPROVAL OF THE APPROPRIATE UTILITY COMPANIES AND OWNERS
- ALL MATERIALS. WORKMANSHIP AND CONSTRUCTION FOR THE SITE IMPROVEMENTS SHOWN HEREIN SHALL BE IN ACCORDANCE WITH:
  - **ENERGY CODE** A) CURRENT PREVAILING MUNICIPAL COMPLIANCE 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.

SATELLITE VIEW

- 1. PV INSTALLATION TO COMPLY WITH ARTICLE 690 OF THE NEC
- 2. PV INSTALLATION TO COMPLY WITH NYSERDA REQUIREMENTS.
- 3 PV INSTALLATION TO COMPLY WITH NEW YORK STAT STANDARDIZED INTERCONNECTION REQUIREMENTS.

1. PV INSTALLATION TO COMPLY WITH NYC ELECTRIC CODE 2011.

#### PLAN NOTES

1 SCOPE OF WORK IS SOLEY FOR THE INSTALLATION OF THE SOLAR ELECTRONIC GENERATING SYSTEM. ALL OTHER WORK IS NOT TO BE RELIED UPON AS BEING APPROVED AND/OR PERMITTED BY THE DOB

### SPECIAL INSPECTIONS: STABILITY

FIRE STOP PROGRESS INSPECTIONS FINAL INSPECTION VISUAL AIR SEALING

# LOT DIAGRAM SCALE: 1"=350'

# TENANT SAFETY NOTES

- 1. CONSTRUCTION WORK WILL BE CONFINED TO THE ROOF / OUTSIDE & WILL NOT CREATE DUST, DIRT OR OTHER INCONVENIENCES TO NEIGHBORING PROPERTIES OR APARTMENT UNITS WITHIN THE BUILDING.
- 2. CONSTRUCTION WORK WILL NOT BLOCK HALLWAYS OR MEANS OF EGRESS FOR NEIGHBORING PROPERTIES OR TENANTS OF THE BUILDING.
- 3. CONSTRUCTION WORK WILL NOT INVOLVE INTERRUPTION OF HEATING, WATER OR ELECTRIC SERVICES TO NEIGHBORING PROPERTIES OR TENANTS OF THE BUILDING
- 4. CONSTRUCTION WORK WILL BE CONFINED TO NORMAL WORKING HOURS, 8AM - 5PM MONDAY THRU FRIDAY EXCEPT LEGAL HOLIDAYS.

A. TENANT EGRESS TO AND FROM THE BUILDING.

B. FIRE SAFETY, OR CREATE A FIRE HAZARD.

STAT AND FEDERAL DUMPING GROUNDS

THRU FRIDAY EXCEPT LEGAL HOLIDAYS

ROPOSED VALUE:

PRESCRIBED IN SECTION ECC

R402.4.2 AND ECC TABLE R402.4.2

PENETRATIONS AS

JII DING STRUCTURE BY

MEMBERS, AND SHOWN ON

BOLTING TO STRUCTURAL

C. STRUCTURAL SAFETY OF THE BUILDING.

TENANT PROTECTION PLAN

### **ABBREVIATIONS** AMPERE

AC	ALTERNATING CORRENT
AL	ALUMINUM
AF	AMP. FRAME
AFF	ABOVE FINISHED FLOOR
AFG	ABOVE FINISHED GRADE
AWG	AMERICAN WIRE GAUGE
С	CONDUIT (GENERIC TERM OF
	RACEWAY, PROVIDE AS

SPECIFIED) COMBINER BOX CKT CIRCUIT **CURRENT TRANSFORMER** 

CU COPPER DC DISC DIRECT CURRENT DISCONNECT SWITCH DWG DRAWING

ELECTRICAL SYSTEM INSTALLER EC EMT ELECTRICAL METALLIC TUBING FUSIBLE SWITCH

FUSE GROUND GFI

SPECIAL PRECAUTION SHALL BE TAKEN BY THE CONTRACTOR SO THAT EQUIPMENT ON THIS

D. ACCUMULATION OF DUST. THE CONTRACTOR SHALL LEAVE THE WORK SITE BROOM CLEAN EACH

IN ACCORDANCE WITH ALL APPLICABLE REGULATIONS OF O.S.H.A SECTION 1901.1, INCLUDING

DAY. IN THE EVENT THAT ASBESTOS IS FOUND ON THE JOBSITE, ITS REMOVAL SHALL TAKE PLACE

THERE SHALL BE NO CREATION OF NOISE OUTSIDE THE NORMAL HOURS OF 8AM TO 5PM MONDAY

PPLICATION TYPE: ALT-2 SCOPE OF WORK: INSTALL NEW ROOF MOUNTED SOLAR ELECTRICITY (PV-PHOTOVOLTAIC) GENERATING SYSTEI

THAT SHOWN IN THIS ENERGY ANALYSIS. HAS BEEN INCLUDED IN AN ASSOCIATED PLAN APPROVAL AND WORK PERMIT APPLICATION

RESCRIPTIVE VALUE

EATHERSTRIPPING OR OTHER

MATERIALS IN ACCORDANCE

TH SECTION ECC R402.4.1

AND CITATION:

CERTIFY THAT ANY BUILDING CONSTRUCTION ASSOCIATED WITH THE INSTALLATION OF THE SOLAR ELECTRIC GENERATING SYSTEM, OTHER THAN

OCUMENTATION 01 00 SOLAR PANEL

NCHORAGE DETAILS AND

APPLICATION AND ITS INSTALLATION WILL NOT AFFECT THE FALLOWING

# FS FU GROUND FAULT INTERRUPTER

FREQUENCY (CYCLES PER

DESCRIPTION:

A6: AIR SEALING- VISUAL INSPECTION OPTION: VISUA

ECC R402.4 AND APPROVED DRAWINGS

INSPECTION OF OPENINGS AND PENETRATIONS IN THE BUILDING ENVELOPE TO VERIFY THAT THEY ARE PROPERLY

SEALED, IN ACCORDANCE WITH ECC TABLE R402.4.2, SECTION

### ABBREVIATIONS CONTINUED

THOUSAND CIRCULAR MILS KILO-VOLT AMPERE kVA KILO-WATT kWH KILO-WATT HOUR MAIN CIRCUIT BREAKER MDP MAIN DISTRIBUTION PANEL MLO MAIN LUG ONLY

MOUNTED MTG MOUNTING NEUTRAL NATIONAL ELECTRICAL CODE NIC NOT IN CONTRACT NUMBER

NOT TO SCALE OVER CURRENT PROTECTION OCP POLE PB PULL BOX

PHASE POLY-VINYL CHLORIDE CONDUIT **POWER** QTY

QUANTITY RIGID GALVANIZED STEEL

### ABBREVIATIONS CONTINUED

JSWBD SWITCHBOARD U.O.I. UNLESS OTHERWISE INDICATED WEATHERPROOF XEMR TRANSFORMER +72 MOUNT 72 INCHES TO BOTTOM OF ABOVE FINISHED FLOOR OR GRADE

T-001.00 - COVER SHEET S- 001.00 - ROOF LAYOUT S- 002 00 - FLEVATION DRAWING S- 003.00 - ELEVATION DRAWING S- 004.00 - ELEVATION DRAWING E- 001.00 - ELECTRICAL 3-LINE DRAWING

NYC FC504 EXEMPT - PITCH GREATER THAN 5/12 BC 109.3.3 RCNY 5000-01 (H) (IA6) IIA6) 28-116.2.4.2 AND DIRECTIVE 14 OF 1975

1. SCOPE OF WORK IS SOLEY FOR THE INSTALLATION OF THE SOLAR ELECTRONIC GENERATING SYSTEM. ALL OTHER WORK IS NOT TO BE RELIED UPON AS BEING APPROVED AND/OR PERMITTED BY THE DOE

#### DEPARTMENT OF BUILDING NOTES

### PLAN NOTES

DWG No: T-001.01 **PAGE: 1 OF 5** 



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ISSUED TO TOWNSHIP FOR PERMIT

DESCRIPTION

ARJUN, NANDKUMAR

TRINITY ACCT #: 2017-11-208978

90-28 188 ST

HOLLIS, NY 11423

40.711964,-73.771728

**COVER SHEET** 

5/29/2018

10.03kW

HANWHA 295

CON EDISON

7259964

SUNNOVA

O.PEAK-BLK G4.1 295

266878443000086

www.Trinity-Solar.com

7.6kW

JMS

Project Title:

Project Address:

Drawing Title:

DRAWING DATE

DC SYSTEM SIZE:

AC SYSTEM SIZE:

MODULES USED:

MODULE SPEC #:

UTILITY COMPANY:

UTILITY METER #

UTILITY ACCT #:

DEAL TYPE:

DRAWN BY:

REVISED BY:

Drawing Information

System Information:

TOTAL MODULE COUNT

8/29/20

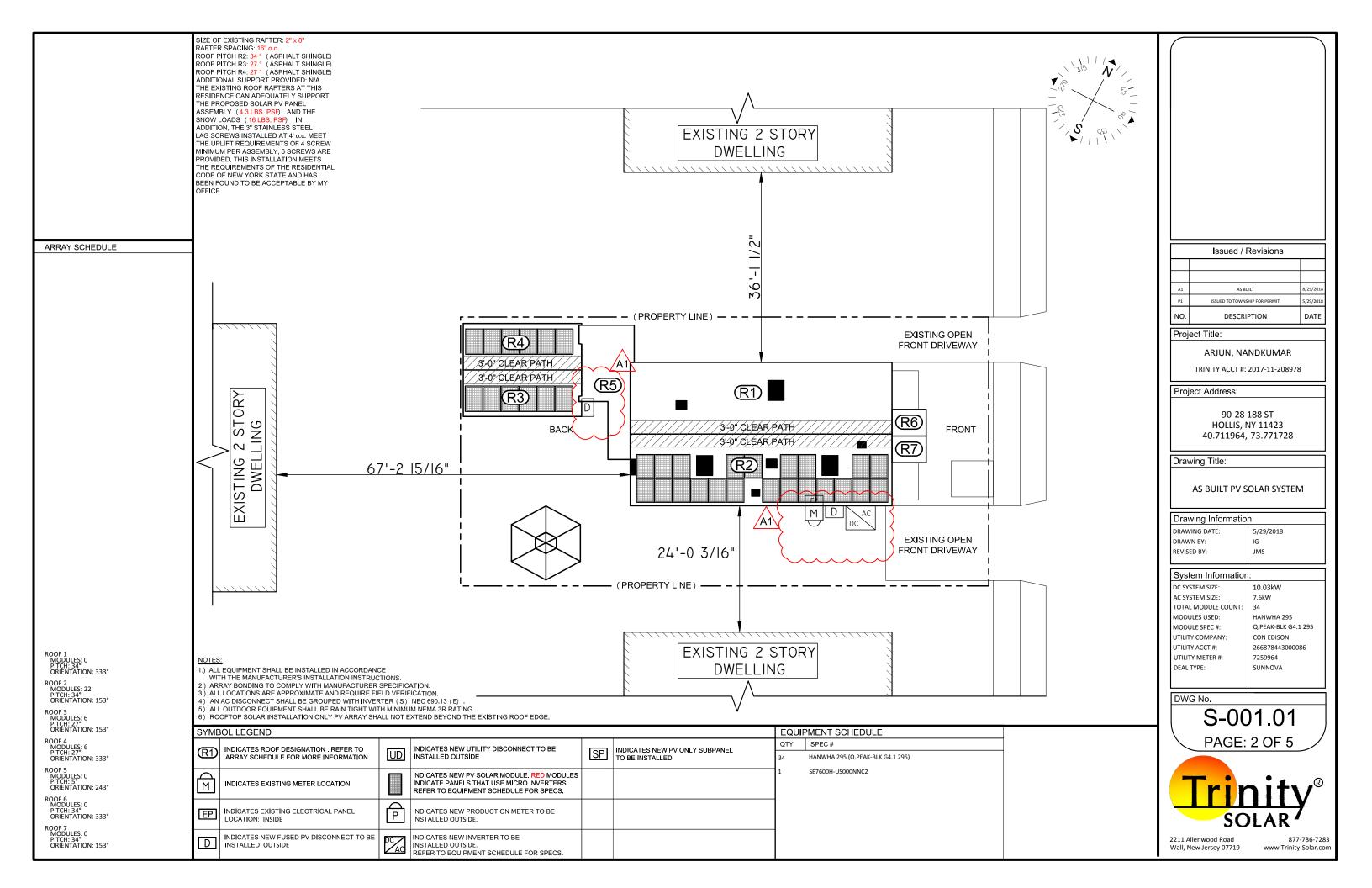
DATE

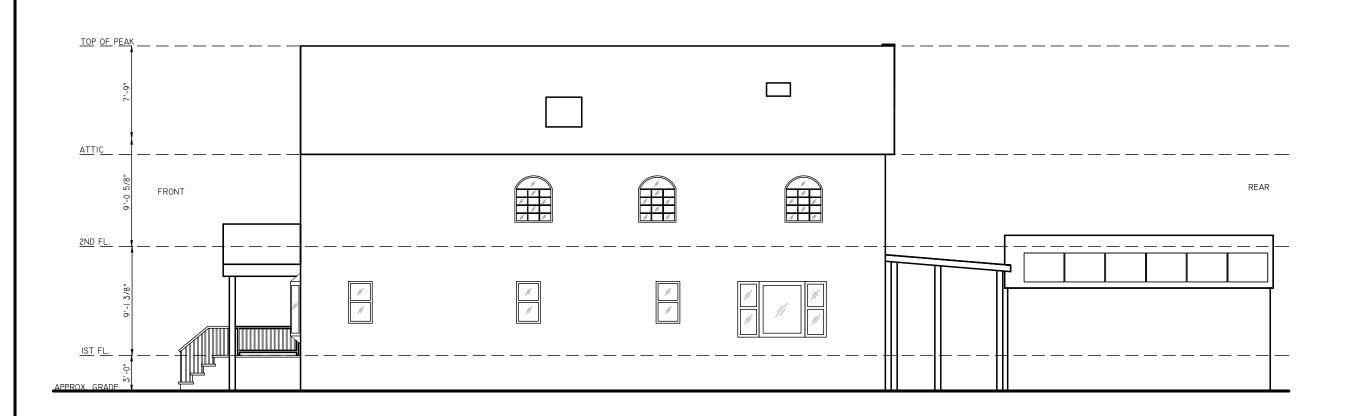
2211 Allenwood Road Wall, New Jersey 07719

NYC DEPT OF BUILDING APPROVAL STAMP

TO THE BEST OF MY KNOWLEDGE, BELIEF AND PROFESSIONAL JUDGEMENT, THESE PLANS AND SPECIFICATIONS ARE IN COMPLIANCE WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK CITY 2010

THE WORK PROPOSED IN THIS APPLICATION IS COMPLIANT WITH THE ENERGY CONSERVATION CONSTRUCTION CODE OF NEW YORK CITY





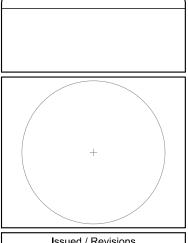




# EAST ELEVATION SCALE: 1/8"=1'-0"

#### PLAN NOTES

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	Issued / Revisions		
A1	AS BUILT	8/29/2018	
P1 ISSUED TO TOWNSHIP FOR PERMIT		5/29/2018	
NO.	DESCRIPTION	DATE	

### Project Title:

ARJUN, NANDKUMAR

TRINITY ACCT #: 2017-11-208978

#### Project Address:

90-28 188 ST HOLLIS, NY 11423 40.711964,-73.771728

Drawing Title:

### ELEVATION DRAWING

Drawing Information		
DRAWING DATE:	5/29/2018	
DRAWN BY:	IG	
REVISED BY:	JMS	

#### System Information: DC SYSTEM SIZE: 10.03kW AC SYSTEM SIZE: 7.6kW TOTAL MODULE COUNT: MODULES USED: HANWHA 295 MODULE SPEC #: Q.PEAK-BLK G4.1 295 UTILITY COMPANY: CON EDISON UTILITY ACCT #: 266878443000086 UTILITY METER #: 7259964 DEAL TYPE: SUNNOVA

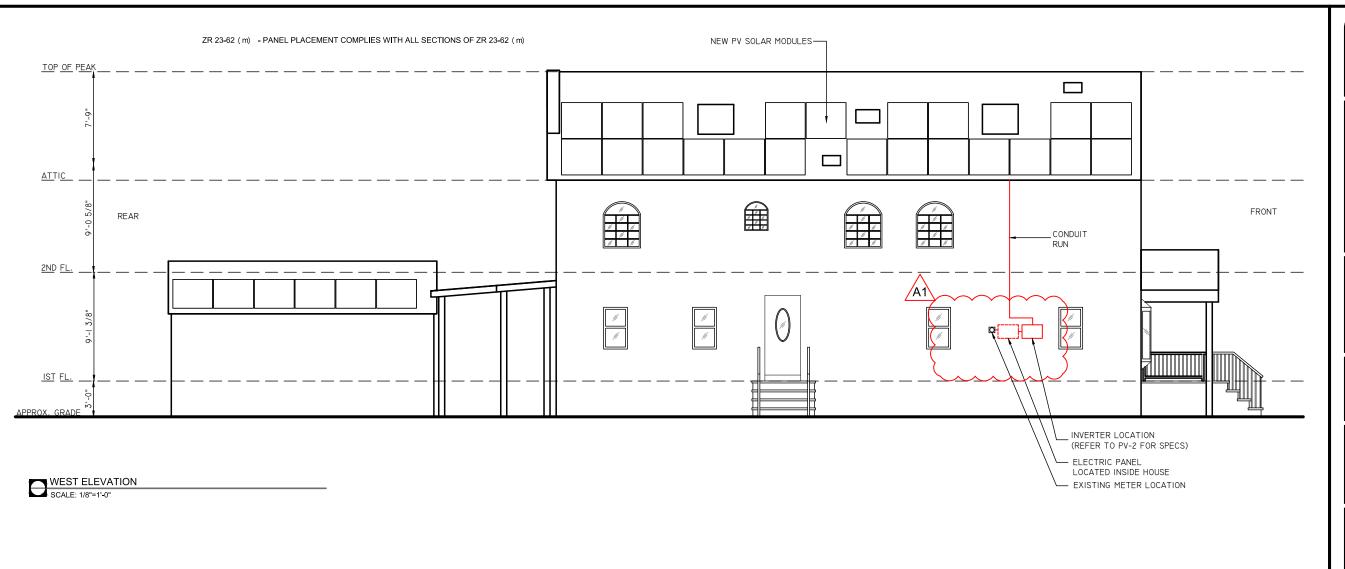
DWG No.

S-002.01
PAGE: 3 OF 5



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NYC DEPT OF BUILDING APPROVAL STAMP





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NYC DEPT OF BUILDING APPROVAL STAMP

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TRINITY ACCT #: 2017-11-208978

### Project Address:

90-28 188 ST HOLLIS, NY 11423 40.711964,-73.771728

### Drawing Title:

### ELEVATION DRAWING

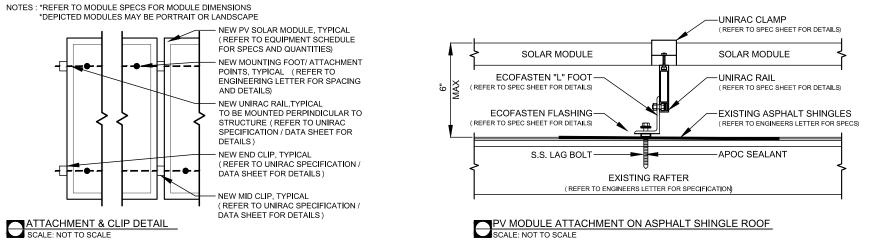
Drawing Information		
DRAWING DATE:	5/29/2018	
DRAWN BY:	IG	
REVISED BY:	JMS	

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S-003.01
PAGE: 4 OF 5



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ARRAY CIRCUIT WIRING NOTES
1.) LICENSED ELECTRICIAN ASSUMES ALL RESPONSIBILITY
FOR DETERMINING ONSITE CONDITIONS AND
EXECUTING INSTALLATION IN ACCORDANCE WITH
NEC 2014.

/A1\

2.) LOWEST EXPECTED AMBIENT TEMPERATURE BASED ON ASHRAE MINIMUM MEAN EXTREME DRY BULB TEMPERATURE FOR ASHRAE LOCATION MOST SIMILAR TO INSTALLATION LOCATION. LOWEST EXPECTED AMBIENT TEMP = -16°C

3.) HIGHEST CONTINUOUS AMBIENT TEMPERATURE BASED ON ASHRAE HIGHEST MONTH 2% DRY BULB TEMPERATURE FOR ASHRAE LOCATION MOST SIMILAR TO INSTALLATION LOCATION. HIGHEST CONTINUOUS TEMP = 33°C

4.) 2005 ASHRAE FUNDAMENTALS 2% DESIGN TEMPERATURES DO NOT EXCEED 47°C IN THE UNITED STATES (PALM SPRINGS, CA IS 44.1°C). FOR LESS THAN 9 CURRENT-CARRYING CONDUCTORS IN A ROOF-MOUNTED SUNLIT CONDUIT AT LEAST 0.5" ABOVE ROOF AND USING THE OUTDOOR DESIGN TEMPERATURE OF 47°C OR LESS (ALL OF UNITED STATES)

5.) PV SYSTEM CIRCUITS INSTALLED ON OR IN BUILDINGS SHALL INCLUDE A RAPID SHUTDOWN FUNCTION THAT CONTROLS SPECIFIC CONDUCTORS IN ACCORDANCE WITH NEC 690.12(1) THROUGH (5)

6.) PHOTOVOLTAIC POWER SYSTEMS SHALL BE PERMITTED TO OPERATE WITH UNGROUNDED PHOTOVOLTAIC SOURCE AND OUTPUT CIRCUIT AS PER NEC 690.35

7.) UNGROUNDED DC CIRCUIT CONDUCTORS SHALL BE IDENTIFIED WITH THE FOLLOWING OUTER FINISH: POSITIVE CONDUCTORS = RED NEGATIVE CONDUCTORS = BLACK NEC 210.5(C)(2)

8.) ARRAY AND SUB ARRAY CONDUCTORS SHALL BE #10 PV WIRE TYPE RHW-2 OR EQUIVELANT AND SHALL BE PROTECTED BY CONDUIT WHERE EXPOSED TO DIRECT SUNLIGHT. SUB ARRAY CONDUIT LONGER THAN 24" SHALL CONTAIN  $\leq$  20 CURRENT CARYING CONDUCTORS AND WHERE EXPOSED TO DIRECT SUNLIGHT SHALL CONTAIN  $\leq$  9 CURRENT CARRYING CONDUCTORS.

9.) ALL WIRE LENGTHS SHALL BE LESS THAN 100' UNLESS OTHERWISE NOTED

10.) FLEXIBLE CONDUIT SHALL NOT BE INSTALLED ON ROOFTOP AND SHALL BE LIMITED TO 12" IF USED OUTDOORS

11.)OVERCURRENT PROTECTION FOR CONDUCTORS CONNECTED TO THE SUPPLY SIDE OF A SERVICE SHALL BE LOCATED WITHIN 10' OF THE POINT OF CONNECTION NEC 705 31

12.) WHERE TWO SOURCES FEED A BUSSBAR, ONE A UTILITY AND THE OTHER AN INVERTER, PV BACKFEED BREAKER(S) SHALL BE LOCATED OPPOSITE FROM UTILITY NEC 705.12(D)(2)(3)(b)

13.) ALL SOLAR SYSTEM LOAD CENTERS TO CONTAIN ONLY GENERATION CIRCUITS AND NO UNUSED POSITIONS OR LOADS

14.) ALL EQUIPMENT INSTALLED OUTDOORS SHALL HAVE A **NEMA 3R** RATING

CALCULATIONS FOR CURRENT CARRYING CONDUCTORS
REQUIRED CONDUCTOR AMPACITY PER STRING
[NEC 690.8(B)(1)]: (15.00\*1.25)1 = 18.75A

AWG #10, DERATED AMPACITY AMBIENT TEMP: 33°C, TEMP DERATING FACTOR: .96 RACEWAY DERATING = 4 CCC: 0.80 (40\*.9610.80 = 30.72A

30.72A - 18.75A, THEREFORE WIRE SIZE IS VALID

TOTAL AC REQUIRED CONDUCTOR AMPACITY 32.00A\*1.25 = 40.00A

AWG #8, DERATED AMPACITY
AMBIENT TEMP: 30°C, TEMP DERATING: 1.0
RACEWAY DERATING 5 CCC: N/A
55A\*1.0 = 55A

55A <sup>></sup> 40.00A, THEREFORE AC WIRE SIZE IS VALID

CALCULATION FOR PV OVERCURRENT PROTECTION TOTAL INVERTER CURRENT: 32.00A

32.00A\*1.25 = 40.00A

--> 40A OVERCURRENT PROTECTION IS VALID

SOLAR MODULES MOUNTED TO ROOF ON 3 ARRAYS 34 - 295W MODULES W/ 1 SOLAR EDGE P320 PER MODULE

(TOTAL)
2 STRINGS OF 17 MODULES IN SERIES - 350 Vmax
\*2 STRINGS TO BE TERMINATED IN PARALLEL INSIDE INVERTER 1

(HOUSE)

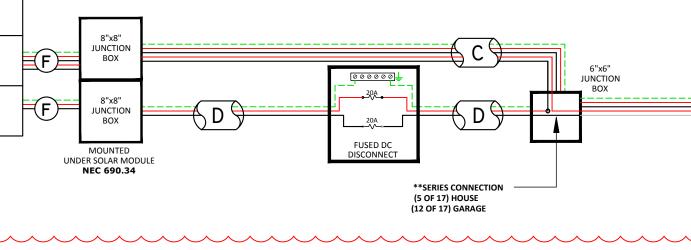
1 STRING OF 17 MODULES IN SERIES - 350 Vmax

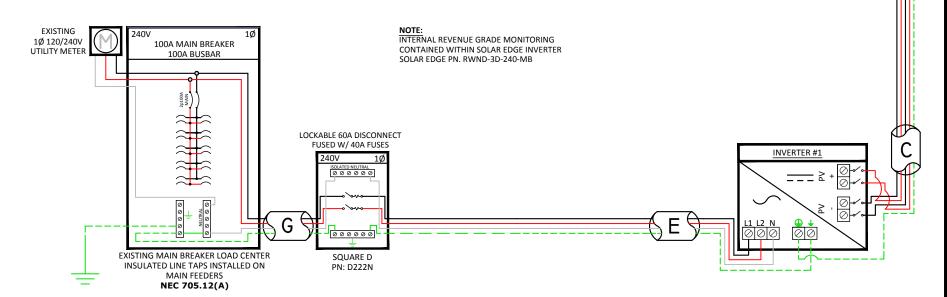
1 STRING (5 OF 17) MODULES IN SERIES - 350 Vmax

\*STRING (5 OF 17) TO BE TERMINATED IN SERIES WITH (12 OF 17) FROM GARAGE

(GARAGE)

1 STRING (12 OF 17) MODULES IN SERIES - 350 Vmax
\*STRING (12 OF 17) TO BE TERMINATED IN SERIES WITH (5 OF 17) FROM HOUSE





PV MODULE SPECIFICATIONS		
HANWHA 295 (Q.PEAK-BLK G4.1 295)		
Imp		9.17
Vmp		32.19
Voc		39.48
Isc		9.7

INVERTER #1 - SE7600H-US000NNC2			
DC		AC	
Imp	23	Pout	7600
Vmp	400	Imax	32
Voc	480	OCPDmin	40
Isc	30	Vnom	240

FC 504.4.7 - ALL CONDUITS AND PIPING INSTALLATIONS SHALL BE COLOR-CODED WITH CONTINUOUS, DURABLE, AND WEATHERPROOF REFLECTIVE OR LUMINESCENT MARKINGS AS FOLLOWS, AND FOR CONDUIT AND PIPING INSTALLED AFTER JULY 1, 2014, SHALL BE CONTINUOUSLY LABELED IN AN APPROVED MANNER TO INDICATES ITS CONTENTS:

HIGH VOLTAGE WIRING - RED
 LOW VOLTAGE WIRING - ORANGE

NATURAL GAS PIPING - YELLOW

FC 512.4.2 - INDOOR AND OUTDOOR DIRECT CURRENT CONDUIT, ENCLOSURE, RACEWAYS, CABLE ASSEMBLIES, JUNCTION BOXES, COMBINER BOXES, AND MAIN SERVICE AND OTHER DISCONNECTS SHALL HAVE DURABLE, RETOREFLECTIVE, AND, IF OUTDOORS, WEATHERPROOF, MARKINGS, IN WHITE CAPITAL LETTERS WITH A HEIGHT OF NOT LESS THAN \$\frac{3}{8} INCH (9.5 MM) ON A RED BACKGROUND, READING "WARNING: PHOTOVOLTAIC POWER SOURCE."

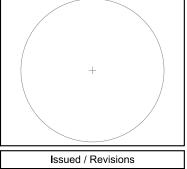
## **NOTE:** CONDUIT TYPE SHALL BE CHOSEN BY THE INSTALLATION CONTRACTOR TO MEET OR EXCEED NEC AND LOCAL AHJD REQUIREMENTS

А	#6 THWN-2 GEC TO EXISTING GROUND ROD
В	3/4" CONDUIT W/ 2-#8 THWN-2, 1-#10 THWN-2, 1-#10 THWN-2 GROUND
С	3/4" CONDUIT W/ 4-#10 THWN-2, 1-#10 THWN-2 GROUND
D	3/4" CONDUIT W/ 2-#10 THWN-2, 1-#10 THWN-2 GROUND
Е	3/4" CONDUIT W/ 2-#8 THWN-2, 1-#10 THWN-2, 1-#10 THWN-2 GROUND
F	#10 PV WIRE (FREE AIR) W/ #6 BARE COPPER BOND TO ARRAY
G	3/4" CONDUIT W/ 2-#6 THWN-2, 1-#6 THWN-2, 1-#8 THWN-2 GROUND

#### PLAN NOTES

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TRINITY ACCT #: 2017-11-208978

#### Project Address:

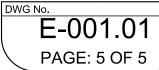
90-28 188 ST HOLLIS, NY 11423 40.711964,-73.771728

### Drawing Title:

# ELECTRICAL 3-LINE DRAWING

Drawing Information		
DRAWING DATE:	5/29/2018	
DRAWN BY:	IG	
REVISED BY:	JMS	

System Information:		
DC SYSTEM SIZE:	10.03kW	
AC SYSTEM SIZE:	7.6kW	
TOTAL MODULE COUNT:	34	
MODULES USED:	HANWHA 295	
MODULE SPEC #:	Q.PEAK-BLK G4.1 295	
UTILITY COMPANY:	CON EDISON	
UTILITY ACCT #:	266878443000086	
UTILITY METER #:	7259964	
DEAL TYPE:	SUNNOVA	





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