



Historic District Commission Meeting

Thursday, October 23, 2025 at 7:00 PM

Remote Participation Only

Agenda

Pursuant to Chapter 2 of the Acts of 2025, the meeting and public hearing will be conducted with remote opportunities for participation. Remote participation and access methods include:

ACCESS INFORMATION:

- A. This meeting will be held on October 23, 2025 at 7:00 pm. Location: Remote Participation Only
- B. The meeting will be televised through WCATV (Watertown Cable Access Television): <http://vodwcatv.org/CablecastPublicSite/watch-now?site=3>
- C. The Public may join the virtual meeting online: <https://watertown-ma.zoom.us/j/92090463343>
- D. Public may join the virtual meeting audio only by phone: (877) 853-5257 or (888) 475-4499 (Toll Free) and enter Webinar ID: 920 9046 3343
- E. Public may comment through email: sjenness@watertown-ma.gov
- F. Please Visit the Historic District Commission Website here: <https://www.watertown-ma.gov/213/Historic-District-Commission>

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- 1. Roll Call
 - 2. Call to Order
 - 3. Review and Accept Minutes
 - A. Review and Accept Minutes from the June 26, 2025, Historic District Commission meeting.
 - B. Review and Accept Minutes from the September 25, 2025, Historic District Commission meeting.
 - 4. Public Hearing
 - A. To review the Application for Certificate of Appropriateness for the Installation of Solar Panels at 18 Common St. Corbin Robichaud, Owner
 - 5. Adjournment

Historic District Commission Members

Harvey Steiner Chair	Linda Sternberg Vice Chair	Elizabeth K. Hayes Secretary
James Bensinger Member	Thomas Faust Member	Jae Hyoung Kim Member

NEW PHOTOVOLTAIC PITCHED ROOF MOUNTED SYSTEM - 10.320 KW DC/7.600 KW AC

18 COMMON STREET, WATERTOWN, MA 02472

NEW PV SYSTEM SPECIFICATIONS

SYSTEM SIZE: DC SIZE: 10.320 KW DC-(STC)
AC SIZE: 7.600 KW AC
MODULE: (24) JINKO JKM430N-54HL4-B
RSD'S: (8) TESLA MCI-2 HIGH CURRENT
INVERTER: (1) TESLA 1538000-45-X

APPLICABLE CODES

ALL WORK SHALL CONFORM TO THE FOLLOWING CODES:
2021 INTERNATIONAL BUILDING CODE WITH 780 CMR 10TH EDITION
2021 INTERNATIONAL RESIDENTIAL CODE WITH 780 CMR 10TH EDITION
2021 INTERNATIONAL FIRE CODE WITH 780 CMR 10TH EDITION
2023 NATIONAL ELECTRICAL CODE WITH 527 CMR 12.00
AS ADOPTED BY CITY OF WATERTOWN

DESIGN CRITERIA

ROOF SURFACE TYPE: SYNTHETIC TILES
ROOF FRAMING: 2"X6" WOOD TRUSS @ 16" OC
BUILDING STORY: TWO STORY
GROUND SNOW LOAD: 40 PSF
WIND SPEED: 119 MPH
WIND EXPOSURE: C
RISK CATEGORY: II

SCOPE OF WORK

1.2.1 CONTRACTOR IS RESPONSIBLE FOR THE DESIGN AND SPECIFICATIONS OF THE GRID-TIED PHOTOVOLTAIC SYSTEM. THE CONTRACTOR WILL BE RESPONSIBLE FOR COLLECTION OF EXISTING ONSITE CONDITIONS TO DESIGN, SPECIFY, AND INSTALL THE PITCHED ROOF-MOUNTED PHOTOVOLTAIC SYSTEM DETAILED IN THIS DOCUMENT

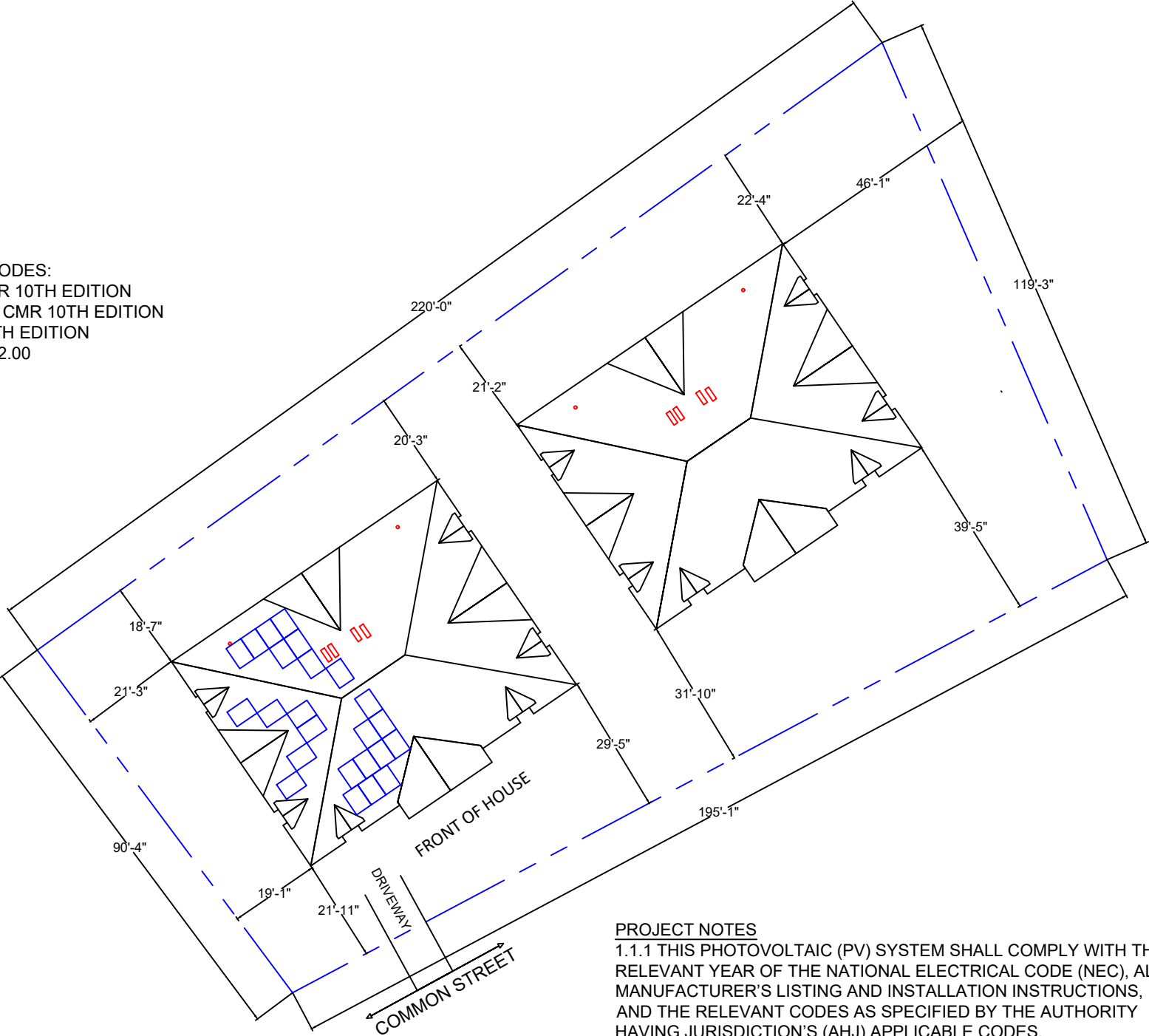
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PV-01

PROPERTY PLAN

SCALE:1" = 30'-0"



PROJECT NOTES

- 1.1.1 THIS PHOTOVOLTAIC (PV) SYSTEM SHALL COMPLY WITH THE RELEVANT YEAR OF THE NATIONAL ELECTRICAL CODE (NEC), ALL MANUFACTURER'S LISTING AND INSTALLATION INSTRUCTIONS, AND THE RELEVANT CODES AS SPECIFIED BY THE AUTHORITY HAVING JURISDICTION'S (AHJ) APPLICABLE CODES.
- 1.1.2 THE UTILITY INTERCONNECTION APPLICATION MUST BE APPROVED AND THE PV SYSTEM MUST BE INSPECTED PRIOR TO OPERATION
- 1.1.3 ALL PV SYSTEM COMPONENTS; MODULES, UTILITY-INTERACTIVE INVERTERS, AND SOURCE CIRCUIT COMBINER BOXES ARE IDENTIFIED AND LISTED FOR USE IN PHOTOVOLTAIC SYSTEMS AS REQUIRED BY NEC AND OTHER GOVERNING CODES
- 1.1.4 ALL SIGNAGE TO BE PLACED IN ACCORDANCE WITH LOCAL BUILDING CODE. IF EXPOSED TO SUNLIGHT, IT SHALL BE UV RESISTANT. ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS REQUIRED BY THE NEC AND AHJ.

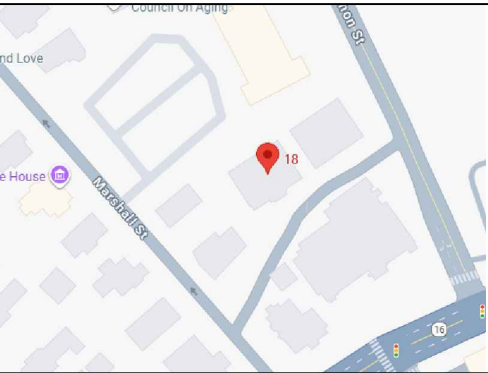
SHEET INDEX

PV-01	COVER PAGE
PV-02	SITE PLAN
PV-03	ATTACHMENT PLAN & DETAILS
PV-04	ELECTRICAL DIAGRAM
PV-05	NOTES
PV-06	WARNING LABELS
PV-07	INSTALLATION RESOURCE
EQUIPMENT DATASHEETS ATTACHED	

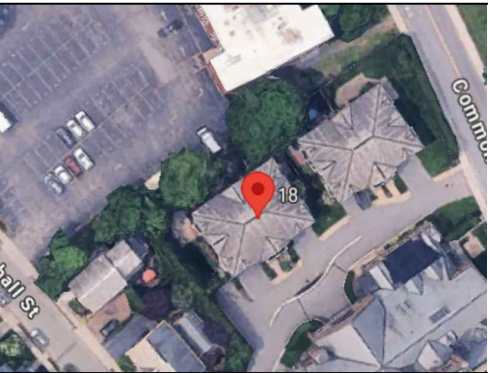
LEGEND

- - PROPERTY LINE
- - FENCE LINE

VICINITY MAP



SATELLITE MAP



CONTRACTOR



CLEAN EARTH ENERGY

42 SUTTON ST
WEYMOUTH, MASSACHUSETTS
02188

LIC. NO. - 063679



Wyssling Consulting, PLLC

76 N Meadowbrook Drive, Alpine UT 84004
Massachusetts COA #001629764
Signed 9/22/2025

PROJECT NAME & ADDRESS

MARK SUMMERS
18 COMMON STREET,
WATERTOWN, MA 02472

APN #: WATEM1011B0008L0000A
AHJ: CITY OF WATERTOWN
UTILITY: EVERSOURCE

SYSTEM DETAILS

10.320 KW DC-(STC) / 7.600 KW AC
(24) JINKO JKM430N-54HL4-B
(8) TESLA MCI-2 HIGH CURRENT
(1) TESLA 1538000-45-X

REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE

COVER PAGE

DRAWN DATE	9/20/2025
DRAWN BY	VHN

SHEET NUMBER

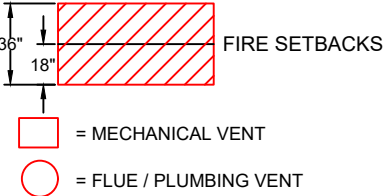
PV-01

- NOTES:**
1. ROOF ACCESS POINT SHALL NOT BE LOCATED IN AREAS THAT REQUIRE THE PLACEMENT OF GROUND LADDERS OVER OPENINGS SUCH AS WINDOWS OR DOORS, AND LOCATED AT STRONG POINTS OF BUILDING CONSTRUCTION IN LOCATIONS WHERE THE ACCESS POINT DOES NOT CONFLICT WITH OVERHEAD OBSTRUCTIONS SUCH AS TREE LIMBS, WIRES OR SIGNS.
 2. STRUCTURES, PATIO COVERS, AND/OR ADDITIONS BUILT WITHOUT PERMITS TO BE RESOLVED BY A SEPARATE PERMIT.

(1-X)	SOLAR STRING 1 - 10 MODULES
(2-X)	SOLAR STRING 2 - 6 MODULES
(3-X)	SOLAR STRING 3 - 8 MODULES

PLAN VIEW TOTAL ROOF AREA: 4064.47 FT²
TOTAL PV ARRAY AREA: 504.47 FT²
TOTAL % OF ROOF COVERED BY PV: 12.41%

LEGEND



- 1 RAPID SHUTDOWN DEVICE (1 FOR EVERY 3 MODULES)
- 2 PV MODULES
- 3 JUNCTION BOX; SIZE DETERMINED IN FIELD
- 4 CONDUIT RUN; SURFACE MOUNTED (ACTUAL CONDUIT RUNS TO BE DETERMINED IN FIELD)
- 5 UTILITY METER (UNDERGROUND) METER #: 43 381 114
- 6 MAIN SERVICE PANEL
- 7 AC DISCONNECT
- 8 TESLA 1538000-45-X

ROOF 1	SLOPE	- 25°
	AZIMUTH	- 146°
	MODULE QTY	- 10
	WOOD TRUSS - 2"X6 @ 16" O.C.	SYNTHETIC TILES
ROOF 2	SLOPE	- 25°
	AZIMUTH	- 236°
	MODULE QTY	- 6
	WOOD TRUSS - 2"X6 @ 16" O.C.	SYNTHETIC TILES
ROOF 3	SLOPE	- 25°
	AZIMUTH	- 326°
	MODULE QTY	- 8
	WOOD TRUSS - 2"X6 @ 16" O.C.	SYNTHETIC TILES

CONTRACTOR

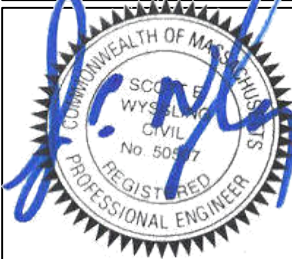


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SHEET TITLE

SITE PLAN

DRAWN DATE 9/20/2025

DRAWN BY VHN

SHEET NUMBER

PV-02

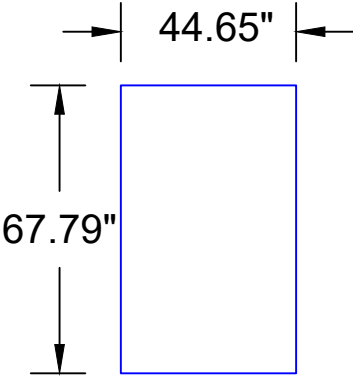


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PV-02

SITE PLAN

SCALE:1" = 10'-0"

FRONT OF HOUSE



DISTRIBUTED LOAD CALCULATIONS	
MODULE	JINKO JKM430N-54HL4-B
MODULE WEIGHT	48.5 LBS
MODULE DIMENSIONS (L" x W")	67.79" x 44.65"
TOTAL QTY. OF MODULES	24
TOTAL WEIGHT OF MODULES	1164.0 LBS
TYPE OF RACKING	IRONRIDGE XR-10-168B
TYPE OF ATTACHMENT	IRONRIDGE QBASE
DISTRIBUTED WEIGHT OF RACKING	0.5 PSF
TOTAL WEIGHT OF ARRAY	1416.2 LBS
AREA OF MODULE	21.0 SQFT.
TOTAL ARRAY AREA	504.5 SQFT.
DISTRIBUTED LOAD	2.8 PSF

- NOTE:**
- CONTRACTOR/INSTALLER TO VERIFY COMPATIBILITY OF ANY BRANDS OR PRODUCTS SUBSTITUTED OR USED AS ALTERNATES WITHIN ANY BRAND-SPECIFIC SYSTEMS. CONTRACTOR SHALL SUPPLY AND PRESENT CERTIFICATES OF COMPATIBILITY TO THE BUILDING OFFICIAL UPON INSPECTION AS NEEDED.
 - REFER TO PV MODULE MANUFACTURER'S INSTALLATION INSTRUCTIONS FOR RAIL SPACING SPECIFICATIONS

LEGEND	
	- ATTACHMENT POINTS
	- RAIL
	- STRUCTURAL MEMBER

CONTRACTOR



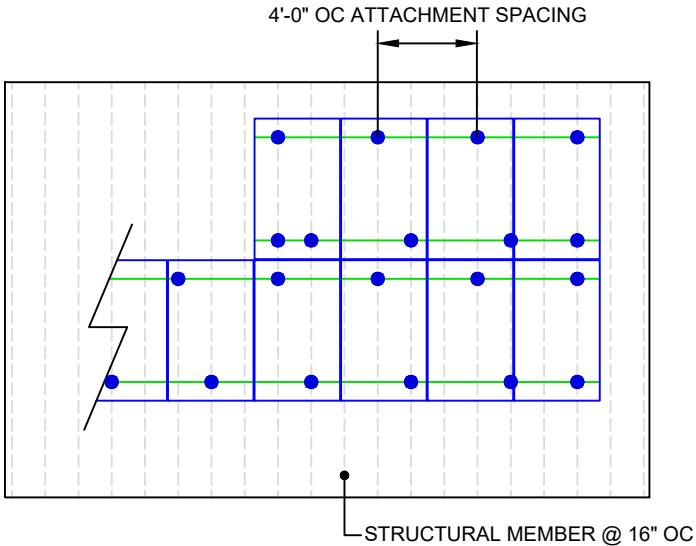
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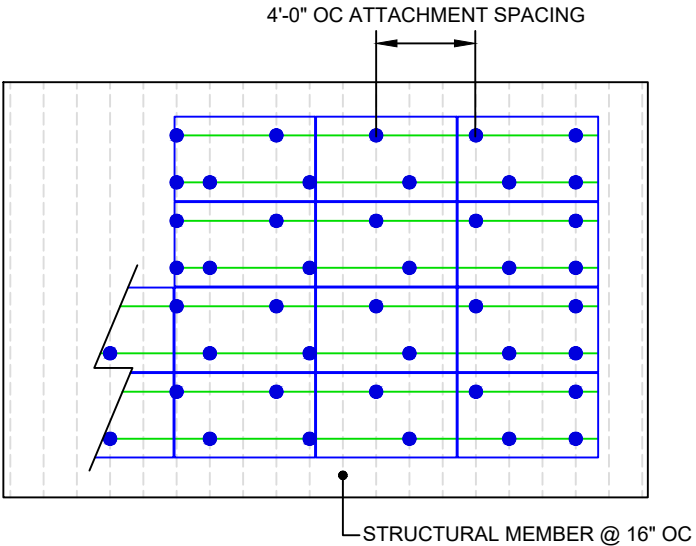
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1.0
PV-03
TYPICAL ATTACHMENT PLAN (PORTRAIT)
SCALE: NTS



1.1
PV-03
TYPICAL ATTACHMENT PLAN (LANDSCAPE)
SCALE: NTS

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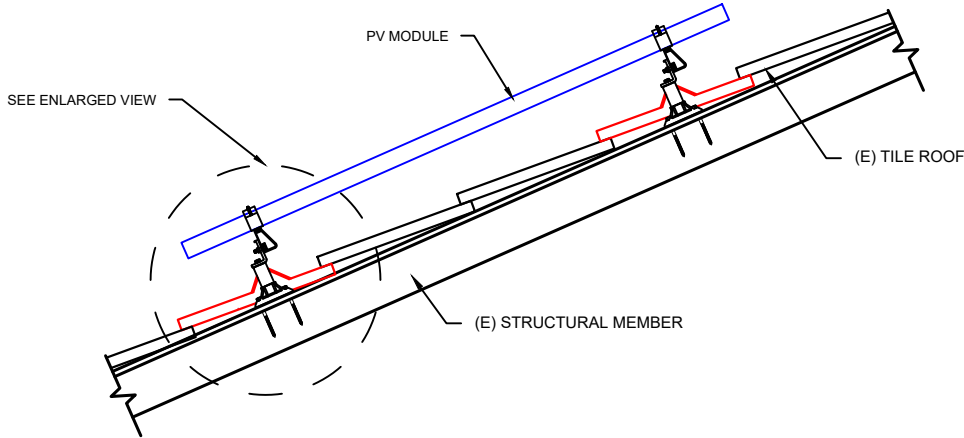
SHEET TITLE
ATTACHMENT PLAN & DETAILS

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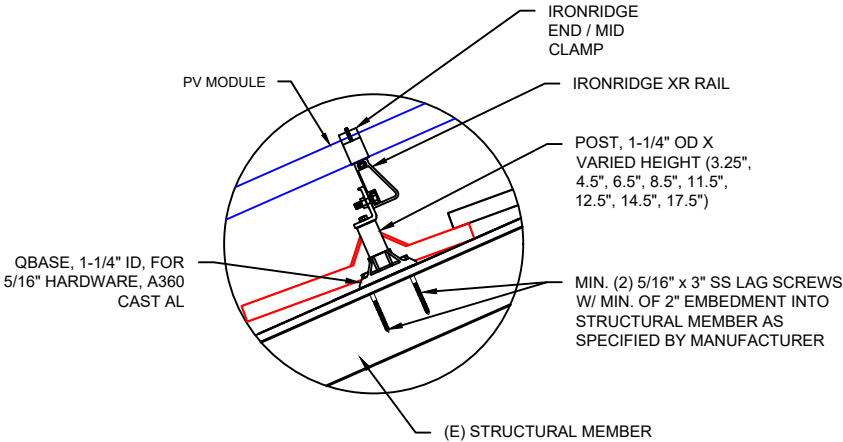
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PV-03

NOTE: 6" MAXIMUM DISTANCE FROM ROOF SURFACE TO TOP OF PV MODULES



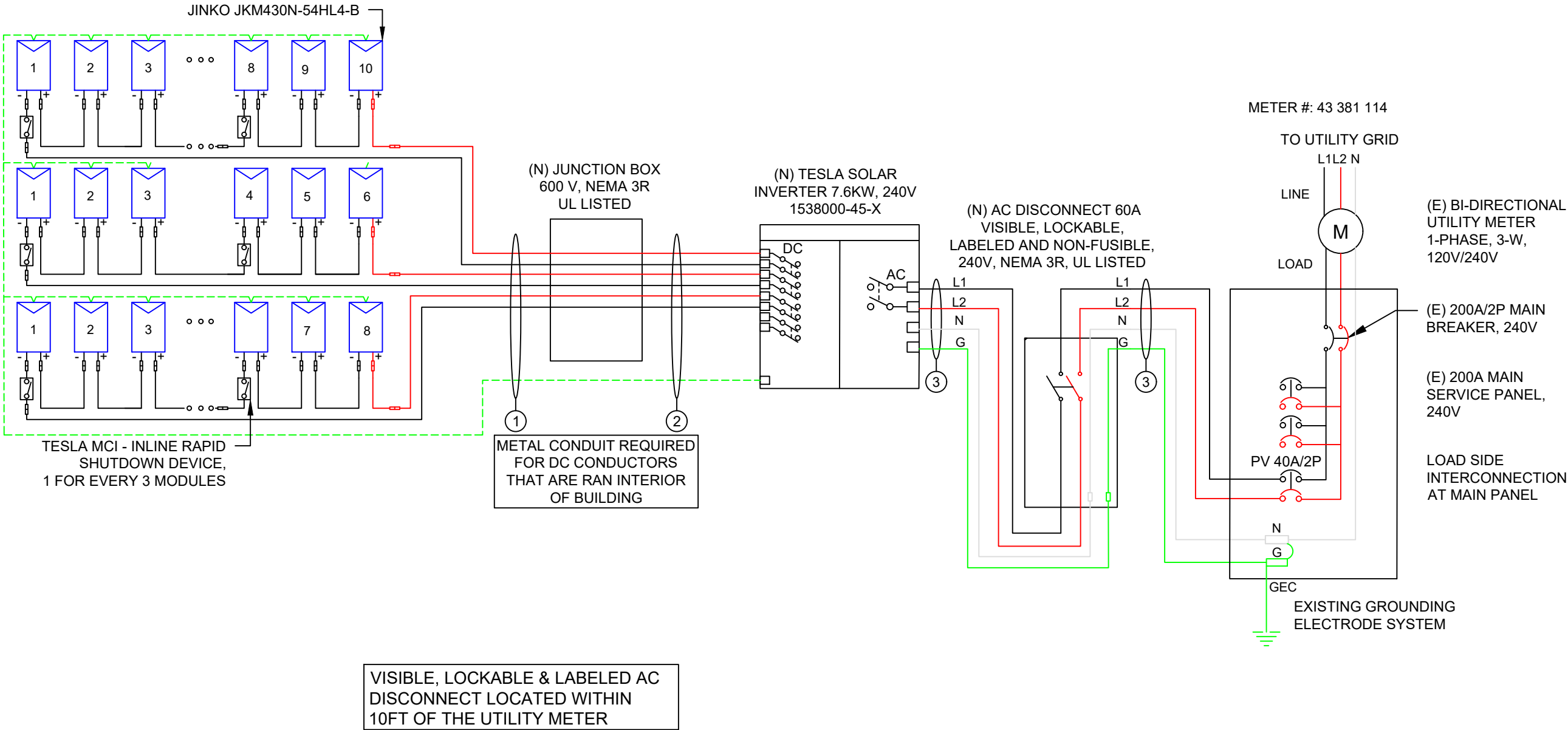
2
PV-03
ATTACHMENT DETAIL
Scale: NTS



3
PV-03
ENLARGED VIEW
Scale: NTS

INVERTER SPECIFICATIONS		SOLAR MODULE SPECIFICATIONS	
MANUFACTURER / MODEL #	TESLA 1538000-45-X	MANUFACTURER / MODEL #	JINKO JKM430N-54HL4-B
POWER RATING	7600W	VMP	32.58 V
MAX CONT. OUTPUT CURRENT	32A	IMP	13.20 A
MAX CURRENT PER MPPT (IMP)	13A ²	VOC	39.16 V
MAX DC VOLTAGE	600V	ISC	13.65 A
MAX SHORT CIRCUIT CURRENT PER MPPT (ISC)	17A ²	TEMP. COEFF. VOC	-0.25 %/°C

AMBIENT TEMPERATURE SPECIFICATIONS	
RECORD LOW TEMP	-17 °C
AMBIENT TEMP (HIGH TEMP 2% AVG.)	32 °C
MINIMUM CONDUIT HEIGHT ABOVE ROOF SURFACE	7/8"



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SHEET TITLE
ELECTRICAL
DIAGRAM

DRAWN DATE 9/20/2025

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SHEET NUMBER

PV-04

DESCRIPTION						FORMULA				RESULT		
PV OVERCURRENT PROTECTION NEC 690.9(B)						TOTAL INVERTER OUTPUT CURRENT x 1.25 = 32.0A x 1.25				40.0A (SELECTED PV BREAKER = 40A)		
120% RULE FOR BACKFEED BREAKER NEC 705.12						BUS BAR RATING x 1.2 - MCB RATING = MAX ALLOWABLE PV BREAKER 200A x 1.2 - 200A = 40A				SELECTED PV BREAKER <= MAX ALLOWABLE PV BREAKER 40A <= 40A		
DC WIRE CALCULATION												
WIRE ID	EXPECTED WIRE TEMP (°C)	TEMP DERATE (90 °C)	QTY OF CURRENT CARRYING CONDUCTORS	CONDUIT FILL DERATE	MINIMUM CONDUIT SIZE (TBD ON SITE)	WIRE GAUGE & TYPE	CONDUCTOR AMPACITY @ 90°C (A)	CONDUCTOR AMPACITY @ 75°C (A)	REQUIRED CIRCUIT CONDUCTOR AMPACITY (A)	ADJUSTED CONDUCTOR AMPACITY @ 90 °C (A)	NEUTRAL CONDUCTOR SIZE & TYPE	GROUND WIRE SIZE & TYPE
1	32	0.96	6	IN AIR	N/A	#10 AWG PV WIRE	40	35	21.328125	38.4	NONE	#6 AWG BARE Cu
2	32	0.96	6	0.8	3/4" METAL	#10 THWN-2	40	35	21.328125	30.72	NONE	#8 THWN-2
AC WIRE CALCULATION												
3	32	0.96	2	1	3/4"	#8 THWN-2	55	50	40	52.8	#8 THWN-2	#8 THWN-2

GENERAL NOTES

SITE NOTES

- 2.1.1 A LADDER WILL BE IN PLACE FOR INSPECTION IN ACCORDANCE WITH OSHA REGULATIONS.
- 2.1.2 THE PV MODULES ARE CONSIDERED NON-COMBUSTIBLE AND THIS SYSTEM IS A UTILITY INTERACTIVE SYSTEM WITH NO STORAGE BATTERIES.
- 2.1.3 THE SOLAR PV INSTALLATION WILL NOT OBSTRUCT ANY PLUMBING, MECHANICAL, OR BUILDING ROOF VENTS.
- 2.1.4 PROPER ACCESS AND WORKING CLEARANCE AROUND EXISTING AND PROPOSED ELECTRICAL EQUIPMENT WILL BE PROVIDED IN ACCORDANCE WITH SECTION NEC 110
- 2.1.5 ROOF COVERINGS SHALL BE DESIGNED, INSTALLED, AND MAINTAINED IN ACCORDANCE WITH THIS CODE AND THE APPROVED MANUFACTURER'S INSTRUCTIONS SUCH THAT THE ROOF COVERING SERVES TO PROTECT THE BUILDING OR STRUCTURE.

EQUIPMENT LOCATIONS

- 2.2.1 ALL EQUIPMENT SHALL MEET MINIMUM WORKING CLEARANCES IN ACCORDANCE WITH NEC 110.26.
- 2.2.2 WIRING SYSTEMS INSTALLED IN DIRECT SUNLIGHT MUST BE RATED FOR EXPECTED OPERATING TEMPERATURE AS SPECIFIED BY 2023 NATIONAL ELECTRICAL CODE WITH 527 CMR 12.00.
- 2.2.3 JUNCTION AND PULL BOXES PERMITTED INSTALLED UNDER PV MODULES IN ACCORDANCE WITH NEC 690
- 2.2.4 ALL EQUIPMENT SHALL BE INSTALLED ACCESSIBLE TO QUALIFIED PERSONNEL IN ACCORDANCE WITH NEC APPLICABLE CODES.
- 2.2.5 ALL COMPONENTS ARE LISTED FOR THEIR PURPOSE AND RATED FOR OUTDOOR USAGE WHEN APPROPRIATE.

STRUCTURAL NOTES

- 2.3.1 RACKING SYSTEM & PV ARRAY WILL BE INSTALLED IN ACCORDANCE WITH THE CODE-COMPLIANT INSTALLATION MANUAL. TOP CLAMPS REQUIRE A DESIGNATED SPACE BETWEEN MODULES, AND RAILS MUST ALSO EXTEND A MINIMUM DISTANCE BEYOND EITHER EDGE OF THE ARRAY/SUBARRAY, IN ACCORDANCE WITH RAIL MANUFACTURER'S INSTALLATION PRACTICES.
- 2.3.2 JUNCTION BOX WILL BE INSTALLED PER MANUFACTURER'S SPECIFICATIONS. IF ROOF-PENETRATING TYPE, IT SHALL BE FLASHED & SEALED PER LOCAL REQUIREMENTS.
- 2.3.3 ROOFTOP PENETRATIONS FOR PV RACEWAY WILL BE COMPLETED AND SEALED W/ APPROVED CHEMICAL SEALANT PER CODE BY A LICENSED CONTRACTOR.
- 2.3.4 ALL PV RELATED ROOF ATTACHMENTS TO BE SPACED NO GREATER THAN THE SPAN DISTANCE SPECIFIED BY THE RACKING MANUFACTURER OR PROFESSIONAL ENGINEERING GUIDANCE.
- 2.3.5 WHEN POSSIBLE, ALL PV RELATED RACKING ATTACHMENTS WILL BE STAGGERED AMONGST THE ROOF FRAMING MEMBERS.

WIRING & CONDUIT NOTES

- 2.4.1 ALL CONDUIT AND WIRE WILL BE LISTED AND APPROVED FOR THEIR PURPOSE. CONDUIT AND WIRE SPECIFICATIONS ARE BASED ON MINIMUM CODE REQUIREMENTS AND ARE NOT MEANT TO LIMIT UP-SIZING.
- 2.4.2 CONDUCTORS SIZED IN ACCORDANCE WITH THE NEC
- 2.4.3 AC CONDUCTORS TO BE COLORED OR MARKED PER NEC
- 2.4.4 LISTED OR LABELED EQUIPMENT SHALL BE INSTALLED AND USED IN ACCORDANCE WITH ANY INSTRUCTIONS INCLUDED IN THE LISTING OR LABELING PER NEC

GROUNDING NOTES

- 2.5.1 GROUNDING SYSTEM COMPONENTS SHALL BE LISTED FOR THEIR PURPOSE, AND GROUNDING DEVICES EXPOSED TO THE ELEMENTS SHALL BE RATED FOR SUCH USE.
- 2.5.2 PV EQUIPMENT SHALL BE GROUNDED IN ACCORDANCE WITH NEC 690 AND NEC TABLE 250.122.
- 2.5.3 METAL PARTS OF MODULE FRAMES, MODULE RACKING, AND ENCLOSURES CONSIDERED GROUNDED IN ACCORDANCE WITH NEC 250.
- 2.5.4 EQUIPMENT GROUNDING CONDUCTORS SHALL BE SIZED IN ACCORDANCE WITH NEC 690 AND INVERTER MANUFACTURER'S INSTALLATION PRACTICES
- 2.5.5 EACH MODULE WILL BE GROUNDED AS SHOWN IN MANUFACTURER DOCUMENTATION AND APPROVED BY THE AHJ.
- 2.5.6 THE GROUNDING CONNECTION TO A MODULE SHALL BE ARRANGED SUCH THAT THE REMOVAL OF A MODULE DOES NOT INTERRUPT A GROUNDING CONDUCTOR TO ANOTHER MODULE.
- 2.5.7 GROUNDING AND BONDING CONDUCTORS, IF INSULATED, SHALL BE COLORED GREEN OR MARKED GREEN IF #4 AWG OR LARGER PER NEC 250
- 2.5.8 THE GROUNDING ELECTRODE SYSTEM COMPLIES WITH NEC 690 AND NEC 250. IF EXISTING SYSTEM IS INACCESSIBLE, OR INADEQUATE, A GROUNDING ELECTRODE SYSTEM PROVIDED IN ACCORDANCE WITH NEC 250, NEC 690 AND THE AHJ.
- 2.5.9 GROUND-FAULT DETECTION SHALL COMPLY WITH NEC 690 TO REDUCE FIRE HAZARDS

DISCONNECTION AND OVERCURRENT PROTECTION NOTES

- 2.6.1 DISCONNECTING SWITCHES SHALL BE WIRED SUCH THAT WHEN THE SWITCH IS OPENED THE CONDUCTORS REMAINING ENERGIZED ARE CONNECTED TO THE TERMINALS MARKED “LINE SIDE” (TYPICALLY THE UPPER TERMINALS).
- 2.6.2 DISCONNECTS TO BE ACCESSIBLE TO QUALIFIED UTILITY PERSONNEL, BE LOCKABLE, AND BE A VISIBLE-BREAK SWITCH
- 2.6.3 PV SYSTEM CIRCUITS INSTALLED ON OR IN HABITABLE BUILDINGS SHALL INCLUDE A RAPID SHUTDOWN FUNCTION TO REDUCE SHOCK HAZARD FOR EMERGENCY RESPONDERS IN ACCORDANCE WITH 690
- 2.6.4 ALL OCPD RATINGS AND TYPES SPECIFIED ACCORDING TO NEC 690 AND 240.
- 2.6.5 INVERTER ON-GRID BRANCHES SHALL BE CONNECTED TO A SINGLE BREAKER OR GROUPED FUSE DISCONNECT(S) IN ACCORDANCE WITH NEC 110.
- 2.6.6 IF REQUIRED BY THE AHJ, SYSTEM WILL INCLUDE ARC-FAULT CIRCUIT PROTECTION IN ACCORDANCE WITH NEC 690.11 AND UL1699B.

INTERCONNECTION NOTES

- 2.7.1 LOAD SIDE INTERCONNECTION SHALL BE IN ACCORDANCE WITH NEC 705.
- 2.7.2 THE SUM OF THE UTILITY OCPD AND INVERTER CONTINUOUS OUTPUT MAY NOT EXCEED 120 PERCENT OF BUSBAR RATING PER NEC 705.
- 2.7.3 THE SUM OF 125 PERCENT OF THE POWER SOURCE(S) OUTPUT CIRCUIT CURRENT AND THE RATING OF THE OVERCURRENT DEVICE PROTECTING THE BUSBAR SHALL NOT EXCEED 120 PERCENT OF THE AMPACITY OF THE BUSBAR, PV DEDICATED BACKFEED BREAKERS MUST BE LOCATED OPPOSITE END OF THE BUS FROM THE UTILITY SOURCE OCPD IN ACCORDANCE WITH NEC 705.
- 2.7.4 AT MULTIPLE ELECTRIC POWER SOURCES OUTPUT COMBINER PANEL, TOTAL RATING OF ALL OVERCURRENT PROTECTION DEVICES SHALL NOT EXCEED AMPACITY OF BUSBAR. HOWEVER, THE MAIN OVERCURRENT PROTECTION DEVICE MAY BE EXCLUDED IN ACCORDANCE WITH NEC 705.
- 2.7.5 FEEDER TAP INTERCONNECTION (LOAD SIDE) IN ACCORDANCE WITH NEC 705.
- 2.7.6 SUPPLY SIDE TAP INTERCONNECTION IN ACCORDANCE WITH TO NEC 705 WITH SERVICE ENTRANCE CONDUCTORS IN ACCORDANCE WITH NEC 230.
- 2.7.7 BACKFEEDING BREAKER FOR ELECTRIC POWER SOURCES OUTPUT IS EXEMPT FROM ADDITIONAL FASTENING PER NEC 705.

CONTRACTOR  CLEAN EARTH ENERGY 42 SUTTON ST WEYMOUTH, MASSACHUSETTS 02188 LIC. NO. - 063679																				
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REVISIONS <table><thead><tr><th>REV</th><th>DESCRIPTION</th><th>DATE</th></tr></thead><tbody><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr><tr><td></td><td></td><td></td></tr></tbody></table>			REV	DESCRIPTION	DATE															
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SHEET NUMBER PV-05																				

⚠️

WARNING

ELECTRICAL SHOCK HAZARD

TERMINALS ON THE LINE AND
LOAD SIDES MAY BE ENERGIZED
IN THE OPEN POSITION

LABEL LOCATION: COMBINER PANEL, AC DISCONNECT,
POINT OF INTERCONNECTION
PER CODE: NEC 705.20(7), NEC 690.13(B)

⚠️

WARNING

TURN OFF PHOTOVOLTAIC AC
DISCONNECT PRIOR TO
WORKING INSIDE PANEL

LABEL LOCATION: COMBINER PANEL(S), MAIN SERVICE DISCONNECT
PER CODE: NEC 110.27(C), OSHA 1910.145(f)(7)

⚠️

WARNING

DUAL POWER SOURCE
SECOND SOURCE IS PHOTOVOLTAIC SYSTEM

LABEL LOCATION: MAIN SERVICE DISCONNECT, PRODUCTION/NET METER
PER CODE: NEC 690.59, 705.30(C)

⚠️

WARNING

THIS EQUIPMENT FED BY MULTIPLE
SOURCES:
TOTAL RATING OF ALL OVERCURRENT
DEVICES EXCLUDING MAIN POWER
SUPPLY SHALL NOT EXCEED
AMPACITY OF BUSBAR

LABEL LOCATION: POINT OF INTERCONNECTION, COMBINER PANEL
PER CODE: NEC 705.12(B)(3)

PV SYSTEM

DISCONNECT

LABEL LOCATION: AC DISCONNECT
PER CODE: NEC 690.13(B)

⚠️

WARNING

POWER SOURCE OUTPUT
CONNECTION. DO NOT RELOCATE
THIS OVERCURRENT DEVICE.

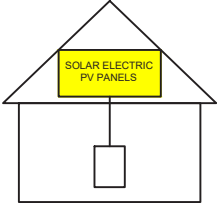
LABEL LOCATION: POINT OF INTERCONNECTION
PER CODE: NEC 705.12(B)(2)

MAIN PHOTOVOLTAIC
SYSTEM DISCONNECT

LABEL LOCATION: MAIN SERVICE DISCONNECT, UTILITY METER
PER CODE: NEC 690.13(B)

SOLAR PV SYSTEM EQUIPPED
WITH RAPID SHUTDOWN

TURN RAPID SHUTDOWN
SWITCH TO THE
"OFF" POSITION TO
SHUT DOWN PV SYSTEM
AND REDUCE
SHOCK HAZARD
IN THE ARRAY



LABEL LOCATION: MAIN SERVICE DISCONNECT
PER CODE: NEC 690.12(D)

RAPID SHUTDOWN SWITCH
FOR SOLAR PV SYSTEM

LABEL LOCATION: RSD INITIATION DEVICE, AC DISCONNECT
PER CODE: NEC 690.12(D)(2)

⚠️

CAUTION

PHOTOVOLTAIC SYSTEM CIRCUIT IS BACKFED

LABEL LOCATION: MAIN SERVICE DISCONNECT
PER CODE: NEC 705.30(D), NEC 690.59

DO NOT DISCONNECT
UNDER LOAD

LABEL LOCATION: MAIN SERVICE DISCONNECT
PER CODE: NEC 690.15(B) & NEC 690.33(D)(2)

SOLAR PV DC CIRCUIT

LABEL LOCATION: DC CONDUIT, DC JUNCTION BOX
PER CODE: NEC 690.31(D)(2)

PHOTOVOLTAIC POWER SOURCE

LABEL LOCATION: DC CONDUIT, DC JUNCTION BOX
PER CODE: NEC 690.31(D)(2)

EMERGENCY CONTACT
CLEAN EARTH ENERGY

FOR IMMEDIATE ASSISTANCE CALL 911

LABEL LOCATION: POINT OF INTERCONNECTION
PER CODE: NEC 705.10

⚠️

WARNING

THE DISCONNECTION OF THE
GROUNDED CONDUCTOR(S)
MAY RESULT IN OVERVOLTAGE
ON THE EQUIPMENT

LABEL LOCATION: CENTRAL INVERTER
PER CODE: NEC 690.31(E)

CAUTION

MULTIPLE SOURCES OF POWER.
POWER TO THIS BUILDING IS ALSO SUPPLIED
FROM THE FOLLOWING SOURCES WITH
DISCONNECTS LOCATED AS SHOWN:

ADDRESS: 18 COMMON STREET, WATERTOWN, MA 02472

MAIN SERVICE PANEL

UTILITY METER

TESLA 1538000-45-X

AC DISCONNECT

CONTRACTOR



CLEAN EARTH ENERGY

42 SUTTON ST
WEYMOUTH, MASSACHUSETTS
02188

LIC. NO. - 063679

PROJECT NAME & ADDRESS
MARK SUMMERS
18 COMMON STREET,
WATERTOWN, MA 02472

APN #: WATEM1011B0008L0000A
AHJ: CITY OF WATERTOWN
UTILITY: EVERSOURCE

SYSTEM DETAILS
10.320 KW DC-(STC) / 7.600 KW AC
(24) JINKO JKM430N-54HL4-B
(8) TESLA MCI-2 HIGH CURRENT
(1) TESLA 1538000-45-X

REVISIONS

REV	DESCRIPTION	DATE

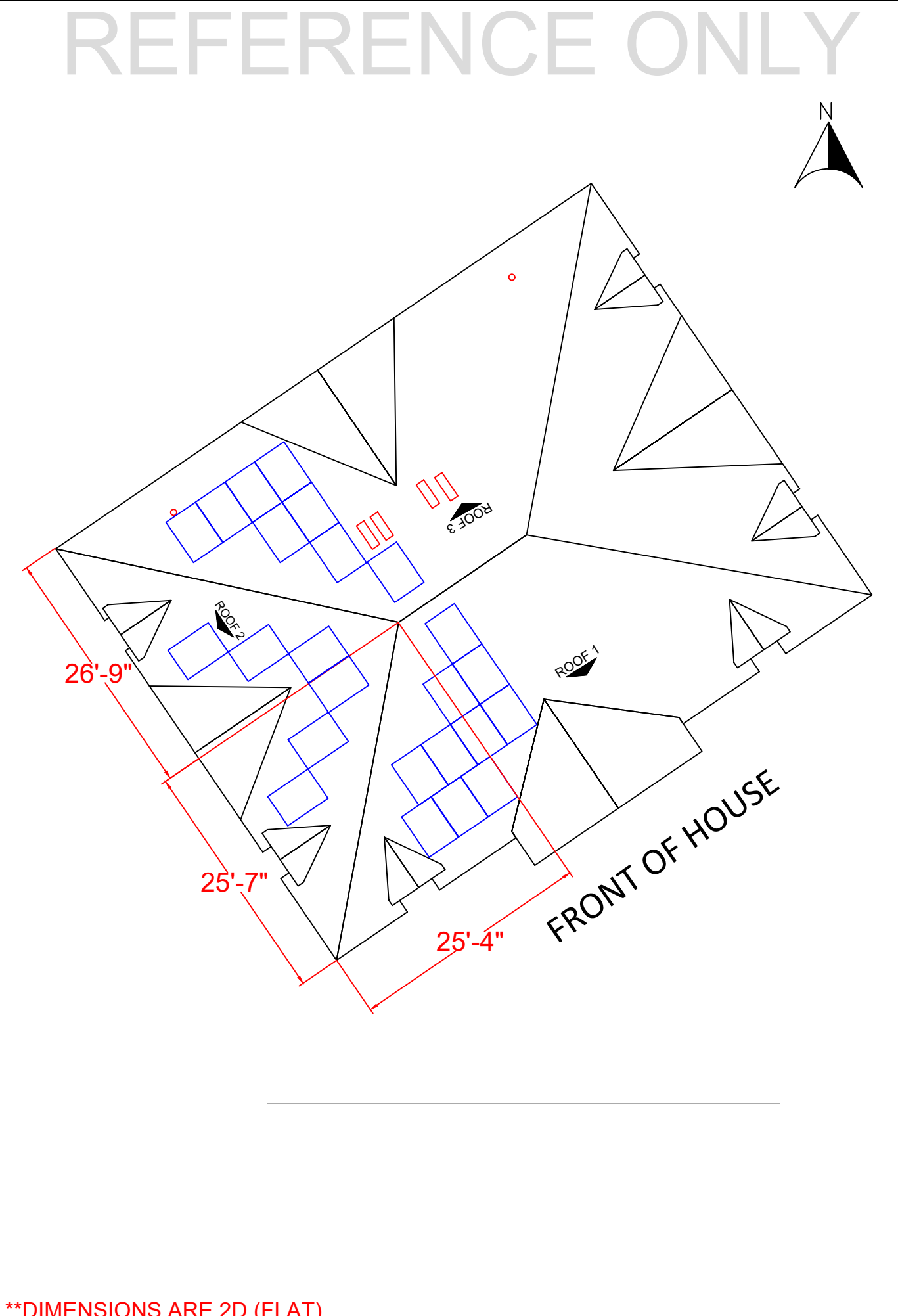
SHEET TITLE
WARNING LABELS

DRAWN DATE	9/20/2025
DRAWN BY	VHN

SHEET NUMBER

PV-06

	A	B	C	D	E	F
1						
2						
3						
4						
5						
6						
7						
8						
9						
10						



CONTRACTOR

CLEAN EARTH ENERGY

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WEYMOUTH, MASSACHUSETTS 02188
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REVISIONS		
REV	DESCRIPTION	DATE

SHEET TITLE
INSTALLATION
RESOURCE

DRAWN DATE	9/20/2025
DRAWN BY	VHN

SHEET NUMBER
PV-07

Page 8 of 19



THE MOST DEPENDABLE SOLAR PRODUCT

EAGLE 54HM G6

420-440 WATT • N-TYPE TOPCON

Positive power tolerance of 0~+3%

- NYSE-listed since 2010, Bloomberg Tier 1 manufacturer
- Top performance in the strictest 3rd party labs
- Automated manufacturing utilizing artificial intelligence
- Vertically integrated, tight controls on quality
- Premium solar factories in USA, Vietnam, and Malaysia

KEY FEATURES

- Superior Aesthetics**
Black backsheet and black frame create ideal look for residential applications.
- N-Type Technology**
N-type cells with Jinko's in-house TOPCon technology offers better performance and improved reliability.
- Thick and Tough**
Fire Type 1 rated module engineered with a thick frame, 3.2mm front side glass, and thick backsheet for added durability.
- Shade Tolerant**
Twin array design allows continued performance even with shading by trees or debris.
- Protected Against All Environments**
Certified to withstand humidity, heat, rain, marine environments, wind, hailstorms, and packed snow.
- Warranty**
25-year product and 30-year linear power warranty.



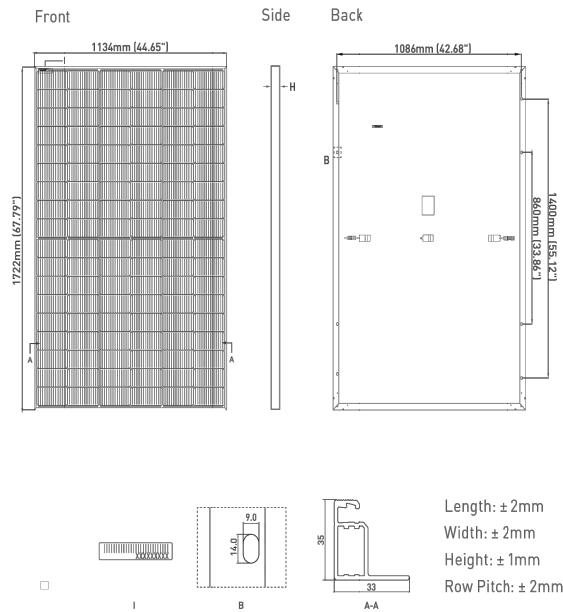
- ISO9001:2015 Quality Standards
- ISO14001:2015 Environmental Standards
- IEC61215, IEC61730 certified products
- ISO45001:2018 Occupational Health & Safety Standards
- UL61730 certified products



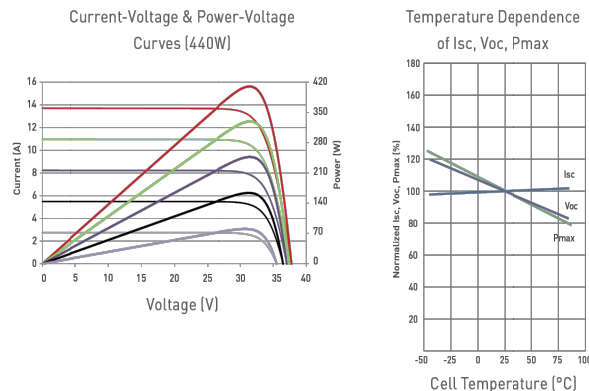
BUILDING YOUR TRUST IN SOLAR. WWW.JINKOSOLAR.US



ENGINEERING DRAWINGS



ELECTRICAL PERFORMANCE & TEMPERATURE DEPENDENCE



MECHANICAL CHARACTERISTICS

No. of Half Cells	108 (2 x 54)
Dimensions	1722 × 1134 × 35mm (67.79 × 44.65 × 1.38 inch)
Weight	22.0kg (48.5lbs)
Front Glass	3.2mm, Anti-Reflection Coating High Transmission, Low Iron, Tempered Glass
Frame	Anodized Aluminum Alloy
Junction Box	IP68 Rated
Output Cables	12 AWG, 1400mm (55.12in) or Customized Length
Connector	Staubli MC4
Fire Type	Type 1
Pressure Rating	5400Pa (Snow) & 2400Pa (Wind)

TEMPERATURE CHARACTERISTICS

Temperature Coefficients of Pmax	-0.29%/°C
Temperature Coefficients of Voc	-0.25%/°C
Temperature Coefficients of Isc	0.045%/°C
Nominal Operating Cell Temperature (NOCT)	45±2°C

MAXIMUM RATINGS

Operating Temperature (°C)	-40°C~+85°C
Maximum System Voltage	1000VDC
Maximum Series Fuse Rating	25A

PACKAGING CONFIGURATION

(Two pallets = One stack)
31pcs/pallets, 62pcs/stack, 806pcs/40 HQ Container

WARRANTY

25-year product and 30-year linear power warranty
1st year degradation not to exceed 1%, each subsequent year not to exceed 0.4%, minimum power at year 30 is 87.4% or greater.

ELECTRICAL CHARACTERISTICS

Module Type	JKM420N-54HL4-B		JKM425N-54HL4-B		JKM430N-54HL4-B		JKM435N-54HL4-B		JKM440N-54HL4-B	
	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT	STC	NOCT
Maximum Power (Pmax)	420Wp	316Wp	425Wp	320Wp	430Wp	323Wp	435Wp	327Wp	440Wp	331Wp
Maximum Power Voltage (Vmp)	32.16V	29.95V	32.37V	30.19V	32.58V	30.30V	32.78V	30.50V	32.99V	30.73V
Maximum Power Current (Imp)	13.06A	10.55A	13.13A	10.60A	13.20A	10.66A	13.27A	10.72A	13.34A	10.77A
Open-circuit Voltage (Voc)	38.74V	36.80V	38.95V	37.00V	39.16V	37.20V	39.36V	37.39V	39.57V	37.59V
Short-circuit Current (Isc)	13.51A	10.91A	13.58A	10.96A	13.65A	11.02A	13.72A	11.08A	13.80A	11.14A
Module Efficiency STC (%)	21.51%		21.76%		22.02%		22.28%		22.53%	

*STC: ☀ Irradiance 1000W/m²
NOCT: ☀ Irradiance 800W/m²

🌡 Cell Temperature 25°C
🌡 Ambient Temperature 20°C

☁ AM = 1.5
☁ AM = 1.5
🌀 Wind Speed 1m/s

*Power measurement tolerance: ±3%

The company reserves the final right for explanation on any of the information presented hereby. JKM420-440N-54HL4-B-F1-US

BUILDING YOUR TRUST IN SOLAR. WWW.JINKOSOLAR.US



CONTRACTOR



CLEAN EARTH
ENERGY

CLEAN EARTH ENERGY

42 SUTTON ST
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02188

LIC. NO. - 063679

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MARK SUMMERS
18 COMMON STREET,
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APN #: WATEM1011B0008L0000A
AHJ: CITY OF WATERTOWN
UTILITY: EVERSOURCE

SYSTEM DETAILS

10.320 KW DC-(STC) / 7.600 KW AC
(24) JINKO JKM430N-54HL4-B
(8) TESLA MCI-2 HIGH CURRENT
(1) TESLA 1538000-45-X

REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE INSTALLATION RESOURCE

DRAWN DATE	9/20/2025
DRAWN BY	VHN

SHEET NUMBER

R-01

Tesla Solar Inverter
with Site Controller

Tesla Solar Inverter completes the Tesla home solar system, converting DC power from solar to AC power for home consumption. Tesla's renowned expertise in power electronics has been combined with robust safety features and a simple installation process to produce an outstanding solar inverter that is compatible with both Solar Roof and traditional solar panels. Once installed, homeowners use the Tesla mobile app to manage their solar system and monitor energy consumption, resulting in a truly unique ecosystem experience.

KEY FEATURES

- Built on Powerwall technology for exceptional efficiency and reliability
- Designed to integrate with Tesla Powerwall and Tesla App
- Wi-Fi, Ethernet, and cellular connectivity with easy over-the-air updates
- 0.5% revenue-grade metering for Solar Renewable Energy Credit (SREC) programs included



October 25, 2024

Tesla Solar Inverter Technical Specifications

Electrical Specifications:
Output (AC)

Model Number	1538000-xx-y			
Output (AC) ¹	3.8 kW	5 kW	5.7 kW	7.6 kW
Nominal Power	3,800 W	5,000 W	5,700 W	7,600 W
Maximum Apparent Power	3,840 VA	5,040 VA	6,000 VA	7,680 VA
Maximum Continuous Current	16 A	21 A	24 A	32 A
Breaker (Overcurrent Protection)	20 A	30 A	30 A	40 A
Nominal Power Factor	1 - 0.9 (leading / lagging)			
THD (at Nominal Power)	<5%			

Electrical Specifications:
Input (DC)

MPPT	4
Input Connectors per MPPT	1-2-1-2
Maximum Input Voltage	600 VDC
DC Input Voltage Range	60 - 550 VDC
DC MPPT Voltage Range	60 - 480 VDC ¹
Maximum Current per MPPT (I _{MP})	13 A ²
Maximum Short Circuit Current per MPPT (I _{SC})	17 A ²

¹Maximum current.
²Where the DC input current exceeds an MPPT rating, jumpers can be used to allow a single MPPT to intake additional DC current up to 26 A IMP / 34 A ISC.

Performance Specifications

Peak Efficiency	98.6% at 240 V
CEC Efficiency	98.0% at 240 V
Allowable DC/AC Ratio	1.7
Customer Interface	Tesla Mobile App
Internet Connectivity	Wi-Fi (2.4 GHz, 802.11 b/g/n), Ethernet, Cellular (LTE/4G) ³
Revenue Grade Meter	Revenue Accurate (+/- 0.5%)
AC Remote Metering Support	Wi-Fi (2.4 GHz, 802.11 b/g/n)
Protections	Integrated arc fault circuit interrupter (AFCI), Rapid Shutdown
Supported Grid Types	60 Hz, 240 V Split Phase
Warranty	12.5 years

³ Cellular connectivity subject to network operator service coverage and signal strength.

CONTRACTOR



CLEAN EARTH ENERGY

42 SUTTON ST
WEYMOUTH, MASSACHUSETTS
02188
LIC. NO. - 063679

PROJECT NAME & ADDRESS
MARK SUMMERS
18 COMMON STREET,
WATERTOWN, MA 02472

APN #: WATEM1011B0008L0000A
AHJ: CITY OF WATERTOWN
UTILITY: EVERSOURCE

SYSTEM DETAILS
10.320 KW DC-(STC) / 7.600 KW AC
(24) JINKO JKM430N-54HL4-B
(8) TESLA MCI-2 HIGH CURRENT
(1) TESLA 1538000-45-X

REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE
INSTALLATION
RESOURCE

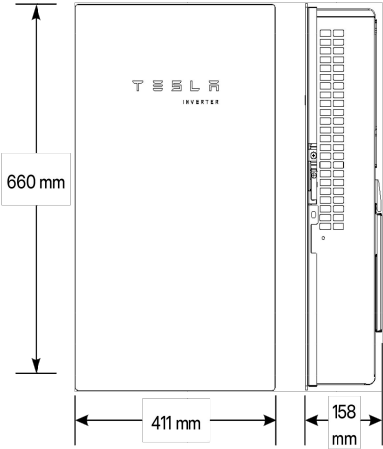
DRAWN DATE	9/20/2025
DRAWN BY	VHN

SHEET NUMBER

R-02

Tesla Solar Inverter Technical Specifications

Mechanical Specifications

Dimensions	660 mm x 411 mm x 158 mm (26 in x 16 in x 6 in)
	
Weight	52 lb ⁴
Mounting Options	Wall mount (bracket)
⁴ Door and bracket can be removed for a mounting weight of 37 lb.	

Environmental Specifications

Operating Temperature	–30°C to 45°C (–22°F to 113°F) ⁵
Operating Humidity (RH)	Up to 100%, condensing
Storage Temperature	–30°C to 70°C (–22°F to 158°F)
Maximum Elevation	3000 m (9843 ft)
Environment	Indoor and outdoor rated
Enclosure Rating	Type 3R
Ingress Rating	IP55 (Wiring compartment)
Pollution Rating	PD2 for power electronics and terminal wiring compartment, PD3 for all other components
Operating Noise @ 1 m	< 40 db(A) nominal, < 50 db(A) maximum
⁵ Performance may be de-rated to 6.2 kW at 240 V when operating at temperatures greater than 45°C.	

Compliance Information

Grid Certifications	UL 1741, UL 1741 SA, UL 1741 SB, UL 1741 PCS, IEEE 1547-2018, IEEE 1547.1
Safety Certifications	UL 1741 PVRSS, UL 1699B, UL 1998 (US), UL 3741
Emissions	EN 61000-6-3 (Residential), FCC 47CFR15.109 (a)

Solar Shutdown Device Technical Specifications

The Solar Shutdown Device is a Mid-Circuit Interrupter (MCI) and is part of the PV system rapid shutdown (RSD) function in accordance with Article 690 of the applicable NEC. When paired with Tesla Solar Inverter, solar array shutdown is initiated by any loss of AC power.

Electrical Specifications

Model	MCI-1	MCI-2	MCI-2 High Current
Nominal Input DC Current Rating (I_{MP})	13 A	13 A	15 A
Maximum Input Short Circuit Current (I_{SC})	19 A	17 A	19 A
Maximum System Voltage (PVHCS)	600 V DC	1000 V DC ⁶	1000 V DC ⁶
Maximum Disconnect Voltage ⁷	600 V DC	165 V DC	165 V DC
⁶ Maximum System Voltage is limited by Tesla Solar Inverter to 600 V DC.			
⁷ Maximum Disconnect Voltage is the maximum voltage allowed across each MCI in the open position (Rapid Shutdown Initiated). An individual MCI-2 has a voltage rating of 165V but in combination (connected in the same string) their voltage ratings are additive.			

RSD Module Performance

Maximum Number of Devices per String	5
Control	Power Line Excitation
Passive State	Normally Open
Maximum Power Consumption	7 W
Warranty	25 years

Environmental Specifications

Operating Temperature	–40°C to 50°C (–40°F to 122°F)	–45°C to 70°C (–49°F to 158°F)
Storage Temperature	–30°C to 70°C (–22°F to 158°F)	–30°C to 70°C (–22°F to 158°F)
Enclosure Rating	NEMA 4X / IP65	NEMA 4X / IP65

Mechanical Specifications

Electrical Connections	MC4 Connector	MC4 Connector
Housing	Plastic	Plastic
Dimensions	125 x 150 x 22 mm (5 x 6 x 1 in)	173 x 45 x 22 mm (6.8 x 1.8 x 1 in)
Weight	350 g (0.77 lb)	120 g (0.26 lb)
Mounting Options	ZEP Home Run Clip M4 Screw (#10) M8 Bolt (5/16") Nail / Wood screw	Wire Clip

Compliance Information

Certifications	UL 1741 PVRSE, UL 3741, PVRSA (Photovoltaic Rapid Shutdown Array)
RSD Initiation Method	PV System AC Breaker or Switch

UL 3741 PV Hazard Control (and PVRSA) Compatibility

See [UL 3741 Application Addendum](#)

CONTRACTOR



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18 COMMON STREET,
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APN #: WATEM1011B0008L0000A
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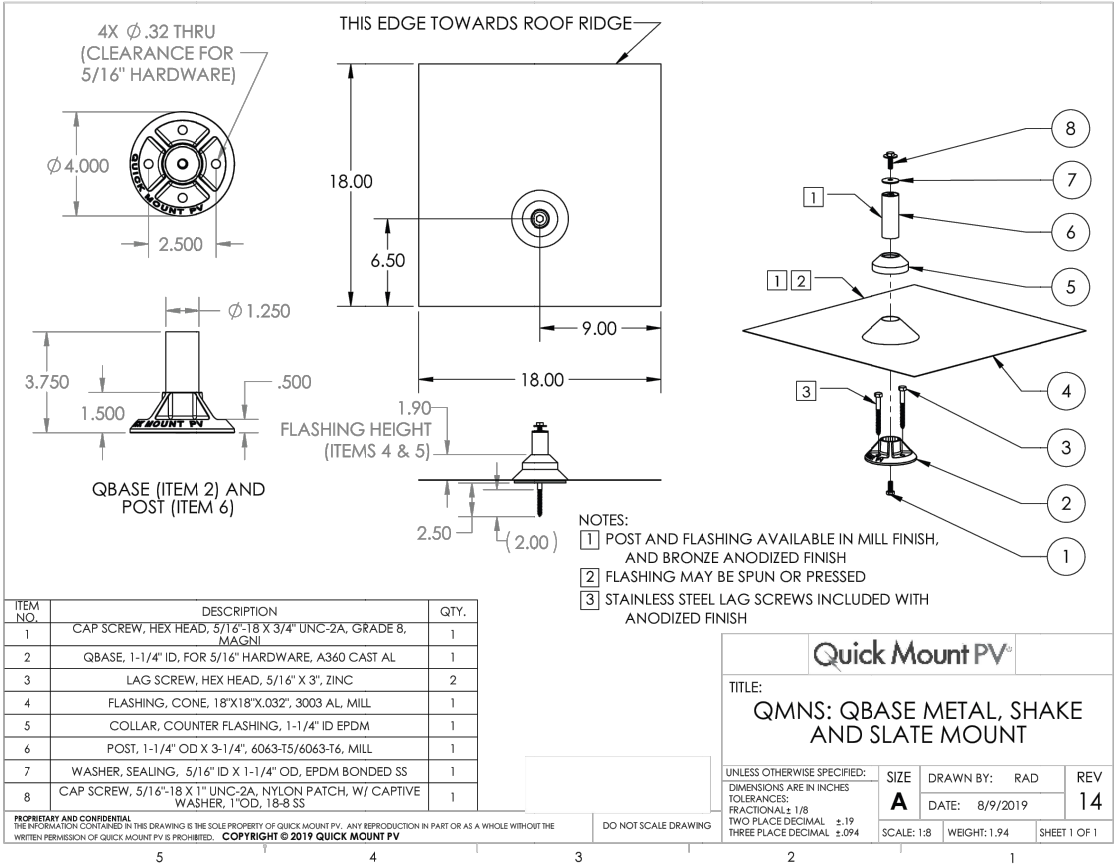
SHEET TITLE
INSTALLATION
RESOURCE

DRAWN DATE	9/20/2025
DRAWN BY	VHN

SHEET NUMBER

R-03

QBase® Shake & Slate Mount | QMNS



PLEASE NOTE: Cedar shakes treated with ACQ or CCA wood preservatives or fire retardant chemicals, or shakes with higher concentrations of natural tannins, may cause accelerated corrosion when in direct contact with aluminum. The Cedar Shingle & Shake Bureau recommends pre-painting both sides of the flashing using a good metal or bituminous paint. It is also advisable to use an appropriate physical barrier to isolate the aluminum from these corrosive chemicals. Accepted barriers include standard roofing felt, ice & water shield type underlayment, or 10 mil thick polyethylene sheeting. Please check with your shake roofer and/or supplier to see if your shakes require these barriers.

Caution: Prior to installation, check that proper screw embedment will be achieved for the necessary site load and roofing configurations.



CONTRACTOR



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ENERGY

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INSTALLATION
RESOURCE

DRAWN DATE	9/20/2025
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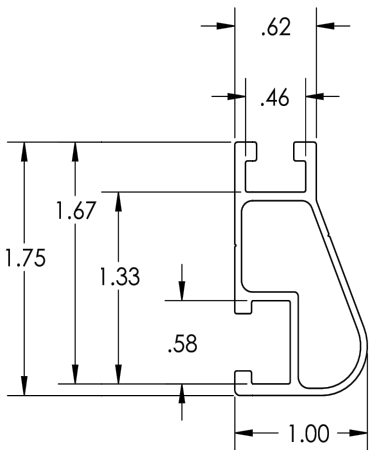
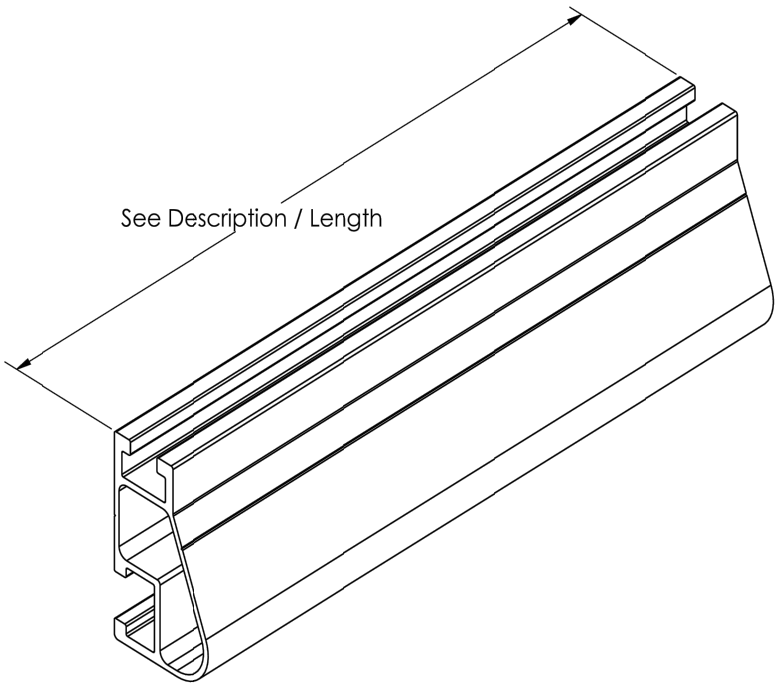
SHEET NUMBER

R-04



Cut Sheet

XR10 Rail



Rail Section Properties	
Property	Value
Total Cross-Sectional Area	0.363 in ²
Section Modulus (X-axis)	0.136 in ³
Moment of Inertia (X-axis)	0.124 in ⁴
Moment of Inertia (Y-axis)	0.032 in ⁴
Torsional Constant	0.076 in ³
Polar Moment of Inertia	0.033 in ⁴

Clear Part Number	Black Part Number	Description / Length	Material	Weight
XR-10-132A	XR-10-132B	XR10, Rail 132" (11 Feet)	6000-Series Aluminum	4.67 lbs.
XR-10-168A	XR-10-168B	XR10, Rail 168" (14 Feet)		5.95 lbs.
XR-10-204A	XR-10-204B	XR10, Rail 204" (17 Feet)		7.22 lbs.

v1.0

CONTRACTOR



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REVISIONS

REV	DESCRIPTION	DATE

SHEET TITLE INSTALLATION RESOURCE

DRAWN DATE	9/20/2025
DRAWN BY	VHN

SHEET NUMBER

R-05



City of Watertown

Historic District Commission
Parker Building
124 Watertown Street
Watertown, Massachusetts 02472
Tel: (617) 972-6426

filed 9/24/25
HDC 25-7
Filing Number: _____

As owner or authorized trustee of the property at 18 Common Street, Watertown, MA 02472
in Watertown, Massachusetts, I hereby make application to the Watertown Historic District Commission for issuance of a
Certificate of (**check one**):

(**X**) **Appropriateness**, () **Nonapplicability**, or () **Hardship** for the alteration, construction, or demolition as described:

Project Description (include everything being changed):

Install new 24 panel roof mounted solar array. 10.32 kW DC / 7.60 kW AC.

Solar inverter and disconnect will be located on the back patio and won't be visible from the street.

Name of Property Owner or Condo Trust of Record: Mark Summers

Mailing Address: 18 Common Street, Watertown, MA 02472

Telephone: 614 599 2620

Email: mark.a.summers@gmail.com

Signature of Property Owner(s) and Authorized Condo Trustee of Record, if applicable (Required):

Corbin Robichaud - Clean Earth Energy LLC

Name of Applicant, if not Record Owner: Corbin Robichaud

Mailing Address: 42 Sutton Street, Weymouth, MA 02188

Telephone: 781-915-8556

Email: corbin@cleaneearth.energy

Instructions for Completing this Application

Your property is in the Mount Auburn Street Historic District. A Certificate is required before obtaining any building permit or before proceeding with alteration or construction projects affecting the exterior of the property open to view from a public street, public way, public park or public body of water. This application must be filed with the Historic Preservation Office, located in the City of Watertown's, Parker Building, 124 Watertown Street, Watertown, MA 02472.

The following information is required for **ALL** applications:

- ☐ Written **description** of the work to be done, including any anticipated repair or replacement for related rehabilitation (use application form provided and attach additional pages if).
- ☐ **Photographs** of existing conditions as seen from a public way.
- ☐ Schedule of **materials and colors** (may be described on plans and elevations).
- ☐ Manufacturer's brochures, illustrations, and/or **specifications** sheets for proposed materials.
- ☐ **Supporting documentation** in sufficient detail for the Commission to visualize and understand the scope of **all** proposed construction, alteration, or demolition.
- ☐ When applicable, include detailed, **dimensioned façade elevations and/or plans**. Please submit plans no larger than 11" x 17" format.

In addition, the following are also required for applications for new structures and for additions:

- ☐ **Certified plot plan(s)** of existing and proposed site, including a dimensioned footprint of all existing buildings, parking areas, and driveways.
- ☐ Streetscape elevation at 1/8th scale showing relative heights and distances of the surrounding buildings in comparison with any proposed new construction.

An application is considered incomplete without sufficient accompanying plans and drawings. **Incomplete applications will be returned to the applicant and will not be scheduled for Commission review.** Completed applications should be returned to the Commission office by the application deadline (see filing schedule).

Evaluation of Application

It is important to note that the Commission considers the aesthetic, historic, and architectural values and significance, design, arrangement, texture, material and color of the proposed work and specifically asks:

- (1) If the proposed work would **change, destroy, or affect any exterior architectural feature**
- (2) For new improvement, whether the construction would **affect or not be in harmony** with the historic district.

The HDC may make recommendations of changes which, if made, would make the application acceptable to the HDC.

Public Notices

The Commission will post public notice of hearings on the City's website and mail notice to abutters.

Certificates

A Certificate must be issued **before** a building permit can be obtained and before work can begin in the Mount Auburn Street Historic District. The approved Certificate shall expire one year from the time of issuance unless otherwise extended by the Commission.

Alterations Exempt from Full Commission Review

The following categories, structures or architectural features are exempt from full Commission review, **but still require a completed application and the issuance of a Certificate of Nonapplicability:**

1. Terraces, walks, sidewalks, driveways, street lighting and traffic lighting provided that any such structure is substantially at grade level;
2. Storm doors and storm windows, screens, and window air conditioners;
3. Color of paint; color of materials used on roofs;
4. Reconstruction, substantially similar in exterior design, of a building, structure or exterior architectural feature damaged or destroyed by fire, storm or other disaster, provided such reconstruction is begun within one year thereafter and carried forward with due diligence;
5. Ordinary maintenance, repair or replacement of any exterior architectural feature which does not involve a change in design, material, or the outward appearance thereof; and,
6. Landscaping with plants, trees or shrubs.

Definitions:

Alter, alteration: To rebuild, reconstruct, restore, remove, demolish or other similar activities, including a change in exterior color.

Building: A combination of materials forming a shelter for persons, animals or property.

Certificate of Appropriateness: The certificate issued by a commission if it determines that the construction or alteration for which an application for a certificate of appropriateness has been filed will be appropriate for or compatible with the preservation or protection of the district.

Certificate of Non-applicability: The certificate issued by a commission if it determines that the construction or alteration for which a certificate of appropriateness or a certificate of non-applicability has been filed does not involve any exterior architectural feature or involves an exterior architectural feature which is not subject to review by the commission.

Certificate of Hardship: The certificate issued by a commission if it determines that owing to conditions especially affecting the building or structure involved, but not affecting the historic district generally, failure to approve an application will involve a substantial hardship, financial or otherwise, to the applicant and such application may be approved without substantial detriment to the public welfare and without substantial derogation from the intent and purposes of this ordinance. A certificate of hardship shall also be issued by the commission in the event that it fails to make a determination on an application within sixty (60) days after the filing of an application, or such further time as has been allowed in writing by the applicant.

Commission: The Watertown Historic District Commission.

Construct, construction: To build, erect, install, enlarge, move and other similar activities.

District: The Mount Auburn Street Historic District established pursuant to Massachusetts General Laws, Chapter 40C and Historic District Ordinance 0-2002-16, which is described on a plan known as "Proposed Mount Auburn Street Area, Watertown Historic District", dated March 1, 2000, filed with the Town Clerk and the South Middlesex Registry of Deeds.

Exterior architectural features: Such portion of the exterior of a building or structure as is open to view from a public street, public way, public park or public body of water, including but not limited to the architectural style and general arrangement and setting thereof, the kind, color and texture of exterior building materials, the color of paint or other materials applied to exterior surfaces and the type and style of windows, doors, lights, signs and other appurtenant exterior fixtures.

Sign: Any symbol, design, or device used to identify or advertise any place of business, product, activity or person.

Structure: A combination of materials other than a building, including a sign, fence, wall, terrace, walk or driveway, and all supporting assemblies, supporting structures, equipment and facilities ancillary or accessory to antennae and wireless communication equipment.





