SYSTEM INFORMATION							
MODULE	HANWHA Q.PEAK DUO BLK ML-G10+ 400						
INVERTER	ENPHASE IQ8PLUS-72-2-US						
RACKING	ROOFTECH RT-MINI II W/ UNIRAC NXT HORIZON 2-RAIL RACKING SYSTEM						
SYSTEM SIZE (DC)	4.8 KW						
LOCATION	30.1787540,-82.7143511						

GENERAL NOTES:

THIS PV SYSTEM HAS BEEN DESIGNED TO MEET THE MINIMUM DESIGN STANDARDS FOR BUILDING AND OTHER STRUCTURES OF THE ASCE 7-16, 7TH EDITION 2020 FLORIDA RESIDENTIAL CODE, 7TH EDITION 2020 FLORIDA BUILDING CODE, 7TH EDITION 2020 FLORIDA FIRE PREVENTION CODE, NEC 2017 AND ALL LOCAL CODES & ORDINANCES.

ROOF SHALL HAVE NO MORE THAN TWO LAYERS OF COVERING IN ADDITION TO THE SOLAR EQUIPMENT.

INSTALLATION OF SOLAR EQUIPMENT SHALL BE FLUSH MOUNTED, PARALLEL TO AND NO MORE THAN 6-INCHES ABOVE THE SURFACE OF THE ROOF.

ANY PLUMBING VENTS ARE NOT TO BE CUT OR COVERED FOR SOLAR EQUIPMENT INSTALLATION. ANY RELOCATION OR MODIFICATION OF THE VENT REQUIRES A PLUMBING PERMIT AND INSPECTION.

ALL DESIGN, CALCULATIONS ARE PERFORMED BY DANIEL DUNZIK REGISTERED ARCHITECT. FLORIDA STATE STATUTE 471.003(3) PROVIDES THAT LICENSED ARCHITECTS ARE EXEMPTED FROM THE PROVISIONS OF CHAPTER 471 ENGINEERING AND NOT PRECLUDED FROM PERFORMING ENGINEERING SERVICES FOR INTEGRATED SYSTEMS AND SERVICES THAT ARE INCIDENTAL TO BUILDINGS AND STRUCTURES.

INVERTER PLACEMENT:

SYSTEM UTILIZES "ENPHASE" MICRO-INVERTERS WITH RAPID SHUTDOWN CONTROL LOCATED ON THE BACK SIDE OF EACH MODULE.

STRUCTURAL STATEMENT:

THE EXISTING STRUCTURE IS ADEQUATE TO SUPPORT THE NEW LOADS IMPOSED BY THE PHOTOVOLTAIC MODULE SYSTEM INCLUDING UPLIFT & SHEAR.EXISTING RAFTER SIZES & DIMENSIONS CONFORM TO 7TH EDITION 2020 FLORIDA RESIDENTIAL CODE

MOUNTING BRACKETS AND HARDWARE MEET OR EXCEED FLORIDA CODE REQUIREMENTS FOR THE DESIGN CRITERIA OF THE TOWN.

FSEC CERTIFICATION STATEMENT:

PER FL. STATUE 377.705, I, MINA A. MAKAR PE# 86753, CERTIFICATE OF AUTHORIZATION #33404, AN ENGINEER LICENSED PURSUANT TO CHAPTER 471, CERTIFY THAT THE PV ELECTRICAL SYSTEM AND ELECTRICAL COMPONENTS ARE DESIGNED AND APPROVED USING THE STANDARDS CONTAINED IN THE MOST RECENT VERSION OF THE FLORIDA BUILDING CODE. FBC 2020

CLIMATIC & GEOGRAPHIC DESIGN CRITERIA TABI R301.2(1)						
SPEED (MPH)	120					
TOPOGRAPHIC EFFECTS	В					
SPECIAL WIND REGION	NO					
WIND BORNE DEBRIS ZONE	2					
SEISMIC DESIGN CATEGORY	С					
CLIMATE ZONE	2A					
WIND EXPOSURE CATETORY	В					

FBC, RESIDENTIAL 2020

	TABLE R301.2.1.3										
WIND SPEED CONVERSIONS ^a									a		
V _{ult}	140	150	160	170	180	190	200				
V_{asd}	85	89	93	101	108	116	124	132	139	147	155

For SI: 1 mile per hour = 0.447 m/s.

a. Linear interpolation is permitted.

HANWHA Q.PEAK DUO BLK ML-G10+ 400 400 WATT MODULE 74" X 41.1" X 1.26" (SEE DATASHEET)

PLAN KEY						
PV-1	COVER PAGE					
PV-1.1	ATTACHMENT DETAIL					
PV-1.1 (2)	ATTACHMENT DETAIL					
PV-2	ROOF LAYOUT					
PV-3	ELECTRICAL					
PV-3.1	ELECTRICAL CONT.					
PV-3.2	EQUIPMENT LABELS					

BILL OF MATERIALS	T
MODULES	12
INVERTERS	12
L-FOOT ATTACHMENT W/ RT-MINI	26
171" RAILS	6
SKIRTS	0
ENPHASE COMBINER BOX	1
EATON 60A FUSIBLE AC DISCONNECT	1
35A FUSES	2
20A BACKFEED BREAKER	1



PRO CUSTOM SOLAR LLC D.B.A. MOMENTUM SOLAR 325 HIGH STREET, METUCHEN, NJ 08840 (732) 902-6224 MOMENTUMSOLAR.COM

PROFESSIONAL



Reason: Digitally signed by Mina A Maker: Reason This it is has been electronically signed and sealed by MANAL Maker, PE 86753, COA # 33404] on the Date and Jibeb Stame Ahawar psiaspa digitaltsignatureeRrinted leggies notathis idaeuraent asee notv ngnsjdengdsigned ændseded # and the signature must be Stamp serified sin anyticlect conict copies

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Date: 2023.06.30 05:06:05 -05:00

SOLAR CONTRACTOR

CAMERON CHRISTENSEN
CERTIFIED SOLAR CONTRACTOR LICENSE NUMBER: CVC57036 MOMENTUM SOLAR 5728 MAJOR BLVD. SUITE 307, ORLANDO FL. 32819

CUSTOMER INFORMATION

CALVIN SOLOMON - MS130542 449 SW JEWEL LAKE DRIVE LAKE CITY, FL 32024 3863655615

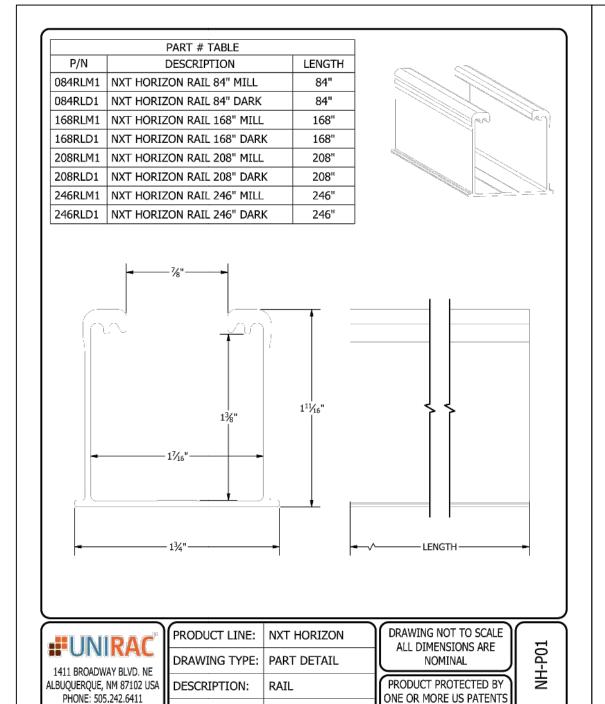
PV SYSTEM INFORMATION

SYSTEM SIZE (DC): 4.8 KW 12 MODULES: HANWHA Q.PEAK DUO BLK ML-G10+ 400 12 INVERTERS: ENPHASE IQ8PLUS-72-2-US

PROJECT INFORMATION								
INITIAL	DATE: 6/30/2023	DESIGNER: TV						
REV:	DATE:	DESIGNER:						
REV:	DATE:	DESIGNER:						

COVER PAGE

PV-1

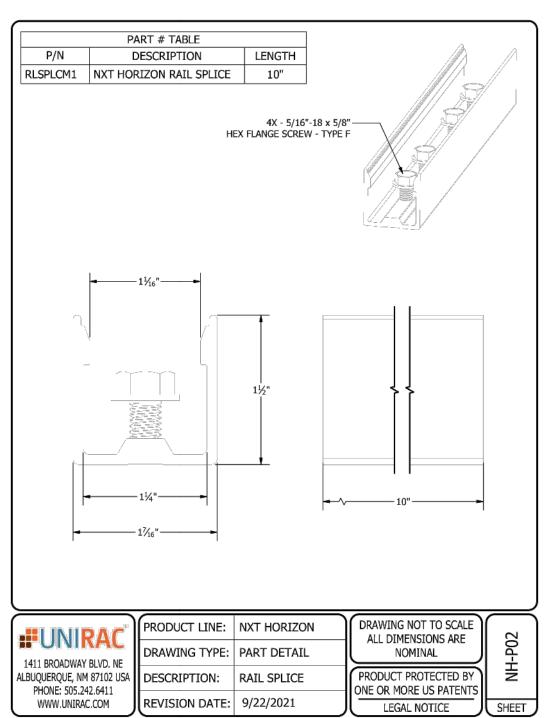


REVISION DATE: 9/13/2021

LEGAL NOTICE

SHEET

WWW.UNIRAC.COM





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PROFESSIONAL ENGINEERING

No PE86753

Digitally signed by

Digitally signed by
Reason: Digitally signed by Mina
A Maker. Reason This it is has been electronically signed and sealed by Mina Maker. PE
86753, COA # \$3404] on the
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MOMENTUM SOLAR
5728 MAJOR BLVD. SUITE 307, ORLANDO FL. 32819

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CALVIN SOLOMON - MS130542 449 SW JEWEL LAKE DRIVE LAKE CITY, FL 32024 3863655615

PV SYSTEM INFORMATION

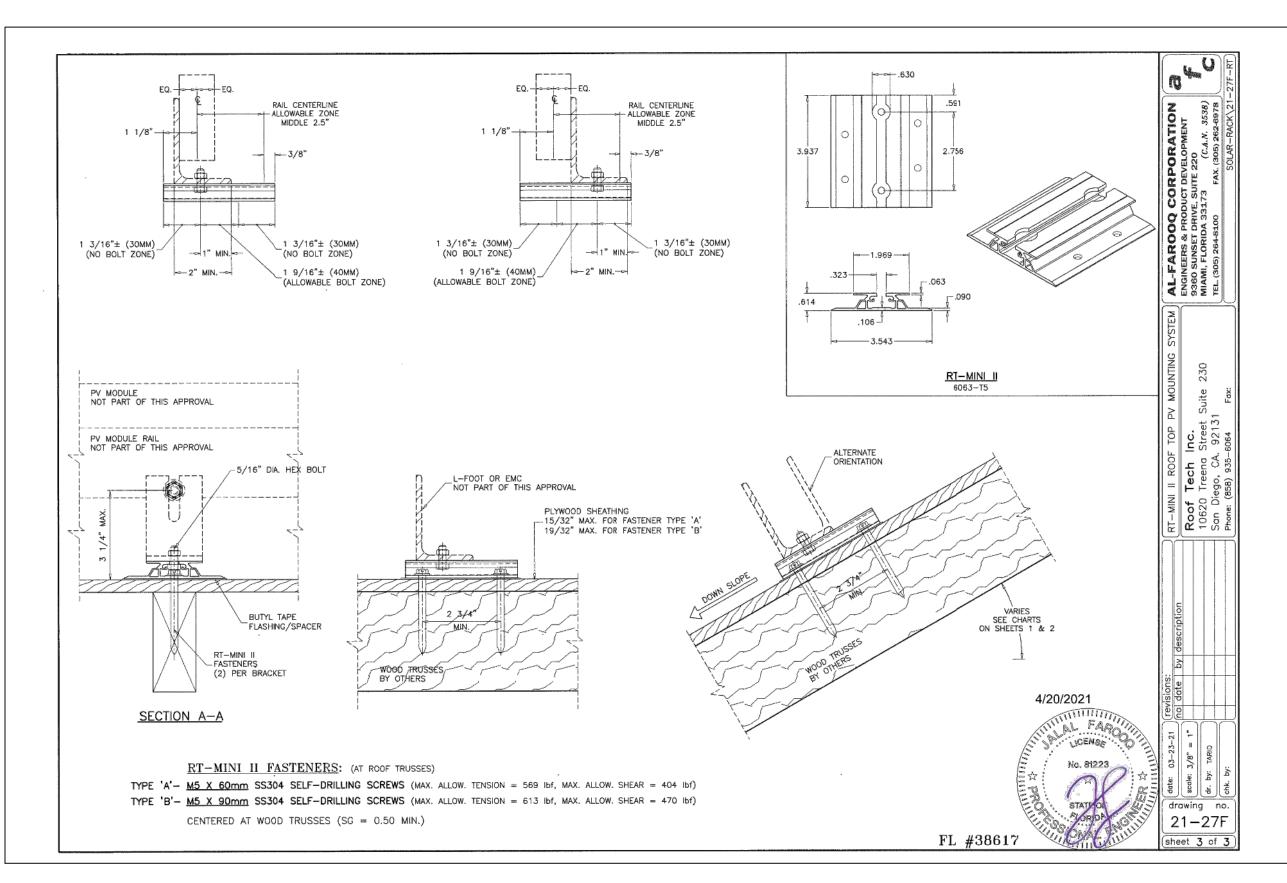
SYSTEM SIZE (DC): 4.8 KW
12 MODULES: HANWHA Q.PEAK DUO BLK
ML-G10+ 400
12 INVERTERS: ENPHASE

IQ8PLUS-72-2-US

	PROJECT INFORMA	TION
INITIAL	DATE: 6/30/2023	DESIGNER: TV
REV:	DATE:	DESIGNER:
REV:	DATE:	DESIGNER:

ATTACHMENT DETAIL

PV-1.1



ATTACHMENT DETAIL FOR SHINGLE ROOF



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PROFESSIONAL ENGINEERING

No PE86753

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Reason: Digitally signed by Mina
A Maker. Reason of This it is has been electronically signed and sealed by Whara Maker, PE 86753, COA # 33404] on the Date Anglia tripe Stamp showar. Reason digital tripe stamp showar ending and another stamp who the signature and the Stamp showar and signature and the Stamp showard signature and showard signature showard signature and showard signature showard showard showard signature showard showar

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SOLAR CONTRACTOR

CAMPERON CHRISTENSEN
CERTIFIED SOLAR CONTRACTOR LICENSE NUMBER: CVC570
MOMENTUM SOLAR
5728 MAJOR BLVD. SUITE 307, ORLANDO FL. 32819

CUSTOMER INFORMATION

CALVIN SOLOMON - MS130542 449 SW JEWEL LAKE DRIVE LAKE CITY, FL 32024 3863655615

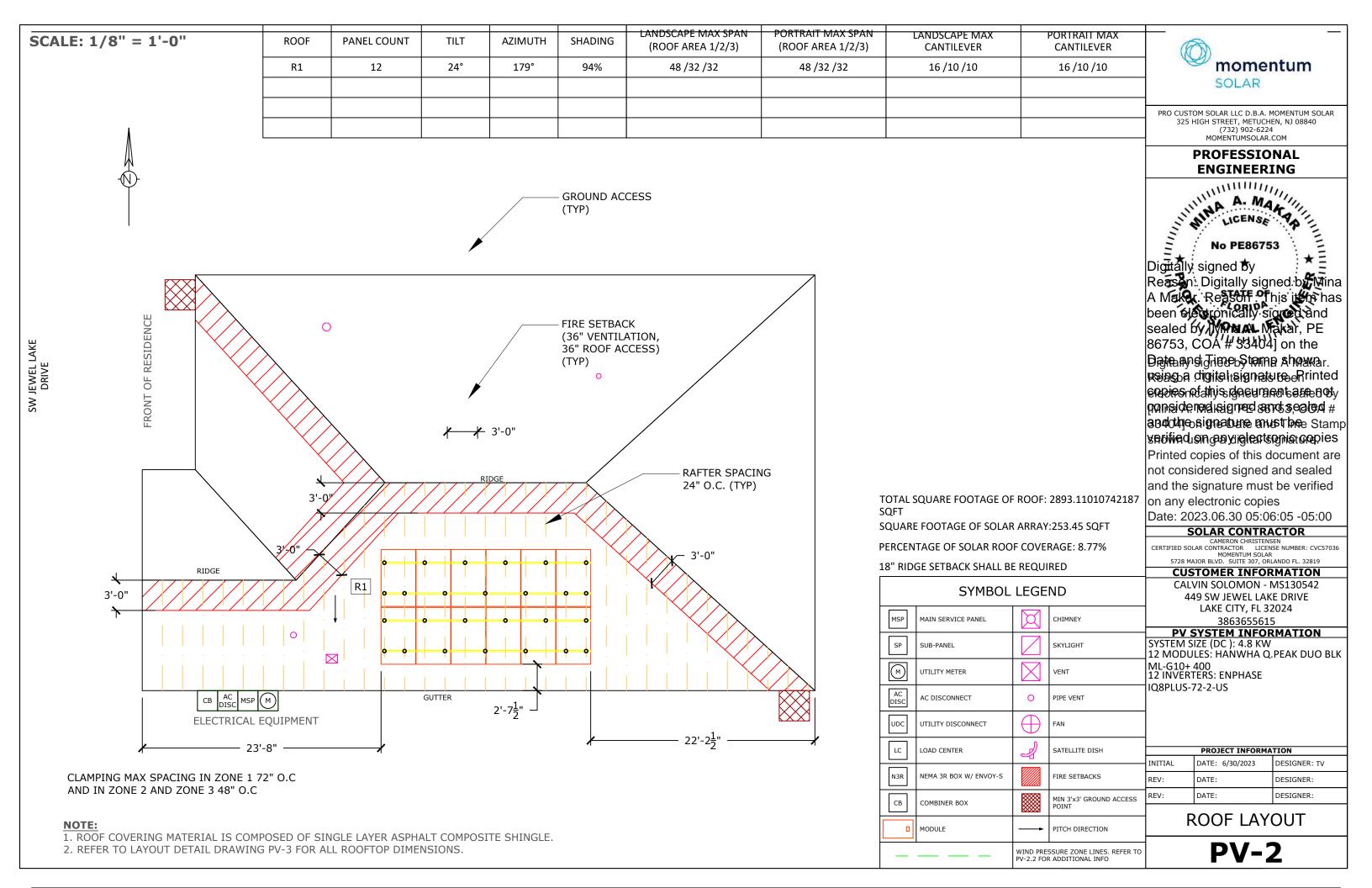
PV SYSTEM INFORMATION

SYSTEM SIZE (DC): 4.8 KW
12 MODULES: HANWHA Q.PEAK DUO BLK
ML-G10+ 400
12 INVERTERS: ENPHASE
IQ8PLUS-72-2-US

PROJECT INFORMATION									
INITIAL	DATE: 6/30/2023	DESIGNER: TV							
REV:	DATE:	DESIGNER:							
REV:	DATE:	DESIGNER:							

ATTACHMENT DETAIL

PV-1.1 (2)



_													
PV MODULE RATINGS		INVERTER RATINGS	VOLTAGE DROP CALCULATIONS										
	MODULE MAKE	HANWHA	INVERTER MAKE	ENPHASE		FORMULA USI	ED PER NEC H	ANDBOOK 21!	5.2(A)(4) WHE	RE APPLICABL	.E		
	MODEL	Q.PEAK DUO BLK	MODEL	IQ8PLUS-72-2-	WIRE RUN	V_{mp}	I_{mp}	R	L (FT)	Vo	% V _o	WIRE SIZE	
		ML-G10+ 400	WODEL	US	BRANCH TO J-BOX	240.00	14.52	1.98	79.00	4.542	1.89%	12 AWG	
	MAX POWER	400W	MAX OUTPUT POWER	290W	BRANCH TO J-BOX	240.00	14.52	1.90	79.00	4.542	1.09%	12 AVVG	DI
	OPEN CIRCUIT VOLTAGE	45.3V	OPEN DC VOLTAGE	60V	J-BOX TO LOAD CENTER	240.00	14.52	1.24	50.00	1.800	0.75%	10 AWG	
	MPP VOLTAGE	37.13V	NOMINAL AC VOLTAGE	240V	LOAD CENTER TO AC								
9	SHORT CIRCUIT CURRENT	11.14A	MAX AC CURRENT	1.21A	DISCONNECT	240.00	18.15	0.778	3.00	0.085	0.04%	08 AWG	
	MPP CURRENT	10.77A	CEC INVERTER EFFICIENCY	97%	AC DISCONNECT TO INTERCONNECTION	240.00	18.15	0.778	10.00	0.282	0.12%	08 AWG	
	NUMBER OF MODULES	12	NUMBER OF INVERTERS	12	INTERCONNECTION								l

PV BREAKER # OF MODULES SUB PANEL PER BRANCH **BREAKER SIZE**

UP TO 16

YES

20A

_UL1703 COMPLIANT

12 HANWHA Q.PEAK DUO BLK ML-G10+ 400 400W MODULES PAIRED WITH

12 ENPHASE IQ8PLUS-72-2-US MICRO-INVERTERS

THIS SOLAR PHOTOVOLTAIC SYSTEM COMPLIES WITH THE 2020 FLORIDA BUILDING CODE AND THE 2017 NATIONAL ELECTRICAL CODE

YES

NEC 705.12(B)(2)(3)(b) 120% RULE

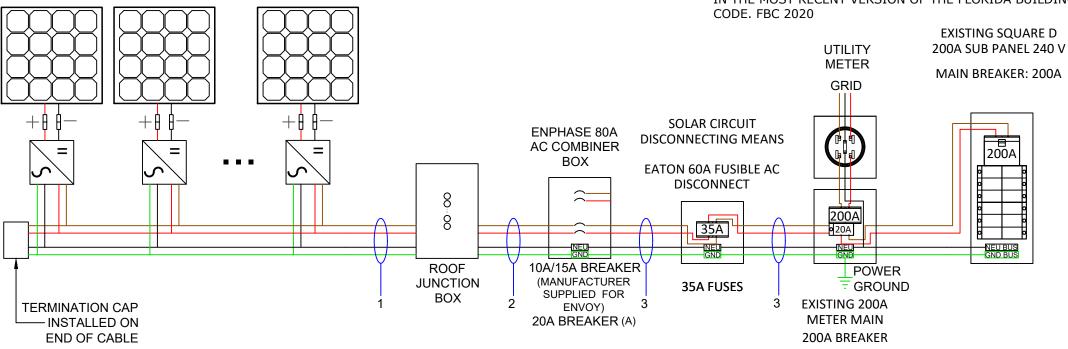
(1.25 x INVERTER OUTPUT) + MAIN OCPD ≤ BUS RATING x 1.20 $(1.25 \times 14.52) + 200 \le 200 \times 1.20$

FSEC CERTIFICATION STATEMENT:

PER FL. STATUE 377.705, I, MINA A. MAKAR PE# 86753, CERTIFICATE OF AUTHORIZATION #33404, AN ENGINEER LICENSED PURSUANT TO CHAPTER 471, CERTIFY THAT THE PV ELECTRICAL SYSTEM AND ELECTRICAL COMPONENTS ARE DESIGNED AND APPROVED USING THE STANDARDS CONTAINED 86753, COA # 33404] on the IN THE MOST RECENT VERSION OF THE FLORIDA BUILDING

BRANCH CIRCUIT A 12 MICRO-INVERTERS

UL1703 COMPLIANT



Wire Tag	Conduit	Wire Qty	Wire Gauge	Wire Type	Temp. Rating	Wire Ampacity (A)	Temp. Derate	Conduit Fill Derate	Derated Ampacity (A)	Inverter Qty	NOC (A)	NEC Correction	Design Current (A)	Ground Size	Ground Wire Type	
1	OPEN AIR	1	12 AWG	Trunk Cable	90°C	30	0.96	1	28.80	12	1.21	1.25	18.15	12 AWG	Trunk Cable	IN:
2	3/4" PVC	2	10 AWG	THWN-2	75°C	35	0.96	1	33.60	12	1.21	1.25	18.15	08 AWG	TIIVA/NI O	RE
3	3/4" PVC	3 + G	08 AWG	THWN-2	75°C	50	0.96	1	48.00	12	1.21	1.25	18.15	08 AWG	THWN-2	Γ-
																\vdash

NOTE: LETTER "G" IN WIRE QTY TAB STANDS FOR GROUNDING CONDUCTOR.



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SOLAR CONTRACTOR

CERTIFIED SOLAR CONTRACTOR LICENSE NUMBER: CVC57036 MOMENTUM SOLAR 5728 MAJOR BLVD. SUITE 307, ORLANDO FL. 32819

CUSTOMER INFORMATION

CALVIN SOLOMON - MS130542 449 SW JEWEL LAKE DRIVE LAKE CITY, FL 32024 3863655615

PV SYSTEM INFORMATION

SYSTEM SIZE (DC): 4.8 KW 12 MODULES: HANWHA Q.PEAK DUO BLK ML-G10+ 400 12 INVERTERS: ENPHASE

IQ8PLUS-72-2-US

	PROJECT INFORMATION								
1	INITIAL	DATE: 6/30/2023	DESIGNER: TV						
4	REV:	DATE:	DESIGNER:						
	REV:	DATE:	DESIGNER:						

THREE LINE DIAGRAM

PV-3

ELECTRICAL NOTES:

- 1. ALL CALCULATIONS FOR VOC, VMAX, IMP AND ISC HAVE BEEN CALCULATED USING THE MANUFACTURED STRING CALCULATOR BASED ON ASHRAE 2% HIGH AND EXTREME MINIMUM TEMPERATURE COEFFICIENTS.
- 2. THE ENTIRE ARRAY IS BONDED ACCORDING TO (NEC 690.46 250.120 PARAGRAPH C). THE GROUND IS CARRIED AWAY FROM THE GROUNDING LUG USING #6 BARE COPPER WIRE OR #8 THWN-2 COPPER WIRE.
- 3. THIS SYSTEM COMPLIES WITH NEC 2017
- BRANCH CIRCUIT CALCULATION FOR WIRE TAG 1 DISPLAYS THE LARGEST BRANCH CIRCUIT IN SYSTEM. OTHER BRANCH CIRCUITS SHALL HAVE LOWER DESIGN CURRENT THAN THE ONE SHOWN. IN ADDITION, VOLTAGE DROP CALCULATIONS FROM PANELS TO THE COMBINER BOX SHALL BE SHOWN IN A SIMILAR FASHION
- 5. ALL CONDUCTORS ARE SIZED BASED ON NEC 2017 ARTICLE 310
- 6. ALL EQUIPMENT INSTALLED IS RATED AT 75°C
- 7. INVERTER NOC (NOMINAL OPEN CURRENT) OBTAINED FROM **EQUIPMENT DATASHEET**
- 8. CONTRACTOR SHALL BE RESPONSIBLE FOR COMPLYING WITH ALL LOCAL AND NATIONAL CODE REQUIREMENTS.
- 9. EACH MODULE MUST BE GROUNDED ACCORDING TO USER **INSTRUCTIONS**
- 10. ALL EQUIPMENT SHALL BE LISTED PER NEC 690.4(B)
- 11. PER NEC 690.13. 690.15. PROVIDE A WARNING SIGN AT ALL LOCATIONS WHERE TERMINALS OF THE DISCONNECTING MEANS MAY BE ENERGIZED IN THE OPEN POSITION> SIGN SHALL READ *WARNING -ELECTRIC SHOCK HAZARD - DO NOT TOUCH TERMINALS - OR EQUIVALENT.
- 12. PER NEC 705.10. PROVIDE A PERMANENT PLAQUE OR DIRECTORY SHOWING ALL ELECTRIC POWER SOURCES ON THE PREMISES AT SERVICE ENTRANCE.
- 13. INTERCONNECTION METHOD SHALL COMPLY WITH NEC 705.12
- 14. AND OPTION FOR A SINGLE CIRCUIT BRANCH TO BE SPLIT INTO TWO SUB-CIRCUIT BRANCHES IS ACCEPTABLE
- 15. ALL CONDUCTORS MUST BE COPPER.
- 16. NEUTRAL AND EQUIPMENT GROUNDING CONDUCTOR BONDED AS PER NEC 250.24(C).
- 17. EQUIPMENT GROUNDING CONDUCTOR IS CONNECTED TO A GROUNDING ELECTRODE SYSTEM PER 250.54(D).
- 18. FUSES FOR PV DISCONNECT HAVE AIC RATINGS OF 200KA AC AND 20KA DC.
- 19. SUPPLY SIDE CONNECTION SHALL BE MADE USING ILSCO INSULATION PIERCING CONNECTORS (IPC). MAKE, MODEL, AND RATING OF INTERCONNECTION CAN BE SEEN ON TABLE 1 BELOW.
- 20. METHOD OF INTERCONNECTION CAN BE SEEN IN FIGURE 1.
- 21. UTILITY HAS 24-HR UNRESTRICTED ACCESS TO ALL PHOTOVOLTAIC SYSTEM COMPONENTS LOCATED AT THE SERVICE ENTRANCE.

- 22. WORKING CLEARANCES AROUND THE EXISTING AND NEW ELECTRICAL EQUIPMENT WILL BE MAINTAINED IN ACCORDANCE WITH NEC ARTICLE 110.26
- CONDUCTORS EXPOSED TO SUNLIGHT SHALL BE LISTED AS SUNLIGHT RESISTANT PER NEC ARTICLE 300.6 (C)(1) AND ARTICLE 310.8 (D).
- 24. CONDUCTORS EXPOSED TO WET LOCATIONS SHALL BE SUITABLE FOR USE IN WET LOCATIONS PER NEC ARTICLE 310.10 (C).
- 25. TOTAL AREA OF ALL CONDUCTORS, SPLICES, AND TAPS INSTALLED AT ANY CROSS SECTION OF THE WIRING DOES NOT EXCEED 75% OF THE CROSS SECTIONAL AREA OF THE SPACE. NEC 312.8(A)(2).
- 26. SYSTEM IS CONSIDERED AN AC MODULE SYSTEM. NO DC CONDUCTORS ARE PRESENT IN CONDUIT, COMBINER, JUNCTION BOX, DISCONNECT. AND COMPLIES WITH 690.6 - NO DC DISCONNECT AND ASSOCIATED DC LABELING ARE REQUIRED.
- 27. SYSTEM COMPLIES WITH 690.12 RAPID SHUTDOWN AND ASSOCIATED LABELING AS PER 690.56(C). AC VOLTAGE AND SYSTEM OPERATING CURRENT SHALL BE PROVIDED 690.52.
- 28. CONDUCTORS IN CONDUIT ARE AC CONDUCTORS BRANCH CIRCUITS AND NOT PV SOURCE CIRCUITS, 690.6.
- 29. ALL GROUNDING SHALL COMPLY WITH 690.47(A) IN THAT THE AC MODULES WILL COMPLY WITH 250.64.
- 30. NO TERMINALS SHALL BE ENERGIZED IN THE OPEN POSITION IN THIS AC MODULE SYSTEM 690.13, 690.15, 690.6.
- 31. WHERE APPLICABLE: INTERCONNECTION SHALL COMPLY WITH 705.12(A) OR 705.12(B)
- 32. ALL WARNING SIGN(S) OR LABEL(S) SHALL COMPLY WITH 2017 NEC ARTICLE 110.21(B). LABEL WARNINGS SHALL ADEQUATELY WARN OF THE HAZARD. LABELS SHALL BE PERMANENTLY AFFIXED TO THE EQUIPMENT, AND LABELS REQUIRED SHALL BE SUITABLE FOR THE ENVIRONMENT.
- PV POWER CIRCUIT LABELS SHALL APPEAR ON EVERY SECTION OF THE WIRING SYSTEM THAT IS SEPARATED BY ENCLOSURES. WALLS, PARTITIONS, CEILINGS, OR FLOORS.

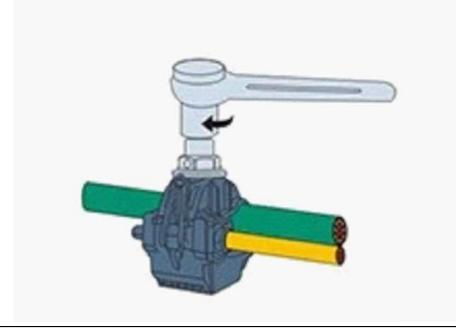
TABLE 1:

MAKE	MODEL	VOLTAGE RATING	CONDUCTOR RANGE MAIN	CONDUCTOR RANGE TAP
ILSCO	IPC 4006	600 V	4/0-4 AWG	6-14 AWG
ILSCO	IPC 4020	600 V	4/0-2 AWG	2/0-6 AWG

INSTRUCTIONS FOR LINE TAPS

FIGURE 1:

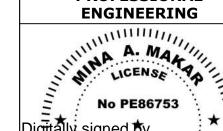
- 1. ADJUST THE CONNECTOR NUT TO SUITABLE LOCATION
- PUT THE BRANCH WIRE INTO THE CAP SHEATH FULLY
- INSERT THE MAIN WIRE, IF THERE ARE TWO LAYS OF INSULATED LAY IN THE MAIN CABLE, SHOULD STRIP A CERTAIN LENGTH OF THE FIRST INSULATED LAY FROM INSERTED END
- TURN THE NUT BY HAND, AND FIX THE CONNECTOR IN SUITABLE LOCATION.
- SCREW THE NUT WITH THE SLEEVE SPANNER.
- SCREW THE NUT CONTINUALLY UNTIL THE TOP PART IS CRACKED AND DROPPED DOWN





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SOLAR CONTRACTOR

CAMERON CHRISTENSEN

CERTIFIED SOLAR CONTRACTOR LICENSE NUMBER: CVC57036 MOMENTUM SOLAR 5728 MAJOR BLVD. SUITE 307, ORLANDO FL. 32819

CUSTOMER INFORMATION

CALVIN SOLOMON - MS130542 449 SW JEWEL LAKE DRIVE LAKE CITY, FL 32024 3863655615

PV SYSTEM INFORMATION

SYSTEM SIZE (DC): 4.8 KW 12 MODULES: HANWHA Q.PEAK DUO BLK ML-G10+ 400 12 INVERTERS: ENPHASE IQ8PLUS-72-2-US

PROJECT INFORMATION				
INITIAL	DATE: 6/30/2023	DESIGNER: TV		
REV:	DATE:	DESIGNER:		
REV:	DATE:	DESIGNER:		

ELECTRICAL CONT.

PV-3.1

L	WARNING SIGN(S) OR LABEL(S) SHALL COMPLY WITH NEC ARTICLE 110.21(B). LABEL WARNINGS SHALL	_ ADEQUATELY W	ARN OF THE HAZARD. LABE	LS SHALL BE PERMANENTLY AFFIXED TO THE	EQUIPMENT, AND LABELS REQUIRED SHALL BE SUITABLE FOR THE ENVIRONMENT.
(A)	AC SOLAR VOLTAGE	QUANTITY 12	LOCATION AC CONDUITS	NOTE 1 AT EVERY SEPARATION BY ENCLOSURES / WALLS / PARTITIONS / CEILINGS / FLOORS OR NO MORE THAN 10'	EXAMPLES
B	WARNING: PHOTOVOLTAIC POWER SOURCE POWER SOURCE PHOTOVOLTAIC SYSTEM EQUIPPED WITH RAPID SHUTDOWN	1	COMBINER BOX	1 AT ANY COMBINER BOX	
0	ELECTRICAL SHOCK HAZARD TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION	1	JUNCTION BOX	1 AT ANY JUNCTION BOX	
(E)	PHOTOVOLTAIC SYSTEM A AC DISCONNECT RATED AC OUTPUT CURRENT NOMINAL OPERATING AC VOLTAGE POWER TO THIS SERVICE IS ALSO SUPPLIED FROM ON-SITE SOLAR GENERATION AC SYSTEM DISCONNECT AC WARNING ELECTRICAL SHOCK HAZARD TERMINALS ON BOTH LINE AND LOAD SIDES MAY BE ENERGIZED IN THE OPEN POSITION RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM INSTALLED BY MOMENTUM SOLAR 3096 B HAMILTON BLVD S. PLAINFIELD, NJ 07080 PHONE NUMBER:732-902-6224	1	AC DISCONNECT (RSD SWITCH)	1 OF EACH AT FUSED AC DISCONNECT COMPLETE VOLTAGE AND CURRENT VALUES ON DISCONNECT LABEL	A CONTRACTOR AND A CONT
F	DUAL POWER SUPPLY SECOND SOURCE IS PHOTOVOLTAIC SYSTEM	1	UTILITY METER	1 AT UTILITY METER AND ONE DIRECTORY PLACARD	ELECTRIC SHOCK HAZARD DONOT TOUGHT TERMINALS TERMINAS TO HOTH THE NEW NO DAYS SEES SAVE ES SHORDZO IN THE OPEN POSITION MELICIAN WITH REAL TOUGHT REA
© .	EMERGENCY RESPONDER THIS SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN TURN RAPID SHUTDOWN SWITCH TO THE "OFF POSITION TO SHUT DOWN ENTIRE PV SYSTEM EMCTOR OF THE PV SYSTEM EMCTOR OF THE PV SYSTEM EMCTOR OF THE PV SYSTEM EMCTOR OF THE PV SYSTEM EMCTOR OF THE PV SYSTEM EMCTOR OF THE PV SYSTEM EMCTOR OF THE PV SYSTEM EMCTOR OF THE PV SYSTEM EMCTOR OF THE PV SYSTEM EMCTOR OF THE PV SYSTEM EMCTO	1	INTERCONNECTION POINT	1 OF EACH AT BUILDING INTERCONNECTION POINT AND ONE DIRECTORY PLACARD	CO CONTROL OF THE PARTY OF THE
Θ	POWER SOURCE OUTPUT CONNECTION. DO NOT RELOCATE THIS OVERCURRENT DEVICE NOMINAL OPERATING AC VOLTAGE: 240V NOMINAL OPERATING AC FREQUENCY: 60HZ MAXIMUM AC POWER: VA MAXIMUM AC CURRENT: A MAXIMUM OVERCURRENT DEVICE RATING FOR AC MODULE PROTECTION: 20A	1	AC CURRENT PV MODULES		ELAPOWER SUPPLY SOURCE SUPPLY







B









G BACKFEED



PRO CUSTOM SOLAR LLC D.B.A. MOMENTUM SOLAR 325 HIGH STREET, METUCHEN, NJ 08840 (732) 902-6224 MOMENTUMSOLAR.COM

PROFESSIONAL ENGINEERING

No PE86753

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CALVIN SOLOMON - MS130542 449 SW JEWEL LAKE DRIVE LAKE CITY, FL 32024 3863655615

PV SYSTEM INFORMATION

SYSTEM SIZE (DC): 4.8 KW 12 MODULES: HANWHA Q.PEAK DUO BLK ML-G10+ 400 12 INVERTERS: ENPHASE IQ8PLUS-72-2-US

PROJECT INFORMATION								
INITIAL	DATE: 6/30/2023	DESIGNER: TV						
REV:	DATE:	DESIGNER:						
REV:	DATE:	DESIGNER:						

EQUIPMENT LABELS

PV-3.2