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)	6.4 KW						
LOCATION	30.1891350,-82.7021430						

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 TABLE 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											
V _{ult}	110	115	120	130	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-1.2	ATTACHMENT DETAIL				
PV-2	PANEL LAYOUT				
PV-3	ELETRICAL				
PV-3.1	ELECTRICAL CONT.				
PV-3.2	EQUIPMENT LABELS				

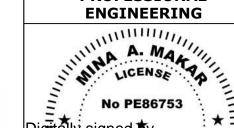


BILL OF MATERIALS	
MODULES	16
INVERTERS	16
L-FOOT ATTACHMENT W/ RT-MINI	42
171" RAILS	7
SKIRTS	0
ENPHASE COMBINER BOX	1
EATON 60A FUSIBLE AC DISCONNECT	1
35A FUSES	2
25A BACKFEED BREAKER	1



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

PROFESSIONAL



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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

JOHNNY TRAN - MS132176 586 NORTHWEST OAKMONT WAY LAKE CITY, FL 32055 6787335731

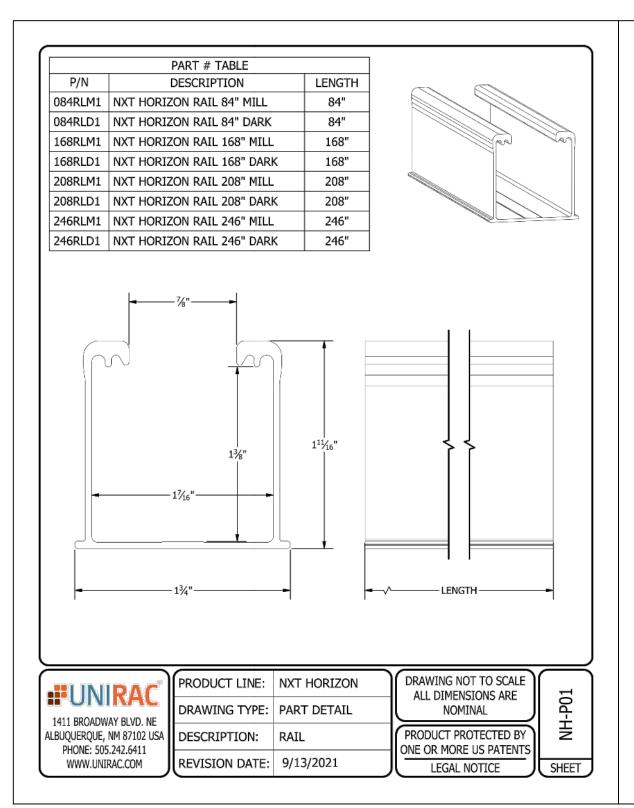
PV SYSTEM INFORMATION

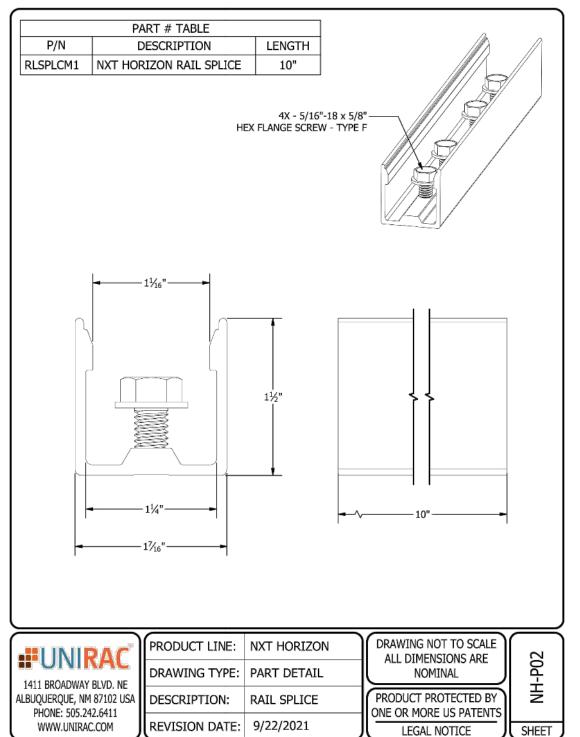
SYSTEM SIZE (DC): 6.4 KW 16 MODULES: HANWHA Q.PEAK DUO BLK ML-G10+ 400 16 INVERTERS: ENPHASE IQ8PLUS-72-2-US

PROJECT INFORMATION NITIAL DATE: 7/19/2023 DESIGNER: JT							
NITIAL	DATE: 7/19/2023	DESIGNER: JT					
EV:	DATE:	DESIGNER:					
EV:	DATE:	DESIGNER:					

COVER PAGE

PV-1







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No PE86753

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CERTIFIED SOLAR CONTRACTOR LICENSE NUMBER: CVC57036

MOMENTUM SOLAR

5728 MAJOR BLVD. SUITE 307, ORLANDO FL. 32819

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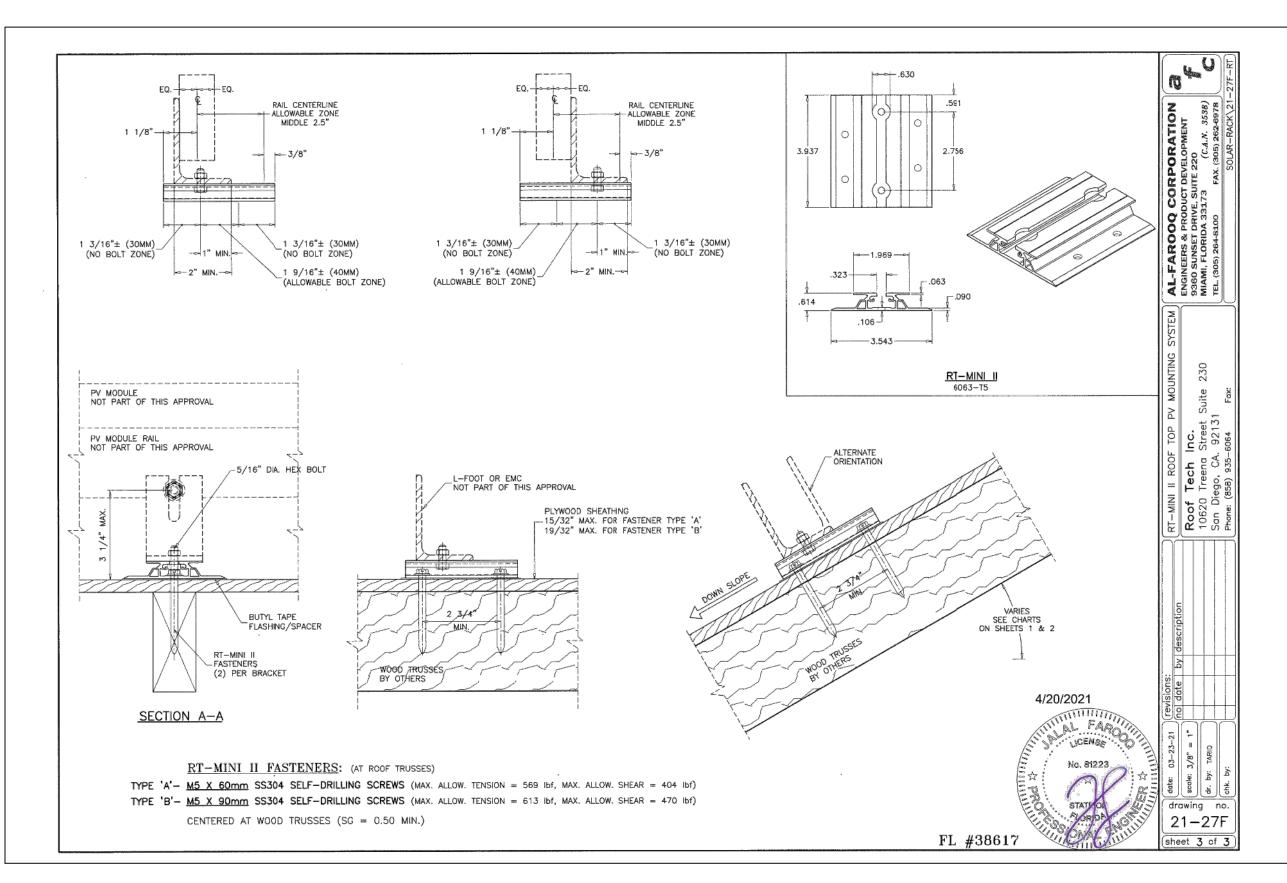
PV SYSTEM INFORMATION

SYSTEM SIZE (DC): 6.4 KW
16 MODULES: HANWHA Q.PEAK DUO BLK
ML-G10+ 400
16 INVERTERS: ENPHASE
IQ8PLUS-72-2-US

PROJECT INFORMATION INITIAL DATE: 7/19/2023 DESIGNED: IT										
INITIAL	DATE: 7/19/2023	DESIGNER: JT								
REV:	DATE:	DESIGNER:								
REV:	DATE:	DESIGNER:								

ATTACHMENT DETAIL

PV-1.1



ATTACHMENT DETAIL FOR SHINGLE ROOF



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No PE86753

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SOLAR CONTRACTOR

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

CUSTOMER INFORMATION

JOHNNY TRAN - MS132176 586 NORTHWEST OAKMONT WAY LAKE CITY, FL 32055 6787335731

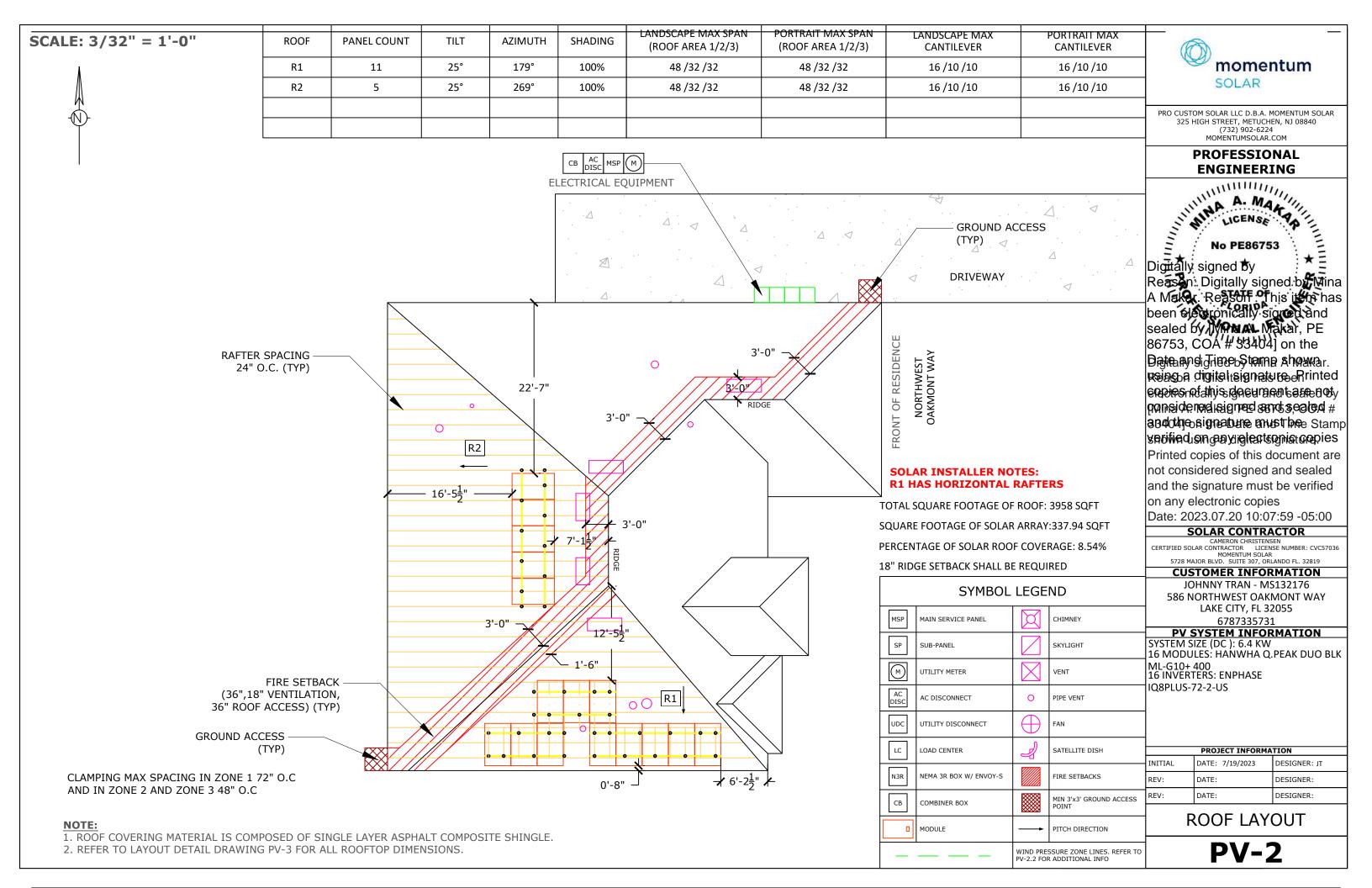
PV SYSTEM INFORMATION

SYSTEM SIZE (DC): 6.4 KW 16 MODULES: HANWHA Q.PEAK DUO BLK ML-G10+ 400 16 INVERTERS: ENPHASE IQ8PLUS-72-2-US

PROJECT INFORMATION									
INITIAL	DATE: 7/19/2023	DESIGNER: JT							
REV:	DATE:	DESIGNER:							
REV:	DATE:	DESIGNER:							

ATTACHMENT DETAIL

PV-1.2



PV MODULE RAT	INGS	INVERTER RATINGS	VOLTAGE DROP CALCULATIONS									
MODULE MAKE	HANWHA	INVERTER MAKE	ENPHASE		FORMULA USI	ED PER NEC H	ANDBOOK 215	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	9.68	1.98	52.67	2.019	0.84%	12 AWG	ĺ
MAX POWER	400W	MAX OUTPUT POWER	290W	DRANCH TO J-DOX	240.00	9.08	1.56	32.07	2.019	0.84%	12 AVVG	DE
OPEN CIRCUIT VOLTAGE	45.3V	OPEN DC VOLTAGE	60V	J-BOX TO LOAD CENTER	240.00	19.36	1.24	50.00	2.401	1.00%	10 AWG	'''
MPP VOLTAGE	37.13V	NOMINAL AC VOLTAGE	240V	LOAD CENTER TO AC							-	_
SHORT CIRCUIT CURRENT	11.14A	MAX AC CURRENT	1.21A	DISCONNECT	240.00	24.2	0.778	3.00	0.113	0.05%	08 AWG	
MPP CURRENT	10.77A	CEC INVERTER EFFICIENCY	97%	AC DISCONNECT TO INTERCONNECTION	240.00	24.2	0.778	10.00	0.377	0.16%	08 AWG	
NUMBER OF MODULES	16	NUMBER OF INVERTERS	16	INTERCONNECTION								1

SUB PANEL **BREAKER SIZE**

UL1703 COMPLIANT

_UL1703 COMPLIANT PV BREAKER # OF MODULES PER BRANCH **UP TO 16** 20A

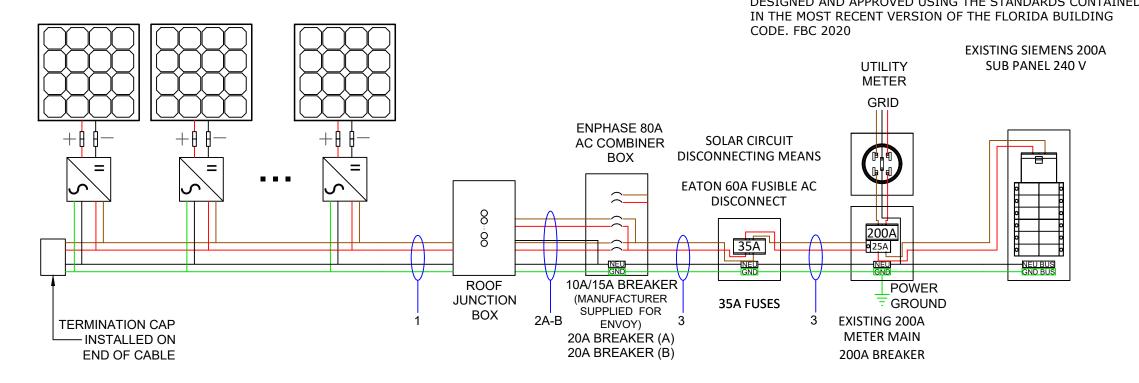
YES

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

YES

16 HANWHA Q.PEAK DUO BLK ML-G10+ 400 400W MODULES PAIRED WITH 16 ENPHASE IQ8PLUS-72-2-US MICRO-INVERTERS

BRANCH CIRCUIT A 8 MICRO-INVERTERS BRANCH CIRCUIT B 8 MICRO-INVERTERS



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

 $(1.25 \times 19.36) + 200 \le 200 \times 1.20$

(1.25 x INVERTER OUTPUT) + MAIN OCPD ≤ BUS RATING x 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

																4
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	2	12 AWG	Trunk Cable	90°C	30	0.96	1	28.80	8	1.21	1.25	12.10	12 AWG	Trunk Cable	
2A	2/4// D)/6		10 AWG	THWN-2	75°C	35	0.96	0.0	26.88	8	1.21	1.25	12.10	00 4146		INITI
2B	3/4" PVC 4	4	10 AWG	THWN-2	75°C	35	0.96	0.8	26.88	8	1.21	1.25	12.10	08 AWG	1110010 2	REV: REV:
3	3/4" PVC	3 + G	08 AWG	THWN-2	75°C	50	0.96	1	48.00	16	1.21	1.25	24.20	08 AWG	THWN-2	Т
																<u></u>

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



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PROFESSIONAL ENGINEERING

No PE86753

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SOLAR CONTRACTOR

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

CUSTOMER INFORMATION

JOHNNY TRAN - MS132176 586 NORTHWEST OAKMONT WAY LAKE CITY, FL 32055 6787335731

PV SYSTEM INFORMATION

SYSTEM SIZE (DC): 6.4 KW 16 MODULES: HANWHA Q.PEAK DUO BLK ML-G10+ 400 16 INVERTERS: ENPHASE IQ8PLUS-72-2-US

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.

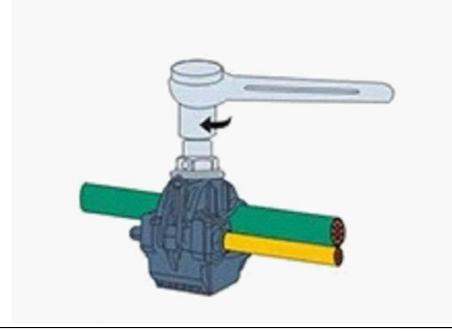
TABLE 1:

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:

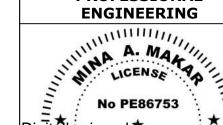
- 1. ADJUST THE CONNECTOR NUT TO SUITABLE LOCATION
- PUT THE BRANCH WIRE INTO THE CAP SHEATH FULLY
- INSERT THE MAIN WIRE, IF THERE ARE TWO LAYS OF INSULATED LAY IN THE MAIN CABLE, SHOULD STRIP A CERTAIN LENGTH OF THE FIRST INSULATED LAY FROM INSERTED END
- TURN THE NUT BY HAND, AND FIX THE CONNECTOR 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

JOHNNY TRAN - MS132176 586 NORTHWEST OAKMONT WAY LAKE CITY, FL 32055 6787335731

PV SYSTEM INFORMATION

SYSTEM SIZE (DC): 6.4 KW 16 MODULES: HANWHA Q.PEAK DUO BLK ML-G10+ 400 16 INVERTERS: ENPHASE IQ8PLUS-72-2-US

PROJECT INFORMATION				
INITIAL	DATE: 7/19/2023	DESIGNER: JT		
REV:	DATE:	DESIGNER:		
REV:	DATE:	DESIGNER:		

ELECTRICAL CONT.

PV-3.1

ALL	WARNING SIGN(S) OR LABEL(S) SHALL COMPLY WITH NEC ARTICLE 110.21(B). LABEL WARNINGS SHAL	L ADEQUATELY W	ARN OF THE HAZARD. LABE	LS SHALL BE PERMANENTLY AFFIXED TO THE	EQUIPMENT, AND LABELS REQUIRED SHALL BE SUITABLE FOR THE ENVIRONMENT.
TAG	LABEL	QUANTITY	LOCATION	NOTE	EXAMPLES
A	AC SOLAR VOLTAGE	12	AC CONDUITS	1 AT EVERY SEPARATION BY ENCLOSURES / WALLS / PARTITIONS / CEILINGS / FLOORS OR NO MORE THAN 10'	
B	WARNING: PHOTOVOLTAIC POWER SOURCE PHOTOVOLTAIC SYSTEM EQUIPPED WITH RAPID SHUTDOWN	1	COMBINER BOX	1 AT ANY COMBINER BOX	
©	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	© CONTROL OF THE PARTY OF THE
F	DUAL POWER SUPPLY SECOND SOURCE IS PHOTOVOLTAIC SYSTEM	1	UTILITY METER	1 AT UTILITY METER AND ONE DIRECTORY PLACARD	A WARNING A ELECTRIC SHOOK HAZAND DO NOT TOUCH TERMINALS TERMINAS OR BOTH THE LIVE NO LOOS OSES WAS TE SHEROZOD IN THE OPEN POSITION AND ADDRESS WAS TERMINADED ADDRESS AND TERMINADED
(G)	EMERGENCY RESPONDER THIS SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN TURN RAPID SHUTDOWN SWITCH TO THE "OFF" POSITION TO SHUT DOWN ENTIRE PV SYSTEM AND SHUTDOWN SHITCH IS ROPE SHUTDOWN SHITCH IS ROPE SHUTDOWN SHITCH IS ROPEATED AND SHUTDOWN SHITCH IS ROPEATED SHUTDOWN SHITCH IS R	1	INTERCONNECTION POINT	4.05 54.011.47 81.11 81.110	CO CONTROL OF THE PROPERTY OF
	POWER SOURCE OUTPUT CONNECTION. DO NOT RELOCATE THIS OVERCURRENT DEVICE	1	BACKFEED PANEL	1 OF EACH AT BUILDING INTERCONNECTION POINT AND ONE DIRECTORY PLACARD	1-230-ce (2237 20) 5-1 35-1 829 20 21 20 2237 20 F 15/28 20 12 20 20 20 20 20 E 15/28 20 12 20 2
\oplus	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		DUAL POWER SUPPLY SEX MARKS LIFLATY CIRCUPACT RY COURSE ELECTRIC SYSTEM F











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

CUSTOMER INFORMATION

JOHNNY TRAN - MS132176 586 NORTHWEST OAKMONT WAY LAKE CITY, FL 32055 6787335731

PV SYSTEM INFORMATION

SYSTEM SIZE (DC): 6.4 KW 16 MODULES: HANWHA Q.PEAK DUO BLK ML-G10+ 400 16 INVERTERS: ENPHASE IQ8PLUS-72-2-US

PROJECT INFORMATION							
INITIAL DATE: 7/19/2023		DESIGNER: JT					
REV:	DATE:	DESIGNER:					
REV: DATE:		DESIGNER:					

EQUIPMENT LABELS

PV-3.2