

Development Services Center 178 Sams Street Decatur, GA 30030 www.dekalbcountyga.gov/planning 404-371-2155 (o); 404-371-4556 (f)

Chief Executive Officer
Michael Thurmond

### **DEPARTMENT OF PLANNING & SUSTAINABILITY**

Interim Director Cedric Hudson

### **Application for Certificate of Appropriateness**

Date submitted: 10/14/24	_	Date Rece	ived:			
Address of Subject Property: 1722	Coventry Rd	Decatu	r, Ga 30030			
Applicant: Gaines Moore			E-Mail:	gaines@b	ettertomorrow	solar.com
Applicant Mailing Address: 1074						
Applicant Phone: 404-398-284	40		-			
Applicant's relationship to the owner:	Owner	Archite	ect Contra	actor/Builder	X Other	
*********	*********	*******	********	******	**********	****
Owner(s): Marion Carter			Email:mwcarte	er@fastma	il.com	
Owner(s):			Email:			
Owner(s) Mailing Address: 1722	Coventry Rd	Decatur	r, Ga 30030			
Owner(s) Telephone Number: 40	4-825-6101					
Approximate date of construction of t	he primary structu	re on the p	property and any oth	er structures a	ffected by this projec	t:
Nature of work (check all that apply):	New construction		New Accessory Buildi	ng 🔲	Other Building Chang	ges 🔲
	Demolition		Landscaping		Other Environmental	Changes
	Addition		Fence/Wall		Other	$\boxtimes$
Description of Work:	Moving a Building		Sign Installation			Solar Panels
Installation of rooftop sola	r system					

This form must be completed in its entirety and be accompanied by supporting documents, such as plans, list of materials, color samples, photographs, etc. All documents should be in PDF format, except for photographs, which may be in JPEG format. Email the application and supporting material to <a href="mailto:plansustain@dekalbcountyga.gov">plansustain@dekalbcountyga.gov</a> and <a href="mailto:pvjennings@dekalbcountyga.gov">pvjennings@dekalbcountyga.gov</a>. An incomplete application will not be accepted.

Signature of Applicant: \_



### **DEPARTMENT OF PLANNING & SUSTAINABILITY**

### Authorization of a Second Party to Apply for a Certificate of Appropriateness

This form is required if the individual making the request is **not** the owner of the property.

I/ We: Marion Carter
being owner(s) of the property at:1722 Coventry Rd Decatur, Ga 30033
hereby delegate authority to: Gaines Moore
to file an application for a certificate of appropriateness in my/our behalf.
$\mathcal{M} - \mathcal{O} +$
Signature of Owner(s):
Date:

### Please review the following information

Approval of this Certificate of Appropriateness does not release the recipient from compliance with all other pertinent county, state, and federal regulations.

Before making any changes to your approved plans, contact the preservation planner (404/371- 2155). Some changes may fall within the scope of the existing approval, but others will require review by the preservation commission. If work is performed which is not in accordance with your certificate, a Stop Work Order may be issued.

If your project requires that the county issue a Certificate of Occupancy at the end of construction, an inspection may be made to verify that the work has been completed in accord with the Certificate of Appropriateness. If the work as completed is not the same as that approved in the Certificate of Appropriateness you will not receive a Certificate of Occupancy. You may also be subject to other penalties including fines and/or required demolition of the non-conforming work.

If you do not commence construction within twelve months of the date of approval, your Certificate of Appropriateness will become void and you will need to apply for a new certificate if you still intend to do the work.

# PHOTOVOLTAIC ROOF MOUNT SYSTEM

16 MODULES-ROOF MOUNTED - 6.400 kW DC, 7.600 kW AC 1722 COVENTRY RD, DECATUR GA 30030, USA

SETTER TOMORROW

SOLAR 074 Memorial Dr SE, Manta, GA

CONTRACTOR

SHEET INDEX

PV 0.0: PV 1.0: PV 1.1: PV 1.2: PV 1.3: PV 1.4: PV 1.5:

PV1.6:

# PHOTOVOLTAIC SYSTEM SPECIFICATIONS:

(16) Q CELL Q PEAK DUO BLK ML-G10+ (400W) MODULES (L/W/H) 74.0"/41.1"/1.26" 7.600 kW AC MODULE TYPE & AMOUNT: MODULE DIMENSIONS:

(16) TIGO: TS4-A-F MODULE-LEVEL RAPID SHUTDOWN (1) EP CUBE HYBRID INVERTER **NVERTER:** 

INTERCONNECTION METHOD: BACKFEED BREAKER RAPID SHUTDOWN

EP CUBE HYBRID NA510G BATTERY (9.9kwh) BATTERY: SMART GATEWAY:

(1) EP CUBE: SMART GATEWAY

# **GOVERNING CODES**

ALL WORK SHALL CONFORM TO THE FOLLOWING CODES

INTERNATIONAL ENERGY CONSERVATION CODE 2015 (IECC 2015), INTERNATIONAL BUILDING CODE 2018 (IBC 2018), INTERNATIONAL RESIDENTIAL CODE 2018 (IRC 2018), INTERNATIONAL FIRE CODE 2018 (IFC 2018), VATIONAL ELECTRICAL CODE, 2020,



SATELLITE VIEW <del>-</del>

# ALL COMPONENTS ARE UL LISTED AND NEC CERTIFIED, WHERE WARRANTED.

- THE SOLAR PV SYSTEM WILL BE INSTALLED IN ACCORDANCE WITH ARTICLE 690 OF THE NEC 2020.
- THE UTILITY INTERCONNECTION APPLICATION MUST BE APPROVED AND PV SYSTEM INSPECTED PRIOR TO PARALLEL OPERATION.
- ALL CONDUCTORS OF A CIRCUIT, INCLUDING THE EGC, MUST BE INSTALLED IN THE SAME RACEWAY, OR CABLE, OR OTHERWISE RUN WITH THE PV ARRAY
- WHERE METALLIC CONDUIT CONTAINING DC CONDUCTORS IS USED INSIDE THE BUILDING, IT SHALL BE IDENTIFIED AS "CAUTION: SOLAR CIRCUIT" EVERY
- HEIGHT OF THE AC DISCONNECT SHALL NOT EXCEED 6'7" PER NEC CODE 240.24
- A GROUNDING ELECTRODE SYSTEM IN ACCORDANCE WITH NEC 2020 590.47 AND 250.50 THROUGH 60 AND 250.166 SHALL BE PROVIDED. PER NEC GROUNDING ELECTRODE SYSTEM OF EXSTING SYSTEM IS INACCESSIBLE OR NADEOLUTE A SUPPLEMENTAL GROUNDING ELECTRODE MILL BE USED ATTHE INVERTIFE LOCATION CONSISTING OF A ULLISTED 8 FT GROUND ROD WITH ACORN CLAMP. GROUNDING ELECTRODE CONDUCTIONS SHALL BE NO LESS THAN #8 AWG AND NO LARGER THAN #6 AWG COPPER AND BONDED TO THE EXISTING GROUNDING ELECTRODE CONDUCTIONS SHALL BE NO LESS THAN #8 AWG AND NO LARGER THAN #6 AWG COPPER AND BONDED TO THE EXISTING GROUNDING ELECTRODE TO PROVIDE FOR A COMPLETE SYSTEM.
- PHOTOVOLTAIC MODULES ARE TO BE CONSIDERED NON-COMBUSTIBLE.
- PHOTOVOLTAIC INSTALLATION WILL NOT OBSTRUCT ANY PLUMBING, MECHANICAL, OR BUILDING ROOF VENTS.
- ALL WIRNG MUST BE PROPERLY SUPPORTED BY DEVICES OR MECHANICAL MEANS DESIGNED AND LISTED FOR SUCH USE. WIRNIO MUST BE PERMANIENTLY AND COMPLETELY HELD OFF THE ROOF SURFACE. 6
- ALL SIGNAGE TO BE PLACED IN ACCORDANCE WITH THE LOCAL BUILDING CODE. IF EXPOSED TO SUNLIGHT, IT SHALL BE UV RESISTANT, ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS RECURRED BY THE NEC AND AHJ.
- THE INSTALLATION OF EQUIPMENT AND ALL ASSOCIATED WIRING AND INTERCONNECTION SHALL BE PERFORMED ONLY BY QUALIFIED PERSONS (NEC
- ALL OUTDOOR EQUIPMENT SHALL BE NEMA 3R RATED (OR BETTER), INCLUDING ALL ROOF MOUNTED TRANSITION BOXES AND SWITCHES.

APN #: 1800405024

DECATUR GA 30030, USA

- ALL EQUIPMENT SHALL BE PROPERLY GROUNDED AND BONDED IN ACCORDANCE WITH NEC ARTICLE 250. ñ
- SYSTEM GROUNDING SHALL BE IN ACCORDANCE WITH NEC 690.41
- PV SYSTEM CIRCUITS INSTALLED ON OR IN BUILDINGS SHALL INCLUDE A RAPID SHUTDOWN FUNCTION IN ACCORDANCE WITH NEC 690.12 7
- DISCONNECTING MEANS SHALL BELOCATED IN A VISIBLE, READILY ACCESSIBLE LOCATION WITHIN THE PV SYSTEM EQUIPMENT OR A MAXIMUM OF 10 FEET ANVAY FROM THE SYSTEM [NEC 680.13(A)] <u>∞</u>
- ALL WIRING METHODS SHALL BE IN ACCORDANCE WITH NEC 690.31
- WORK CLEARANCES AROUND ELECTRICAL EQUIPMENT WILL BE MAINTAINED PER NEC 110 26(A)(1), 110 26(A)(2) AND 110 26(A)(3).
- ROOFTOP MOUNTED PHOTOVOLTAIC PANELS AND MODULES SHALL BE TESTED, LISTED & IDENTIFIED IN ACCORDANCE WITH UL1703
- ELECTRICAL CONTRACTOR TO PROVIDE CONDUIT EXPANSION JOINTS AND ANCHOR CONDUIT RUNS AS REQUIRED PER NEC. 22

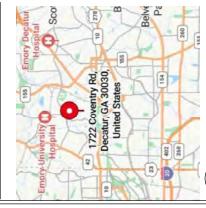
THE ENCHARGE BATTERY AS PART OF THE ENSEMBLE SYSTEM DOES NOT EXPORT POWER TO THE GRID IN ANY STORAGE MODE.

23.

- IN ACCORDANCE WITH 2021 IFC 1205.5, 2018 IFC 1204.4, AND 2015 IFC 805.11.2 A CLEAR, BRUSH FREE AREA OF 10 FEET(3048 MM) SHALL BE REQUIRED FOR GROUND-MOUNTED PHOTOVOL TAIC ARRAYS.
- PANEL LAYOUT ORBENTATION IS SUBJECT TO CHANGE ON DESIGNED MOUNTING PLANES.
  ALL PERMANENTLY INFALLED LUMBANSES, EXCLUDIOMENSIES, ENVILLANDE SINGLIC LANDEN AND EFFICIENCY OF AT LEAST 45 LUMENS-PER-MATT
  ORS SHALL UTILIZE LANDEN WITH AN EFFICIENCY OF NOT LESS THAT 61 LUMBINS-PER-MATT.

### Project Name & Address 1722 COVENTRY RD MARION CARTER RESIDENCE mory Decatu COVER SHEET PLOT PLAN WITH ROOF PLAN ROOF PLAN WITH MODULES EQUIPMENT SPEC SHEET ATTACHMENT DETAIL ATTACHMENT DETAIL ATTACHMENT DETAIL WIRE CALCULATION STRING LAYOUT 3-LINE DIAGRAM

SIGNATURE



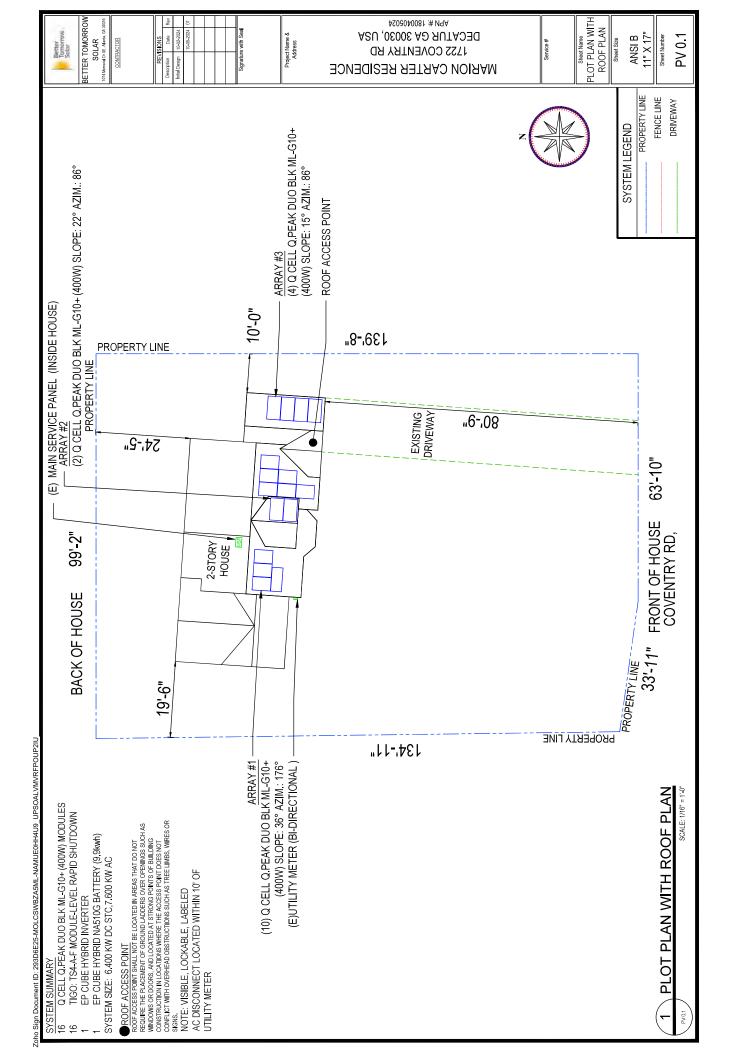
**SOVER SHEE** 

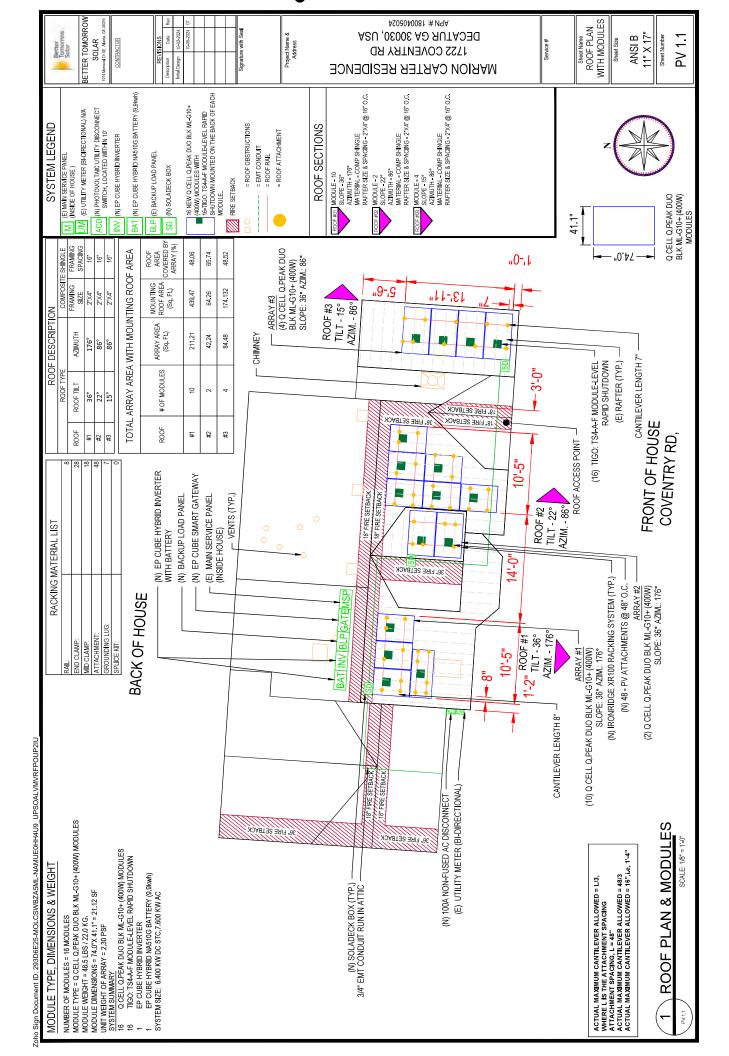
SCALE: NTS VICINITY MAP ้ঝ PV 0.0

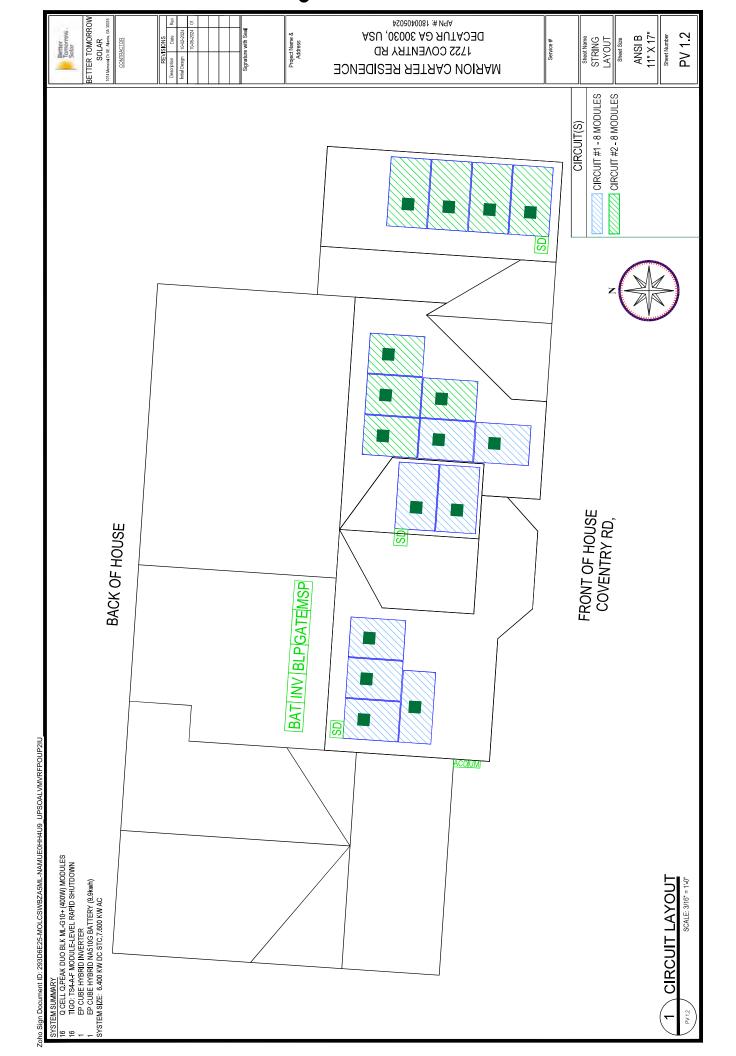
PV 0.0

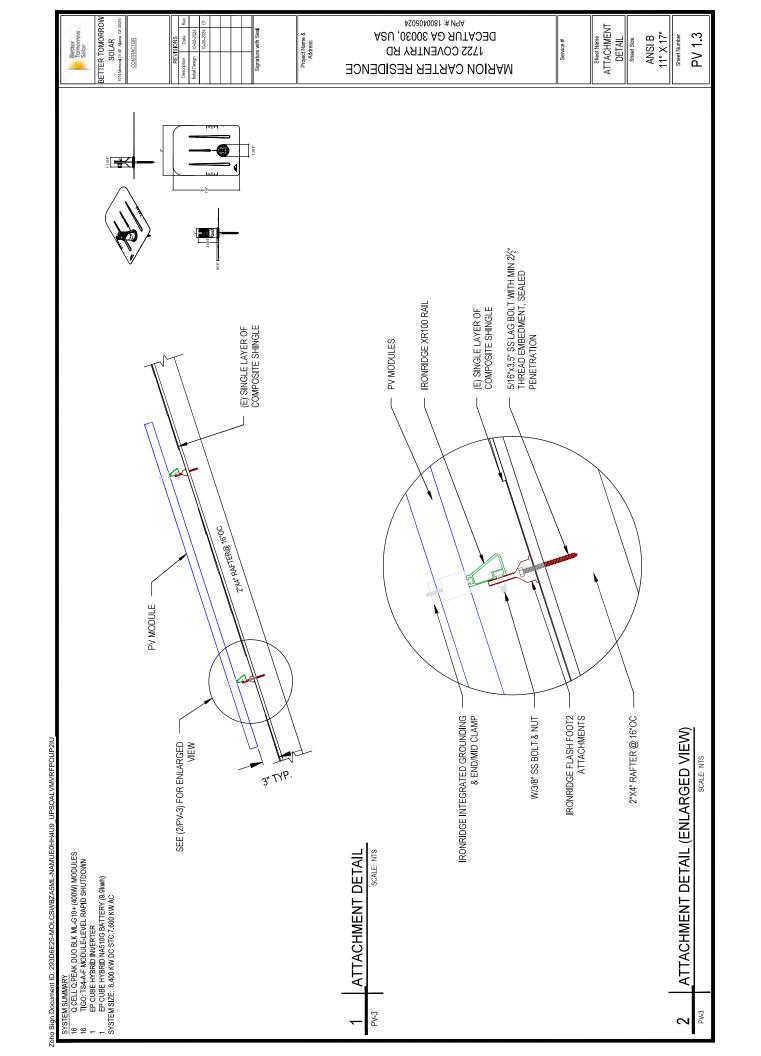
11" X 17"

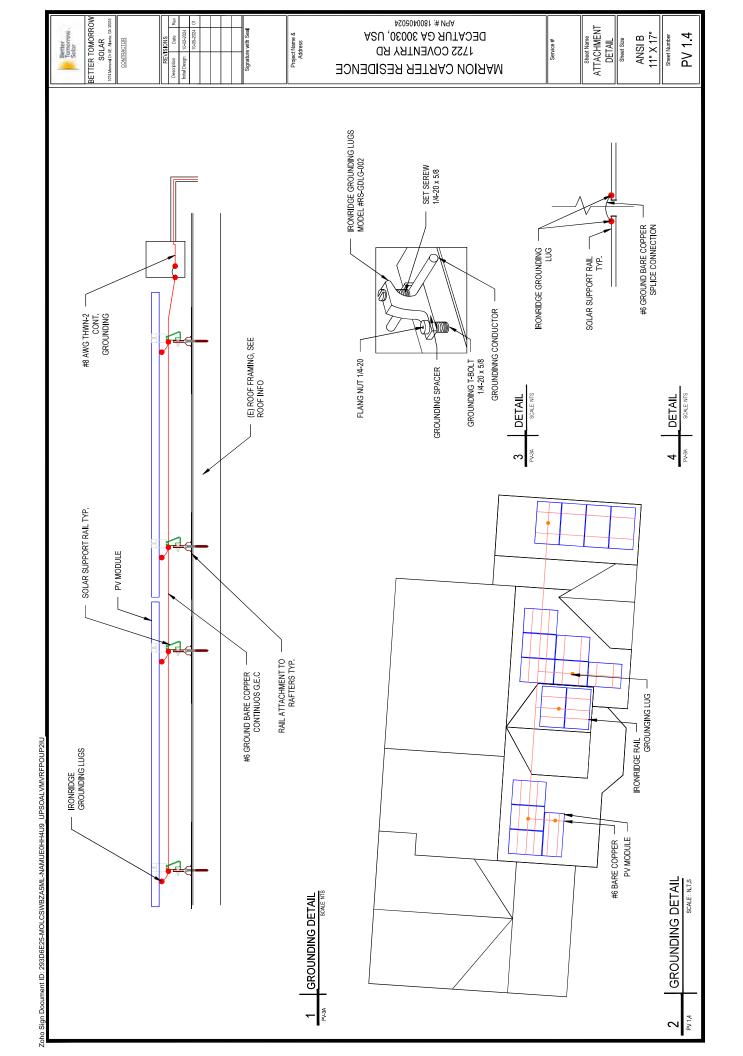
ANSI B

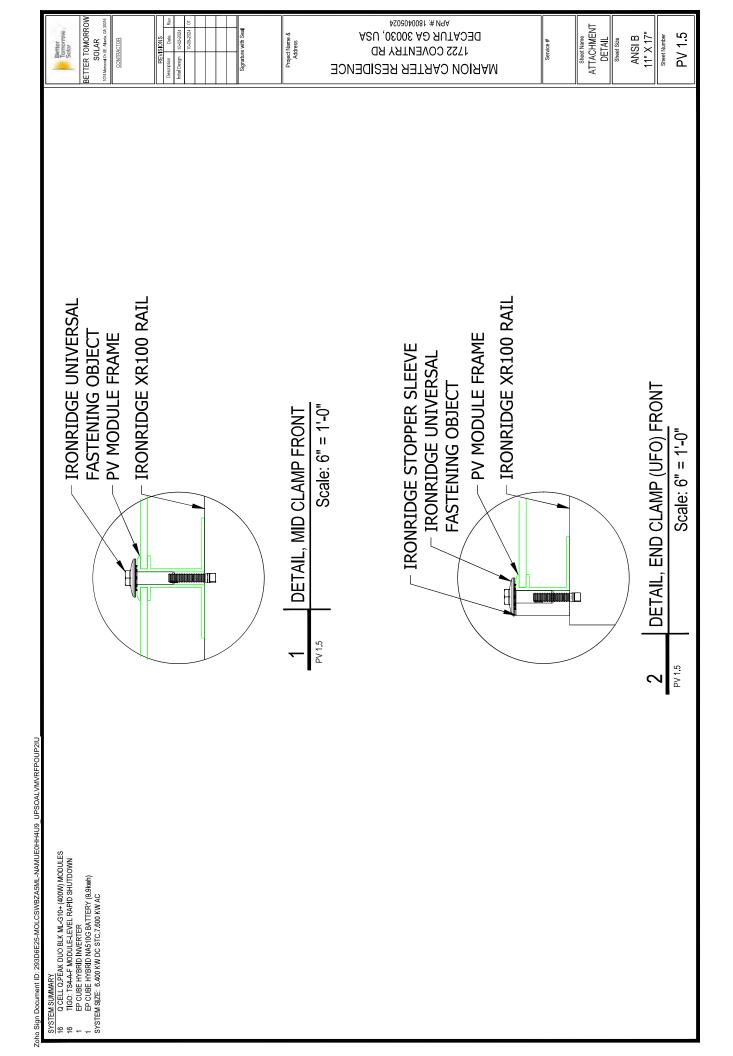












Zoho Sign Document ID: 293D6E25-MOLCSWBZA5ML-NAMUE0HH4U9\_UPSOALVMVRFPOUP2IU\_

# MODULE TYPE, DIMENSIONS & WEIGHT

NUMBER OF MODULES = 16 MODULES
MODULE TYPE = Q.CELL Q.PEAK DUO BLK ML-G10+ (400W) MODULES
MODULE WEIGHT = 48.5 LBS / 122 KG.
MODULE DIMENSIONS = 7.407 x 41; "= 21.12 SF
UNIT WEIGHT OF ARRAY = 2.30 PSF

SYSTEM SUMMARY

16 QCELL Q.PEAK DUO BLK ML-G10+ (400W) MODULES

16 TIGO: TS4A-F MODULE-LEVEL RAPID SHUTDOWN

1 EP CUBE HYBRID INVERTER

1 PC OUBE HYBRID INAFORE BATTERY (9.9kwh)

SYSTEM SIZE: 6.400 KW DC STC,7.600 KW AC

# OF MATERIALS

		BILL OF MATERIALS
EQUIPMENT	QTY	DESCRIPTION
SOLAR PV MODULE	16	Q CELL Q.PEAK DUO BLK ML-G10+ (400W) MODULES
INVERTER	-	EP CUBE HYBRID INVERTER
RAPID SHUTDOWN	16	TIGO: TS4-A-F MODULE-LEVEL RAPID SHUTDOWN
ВАТТЕКУ	1	EP CUBE HYBRID NA510G BATTERY (9.9kwh)
SOLADECK	3	SOLADECK
AC DISCONNECT	1	100A NON-FUSED AC DISCONNECT 240A UL LISTED
ATTACHMENTS	48	FALSHFOOT 2 PV ATTACHMENTS [FF2-01-B1]
RAILS	8	IRONRIDGE XR100 RAIL-168" SECTION
RAIL SPLICE	0	SPLICE KIT
MID CLAMPS	18	MID CLAMPS / UFO
END CLAMPS	28	END CLAMPS / STOPPER SLEEVE
GROUNDING LUG	7	GROUNDING LUG

DISCLAIMER: MATERIALS REQUIRED LIST FOR CONCEPTUAL USE ONLY THE INTENT IS TO AID CONTRACTOR FOR ORDERING REQUIRED MATERIALS FOR THE PROJECT. CONTRACTOR RESPONSIBLE TO VERIFY PRIOR TO SOLAR EQUIPMENT ORDERING

Better Tomorrow Solar	ETTER TOMORROW SOLAR 774Memorial Dr SE, Mismis, GA 30316	CONTRACTOR
	ET 074N	

Project Name & Address

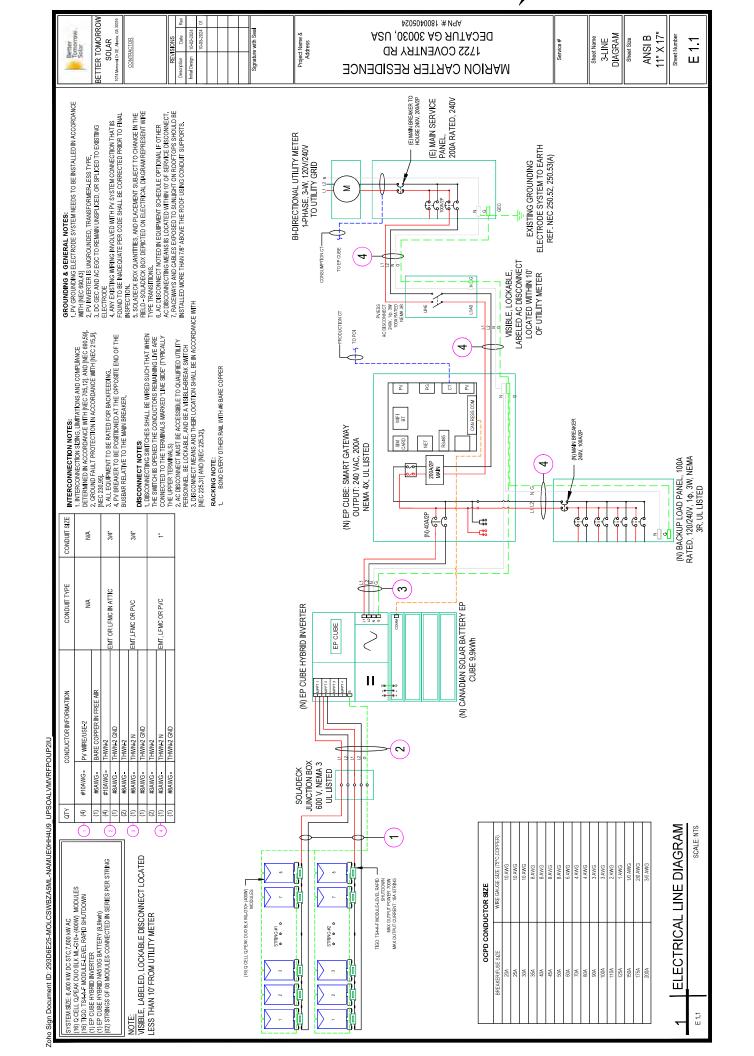
42020405024 DECATUR GA 30030, USA 1722 COVENTRY RD

MARION CARTER RESIDENCE

EQUIPMENT SPECIFICATION

ANSI B 11" X 17"

**BOM1.1** 



ULSOALVINIVALTOURZIO	3	Kooftop conductor ampacities designed in cor	
IOLCSWBZASINIL-INAINIUEUFIA		JG @ STC	OPPLY NOT IN YILL OLD CAROLAN
ZUIO SIGII DOCUIIIEIILID. ZSSDOEZS-INOECSWBZASINE-INAINOEOHH409_OFSOAEVIIIVAFFOOFZIO		PV MODULE RATING @ STC	d L d i L d

AATING @ STC OCELL OPEAK DUO BLK ML-C  )  9  44	The control of the co	lables 310, 13(b)(z)(d), 310, 13(b)(3)(d), 31   Chanter 9 Table 4 5 & 9   ocation specific	ASHRAE 2017 data tables		RECORD LOW TEMP	TOO TO TOWN	AMBIENT TEMP (HIGH TEMP 2%)	/ moreign remit (morriem 279)	THOUSE THE PROPERTY OF THE PRO	CONDUIT RETORN	Chilt dot 1000	KOUF TOP TEMP	CONDUCTOR LEMPERATURE RATE
PV MODULE FRATII MAX, POWER-PONT CURRENT (MP) MAX, POWER-PONT VOLTAGE (MP) OPEN-CIRCUIT VOLTAGE (MP) SHORT-CIRCUIT VOLTAGE (MP) SHORT-CIRCUIT OURRENT (BC) MAX, SPRES FUSE (COPD) MAX, SYSTEM VOLTAGE NOCTEMBED TO THE POWER AT STO (PMAX)	NG @ STC	Q CELL Q PEAK DUO BLK ML-G10+ (400W)	10.77 AMPS	37.13 VOLTS	45.30 VOLTS	000000000000000000000000000000000000000	11.14 AMPS	odity oc	ZU AMPS	STTAMOON		10001	-0.27° %/°C
	PV MODULE RATI	MANUFACTURER	MAX. POWER-POINT CURRENT (IMP)	MAX. POWER-POINT VOLTAGE (VMP)	OPEN-CIRCUIT VOLTAGE (VOC)	CONTINUED TO THE COLOR	SHURI-URCUII CURRENI (ISC.)	MAY CEDIES CLICE (OCOD)	MAA. SEINES LOSE (OCLD)	NOM MAX POWER AT STC (PMAX)	(com ) = 10 miles   10	MAX. SYSTEM VOLTAGE	VOC TEMPERATURE COEFFICIENT

	NUMBER OF CURRENT	CARRYING CONDUCTORS IN CONDUIT		4-6	6-2	-	10-20				
		PERCENT OF VALUES	6	.80	02		.50				
	INVERTER SPECIFICATIONS	EP CUBE HYBRID INVERTER		7 600 KW	340 1/40	OUA 04.7	400	A0.10		20.6A	
	INVERTERS	MANUFACTURER / MODEL #		AC POWER(PV+ BATTERY)			Ħ	SUN)	ON/THE CLITTLE CINEDENT/NO		
٥٥٥	0.0	from I					စီာ	ŝ	3	.2.0	.85 28°

BETTER TOMORROW

SOLAR orialDr SE, Mlanta, GA 3

CONTRACTOR

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														CONDUIT	ЫЦ (%)	#N/A	#N/A	30.61914	
														CONDUIT	SIZE	N/A	N/A	3/4" EMT 30.61914	
	ENT	ORS IN												CONDUCTOR VOLTAGE CONDUIT CONDUIT	DROP AT FLA (%)	0.236	0.229	0.310	Drop 0.546 Drop 0.539
	NUMBER OF CURRENT	CARRYING CONDUCTORS IN	CONDUIT	4-6	6.2	10-20								CONDUCTOR VOLTAGE	(OHM/KFT)	1.24	1.24	1.24	String 1 Voltage Drop String 2 Voltage Drop
	NUMBI	CARRYIN												FEEDER	(FEET)	38	37	20	
			LUES											AMPACITY	CHECK #2	PASS	PASS	PASS	
			PERCENT OF VALUES	08.	07.	.50								90°C AMPACITY	DERATED (A)	36.4	36.4	29.12	
														DERATION FACTOR FOR CONDUCTORS	PER RACEWAY NEC 310.15(B)(3)(a)	1	1	8.0	
	SNOI	CTTCT/VIA CICCX	EP CODE NIBRIO INVENIER											DERATION FACTOR DERATION FACTOR FOR AMBIENT FOR CONDUCTORS		0.91	0.91	16:0	
	INVERTER SPECIFICATIONS	10100	1900	7.600 KW	240 VAC	L 34.6A	5	20.6A						2,06	AMPACITY (A)	40	40	40	
	INVERT	# 1200	# Tago	TERY)	OLTAGE	URRENT(FUL	CINE	OKKENI (NO					SNC	TOTAL CC CONDUCT	ORS IN RACEWAY	2	2	9	
		M, GTGLTOAT	MANOFACIORER / MODEL #	AC POWER(PV+ BATTERY)	NOMINAL OUTPUT VOLTAGE	NOMINAL OUTPUT CURRENT(FULL	O THISTING IN	NOMINAL COLIFOT CORRENT(NO					DC FEEDER CALCULATIONS	AMBIENT	TEMP. (*C)	36	36	36	
	L			AC PC	$\perp$	_	(NDS				_		DC FEED	AMPACITY	CHECK #1	PASS	PASS	PASS	
Signed with art 600 8	210 15/07/16	(b)(s)(c), 310.13(b)(10 nerature obtained from				) D	36°	0.5		.88	°06			75°C	AMPACITY (A)	35	35	35	
in compliance wii	out of the second	a), 310.13(b)(3)(c), secific temnerature													CONDUCTOR SIZE	CU #10 AWG	CU #10 AWG	CU #10 AWG	
Pooffon conductor amos discipled decided in compa	Notice to inductor an pactices designed in compilarice with air, 030.0, Tables 240 45/DV/2V/2), 240 45/DV/2V/2)	Tables 510 13(b)(z)(d), 510 13(b)(5)(d), 510 13( Chapter 9 Table 4 .5 .8 9 Location specific temr	ASHRAE 2017 data tables		9	EMP	AMBIENT TEMP (HIGH TEMP 2%)	ļ		а.	CONDUCTOR TEMPERATURE RATE				GROUND SIZE	BARE COPPER #6 AWG	BARE COPPER #6 AWG	CU #8 AWG	
onbuon uc	210 1E/I	or 9 Tahle	AE 2017		100	KECOKD LOW LEMP	ENT TEMP	CONDUIT HEIGHT		ROOF TOP TEMP	DUCTOR TE			OCPD	SIZE (A)	20	20	20	
- Boof	JOON T				_	ᆜ	_	_	_	ᆜ		1		FIA*1.25	ર્	18.75	18.75	18.75	
		Q CELL Q PEAK DUO BLK ML-G10+ (400W)	10.77 AMPS	37.13 VOLTS	45.30 VOLTS	44 44 44100	11.14 AMP	20 AMPS	400 WATTS	1000V	0.27° %"C			VOLTAGE FULL LOAD FLA*1.25 OCPD	AMPS "FLA" (A)	15.00	15.00	15.00	
		AK DUO BLK												VOLTAGE	ŝ	009	009	009	
	PV MODULE RATING @ STC	Q CELL Q.PE	T (IMP)	E (VMP)	0		(20)		MAX)		HENT	_			CIRCIUT DESTINATION	JUNCTION BOX	JUNCTION BOX	INVERTER	
	PV MODL	ACTURER	WER-POINT CURRENT (IMP)	WER-POINT VOLTAGE (VMP)	RCUIT VOLTAGE (VOC)	CIDCLIFF CLIDDENT /ICC	CINCOII CONNEINI (IC	EKIES FUSE (OCPU)	AX. POWER AT STC (PMAX)	STEM VOLTAGE	MPERATURE COEFFICIENT				RCUIT ORGIN	STRING I	STRING 2	UNCTION 30X	

					_	
	CONDUIT FILL (%)	27.4672	38.0208	38.0208	38.0208	
	AGE CONDUIT CO	3/4" EMT	1" EMT	1" EMT	1" EMT	_
	VOLTAGE DROP AT FLA (%)	0.102	0.102	0.102	0.388	96970
	CONDUCTOR VOLTAGE C RESISTANCE DROP AT (OHM/KFT) FLA (%)	0.778	0.245	0.245	0.245	CUMULATIVE VOLTAGE 0.695
	FEEDER LENGTH (FEET)	S	S	2	19	S
	AMPACITY CHECK #2	PASS	PASS	PASS	PASS	
	90°C AMPACITY DERATED (A)	50.05	104.65	104.65	104.65	
	DERATION FACTOR FOR AMBIENT FOR CONDUCTORS TEMPERATURE NEC 310.15(8)(2)(a) 310.15(8)(3)(a)	1	1	1	1	
	DERATION FACTOR   DERATION FACTOR   90°C	0.91	0.91	0.91	0.91	
	TOTAL CC CONDUCTORS 90°C AMPACITY (A) T	55	115	115	115	
	TOTAL CC CONDUCTORS IN RACEWAY	2	2	2	2	
ULATIONS	AMPACITY AMBIENT CHECK #1 TEMP. (*C)	36	36	36	36	
AC FEEDER CALCULATIONS	AMPACITY CHECK #1	PASS	PASS	PASS	PASS	
ACF	75°C AMPACITY (A)	90	100	100	100	
	CONDUCTOR	CU #8 AWG	CU #3 AWG	CU #3 AWG	CU #3 AWG	
	GROUND SIZE	CU #8 AWG	CU #8 AWG	CU #8 AWG	CU #8 AWG	
	NEUTRAL SIZE	CU #8 AWG	CU #3 AWG	CU #3 AWG	CU #3 AWG	
	OCPD SIZE (A)	40	100	100	100	
	FLA*1.25 (A)	39.5	100	100	100	
	FULL LOAD AMPS "FLA" (A)	31.6	100	100	100	
	VOLTAGE (V)	240	240	240	240	
	CIRCIUT DESTINATION VOLTAGE AMPS**TIA* (A) SIZE (A) NEUTRAL SIZE GROUND SIZE GROUND SIZE	GATEWAY	BACKUP LOAD PANEL	AC DISCONNECT	MSP	
	CIRCUIT ORIGIN	INVERTER	GATEWAY	BACKUP LOAD PANEL	AC DISCONNECT	
_						

APN # 1800405024

DECATUR GA 30030, USA

1722 COVENTRY RD MARION CARTER RESIDENCE

Project Name & Address

- ALL EQUIPMENT TO BE LISTED BY UL OR OTHER NRTL, AND LABELED FOR ITS APPLICATION.
  ALL CONDUCTORS SHALL BE COPPER, RATED FOR 800 V AND 90 DEGREE C WET ENVIRONMENT.
  WIRING, CONDUIT, AND RACEWAYS MOUNTED ON ROOFTOPS SHALL BE ROUTED DIRECTLY TO, AND LOCATED AS CLOSE AS POSSIBLE TO THE NEAREST RIDGE, HIP, OR VALLEY.

- WORKING CLEARANCES AROUND ALL NEW AND EXISTING ELECTRICAL EQUIPMENT SHALL COMPLY WITH NEC 110.26.
  DRAWINGS INDICATE THE GENERAL ARRANGEMENT OF SYSTEMS. CONTRACTOR SHALL FURNISH ALL NECESSARY OUTLETS, SUPPORTS, FITTINGS
  AND ACCESSORIES TO FULFILL APPLICABLE CODES AND STANDARDS.
  WHERE SIZES OF SOLABECK BOX, RACEWAYS, AND CONDUITS ARE NOT SPECIFIED, THE CONTRACTOR SHALL SIZE THEM ACCORDINGLY.
  ALL WIRE TERMINATIONS SHALL BE APPROPRIATELY LABELED AND READILY VISIBLE.
  MODULE GROUNDING CLIPS TO BE INSTALLED BETWEEN MODULE FRAME AND MODULE SUPPORT RAIL, PER THE GROUNDING CLIP MANUFACTURER'S INSTRUCTION. 9 ~ 8

ANSI B 11" X 17"

WIRE CALCS

E 1.2

- MODULE SUPPORT RAIL TO BE BONDED TO CONTINUOUS COPPER G.E.C. VIA WEEB LUG OR ILSCO GBL-ADBT LAY-IN LUG.
  TEMPERATURE RATINGS OF ALL CONDUCTORS, TERMINATIONS, BREAKERS, OR OTHER DEVICES ASSOCIATED WITH THE SOLAR PV SYSTEM SHALL BE
  RATED FOR AT LEAST 75 DEGREE C.
  CONDUIT INSTALLED AT MINIMUM DISTANCE OF 7/8 INCHES ABOVE ROOF ....NEC 310.15(B)(3)(C)

Zoho Sign Document ID: 293D6E25-MOLCSWBZA5ML-NAMUE0HH4U9\_UPSOALVMVRFPOUP2IU



LABEL 6 AT UTILITY METER (NEC 690.13(B))

LABEL 8
POINT OF INTERCONNECTION
POINT OF INTERCONS 8 NEC 690.59)
NET METER, PRODUCTION METER
(PER AHJ, UTILITY OPERATIONS)

# RAPID SHUTDOWN SWITCH FOR SOLAR PV SYSTEM



LABEL LOCATION: ADJACENT TO PV BREAKER AND ESS OCPD (IF PER CODE(S): NEC 2020: 705 12(B)(3)(2) PHOTOVOLTIC AC DISCONNEC

NOMINAL OPERATING AC VOLTAGE: 240V

EC 690.54

# WARNING

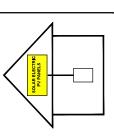
MAY RESULT IN OVERVOLTAGE THE DISCONNECTION OF THE GROUNDED CONDUCTOR(S) ON THE EQUIPMENT

NEC 690.31 (E)

# SOLAR PV SYSTEM EQUIPPED WITH RAPID SHUTDOWN

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



LABEL LOCATION: ON OR NO MORE THAT 1 M (3 FT) FROM THE SERVICE DISCONNECTING MEANS TO WHICH THE PV SYSTEMS ARE

LÁBEL LOCATION: INVERTER(S), AC DISCONNECT(S), AC COMBINER PANEL (IF APPLICABLE). PER CODE(S): NEC 2020: 690.13(B)

CONNECTED. PER CODE(S): NEC 2020: 690.56(C), NEC 2020: 690.56(C)(1)(a)

# **▲** WARNING

**WARNING: PHOTOVOLTAIC** 

POWER SOURCE

TURN OFF PHOTOVOLTAIC AC DISCONNECT PRIOR TO WORKING INSIDE PANNEL

\_ABEL 8 AT MAIN SERVICE DISCONNECT [NEC 110.27(C)]

# **NVERTER POWER SOURCE** CAUTION: BATTERY AC

LABEL LOCATION:
ON HYBRID INVERTER CONDUIT &
RACEWAYS EVERY 10 FEET
CODE REF: NEC 690.31(G)(3)

VOLTAGE - 240VAC MAXIMUM PV & BATTERY INVERTER AC **DISCONNECT LOCATED NSIDE EP CUBE SMART GATEWAY MAXIMUM** CURRENT - 32A AC

LABEL LOCATION: EP CUBE SMART GATEWAY COVER CODE REF: NEC 706.15(C) & 690.54

# ESS & PV REMOTE DISCONNECT & RAPID POWER SHUTDOWN

SETTER TOMORROW

SOLAR CONTRACTOR

LABEL LOCATION: EMERGENGY STOP BUTTON

DO NOT DISCONNECT OR OPEN UNDER BATTERY SYSTEM FUSE LOCATED INSIDE HYBRID INVERTE

MAXIMUM VOLTAGE - 263VDC MAXIMUM CURRENT - 55A DC

LABEL LOCATION: RIGHT SIDE OF EP CUBE HYBRID INVERTER

DC DISCONNECT LOCATED INSIDE EP CUBE HYBRID SHUTDOWN SWITCH PV SYSTEM RAPID **INVERTER COVER** 

LABEL LOCATION: LEFT SIDE OF EP CUBE HYBRID INVERTER COVER

APN #: 1800405024

### MAXIMUM SYSTEM VOLTAGE – 579VDC MAXIMUM SHORT CIRCUIT CURRENT – OPERATING VOLTAGE – 445VDC OPERATING CURRENT – 12.84A DC PHOTOVOLTAIC SYSTEM DC DISCONNECT

LABEL LOCATION:
PV SYSTEM DC DISCONNECT ON HYBRID INVERTER
CODE REF: 690.59

Sheet Name

ANSI B

E 1.3

Project Name & Address

Signature with Sea

DECATUR GA 30030, USA 1722 COVENTRY RD MARION CARTER RESIDENCE

PLACARDS

11" X 17"

**▲** WAR

LABEL LOCATION:
UTILITY SERVICE ENTRANDEMETER, INVERTERDC
UTILITY SERVICE ENTRANDEMETER, INVERTERDC
DISCONNECT IF REQUIRED BY LOCAL AHJ, OR OTHER
LOCATIONS AS REQUIRED BY LOCAL AHJ. PER CODE(S): NEC 2020: 690.56(C)(2)

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

ELECTRICAL SHOCK HAZARD WARNING

WARNING

POWER SOURCE OUTPUT CONNECTION

DO NOT RELOCATE THIS OVERCURRENT DEVICE

APPLICABLE).

LABEL LOCATION:
INTERIOR AND EXTREMENT DC CONDUIT EVERY 10 FT, AT EACH
TURN ABOVE BADD BELOW PENETRATIONS, ON EVERY JBPULL
BOX CONTAINING DC GREUTS.
PER CODE(S): NEC 2020: 690.31(D)(2)

SAUTION: MULTIPLE

PER CODE(S): NEC 2020 690 56(B), NEC 2020 705 10 POWER SOURCES

RATED AC OUTPUT CURRENT:

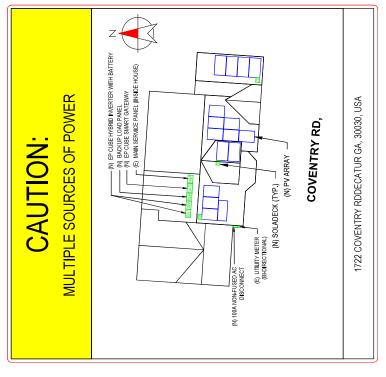
# **MAXIMUM DC VOLTAGE**

OF PV SYSTEM

ER CODE(S): NEC 690.53

WARNING 4

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



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### DIRECTORY

PERMANENT PLAQUE OR DIRECTORY PROVIDING THE LOCATION OF THE SERVICE DISCONNECTING MEANS AND THE PHOTOVOLTAIC SYSTEM.

(ALL PLAQUES AND SIGNAGE WILL BE INSTALLED AS OUTLINED WITHIN: NEC 690.56(A)(B), NEC 705.10)

### ABELING NOTES:

- 1. LABELS CALLED OUT ACCORDING TO ALL COMMON CONFIGURATIONS. ELECTRICIAN TO DETERMINE EXACT

  REQUIREMENTS IN THE FIELD PRE VORRENT NEC AND LOCACL CODES AND MAKE APPROPRIATE ADJUST/REITN.

  2. LABELING RECUIREMENTS BASED ON THE 2020 NATIONAL ELECTRIC CODE, COHE ATNADARD 19010;45(0/f), ANSI 2535.4-2011

  3. MATERAL BASED ON THE REQUIREMENTS OF THE AUTHORITY HAVING JURISDICTION.

  4. LABELS TO BE OF SUFFICIENT DURABILITY TO WITHSTAND THE ENVIRONMENT INVOLVED [NEC 110.21(8)(1)]

  5. LABELS TO BE OF SUFFICIENT DURABILITY TO WITHSTAND THE DIVINGOUND, REFLECTIVE, AND PERMANENTLY AFFIXED [IFC 605.11.1.3]

### BETTER TOMORROW SOLAR 4Memorial Dr SE, Minna, GA 30316 Signature with Sea CONTRACTOR

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EQUIPMENT SPECIFICATION

ANSI B 11" X 17"

Sheet Number

D 1.1

Project Name & Address

APN #: 1800405024



# TS4-A-F

Module-level rapid shutdown

The TS4.4-F (Fire Safety) is the advanced add-on rapid shutdown solution that brings smart module functionality to standard PV modules for higher reliability. Ensure safety by upgrading existing PV systems or by adding safety features to new installations. The TS4-A-F complies with NEC 2017, 2020, and 2023 690.12 Rapid Shutdown specifications when installed with the Tigo RSS Transmitter or an inverter with a built-in Tigo certified transmitter.

# Features

- High input current rating now rated for 20 A I<sub>so</sub>/25 A I<sub>so</sub> to better accommodate bifacial and high-current modules
- Simple, fast installation snaps to a standard PV module frame or mounts to racking
- Power-line communications (PLC) signaling rapid shutdown signaling over PV conductors
- Automatic shutdown PV array enters rapid shutdown mode in the event of AC grid loss
- UL Standards-certified tested and certified with hundreds of top inverter models
- 25-year warranty

### Specifications

	20 A	25 A
Electrical		
Maximum current ([,,/L,)	15 A/20 A 20 A/25 A	20 A/25 /
Input voltage range (V,,,,)	16 -	16-80 V
Maximum input voltage	80	80 V
Maximum system voltage (V <sub>ess.</sub> )	1000 V/	1000 V/1500 V
Maximum sulput current (Lux)	15 A	A
Maximum output power (P <sub>MX</sub> )	700 W	W.
Maximum fuse rating	25 A	30 A
Maximum efficiency	99.6	96.66
Rapid Shutdown		
TS4 conductor AWG	12	2
Rapid shutdown time limit.	<30	<30 sec.
PVRSE-controlled conductor limits <240 VA, ≤8 A, ≤30 V <sub>cc</sub>	<240 VA, 58	8 A, <30 V
UL 1741-compliant PVRSE	Ye	Yes
Communications	PL	PLC
Connections		
Input (from module) cable lengths	0,12/0	0.12/0.62 m
Output (to string) cable lengths	1.2/2 m	2 m
Connectors	MC4/EV02	EVO2
A PART OF THE PERSON NAMED AND PART OF THE PERSON NAMED IN COLUMN NAMED IN COL		

APN #: 1800405024

DECATUR GA 30030, USA

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Connectors

V<sub>Hax</sub> Certifications UL/JEC

Part Number

Ordering Information

20 A UL rating: -30 - 75 °C (+22 - 167 °F)

1500 V/1000 V 1500 V/1000 V 1500 V/1000 V 1500 V/1500 V 1500 V/1500 V 1500 V/1000 V 1500 V/1000 V 1500 V/1500 V

481-00252-20 481-00252-32 481-00261-32 481-00261-62 481-01252-62 481-01261-32 481-01261-62

20 A I.

200 EV02 MCA

0.62/1.2 m

0.12/1.2 m 0.62/1.2 m 0.12/1.2 m 0.62/1.2 m

481-01252-32

702

EVO2

Depending on UL/IEC certification











tigoenergy.com

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X	
co.	

154-4-F Specifications and Ordering Information

BETTER TOMORROW SOLAR monial Dr SE, Allanta, GA 3031

CONTRACTOR

# More Resources



25 A

20 A

Specifications

-40-85°C (-40-185°F) -40-85 °C (-40-185 °F)

Operating temperature range Storage temperature range

Environmental

3000 m (9840 ft.) IP68/NEMA 3R

Maximum elevation Outdoor IP rating



REVISIONS



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Project Name & Address

UL 1741 PVSRE, UL 1741 PVRSS, CSA 22,2, IEC 62109, NEC 690.12

Standards compliance

General Weight

25 years

139.7 x 138.4 x 22.9 mm 5.4 x 5.5 x 0.9 m.)

Dimensions (H/W/D)

Mechanical

490 g (1.1 lb.)

Signature with Sea

	tigoenergy.com

EQUIPMENT SPECIFICATION

Service #

EV02 EV02

0.12/1.2 m 0.12/1.2 m 0.62/1.2 m 0.12/1.2 m 0.62/1.2 m

1500 V/1000 V

1500 V/1000 V 1500 V/1500 V 1500 V/1500 V

486-00252-32

25 A Isc

486-00252-62 486-00261-32 488-00252-32 488-00252-62 488-00261-32 488-00261-62

1500 V/1500 V

MCA MCA

MC4

0.12/1.2 m 0.62/1.2 m EVO2

1500 V 1000 V

11" X 17" ANSI B

Sheet Number

D 1.2

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Hybrid NA720G	
Hybrid NA716G	-
tybrid NAU11G	

	9											
r		-	4	16A / 1 20A per MPPT	600V <sub>EE</sub>	90V 550V	ra e	240V.	60Hz	7.6 kW	93.93%	100% memmum 3.8XW for each phase
	(0)											
					offages	Sile				Ditt-grid	C efficiency	asse loads

TDD00 meeting	8.9 kV/m 13.3 kV/m	7.6 kW, 3:
20-30 to m 3 RAW for early phase	16,6 kWh	31.6A (Continuous)
	19.9 kWh	

	port, battery only	n, off-grid	& compliance	Sories
		5 kW, 20.8A (Continuous) 7.6 kVA (10s)		
ZZ KVA		6.5 kW, 27.0A (Continuous) 9.7 kVA (10s)		Integrated arc fault circuit is
22 KVA (10s)		6.5 kW, 27.0A (Continuous) 7.6 kW, 3*.6A (Continuous) 7.6 kW, 31.6A (Continuous) 9.7 kVA (10s) 11.4 kVA (10s)		ntegrated arc fault circuit interrupter (AFCI), PV RSD *
		7.6 kW, 31.6A (Continuous) 11.4 kVA (10s)		

Cartifications	UL 1699B, UL 1741-SB, EEE 1547, IEEE 1547,EEE 2030.5, UL 1998, UL 1642, UL 1973, UL 9540, UL 9540A, UN 39.3, UL 699B, UL 16730-1 ANNEX H, FCC Part 15 (Class B), IEEE 693-2005 (high).
Listing	CEC, HECO
General paramaters	
Englant ten	> A MARIN

MOSE	00 000 40 000 000	(D) 9000 >	< South (gr 1m, from side	00.000
Temensions	23.62" x 48.03" x 9.25"	23.62" x 56.50" x 9.25"	23.62" x 64.96" x 9.25"	23.62" x 73.43" x 9.25"
5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	600 x 1220 x 235 mm	600 x 1435 x 235 mm	600 x 1650 x 235 mm	600 x 1865 x 235 mm
System weight	286.6 lbs / 130 kg	352.7 lbs / 160 kg	418.9lbs / 190 kg	485 lbs / 220 kg
Ballery module weight		70lbs	70lbs / 32kg	
Inverter weight		77lbs	77lbs / 35kg	
flase weight		5,5lbs	5.5lbs / 2.5kg	
Mounting options:		Floor or v	Floor or wall mount	
Max, elevation		9,843 ft/	9,843 ft / 3,000 m	
Ambient operating temperature		14°F to 122°F /	4°F to 122°F / -10°C to 50°C **	
Recommended operating temperature		32°F to 86°F	32°F to 86°F / 0°C to 30°C	

PVRSD support Tigo and APSmart transmitter.

\* Performance may be de-tated in extreme operating temperatures.

Betteriy capacity warranty up to 10 years or £000 cycles (whichev

BETTER TOMORROW SOLAR 1074 Memorial Dr. SE, Manta, GA 30316

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REVISIONS
Description Date
Initial Design 10-02-2024



100 P.K.   2000 A   10 M.K.   2000 A   200	Grid and load Nominal grid voltage	120 / 240 V .c.
rotection liters ** med / off-girls) liters ** m realizer (optional)		80 Hz 200A
ticer vid ( off-pird) tices  n cation (optional)	protection	TBIA
nnd J off-giris)  nn n	ection	
red / off-grick) nn nn nn nn cation (options)		200A
fice * cation (optional)	-grid / off-grid)	Semmless
ration (optional)	etaca *	
realion (optionss)		120 / 240 V <sub>IC</sub>
cation (optional)	ion	ADA
cation (optional)	AC extend interface **	
purest (optionss)		120   240V vc
unest cation (optional)		100A
Generation start type  '2-wine start (I.O)  R3-485  R9-485  VEV Changer communication (optional)  R9-485  With Cellular (LTE, 4G)  Internet connection  EP Outse APP Purson 68 (DS)  Liter minimizers  EP Outse APP Purson 68 (DS)	Generalor control request	VBS
cation (optional)		2-wire start (I/O)
	mication (optional)	R3485
		Wiff, Cellular (LTE, 4G)
		EP Cube APP (Android & IOS)

Project Name & Address

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	UL1741, ICES-003 (Class B) FCC Part 15 (Class B), FCC ID IEEE 690-2005 (high)		NEWA 4X	820d >	23.62* x 23.62* x 7.09* 600 x 600 x 180 mm	
живоу и полициинов	ertifications	Seneral parameters	ncionare	latse	Imensions	

APN #: 1800405024

DECATUR GA 30030, USA

1722 COVENTRY RD MARION CARTER RESIDENCE

44.1 lbs	Wall mount	9,843 ft / 3,000 m	-40 "F to 122 "F / -40 "C to 50 "C		10 years
Weight	Mounting options	Max. elevation	Ambient openiting tenperature	Limited warranty	System warranty

Parties.

Nobles

This Smert Calleway EP Cube Interface includes one EP Cube Injurid

The Smert Calleway includes two AC extend interface hardware.

Genisci: CSi SDLAR (USA) CO., LTD. Add: 1350 Treat Blvd. Suite 500, Walnut Creek, CA 94597, USATel: +1 800 761 2990 E-mail: service

D 1.3

ANSI B 11" X 17"

Sheet Name
EQUIPMENT
SPECIFICATION
Sheet Size





XR Rail Family

### XR Rails

## XR10 Rail

### XR100 Rail

XR1000 Rail





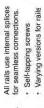
Internal Splices 🔒

BETTER TOMORROW

SOLAR ronal Dr SE, Manta, GA 30

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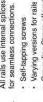












· Varying versions for rails

 Extreme load capability 12' spanning capability · Clear anodized finish

· Clear & black anod. finish

Clear & black anod, finish

Moderate load capability

· 6' spanning capability

The ultimate residential · 8' spanning capability Heavy load capability

solar mounting rail.

A low-profile mounting rail for regions with light snow.

Grounding Straps offered

Signature with Sea

Project Name & Address

Tilt Legs

Standoffs

Slotted L-Feet

### Attachments

### FlashFoot







attachment.

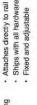
Anchor, flash, and mount with all-in-one attachments.

Ships with all hardware · Certified with XR Rails

· IBC & IRC compliant







# Fixed and adjustable

APN #: 1800405024

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1722 COVENTRY RD MARION CARTER RESIDENCE

# T-Bolt Grounding Lugs 🛞 Grounding Mid Clamps

Clamps & Grounding

End Clamps

Accessories







organized look for rails. Provide a finished and · Snap-in Wire Clips

 UV-protected polymer Perfected End Caps

Eliminates pre-drilling
 Swivels in any direction

 Reusable up to 10 times · Parallel bonding T-bolt

Mill & black stainless

· Easy top-slot mounting

rail's top slot.

Attach and ground modules in the middle of the rail.

Slide in clamps and secure

modules at ends of rails.

· Mill finish & black anod. Sizes from 1.22" to 2.3" Optional Under Clamps

## Free Resources



Go from rough layout to fully engineered system. For free. **Design Assistant** 



Earn free continuing education credits, while learning more about our systems. NABCEP Certified Training Go to Iro

EQUIPMENT SPECIFICATION

ANSI B 11" X 17"

D 1.4

RONRIDGE

Solar is Not Always Sunny

extreme weather events. Not just the worst storms in years, but the worst storms in 40 years. High winds capable of Over their lifetime, solar panels experience countless ripping panels from a roof, and snowfalls weighing enough to buckle a panel frame.

XR Rails are the structural backbone preventing against buckling and safely and efficiently transfer loads into the building structure. these results. They resist uplift, protect Their superior spanning capability requires fewer roof attachments,

penetrations and the amount of installation time. reducing the number of roof

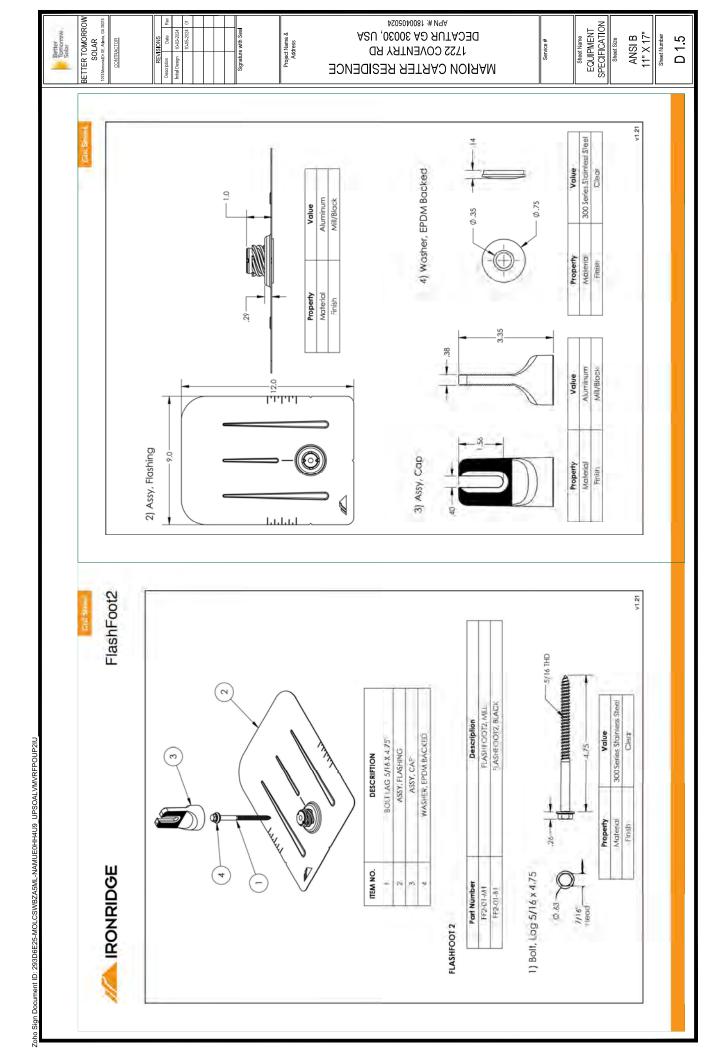
Sloped roofs generate both vertical and lateral forces on mounting alls which are causes them to bend and wast. The curved shape of XR Rais specially delayed to increase straight in both directors while resisting the twishing. This unique weather and a longer system flexime. Force-Stabilizing Curve

# Compatible with Flat & Pitched Roofs



ron Fidge offers a range of tilt leg options for flat roof mounting applications.

All XH Rails are made of marine-grade afurminum alloy, then protected with an anotazed thinks. Anotating prevens surface and structural corrosion, while also providing a more attractive appearance. Corrosion-Resistant Materials



BETTER TOMORROW SOLAR 1074 Memorial Dr. SE, Manta, GA 30316

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REVISIONS
Description Date
Initial Design 10-02-2024 Signature with Sea

Project Name & Address

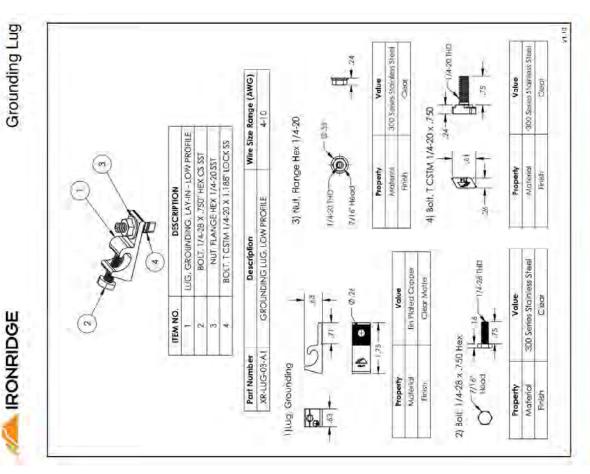
APN #: 1800405024 DECATUR GA 30030, USA 1722 COVENTRY RD MARION CARTER RESIDENCE

EQUIPMENT SPECIFICATION

ANSI B 11" X 17"

D 1.6 Sheet Number

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25600 Commercentra Driva Lake Forest, CA 92530 USA

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Better Tomorrow Solar

SOLAR 1074 Memorial Dr SE, Mbrita, GA 30316

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Project Name & Address

Signature with Sea

Telephone 949 446,4100 Fesimile 949,446,4111 www.infertek.com

# **Test Verification of Conformity**

In the basis of the texts undertaken, the sample(s) of the below product have been found to comply with the requirements of the referenced specifications at the time the tests were carried out.

Applicant Name & Address:	Address:	IronRidge, Inc. 1495 Zephyr Ave. Hayward, CA 94544		
Product Description:	, L	XR Rails with Integrated Grounding.	ling.	
Ratings & Principle Characteristics:	9	Fire Class Resistance Rating:  Glass A for Steep Slope Flush-Mount (symmetrical) Applicatio Type 2, Listed Photovoltaic Module.  Glass A for Low Slope Flush-Mount and Tilt-Mount (symmetri Applications when using Type 1, Listed Photovoltaic Module.	Flush-Mount (sy Itaic Module. Iush-Mount and g Type 1, Listed	s Resistance Rating: Class A for Steep Slope Flush-Mount (symmetrical) Applications when using Type 1 and Type 2, Listed Photovoltaic Module. Class A for Low Slope Flush-Mount and Tilt-Mount (symmetrical and asymmetrical) Applications when using Type 1, Listed Photovoltaic Module.
Models:		51-61GD-005, 51-61GD-005B, 51-5000-001, and 51-65-001	1-5000-001, and	51-65-001
Brand Name: Relevant Standards:	, s	N/A UL Subject 2703 (Section 15.2 a Clamping Devices for Flat-Plate Referencing UL1703 (Section 3: Panels, May 20, 2014	nd 15.3) Outline Photovoltaic Mc 1.2) Standard for	N/A UL Subject 2703 (Section 15.2 and 15.3) Outline of Investigation for Rack Mounting Systems and Clamping Devices for Flat-Plate Photovoltaic Modules and Panels, Issue Number: 2, Nov 13, 2012 Referencing UL1703 (Section 31.2) Standard for Safety for Flat-Plate Photovoltaic Modules and Panels, May 20, 2014
Verification Issuing Office:	g Office:	Intertek Testing Services NA, Inc. 25800 Commercentre Dr. Lake Forest, CA 92630	ú	
Date of Tests: Test Report Number(s):	oer(s):	08/27/2014 to 01/07/2015 101541132LAX-002		
This verification is part of t imply product certification	part of the tification.	full test report(s) and should be	read in conjunc	This verification is part of the full test report(s) and should be read in conjunction with them. This report does not automatically imply product certification.
Completed by: Title:	Amar Kacel PV Engineer	- b	Reviewed by: Title:	Andrew Koretoff Reviewer
Signature: Date:	01/26/2015	7 5	Signature: Date:	Chaso Wall - 01/26/2015

42020405024

DECATUR GA 30030, USA

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This Verification is to the available use of Intertek's clean and is provided pursuant to the agreement between Intertek and its Client. Intertek's responsibility and Intellity development of the fermion of conditions of the operations. The operations of the argument of the operations of the operati

EQUIPMENT SPECIFICATION

Sheet Size

Service #

ANSI B 11" X 17"

D 1.7 Sheet Number

GFT-DP-11a (24-MAR-2014)











From: Warner McConaughey
To: Paige V. Jennings

Subject: Re: Questions Regarding COA Application - 1122 Springdale Road

**Date:** Thursday, November 14, 2024 9:09:21 AM

\*\* WARNING: The sender of this email could not be validated and may not match the person in the "From" field. \*\*

Double hung. The addition built about 20 years ago is essentially one large living room. The windows on the north facing wall are double hung windows. For some reason they installed two oversized glass block openings on the southside. We will be changing these out to match the other regular windows.

Please let me know if you need additional information.

W

Warner McConaughey HammerSmith, Inc 807 Church Street Decatur, Georgia 30030 404.886.0847 c 404.377.1021 o

www.hammersmith.net

Please like us on Facebook

we want to thank you for your trust and confidence as we celebrate 30 Years of Design-Build Excellence

On Thu, Nov 14, 2024 at 9:12 AM Paige V. Jennings <a href="mailto:pvjennings@dekalbcountyga.gov">pvjennings@dekalbcountyga.gov</a>> wrote:

Good Morning,

Hope that this email finds you well!

We are finalizing our staff reviews for the upcoming HPC meeting on Monday, November 18<sup>th</sup>. Before finalizing our report on the application for 1122 Springdale Road., could you please provide information for the following questions?

1. Will the windows be casement or double-hung windows?

Please provide all information that you can, as soon as possible. Our reports will be finalized no later than Friday afternoon and will be sent out along with the agenda for the meeting to applicants.

Thank You,

Paige

