

143'-11"

509'-0"

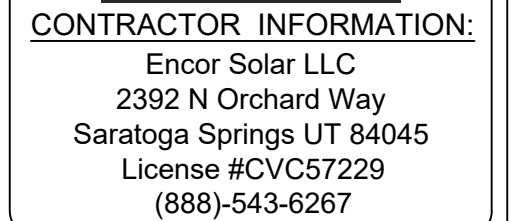
105'-8"

475'-7"

253 NW Country Lake Dr

MP2

MP3



JERRY PADRTA

253 NW COUNTRY LAKE DR

LAKE CITY, FL 32055

AC SYSTEM SIZE: 12.675 KW AC

DC SYSTEM SIZE: 15.21 KW DC

LAT, 30.206973

LONG, -82.6976787999999

(39) SOLARIA POWERX-390R
PV MODULES

(39) ENPHASE IQ8M-72-2-US INVERTER(S)















FLORIDA POWER & LIGHT

DRAWN BY: SoloCAD

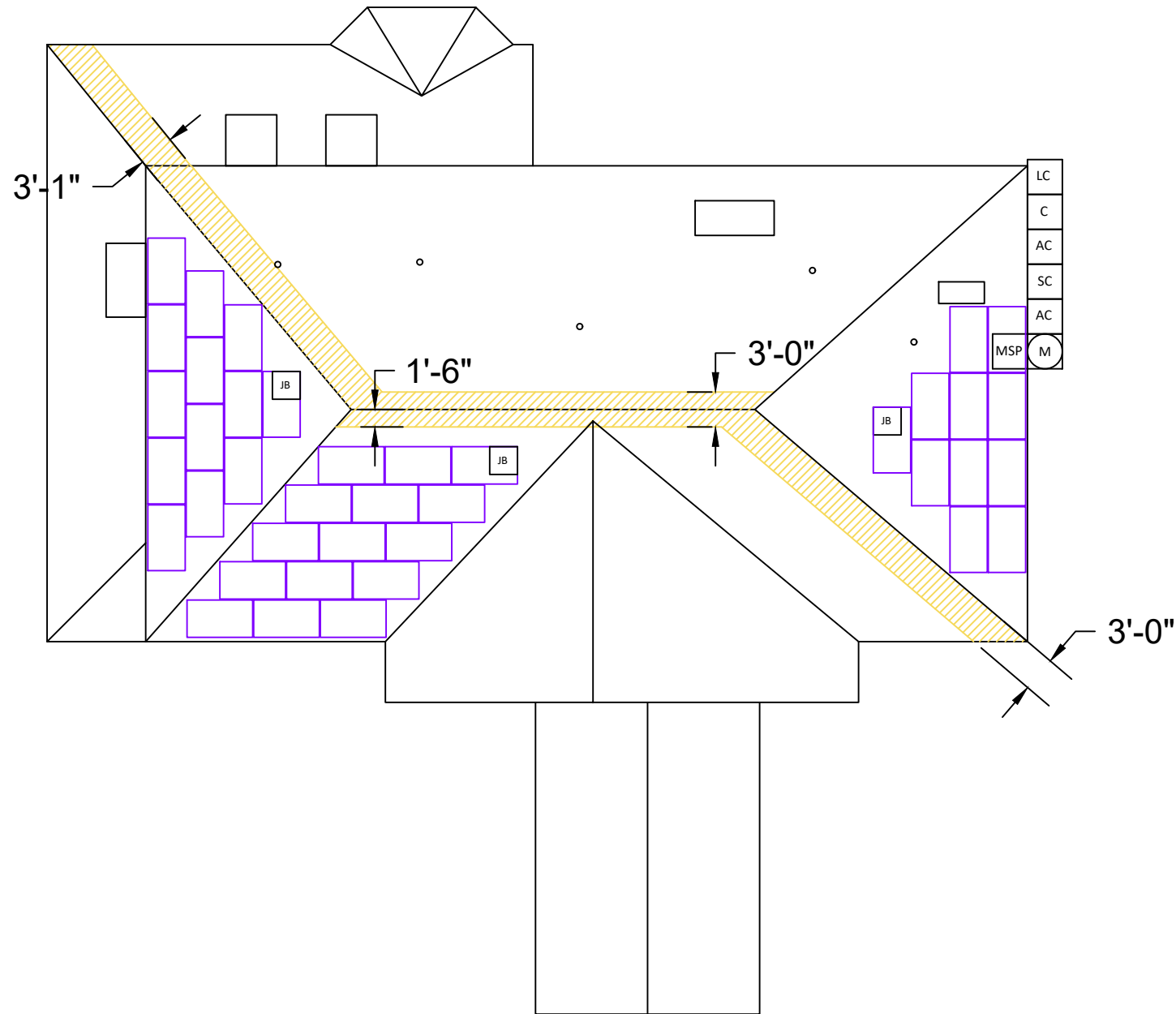
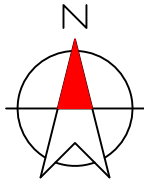
10/13/2023

SITE PLAN - PV02

EQUIPMENT LEGEND:

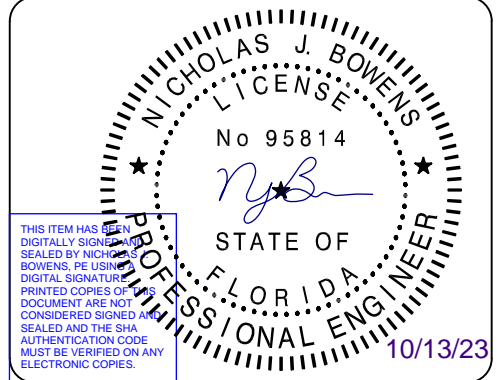
 UTILITY METER	 VISIBLE, LOCKABLE, LABELED AC DISCONNECT	 INVERTER	 SUB PANEL	 BATTERY(IES)	 SERVICE DISCONNECT	PROPERTY LINE	 PV MODULES
 MAIN SERVICE PANEL	 METER SOCKET (FOR UTILITY PV METER)	 COMBINER BOX	 LOAD CENTER	 IQ SYSTEM CONTROLLER	 JUNCTION BOX	 FIRE ACCESS PATHWAY (3' TYP)	

VISIBLE, LOCKABLE,
LABELED AC DISCONNECT
LOCATED WITHIN 10'
OF UTILITY METER



CONTRACTOR INFORMATION:

Encor Solar LLC
2392 N Orchard Way
Saratoga Springs UT 84045
License #CVC57229
(888)-543-6267



SITE INFORMATION

JERRY PADRTA

253 NW COUNTRY LAKE DR
LAKE CITY, FL 32055

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PV MODULES

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FLORIDA POWER & LIGHT

DRAWN BY: SoloCAD

10/13/2023

ROOF PLAN - PV03

EQUIPMENT INFORMATION:		ROOF INFO:		PHOTOVOLTAIC ARRAY STRUCTURAL CRITERIA:	
RACKING MANUFACTURER:	UNIRAC	ROOF TYPE:	ASPHALT SHINGLE	PV MODULE COUNT:	39
RACKING PART NUMBER:	SM	ROOF FRAMING:	MANUFACTURED TRUSS	ARRAY AREA:	MODULE COUNT * 21.03 FT ² = 820.17
ATTACHMENTS	UNIRAC - FLASHKIT PRO	RAFTER/TOP CHORD SIZE:	2x4	ROOF AREA:	4657 FT ²
ATTACHMENT QTY:	140	RAFTER/TOP CHORD SPACING:	24"	PERCENT OF ROOF COVERED:	18%
SPLICE QTY:	22	ATTACHMENT SPACING:	48"	ARRAY WEIGHT:	MODULE COUNT * 49 LBS = 1911 LBS
MIDCLAMP QTY:	52			POINT LOAD:	ARRAY LBS/ATTACHMENTS = 13.65
ENDCLAMP QTY:	52			DISTRIBUTED LOAD: (lbs/ft ²)	ARRAY WEIGHT/AREA = 2.33 LBS/FT ²