

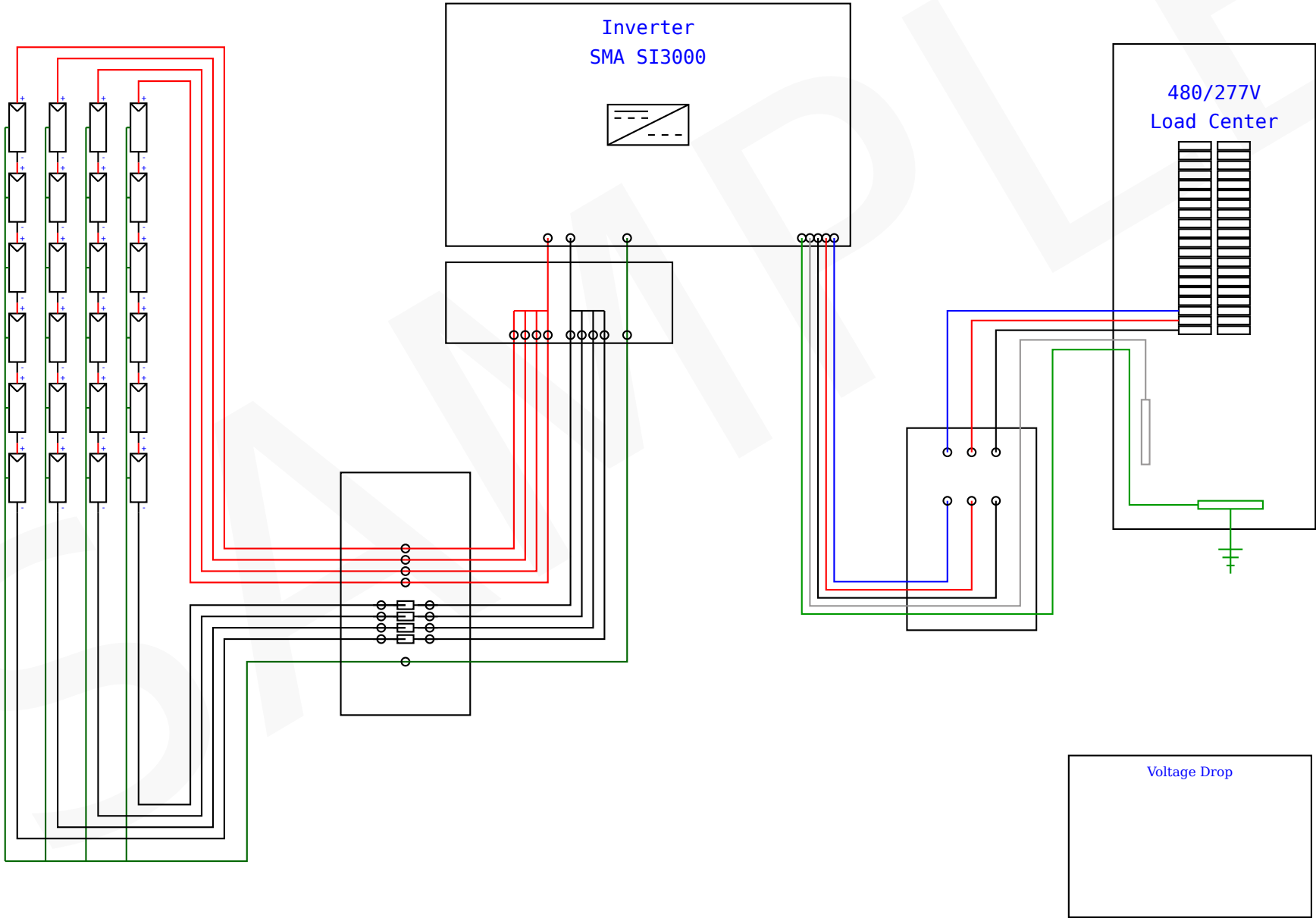
PV System Design
1679 Clearlake Road
Cocoa, Brevard, FL, 32922

Contents

PV-01	PV system wiring diagram
PV-02	PV system specifications
S-01	Roof details

General Notes

		Wire		Conduit	
		AWG	Type	Size	Type
1	Ground				
2	Neutral				
3	L1				
4	L2				
5	L3				



Location	
County	Brevard
Address	1679 Clearlake Road
City	Cocoa
Zip	32922.00

Roof	
Width	60.00
Length	25.00
Slope	6:12
Type	Gable
Height	11.18

Module	
Make	Suniva
Model	255-60-4-1B0
Orientation	Portrait
Pmp	255.00
Isc	8.96
Voc	38.10
Imp	8.45
Vmp	30.20
Width	30.42
Length	60.42

Array	
Modules Per String	6.00
Num Strings	4.00
Isc	35.84
Voc	228.60
Imp	33.80
Vmp	181.20
Pmp	6124.56
Number Of Modules	24.00

DC	
Home Run Length	50.00
Wire Size	-Undefined-

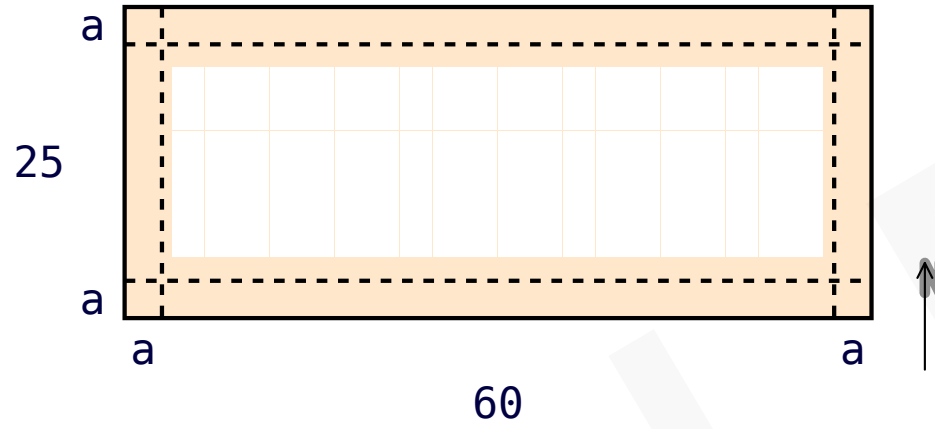
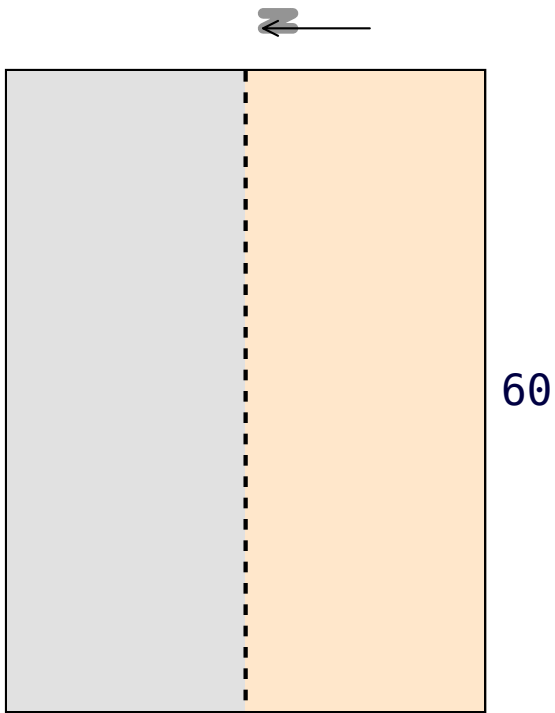
Inverter	
Make	SMA
Model	SI3000
Location	Inside

AC	
Loadcenter Types	480/277V
Type	480V Wye
Distance To Loadcenter	50.00
Conductors	ground,neutral,L1,L2,L3
Num Conductors	5.00
Wire Size	-Undefined-

Attachment System	
Make	UNIRAC
Model	SOLARMOUNT

Calculation Sheet





Selected modules: 0
Calculated modules: 24

