FSEC Plans Machine

DEMO

SMA SI3000 Inverter System
Suniva 255-60-4-1B0 (4 strings of 6 modules)

Contents

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General Notes

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

Inverter
SMA SI3000

480/277V
Load Center

SMA SI3000 Inverter System
Suniva 255-60-4-1B0 (4 strings of 6 modules)

Voltage Drop
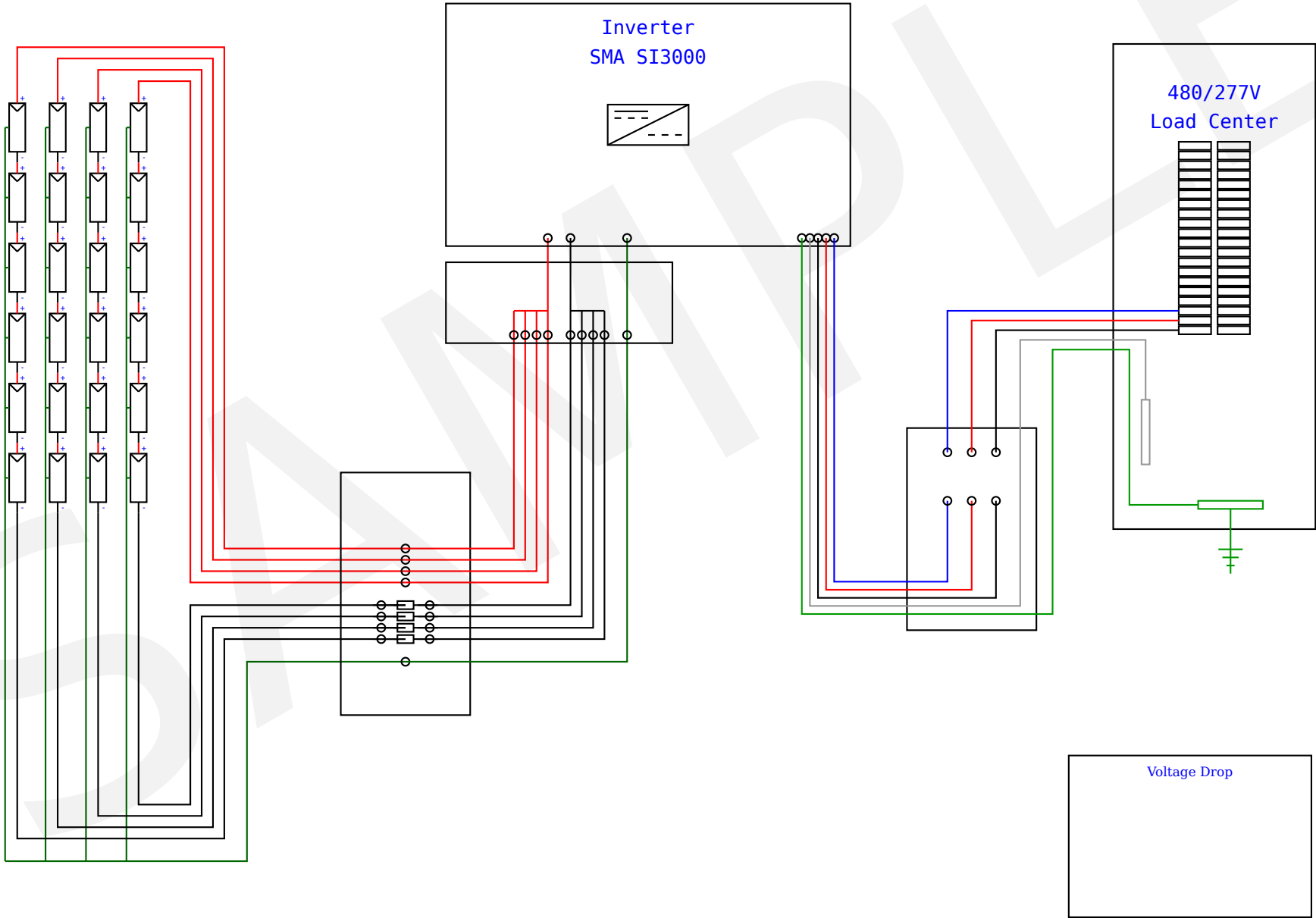
PV
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Roof

Width	25.00
Length	15.00
Slope	6:12
Type	Gable
Height	6.71

Module

Make	Suniva
Model	255-60-4-1B0
Orientation	Portrait
Width	30.00
Length	50.00
Pmp	255.00
Isc	8.96
Voc	38.10
Imp	8.45
Vmp	30.20

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

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-

Calculation Sheet

SMA SI3000 Inverter System
Suniva 255-60-4-1B0 (4 strings of 6 modules)

PV

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