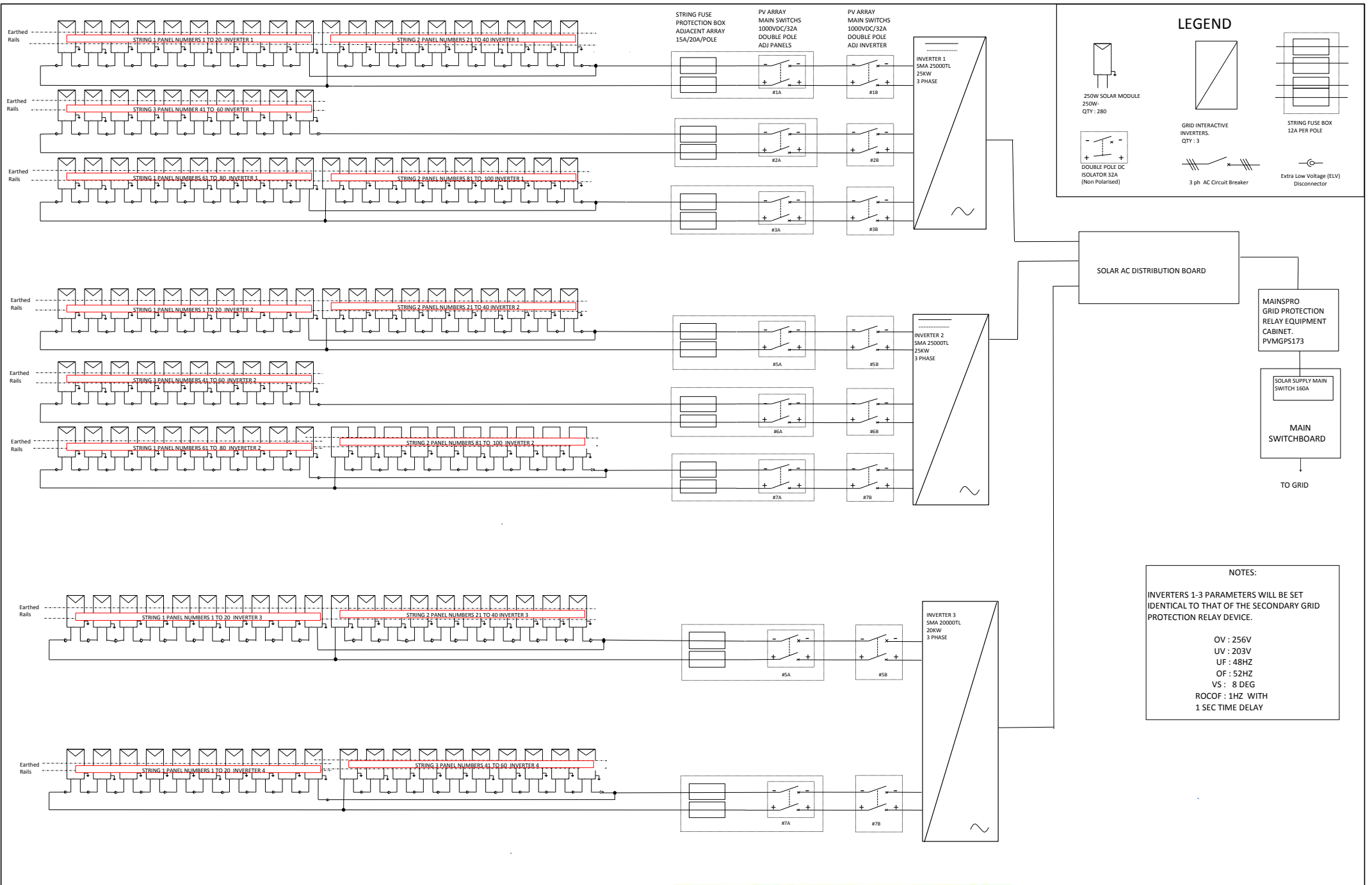




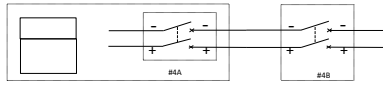
1. Technology: Solar PV
2. Maximum Power: 70kW
3. Contribution to fault levels: N/A
4. Size & rating of the relevant Transformer: N/A
5. Single line diagram: refer to following page
6. Protection Systems & Communication Systems: refer to following page
7. Voltage Control and reactive power capability: N/A
8. Details specific to the location of facility: N/A



NOTES :

**DATE**  
1/12/14





3 PHASE

**NOTES :**

**Inverter #1 : SMA 15000TL**  
 66 x Ulicca 250w-250M-60 Solar Modules  
 Strings 1,2,3 = 895Voc Temp Adjusted  
 Strings 1,2,3 = 8.7Isc

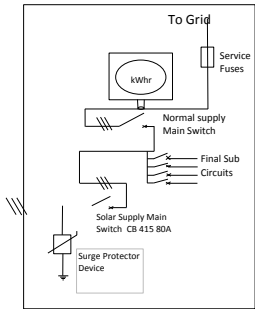
**Inverter #2 :SMA 15000TL**  
 66 x Ulicca 250W -250m-60 Solar Modules  
 String 1,2,3 = 895 Voc Temp Adjusted  
 Strings 1,2,3 = 8.7 Isc

**Inverter #3 : SMA 17000TL**  
 68 x Ulicca 250W-250m-60 Solar Modules  
 Strings 1,2,3 = 935 Voc Temp Adjusted  
 Strings 1,2,3 = 8.7 Isc

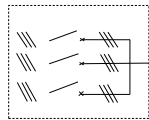
**Note :**

All DC wiring from output side of string fuse box to DC input side of inverters is 6mm<sup>2</sup> unless otherwise stated.

4mm<sup>2</sup> DC cable voltage drop@25M = 1.78v  
 6mm<sup>2</sup> DC cable voltage drop@25M = 1.19v  
 16mm<sup>2</sup>AC cable voltage drop@25M = 0.68v



SOLAR AC DB  
 3 x 3PHASE CB  
 415V 32A



INVERTER 4  
 SAMML 10KW  
 SL10000TL  
 3 PHASE

