



## Nallamuthu Gounder Mahalingam College

(An Autonomous Institution, Affiliated to Bharathiar University)  
90, Palghat Road, Pollachi - 642001, Coimbatore, Tamil Nadu, India.  
95<sup>th</sup> Rank in NIRF – 2023 among Colleges in India.



7.1.2 The institution has facilities for alternate sources of energy and energy conservation measures.

### Wheeling to the Grid

Wheeling to the grid is done to transmit the excess electrical energy from the Grid located in the college to the Tamil Nadu Electricity Board. This process supports sustainability and also generates revenue for the institution.

### Verification by the Energy Auditor



Criteria: **VII : Institutional Values and Best Practices**

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### Details of Total Amount of Savings through Solar – Wheeling to the Grid



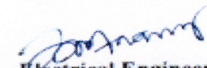
**NALLAMUTHU GOUNDER MAHALINGAM COLLEGE**  
(AUTONOMOUS AND AFFILIATED TO BHARATHIAR UNIVERSITY)  
Re-Accredited by NAAC  
An ISO 9001 : 2015 Certified Institution  
Aided by the Government of Tamil Nadu  
**POLLACHI - 642 001.**  
Phone : 04259 - 234866, 234870  
Mobile : 99429 06687  
Fax : 04259 - 234869

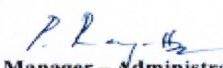



E-Mail : ngm@ngmc.org  
DATE 12/03/24


**Unit Consumption Details**  
The details of Solar Units produced in the Institution

Month & Year	Solar Units Produced	Export Units	Export Unit Cost	Solar Unit Cost Savings Per Month (Rs.)
April' 23	6286.60	-	-	81449.19
May' 23	8717.70	-	-	120539.64
June' 23	230.90	-	-	3191.04
July' 23	3995.70	-	-	54868.95
Aug' 23	11786.30	-	-	166941.15
Sept' 23	12244.60	-	-	171265.22
Oct' 23	11737.40	1501	5059.00	168370.53
Nov' 23	9623.70	1689	5694.00	140528.36
Dec' 23	9228.50	1747	5888.00	128659.42
<b>Total</b>				<b>1035813.50</b>

  
**Electrical Engineer**

  
**Manager - Administration**

  
**Principal**  
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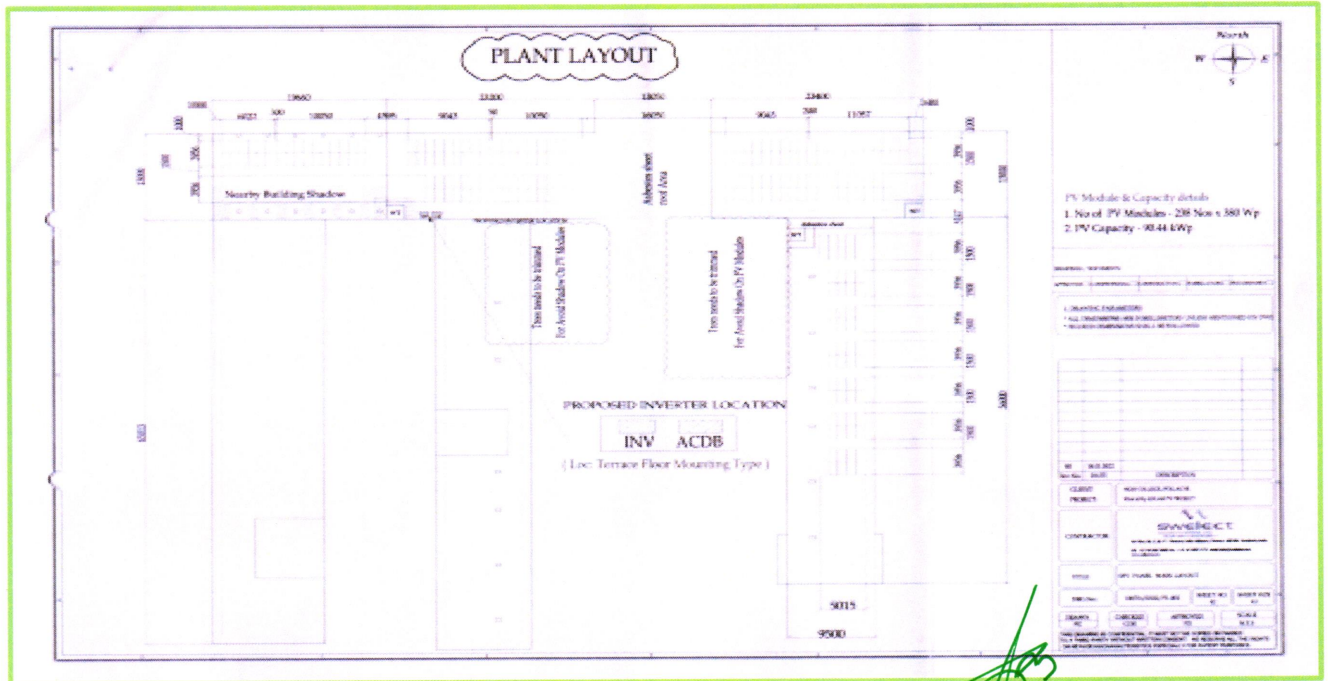
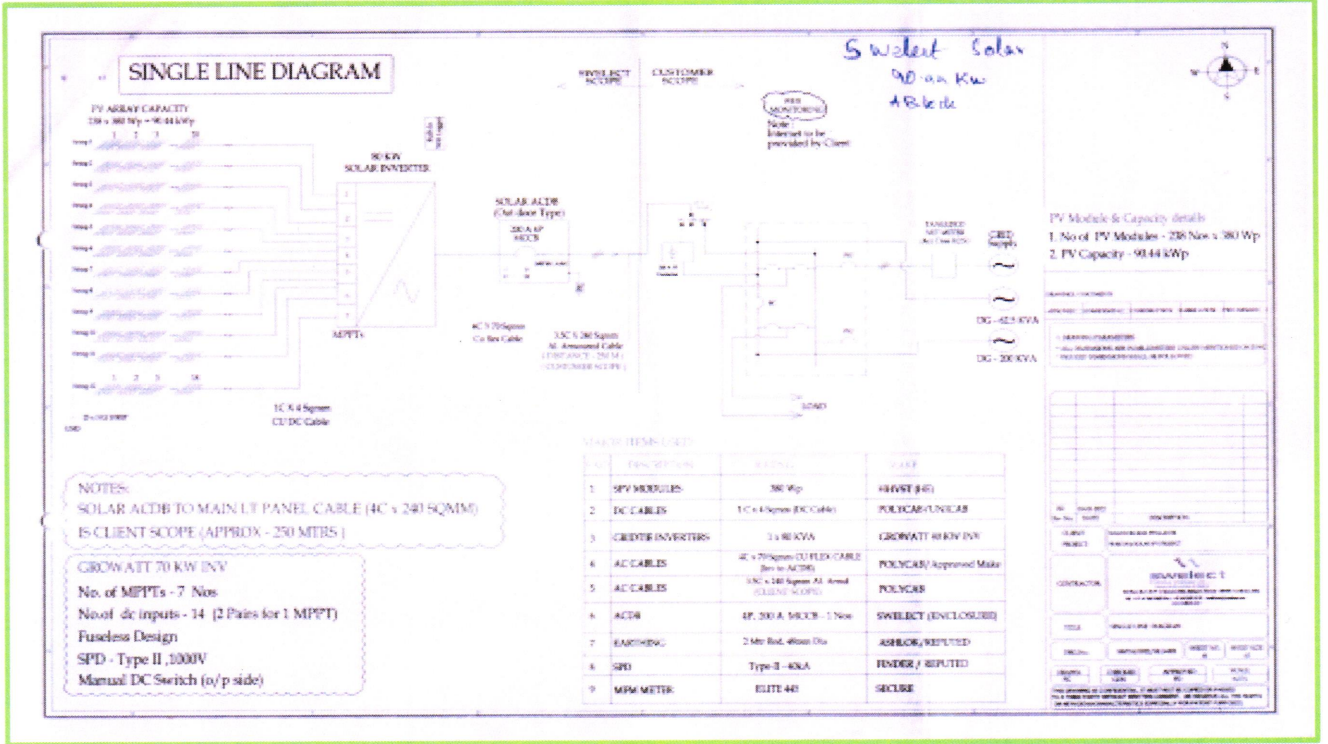
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## Array Layout and Single Line Diagram of 90.44 KW



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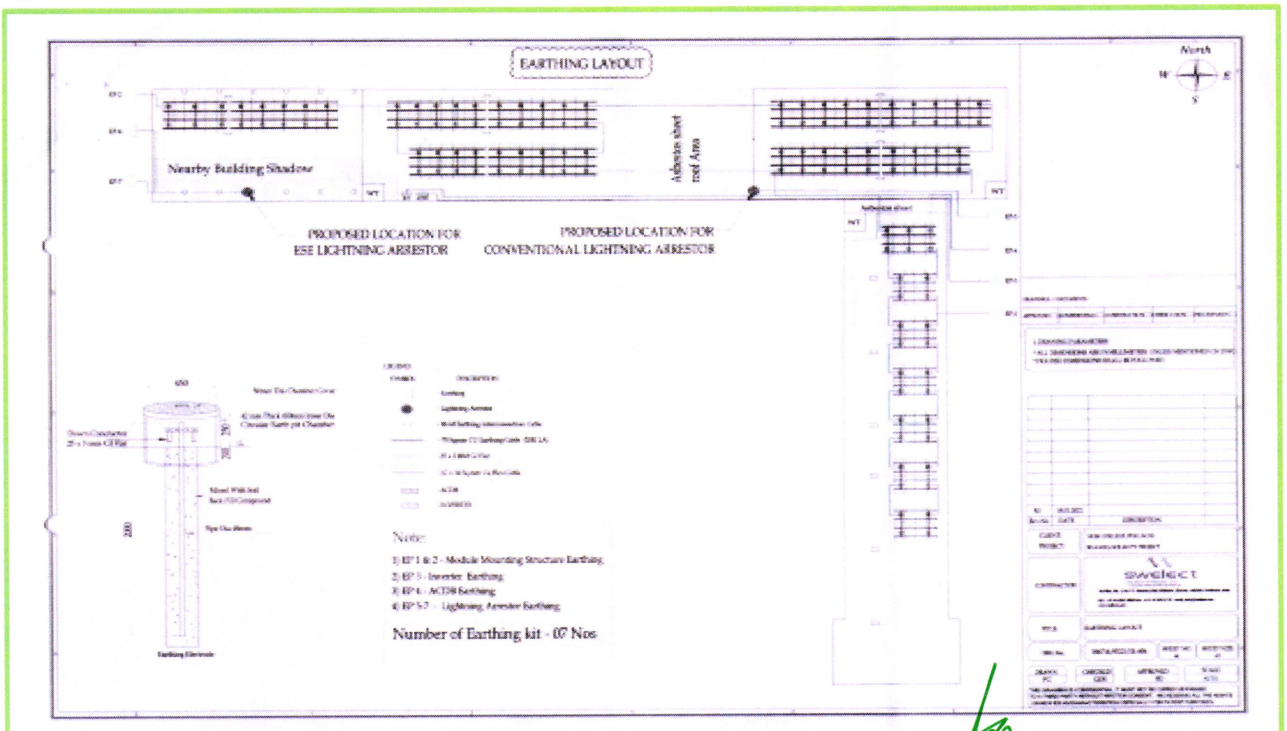
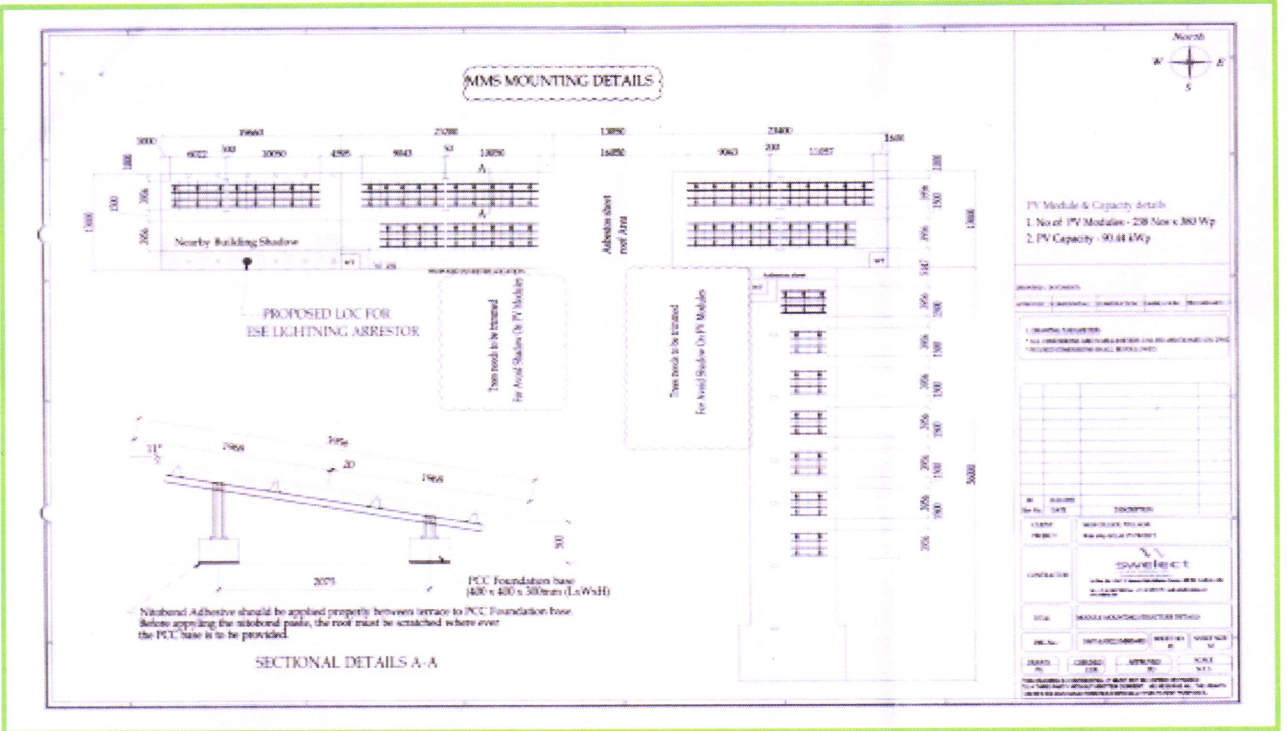


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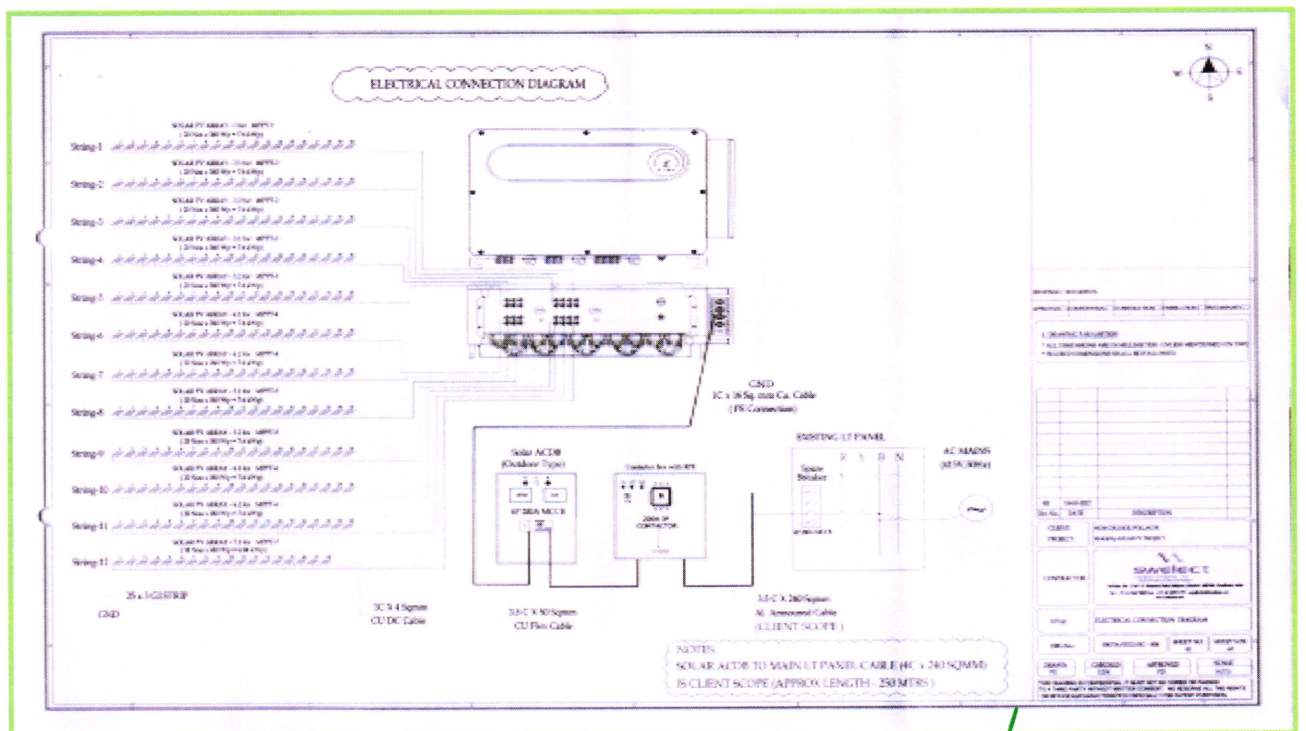
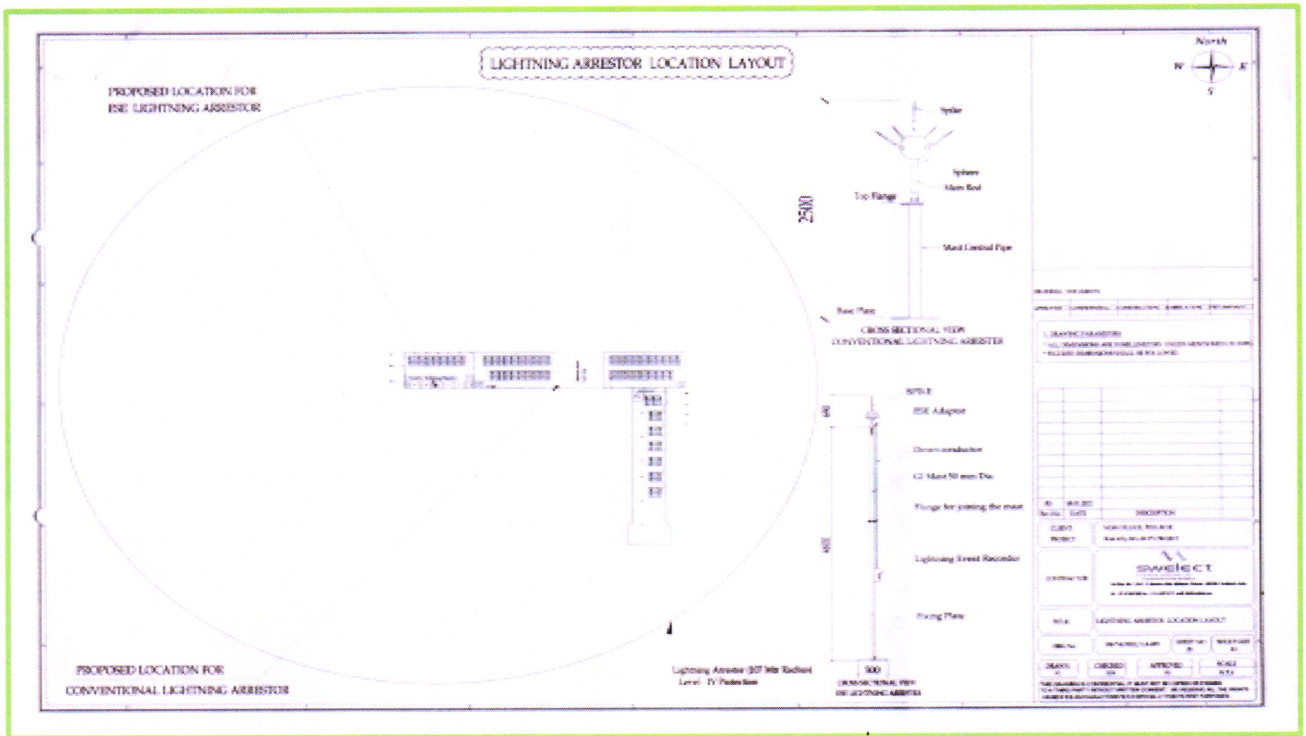


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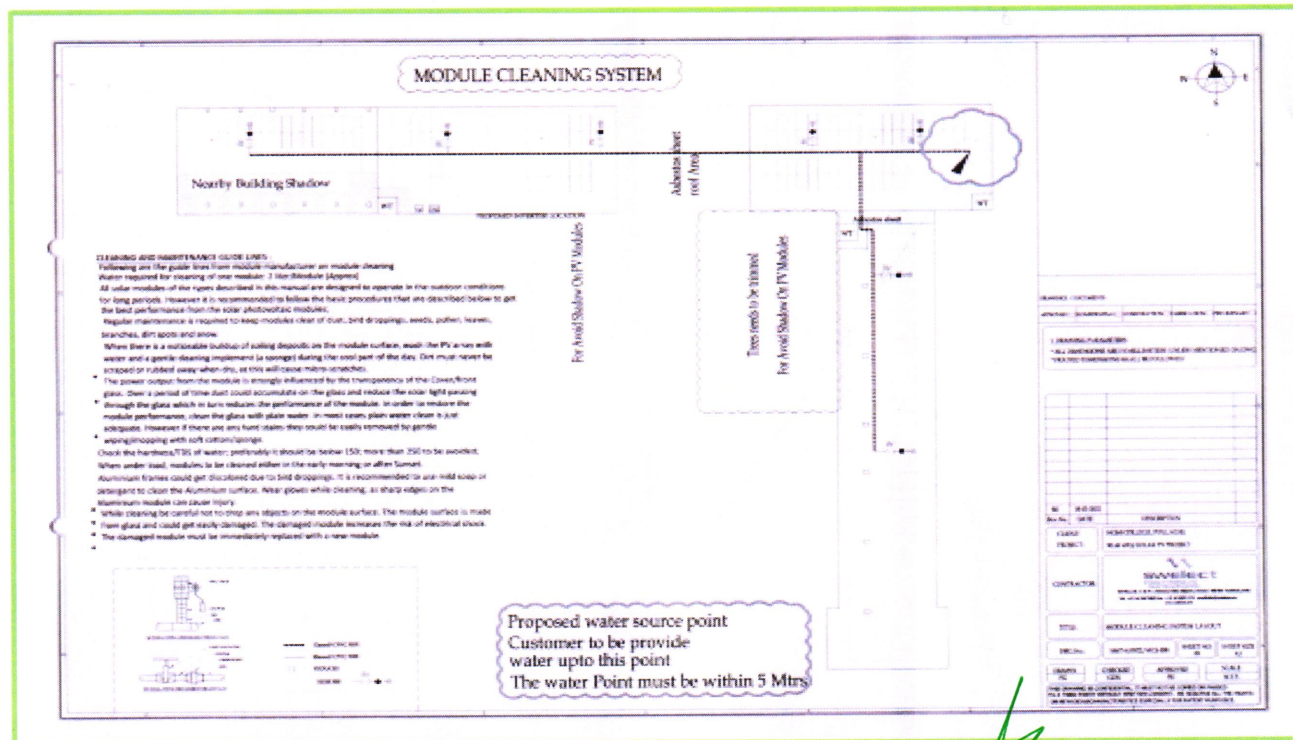
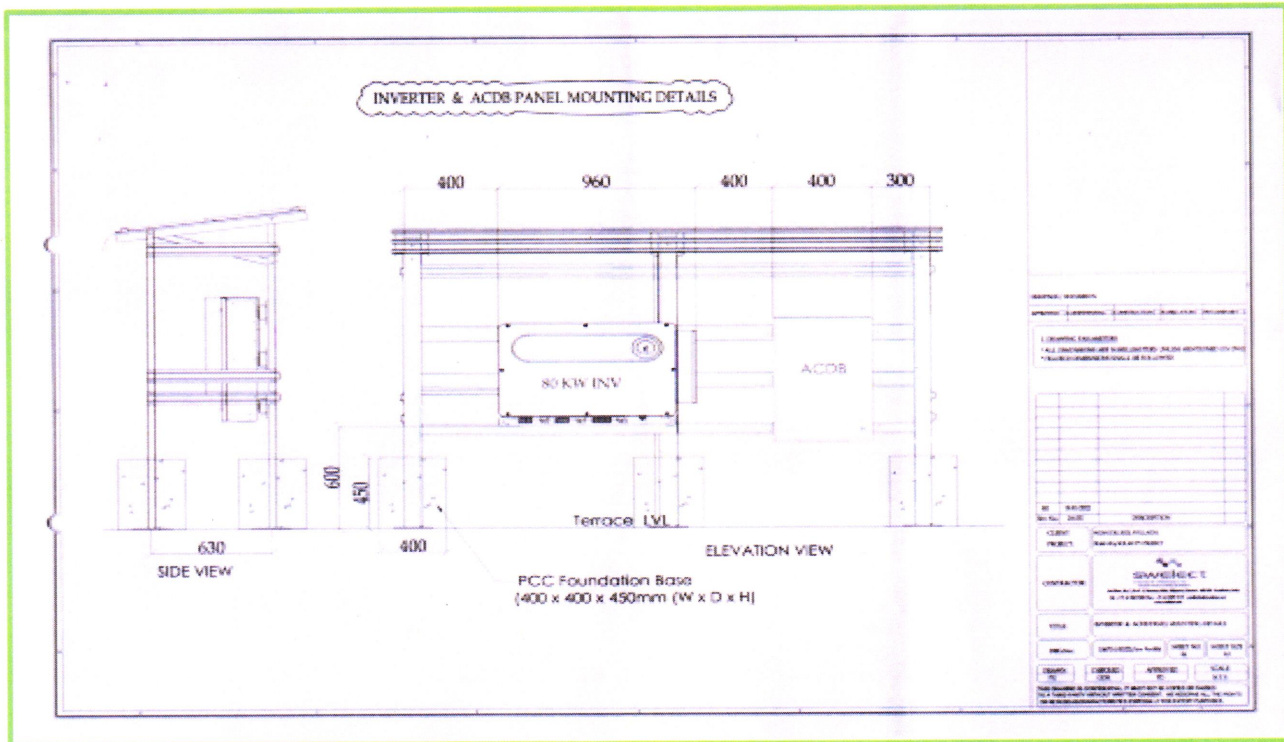






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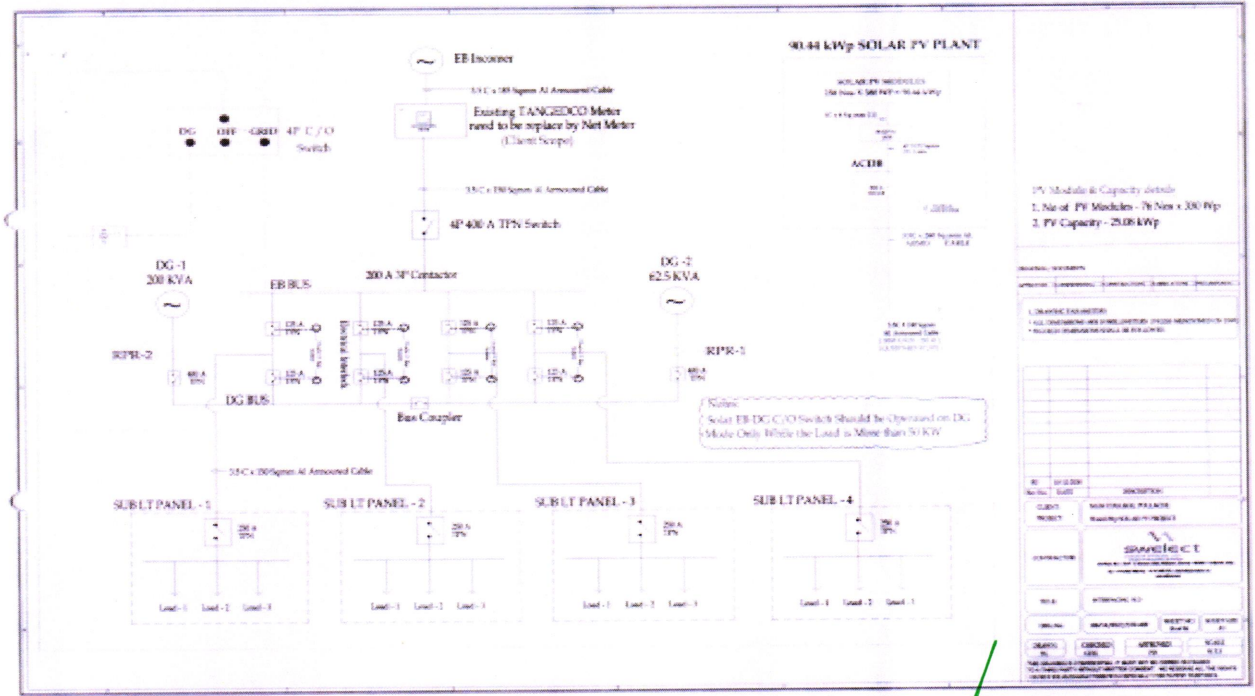
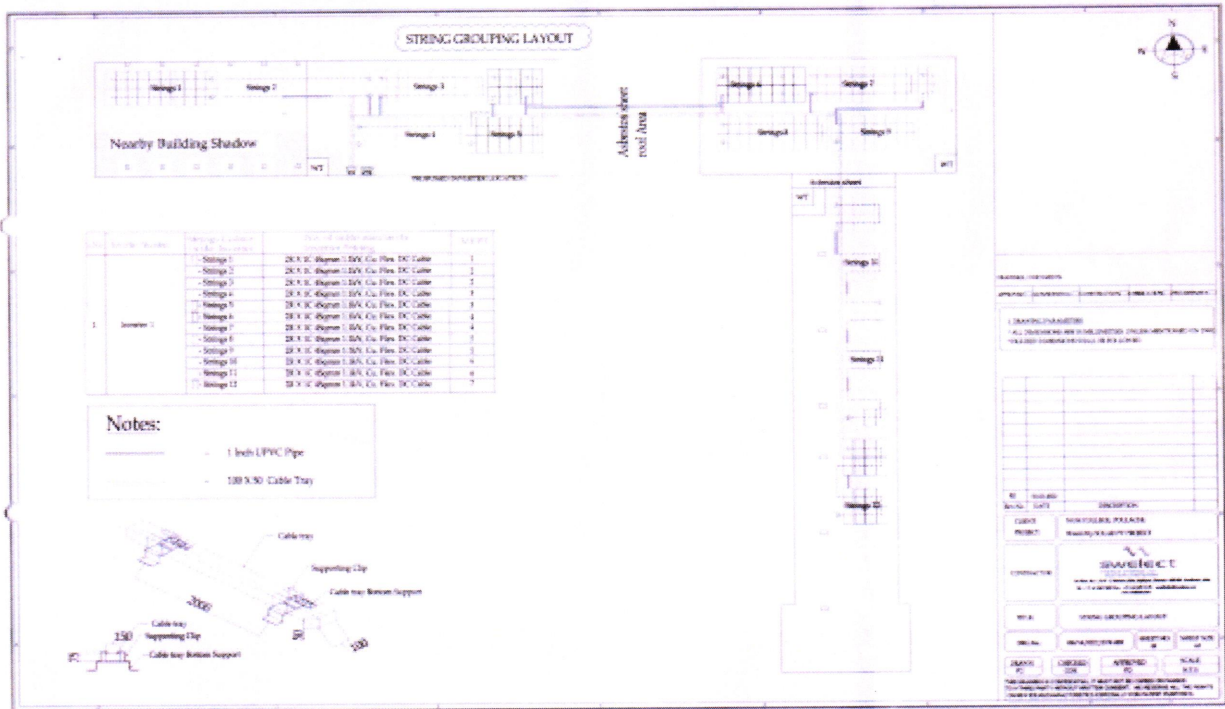


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