

| LEGENDS:- | | |
|---|-------------------|------------|
| SYMBOL | DESCRIPTION | QTY/Length |
|  | PV MODULE (550Wp) | 1837 NOS. |
|  | WALKWAY | 1400 MTR |
|  | HANDRAIL | 480 MTR |
|  | SAFETY LIFE LINE | 976 MTR |
|  | SHADOW AREA | |
|  | TURBO VENTILATOR | |
|  | SKY LIGHT | |
| | | |
| | | |
| | | |
| | | |


NOTES:

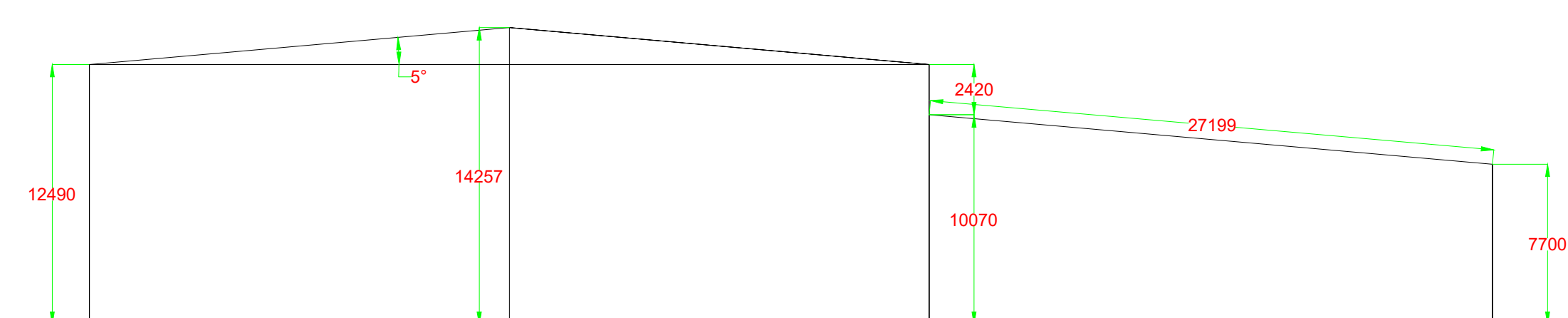
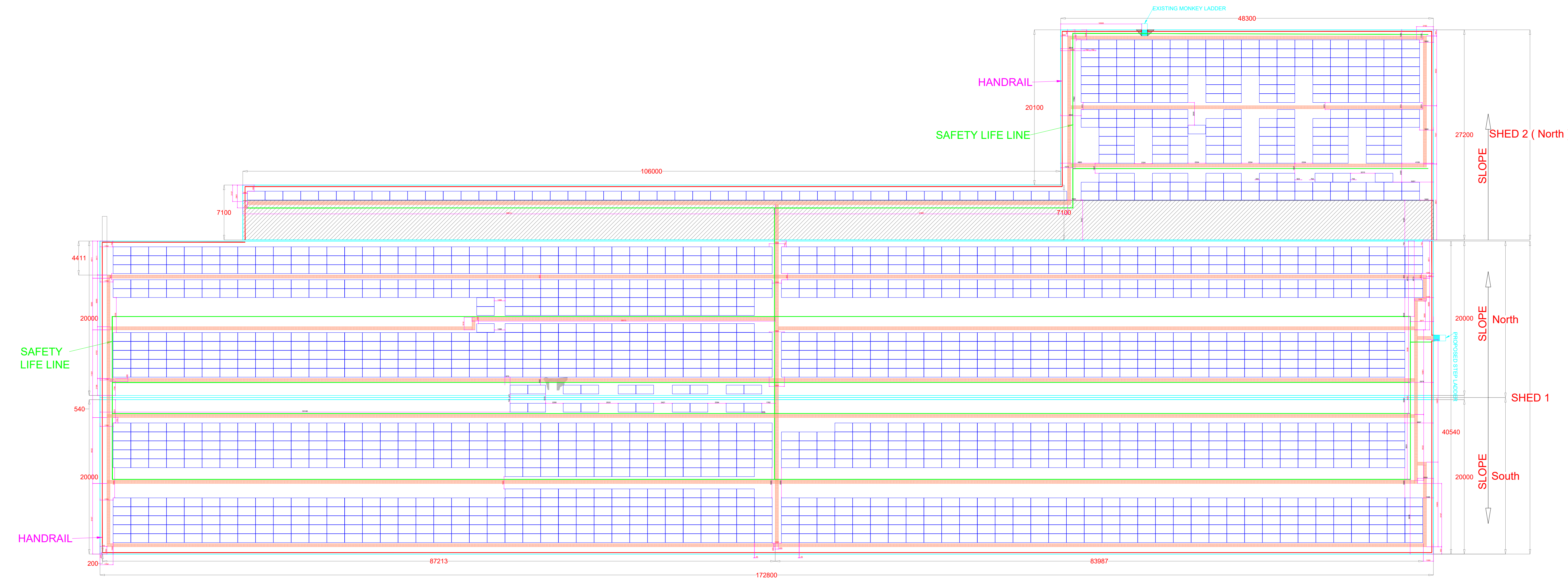
1. ALL DIMENSIONS ARE IN MM. UNLESS OTHERWISE MENTIONED.
2. ALL WORK SHALL BE CARRIED OUT AS PER DRAWING SCHEDULE OF ITEM AND THE DIRECTION OF ENGINEER.
3. DO NOT SCALE THE DRAWING ONLY WRITTEN DIMENSION TO BE FOLLOWED
4. MODULE MOUNTING STRUCTURE OF ORIANA POWER CONSIDERED FOR ARRAY LAYOUT.

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| | | |
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| | | |
| REV | DESCRIPTION | DATE |

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| | | | | | | | | | |
|---------|----------|---------------|---------------|--|------|----------|-----------------------|-------------------------|--------|
| CLEARED | | PROJECT TITLE | | 1010 KWp(DC)/875 KW(AC) TVS SRICHAKRA RUDRAPUR | | | | | |
| DEPT. | BY | DATE | SITE ADDRESS | TVS SRICHAKRA LTD. UNIT II , RUDRAPUR | | | LATITUDE LONGITUDE | 29.007256, 79.411528 | |
| MECH. | | | CLIENT | TVS SRICHAKRA LTD. | | | | | |
| ELEC. | | | EPC |  ORIANA POWER LTD | | | | | |
| CIVIL | | | DRAWING TITLE | PV ARRAY LAYOUT | | | | | |
| C & I | | | DWG.NO. | OPL-TVSD-DC ED-12 | | | SHEET NO. | 01 | |
| | SCALE : | N.T.S | PREPARED DATE | CHECKED | DATE | APPROVED | DATE | REV.-0 | |
| | SH. SIZE | A3 | PK | 07.08.24 | PK | 07.08.24 | PJY | 07.08.24 | REV.-0 |



SIDE VIEW

| | |
|---|-----------------------|
| SPV MODULE : SUMMARY (TIN SHED) | |
| PROPOSED CAPACITY | : 1010.35 kWp |
| TOTAL NO. OF PV MODULES | : 1837 |
| PV MODULE CAPACITY | : 550 WP |
| PV MODULE DIMENSION | : 2287 X 1137 X 35 MM |
| PV MODULE MOUNTING ORIENTATION | : LANDSCAPE |
| MODULE MOUNTING STRUCTURE ANGLE ON TIN SHED | : 5 |
| AZIMUTH OF PV MODULE | : 00, 180 |

| SPV Capacity Summary Details | | | | | | | | | | |
|------------------------------|--------|-------|-----|------|---------|--------|------|---------|-----|------|
| | | | | | | | | | | |
| Shed 1 | South | 5 | 0 | 760 | 418 | 1 | 240 | 132 | 125 | 1.06 |
| | | | | | | 2 | 260 | 143 | 125 | 1.14 |
| | | | | | | 3 | 260 | 143 | 125 | 1.14 |
| | North | 5 | 180 | 780 | 429 | 4 | 260 | 143 | 125 | 1.14 |
| | | | | | | 5 | 260 | 143 | 125 | 1.14 |
| | | | | | | 6 | 260 | 143 | 125 | 1.14 |
| | shed 2 | North | 5 | 180 | 297 | 163.35 | 7 | 240 | 132 | 125 |
| 57 | | | | | | | | 31.35 | | |
| | TOTAL | | | 1837 | 1010.35 | 7 | 1837 | 1010.35 | 875 | 1.15 |