



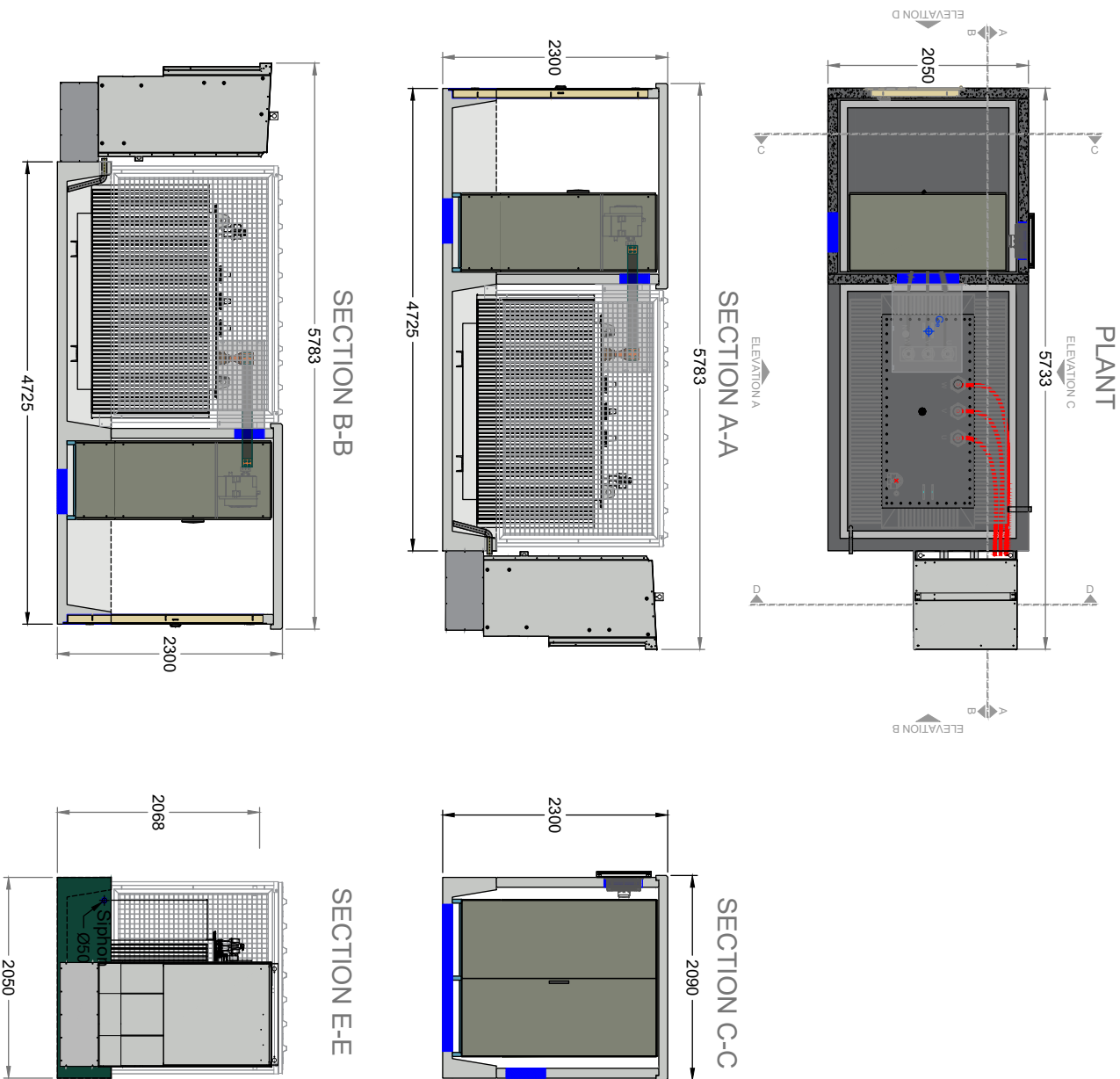
# DRAWING UP TO SPS-3000 10,5/0,8 KV

| DRAWING |     |       | CONTENT DESCRIPTION  |  |  | DRAWING |     |       | CONTENT DESCRIPTION |  |  |
|---------|-----|-------|----------------------|--|--|---------|-----|-------|---------------------|--|--|
| DRAWING | REV | SHEET |                      |  |  | DRAWING | REV | SHEET |                     |  |  |
| 0       | 0   | 000   | DRAWING INDEX        |  |  | 11      | 0   | 011   |                     |  |  |
| 1       | 0   | 001   | INTERNAL VIEWS       |  |  | 12      | 0   | 012   |                     |  |  |
| 2       | 0   | 002   | EXTERNAL VIEWS       |  |  | 13      | 0   | 013   |                     |  |  |
| 3       | 0   | 003   | CIVIL WORKS PROPOSAL |  |  | 14      | 0   | 014   |                     |  |  |
| 4       | 0   | 004   |                      |  |  | 15      | 0   | 015   |                     |  |  |
| 5       | 0   | 005   |                      |  |  | 16      | 0   | 016   |                     |  |  |
| 6       | 0   | 006   |                      |  |  | 17      | 0   | 017   |                     |  |  |
| 7       | 0   | 007   |                      |  |  | 18      | 0   | 018   |                     |  |  |
| 8       | 0   | 008   |                      |  |  | 19      | 0   | 019   |                     |  |  |
| 9       | 0   | 009   |                      |  |  | 20      | 0   | 020   |                     |  |  |
| 10      | 0   | 010   |                      |  |  | 21      | 0   | 021   |                     |  |  |

|          |      |          |            |                                       |                        |                |               |                                                                                     |                    |
|----------|------|----------|------------|---------------------------------------|------------------------|----------------|---------------|-------------------------------------------------------------------------------------|--------------------|
|          | Name | Revision | Date       | CUSTOMER:                             | PLACE OF INSTALLATION: | INSTALLATION:  | DRAWING NAME: |                                                                                     |                    |
| Realised | JSM  | 00       | 14/12/2020 | <b>SUNGROW</b><br>Clean power for all | <b>IJsselmuiden</b>    | UP TO SPS-3000 | DRAWING INDEX |  | ORIGINAL<br>FORMAT |
| Revised  | AGG  | 00       | 14/12/2020 |                                       |                        |                |               |                                                                                     | A-3                |
| Approved |      |          |            |                                       |                        |                |               |                                                                                     | 06<br>1/50         |

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| SKID-EQUIPMENT |          |  |  |
|----------------|----------|--|--|
| WEIGHT         | 17.050KG |  |  |
| Xe             | 2.483MM  |  |  |
| Ye             | 1.031MM  |  |  |

| ENCLOSURE MATERIAL DESCRIPTION |                   |
|--------------------------------|-------------------|
| Concrete                       | C35/45            |
| Reinforcement                  | B-500 S / B-500 T |
| Steel                          | S-275 JR          |
| Finish                         | RAL 6009          |
| Cover                          | 20 mm             |

| WEIGHTS                |    |             |          |
|------------------------|----|-------------|----------|
| ITEM                   | UD | Weight (kg) | TOTAL    |
| 1 EMPTY SKID           | 1  | 8600 Kg     | 8600Kg   |
| 2 TRANSFORMER 3000 KVA | 1  | 6000 Kg     | 6000Kg   |
| 3 LV PANEL             | 1  | 600 Kg      | 600Kg    |
| 4 MV SWITCHGEAR        | 1  | 450 Kg      | 450Kg    |
| 5 OTHERS               | 1  | 680 Kg      | 680Kg    |
| TOTAL                  |    |             | 16330 Kg |

NOTES:

1. EXTERNAL PAINTING RAL 6009
2. CARPENTRY EXTERNAL PAINTING RAL 6009.

|          |          |            |
|----------|----------|------------|
| Name     | Revision | Date       |
| JSAL     | 00       | 14/12/2020 |
| AGG      | 00       | 14/12/2020 |
| Approved |          |            |

CUSTOMER:  
**SUNGEROW**  
Clean power for all

PLACE OF INSTALLATION:  
**IJsselmuiden**

INSTALLATION:  
UP TO SPS-3000

DRAWING NAME:  
INTERNAL VIEW



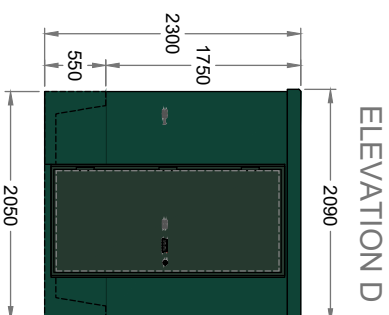
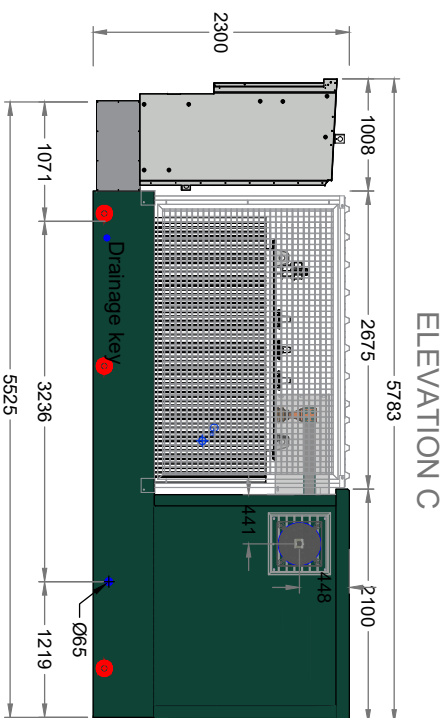
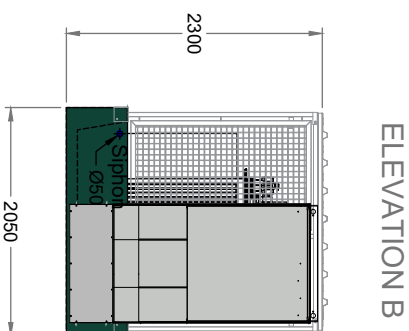
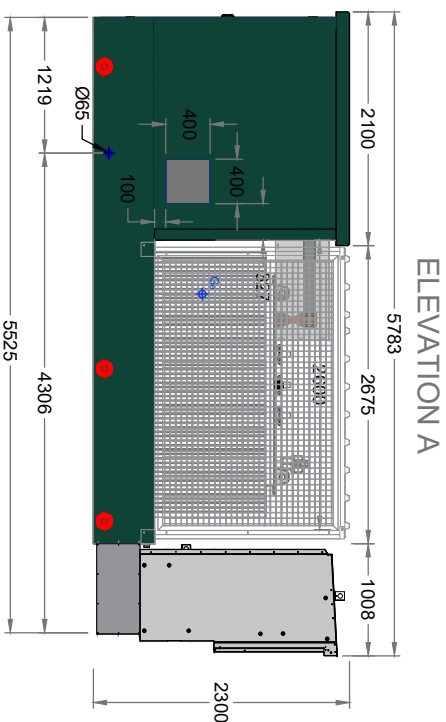
ORIGINAL  
FORMAT

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| SKID+EQUIPMENT |         |
|----------------|---------|
| WEIGHT         | 17.050K |
| C.D.G.         | Xe      |
|                | Ye      |

| ENCLOSURE MATERIAL DESCRIPTION |                 |
|--------------------------------|-----------------|
| Concrete                       | C35/45          |
| Reinforcement                  | B-500 S / B-500 |
| Steel                          | S-275 JR        |
| Finish                         | RAL 6009        |
| Cover                          | 20 mm           |

| WEIGHTS                |       |         |
|------------------------|-------|---------|
| ITEM                   | Ud    | TOTAL   |
| 1 EMPTY SKID           | 1     | 8600 KG |
| 2 TRANSFORMER 3000 KVA | 1     | 6000 KG |
| 3 LV PANEL             | 1     | 600 KG  |
| 4 MV SWITCHGEAR        | 1     | 450 KG  |
| 5 OTHERS               | 1     | 680 KG  |
|                        | TOTAL | 16330 K |

NOTES:

1. EXTERNAL PAINTING RAL 6009.
2. CARPENTRY EXTERNAL PAINTING RAL 6009

|          | Name | Revision | Date       |
|----------|------|----------|------------|
| Realised | JSM  | 00       | 14/12/2020 |
| Revised  | AGG  | 00       | 14/12/2020 |
| Approved |      |          |            |

CUSTOMER:  
**SUNGROW**  
Clean power for all

PLACE OF INSTALLATION:

INSTALLATION:  
UP TO SPS-3000

DRAWING NAME:

## EXTERNAL VIEWS

ORIGINAL  
FORMAT

DRAWING NUMBER  
**02**  
NEXT DRAWING  
**03**

A-

06  
SCALE  
DATE

GENERAL PLANT

2050

900

900

5800

Technical drawing of the front view of the machine. The overall width is 5840 mm. The machine has a dark green upper section and a grey lower section. The grey section features a large rectangular area with a grid pattern, a smaller rectangular area with three circles, and a red curved line at the bottom. Dimensions are indicated by arrows: 550, 805, 1000, 100, 1000, 2920, 600, 2300, 800, 300, 100, and 5840.

Technical drawing of the 'Tisch 120x205 cm' showing a top-down view. The table has a dark green top and a light-colored base. Dimensions are indicated: 2300 mm for the width and 2050 mm for the length. A detail view shows a cross-section of the table edge with a 200 mm height and a 10 mm thickness.

- 1- Dimensions in mm and elevation in m
- 2- Foundation valid for soils with minimum permissible stress of 150 kG/cm<sup>2</sup>
- 3- Seismic zone considered Grade 3 based on 40-0-40g
- 4- Soil category considered type II
- 5- Concrete cabin must be supported at least 150mm in each footing
- 6- Filling with material from stratum US1-G, UG2 or UG3 which must be compacted until a density equal or higher than 95% of the maximum modified proctor test

7.- It is recommended to perform a manhole at MV side in order to avoid vertical stress to the bursting of the switchgear once MV trench is backfilled. If it is not performed a MV manhole, it is recommended not to backfill the trench until connecting the MV cabling in the switchgear since it would allow an easier laying and connection of the cabling

\*Note that Foundation proposed is just a sample and final design must be re calculated by the customer unless this scope has been ordered to Meins

| WEIGHTS                |       |          |
|------------------------|-------|----------|
| ITEM                   | Ud    | TOTAL    |
| 1 EMPTY SKID           | 1     | 9800 Kg  |
| 2 TRANSFORMER 3000 KVA | 1     | 6000 Kg  |
| 3 LV PANNEL            | 1     | 600 Kg   |
| 4 MV SWITCHGEAR        | 1     | 4500 Kg  |
| 5 OTHERS               | 1     | 660 Kg   |
|                        | TOTAL | 16300 Kg |

Technical drawing of a mechanical assembly, likely a mold or a frame, showing dimensions in millimeters (mm).

The drawing includes the following dimensions:

- Overall width: 1000 mm
- Overall height: 3995 mm
- Top section width: 1050 mm
- Top section height: 805 mm
- Central section width: 1750 mm
- Central section height: 5800 mm
- Bottom section width: 1050 mm
- Bottom section height: 1000 mm

The assembly consists of a central rectangular frame with a smaller rectangular opening in the center. The frame is supported by four vertical pillars. The top and bottom sections are connected by a central horizontal bar. The dimensions indicate a large, rectangular structure with a central opening and a smaller opening at the bottom.

[illegible]

| WEIGHTS                |       |          |
|------------------------|-------|----------|
| ITEM                   | Ud    | TOTAL    |
| 1 EMPTY SKID           | 1     | 9800 Kg  |
| 2 TRANSFORMER 3000 KVA | 1     | 6000 Kg  |
| 3 LV PANNEL            | 1     | 600 Kg   |
| 4 MV SWITCHGEAR        | 1     | 4500 Kg  |
| 5 OTHERS               | 1     | 660 Kg   |
|                        | TOTAL | 16300 Kg |

[illegible]

**GENERAL PLANT**

5800

2050

900

**SECTION A-A**

5840

2300

**SECTION B-B**

2050

2920

1000

1000

805

550

600

100

300

600

**NOTES:**

1 - Dimensions in mm and elevation in m