

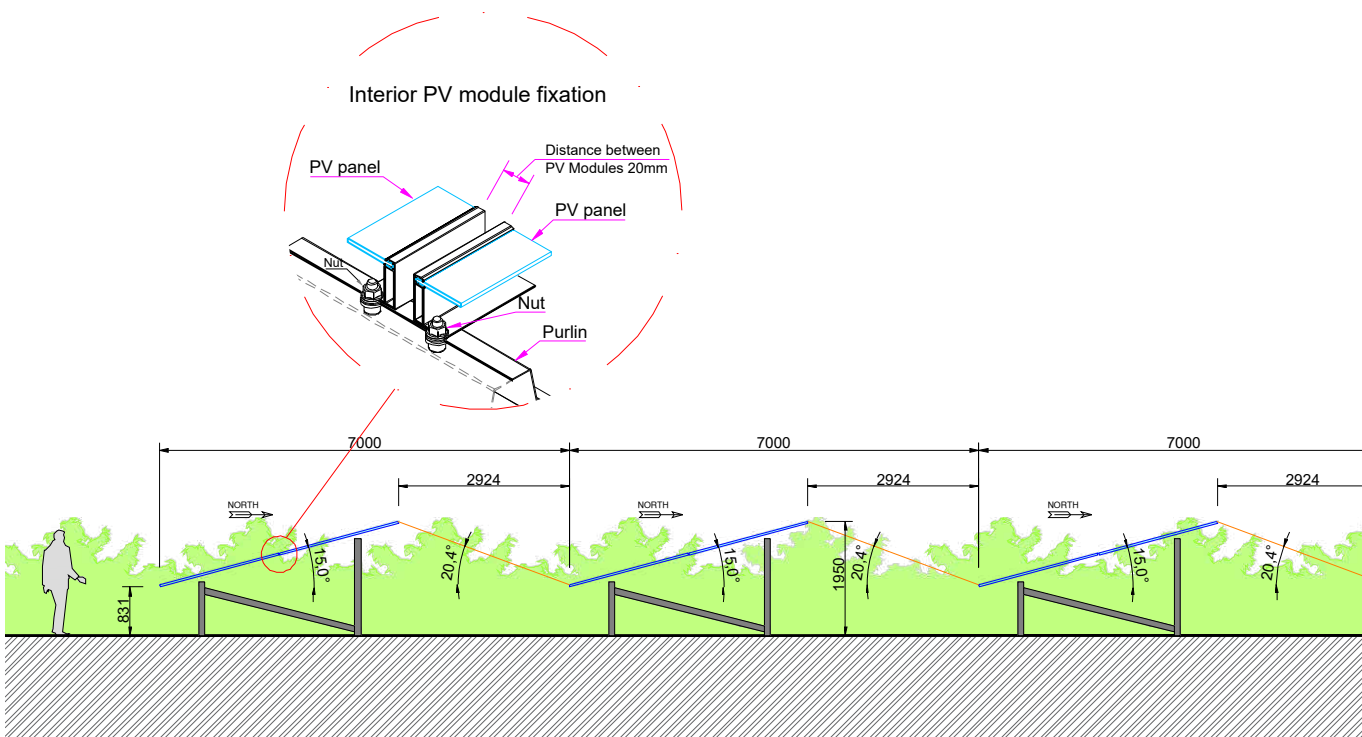


GA - General Arrangement of Ground Mounted system  
Scale 1:650

- Notes:
- For the Modules Structure preliminary design refer to Drawing ME-500.
  - For the Inverter Structure preliminary design refer to Drawing ME-300.
  - For the IKAROS Transformer Station preliminary design refer to Drawing CV-151.
  - For the Lander Transformer Station preliminary design refer to Drawing CV-152.
  - For the Fence and Gate preliminary design refer to Drawing CV-153.



GA - Location  
No Scale



ME - Ground Mounted Structure - Side View  
No Scale

**Legend**

- Ground Mounted 20x2 PV Modules Table
- Inverter Area (19x Inverter)
- IKAROS Transformer Station (2MVA) (ITS)
- Grid Connection Point (Lander) (GCP)
- Fencing and Entrance Gate
- Medium Voltage Trench (AC Cable between ITS and GCP)
- LV Concrete Cable Trough (AC Cables between Inverter Area and ITS)
- DC Concrete Cable Trough (2x) (DC Cables (+/-) will be installed on separate concrete cable trough from PV Structure to the Inverter Area)

**PRELIMINARY DESIGN**  
25-ago-2020  
THIS IS A PRELIMINARY CONCEPT DRAWING AND FOR DISCUSSION PURPOSES ONLY. THIS DESIGN IS SUBJECT TO CHANGE.

**AC/DC CONCRETE CABLE TROUGH (CROSS-SECTION)**  
**AC/DC CONCRETE CABLE TROUGH (3D VIEW)**

**Quantity Map**

Brand	Type	Power	Size (mm)	Weight (kg)	Orientation	Tilt (°)	Azimuth (°)	Quantity (pcs)	Power (kWp)
Suntech	STP445S-B72V/nh	445	2095 x 1039 x 35	24.5	Portrait	15	+3	6080	2705.6

**Start Date:** 1.1  
**End Date:** 12.31  
**Elevation:** -2.77  
**Longitude:** 4.77  
**Latitude:** 52.3  
**AMSTERDAM, NLD**

**0 10 20 30 40 50m**

R01 Revision 01	PR	JC	20-Aug-2020
R00 Initial Drawing Release	PR	AA	27-May-2020
REV. MODIFICATION:	DESIGNED BY:	APPROVED BY:	REVISION DATE:
KOOTWIJKERBROEK GREENSPREAD		IKAROS SOLAR NV Metropoolstraat 30-32A 2000 Schoten Belgium T: +32 (0)3 641 64 80 info@ikaros-solar.eu www.ikaros-solar.eu	IKAROS SOLAR NV Metropoolstraat 30-32A 2000 Schoten Belgium T: +32 (0)3 641 64 80 info@ikaros-solar.eu www.ikaros-solar.eu
TITLE: GA - General Arrangement of PV Modules		SUB-CONTRACTOR(S): /	
PROJECT STAGE: Preliminary		PROJECT N°: / DRAWING N°: GA-100	
PROJECT ADDRESS: Garderbroekerweg 3774 JE Kootwijkerbroek, Netherlands		DEPARTMENT: Engineering	
TOLERANCE: -		UNITS: mm	DATE CREATED: 25-ago-20
DRAWING FILE NAME: SA_NL-Kootwijkerbroek_GA-100_R02.dwg		FORMAT: A1	SCALE: 1:650