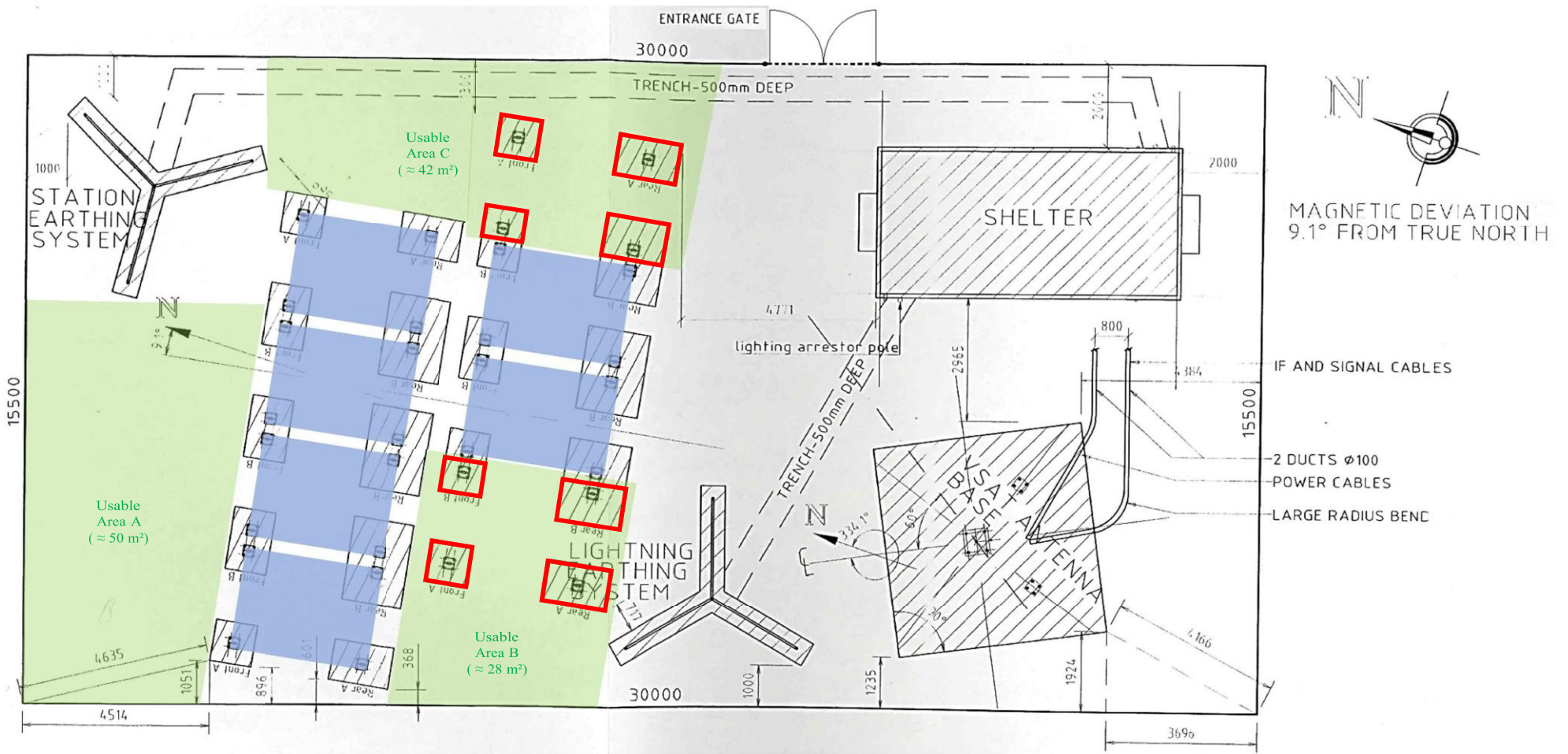
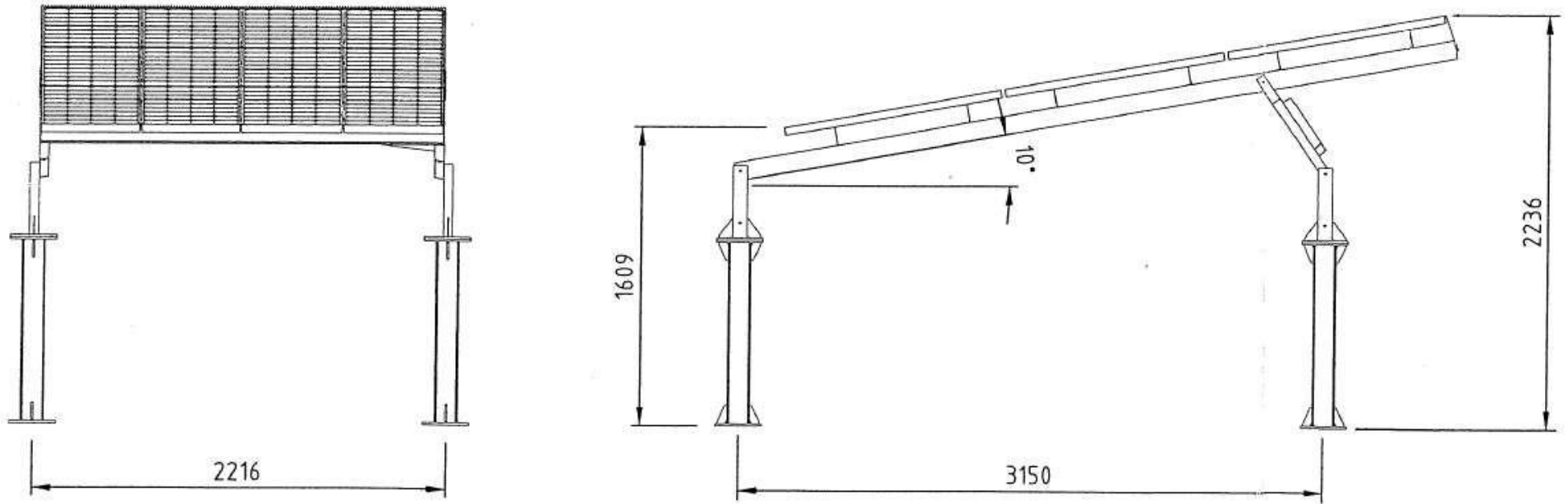


Drawing No. 1 - Station Shelter



Drawing No. 2 – Agalega Station Premises



Drawing No. 4 – PV Mounting Structure

Chapter 3 – Grid Code Requirements and Safety Aspects

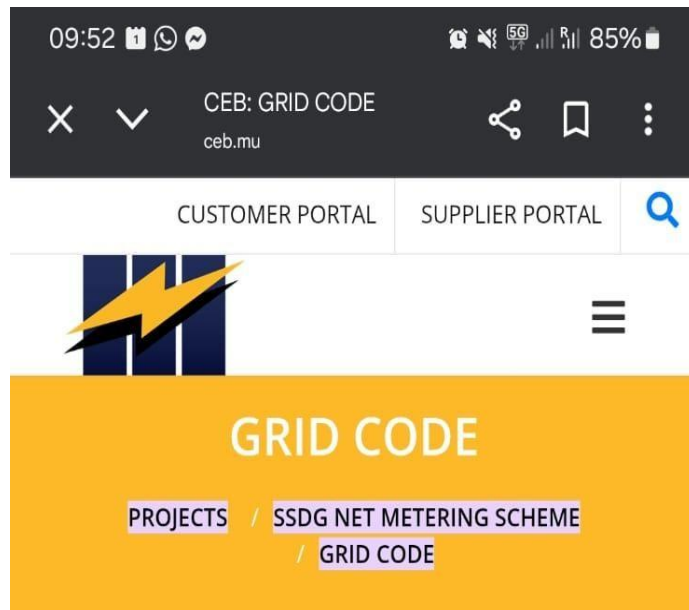
1.0 Design Parameters

The SSDG shall be connected to the 230/400 V system and operated within the parameters as listed in Table 1 below. The SSDG has to be functioning and protect itself within the range of the voltages, currents and frequencies existing in the CEB's grid.

Description	Range
Voltage	230/400 V \pm 6 %
Short Circuit Characteristics	(1 sec) 18 kA, (50 Hz)
Nominal Frequency	50 Hz
Statutory Frequency Deviation	50 Hz \pm 1.5 %
Operating Frequency Range	47 Hz – 52 Hz

Table1: Normal operating parameters of the CEB's Low Voltage grid

The CEB LV grid is designed as a TT system. The above values are mandatory for all SSDGs. Some



The Grid Code 2015 describes the technical criteria and requirements for interconnection of Small Scale Distributed Generators (SSDG) with CEB's low voltage (230/400V) network systems. The Grid Code caters for the production of electricity from the following renewable technologies:

- Photovoltaic (PV)
- Wind Turbine

The Grid Code 2015 addresses connection of electricity producers under the "CEB 2015 SSDG Net-Metering Scheme" for the following two categories of customers:

- Category 1: Domestic Customers excluding IRS, RES and 3-phase Domestic



Solar Project - Voltage Parameters - Annex 3

