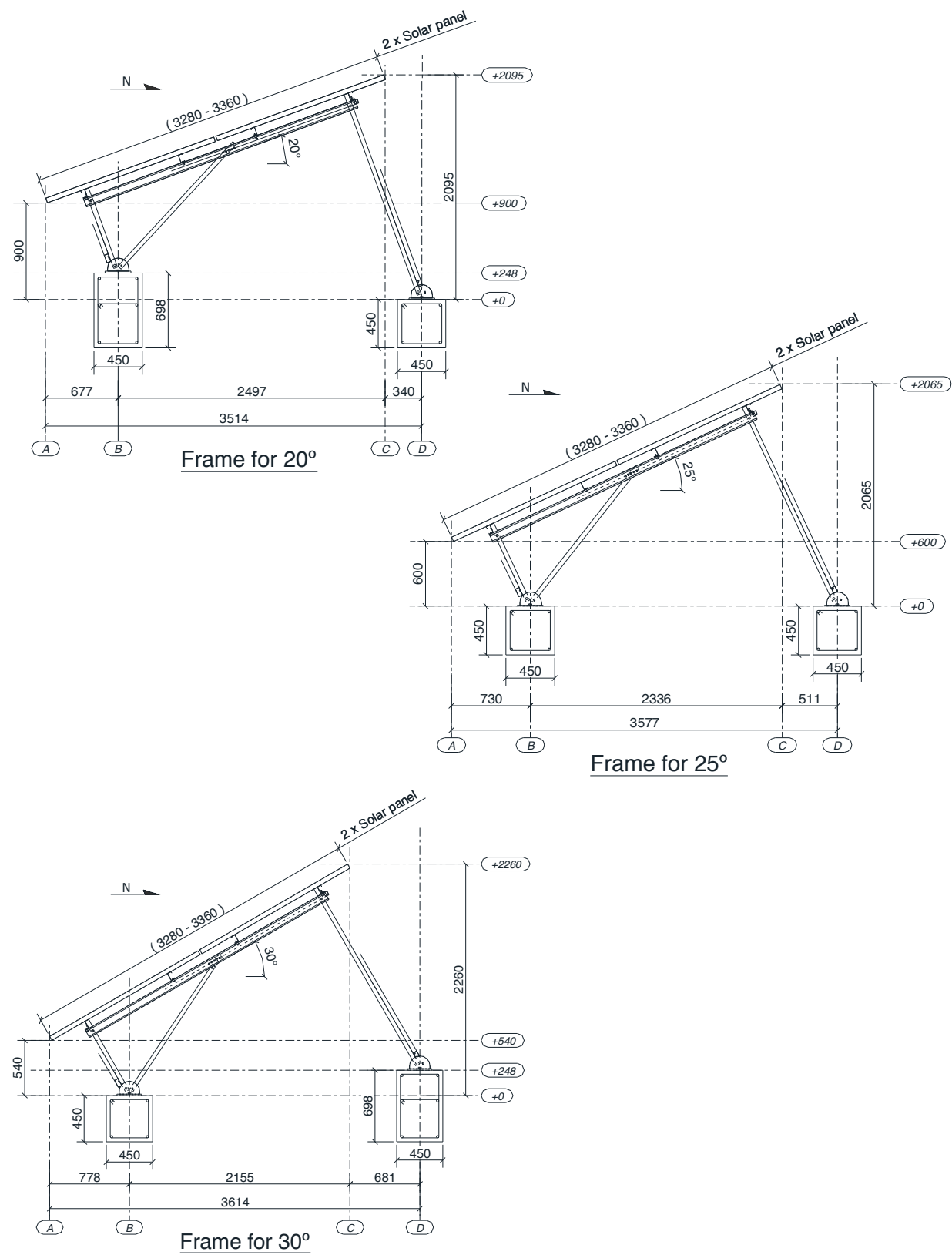


SECTION VIEWS



All dimensions are in mm



HEADQUARTERS:
BELGIUM
voestalpine SadeF nv
Bruggesteeweg 200
B-8830 Gits
T. +32 51/26 12 11
F. +32 51/26 13 01
sadeF.solar@voestalpine.com

REPRESENTATIVE OFFICES:
THE NETHERLANDS
W. Witsenplein 4
2596 BK Den Haag, The Netherlands
T. + 31 70 324 28 02
F. + 32 51 26 16 13
sadeF.solar@voestalpine.com

FRANCE
2, Bd Albert 1er
94130 Nogent-s-Marne, France
T. +33 1/43 24 60 11
F. +33 1/43 24 60 01
sadeF.solar@voestalpine.com

GERMANY
Franz-Tilgner-Straße 10
50354 Hürth, Germany
T. + 49 22 33 20 11 48
F. + 49 22 33 20 28 85
sadeF.solar@voestalpine.com

www.voestalpine.com/sadeF

voestalpine
ONE STEP AHEAD.



THE STANDARDISED GROUND MOUNT STRUCTURE

voestalpine SadeF nv

voestalpine
ONE STEP AHEAD.

TECHNICAL DETAILS

DESIGN

- » Base structure: 2x6 PV-panels
- » Other options: 2x5, 2x4, 2x3 PV-panels (by shortening the purlins and moving/deleting frames)
- » Tilt: 20°, 25° or 30°
- » Clearance: see section view
- » On foundation (not provided by voestalpine Sadef)

FEATURES

- » Valid for panel lengths 1630-1670mm and panel widths 980-1000mm
- » Portrait panel arrangement
- » PV-panels clamped to purlins

MATERIAL

- » Foundation base: hot-dipped galvanized
- » Profiles Zinc Magnesium (ZM310)
- » Fastenings: Stainless Steel (A2)

OPTIONAL

- » Earthing of the panels
- » Anti-theft

TO BE CARRIED OUT/PROVIDED BY CUSTOMER

- » Foundations and anchors
- » Panel fixings

BENEFITS

- » Quick and easy mounting
- » Ready-to-assemble (KIT)

STRUCTURAL ANALYSIS

- » Structural design according to Eurocode and its corresponding national application document



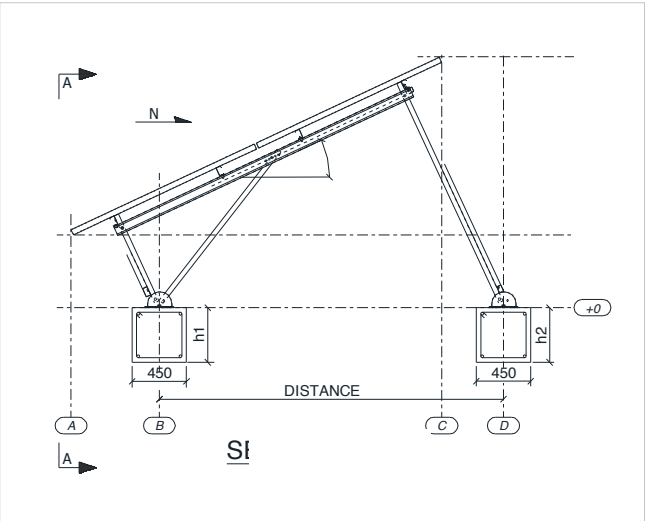
FOUNDATION DESIGN

Below information is intended to provide an estimation for preliminary design purposes. A specialized engineer should make final design after further soil investigation. For very weak soil or very fine-grained sands, ask specialized advice.

FOUNDATION PREDESIGN BASED ON

- » Moderately good soil
- » Ø' - 30°
- » q = 15 kN/m2
- » Concrete C25/30

FOUNDATION LENGTH		
TILT	h1	h2
20	698	450
25	450	450
30	450	698



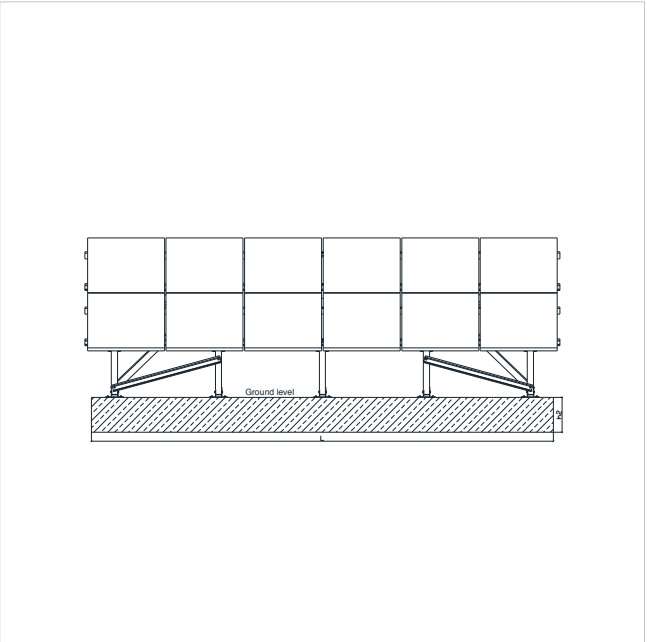
section view

TO BE USED IN FOLLOWING REGIONS

(FOR TERRAIN CAT. II)

- » Belgium
- » Netherlands: for wind zone 1, 2, 3
- » Germany: for snow zone 1, 2, 3 and wind zones 1, 2
- » France: for wind zones 1, 2, 3, 4 and snow zones up to C2 (below 500m AMSL)
- » UK

voestalpine Sadef is not responsible for the design and execution of the foundations. This is a concept design for information only prepared by Establis. A final foundation design will be needed per specific project and can be ordered to the engineering company, e.g. Establis: www.establis.com



section view