PREFABRICATED FOUNDATIONS
Self Supporting Lattice Towers

11-04-2016

PF306

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Concrete element with embedded foundation bolts made for use with triangular standard tower section 306.

The element is designed so that it has the same strength as the section for which it is made.

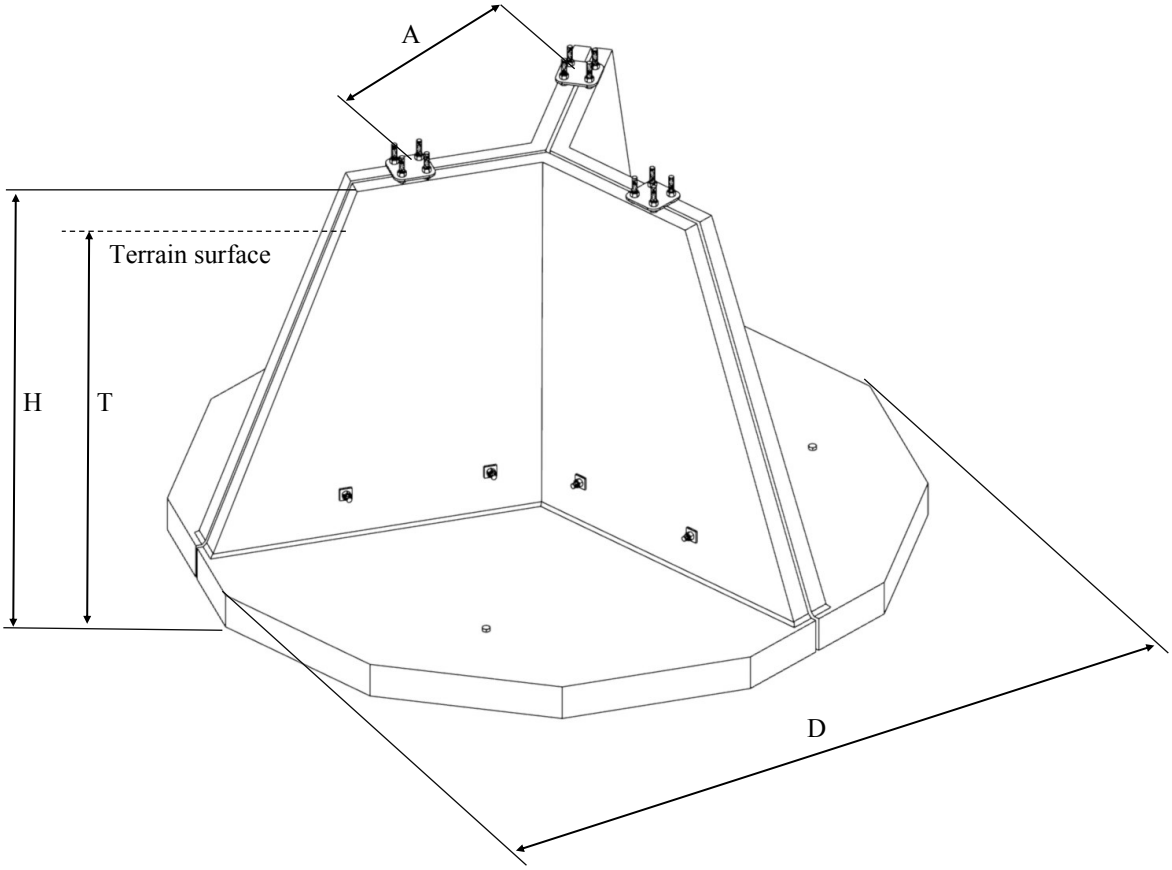
The element is also equipped with embedded lugs at the top of the base for attachment of ring bolts for lifting during erection

Installation
The pre-fabricated foundation is lifted down into a levelled layer of sand (5-10 cm), after which a check is made to ensure that it is horizontal and correctly placed.
The excavated soil is then filled back in if its effective density is min. 1800 kg/m³.
The tower is mounted on the foundation bolts and it can be adjusted to vertical with the nuts under the foot plates.

Subsoil
Dimensioning assumes a subsoil under the bottom side of the foundation not less than

Cohesionless soil with $\Phi \geq 30°$ or
Clay with $Cv \geq 80kN/m^2$.

The highest water table must be lower than the bottom side of the foundation.
Geotechnical Category 2 and Reliability Class CC2 is assumed. The subsoil must be tested in accordance with EN 1997-1, Geotechnical design - Part 1: General rules.



Type	Diameter D	Height H	Foundation T	Root dimension A	Aprox. Weigt kg	Bolts
PF306	3,40	2,00	1,85	1,15	3x 3500	3x4 M30