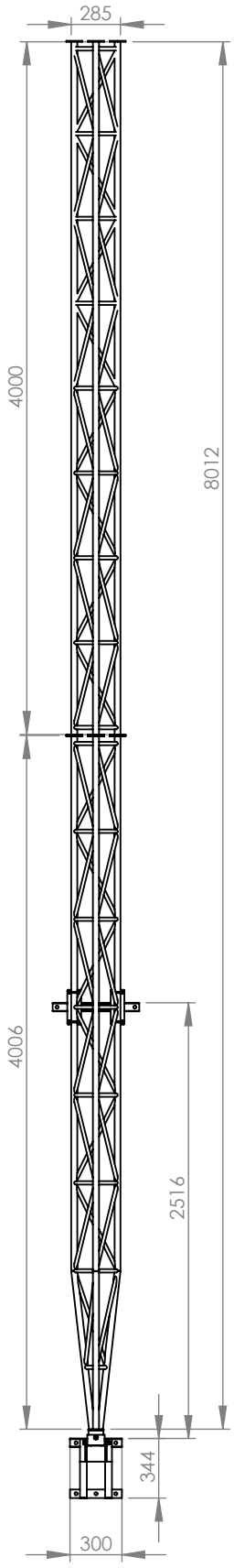
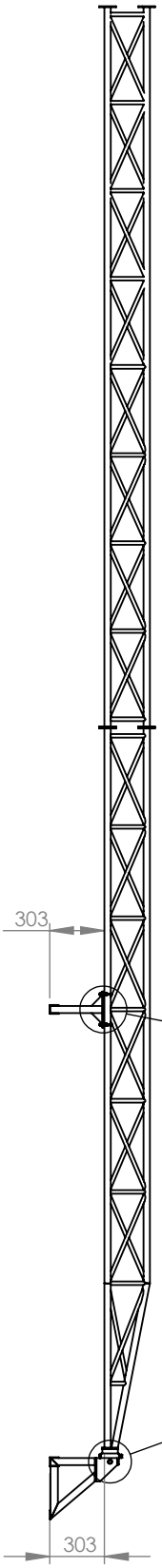
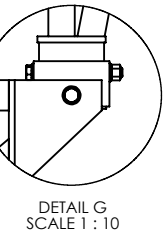




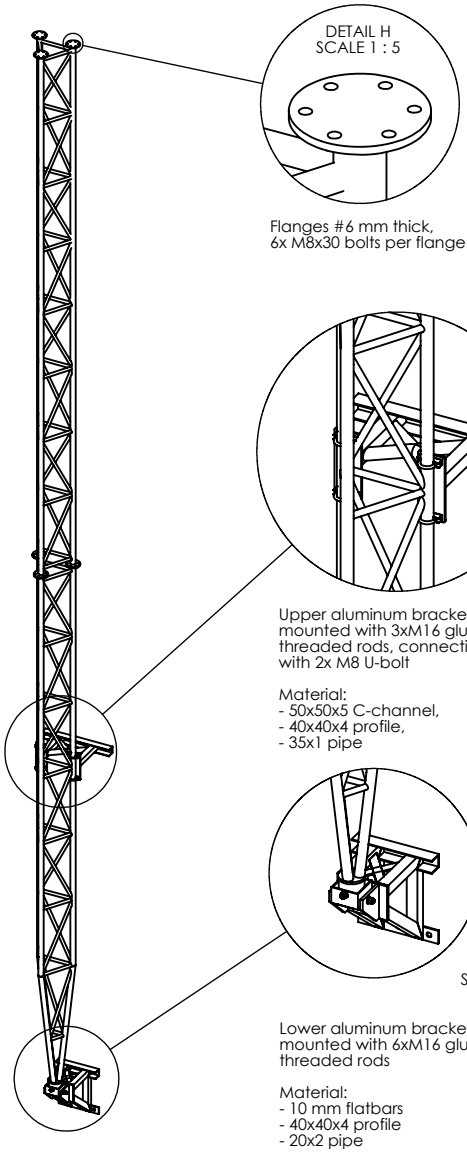
Double M8 U-bolt

DETAIL F
SCALE 1 : 20



Lower Swivel Base

DETAIL G
SCALE 1 : 10



DETAIL H
SCALE 1 : 5

Flanges #6 mm thick,
6x M8x30 bolts per flange

DETAIL I
SCALE 1 : 20

Upper aluminum bracket
mounted with 3xM16 glued
threaded rods, connection to the mast
with 2x M8 U-bolt

Material:
- 50x50x5 C-channel,
- 40x40x4 profile,
- 35x1 pipe

DETAIL J
SCALE 1 : 25

Lower aluminum bracket
mounted with 6xM16 glued
threaded rods

Material:
- 10 mm flatbars
- 40x40x4 profile
- 20x2 pipe

Technical specifications:

Dimmensions:
- truss width 285 mm, 250 in axis
- 2 meters sections
- 3 sections in set
- minimal spacing 2 meters between brackets
- wall to mast spacing 300 mm
- weight total 35 kgs

Sections profiles:
- 35x2 main pipes,
- 20x2 cross members,
- #6 mm plate on flanges dia 94 mm

Allowable load:
- for wind and icing zone 1 (Eurocode) max 0,5 square meters of antennas at the mast top
- always place upper holder between truss nodes as in drawing, never in the middle of the truss window - this may lead to mast failure

Installation:

For concrete full bricks drill 9 holes of minimal depth 250 mm each, blow any residue dust from holes inside (use pump or compressor).
Apply chemical anchor, and glue threaded rods in. Always observe glue manufacturer manual instructions.
For hollow brick walls it is necesary to use nylon sleeves alignment stud collars for chemical resin anchors

altruss®