

Project:

# the private house in El Palol

property: Mas Palol (Can Fages), municipal area: Torroella de Fluvià, county: l'Alt Empordà, Spain

Investor:

Zain Maitreya, s.l., Margenat 23, 08017 Barcelona, Spain



ak. arch. Oldřich Hozman

Na Zájezdu 16, 101 00 Praha 10

Czech Republic

Czech Chamber of Archifects Reg. no.: 01284

tel + 4 2 0 2 3 5 3 1 1 6 2 2

www.arc.cz | arc@arc.cz

Architect: ak. arch. Oldrich Hozman	Drawn by: Ing. arch. Jan Soukup Ing. Tomas Stopka	Profession: CONSTRUCTION	Format:
Structural engineer:		Checked by:	/ <del>\</del> 4
Joan Carles Capilla Ten and Maria Pia Monaco Baques, arquitectes		arch. Arturo de la Maza	

Drawing:	Project stage:	EXECUTIVE PROJECT	Drawing number:
IRONMONGERY ELEMENTS	Scale:	1 : 5, 1:10	COLIE
SCHEDULE	Date:	07 / 2011	



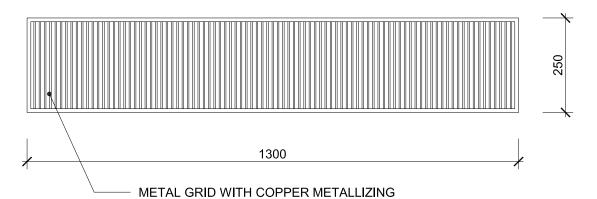
# grid for kerbstone of ventilation channel

Note: dimensions serve only for cost-evaluation purposes. Exact measurements to be taken on site prior to construction.

### SIDE VIEW



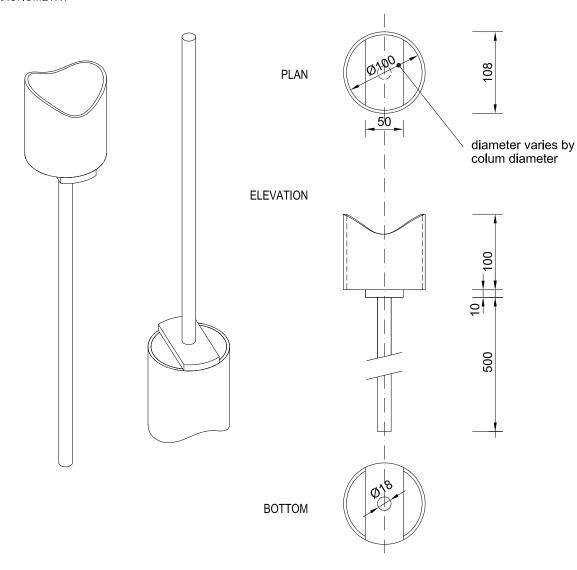
### **PLAN VIEW**



column foot

Note: dimensions serve only for cost-evaluation purposes. Exact measurements to be taken on site prior to construction.

#### **AXONOMETRY**



Note:

This foot will be used for all exterior columns. Diameter changes by column width.

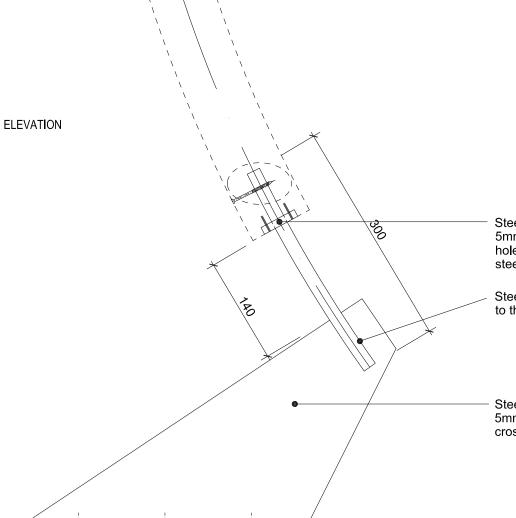
number of foots with inner diameter:

12 x Ø 100 mm 6 x Ø 130 mm 2 x Ø 200 mm



## steel column foot for terrace's posts

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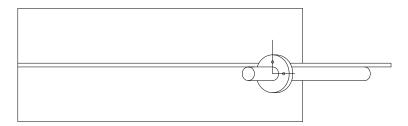


Steel circular plate th. 5mm, with drilled circural hole Ø 29mm. Welded to steel rod.

Steel rod Ø 18mm welded to the anchor plate

Steel anchoring plate th. 5mm bolted to the main cross-laminated board

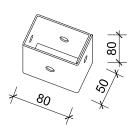
PLAN



## anchoring for terrace beams

Note: dimensions serve only for cost-evaluation purposes. Exact measurements to be taken on site prior to construction.

square hollow section 80/80/2mm with two drilled holes Ø 10mm for steel bar and two holes in cross direction for steel tie bolt



steel tie bolt (to tie together two wooden terrace beams with inserted square hollow section)

steel reinforcement bar Ø 10mm with screw thread end (shape and length varies, built-in foundations)