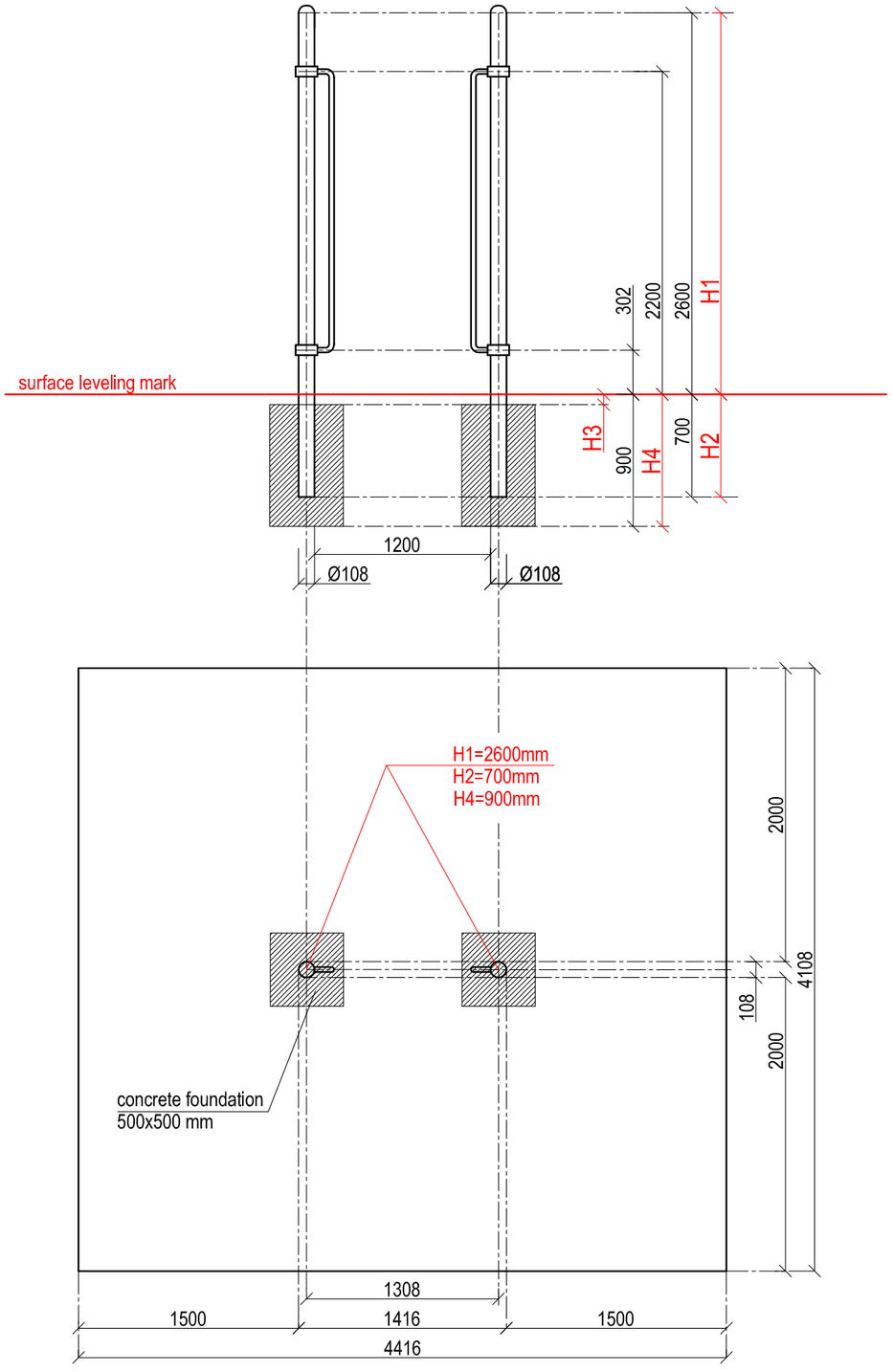
SCALE 1:40



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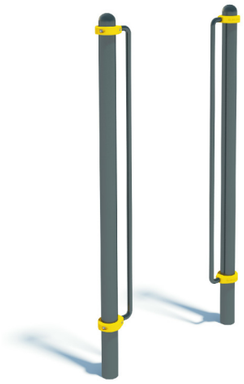
P-002 PARAKENGURU Climb-down bars



The complex consists of two backup columns at the height of 2600 mm. Climb-down bars are fixed at the height of 2200 mm and are fixed to the backup columns by means of collars. The distance between backup columns is 1200 mm. Climb-down bar diameter 34 mm, total lenght of bars - 1932mm. Weight - 80.00 kg.

Installation instructions:

- *Choose a suitable underground for the unit* ***(see page 2, table 2)!***
- *Prepare the construction pit with a drilling machine or other devices.*
- *Before pouring the concrete all structures elements must be leveled and fixed.*
- *Complex elements must be fixed and bolted together with metal clamps.*
- *Ready-made C25 concrete should be used.*
- *Crossbars installation height can be changed according to customer's wishes.*
- *Approximately 0,15m³ concrete is needed for each spot foundation.*
- *Under the structures we recommend to install absorbing rubber cover.*

The size of the hole for the foundation is depending on the consistency of the ground. The dimensions mentioned above are applicable for normal conditions with firm ground. If the ground is extremely soft, a much bigger foundation is needed. Use only appropriate material and follow the installation instructions closely!!!

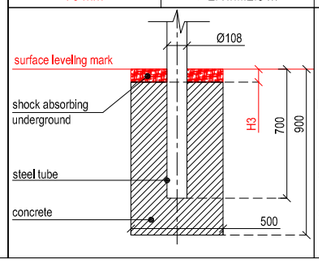
Foundation plan and area of movement of the P-002 PARAKENGURU Climb-down bars

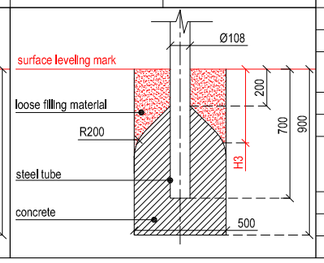
Foundation when using Shock absorbing underground (syntethic – rubber granulates)

H3	Drop helght
40 mm	> 1.2.....1.4 m
50 mm	> 1.5.....1.7 m
60 mm	> 1.8.....2.0 m
70 mm	> 2.1.....2.5 m

Beveling of foundation when using loose filling material

H3	Drop helght
20 cm	< 1.0 m
30 cm	< 2.0 m
40 cm	< 3.0 m





Technical information

width:	108 mm	
height:	2650 mm	
lenght:	1416 mm	
largest part:	3350 mm	
weight:	80.00 kg	
floor space required	4108 x 4416 mm	
pipe measurements:	diameter:	wall thickness:
	108 mm	3.2 mm
	33.7 mm	3.2 mm
metal parts:	steel, galvanized, powder coated RAL 7016 (anthracite grey)	
metal clamps:	aluminium, powder coated, RAL 2004 (pure orange)	
bolts for metal clamps	stainless steel, Pin Hex Button Head Security Screws M10	
max. free fall height:	< 2200 mm	possible underground see DIN 79000:2012-05 Tab.2 or installation instructions
user age:	children under 14 years only under surveillance of parents	
maximum user weight:	130 kg	
certificates:		