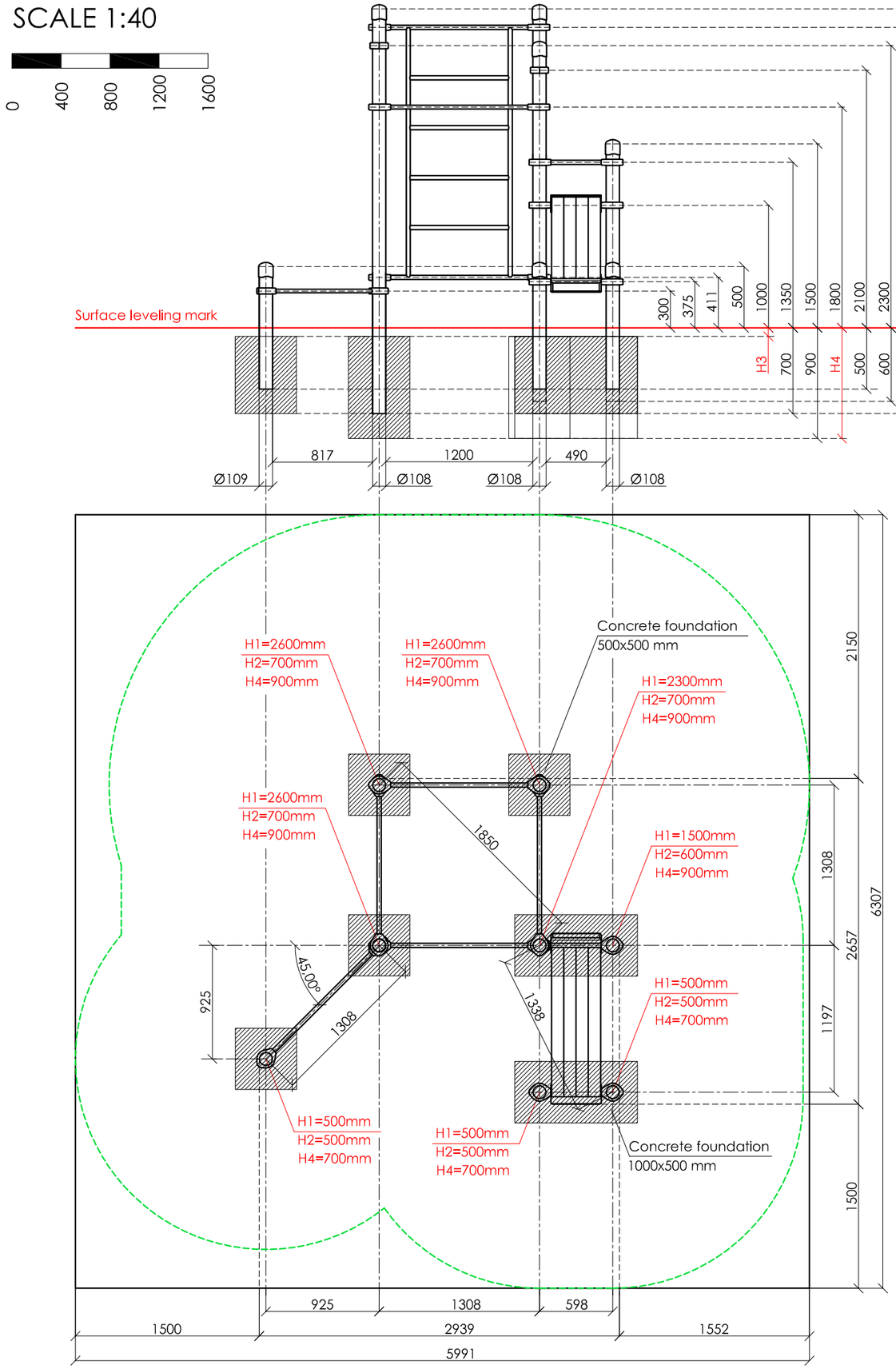

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K-021 KENGURU New

The complex consists of eight vertical columns of different height, three crossbars 490 mm in length, four crossbars 1200 mm in length, Swedish wall and a aluminium bench for abs. Optionally, two 1200 mm crossbars can be re-designed into 1758 mm. Height of the Swedish wall - 2073 mm. The distance between the crossbars of the Swedish wall - 407 mm. Construction is secured together with siluminium clamps. Weight- 165,6 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!!!

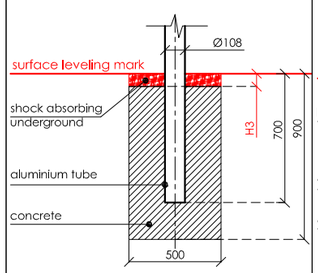
Foundation plan and area of movement of the K-021 KENGURU New

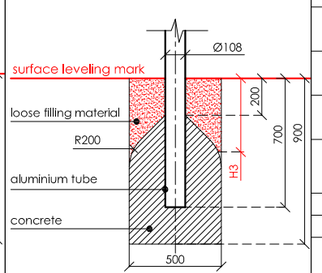
Foundation when using Shock absorbing underground (syntethic – rubber granulates)

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





Technical information

width:	2657 mm	
height:	2650 mm	
lenght:	2939 mm	
largest part:	3350 mm	
weight:	165,6 kg	
floor space required	6307 x 5991 mm	
pipe measurements:	diameter:	wall thickness:
	108 mm	3.0 mm
	33.7 mm	3.0 mm
columns Ø108mm:	anodized profiled aluminium tube AW6060 (Silver color)	
elements:	stainless steel AISI 304, brushed surface	
metal clamps:	siluminium, powder coated, RAL 9005 (pure black)	
bolts for metal clamps	stainless steel, Pin Hex Button Head Security bolts M10	
bench beam measurements.	Height, width (mm)	Length (mm)
	100x100	1500
aluminium beams	silver color, anodized AW 6060, 2,0 mm	
max. free fall height:	< 2450 mm	possible underground see DIN 79000:2012-05 Tab.2 or installation instructions
user height:	> 140 cm	
maximum user weight:	130 kg	
certificates:	TÜV Rheinland InterCert Kft.	