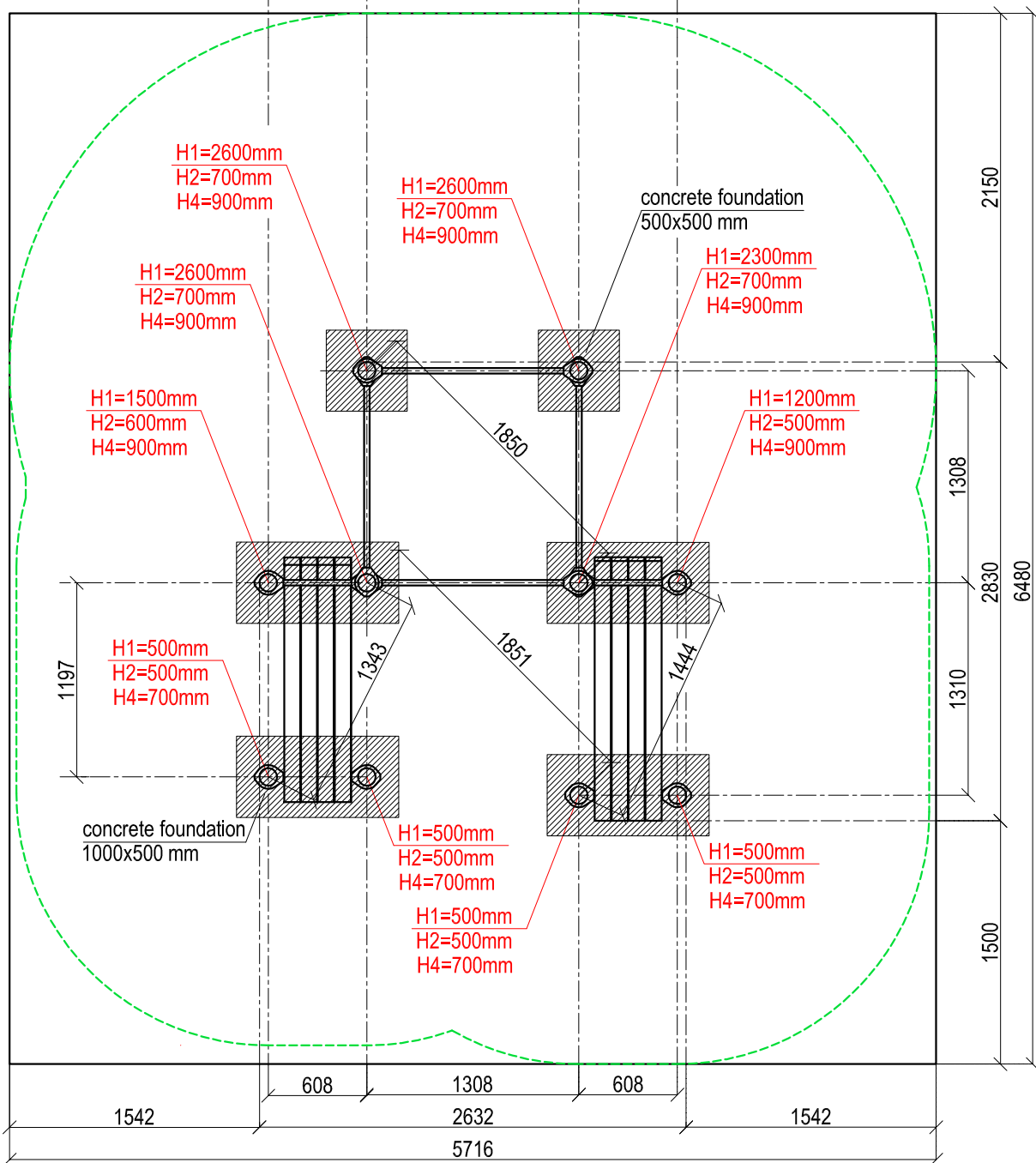
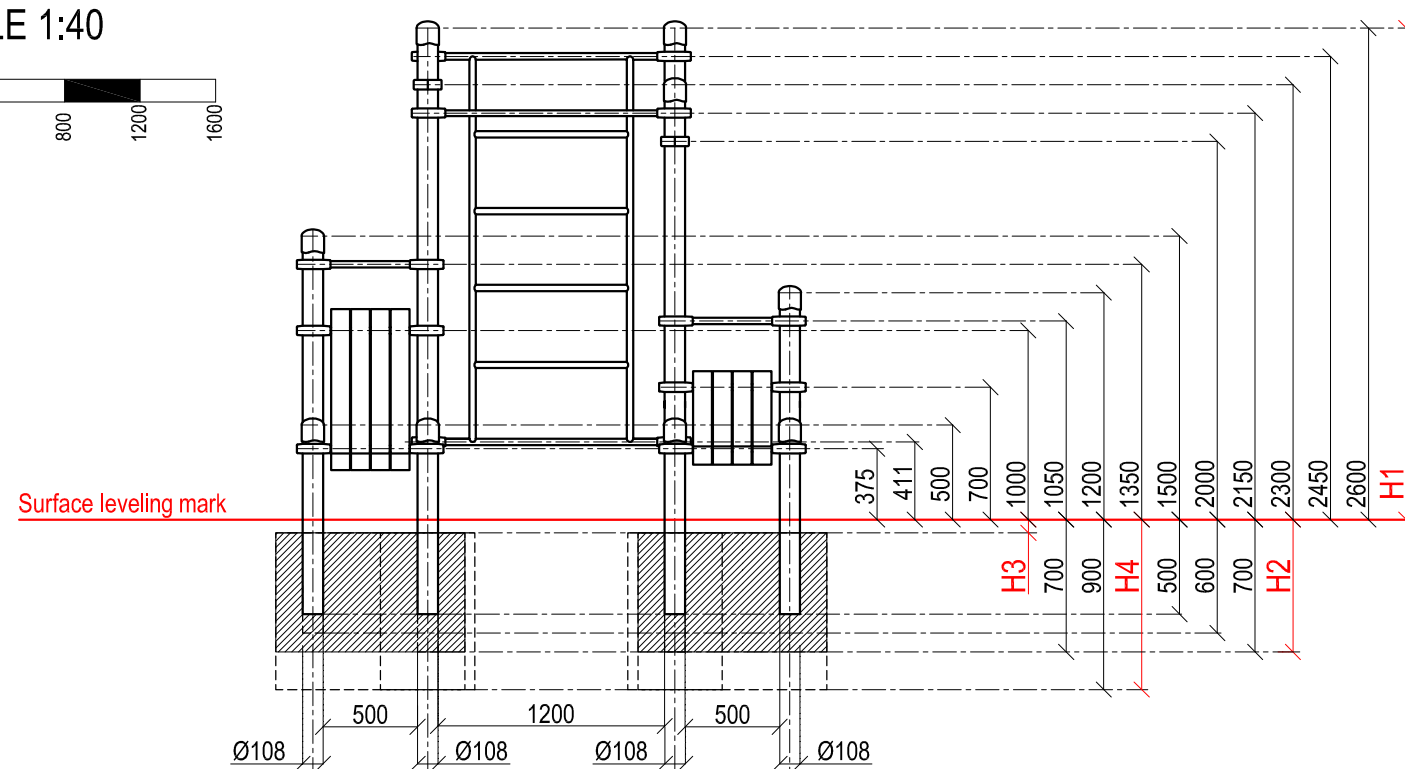
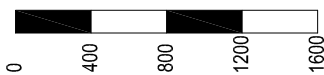


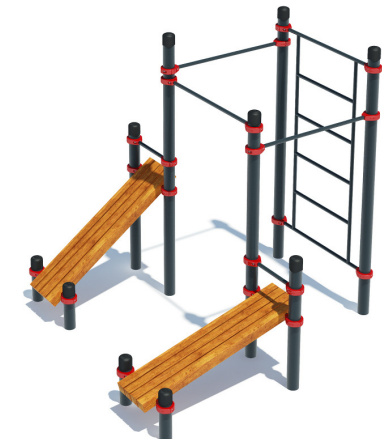
SCALE 1:40



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K-013

KENGURU Standard



The complex consists of ten vertical columns of different height, six crossbars 500 mm in length, three crossbars 1200 mm in length, Swedish wall and two wooden benches for abs. Optionally, two 1200 mm crossbars can be re-designed to be 1758 mm in length. Height of the Swedish wall - 2073 mm. The distance between the crossbars of the Swedish wall - 407 mm. Construction is secured together with aluminium clamps. Weight 349.8 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-013 KENGURU Standard				Technical information				
Foundation when using Shock absorbing underground (synthetic – rubber granulates)		Beveling of foundation when using loose filling material		width:	2632 mm			
H3		H3		height:	2650 mm			
40 mm	Drop height > 1.2.....1.4 m	20 cm	Drop height < 1.0 m	length:	2830 mm			
50 mm	> 1.5.....1.7 m	30 cm	< 2.0 m	largest part:	3350 mm			
60 mm	> 1.8.....2.0 m	40 cm	< 3.0 m	weight:	349.8 kg			
70 mm	> 2.1.....2.5 m			floor space required:	5716 x 6480 mm			
				pipe measurements:	diameter:	108 mm	wall thickness:	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			
				wooden beam measurements:	Height, width	Lenght		
					92 x 100	1650		
				wooden parts:	SAYERLACK painted, NCS S3030-Y30R			
				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.			

