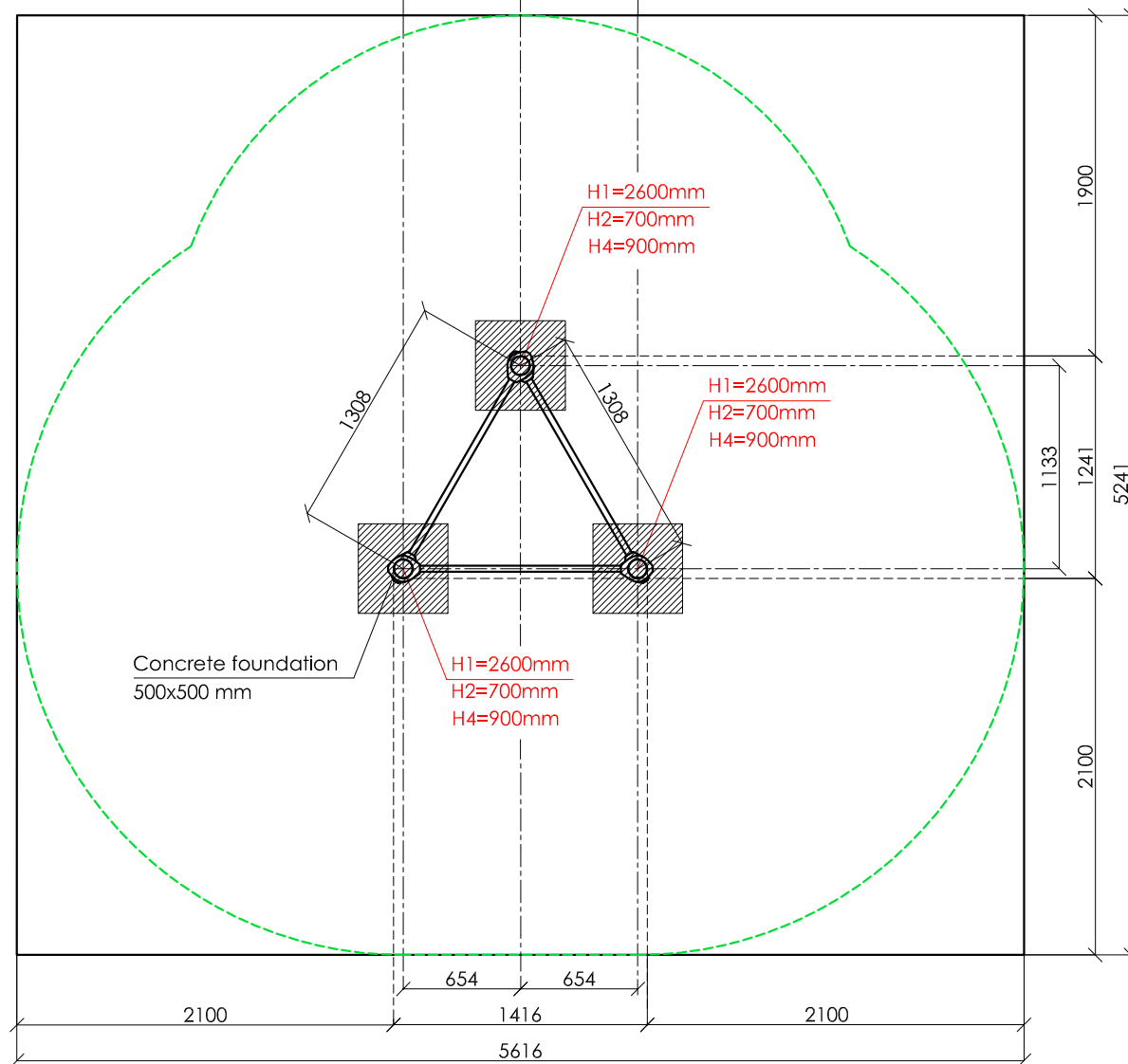
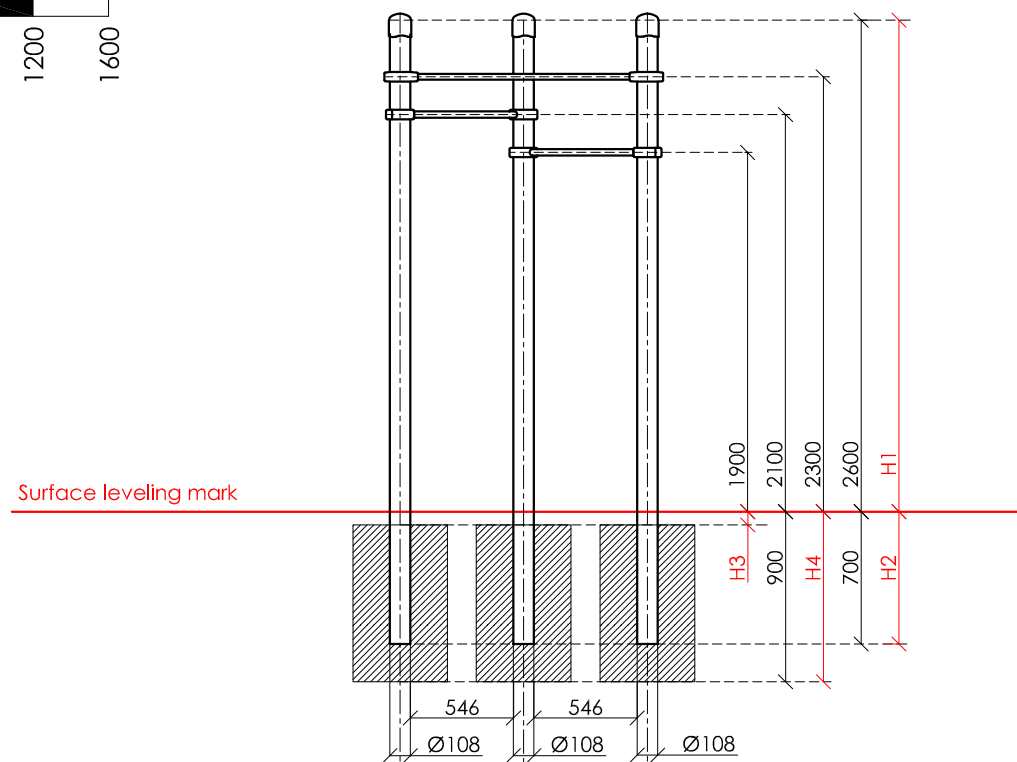
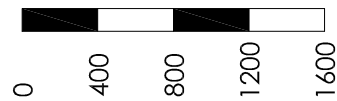


SCALE 1:40



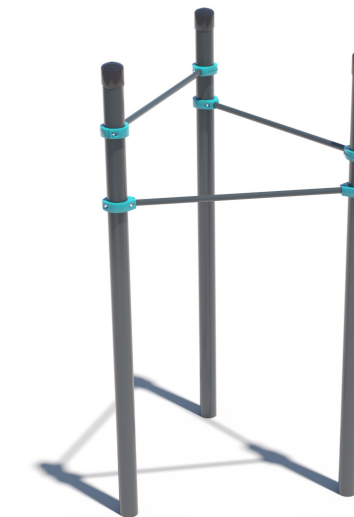
**KENGURU
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K-016

Triangular pull-up bar



The construction consists of three vertical columns and three crossbars for pull-ups 1200 mm in length (1758 mm optional crossbar length is possible). Crossbars are secured to the columns with siluminium clamps at the height that corresponds to the wishes of the Client. Weight 112,8 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-016 Triangular pull-up bar

Foundation plan and area of movement of the K-016 Triangular pull-up bar				Technical information			
Foundation when using Shock absorbing underground (synthetic – rubber granulates)		Beveling of foundation when using loose filling material		width:	1241 mm		
				height:	2650 mm		
				length:	1416 mm		
				largest part:	3350 mm		
				weight:	112,8 kg		
				floor space required: 5616 x 5241 mm			
H3	Drop height	H3	Drop height	pipe measurements:	diameter:	wall thickness:	
40 mm	> 1.2.....1.4 m	20 cm	< 1.0 m		108 mm	3.2 mm	
50 mm	> 1.5.....1.7 m	30 cm	< 2.0 m		33.7 mm	3.2 mm	
60 mm	> 1.8.....2.0 m	40 cm	< 3.0 m				
70 mm	> 2.1.....2.5 m						
				metal parts:		steel, galvanized, powder coated RAL 7016 (anthracite grey)	
				metal clamps:		siluminium, powder coated, RAL 5018 (turquoise blue)	
				bolts for metal clamps:		stainless steel, Pin Hex Button Head Security bolts M10	
				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.	