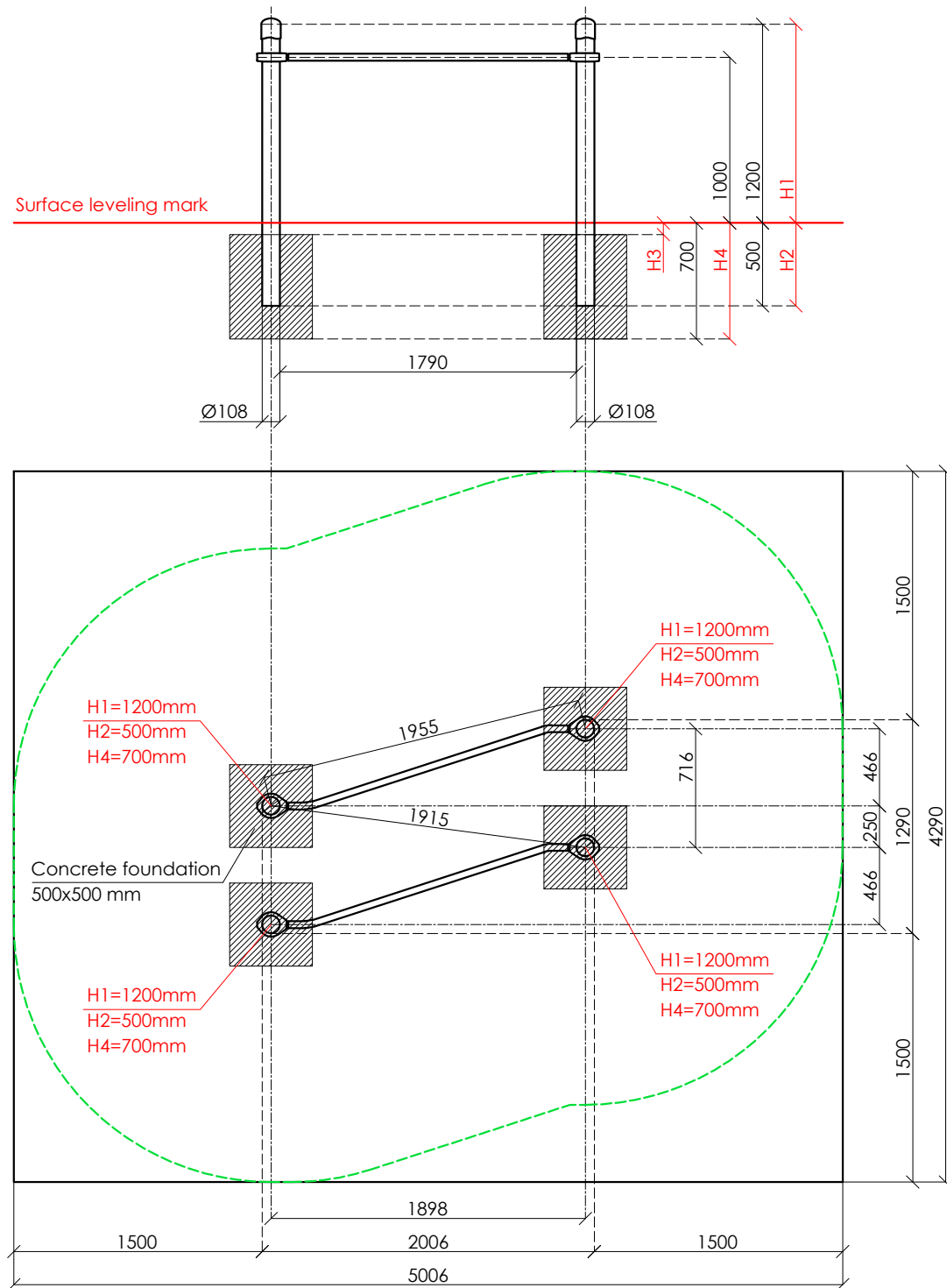
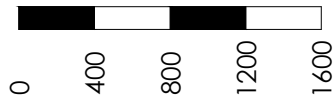


SCALE 1:40



**KENGURU
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P-004

PARAKENGURU Curved parallel bars



The complex consists of four vertical columns and two parallel bars 1790mm in length. The distance between the parallel bars is 716 mm. Construction is secured together with siluminium clamps.

Installation instructions:

- Choose a suitable underground for the unit.
- 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-004 PARAKENGURU Curved parallel bars

| Foundation when using Shock absorbing underground (synthetic - rubber granulates) | | Beveling of foundation when using loose filling material | |
|---|-----------------|--|-------------|
| H3 | Drop height | H3 | Drop height |
| 40 mm | > 1.2.....1.4 m | 20 cm | < 1.0 m |
| 50 mm | > 1.5.....1.7 m | 30 cm | < 2.0 m |
| 60 mm | > 1.8.....2.0 m | 40 cm | < 3.0 m |
| 70 mm | > 2.1.....2.5 m | | |

Technical information

| | | | | | | | | | | | | | |
|------------------------|--|-----------------|--------|-----------------|--------|--|---------|--|--------|--|---------|--|--------|
| width: | 1290 mm | | | | | | | | | | | | |
| height: | 1250 mm | | | | | | | | | | | | |
| length: | 2006 mm | | | | | | | | | | | | |
| largest part: | 1790 mm | | | | | | | | | | | | |
| weight: | 81.4 kg | | | | | | | | | | | | |
| floor space required | 5006 x 4290 mm | | | | | | | | | | | | |
| pipe measurements: | <table border="1"> <tr> <td>diameter:</td> <td>108 mm</td> <td>wall thickness:</td> <td>3.2 mm</td> </tr> <tr> <td></td> <td>42.4 mm</td> <td></td> <td>3.2 mm</td> </tr> <tr> <td></td> <td>33.7 mm</td> <td></td> <td>3.2 mm</td> </tr> </table> | diameter: | 108 mm | wall thickness: | 3.2 mm | | 42.4 mm | | 3.2 mm | | 33.7 mm | | 3.2 mm |
| diameter: | 108 mm | wall thickness: | 3.2 mm | | | | | | | | | | |
| | 42.4 mm | | 3.2 mm | | | | | | | | | | |
| | 33.7 mm | | 3.2 mm | | | | | | | | | | |
| 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: | < 1000mm | | | | | | | | | | | | |
| user height: | > 140 cm | | | | | | | | | | | | |
| maximum user weight: | 130 kg | | | | | | | | | | | | |
| certificates: | TÜV Rheinland InterCert Kft. | | | | | | | | | | | | |

