

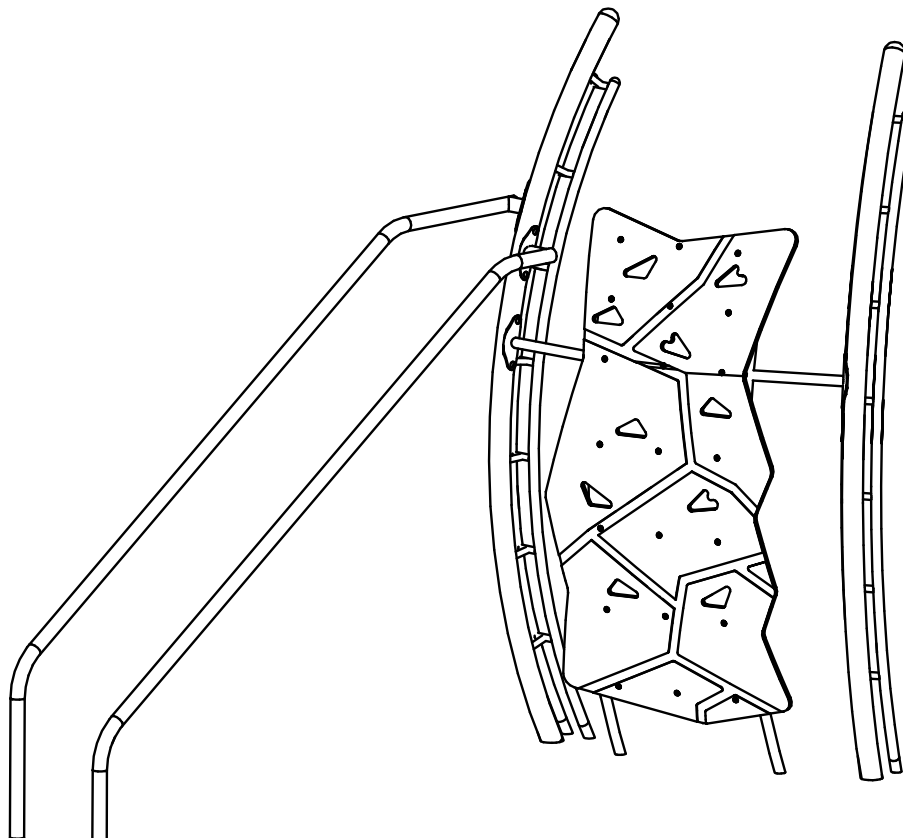


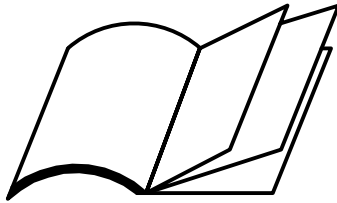
**INSTALLATION INSTRUCTIONS**

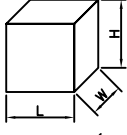
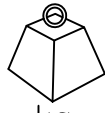
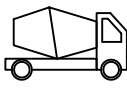
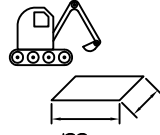
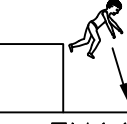

**NEXUS**

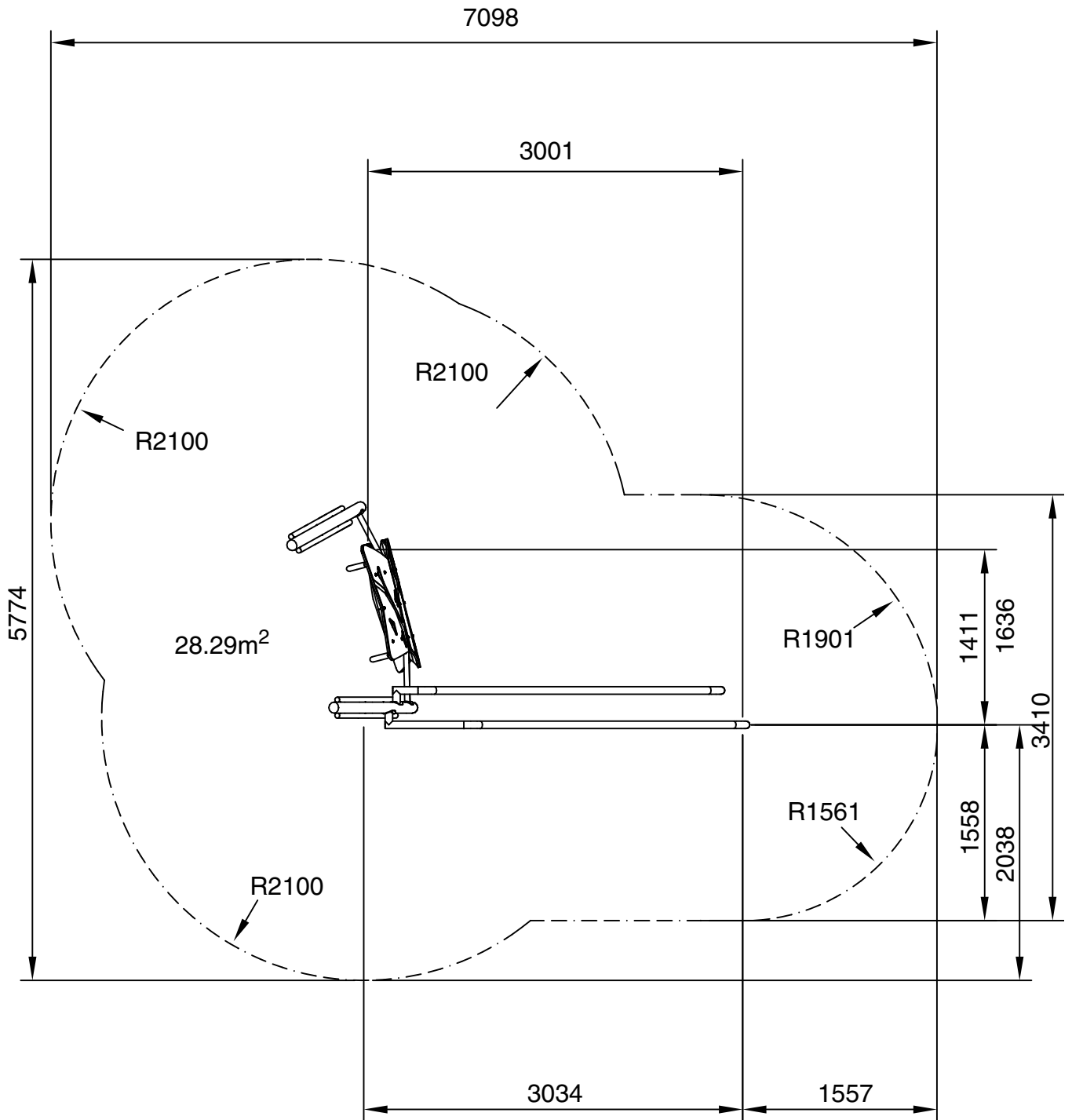
**ROCK CLIMB & SLIDE**

**NXRSS NXRSE**

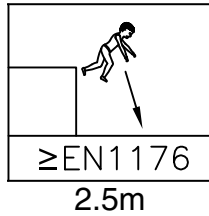
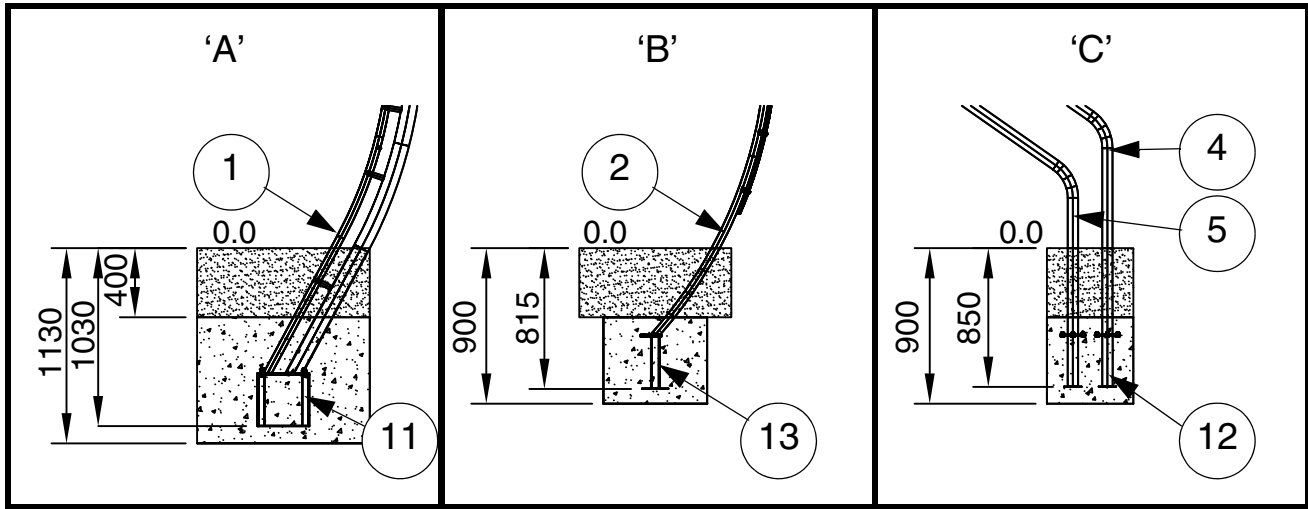




	 LxWxH (m)	 kg	 m <sup>3</sup>	 m	 ≥EN1176	 x 3= T
<b>NXRS*</b>	7.22 x 5.74 x 3.00	341	1.38	8.00 x 6.00	2.4m	T=18h

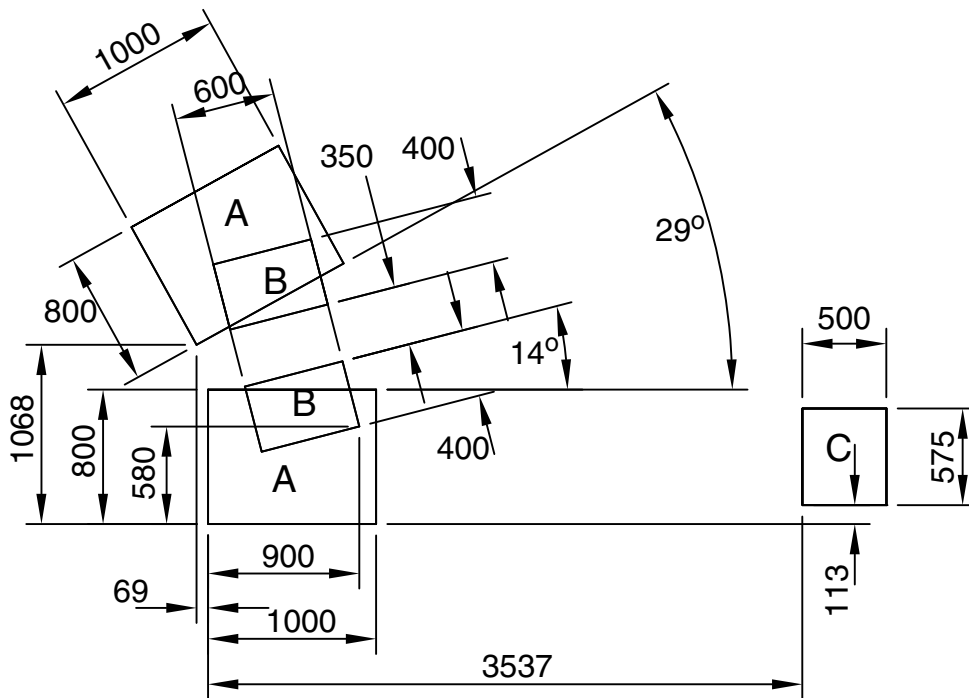
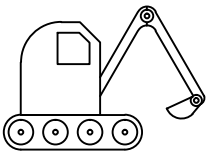


# NXRSE

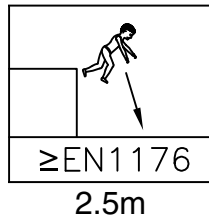
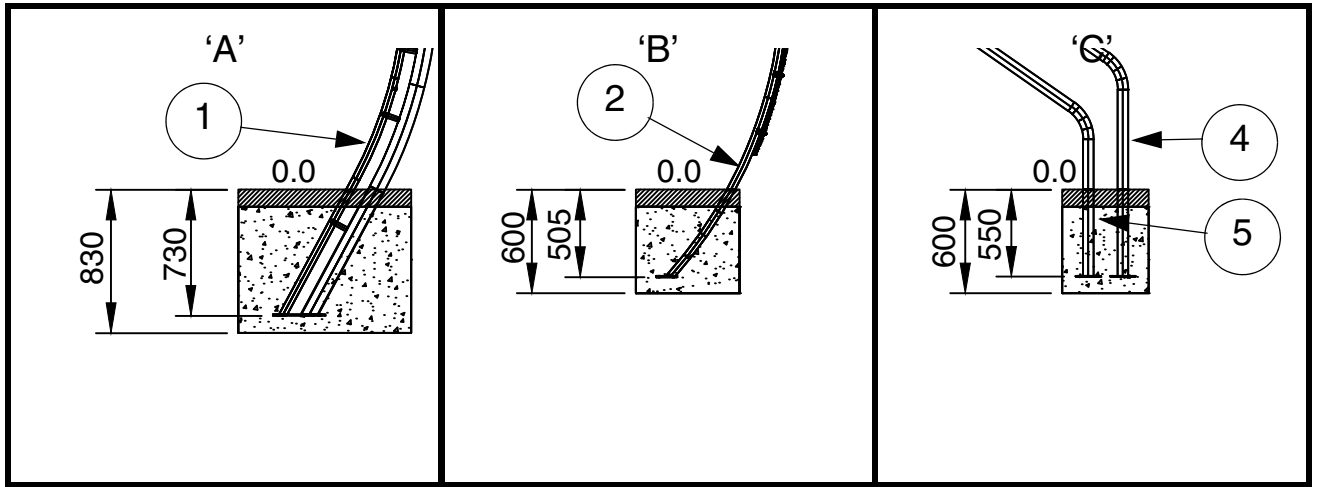


TYPE 2

	101
	144

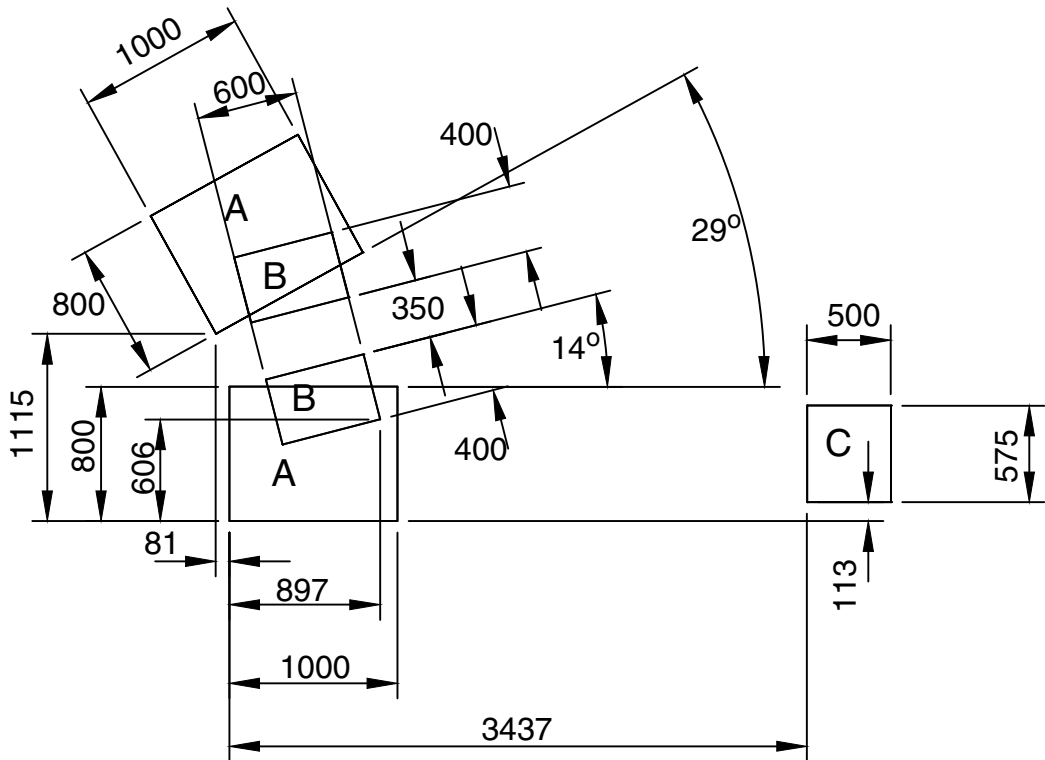
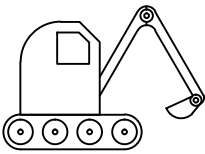


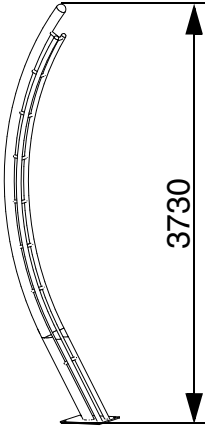
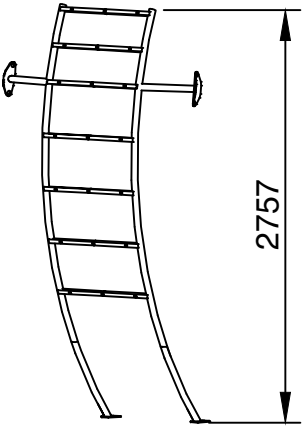
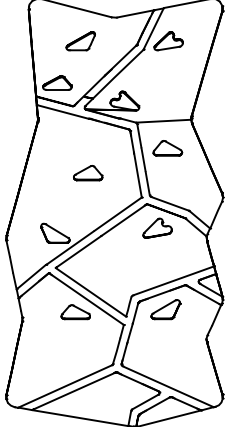
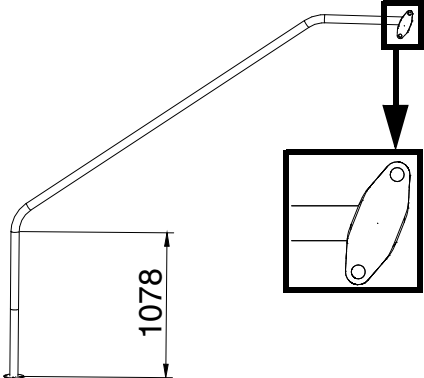
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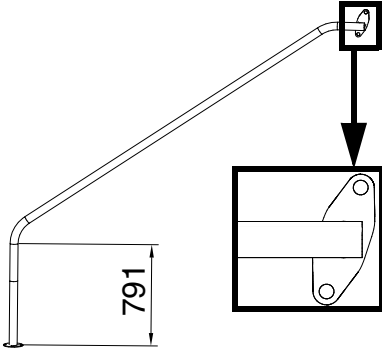
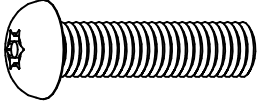
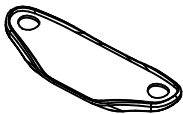
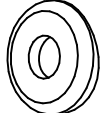
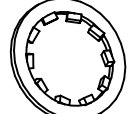
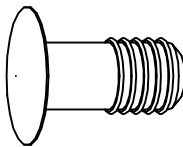
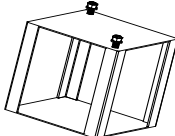

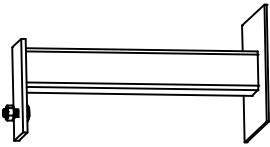
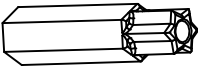


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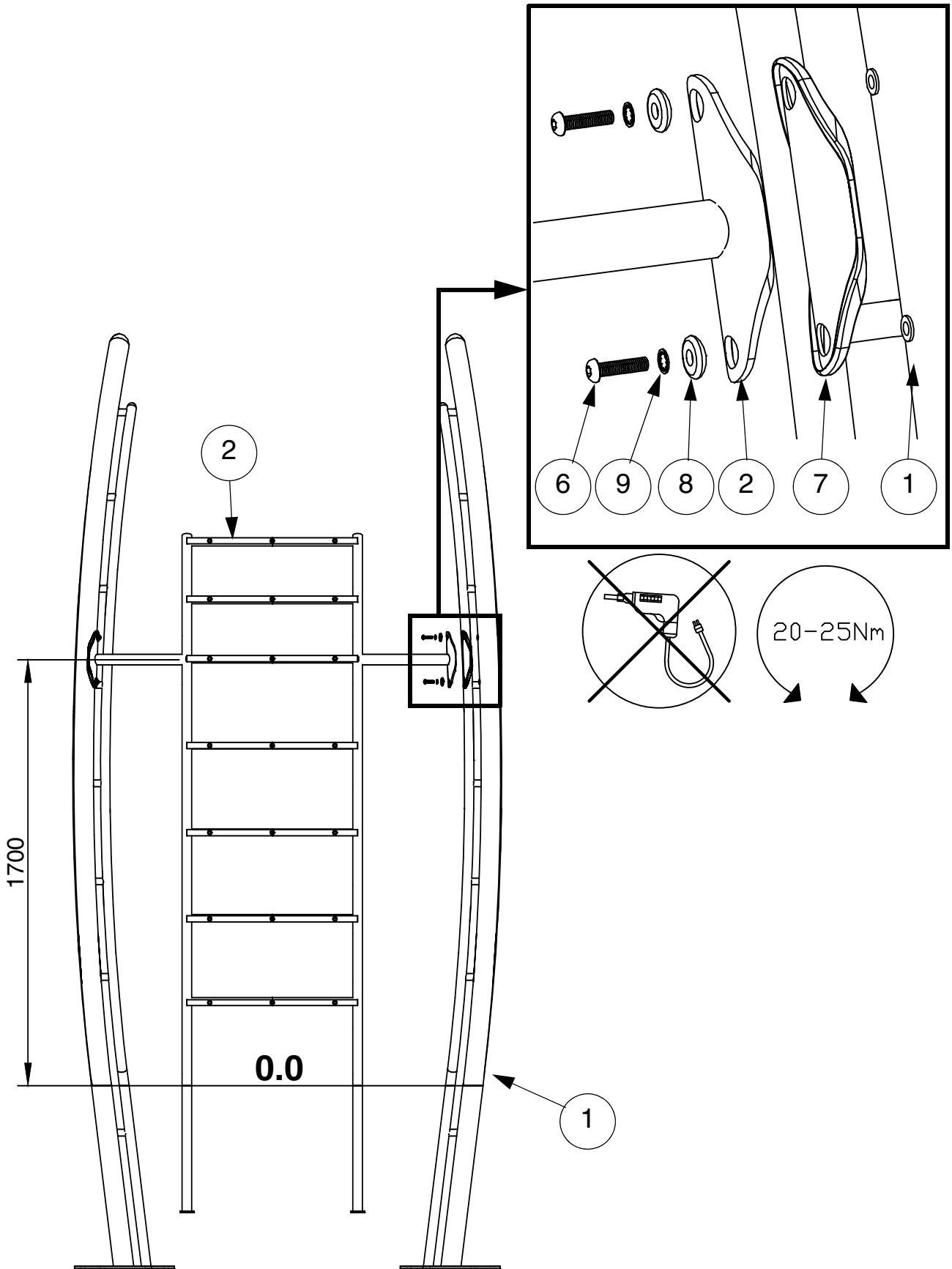
	101
	144



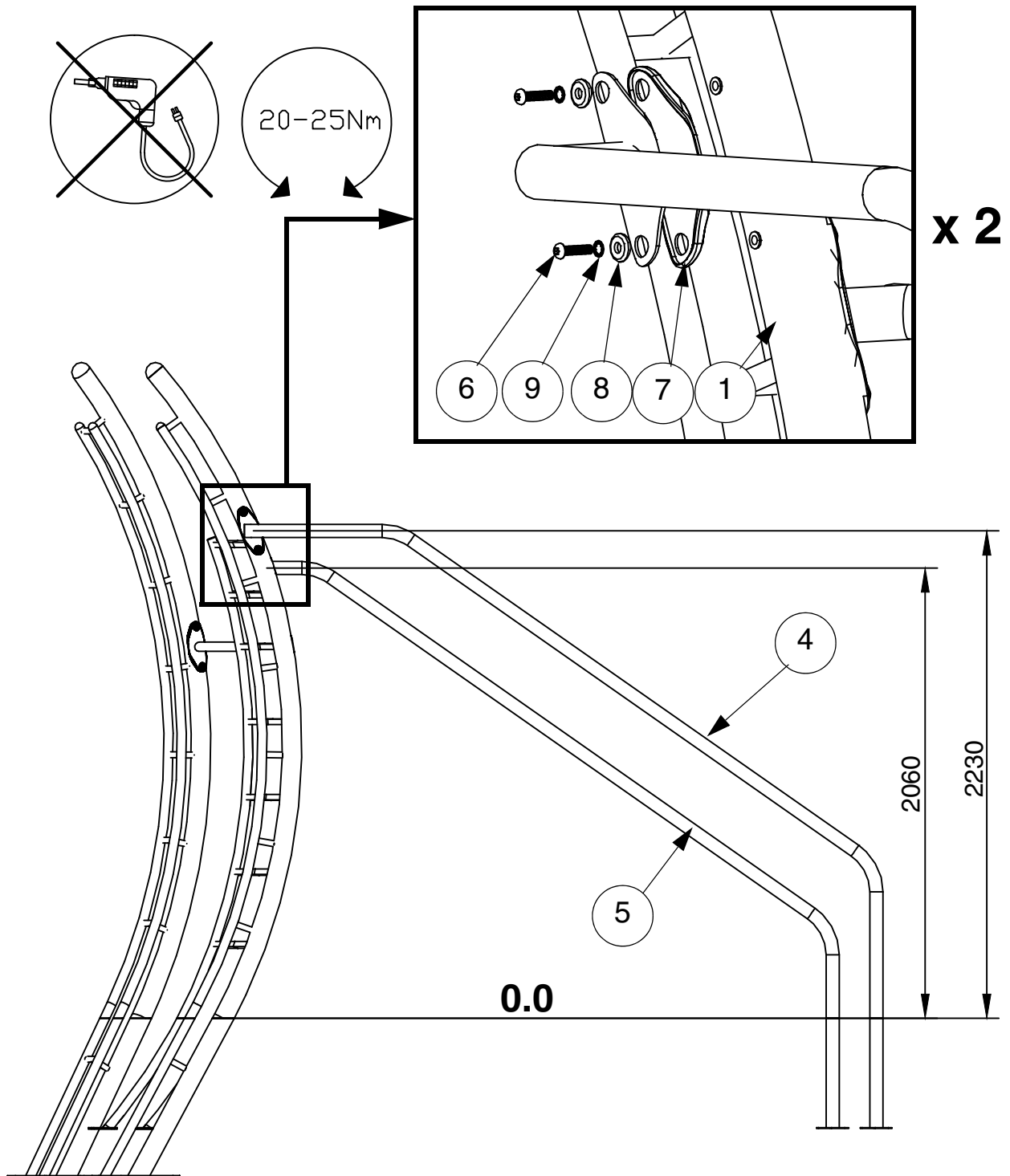
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1	38000001		2		66.000
2	38006010		1		32.000
3	38006020		1		33.000
4	38002070		1		19.000

ITEM	REF.		NXRSS	NXRSE	kg
5	38002080			1	17.500
6	10121040	 M10 X 40		29	0.037
7	19023801			4	0.080
8	38001019	 M10 12X32X6.5		8	0.002
9	10301000	 M10 12X18X1		29	0.002
10	19024501			36	0.001
11	38000002				26.000
12	EPLUG				3.000
13	SSGIL				2.200
14	10121000	 T45 M10		3	-

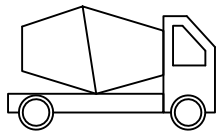
# STEP 1



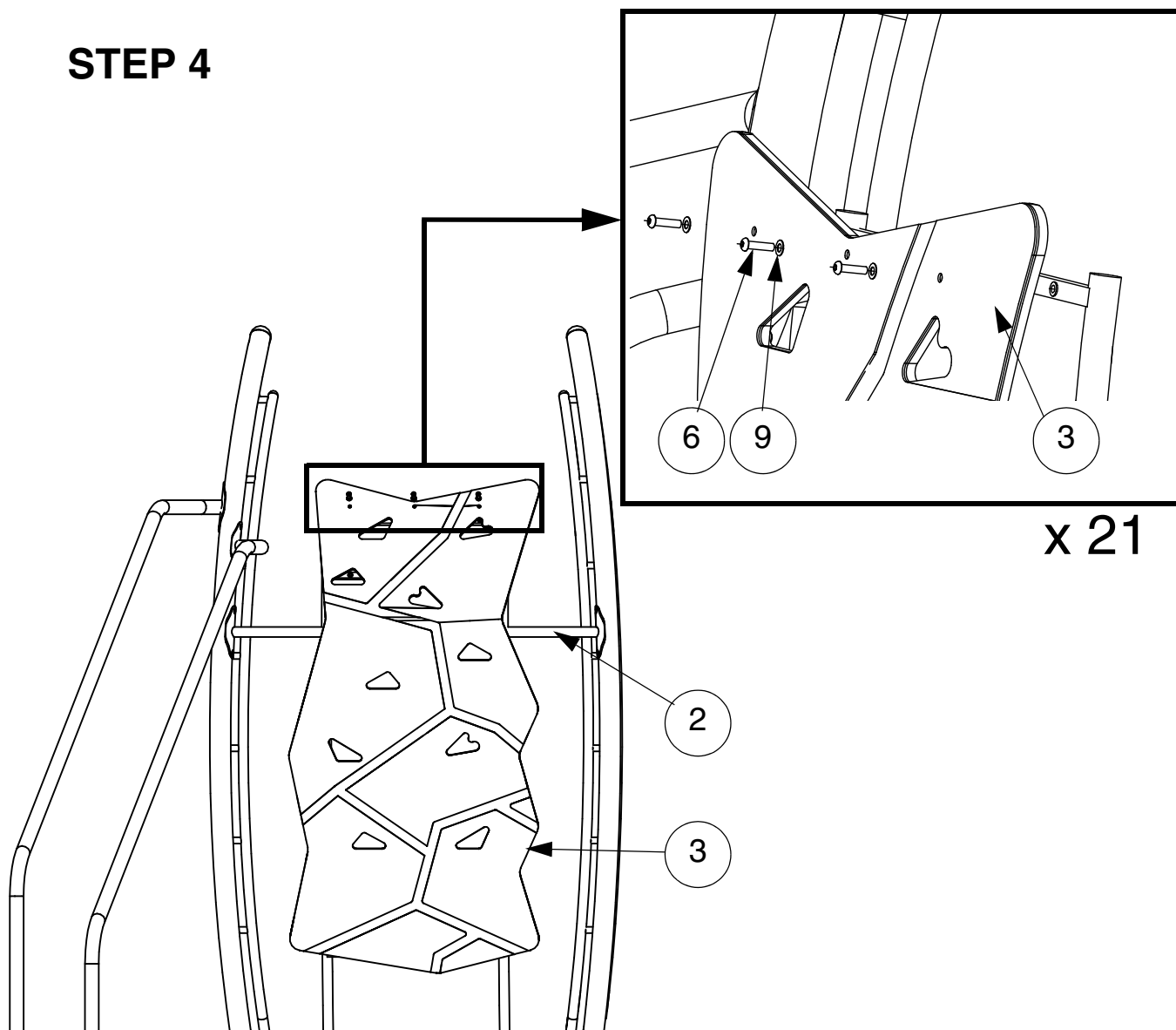
## STEP 2



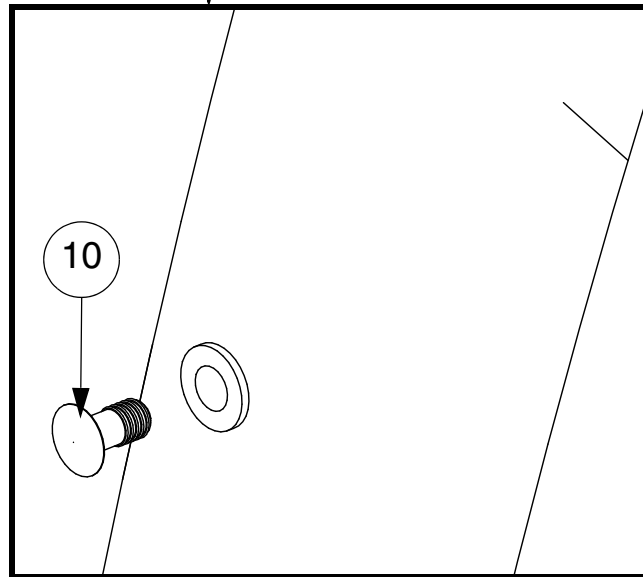
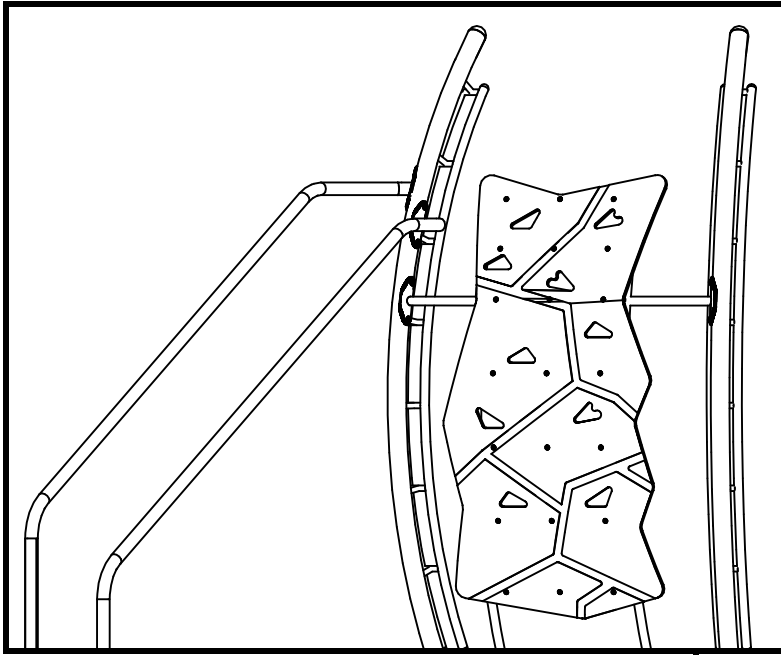
### STEP 3


S2 (50mm)
≥C20-25
🕒 7 x 24h
👁️ 101

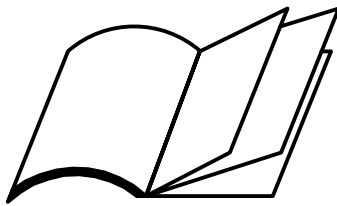
### STEP 4



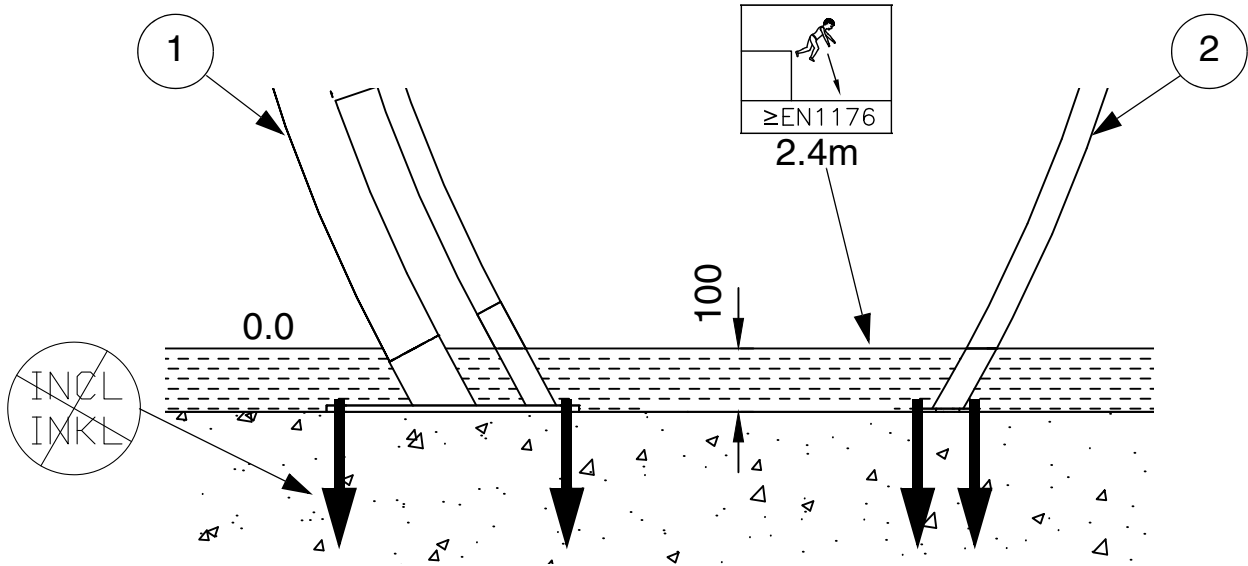
# STEP 5



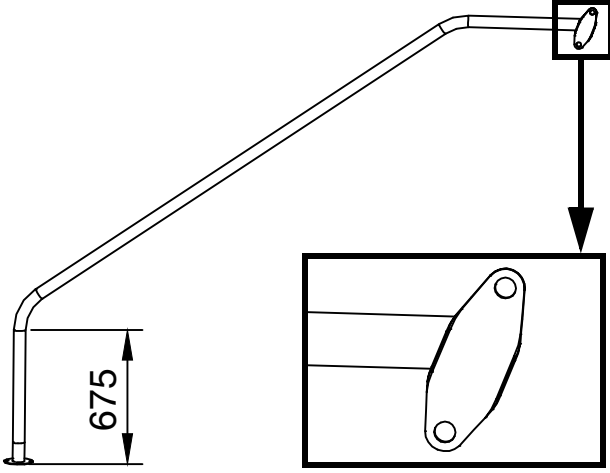
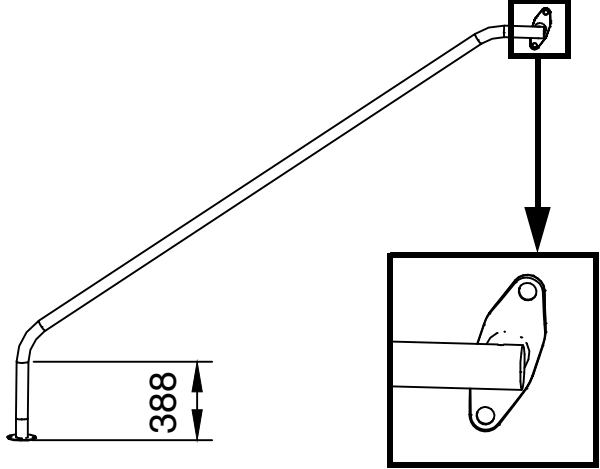
x 36



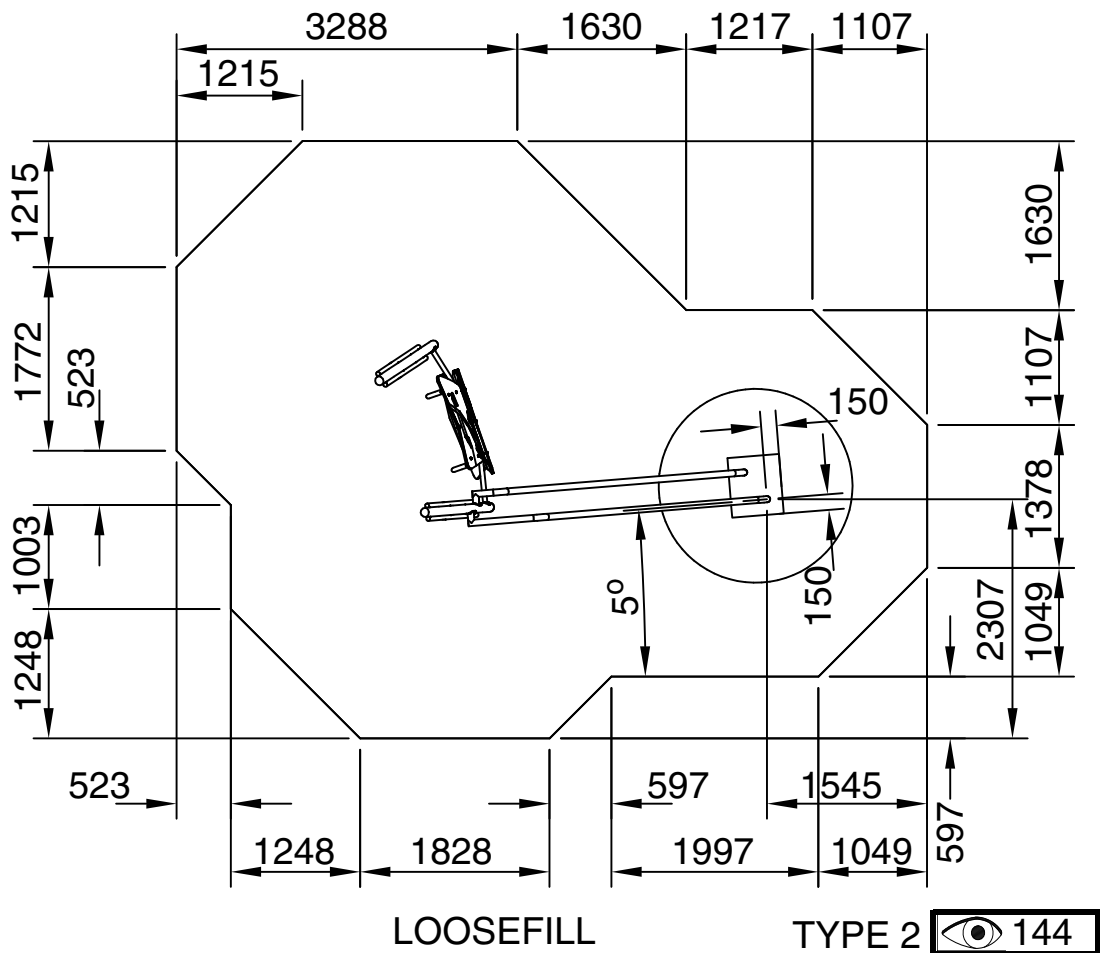
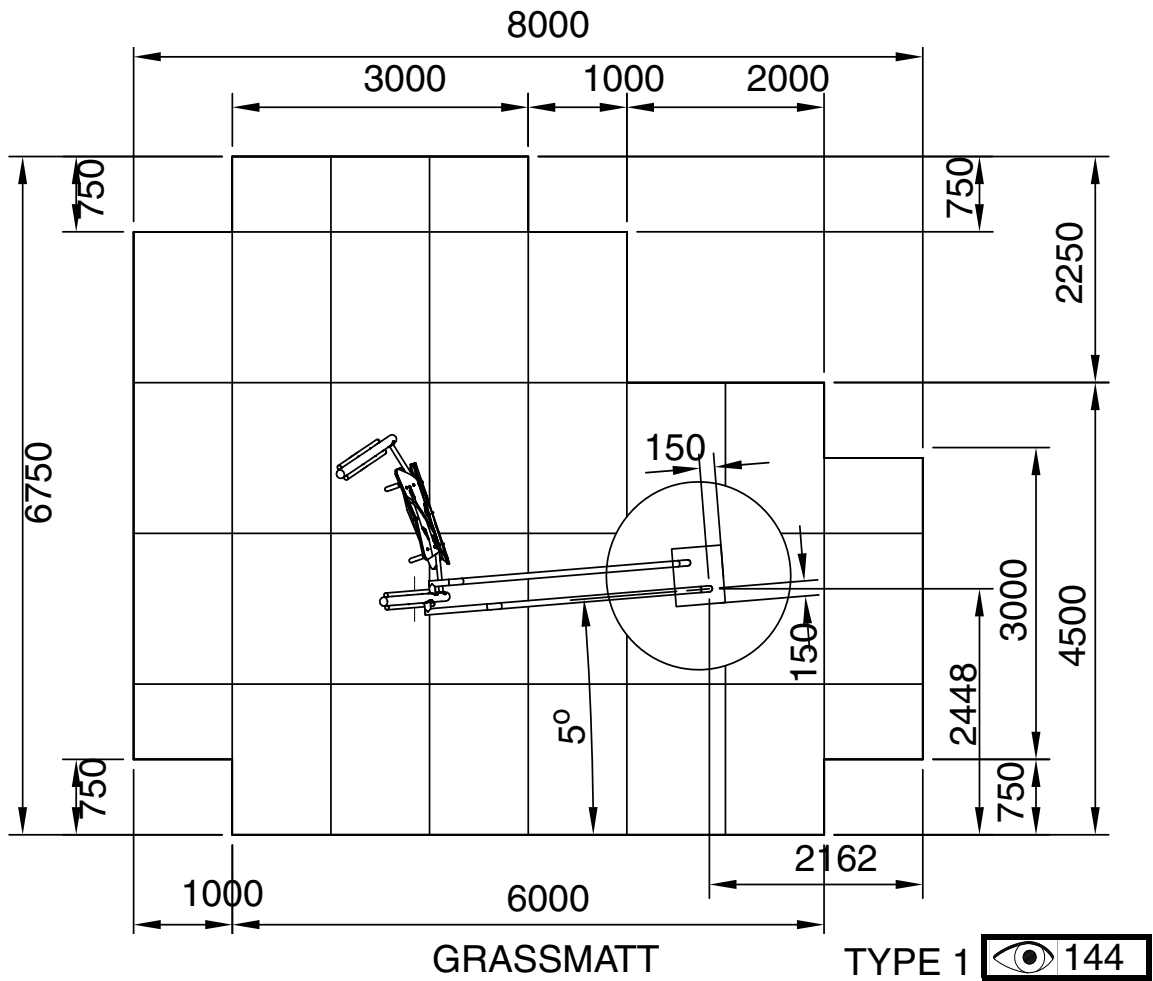
Appendix A: NXRSD

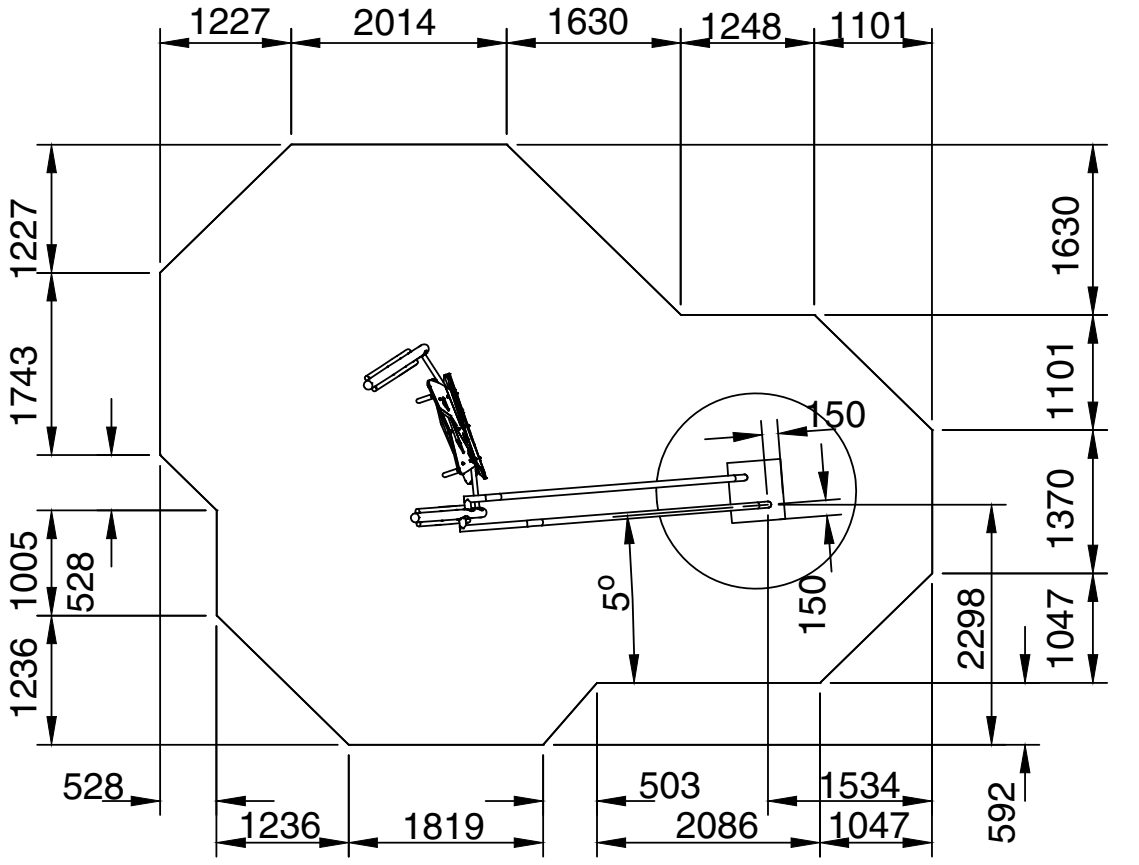


ITEM	REF.		NXRSD	kg
1	38000005		2	66.000
2	38006015		1	30.000

ITEM	REF.		NXRSD	kg
4	38002075	 <p>675</p>	1	13.500
5	38002085	 <p>388</p>	1	12.000

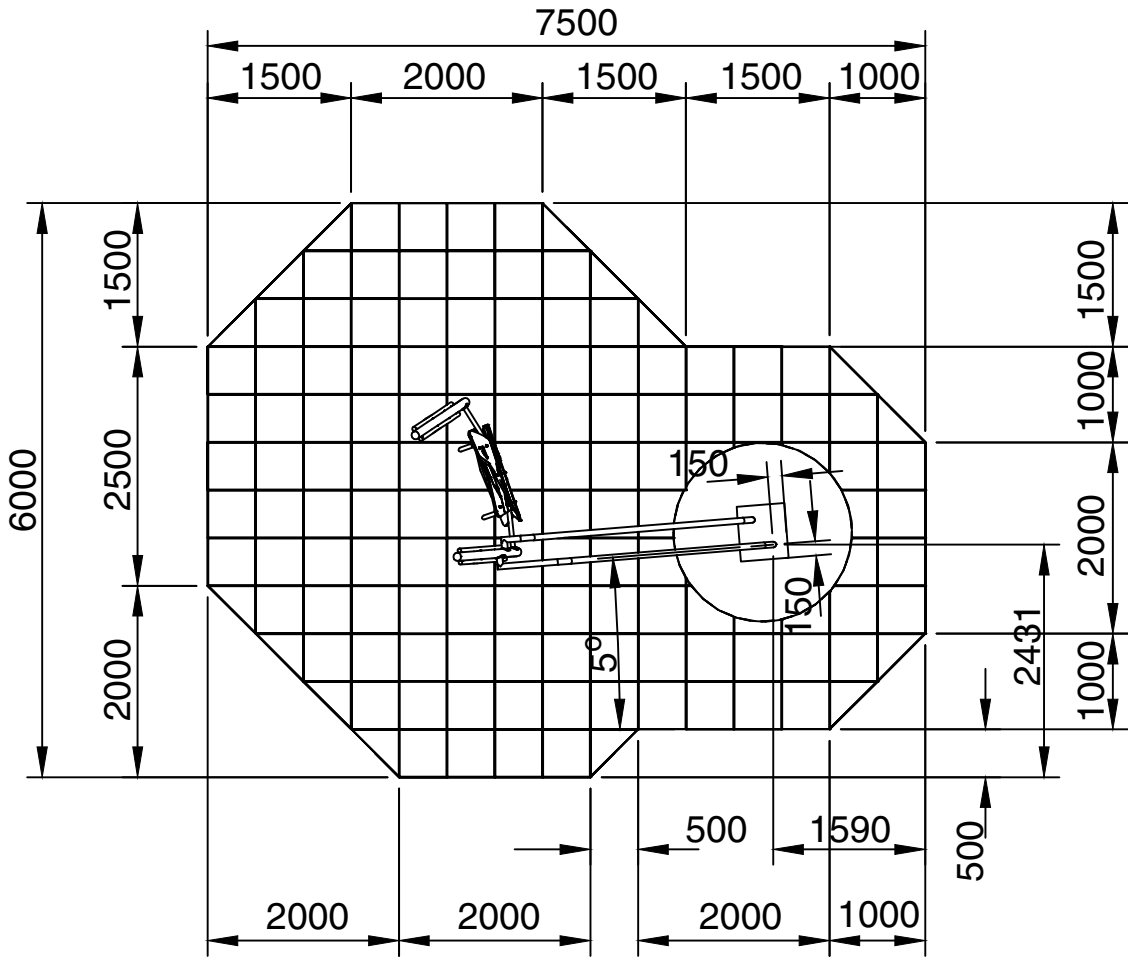
Appendix B:





WETPOUR

TYPE 3  144



TILES

TYPE 3  144

SMP Playgrounds Ltd recommends an effective *Impact Absorbing Surface tested to EN1177 & BS7188* beneath this play equipment. Refer to manufacturers instructions for details of installation. The surface should have a Critical Fall Height greater than the Maximum Freefall Height of the equipment. Subject to a risk assessment & for certain Fall Heights a grass surface may be used.

Constructional Space is the approximate working area required to lay out and assemble the equipment.

Care should be taken when siting this equipment in order to discourage users in the surrounding area from unintentionally coming into contact with the equipment. This can be achieved, for example by placing the equipment at the perimeter of the play area.

For the safe operation of this equipment it must be installed on horizontal ground with the required minimum space.

If a loose fill surface is selected for this item it will require a very high level of maintenance to ensure a sufficient thickness is in place at all times to provide 'critical fall height' protection.

The concrete foundations indicated are for average ground. Care should be taken concerning abnormal conditions.

**Tools:** 5m tape measure, Spirit level, M10 Torx tool (Supplied with unit), 19mm A/F Socket, Extension bar, Torque wrench.

## 1 INSTALLATION & ASSY PROCEDURES

### 1.1 SAFE WORKING PRACTICE:

A full risk assessment should be carried out prior to commencing the installation, which will be specific to the site selected. The major risks associated with purely the assembly of this product are highlighted below, which can form part of this overall assessment.

### 1.2 RISKS:

- i) Large parts which could be difficult to lift or handle.

### 1.3 CONTROL MEASURES:

- i) All staff working on installation to wear suitable Toe Protective Shoes and Gloves.
- ii) Any staff or other persons on site, not working directly on the installation, to be kept away from the installation.
- iii) Care should be taken when any awkward/heavy lifting may be required.

### Pre Installation Inspection:-

- i) Inspect all parts for damage (that may have occurred during transportation & storage). Finish Coatings, if found to be damaged these should be made good before erection (Refer to maintenance instructions). Any damaged or missing parts must be replaced.
- ii) Warn the public of the risk of injury, by placing signs and fencing the surrounding area, before commencing installation.

### 1.4 INSTALLATION

- i) Refer to site layout for position and orientation of product, then, mark the outline of the position of the footings with e.g. spray or chalk etc. Excavate the hole. **See Pages 6 & 7**
- ii) Attach climb wall frame (item 2) between the posts (item 1) using 2 off Gaskets (item 7), 4 off M10 x 40 Resistorx bolts (item 6), Saddle washers (item 8) and Shockproof washers (item 9). **(STEP 1)**
- iii) Attach top and bottom banister rails (Item 4 & 5) to left hand post (item 1) using 2 off Gaskets (item 7), 4 off M10 x 40 Resistorx bolts (item 6), Saddle washers (item 8) and Shockproof washers (item 9). **(STEP 2)**

iv) Shim and brace Assembly into position.

Concrete mix is recommended at:  
 1 part cement;  
 2 parts sand;  
 4 parts aggregate;  
 by volume with 20mm aggregate  
 (20 N/mm<sup>2</sup> min compressive strength)

v) Fill the hole with concrete to the required level, taking into account any Impact Absorbing Surfacing requirements. Ensure that the full volume of concrete is used. The top of the concrete should gradually (1:100) slope down & outwards locally from the equipment postulant to the required level to form a watershed.

**(STEP 3)**

vi) Keep installation off limits to the public until the concrete has completely cured. (Recommended initial curing time is 48 hours).

vii) Attach the Climbing Wall Panel (item 3) to the Climbing Wall Frame (item 2) using 21 off M10 x 40 Resistorx bolts (item 6) and Shockproof washers (item 9) following the curve of the frame. **(STEP 4)**

viii) In all fixing positions on the steel work that have not been utilised, the protective plug should be removed and the permanent black protective plug (item 10) inserted and knocked home with a soft hammer. This also includes holes in top of Tee post smaller tubes. **(STEP 5)**

**2 POST INSTALLATION INSPECTION**

**CHECK**

- 1 The unit is installed at the correct height.
- 2 All fixings are tightened to the correct torque and have no protruding sharp edges.
- 3 Paint work is not damaged.
- 4 Ensure all unused fixing holes in steel work have correct black plastic plug fitted.
- 5 Concrete foundations are secure.
- 6 Concrete has had water shed away from legs.
- 7 Adequate provision of Impact Absorbing Surfacing with no obstructions or other hazards within the equipments minimum space.
- 8 Site is clear of all tools and rubbish.
- 9 Remove any warning signs.

**CHECK**

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