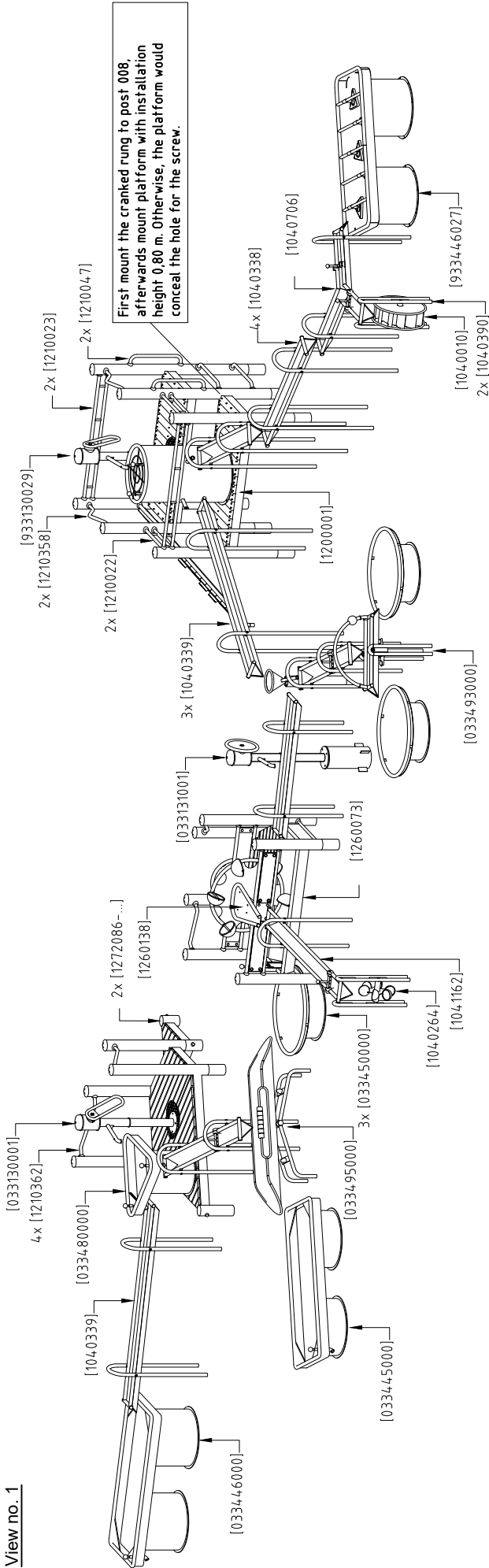
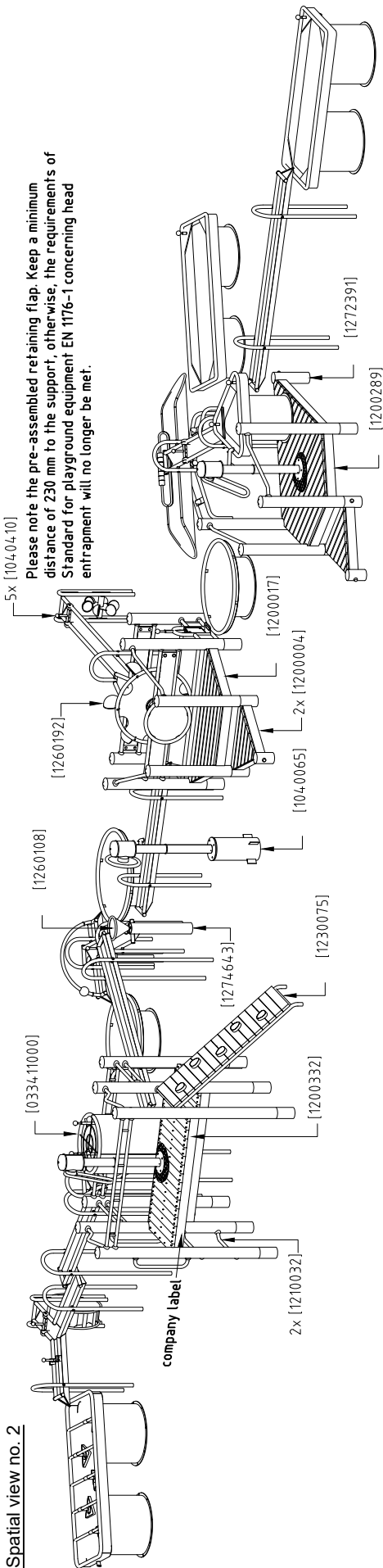




2x [104.0390]

Spatial view no. 2



Please also consider separate documentation for water pumps or gargoyles and for (optionally) additional valve combination(s).

Installation instructions

1. Assign a device location considering the space requirement (impact area).
2. Excavate soil for foundations, according to drawing.
Please note: To achieve maximum stability and a safe installation, a moderate level of soil solubility is required.
3. Pour in a drain layer of gravel of approx. 10 cm thickness between the bottom of the posts and plain base of foundation.
4. Insert reinforcing steel into the corresponding holes of the posts.
5. Place posts type A according to the corresponding number (see foundation layout) into the respective foundation hole. Play level mark (=aluminium blind rivet) complies with the installation depth. Align every post by means of the play level mark facing into the same direction (see detail or foundation layout).

6. For installation of the pre-assembled components and/or single parts, the screws slightly have to be lubricated with installation paste!

Screw together platforms and posts by using the middle hole in the mounting brackets.

Tighten all screws after having aligned all components.

Screw connections see details in attached list.

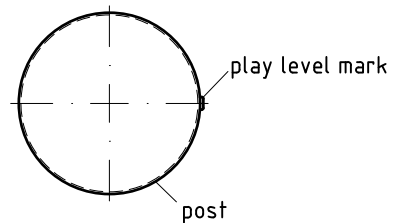
We recommend not to insert the protection caps enclosed before first maintenance as they are only suitable for one-time use (see description below).

7. Grout foundations with compressed concrete C20/25, chamfer and round off the edges, cover the foundations with a surface which meets the requirement for impact attenuation so that its critical fall height is equal to or greater than the maximum free height of fall of the equipment (acc. to EN 1176-1).
8. Release for play after concrete foundations have set.
9. According to maintenance instructions, check all screw connections after 4-5 weeks and retighten, if necessary. Afterwards cover the screw heads with protective screw caps.

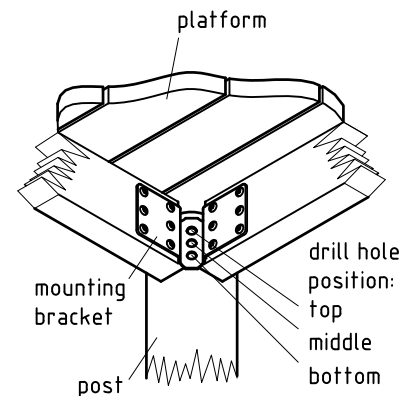
Please ensure that all special tools supplied (e.g. Allen key for secured Allen screws etc.) and all specific documents which are or may be useful for safety management acc. to EN 1176-7 (e.g. invoice, delivery note, order acknowledgement, installation instructions, maintenance instructions) are forwarded to the persons responsible.

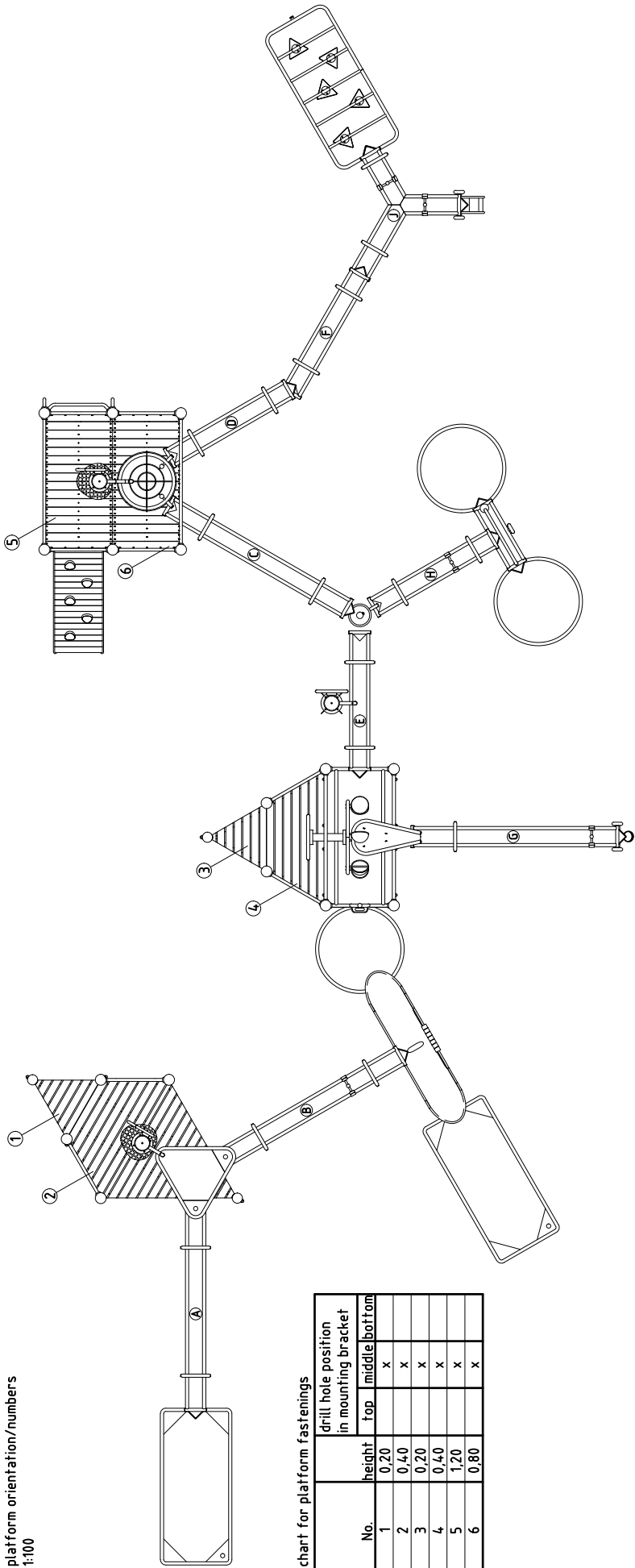
Necessarily insert all attachment parts before tightening the screws. It is NOT possible to insert them afterwards.

detail of play level mark
1:5



platform fastening
1:10





Installation

Item No.
034680700

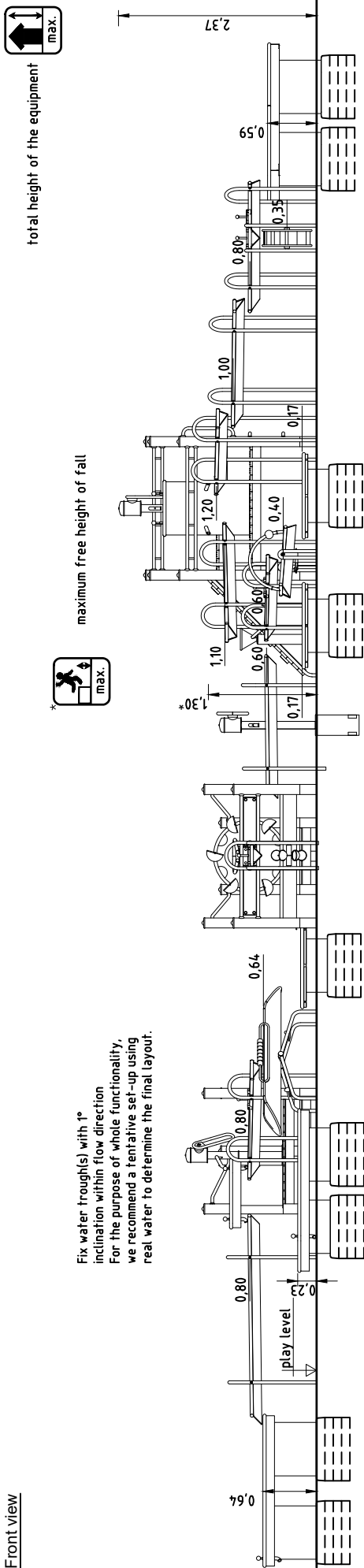
Description
Water play structure

Scale
—

Date
05/26 st

Page
5/8

Front view



For a stable installation of the waterplay elements, additional (e.g. circular or ring shaped) concrete foundations are necessary. Their dimensions (especially the depth) depend on the soil conditions on site. The waterplay elements can be connected to the foundations either by using concrete dowels or by the stone bolts provided.

Installation

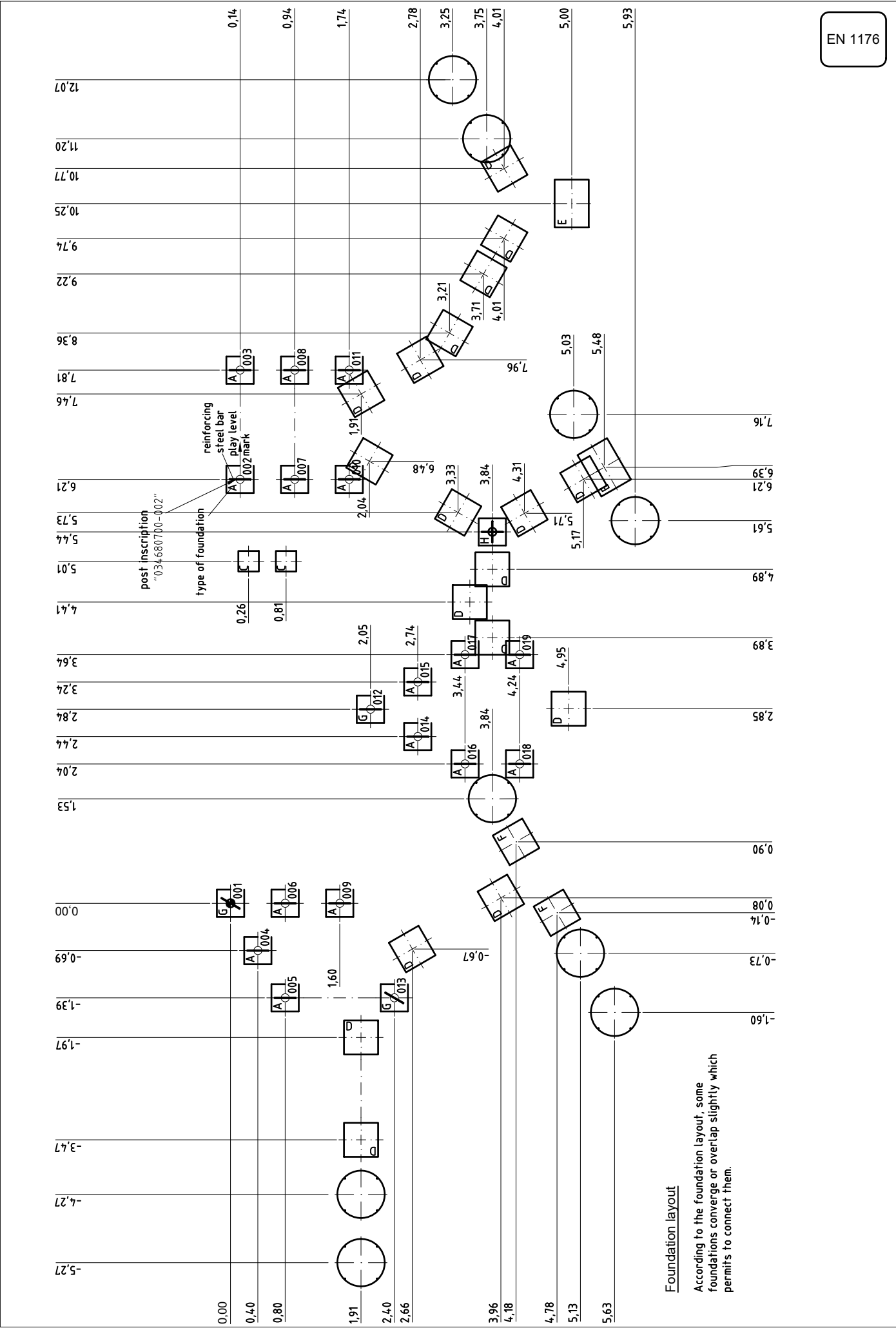
Item No.
034680700

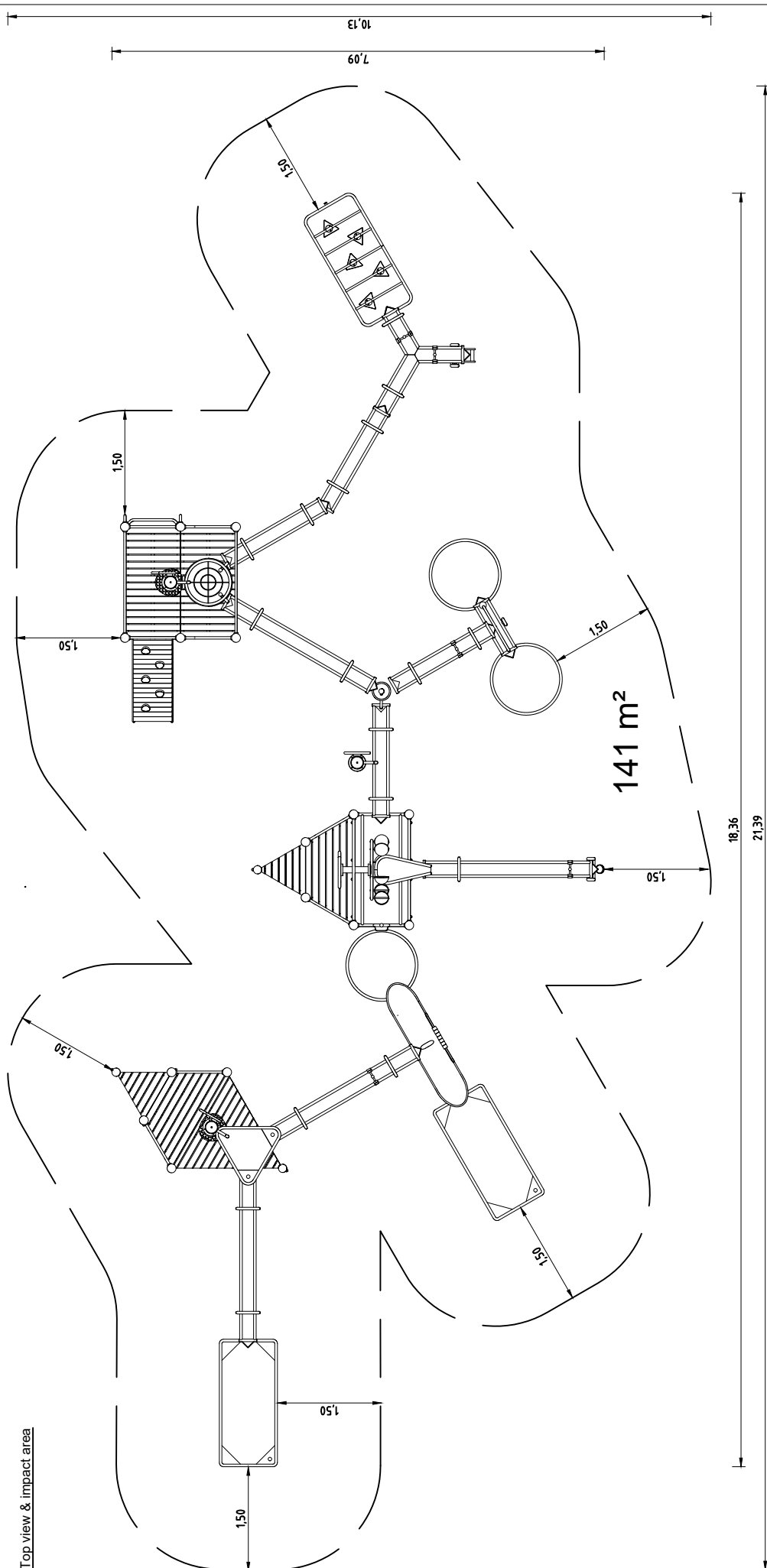
Description
Water play structure

Scale
—

Date
05/26 st

Page
6/8





Installation

Item No.
034680700

Description
Water play structure

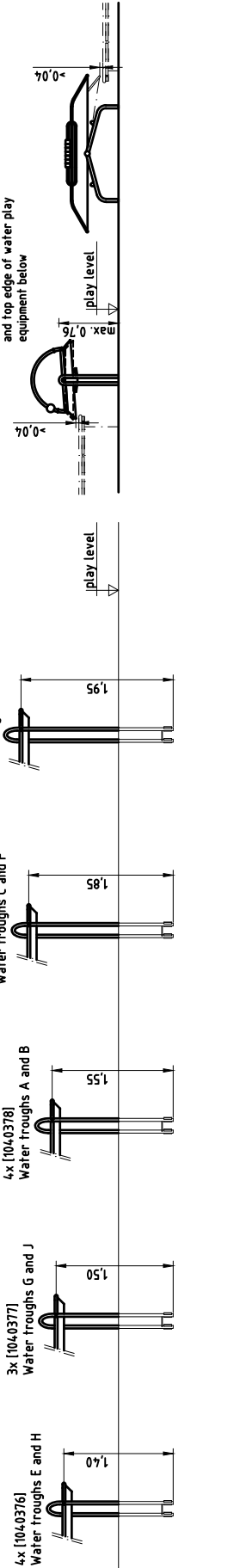
Scale
—

Date
05/26 st

Page
8/8

Labeling for the water troughs
see page 4

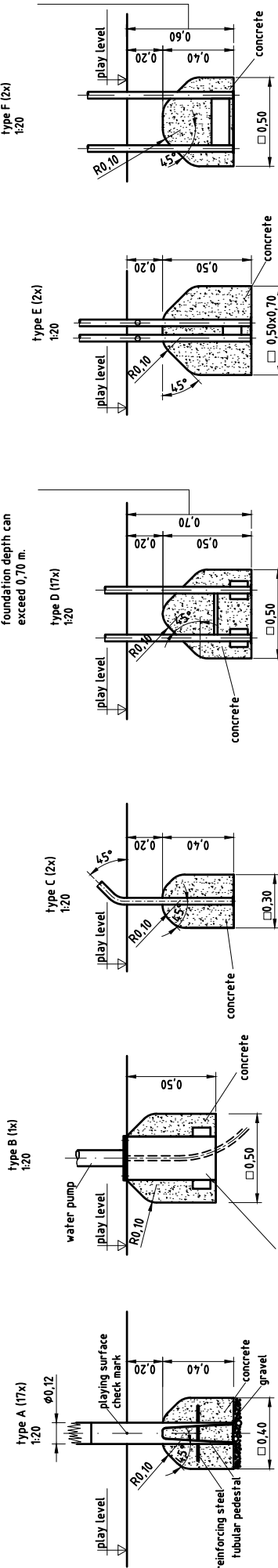
length of the different types of steel supports
1:50



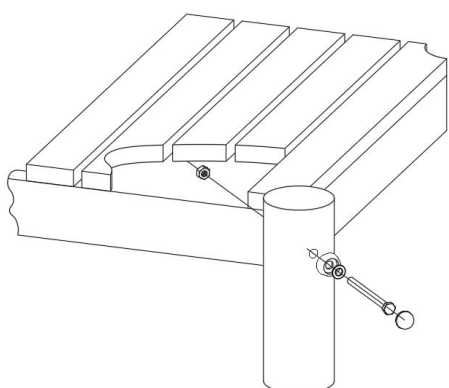
Foundation details

Minimum installation depth.
Depending on the water scale
height required, the foundation
depth can exceed 0.60 m.

Minimum installation depth.
Depending on the trough
depth required, the
foundation depth can
exceed 0.70 m.

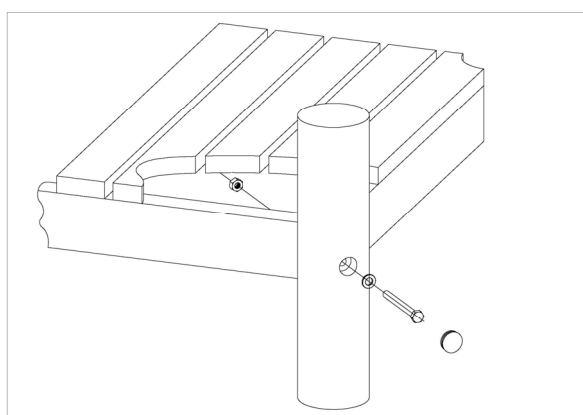


EN 1176



3 x SFAS1200014 Platform at stainless steel post
(hexagon screw with protective cap/nut platform-sided)

per set	total	item no.	material short text
1	3	3400363	Hexagon head cap screw M12 x 150 DIN931 A2
1	3	3430021	Lock nut M12 DIN985 A2
1	3	3430025	washer Ø 13 DIN125 A2
1	3	3300054	protective screw cap - lower part, domed M12
1	3	3300055	protective screw cap - upper part, M12



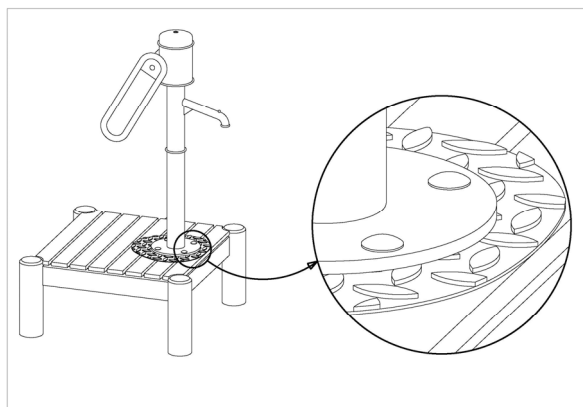
16 x SFRS1200001 Platform at Robinia post, nut is platform-sided

per set	total	item no.	material short text
1	16	3430021	Lock nut M12 DIN985 A2
1	16	3430129	Washer Ø 14 DIN1440 A2
1	16	3400700	Hexagon head screw M12 x 120 DIN931 A2
1	16	3300016	Grey domed plastic cover cap SL 36 G



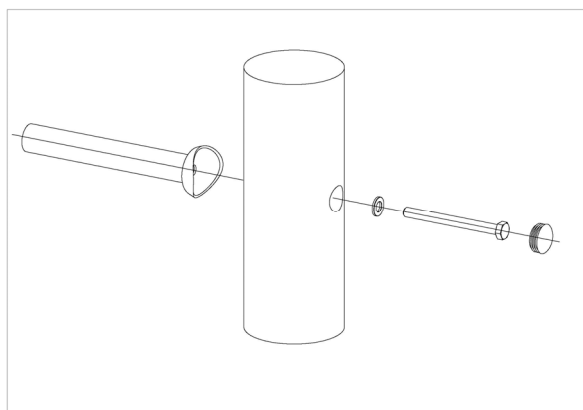
4 x SFRS1200019

per set	total	item no.	material short text
1	4	2030178	Cheese head screw M12x120 with pin
1	4	3430025	washer Ø 13 DIN125 A2
1	4	3300016	Grey domed plastic cover cap SL 36 G
1	4	3430021	Lock nut M12 DIN985 A2



8 x SFXS1260001 Water pump fastening to platform

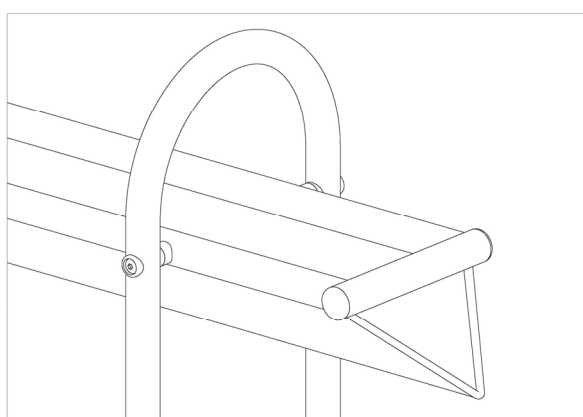
per set	total	item no.	material short text
1	8	3400249	Mushroom head screw M12 x 60 DIN603 A2
1	8	3430025	washer Ø 13 DIN125 A2
1	8	3430051	Hexagon cap nut M12 DIN 986 A2



54 x SFRS1230004 Standard bolting of climbing poles, ramps etc. to Robinia posts with countersunk holes

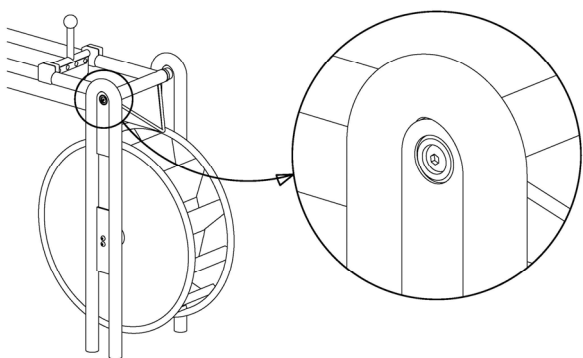
to Robinia posts with countersunk holes

per set	total	item no.	material short text
1	54	3400701	Hexagon head cap screw M12 x 130 DIN931 A2
1	54	3300016	Grey domed plastic cover cap SL 36 G
1	54	3430129	Washer Ø 14 DIN1440 A2



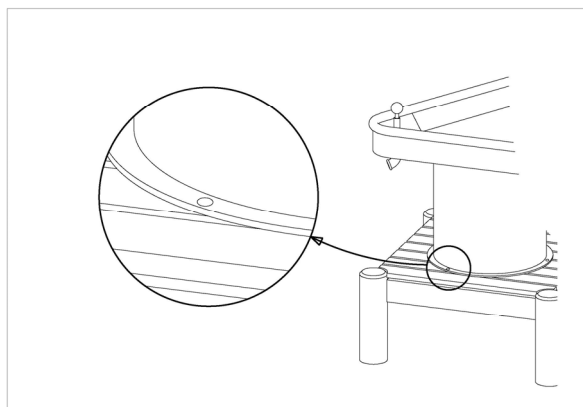
38 x SFXS1040006 Water trough (S) at support

per set	total	item no.	material short text
1	38	3400286	Dome head security screw-M10x50-Resistorx T45 A2



2 x SFXS1040013 Water trough (S) to support of water wheel

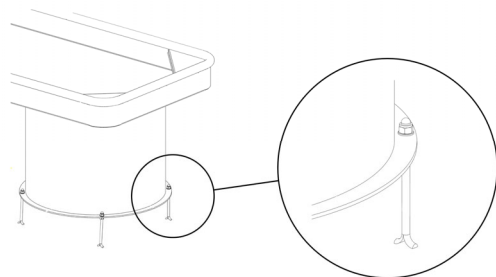
per set	total	item no.	material short text
1	2	3400195	Dome head security screw-M10x30-Resistorx T45 A2



7 x SFXS1040012 Cylinder base plate fastening to platform

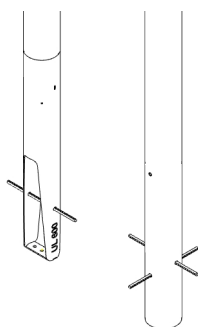
per set	total	item no.	material short text
1	7	3430025	washer Ø 13 DIN125 A2
1	7	3430051	Hexagon cap nut M12 DIN 986 A2
1	7	3400384	hexagon screw M12x50 DIN 931 A2

36 x SFXS1040011 Concrete embedding of cylinder base plates



per set	total	item no.	material short text
1	36	1040272	Fastening set water play equipment M10x160 A2

21 x SFAS1270001 reinforcing steel bar for posts



per set	total	item no.	material short text
1	21	2130000	reinforcing steel Ø 10 x 310 DIN 488

1 x SFWZ0000002 Security TORX wrench TR45



per set	total	item no.	material short text
1	1	3490033	Allen key security TORX TR45

1 x SFWZ0000009 Hexagon insert socket driver 10mm 1/2"
with borehole for Pin



per set	total	item no.	material short text
1	1	2030170	Hexagon insert socket driver 10 mm 1/2"

1 x SFWZ0000012 lubricating metal (30 g box) incl. brush

per set	total	item no.	material short text
1	1	5200026	brush for lubricating metal
1	1	5300039	lubricating metal box 30g

