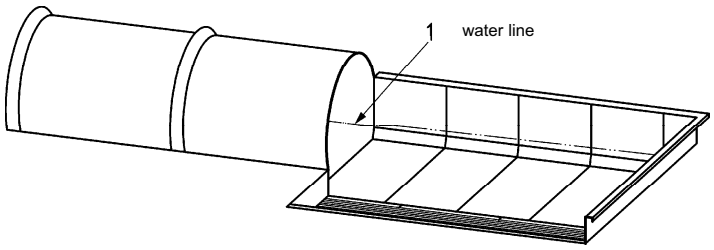
catch unit

integral part of a water slide, which brings the rider to a halt in his sliding position

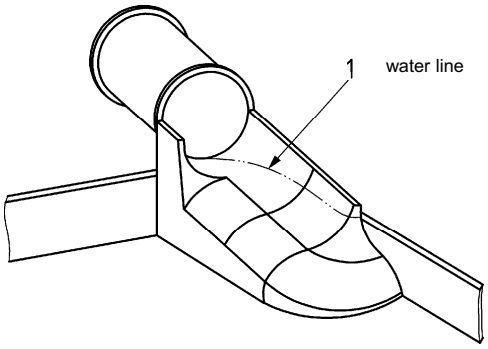
EXAMPLE



sofa unit

integral part of a water slide, which slows down the rider on the sliding surface and moves him additionally, sideways out of the sliding path of the following users

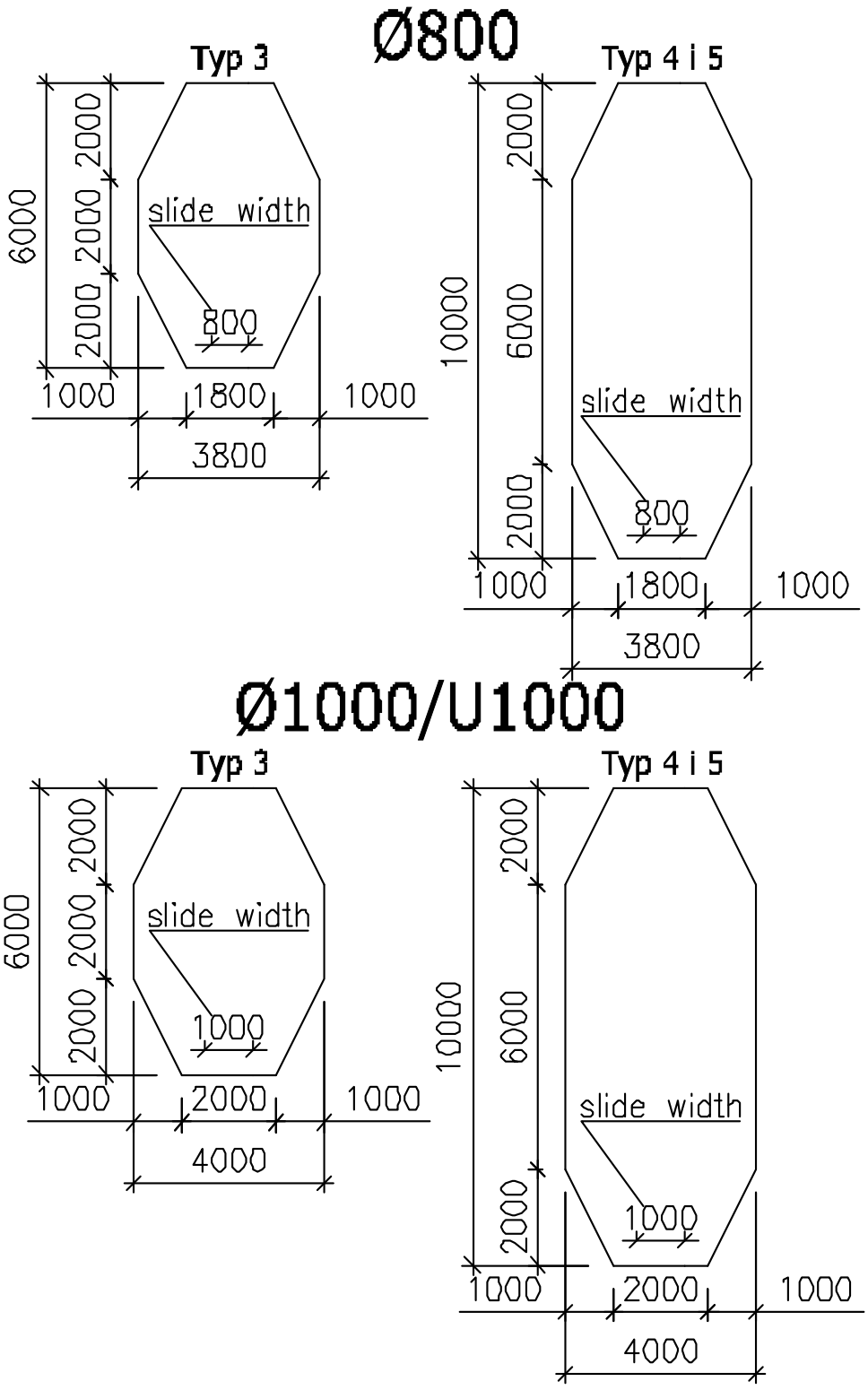
EXAMPLE

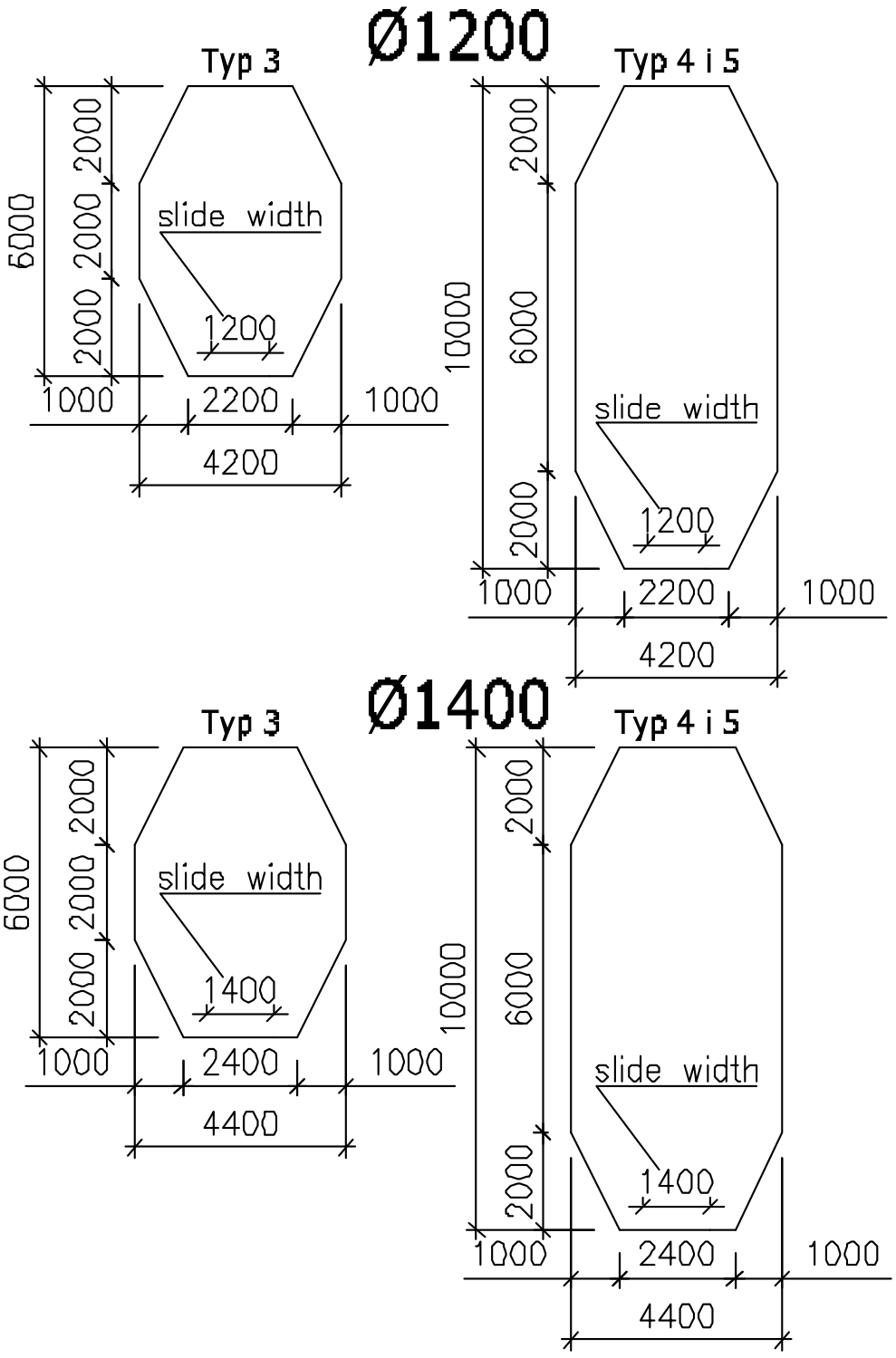


splashdown area

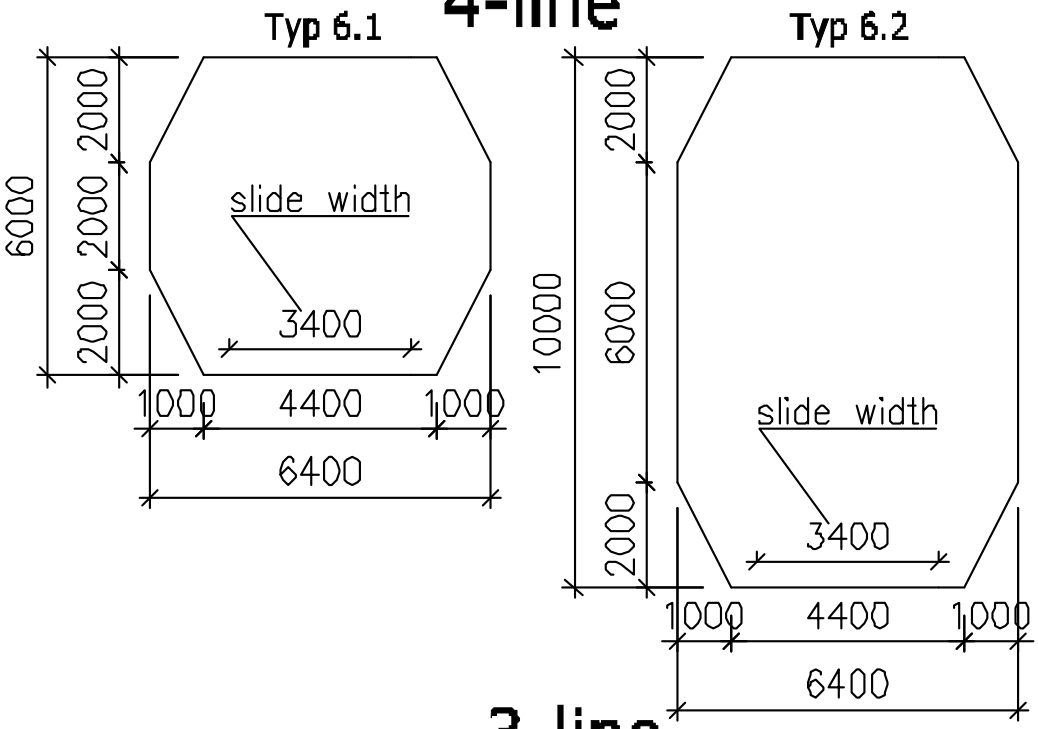
specific pool or area which is part of a general purpose pool,
in which the user lands from the end of the slide, and is brought to a halt in the water

splashdown areas for each slide type

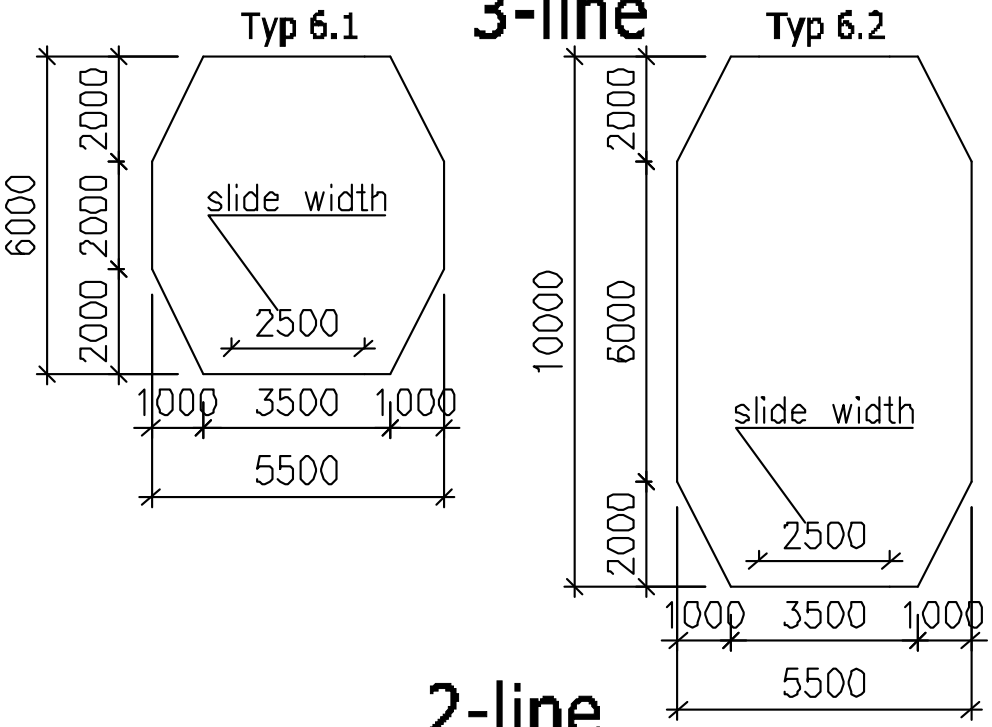



Ø1200
Typ 3
Typ 4 i 5
6000
2000
2000
2000
2000
slide width
1200
1000
2200
1000
4200
10000
2000
6000
2000
slide width
1200
1000
2200
1000
4200
Ø1400
Typ 3
Typ 4 i 5
6000
2000
2000
2000
2000
slide width
1400
1000
2400
1000
4400
10000
2000
6000
2000
slide width
1400
1000
2400
1000
4400

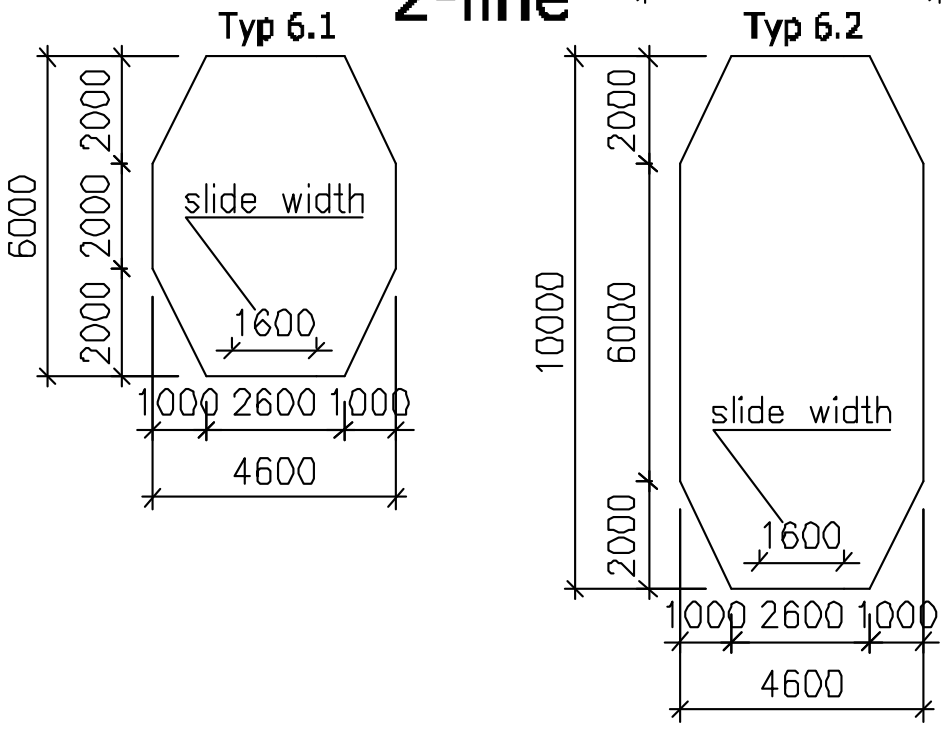
4-line



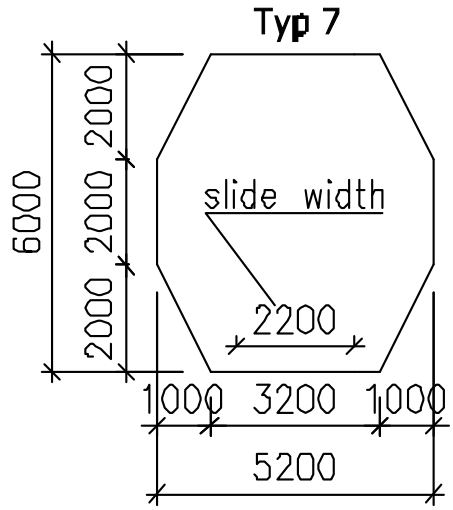
3-line



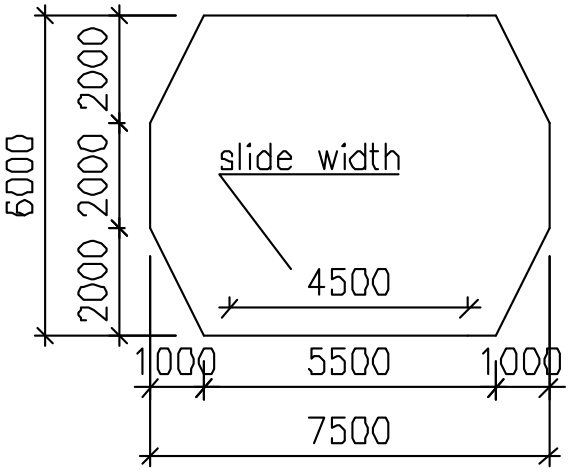
2-line



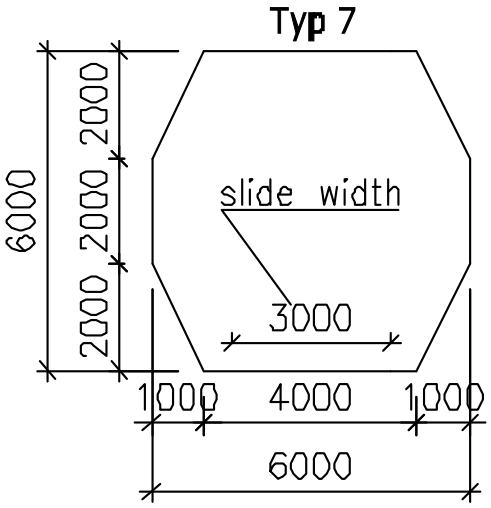
Family B2200



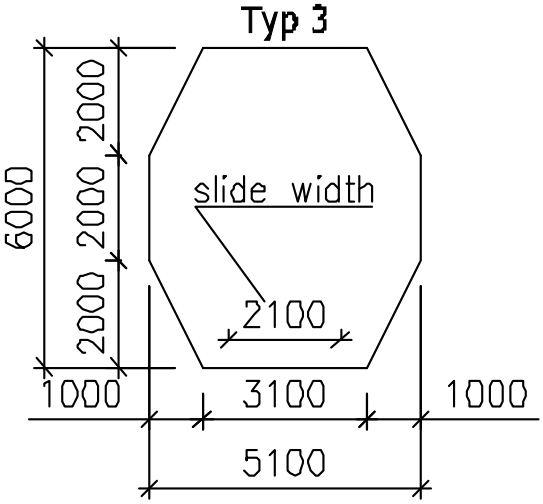
Bumerang



Family B3000

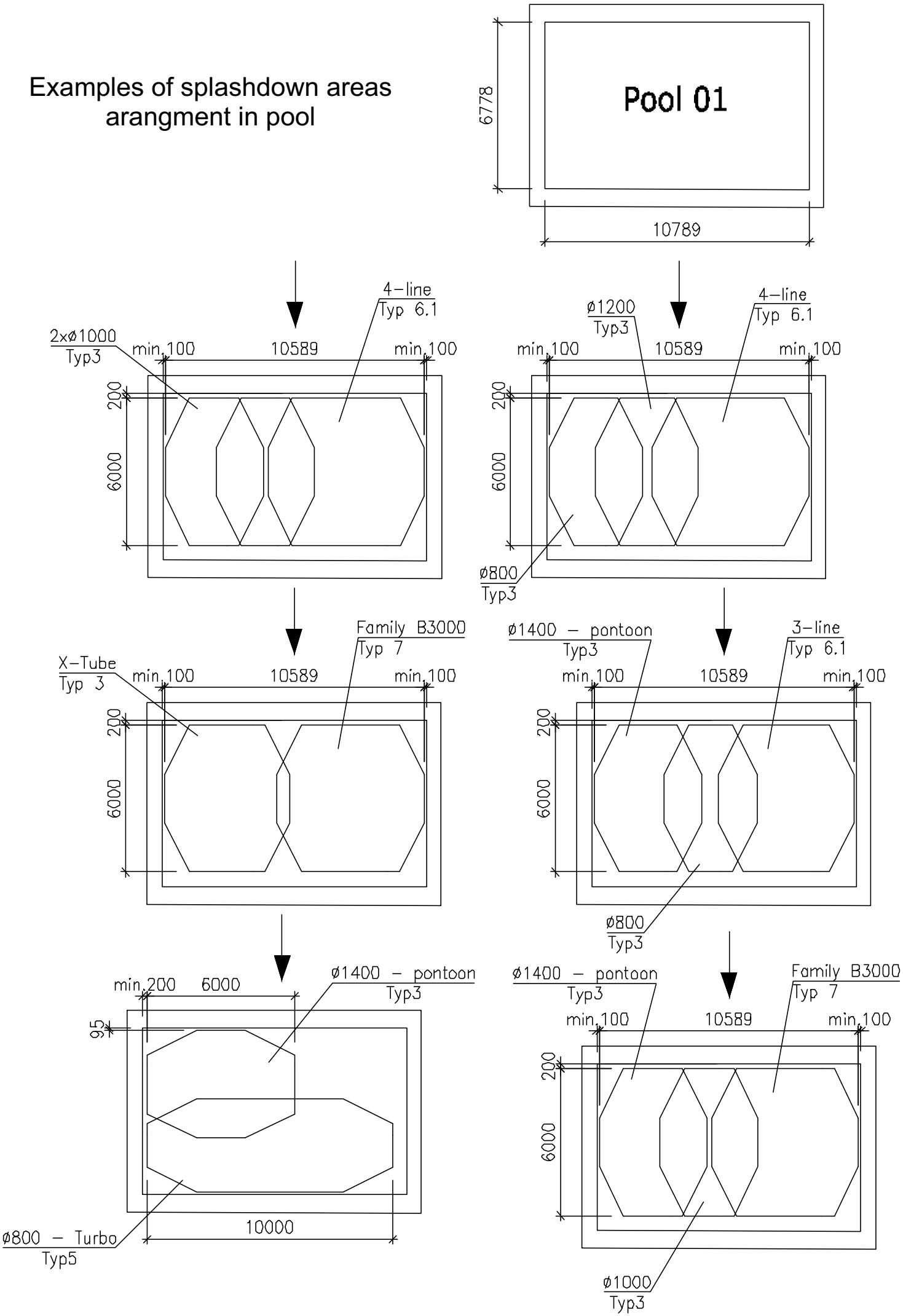


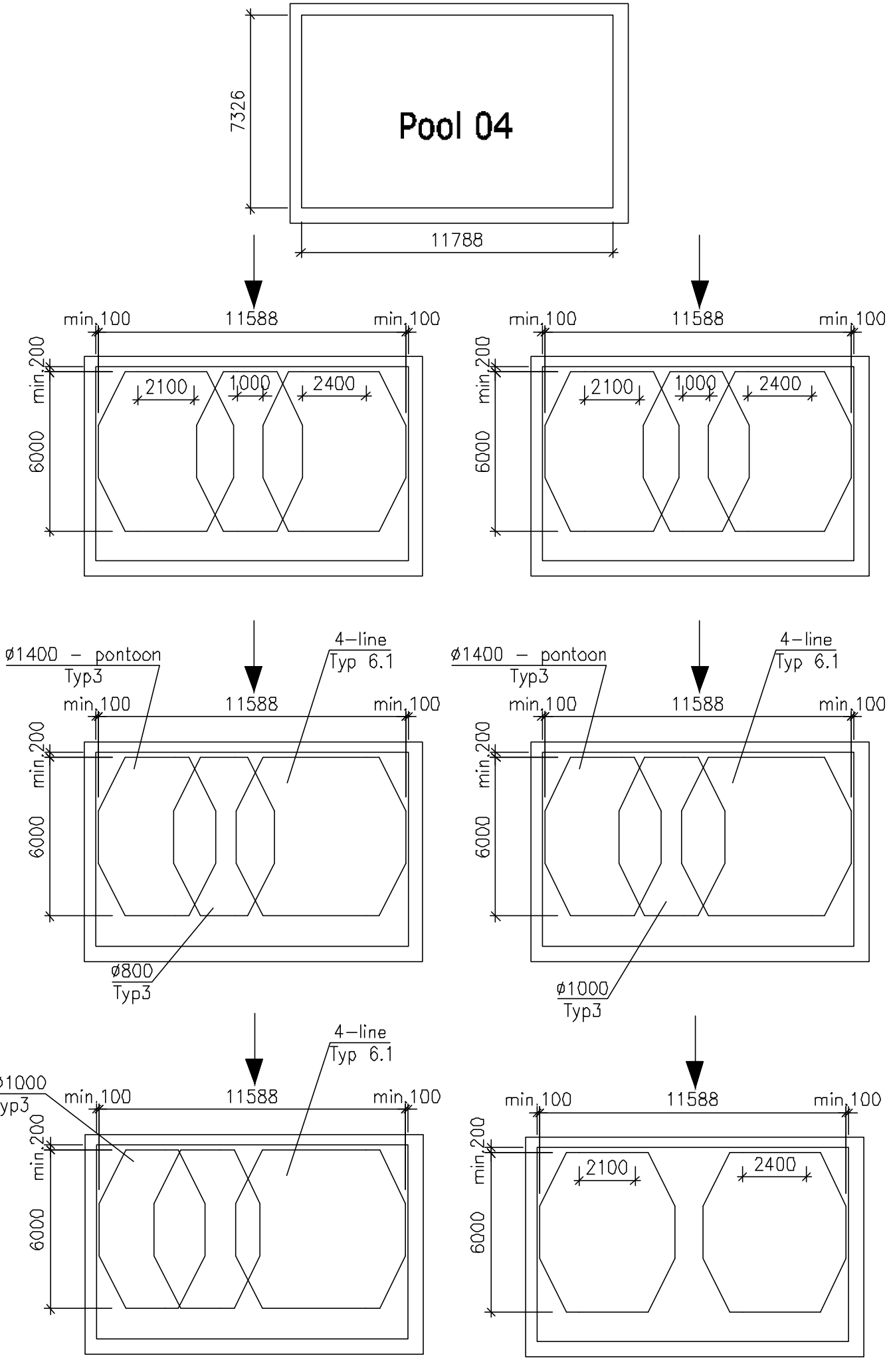
INFINITI

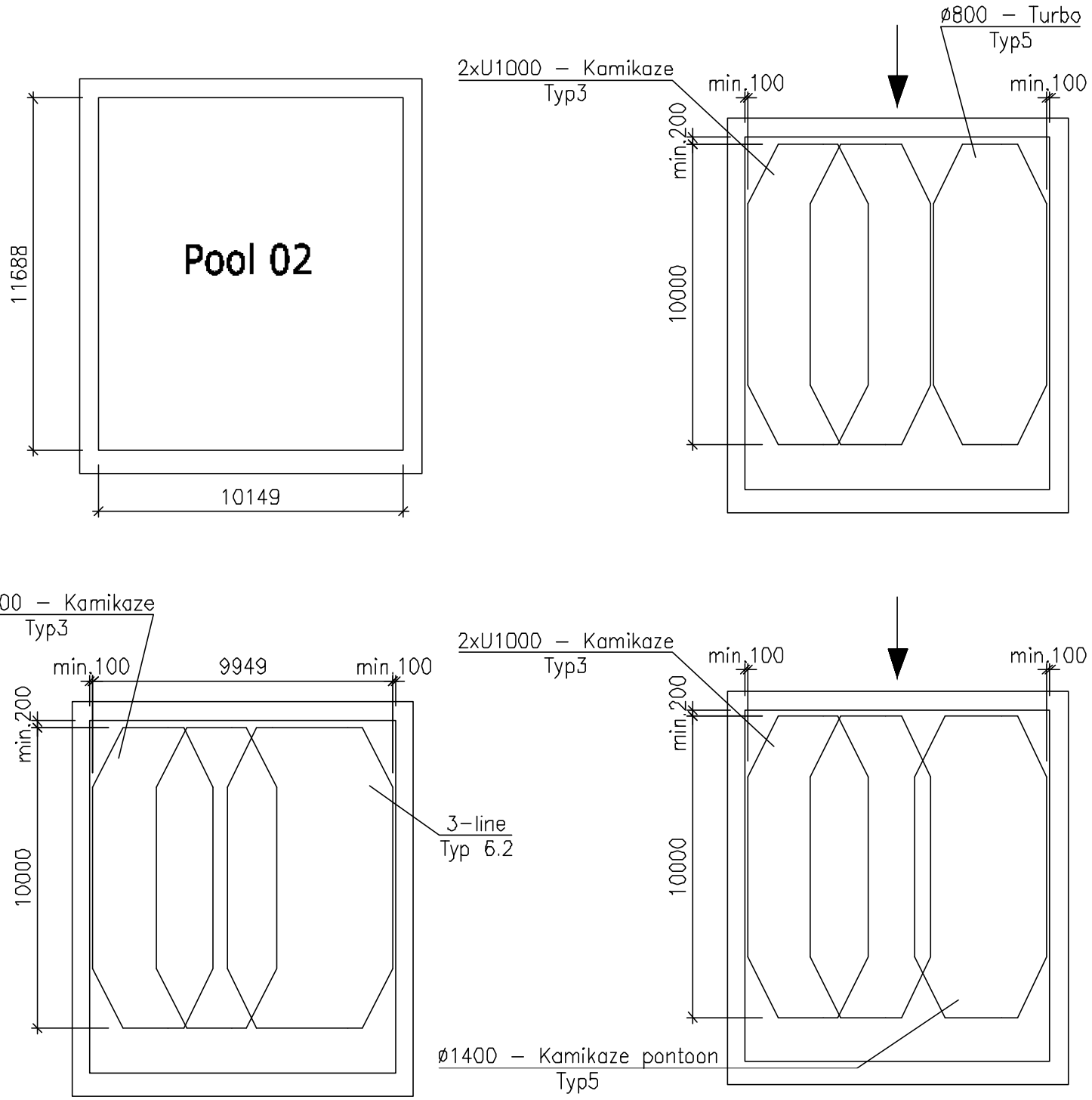


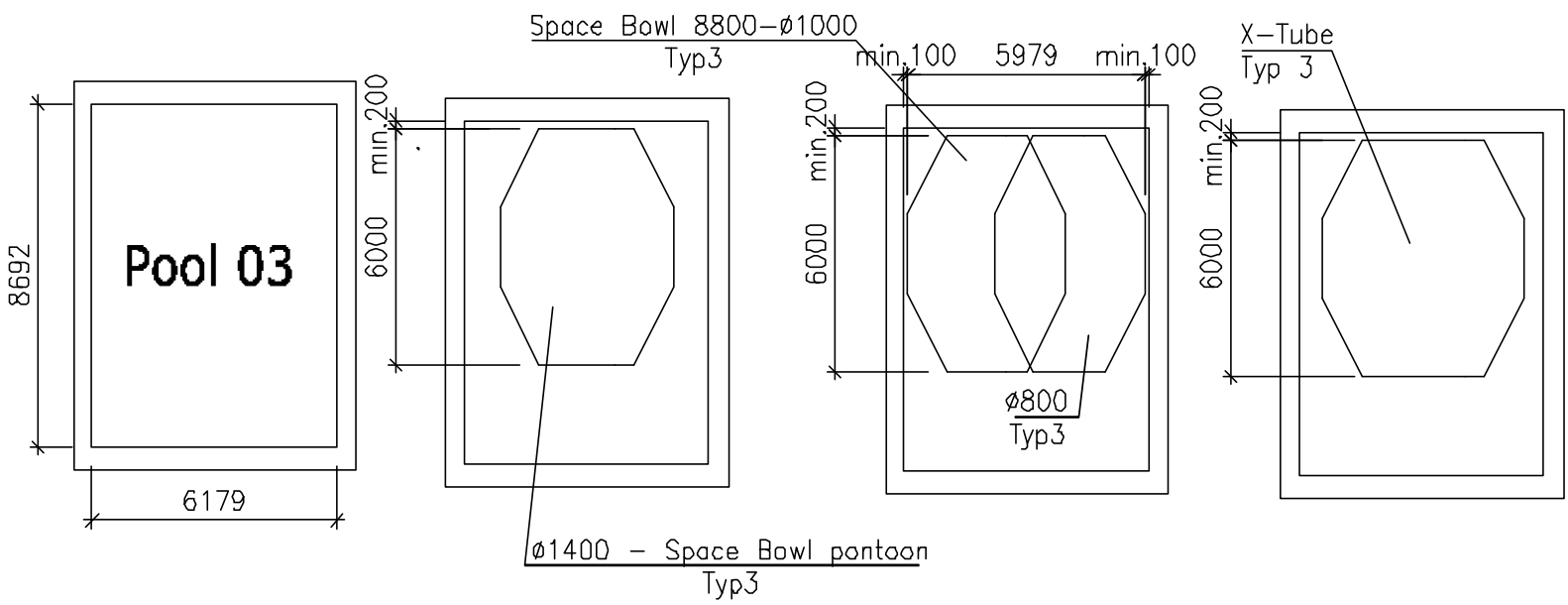
Pool water depth for outlet of slide placed up to 20cm above water level is min 1 m.
If slide outlet is from 20 to max 60cm above, than pool water depth is min 1,8 m

Examples of splashdown areas arangment in pool




Pool 04
7326
11788
min.100
11588
min.100
min.200
6000
2100
1000
2400
ø1400 – pontoon
Typ3
4–line
Typ 6.1
ø800
Typ3
ø1000
Typ3
2xø1000
Typ3


Pool 02
11688
10149
2xU1000 – Kamikaze
Typ3
ø800 – Turbo
Typ5
min.100
min.100
min.200
10000
2xU1000 – Kamikaze
Typ3
min.100
9949
min.100
min.200
10000
3–line
Typ 6.2
2xU1000 – Kamikaze
Typ3
min.100
min.100
min.200
10000
ø1400 – Kamikaze pontoon
Typ5


Pool 03
8692
6179
Space Bowl 8800–ø1000
Typ3
min.200
6000
min.100
5979
min.100
min.200
6000
ø800
Typ3
X–Tube
Typ 3
min.200
6000
ø1400 – Space Bowl pontoon
Typ3

Waterslides type classification

Type 1

Type 1.1

Straight slides for children not exceeding 1,0 m in height from start section to water level and with an average inclination ≤ 70 %, may be designed in form of single slide or wide slide (more than one user at the same time).

Type 1.2

Straight single-track slide for children with an average inclination ≤ 70 % and a height 1 000 mm < h ≤ 3 000 mm from start section to water level.

Type 2

Type 2.1

Curved single-track slide for children with an average inclination ≤ 70 % and a height ≤ 3 000 mm from start section to water level.

Type 2.2

Helical single-track slide for children with an average inclination ≤ 70 % and a height ≤ 3 000 mm from start section to water level, where the radius of the slide is constant and in the same direction.

Type 3

Single-track slide, with an average inclination of maximum 13 %, excluding the final part. The average speed of the users shall be ≤ 5 m/s. The maximum speed of the users shall be ≤ 8 m/s.

Type 4

Speed single-track slide with an average inclination between 13 % and 20 %, excluding the final part. The average speed of the users shall be ≤ 10 m/s. The maximum speed of the users shall be ≤ 14 m/s.

Type 5

High speed single-track slide with an average inclination of at least 20 %, excluding the final part. The maximum speed of the users may be > 14 m/s.

Type 6

Type 6.1

Multi-track slide with separate parallel tracks (straight or curved) with an average inclination of maximum 13 %, one beside the other over full length. The average speed of the users shall be ≤ 5 m/s. The maximum speed of the users shall be ≤ 8 m/s.

Type 6.2

Multi-track slide with separate parallel tracks (straight or curved), with an average inclination of between 13 % and 20 %, excluding the final part. The average speed of the users shall be ≤ 10 m/s. The maximum speed of the users shall be ≤ 14 m/s.

Type 7

Wide straight slide with a maximum inclination of 35 %, not exceeding 8 m in height above water level and 7,7 m above the ground. The maximum speed of the users shall be ≤ 8 m/s.

Type 8

Single-track slide with longitudinal descending and ascending gradients where the user also slides upwards, sometimes helped by a jet of water or by a specific device.

Type 9

Wide straight single-track slide providing a free transversal oscillating sliding path while sliding in direction to the end of the slide. The maximum speed of the users shall be ≤ 14 m/s.

Type 10

A combination slide where the user exits from a slide of another type into a circular bowl and descends in a spiral path, before either free falling through a hole at the bottom into the splashdown area or entering an additional slide.