

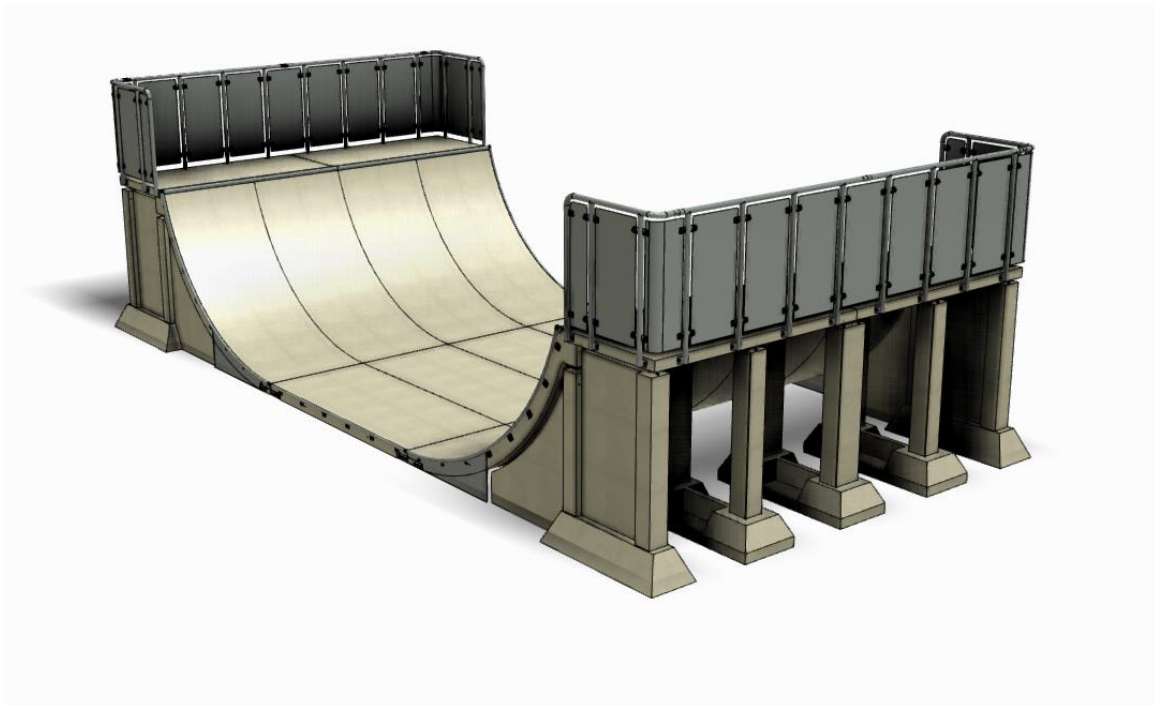


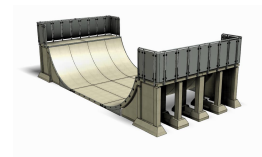
It shall apply from: 02-03-2020 r.

**THE ASSEMBLY INSTRUCTION OF:  
FUN – RAMP**

**PRODUCT CODE: 194808**

**The device is intended to be mounted in-ground.  
Foundations required.**



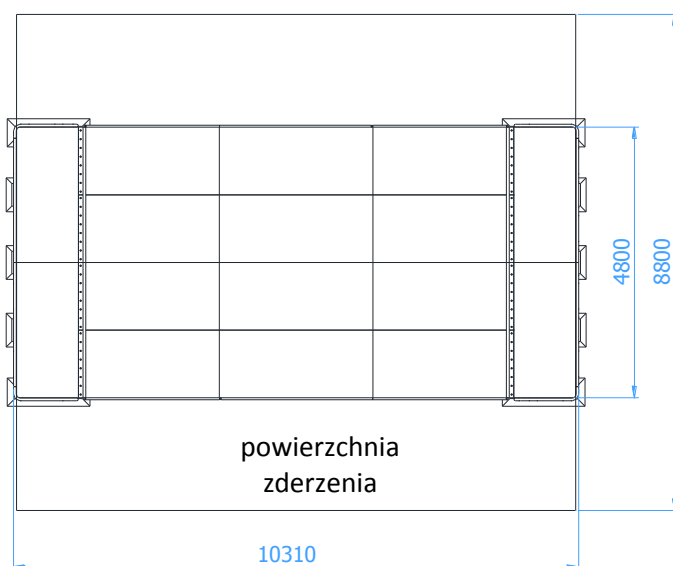
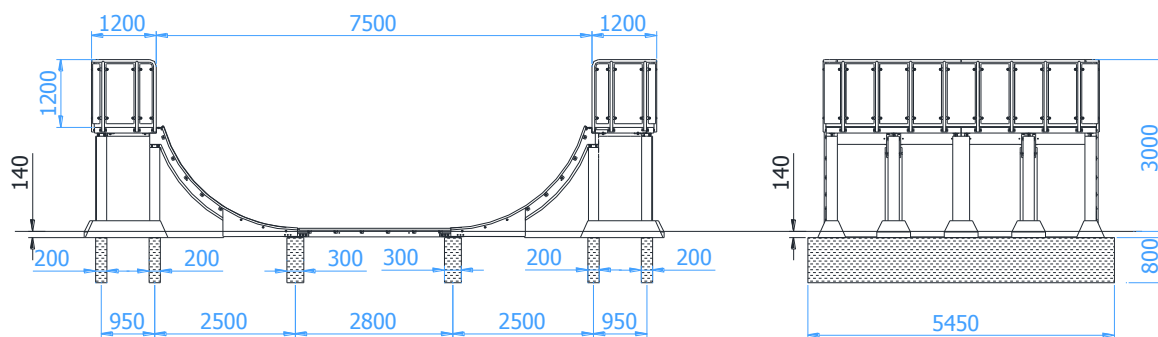


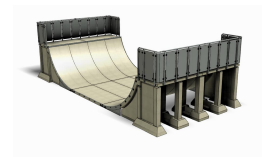
## TABLE OF CONTENTS

INTRODUCTION .....	2
STAGE 1 – Preparatory work .....	3
STAGE 2 – Assembly of the construction .....	4
1. List of components .....	4
2. Assembly scheme .....	7

## INTRODUCTION

- Depth of foundation: 0,94 m
- Impact area: 10,31 x 8,80 m

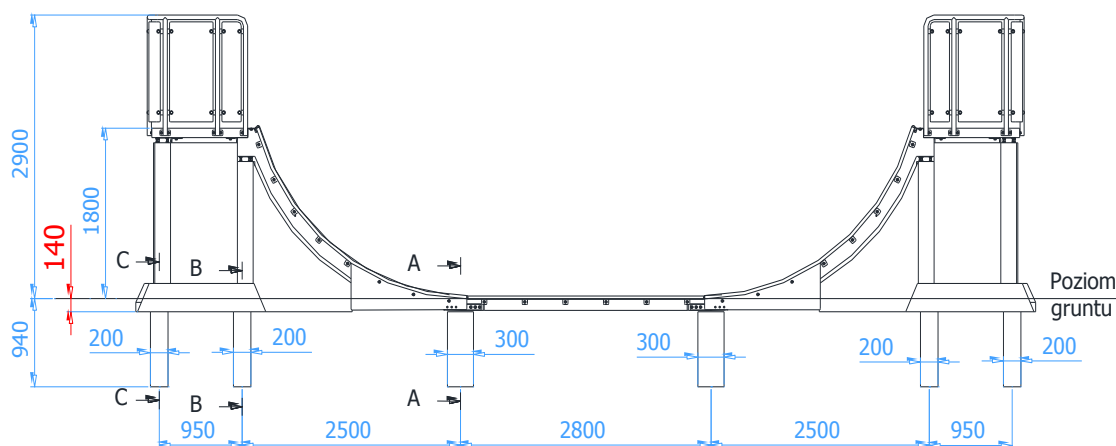




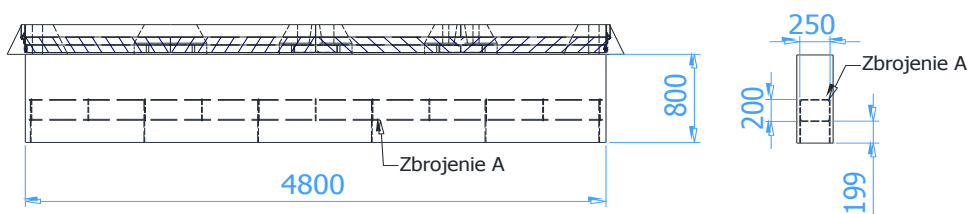
## STAGE 1 – Preparatory work

- If the device is intended to be mounted on the existing surface, the surface shall be removed in the area of 10550x5450mm, to a depth of 140mm
- Secure the assembly site to keep others at a distance.
- Set the construction in a designated place having regard to required impact area.
- Before installing the Fun-ramp, lay the foundations according to figure below. The depth of foundations shall be adapted to a local building regulations.

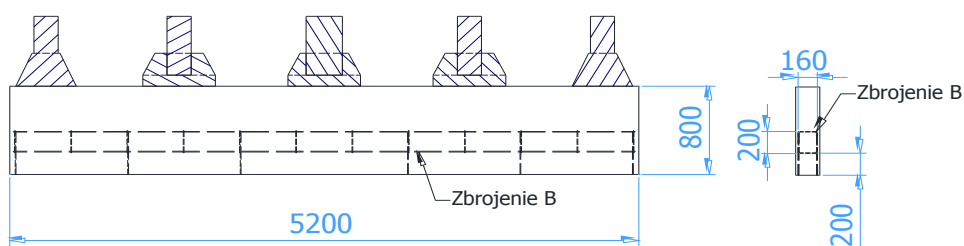
Foundations scheme:



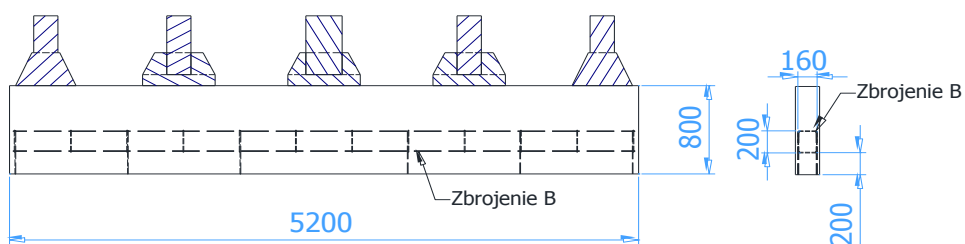
A-A ( 1 : 50 )

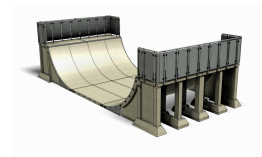


B-B ( 1 : 50 )

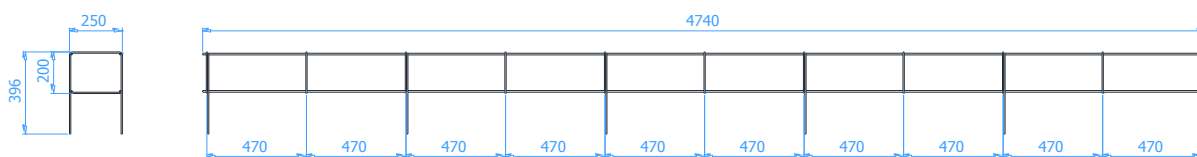


C-C ( 1 : 50 )

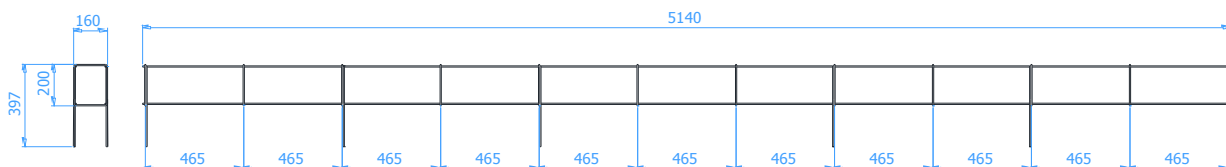




Zbrojenie fundamentu A ( 1 : 15 )



Zbrojenie fundamentu B ( 1 : 15 )



**WARNING !**

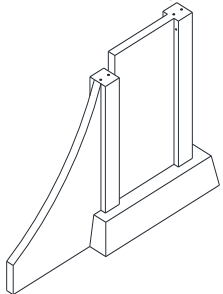
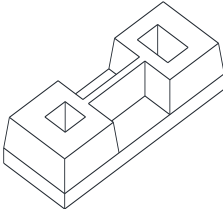
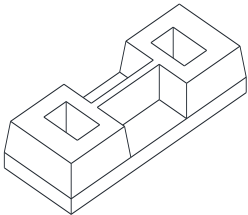



If the foundations are set precisely, the device do not require levelling. Otherwise the devices shall be levelled with the use of sheet metal underlay plates. The width of the plates depends on arisen unevenness.

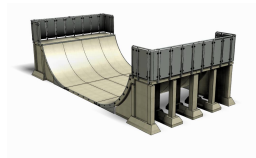
**ALL ELEMENTS OF THE CONSTRUCTION SHALL BE PERFECTLY LEVELLED!**

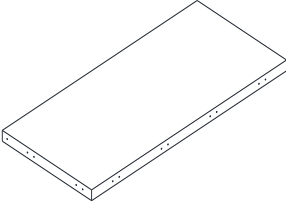
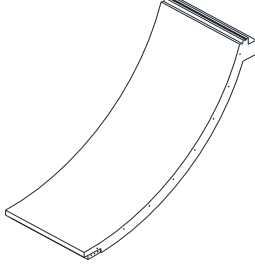
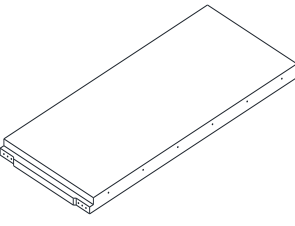
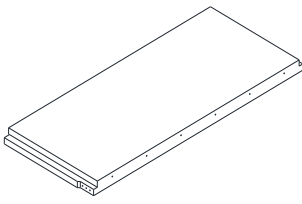
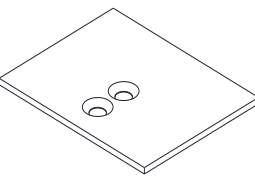
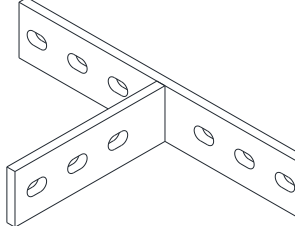
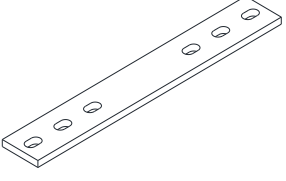
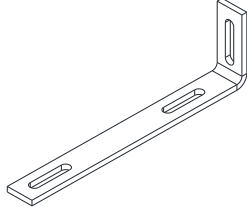
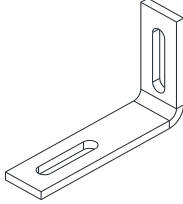
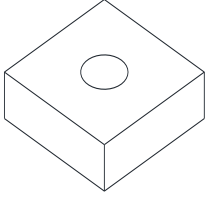
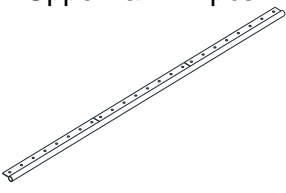
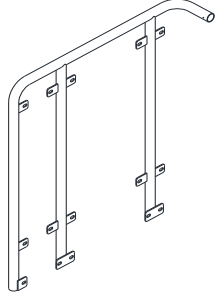
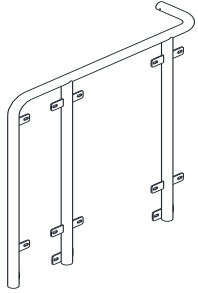
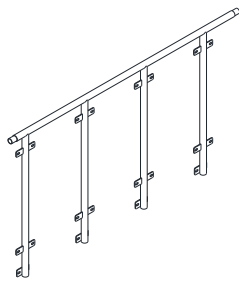
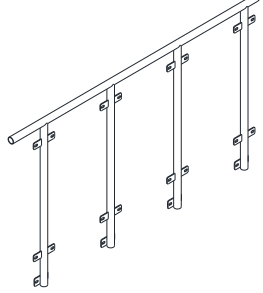
Installation shall be performed in accordance to safety & health standards.

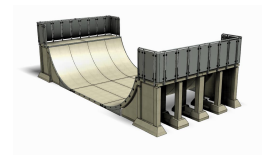
**STAGE 2 - Assembly of the construction**

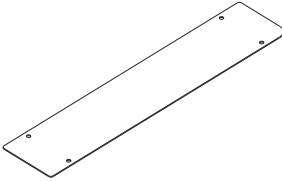
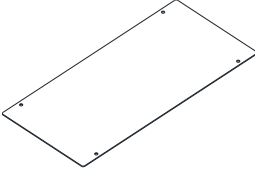
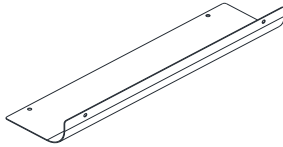
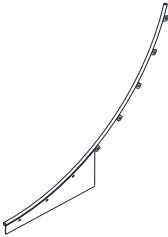
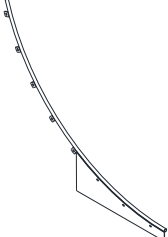
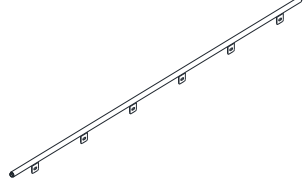



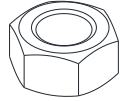

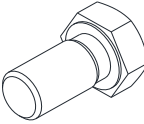
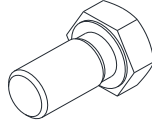
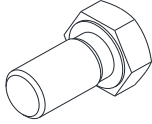
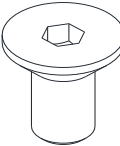
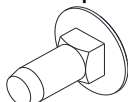

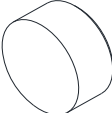
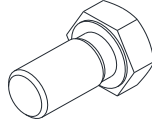
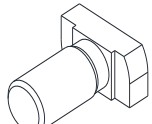
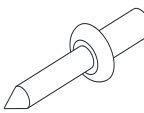
**1. List of components**

ITEM	Description and illustration	ITEM	Description and illustration	ITEM	Description and illustration
1	Side wall – 4pcs. 	2	Small foot – 4 pcs. 	3	Large foot – 2 pcs. 
4	Post 20x30x1500 – 6 pcs. 	5	Post 20x20x1700 – 4 pcs. 	6	Post 20x30x1700 – 2 pcs. 



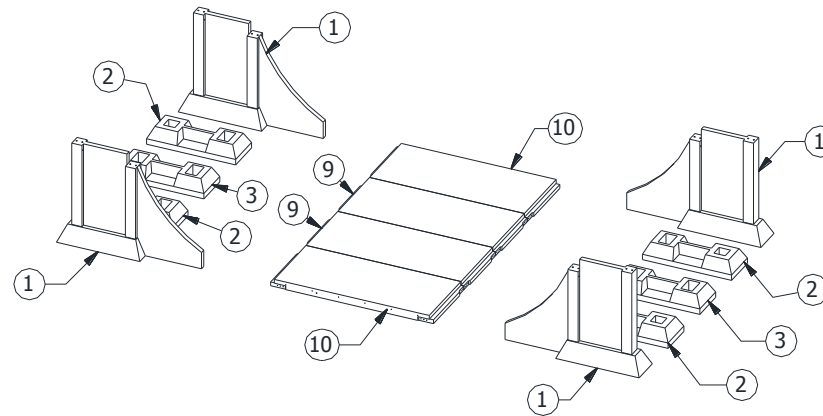
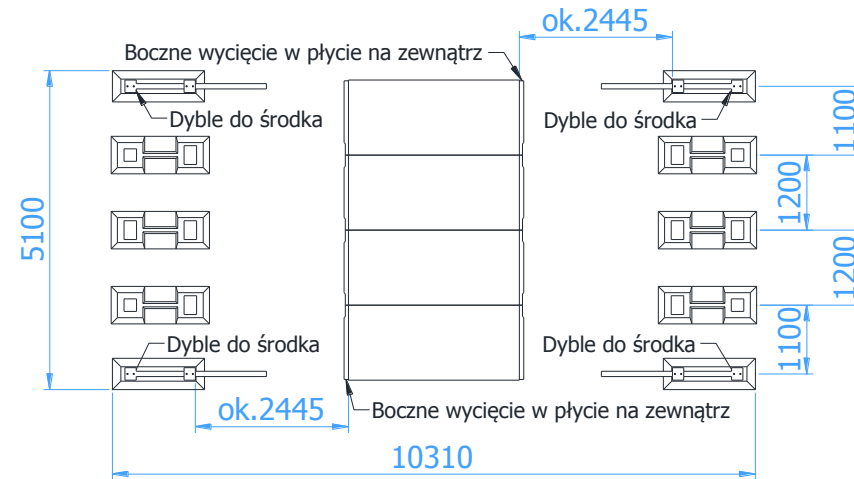
7	Large platform – 4 pcs. 	8	Ramp – 8 pcs. 	9	Centre floor plate – 2 pcs. 
10	External floor plate – 2 pcs. 	11	Supporting plate 140x110x5mm - 28 pcs. 	12	Steel T-section – 6pcs. 
13	Steel flat bar – 4 pcs. 	14	Large steel angle – 16 pcs. 	15	Small steel angle – 12 pcs. 
16	Square nut – 64 pcs. 	17	Upper rail – 4 pcs. 	18	Left barrier – 2 pcs. 
19	Right barrier – 2 pcs. 	20	Back barrier A – 2 pcs. 	21	Back barrier B – 2 pcs. 



22	Plate of a barrier 1065x220 – 4 pcs. 	23	Plate of a barrier 1065x498 – 18 pcs. 	24	Corner plate of a barrier – 4 pcs. 
25	Left side rail – 2 pcs. 	26	Right side rail – 2 pcs. 	27	Floor plate rail – 2 pcs. 
28	Washer M16 – 72pcs. 	29	Washer M10 – 104pcs. 	30	Large washer M10 – 174pcs. 
31	Nut M16 – 104 pcs. 	32	Nut M10 – 104 pcs. 	33	Hexagon head screw M16x80 – 56 pcs. 
34	Hexagon head screw M16x30 – 24 pcs. 	35	Hexagon head screw M10x25 – 174 pcs. 	36	Countersunk screw M10x20 – 92 pcs. 
37	Carriage bolt M10x25 – 104 pcs. 	38	Screw cover – 104 pcs. 	39	Screw cap – 104 pcs. 
40	Hexagon head screw M16x100 – 56 pcs. 	41	Jordahl JH T-bolt M16x30 – 48pcs. 	42	Blind rivet Ø4,8x24 – 8pcs. 

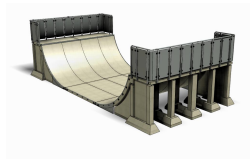
## 2. Assembly scheme

- **WARNING! ALL ELEMENTS OF THE CONSTRUCTION SHALL BE PERFECTLY LEVELLED!**
- Set the concrete elements in a right place, on the foundations, according to the figure below:

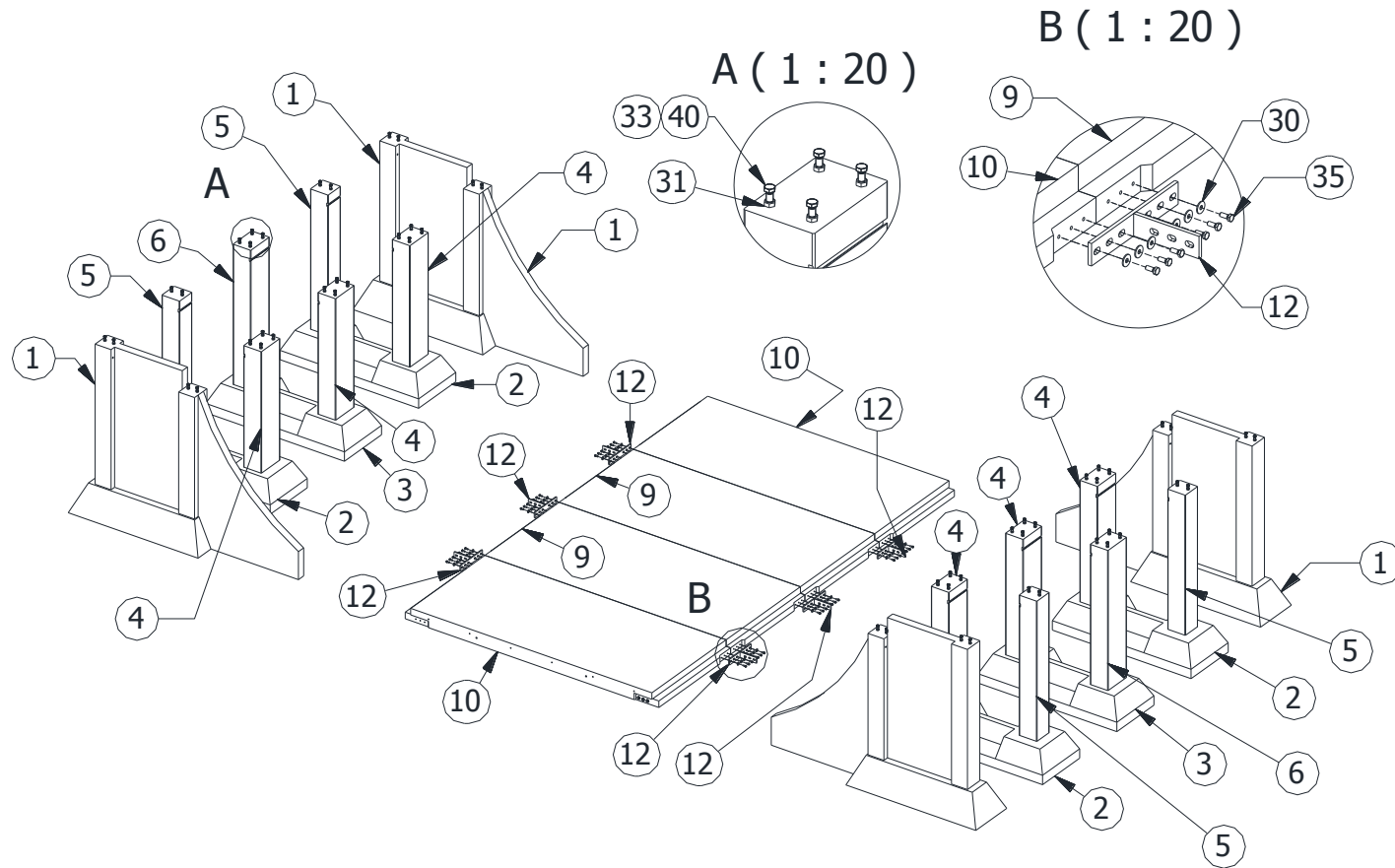


## ASSEMBLY INSTRUCTION

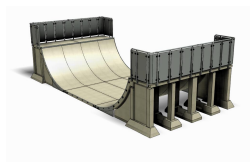
Product code:: 194808 Fun-ramp



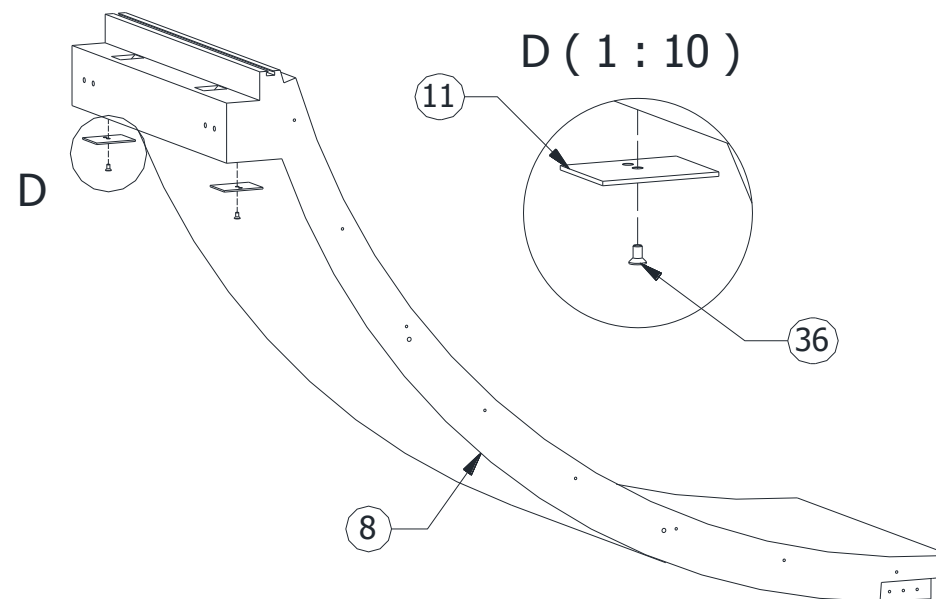
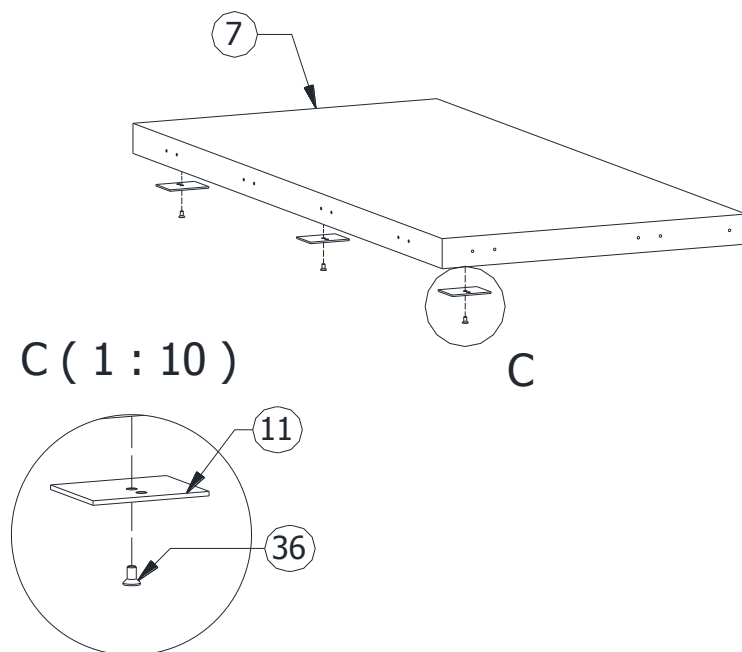
- Put the posts (item 4, 5, 6) into the feet (item 2, 3)
- Connect the floor plates (item 9, 10) together by using T-sections (item 12) and screws with washers (item 30,35)
- Screw the screws M16x80 (item 33) with washers M16 (item 31) into the upper surfaces of posts (item 4, 5, 6) and side walls (item 1)  
Warning! In case of large differences in level of the ground, use the M16x100 screw (item 40) instead of screw M16x80 (item 33).





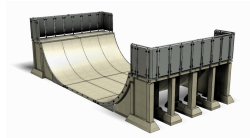


- Screw the supporting plates 110x140x5mm (item 11) to all platforms (item 7) and ramps (item 8) by using countersunk screws M10x20 (item 36)

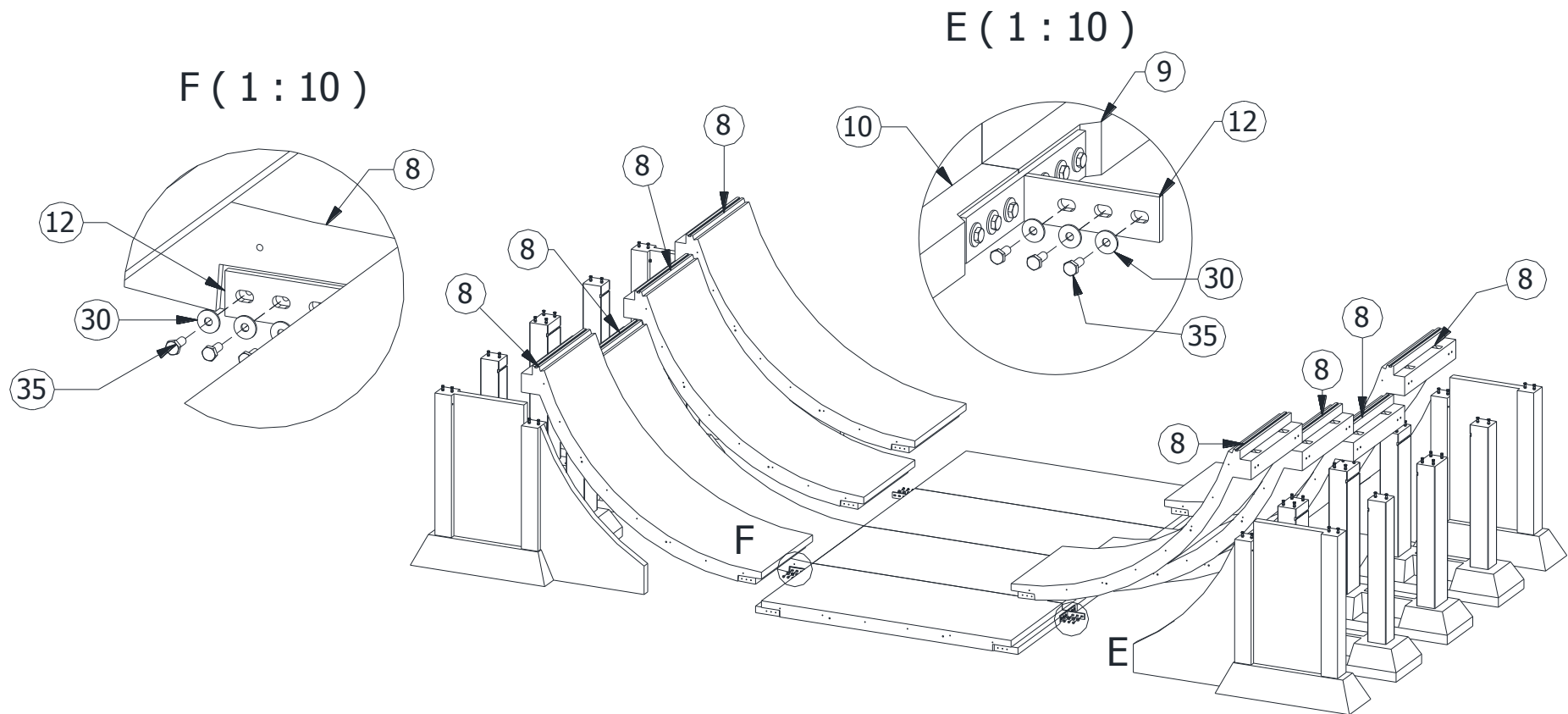


## ASSEMBLY INSTRUCTION

Product code:: 194808 Fun-ramp

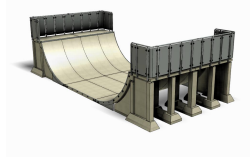


- Set the central ramps (item 8)
- Level the construction by unscrewing or tightening screws M16x80 (item 33). After levelling, tight the nut (item 31) on the screws to prevent them from loosening
- Screw the central ramps (item 8) to the steel T-sections (item 12) with screws M10x25 (item 35) and washers M10 (item 30)
- Set the external ramps (item 8)
- Level the construction by unscrewing or tightening screws M16x80 (item 33). After levelling, tight the nut (item 31) on the screws to prevent them from loosening

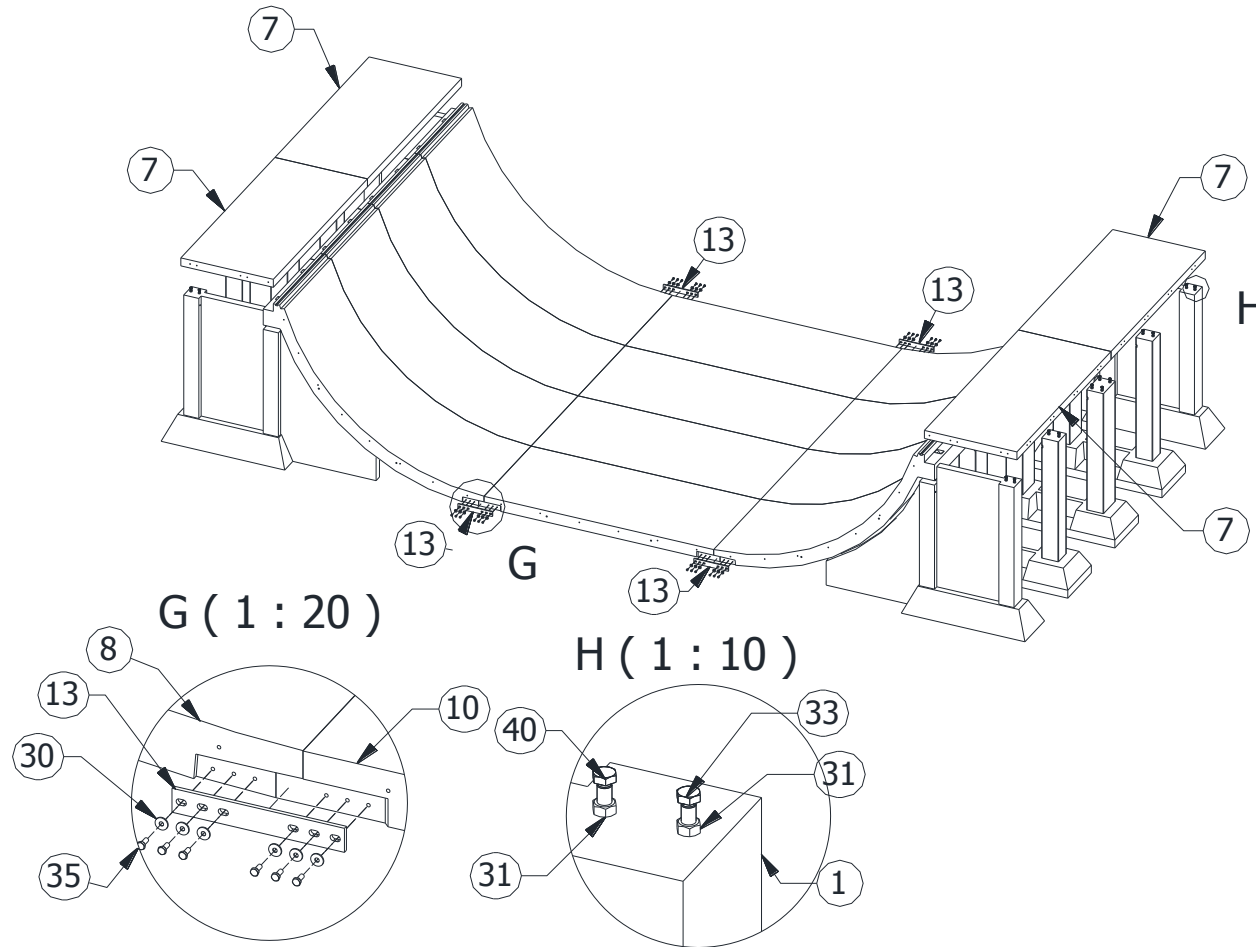


## ASSEMBLY INSTRUCTION

Product code:: 194808 Fun-ramp

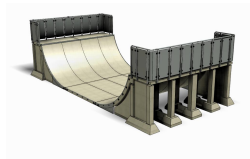


- Set the platforms (item 7) in the right place with supporting plates (item 11) from below.
- Level the construction by unscrewing or tightening screws M16x80 (item 33). After levelling, tight the nut (item 31) on the screws to prevent them from loosening
- Screw the steel flat bars (item 13) to the external ramps (item 8) with screws M10x25 (item 35) and washers M10 (item 30).

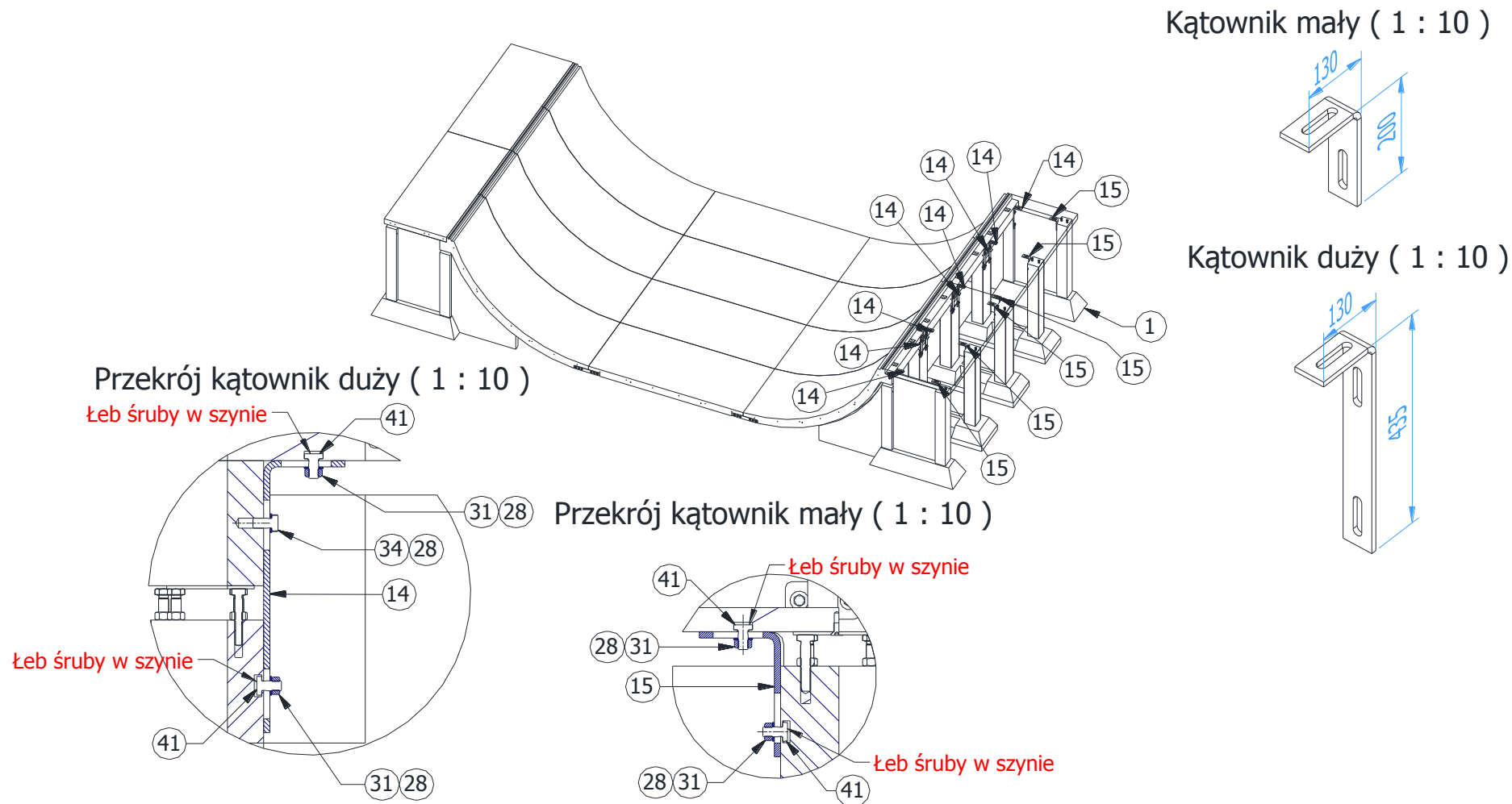


## ASSEMBLY INSTRUCTION

Product code:: 194808 Fun-ramp

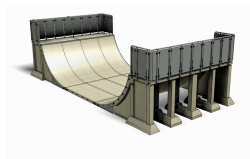


- Screw the platforms (item 7) and the ramps (item 8) to the posts (item 4, 5, 6) and to the side walls (item 1) by using steel angles (item 14, 15) and screws M16x30 (item 34, 41). Screw the large steel angles (item 14) from the side of ramps (item 8). See the accurate spacing of the steel angles and the mounting method on the figure below:

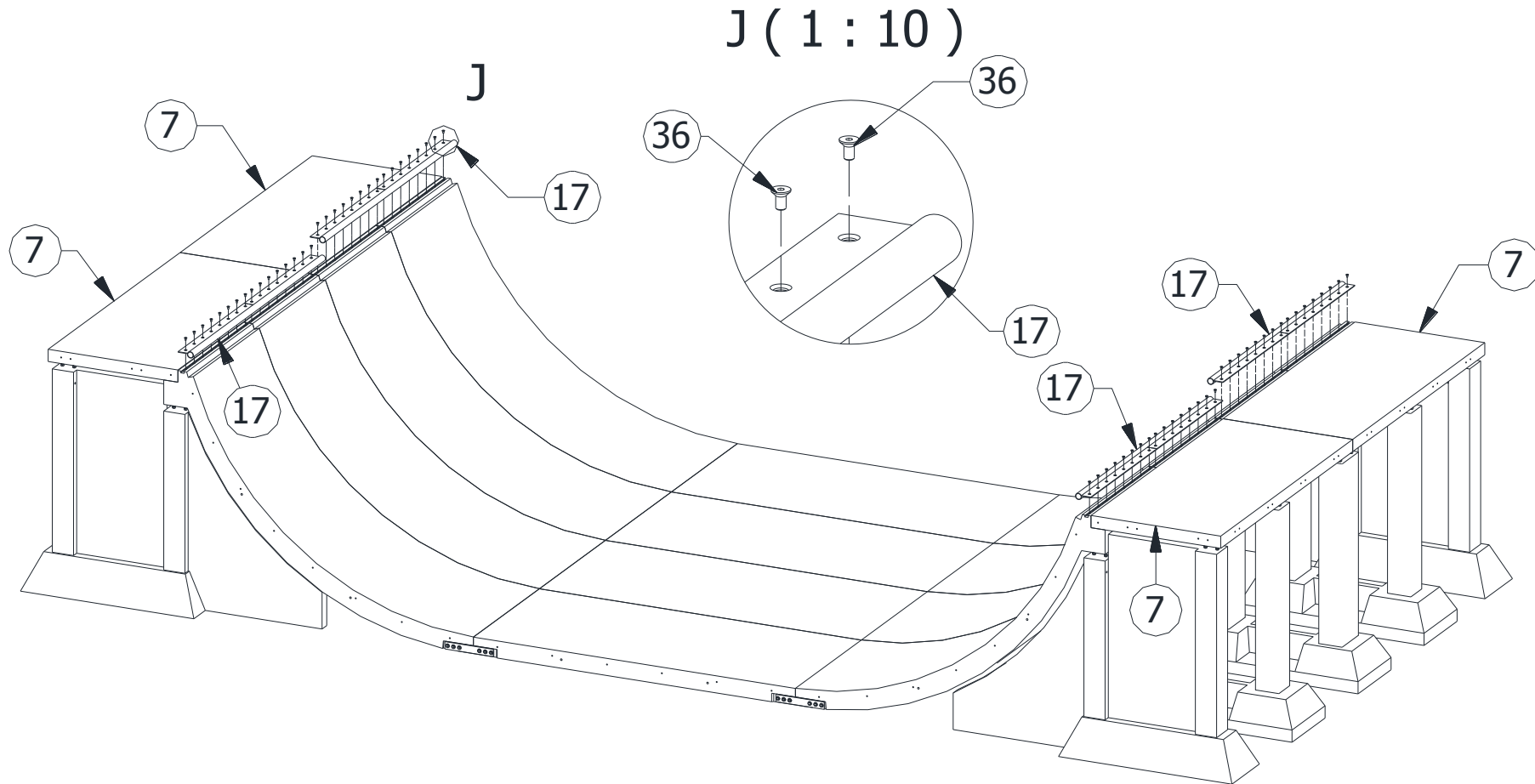


## ASSEMBLY INSTRUCTION

Product code:: 194808 Fun-ramp

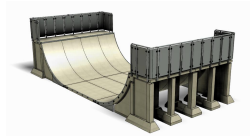


- Screw the upper rails (item 17) to the upper surface of the ramps (item 8): put the square nuts 25x25x8mm (item 16) into the rail in ramp (item 8) and screw the upper rail (item 17) by using screws M10x20 (item 36).

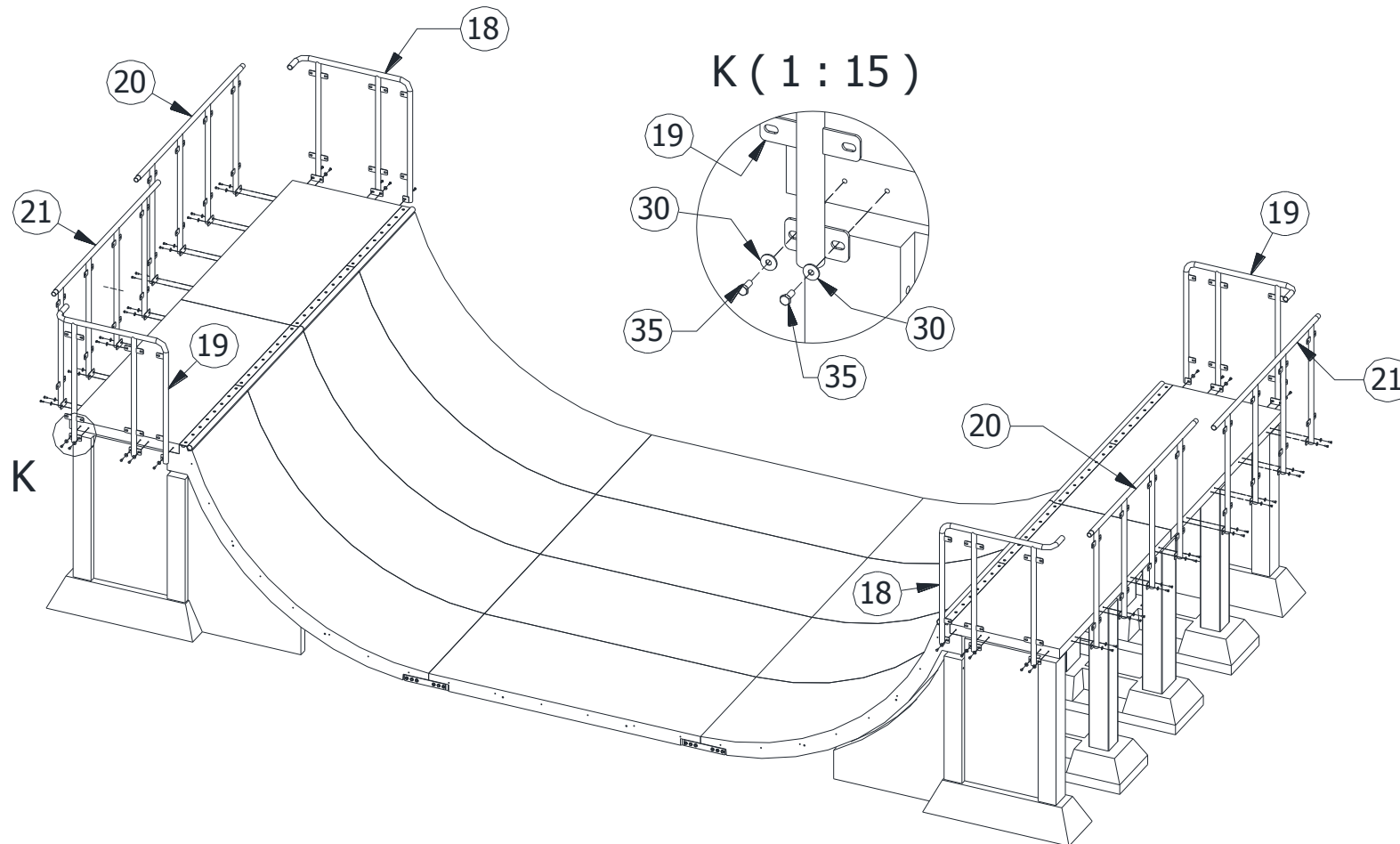


## ASSEMBLY INSTRUCTION

Product code:: 194808 Fun-ramp

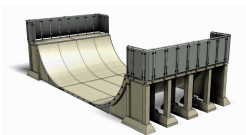


- Loosely screw the rear barriers (item 20, 21) to the platforms (item 7) by using screw M10x25 (item 35) with washers M10 (item 30).
- After screwing the rear barrier (item 20, 21), loosely screw the side barriers (item 18, 19) by using screws M10x25 (item 35) and washers M10 (item 30).
- The barrier shall be set such as to eliminate slacks between its components. Tighten the screws (item 35).



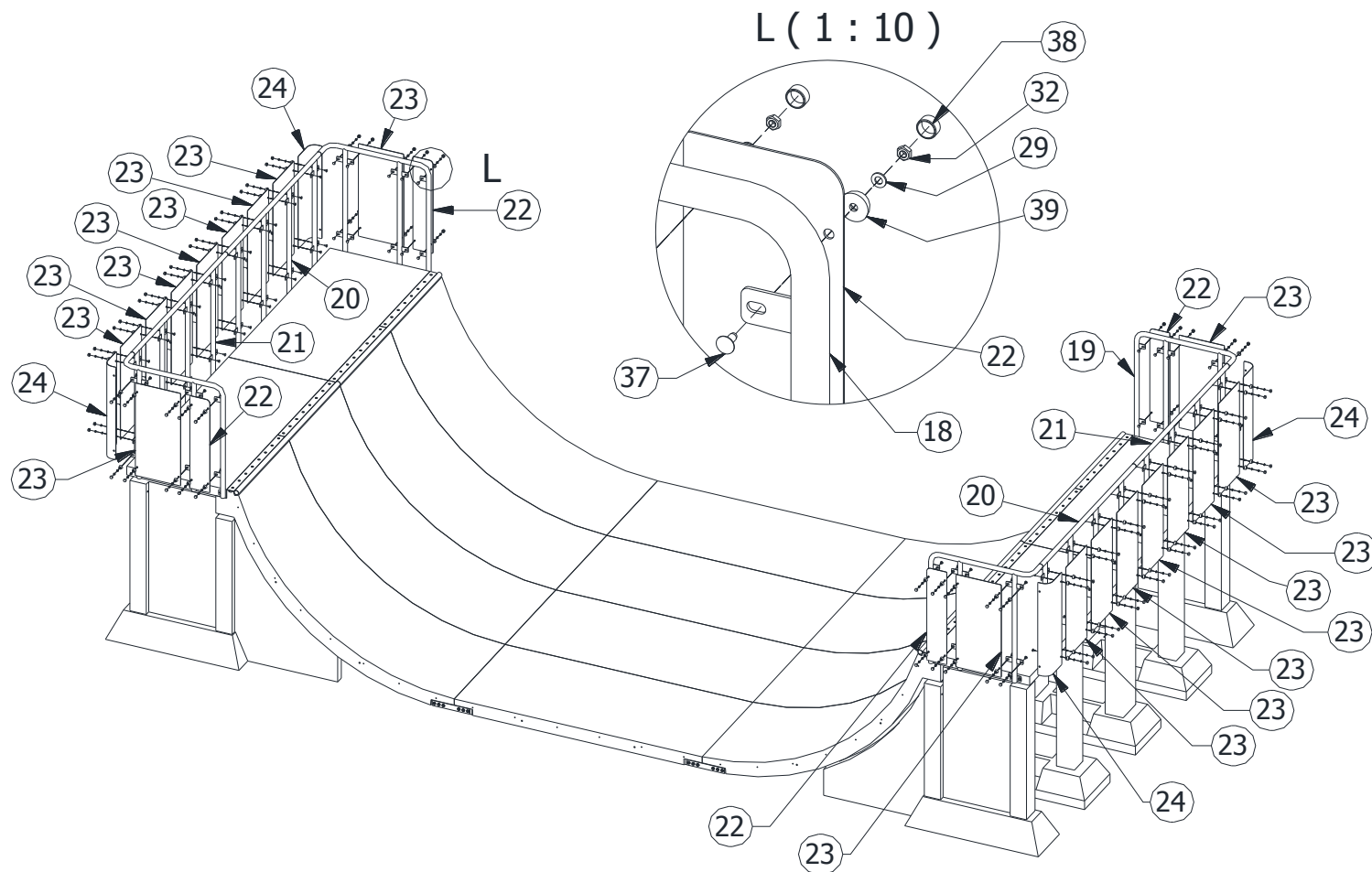
## ASSEMBLY INSTRUCTION

Product code:: 194808 Fun-ramp



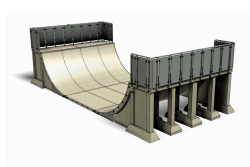
- Rivet the barrier (at the joint of its particular components) by using blind rivets  $\text{Ø}4,8 \times 24$  (item 42).
- Screw the plates of barriers (item 22, 23, 24) to the barriers (item 18, 19, 20 and 21) by using the carriage bolt M10x25 (item 37), the washer M10 (item 29), the nut M10 (item 32) and the screw covers and caps (item 38, 39).

Warning! Screw covers and caps (item 38 and 39) shall be located from the side of the nut!



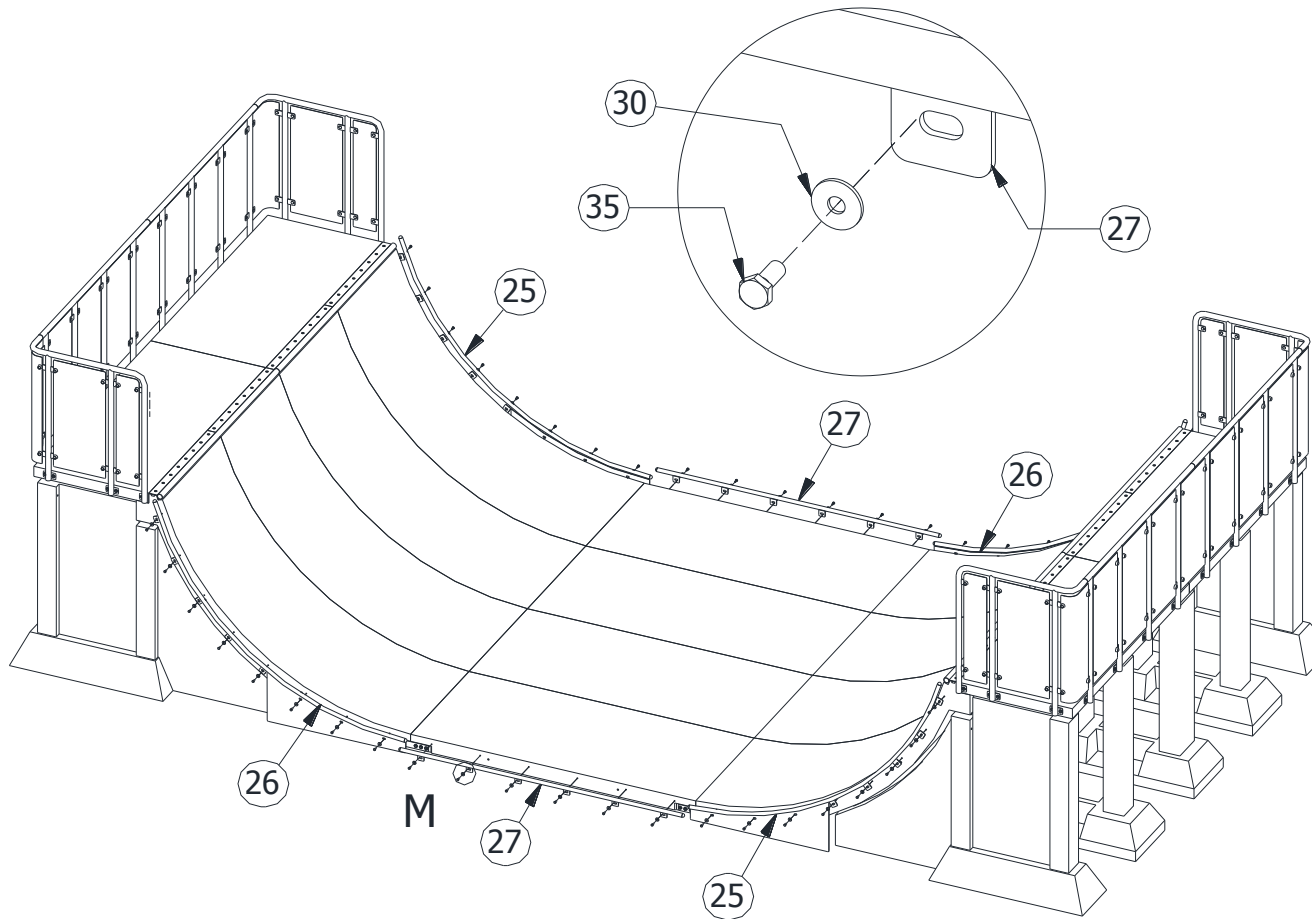
## ASSEMBLY INSTRUCTION

Product code:: 194808 Fun-ramp



- Screw the side rails (item 25, 26) to the ramps (item 8) by using screws M10x25 (item 35) and washers M10 (item 30).
- Optionally, screw the floor plate rails (item 27) to the external floor plates (point 10) by using screws M10x25 (item 35) and washers M10 (item 30).

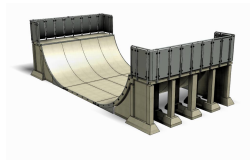
M ( 1 : 5 )



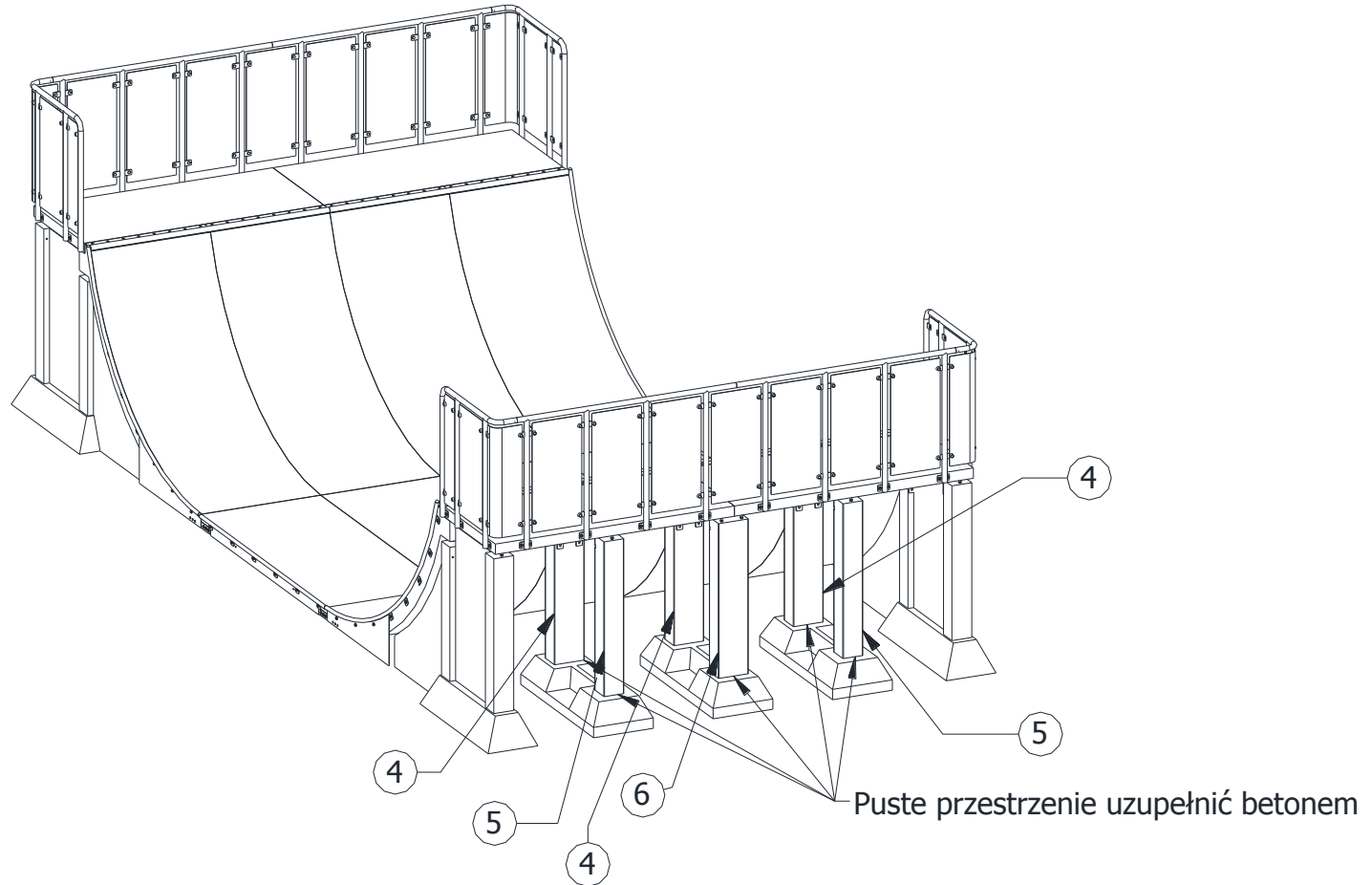


## ASSEMBLY INSTRUCTION

Product code:: 194808 Fun-ramp



- Fill in spaces between the posts (item 4, 5, 6) and foots (item 2, 3) with concrete.
- Optionally, the space under the floor plates can be covered with covering steel sheets. In such case, drill the holes in covering steel sheets, posts and side walls in appropriate locations. For screwing the steel sheets, use 36 bolts  $\varnothing 6 \times 60 \text{mm}$ .



Fill in the empty spaces with concrete

- Remove the slacks in joints.
- Put the statutory plate.