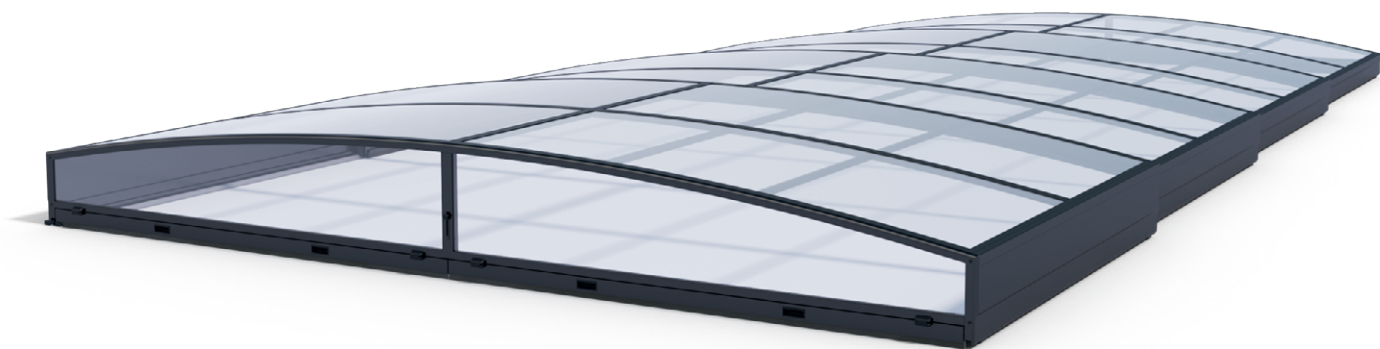


Building preparations



Swimming pool enclosures **SYDNEY**

Verze: 13. 03. 2023 / Revize: 29. 01. 2025
EN



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1.

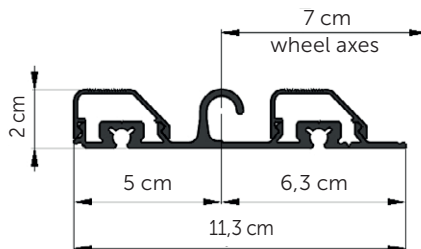
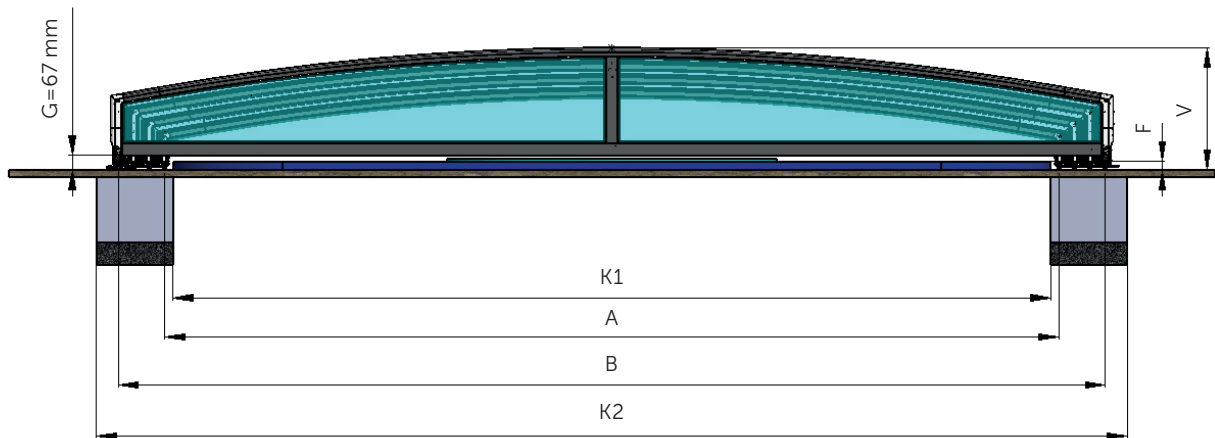
Content

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KEY:

- A** - rail spacing for the smallest module
- B** - rail spacing for the biggest module
- E** - total length of the enclosed area
- F** - the maximum height of the obstacle (e.g. pool edge) that the forehead must overcome
- G** - elevated lower border of the front panel from the lower edge of the rail
- R** - extension of the rail behind the enclosed area
- V** - height of the biggest module
- K** - axial distance between the inner and outer wheels on one side of the track; this does not determine the actual maximum width of the rail system
- K1** - inner spacing of the concrete strip
- K2** - outer spacing of the concrete strip
- K3** - width of the concrete strip

DETAIL A



RAILS AIR

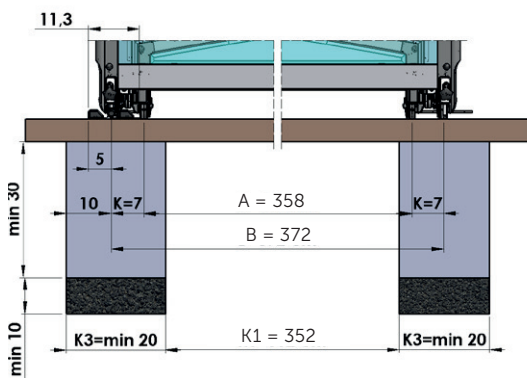
2.

Technical plan

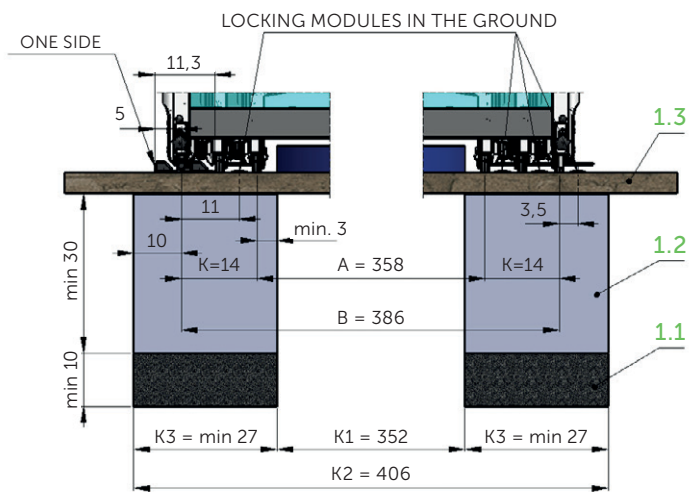
THE EXACT DIMENSIONS OF THE RAILS ARE ALWAYS PART OF THE SCHEMATIC DRAWING.

ALL DIMENSIONS ARE GIVEN IN CENTIMETRES.

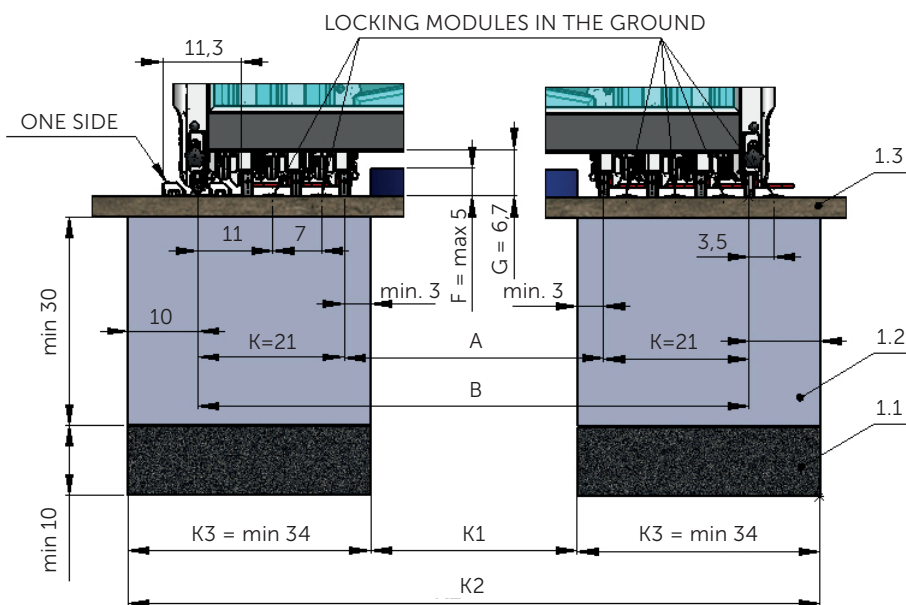
SYDNEY MS, XS – 2 MODULES



SYDNEY A, SYDNEY AS - 3 MODULES



SYDNEY B, BS, C - 4 MODULES



SYDNEY B, BS:

A = 408 cm
 B = 450 cm
 K1 = 402 cm
 K2 = 470 cm

SYDNEY BD

A = 358 cm
 B = 400 cm
 K1 = 352 cm
 K2 = 420 cm

SYDNEY C:

A = 458 cm
 B = 500 cm
 K1 = 452 cm
 K2 = 520 cm

1.1 Gravel (grade) 8-16 mm, height of the sub-base min. 10 cm

1.2 Concrete base

(concrete strips, concrete slab)

Carried out with a concrete base:

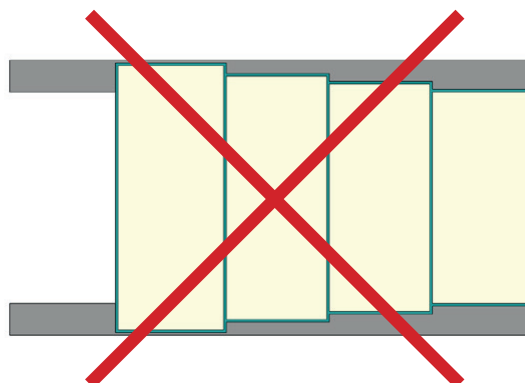
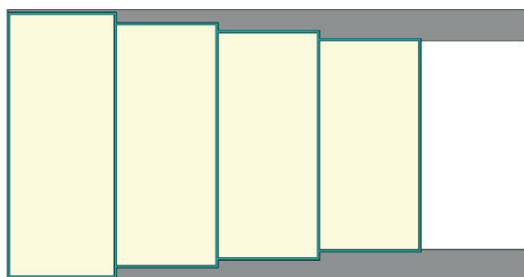
- carried out of gravel backfill (see 1.1)
- concrete base: Concrete strips of width $K3 = \text{track width "K"} + 13 \text{ cm}$
Concrete slab (this solution is recommended – no strip measurement required)
- length of the base = length "E" + "R" + 10 cm on every side
- must be used a min. concrete mix type C16/20 S2 (S3)
- concrete strips min. thickness of 30 cm (we recommend carrying out the strip to a non-freezing depth of 60 cm), concrete slab min. thickness of 15-20 cm
- reinforced Kari meshing (100 x 100 x 6 mm) or wire (\varnothing 6 mm) – locally reinforced at 1/3 of the height of the slab
- **the base must be clean, smooth, horizontal (flatness under rails +/- 2 mm/2 m)**

1.3 Final surface

- must be firmly attached to the concrete base (foundation)
- paving is the most suitable variant of final surface - must be firmly attached to the concrete base (it must not be loose sand or gravel)
- other suitable final surfaces are all solid materials designed for this purpose which are firmly attached to the concrete base (E.g. stone carpet)
- plank decking is not entirely suitable for this type of enclosure (risk of non-functional travel of the wheel in the case of wider plank spacing (max. gap between the planks being 0.5 cm). Plank decking requires special anchoring by locking in the ground (with washers)

Note

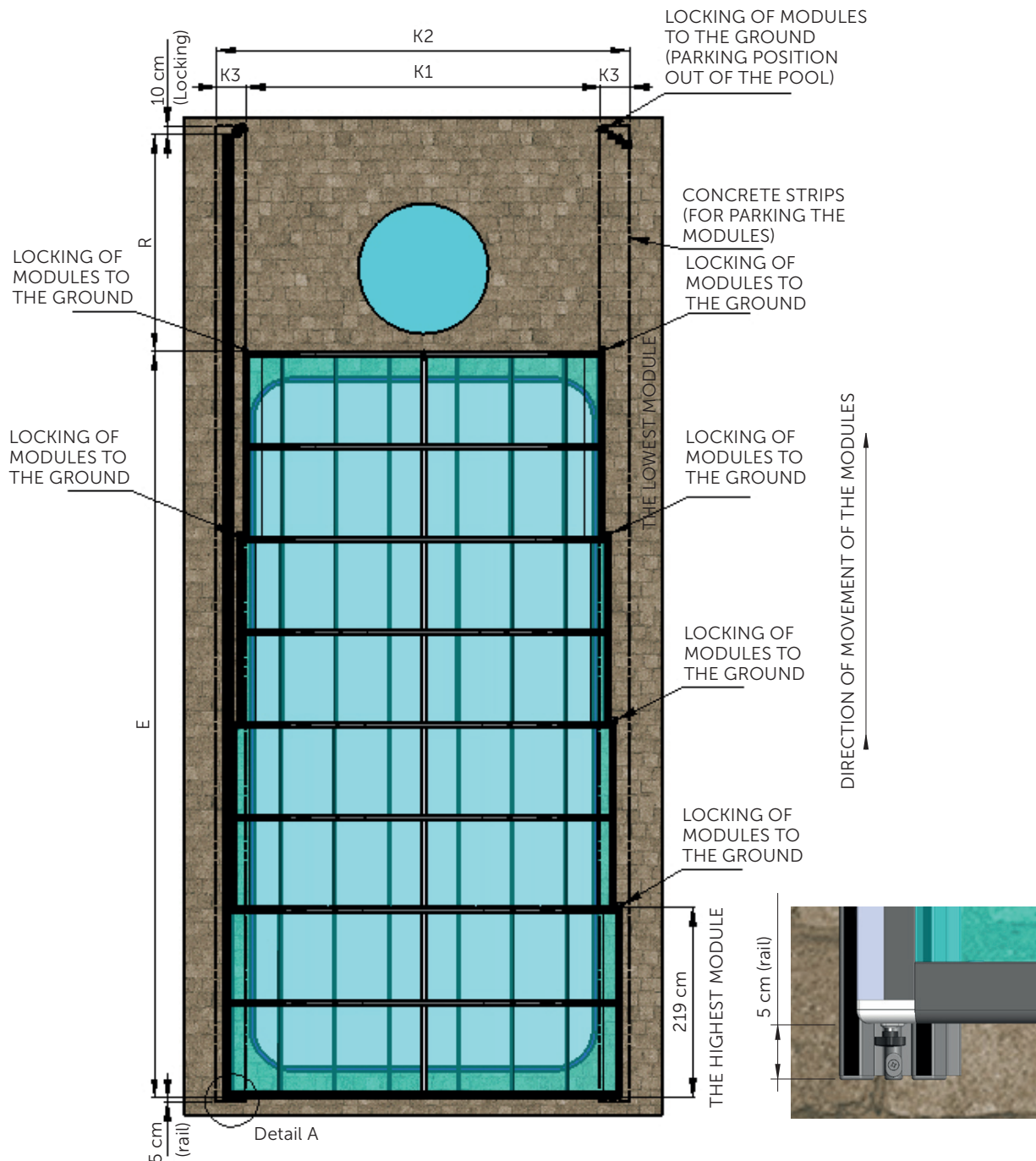
- It is recommended to extend the tracks for easy parking of this type of enclosure out of the pool. The recommended minimum extension length is 250 cm.
 - We always recommend placing the rail extension for parking of the enclosure (track extension R) behind the lowest module.
- If the parking position is in front of the highest module, the handling of the modules is significantly impaired and it is NOT possible to install the MOOVER electric drive unit.



2.

Technical plan

FLOOR PLAN - VARIANT „KL” (RAIL LEFT)

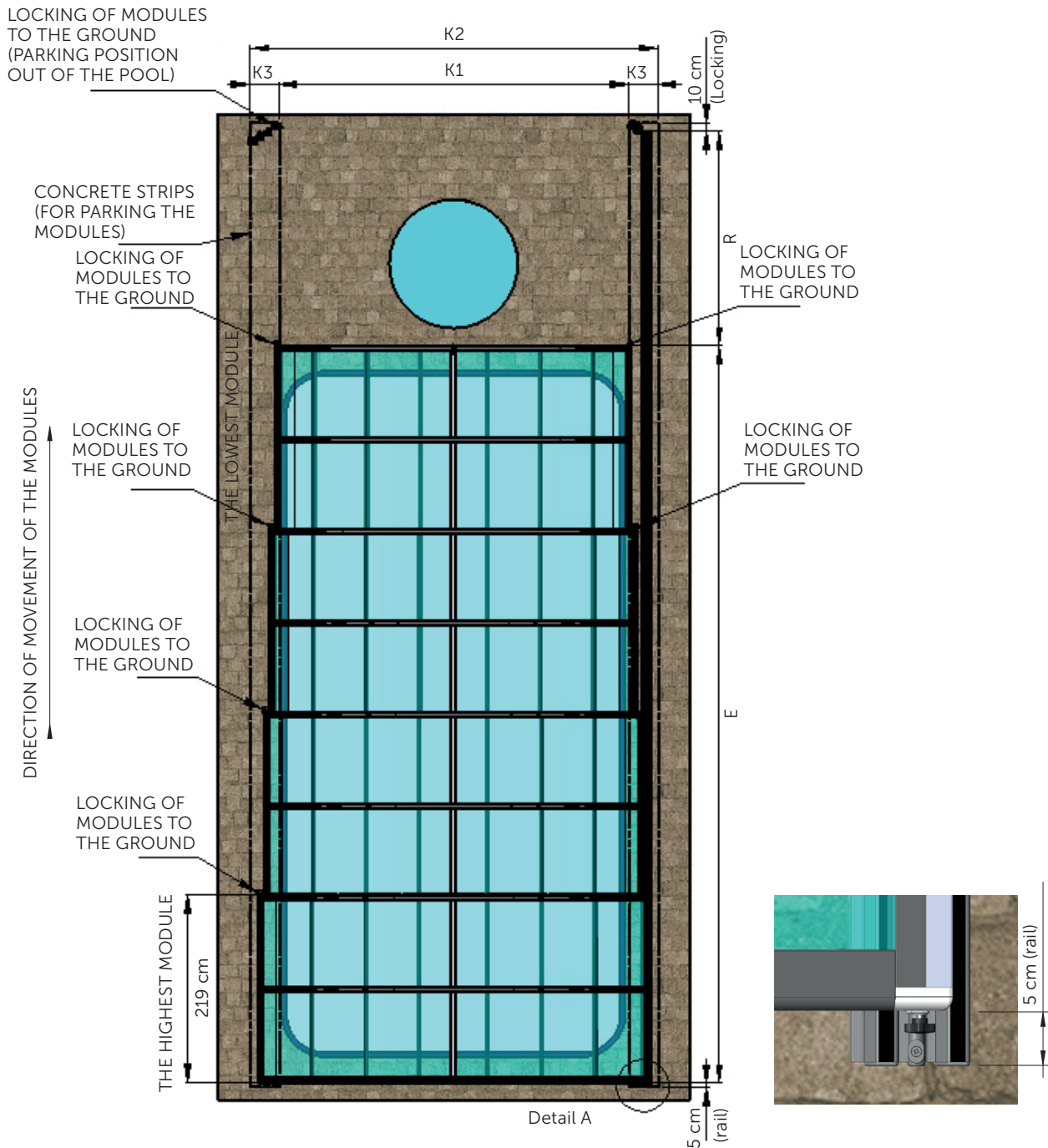


KEY:

- A - rail spacing for the smallest modules
- B - rail spacing for the biggest modules
- E - total length of enclosure area
- R - extension of the rail behind the enclosed area

- K1 - inner spacing of the concrete strip
- K2 - outer spacing of the concrete strip
- K3 - width of the concrete strip

FLOOR PLAN - VARIANT „KP” (RAIL RIGHT)



KEY:

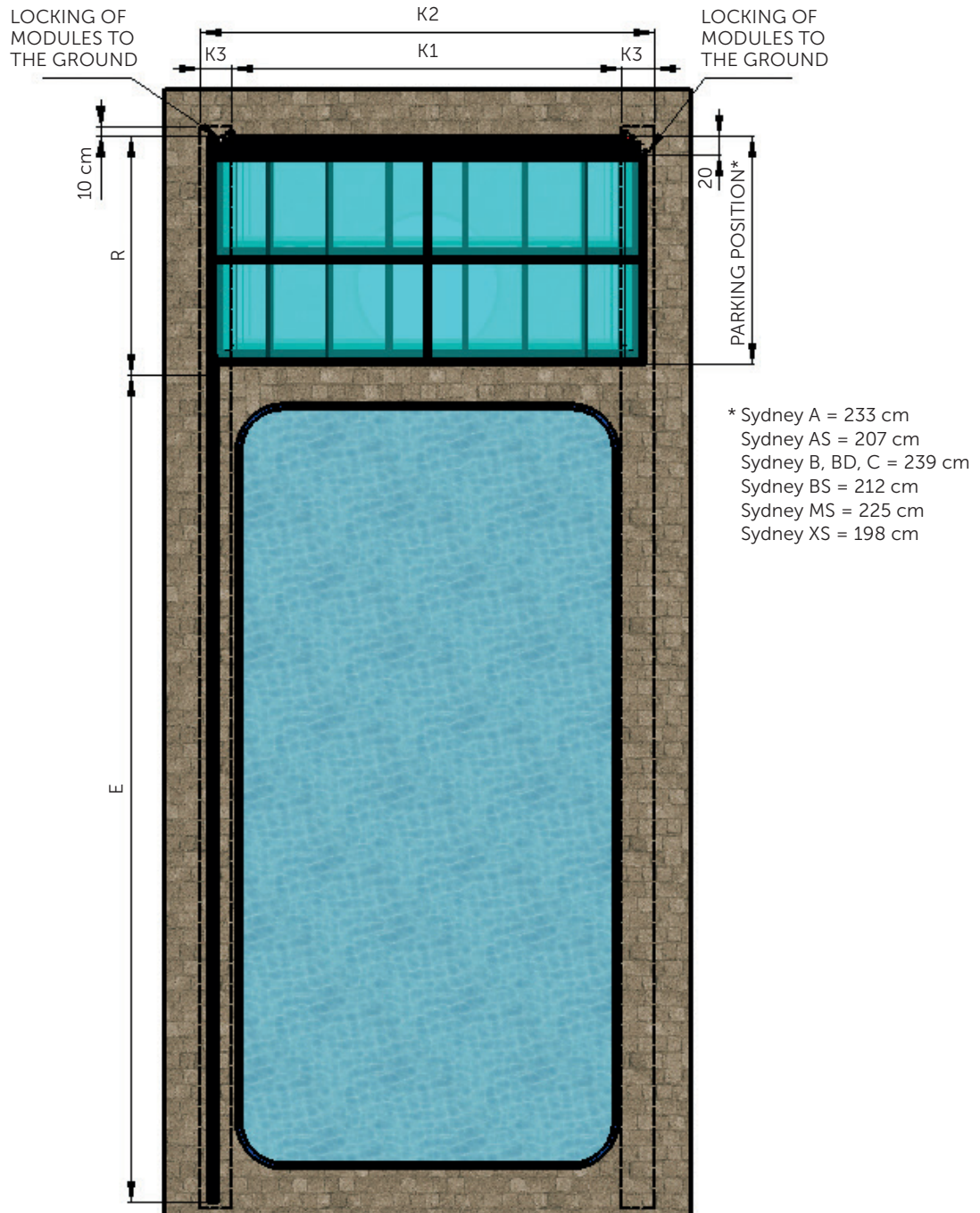
- A** - rail spacing for the smallest modules
- B** - rail spacing for the biggest modules
- E** - total length of enclosure area
- R** - extension of the rail behind the enclosed area

- K1** - inner spacing of the concrete strip
- K2** - outer spacing of the concrete strip
- K3** - width of the concrete strip

2.

Technical plan

FLOOR PLAN - PARKING POSITION (OUT OF THE POOL)



KEY:

- A** - rail spacing for the smallest modules
- B** - rail spacing for the biggest modules
- E** - total length of enclosure area
- R** - extension of the rail behind the enclosed area

- K1** - inner spacing of the concrete strip
- K2** - outer spacing of the concrete strip
- K3** - width of the concrete strip

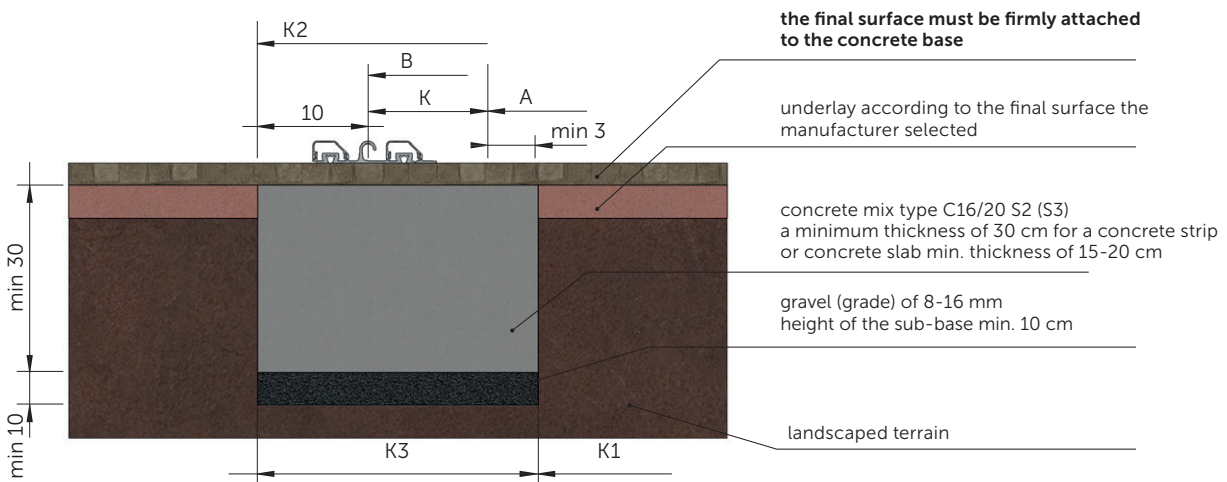
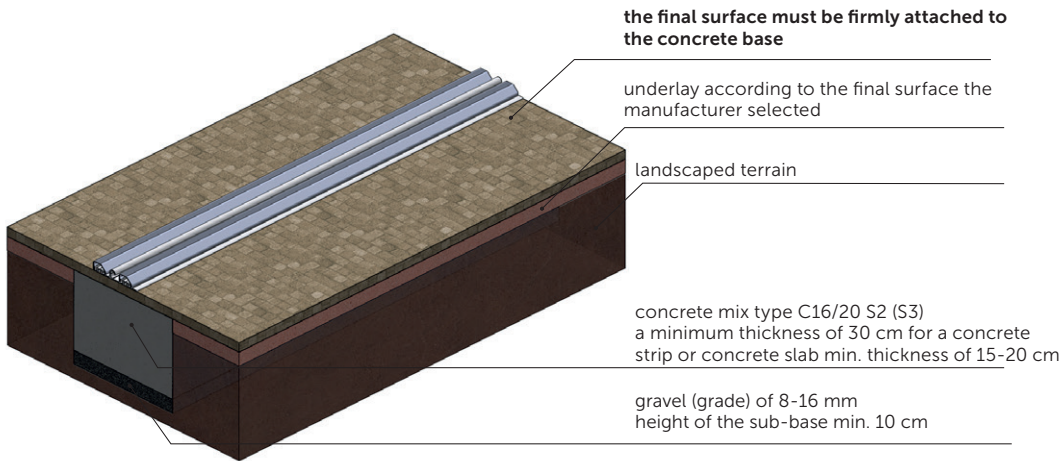
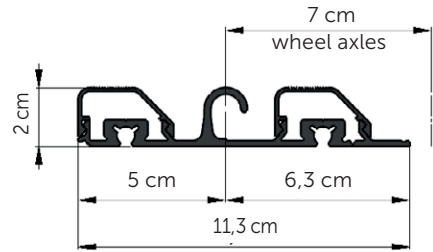
Sub-base – for RAIL AIR

3.

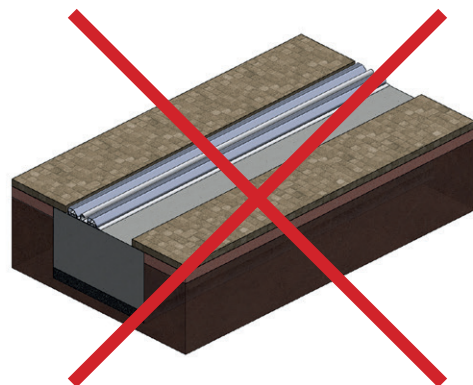
ALL DIMENSIONS ARE GIVEN IN CENTIMETRES

3.1 Rail on the final foundation (paving)

K3 = min 27 cm (applies to enclosures Sydney A)
 K3 = min 34 cm (applies to enclosures Sydney B/Sydney BS/Sydney C)



3.2 Embedding rails is NOT POSSIBLE



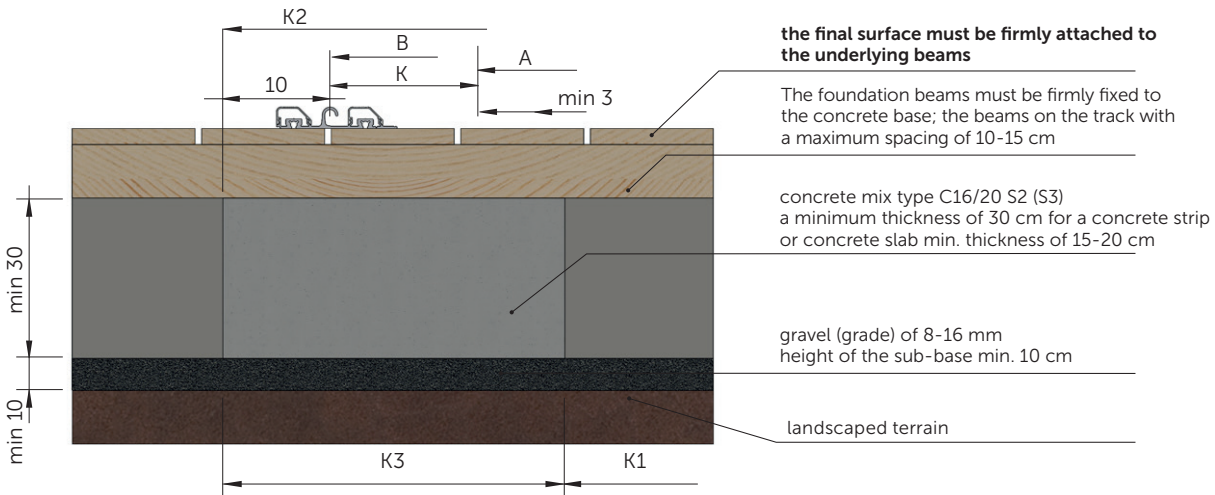
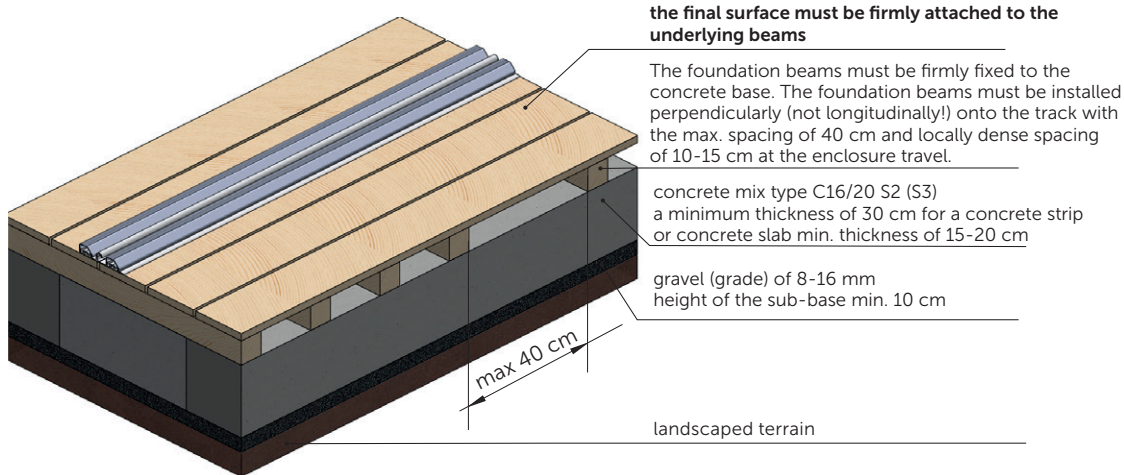
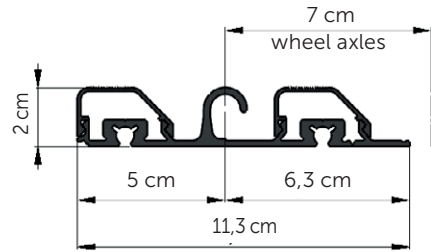
3.

Sub-base – for rail air

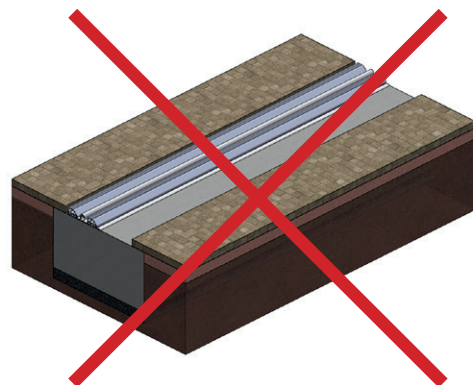
ALL DIMENSIONS ARE GIVEN IN CENTIMETRES

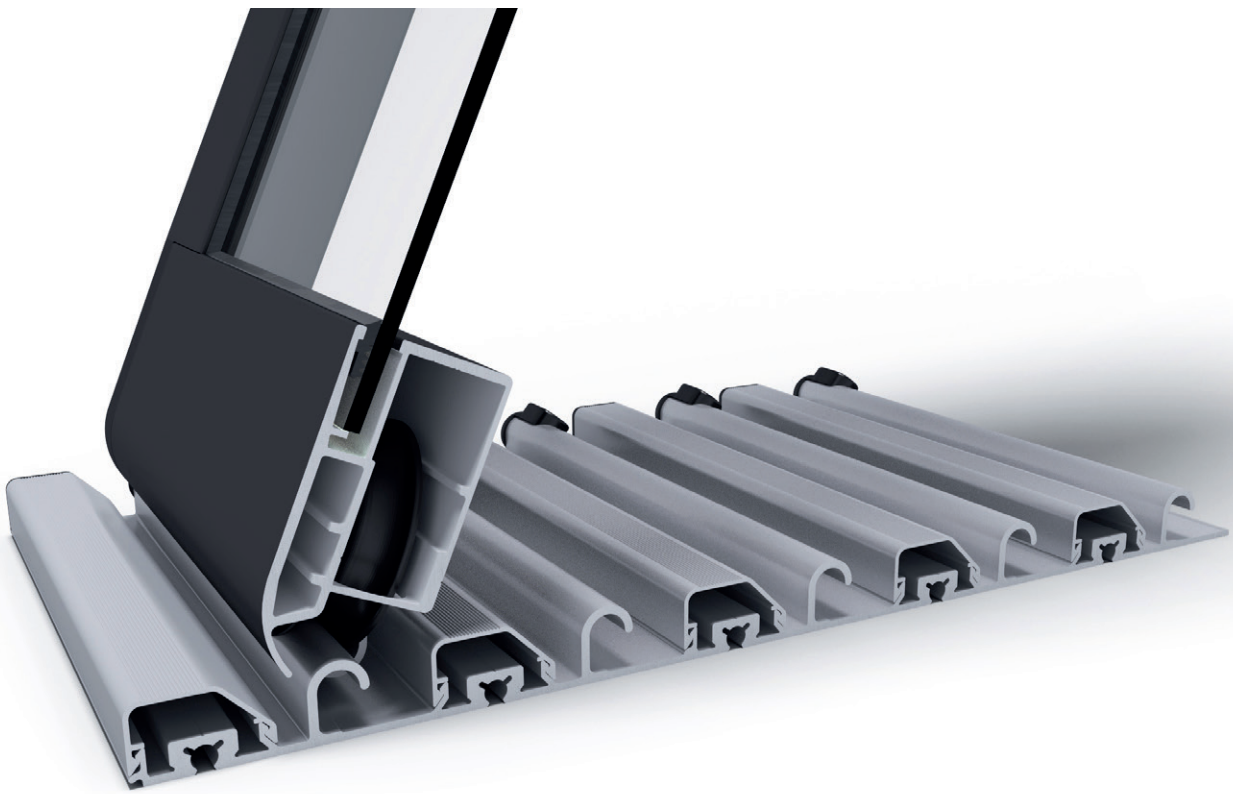
3.3 Rail on the final foundation (board)

K3 = min 27 cm (applies to enclosures Sydney A)
 K3 = min 34 cm (applies to enclosures Sydney B/Sydney BS/Sydney C)



3.4 Embedding rails is NOT POSSIBLE





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