



R60  
Grandes roues de Prestige  
*Prestigious Big Wheels*





### **Main construction :**

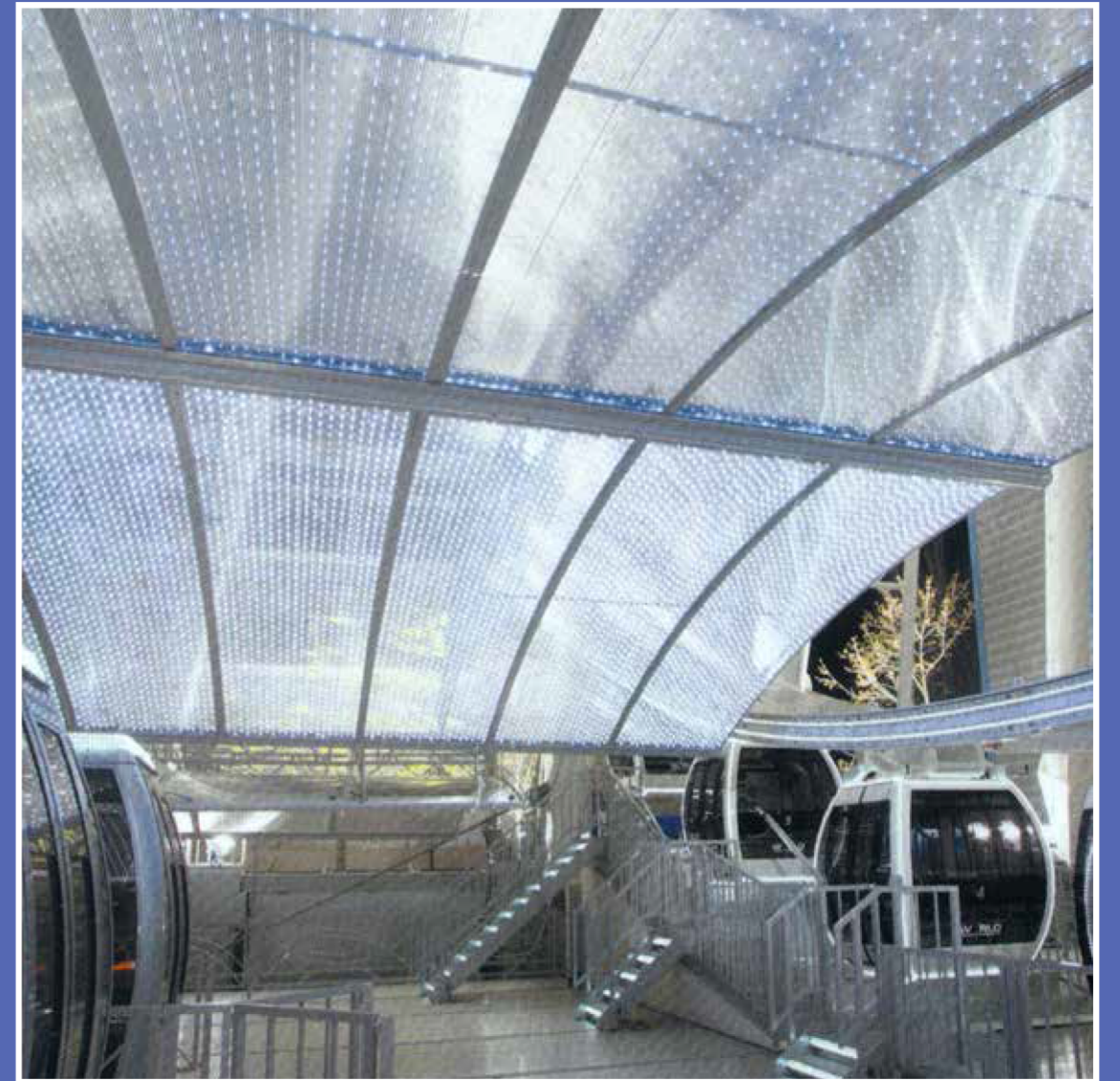
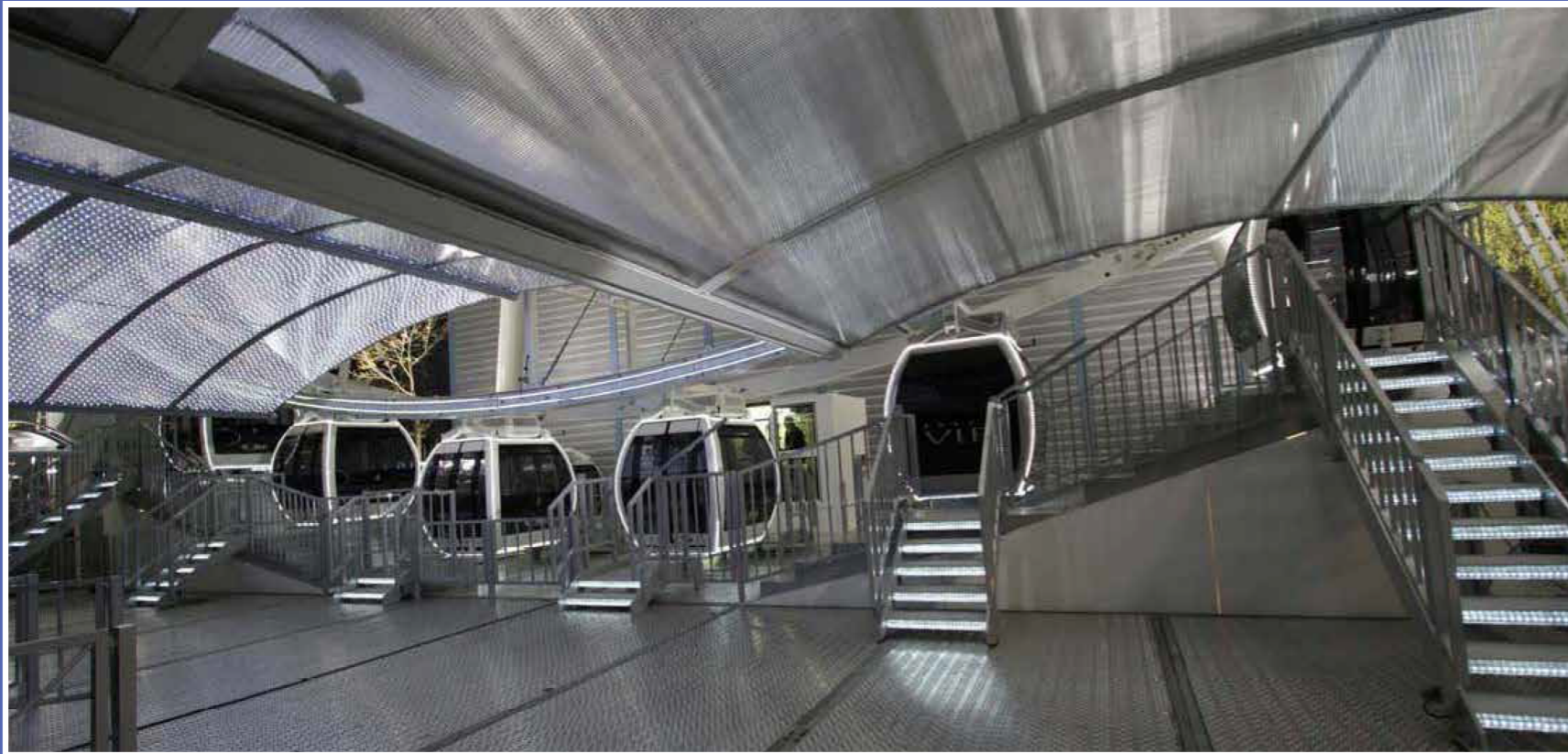
The construction consisting out of eight (8) supporting masts, which are made out of round tubes, will support on a full size frame. These masts are put together in a so-called A-frame in opposite of each other. The space between the A-frame at ground level is the width of the Wheel, and the prescribed free space. The prescribed free space will be determined on the basis of safety calculations. The A-frame will be connected to the main axle of the Wheel at the highest point of the A-frame.



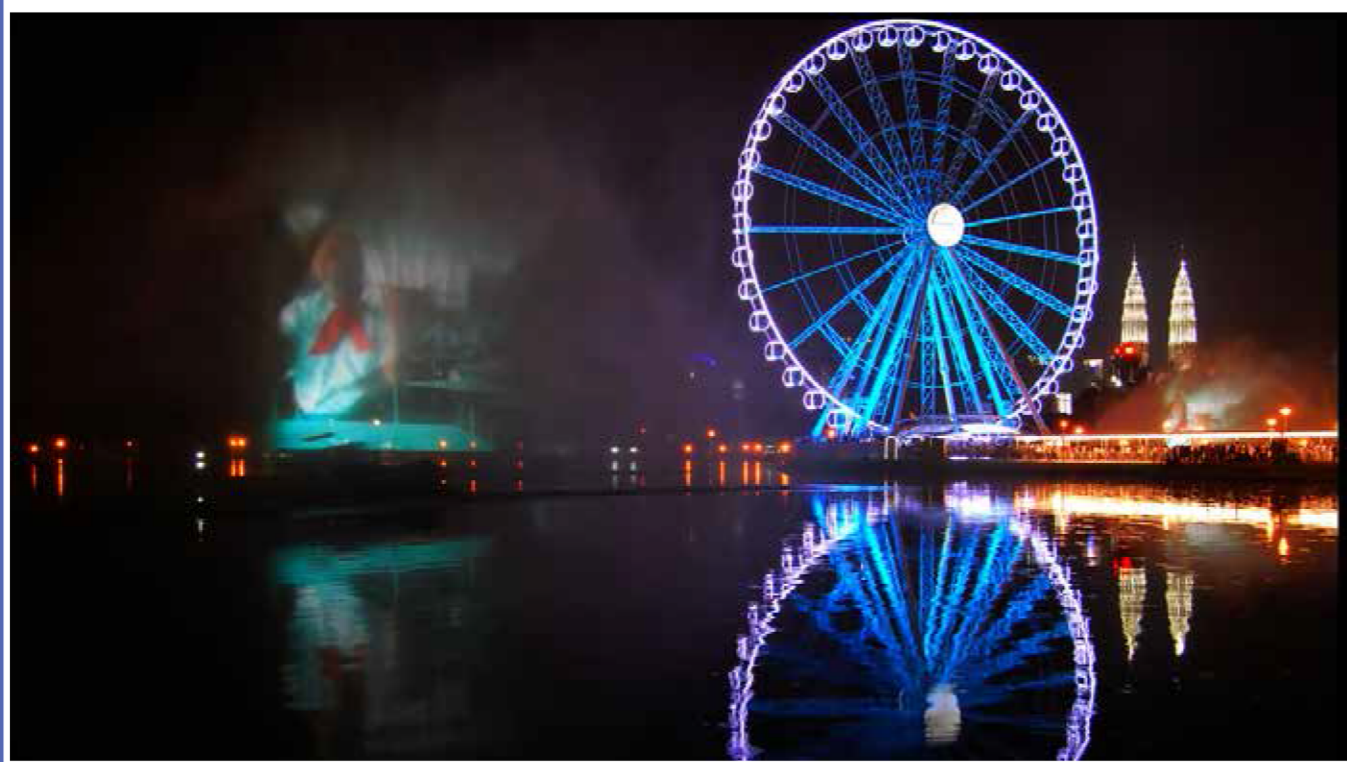
# Gondola

- The wheel has 42 fixed closed gondolas with a capacity of 6 persons each.
- Each gondola has a mechanical automatic open/closing system for the doors.
- The steel frame of the gondola is painted in a 3-layer system.
- The seats are made out of fibreglass in a non-metallic RAL colour.
- The gondola roof is made out of fibreglass in a non-metallic RAL colour.
- The decoration (including theme) on the bottom and side parts of the gondola is made out of Perspex (= screen plates).
- The windows of the upper part can be decorated with coloured stickers and are made out of lexan. Windows can be illuminated from inside (= optional, as described in point A.A.)

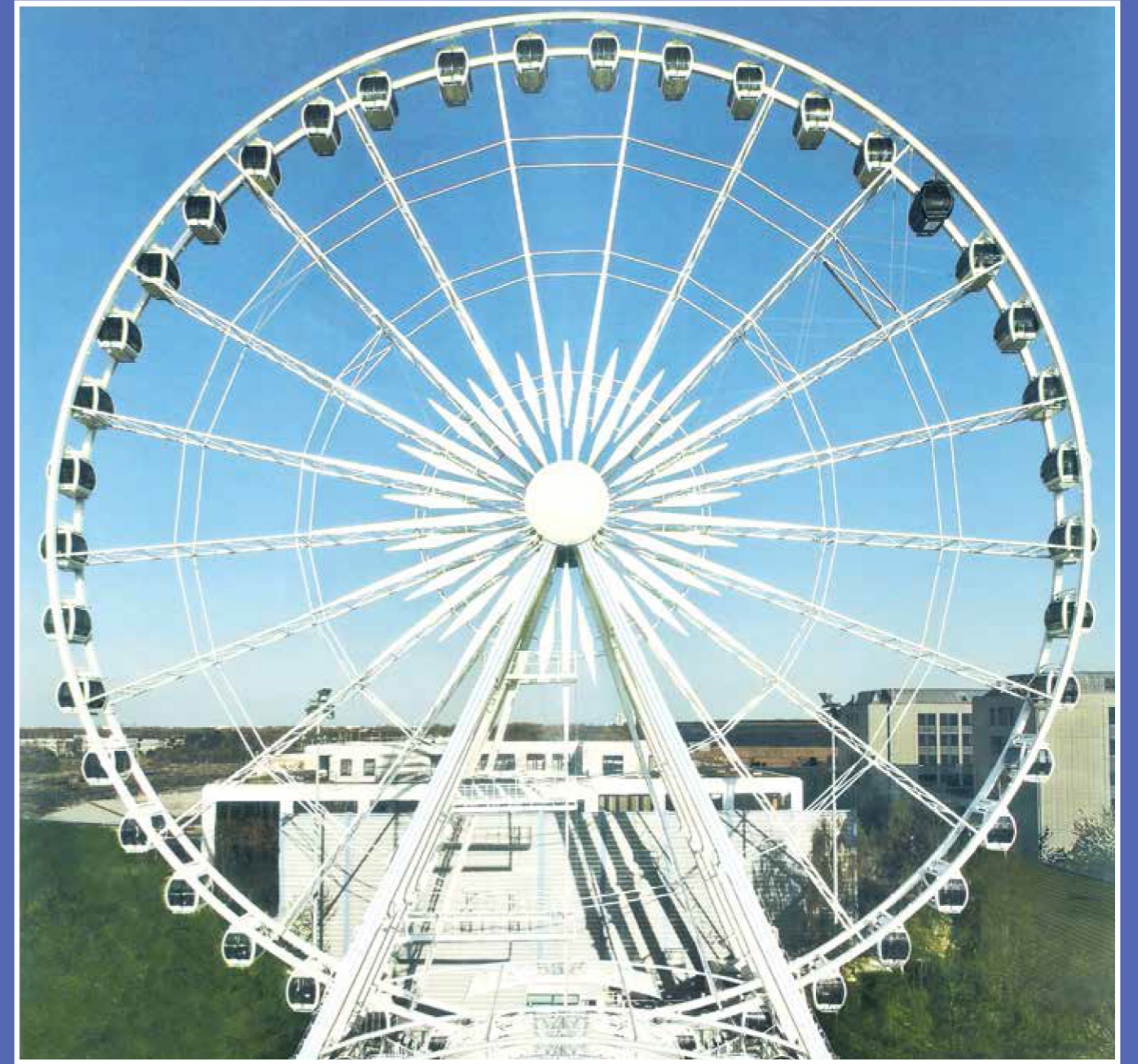




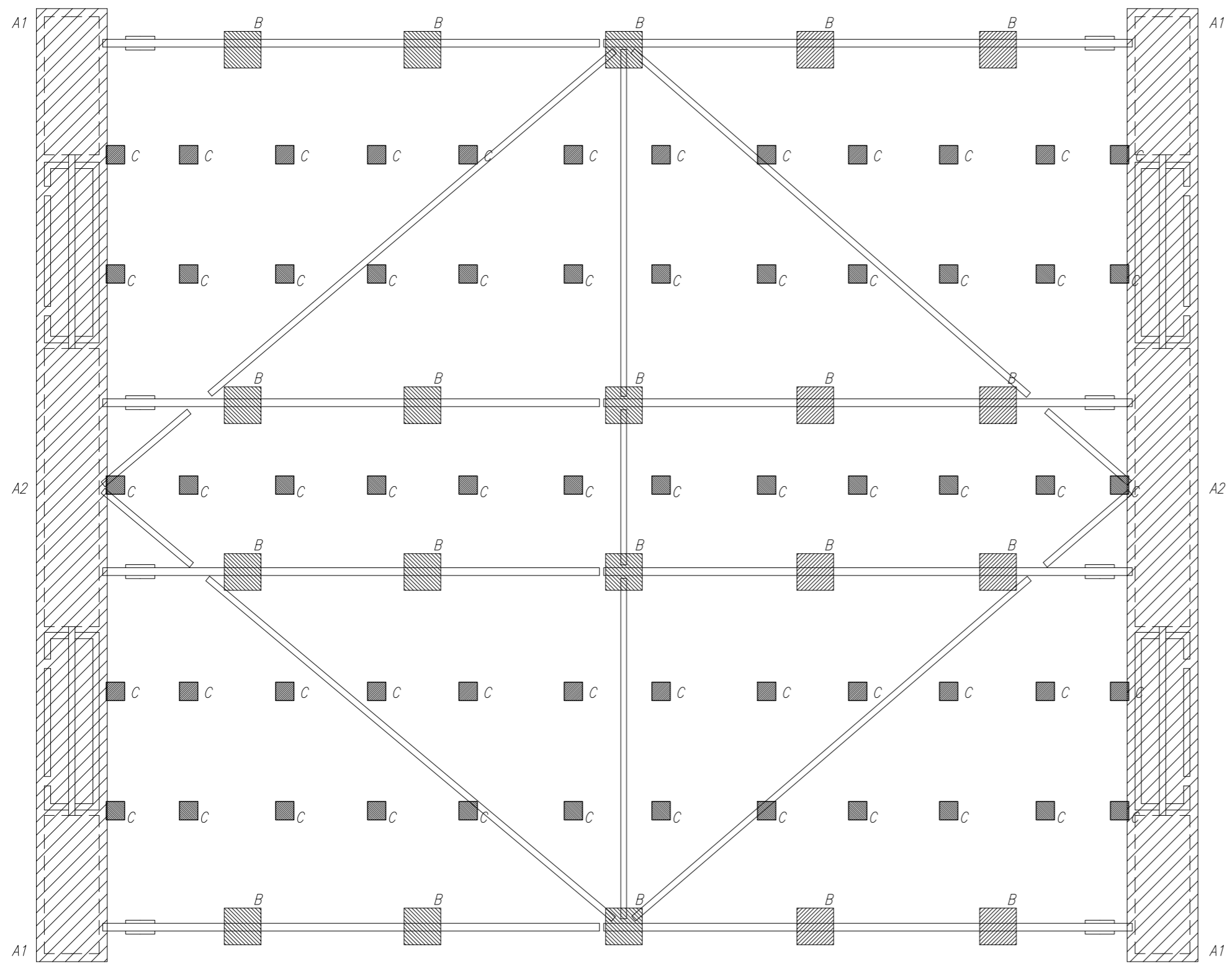
# Impression

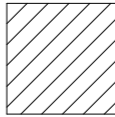












-  A= 1500 x 1500 mm
-  B= 600 x 600 mm
-  C= 500 x 500 mm

| PRESSURE (kN) | OWN WEIGHT + LIVE LOAD | OWN WEIGHT + MAX. WIND |
|---------------|------------------------|------------------------|
| A1            | 1000 kN                | 1240 kN                |
| A2            | 1325 kN                | 1950 kN                |
| B             | 70 kN                  |                        |
| C             | 50 kN                  |                        |

Ground pressure:  
according DIN 4112 pt. 6.3  
 $\sigma = 200 \text{ kN/m}^2$

Dimensions are in meters.

US Printing nach SEL 072klasse 3  
Nicht-SEL 096 Güteklasse  
3.1.B Altlast nach DIN 50049

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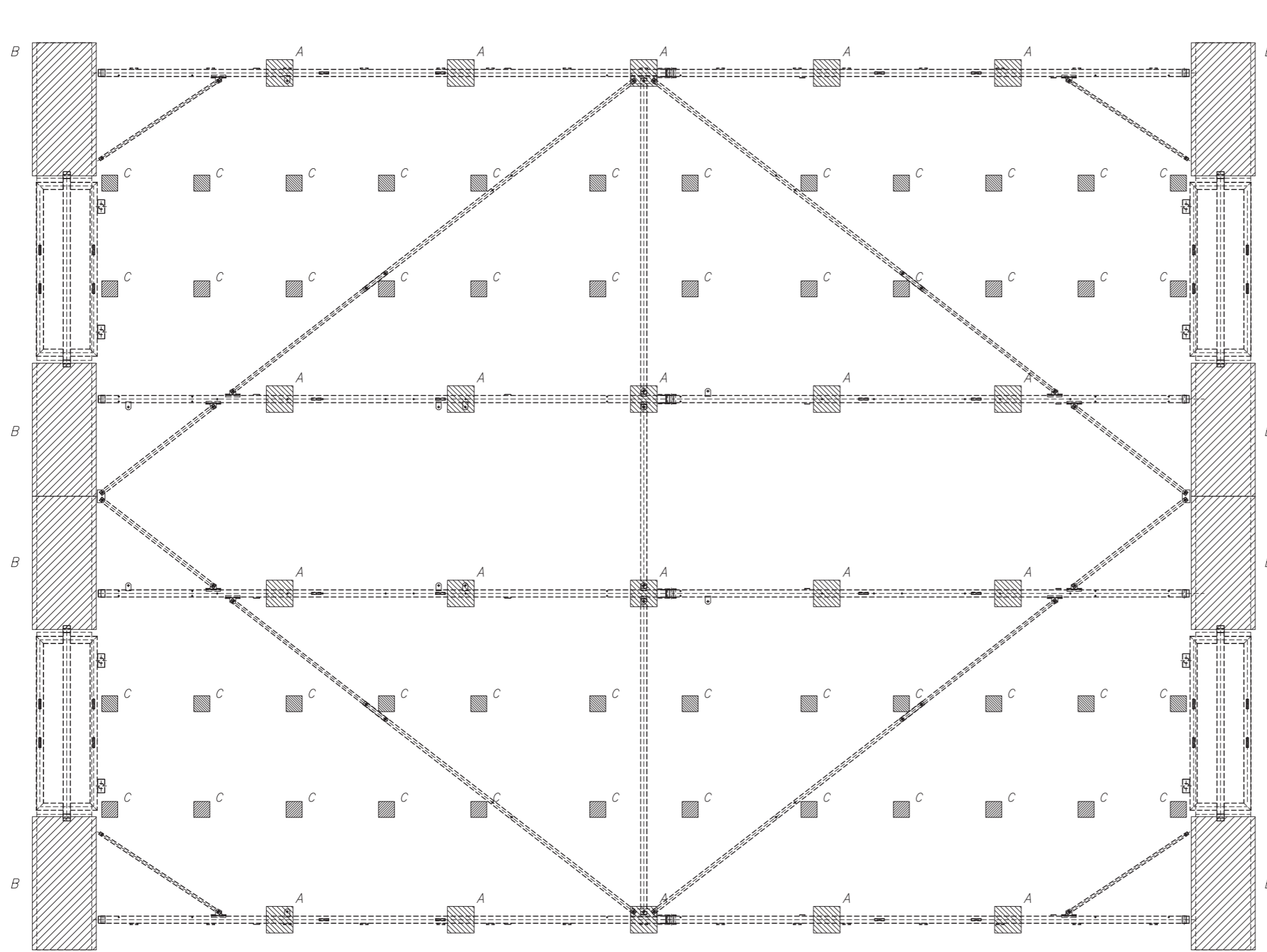
| State | Rev. | Draw. | Date | Description of revision | Design | Checked | Project |
|-------|------|-------|------|-------------------------|--------|---------|---------|
|       |      |       |      |                         |        |         |         |

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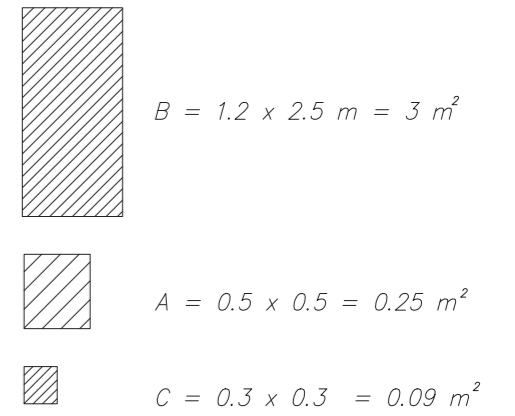
Project: Giant Wheel type R60-SP  
Client: -  
Site: BASE FRAME SUPPORT

**RONALD BUSSINK**  
PROFESSIONAL ENGINEER

| Formel | Proj. Method | Scale | Project No. | Date     | Sheet No. | Rev. |
|--------|--------------|-------|-------------|----------|-----------|------|
| A1     | -            | -     | -           | 28-01-04 | BB02      | 0    |

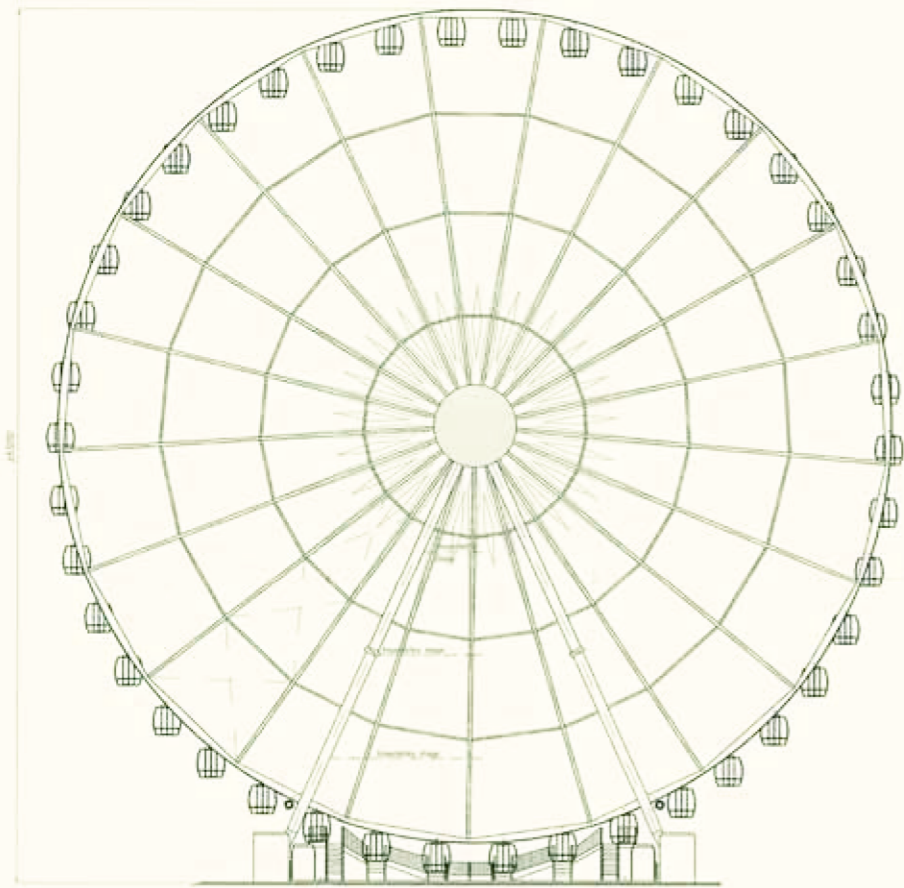


ENTRANCE SITE

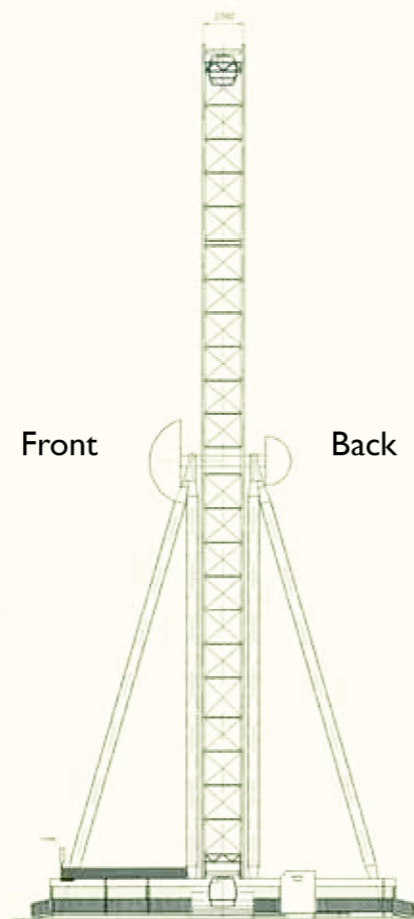


| Support          | Load (kN) | Own Weight + Live Load | Own Weight + Wind Perpendicular | Own Weight + Wind Parallel |
|------------------|-----------|------------------------|---------------------------------|----------------------------|
| Base Corners     | B1        | 80                     | 500                             | -                          |
| Base Middle      | B2        | 290                    | -                               | 420                        |
| Base Frame Beams | A         | 70                     |                                 |                            |
| Floors           | C         | 25                     |                                 |                            |

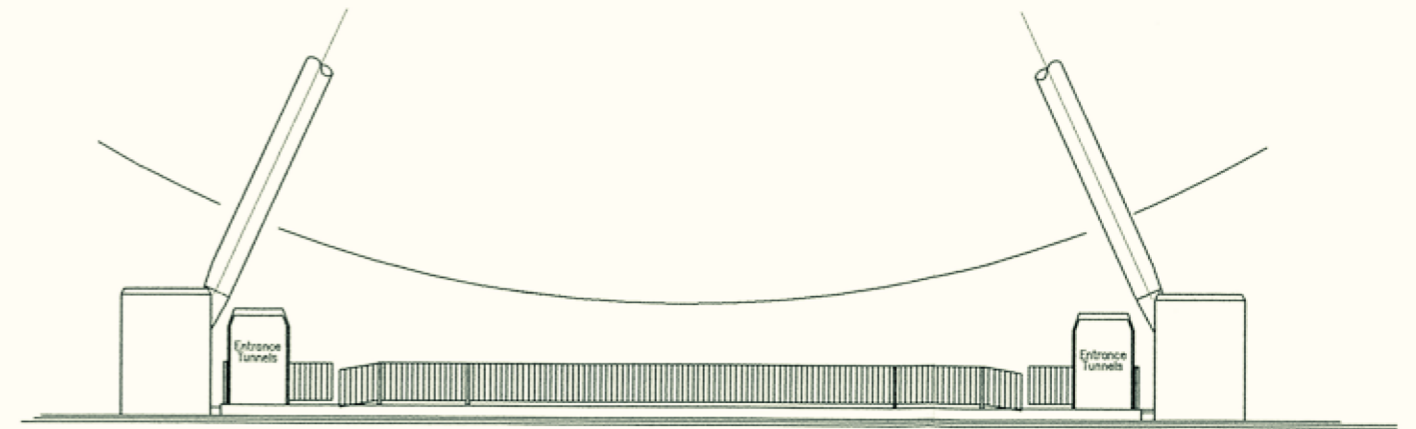
FLOOR PRESSURE  
According DIN 4112 chapter.6.3  $\sigma = 200 \text{ kN/m}^2$



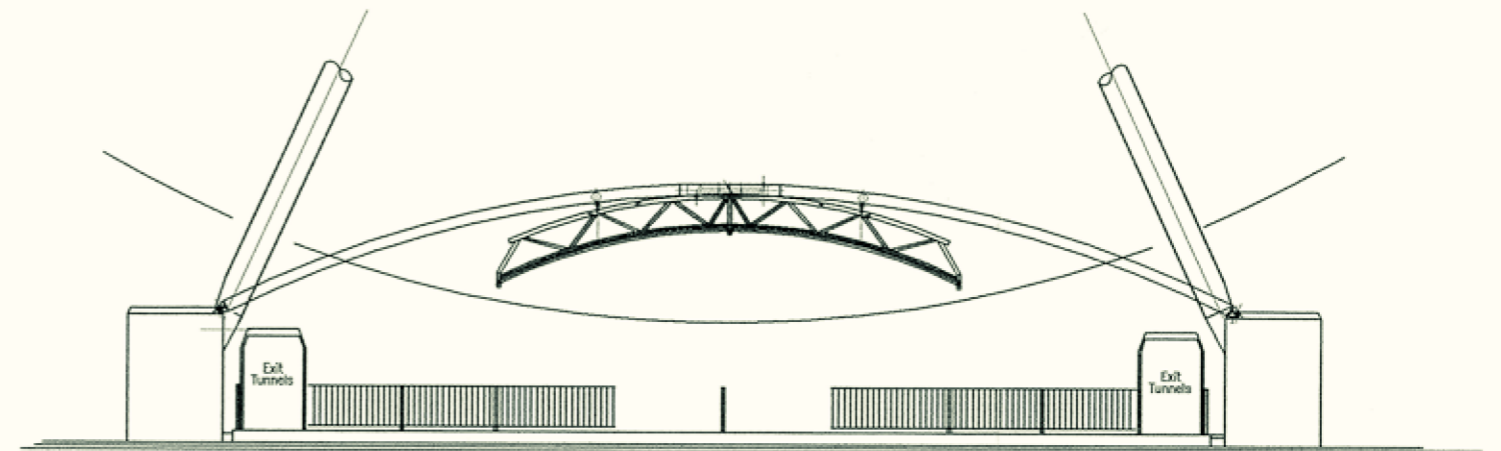
Front view



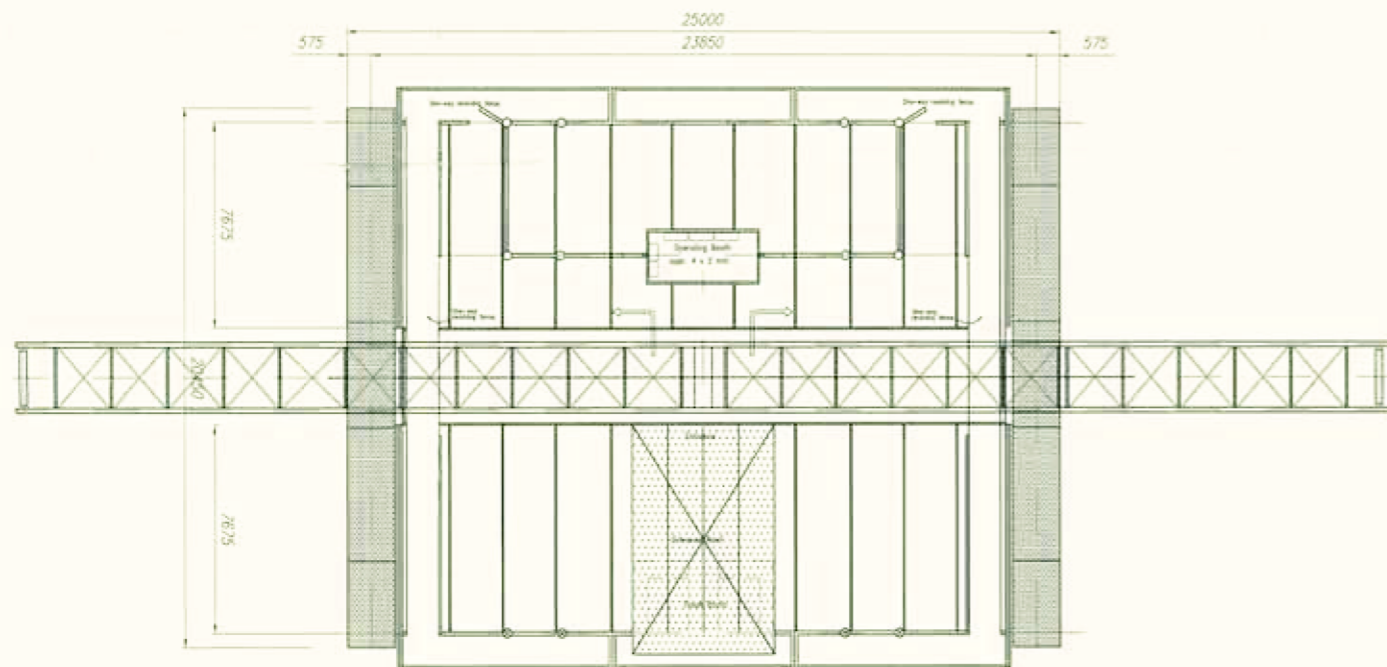
Side view



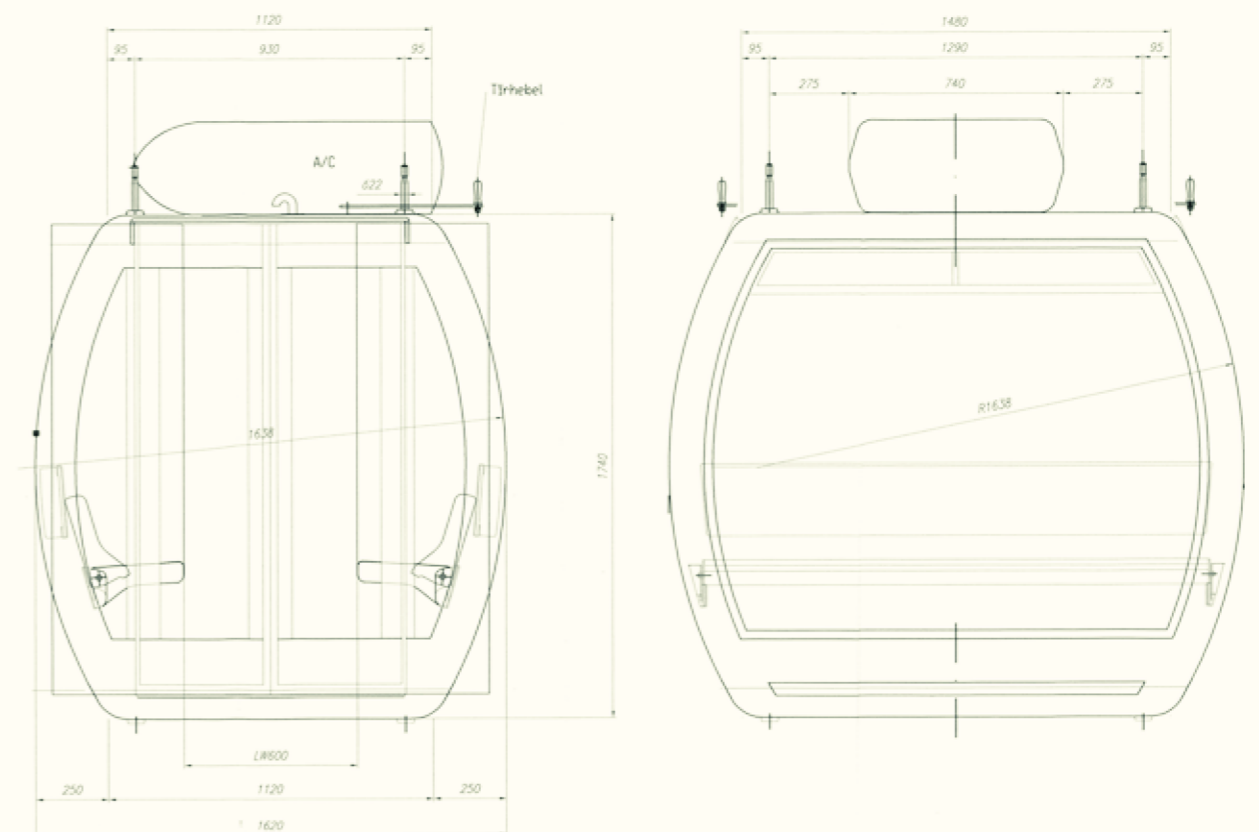
Rear view



Front view ticket side



Top view loading platform



Gondola

