The background of the entire page is a complex architectural drawing of a glass structure, likely a dome or a large atrium. The drawing is rendered in a light blue color on a darker blue background. It shows a dense network of lines representing the structural framework, including a large circular dome on the left and various vertical and horizontal supports. The drawing is highly detailed, showing the intricate connections between different parts of the structure. The overall style is technical and precise, typical of architectural blueprints.

**Detail in
Contemporary
Glass
Architecture**

Virginia McLeod

**Free
CD-ROM
with all
drawings**

Citroën Flagship Showroom
Paris, France

Client
 Citroën

Project Team
 Manuelle Gautrand, Anne Feldman

Structural Engineer
 Khephren

Mechanical Engineer
 ALTO

The new Citroën showroom on the Champs Elysées in Paris features a dramatic glass facade that incorporates the iconic Citroën chevron motif built into the design. The higher up the building one looks, the more three-dimensional the facade becomes with the introduction of prisms that bring new depths to the design. Finally, the top section of the building resembles a great glass sculpture, recalling origami in its complexity. The brand's signature colour red was originally proposed for the entire facade but this was considered to be too bold given the historic context of the Champs Elysées. Instead, a filter that on first sight masks the red colour from the exterior, is cleverly constructed inside the finished glass. The filter also minimizes heat gain and creates a diaphanous pearly white atmosphere inside the building.

The main function of the building is as a car showroom and the shape of the building itself is inspired by the shape of a car. As such, the building does not appear as an object with a front, a roof and a rear, but something that has been sculpted with curves and fluidity, creating unity between the place and the product. The interior features eight circular platforms each of which is a car display area. The six metre (19.5 feet) diameter platforms revolve to display the cars in the round and have mirrored bases to reflect the car below. Visitors are led by a series of staircases and walkways that spiral past the cars, more in the manner of a museum or a cultural building, a space which encourages people to spend time enjoying both the cars and exceptional views of Paris.

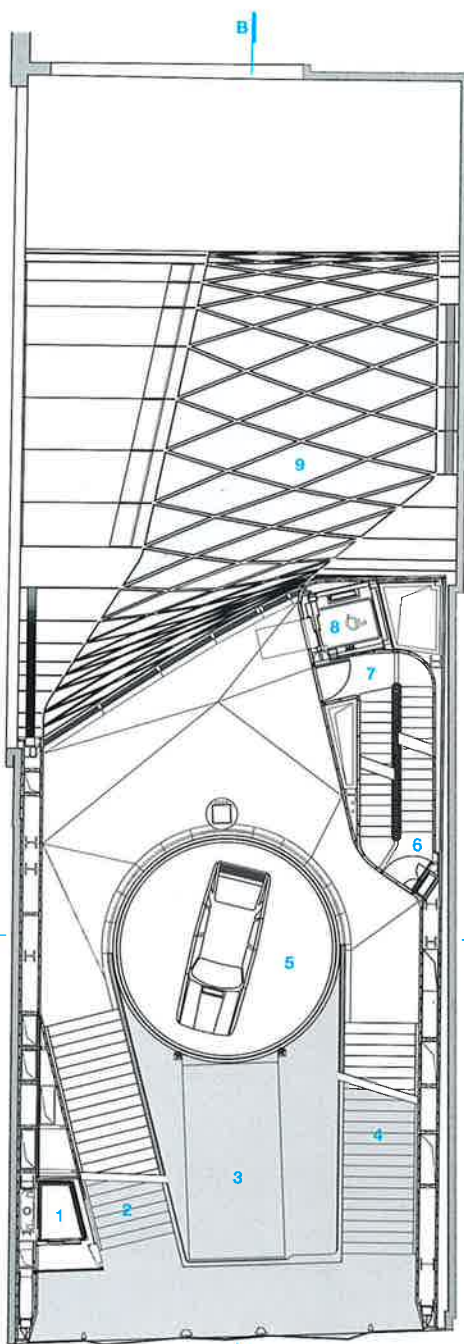
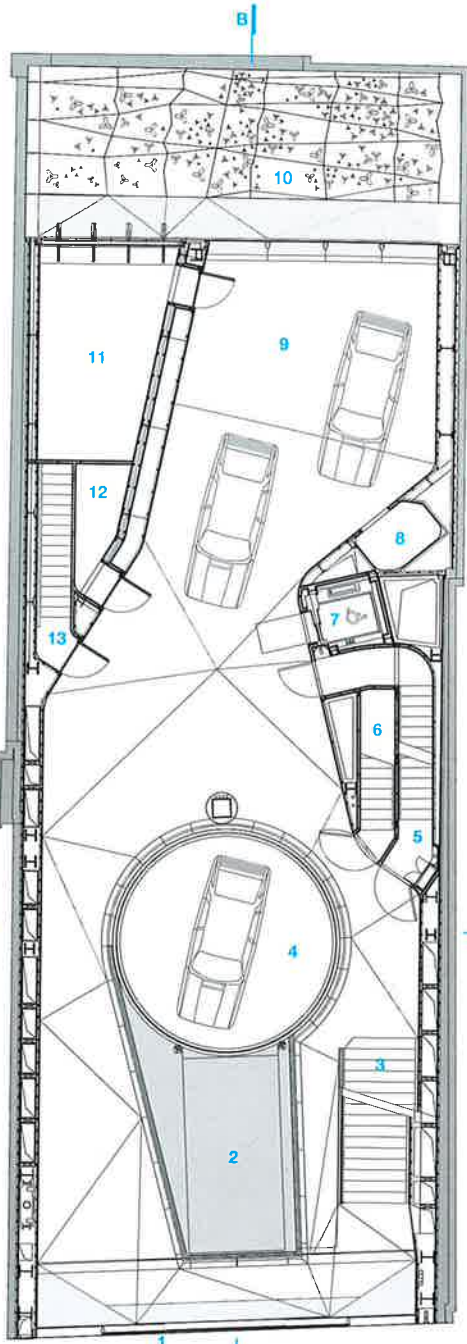


1 By day, the specially filtered glass lends the sculptural facade a dignity that respects its neighbours on the Champs Elysées.
 2 At night, the iconic red Citroën chevron

logo is apparent as the interior lighting overrides the effects of the filters.
 3 Bridges and ramps that travel the height of the building afford breathtaking views

across the city.
 4 Eight revolving platforms with mirrored bases display the cars to great dramatic effect.





- 28.01
Ground Floor Plan
1:200**
- 1 Entrance
 - 2 Landing
 - 3 Stair
 - 4 Revolving display platform
 - 5 Fire escape
 - 6 Fire escape
 - 7 Lift
 - 8 Office
 - 9 Car display area
 - 10 Courtyard
 - 11 Meeting room
 - 12 Security area
 - 13 Fire escape

- 28.02
Second Floor Plan
1:200**
- 1 Lift
 - 2 Stair
 - 3 Lift platform for car display
 - 4 Stair
 - 5 Revolving display platform
 - 6 Fire escape
 - 7 Fire escape
 - 8 Lift
 - 9 Glass roof below

A

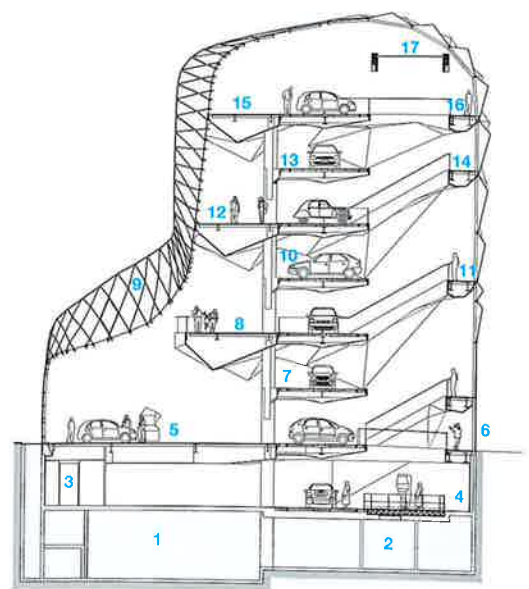
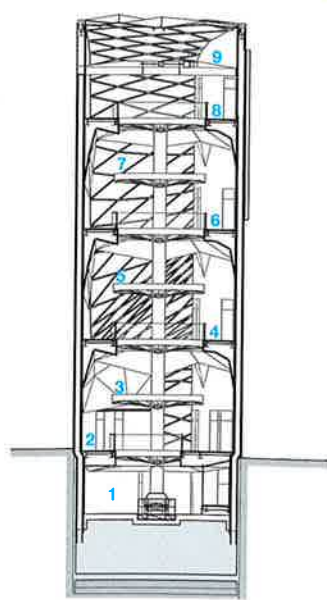
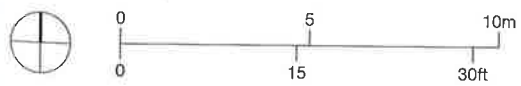
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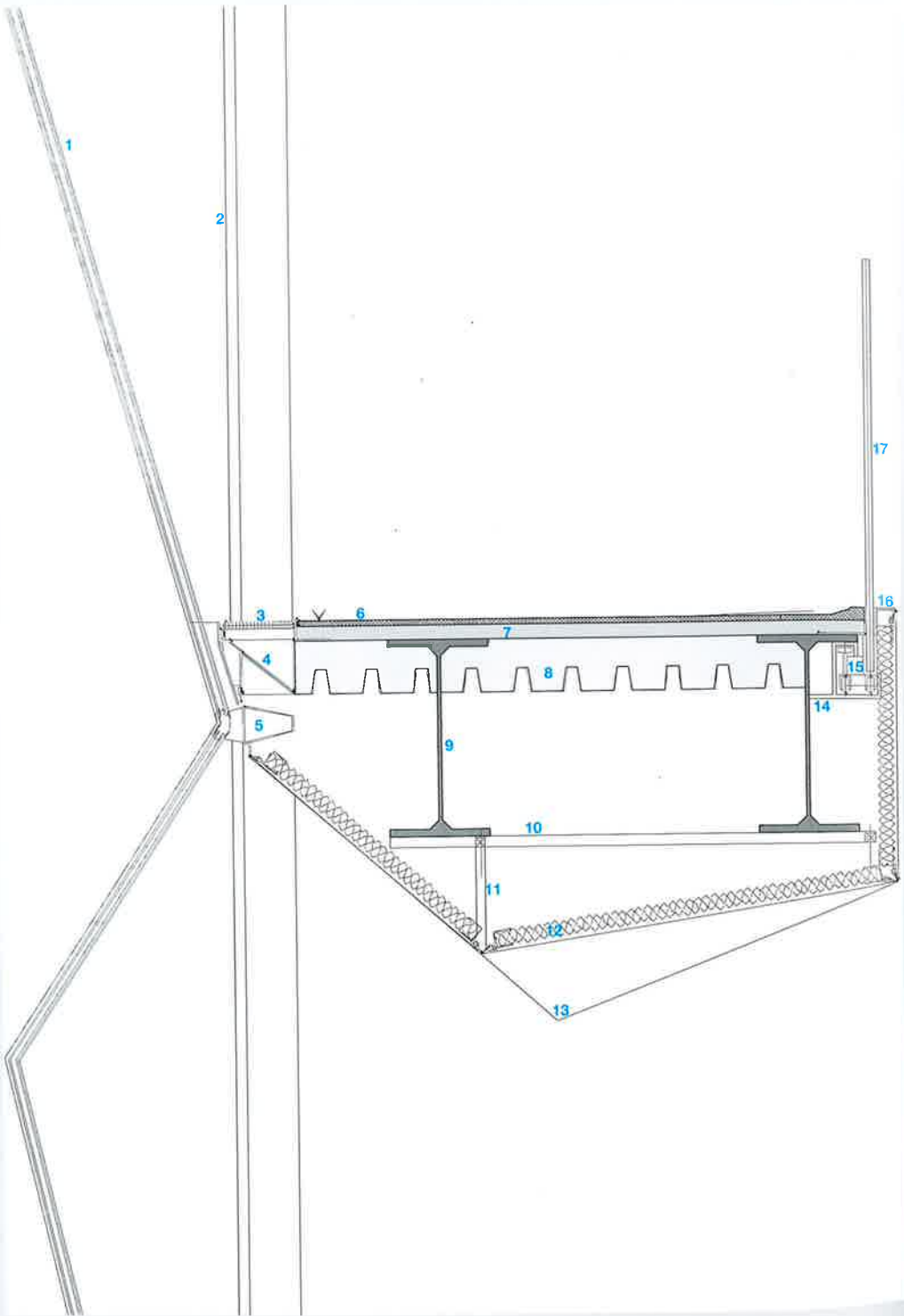
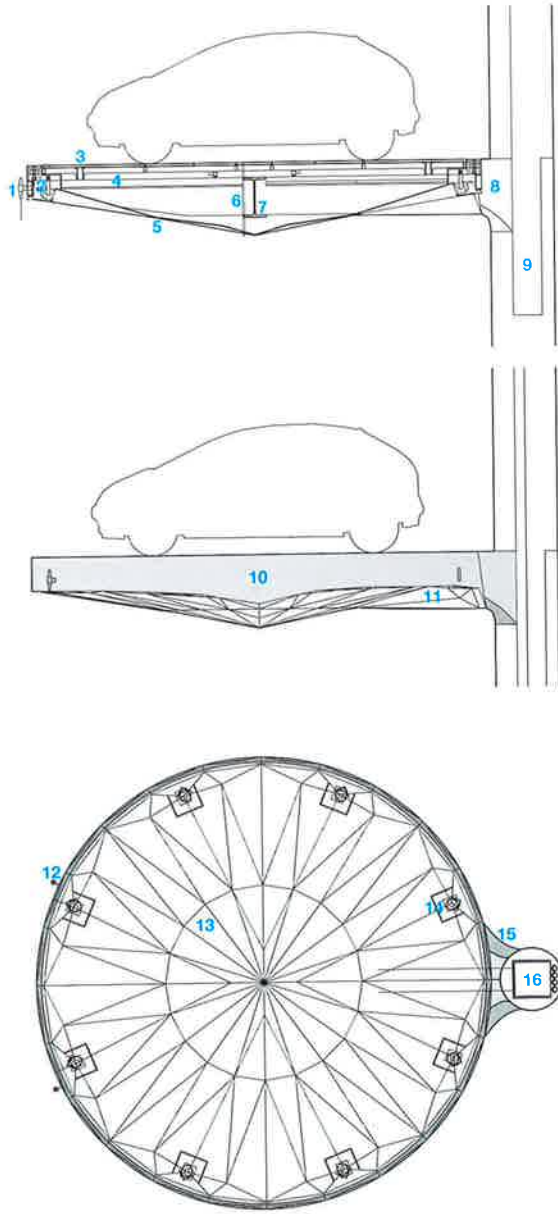
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- 28.03
Section A-A
1:500**
- 1 Basement
 - 2 Ground floor
 - 3 Revolving display platform
 - 4 First floor
 - 5 Revolving display platform
 - 6 Second floor
 - 7 Revolving display platform
 - 8 Third floor
 - 9 Top floor

- 28.04
Section B-B
1:500**
- 1 Technical area
 - 2 Electrical room
 - 3 Staff welcome area
 - 4 Lift platform for car display
 - 5 Car display area
 - 6 Entrance
 - 7 Revolving display platform
 - 8 First floor
 - 9 Glass roof
 - 10 Revolving display platform
 - 11 Walkway and viewing platform
 - 12 Second floor
 - 13 Revolving display platform
 - 14 Walkway and viewing platform
 - 15 Third floor
 - 16 Walkway and viewing platform
 - 17 Beam for basement lift platform





28.05
Revolving Display
Platform Section,
Elevation and Plan
Detail
1:100

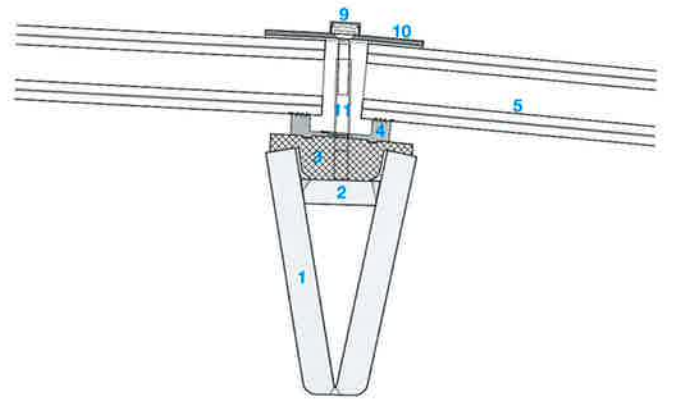
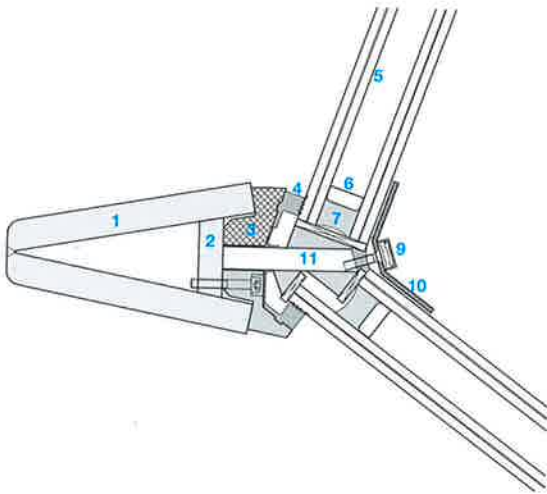
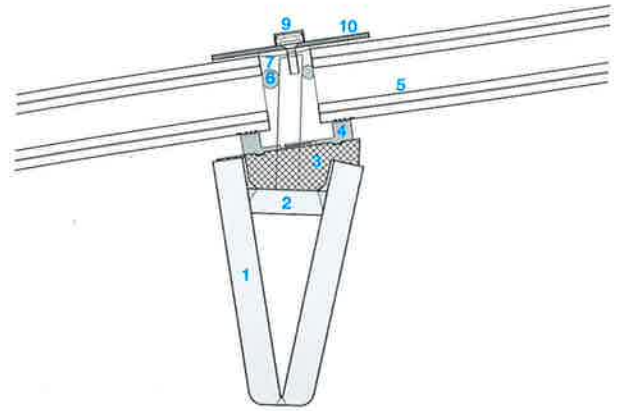
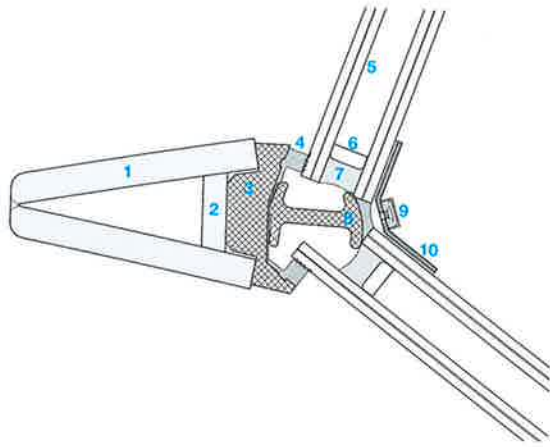
- 1 Guide for lift platform
- 2 Fixing rail
- 3 Resin mortar flooring
- 4 Aluminium structure flooring
- 5 Inox mirror base
- 6 Aluminium structure
- 7 Steel beam
- 8 Resin beam
- 9 Steel pole
- 10 Resin floor
- 11 Inox mirror base
- 12 Guide for basement

- 13 Inox mirror base
- 14 Spotlight
- 15 Steel support frame
- 16 Beam pole junction

28.06
Detail Section
Through Facade and
Mezzanine Walkway
1:20

- 1 Continuous glazed facade
- 2 Mortar structure
- 3 Stainless steel grille to floor edge
- 4 Ceiling edge panel
- 5 Steel frame supporting glazed facade
- 6 Resin floor
- 7 Upper part of aluminium and plastic floor profile system
- 8 Lower part of aluminium and plastic floor profile system

- 9 Steel beam structure
- 10 Aluminium structure
- 11 Aluminium structure
- 12 Acoustic insulation board
- 13 Aluminium structure
- 14 Steel beam structure
- 15 System of bearing and guides for maintenance
- 16 Aluminium and plastic floor profile system
- 17 Laminated glass balustrade



28.07

Typical Glazing
Junction Details

1:5

- 1 Door sill profile
 - 2 Sill profile element
 - 3 Grooved aluminium
- section
- 4 Silicone joint
 - 5 Double glazing
 - 6 Glazing profile
 - 7 Silicone joint
 - 8 Cover strip
 - 9 Glazing profile
 - 10 Glazing profile
 - cover panel
 - 11 Rubber seal