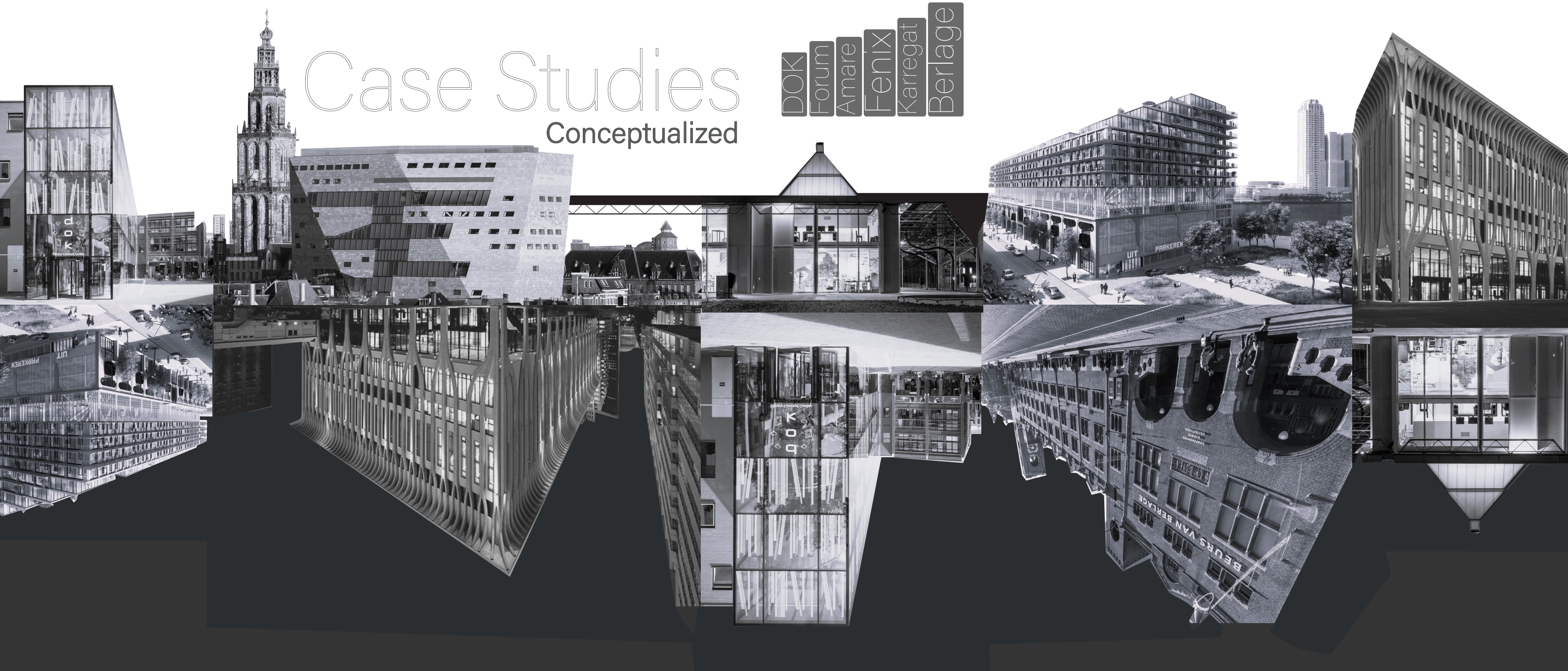


Case Studies

Conceptualized

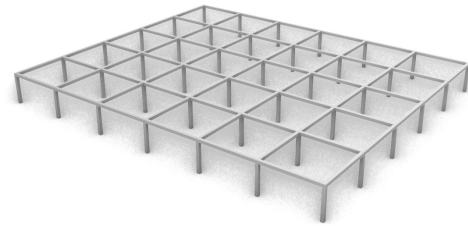
DOK
Forum
Amare
Fenix
Karregat
Berlage



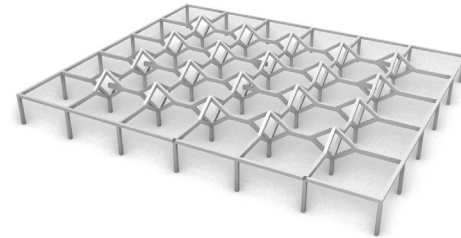
A.R.S. Lachman - 4672259
A.R.S.Lachman@student.tudelft.nl
Delft University of Technology
AR3MET105 A Matter of Scale (2023/24)

Karregat van Klingeren

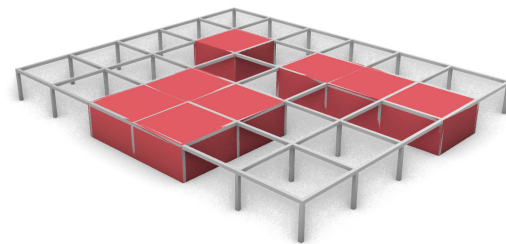
Frank van Klingeren
Community Center Eindhoven



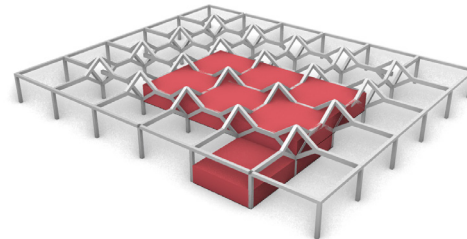
Strong grid



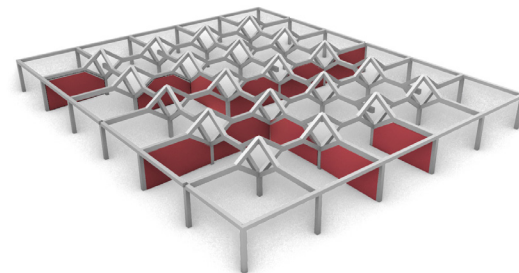
characterized grid +
rood window



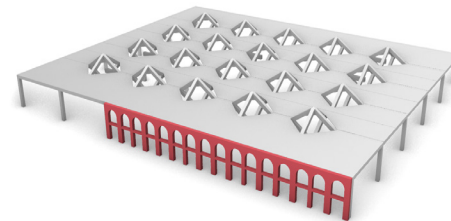
Functions vs circulation area



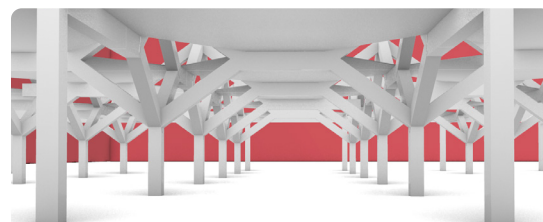
2 level & splitlevel possible



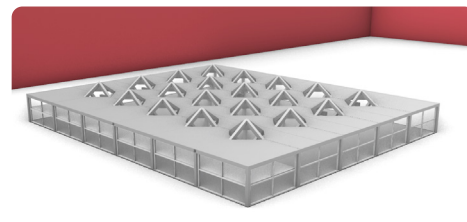
Labyrinth possible



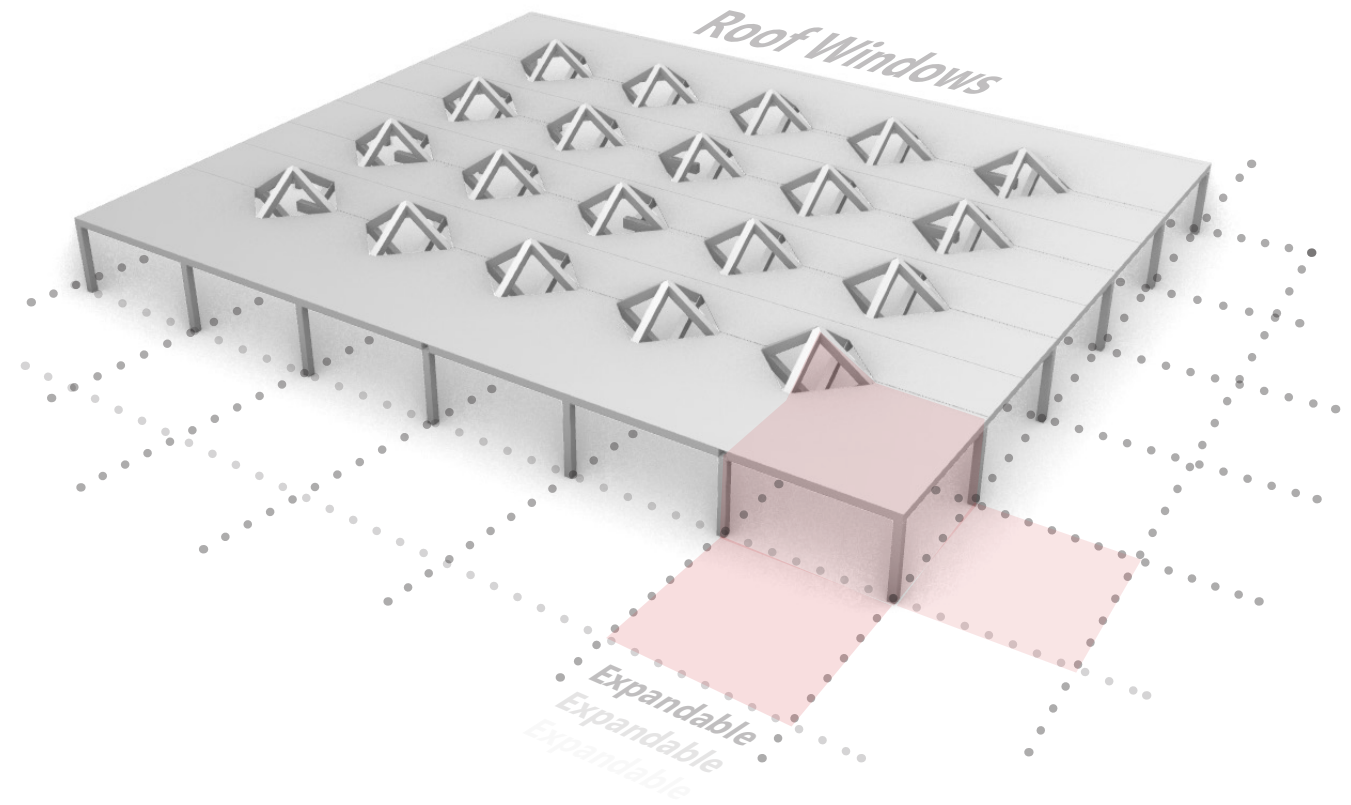
Another Facade possible
Rigid + Versatile



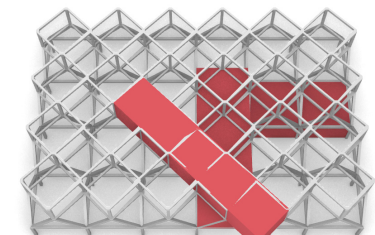
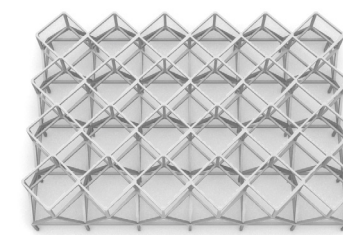
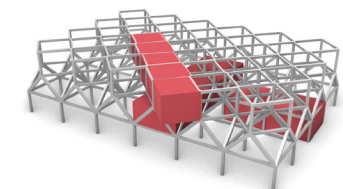
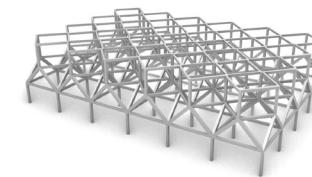
Perspective inside



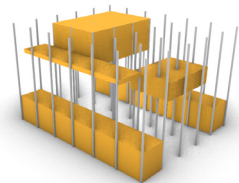
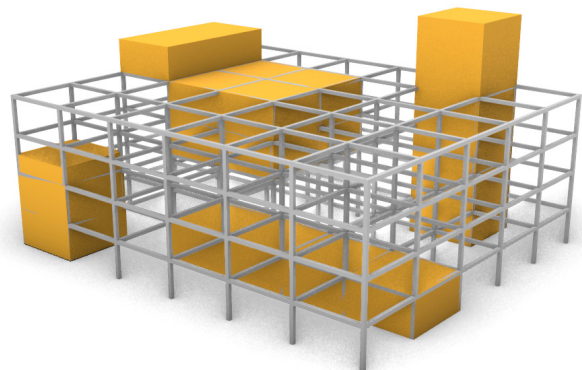
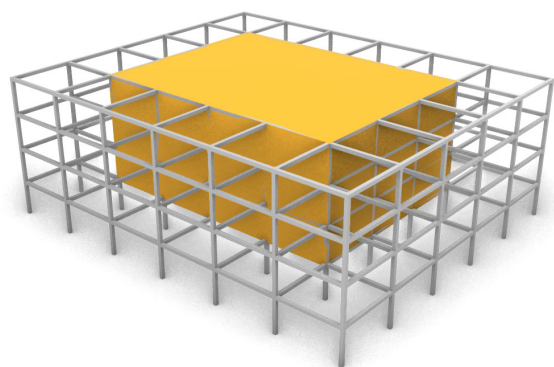
Axonometric



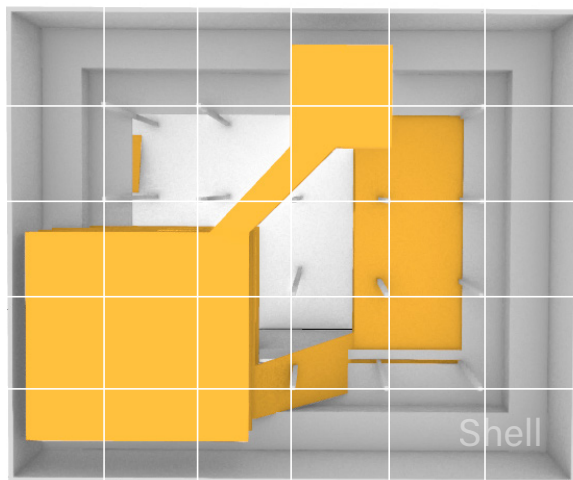
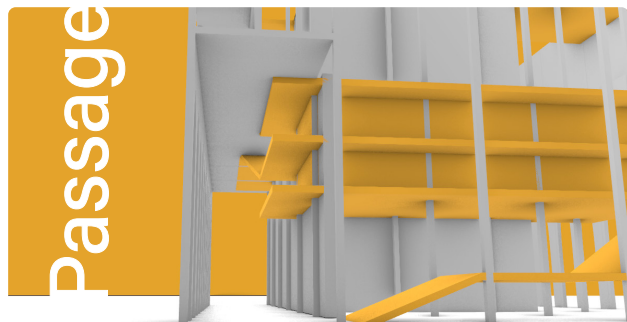
Module
Skeletal examples



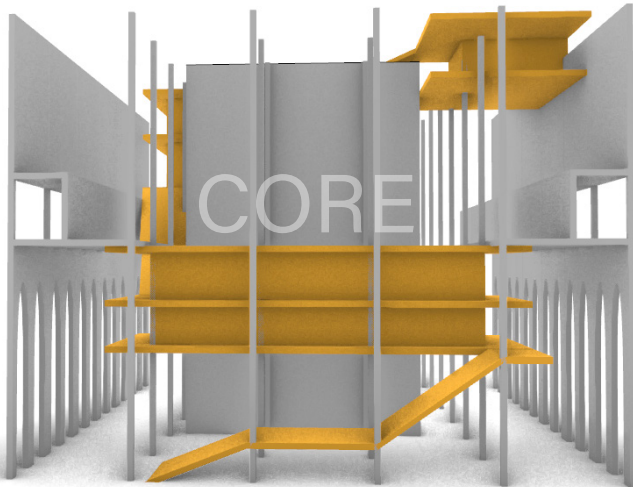
Changing grid



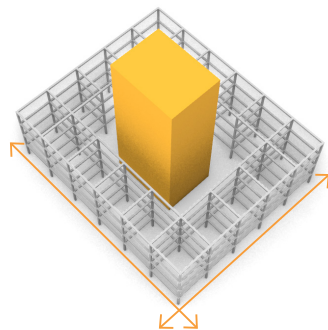
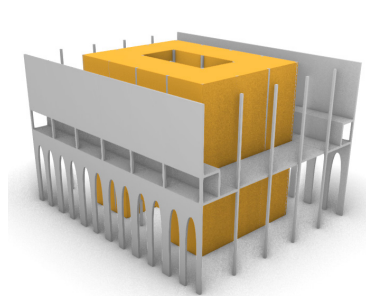
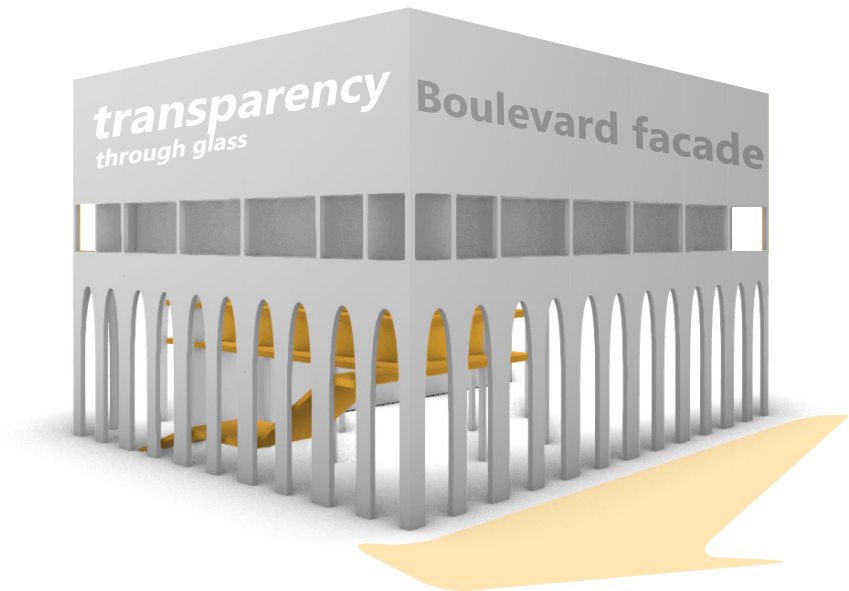
Separate support structures



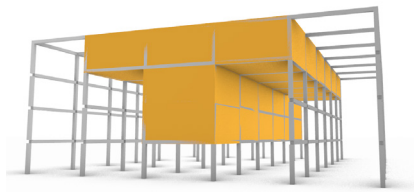
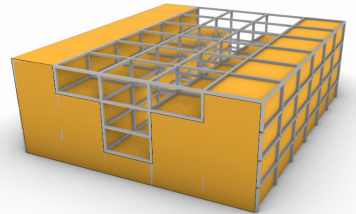
Shell + Grid



Shell principle: all functions placed in a box with a shell and support structure

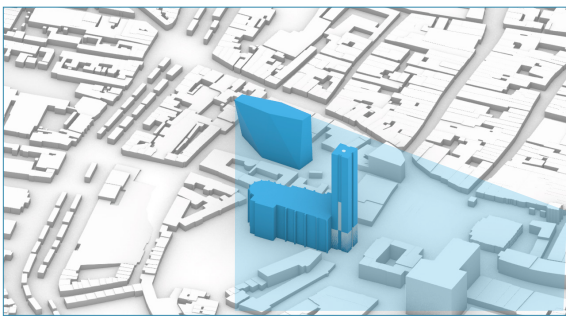
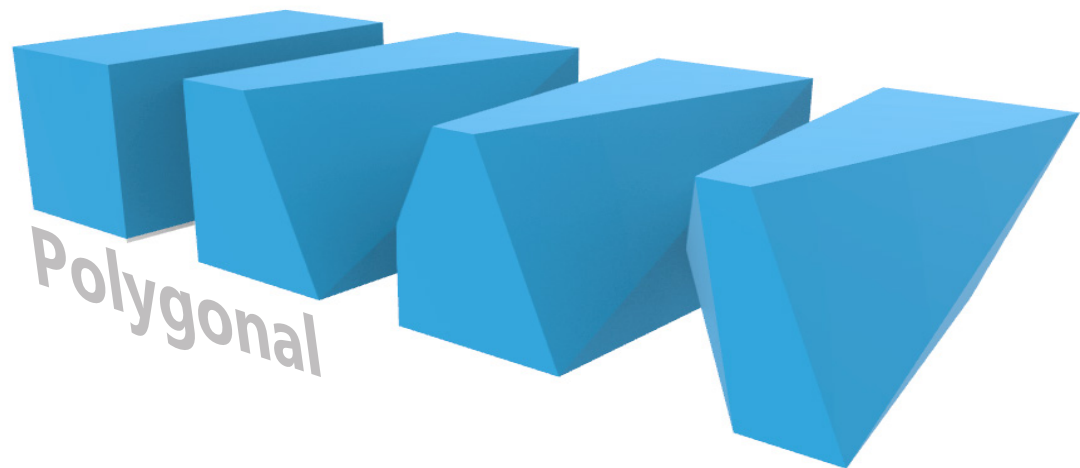


Routing & Shell

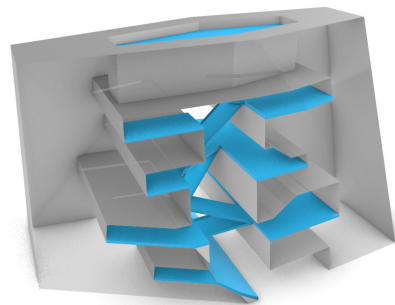


Sketch models

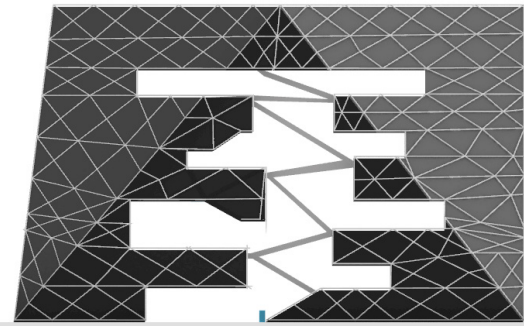
Versatility within Grid



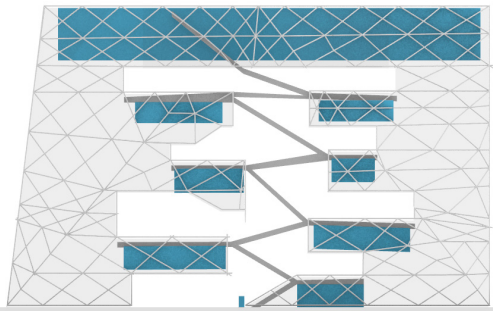
Lookout towards the city and church



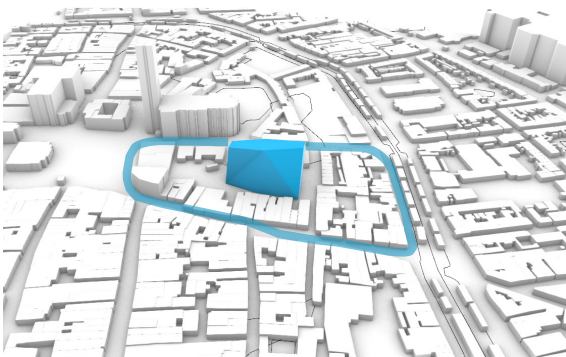
Circulation Area



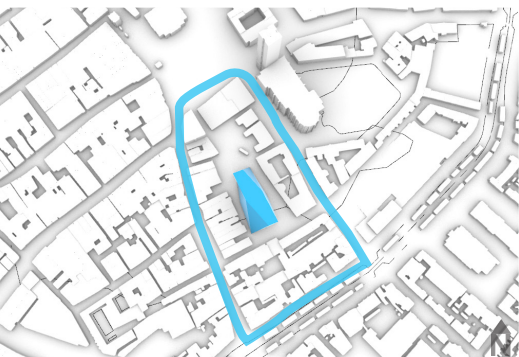
Supporting structure



Christmas Tree principle

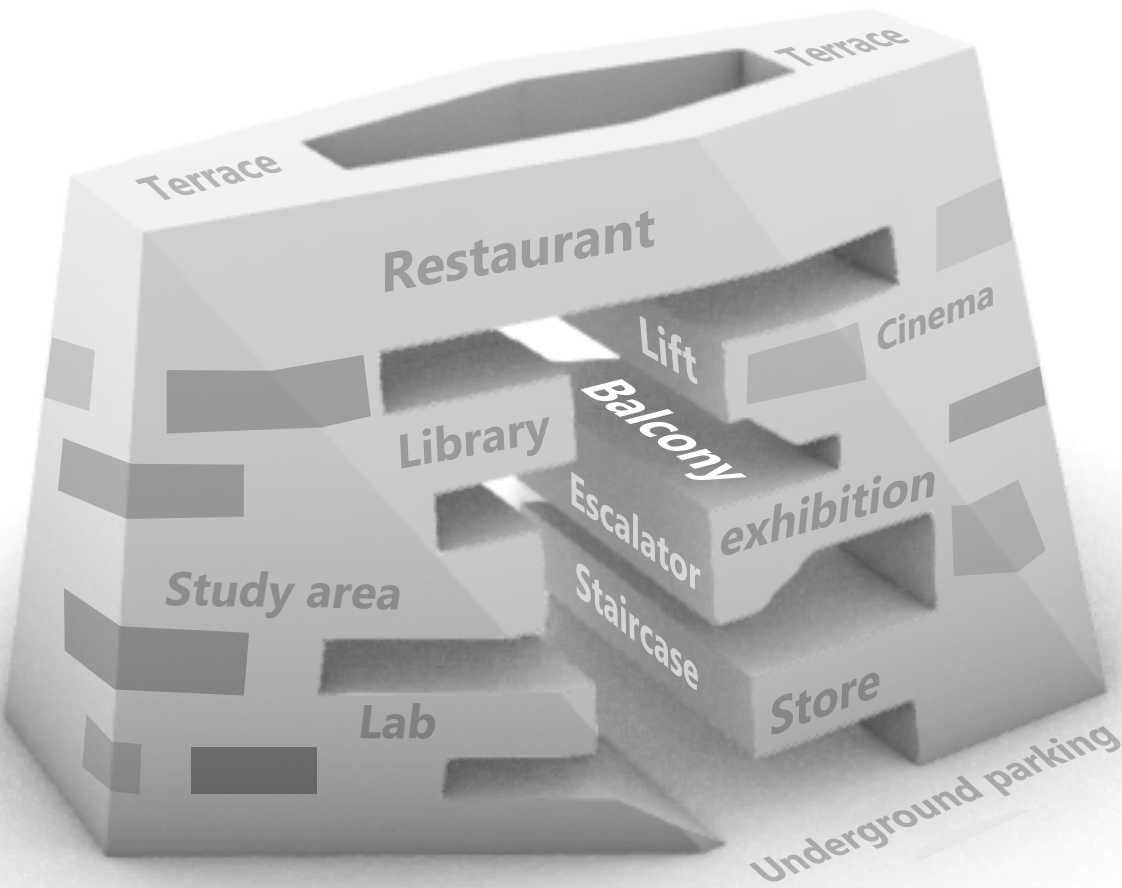


Context + landmark

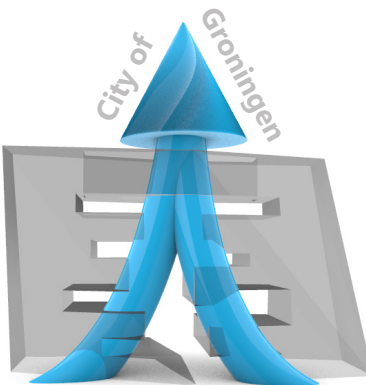
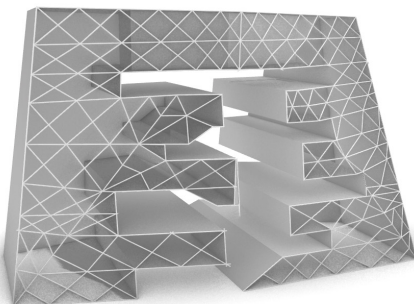


Centralized building block

Centralized



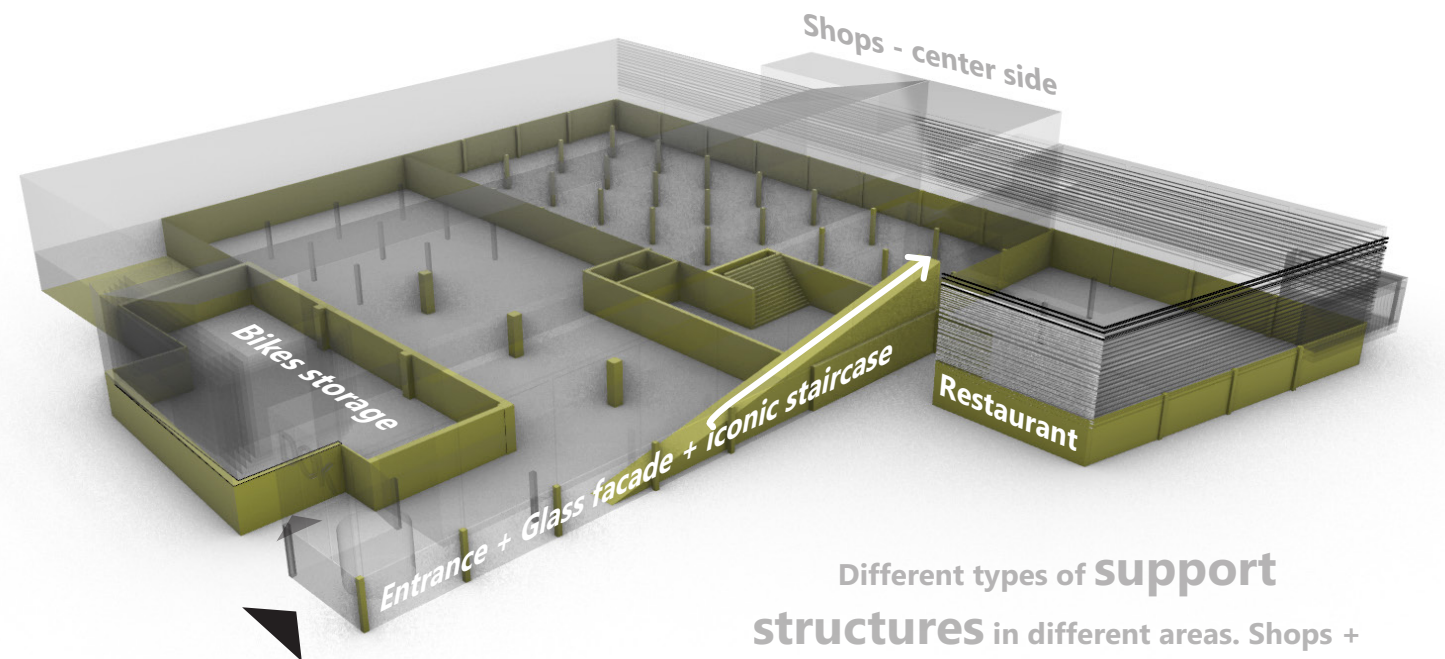
Christmas Tree principle The functions are clustered underneath the inner balconies that make up the circulation area in the form of a big void.



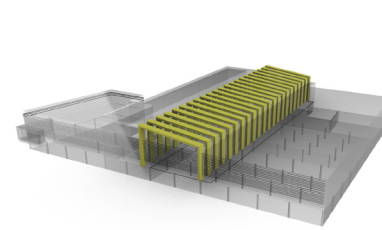
Opening up towards the city

DOK Delft Library concept center

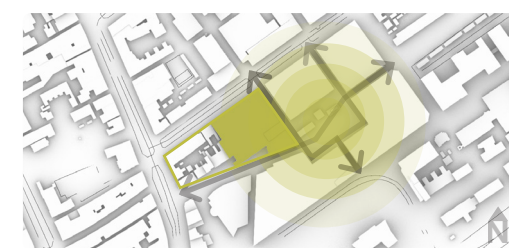
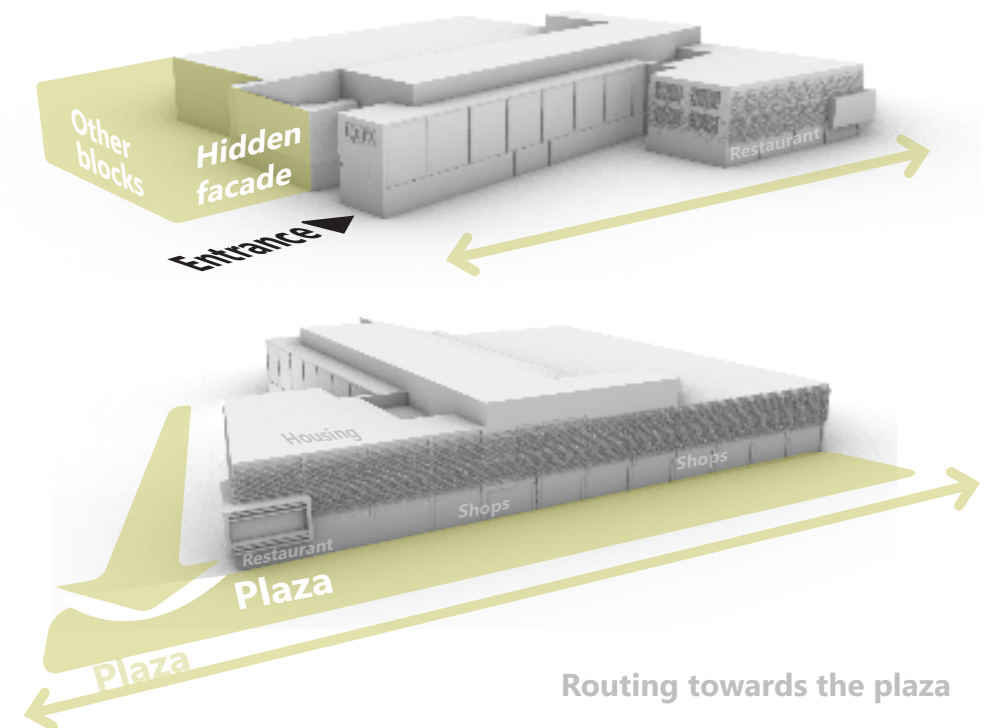
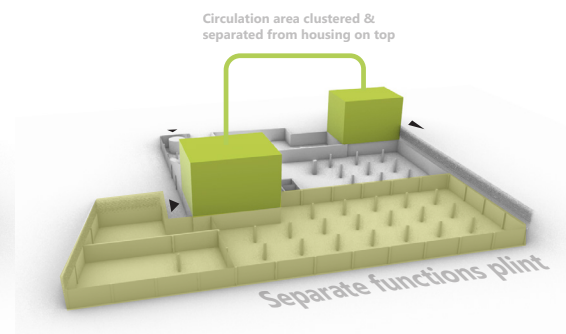
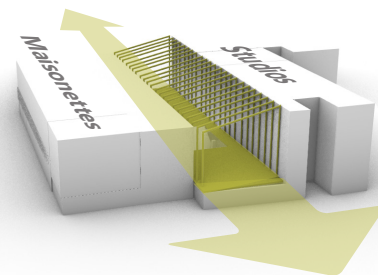
DOK architecten, Liesbeth van der Pol
Public Library Delft



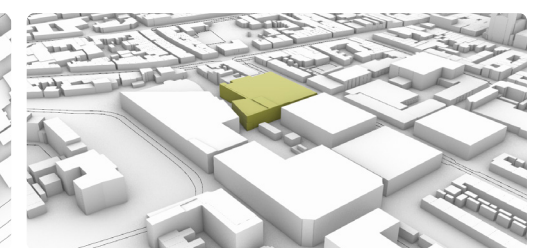
Different types of **support structures** in different areas. Shops + **public plint** + housing on top (maisonette housing + studios)



One big hall connecting two building blocks with inner balconies.

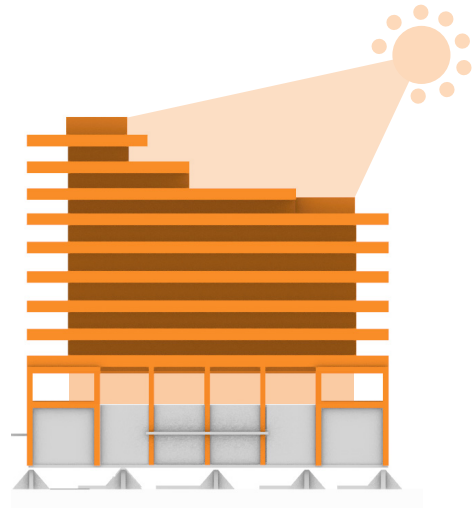
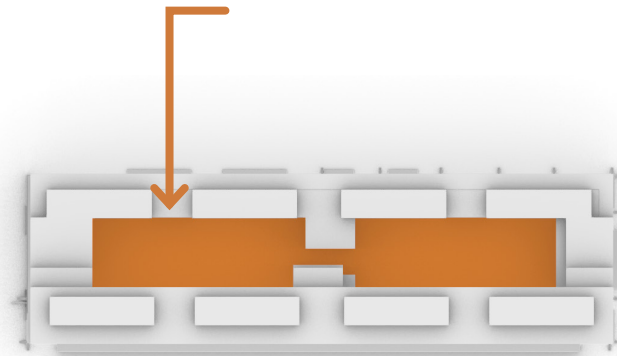


Not specifically centralized + **hidden facades**

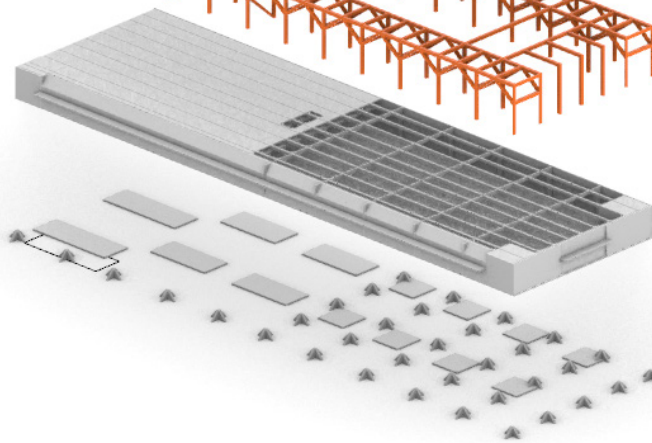
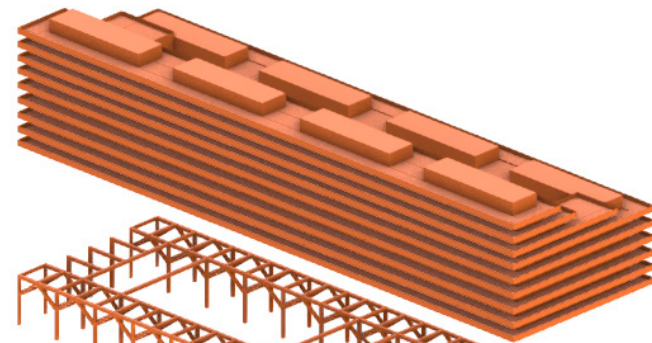


Buildings in the area consist of **public + private** function (housing) + around the same amount of floors.

Place of serenity with lots
of sun and vegetation
Courtyard + oasis



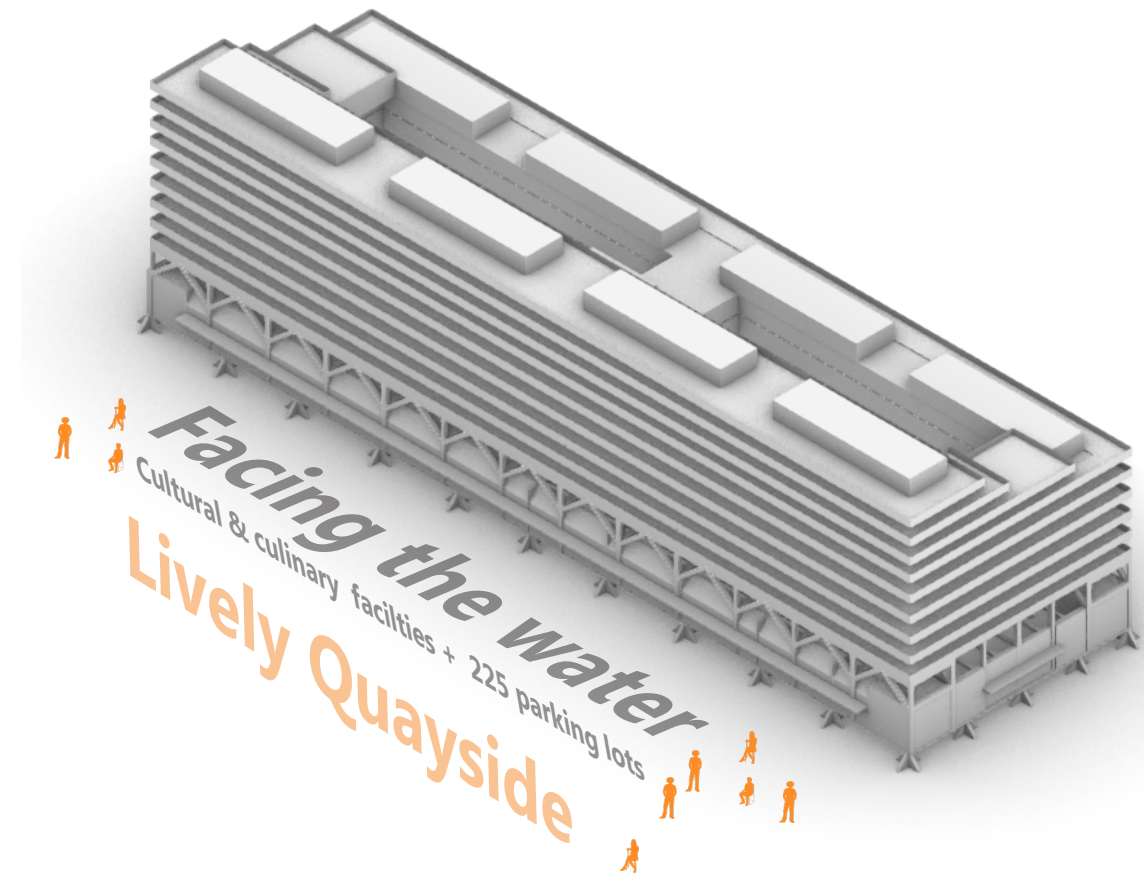
Difference in storeys is dependent on
architecture on both sides. **Matching**
the existing blocks.



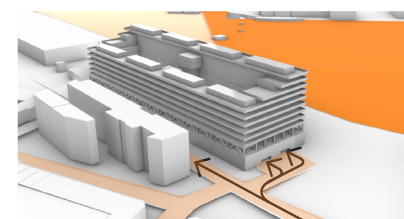
Apartments +
Penthouses on top

New supporting
structure

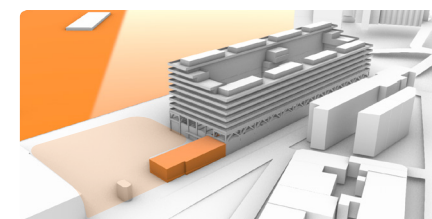
Existing Fenix
Warehouse +
Support structure
Foundation



Facing the water
Cultural & culinary facilities + 225 parking lots
Lively Quayside



Parking Garage
Ground level



Theatre + other functions



Context regarding
the waters

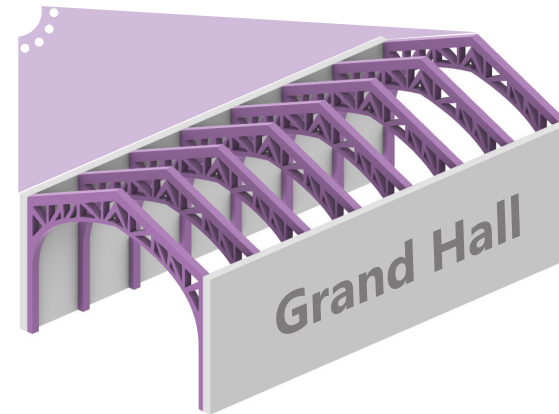
The Beurs van Berlage



H.P. Berlage

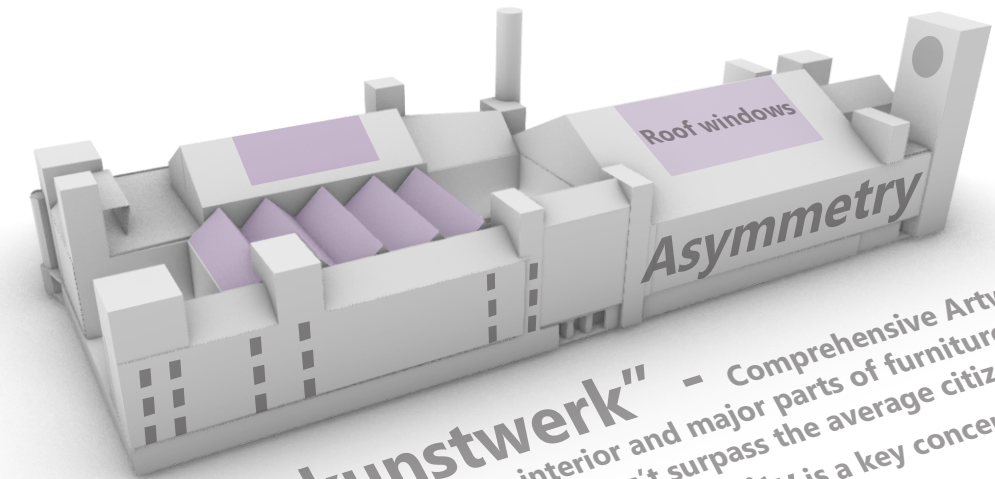
Exhibition center, contemporary conference, meeting and events center with offices and restaurants , Amsterdam Damrak

Glass Roofs & Lighting



Visible and multifunctional support structure
Skeletal structure of glass windows and steel in combination with thick brick walls.

Architecture & aesthetic



"Gesamtkunstwerk" - Comprehensive Artwork
H.P. Berlage also designed the interior and major parts of furniture.
Sober architecture that in a sense doesn't surpass the average citizen.
The building is everyone's home. Relatability is a key concept.

"Graanbeurszaal" Corn Exchange Hall
With special roof letting in northern light for the former **function** of the hall - grain inspection

The "Effectenbeurszaal" stock exchange hall
Multi-purpose hall

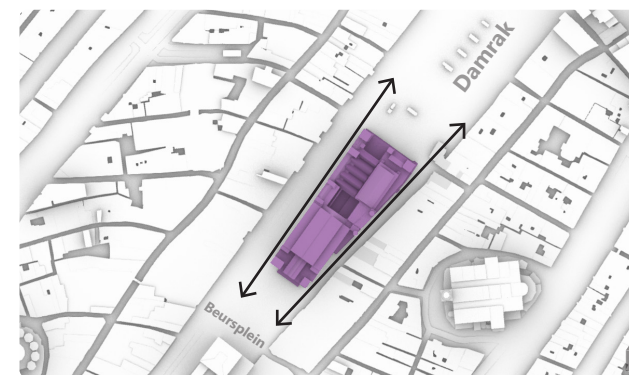
"Veilingzaal" place where you used to place your bids in the past.
"Administratie zaal" Meeting place

"Grote zaal" Grand Hall is the largest hall of the Beurs van Berlage and the entire city center.

"Keurzaal" Inspection room looking out on the station and the old port

Major halls being enclosed by smaller spaces

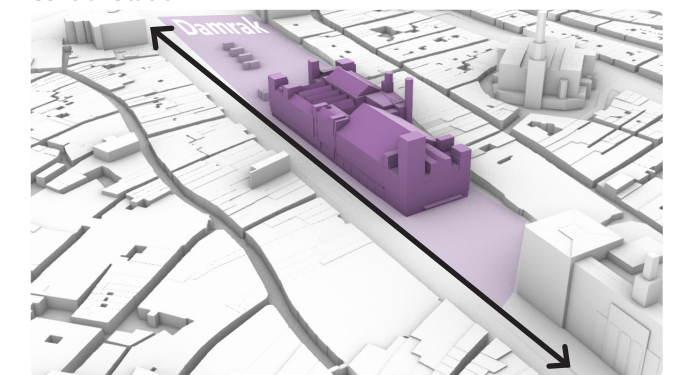
"Berlage Zaal" used for commerce and meetings



Located on the Damrak, central position in

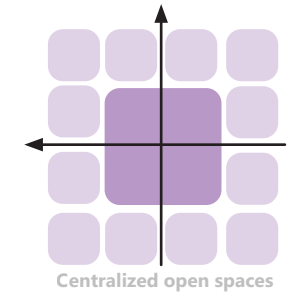
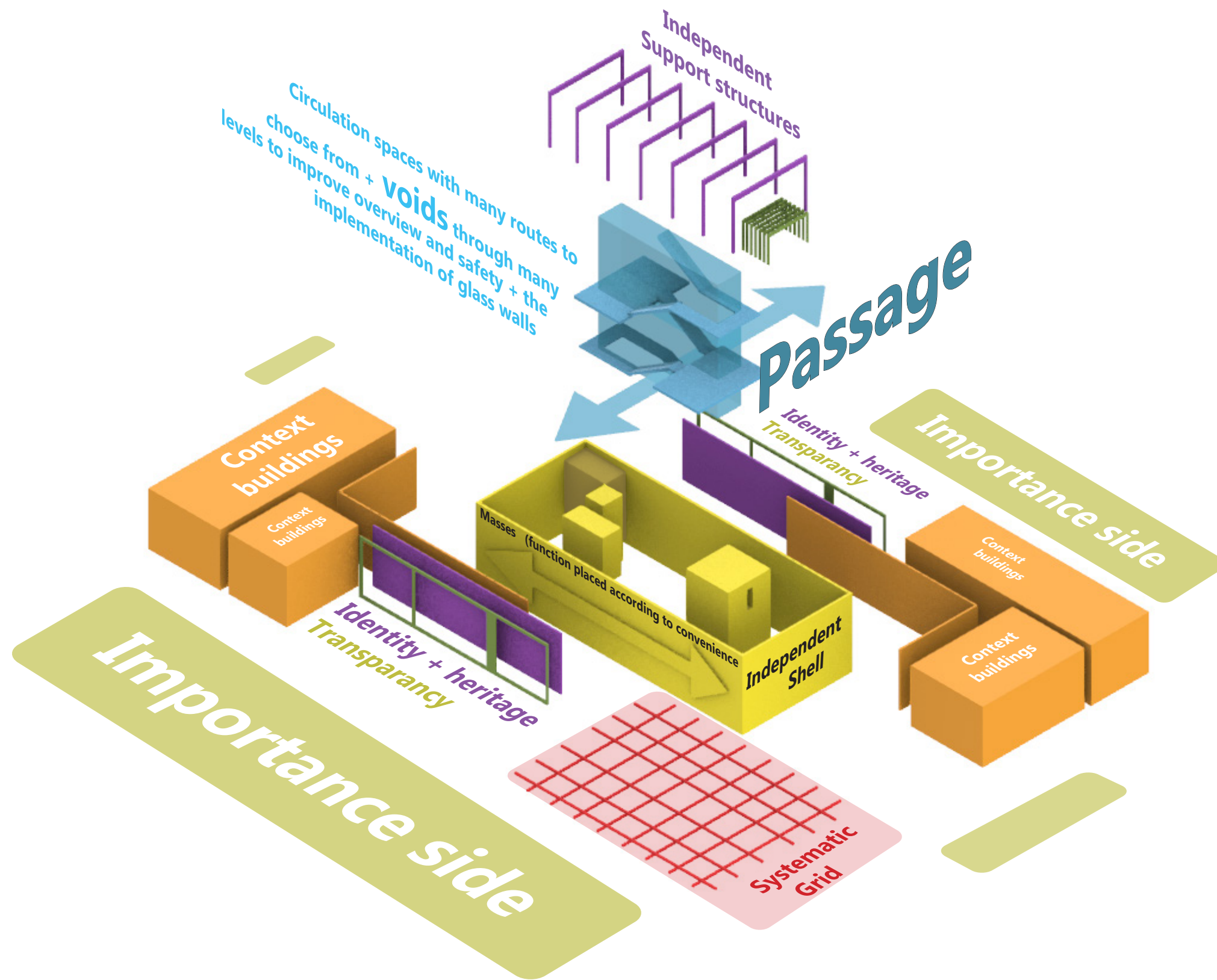
Amsterdam with a lot of **services**:
parking, public transport, easy accessible for the disabled, hotels & shops nearby

Central Station

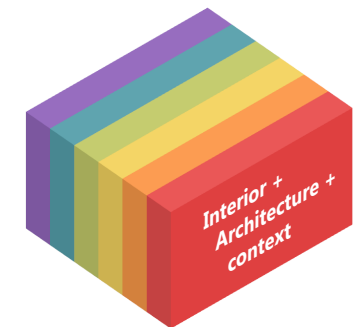
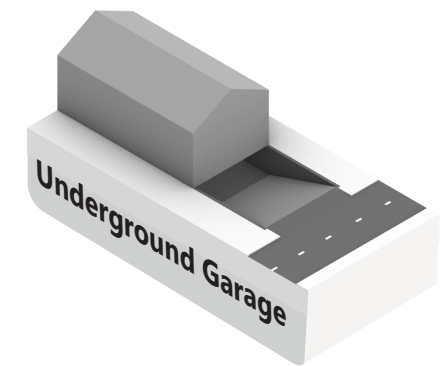


Architectural Heritage Building: located between the 'Damrak' and the 'Beursplein'. Walking from the Station to the Dam Square will

guide you along the Beurs van Berlage.



Functions inside the shell have been ordered according to convenience and accesibility.



Multifunctional +
"Gesamtkunstwerk"

