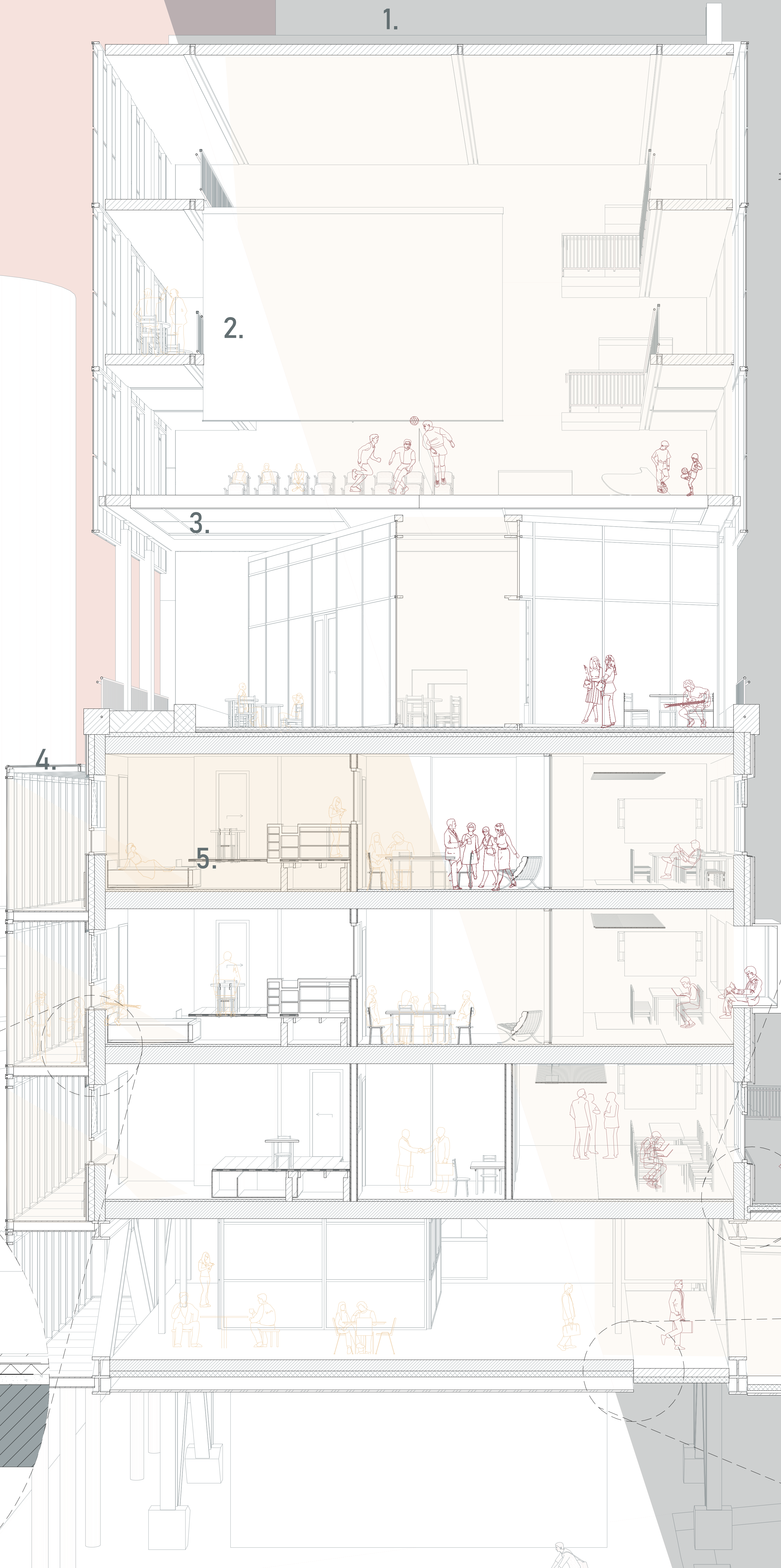


BRIDGE BETWEEN WORK AND LIVING

Increasing lack of space in the Netherlands drives us to new interpretations of the multifunctional building. To reduce vacancy and increase effective use of existing buildings the Bruggebouw-Oost in The Hague is transformed. The integration of multifunctional concepts in the design of this building results in a new relation between functions. By combining shops, housing, working, sports and restaurants new flows and opportunities are created but new challenges emerge. Creating a new way of living between working and living where the two can benefit from each other. This by horizontally and vertically linking and overlap them getting the most out of the square meters. To make the building suitable for the future it needs to be adaptable. Therefore the building consists out of prefabricated units being housing, working and shops that can be altered throughout the years to comply with future demand. This all to strive to efficient use of the built environment.

ROBERT-JAN ALTENA
4813952 - SECOND LIFE
ARCHITECTURAL ENGINEERING



UPPER VOLUME
Multifunctional space

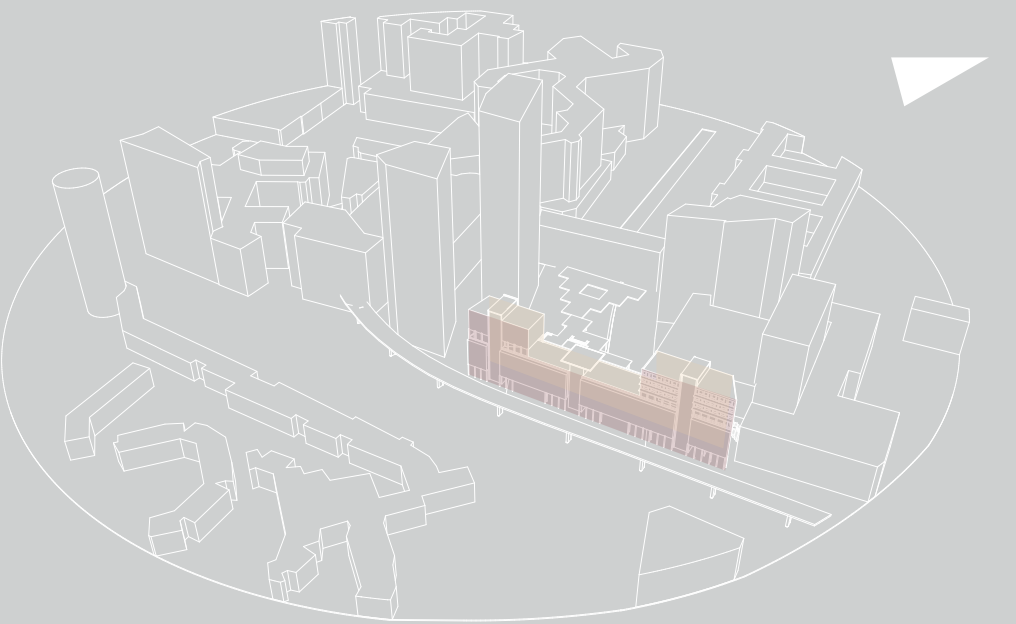
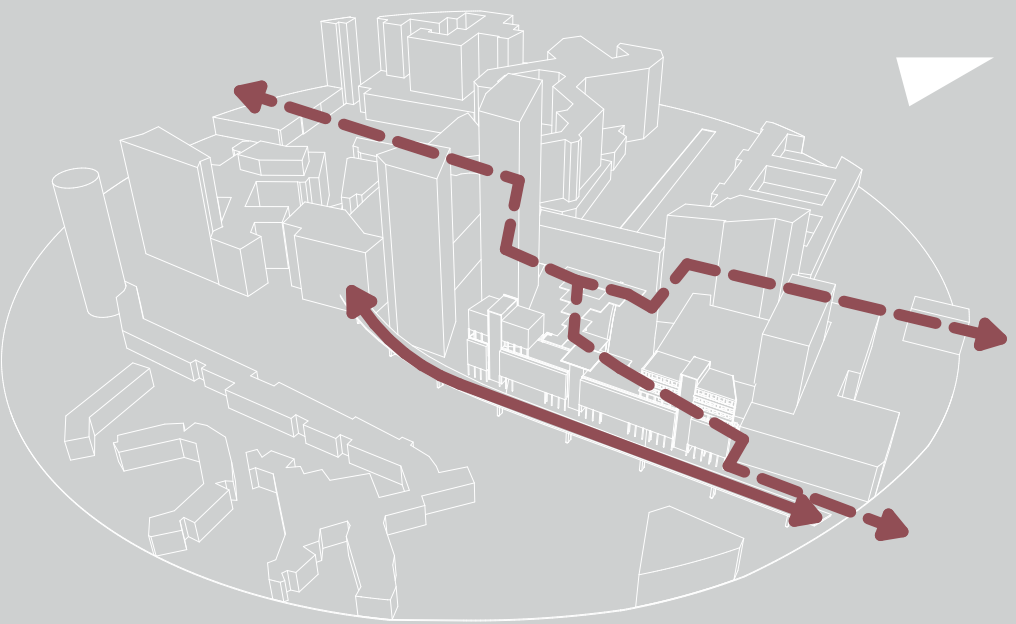
FIFTH FLOOR
Restaurant + outside

THIRD FOURTH FLOOR
Working and living

SECOND FLOOR
Working and living

FIRST FLOOR
Shops and retail

AXO BUILDING
SURROUNDING AND FUNCTIONS



CONNECTION
The building is connected to the surrounding infrastructure in the form of a walkway.

FUNCTIONS
Multifunctional building with two sided structure. One 'living' side and one 'working' side with the inbetween as multifunctional.

LEGEND

1. VENTILATION UNI AND SOLAR PANELS

2. CINEMA SCREEN;

3. NEW STEEL STRUCTURE WITH WOODEN HOLLOW CORE SLABS

4. GALERY TO OPEN

5. TECHNEA FLOORHEATING 20 MM

6. FACADE STRUCTURE 7.2 m²/K/W
Prefab concrete (existing) 250mm
PIR insulation 140mm
Vertical wooden cladding 18x18mm

7. FLOOR STRUCTURE
Hollow core slabs 300mm
Constructive layer 50 mm
Soundproof layer 50mm

8. GALERY STRUCTURE
Wooden cladding 22mm
Framework steel galery

9. CONCRETE SLABS

10. Kerto Ripa Wooden floor 350x2000
Aluminium cladding (existing)

DETAIL
NEW FACADE - GALERY
1:10

DETAIL
FLOOR - FLOOR
1:10

10.

WEWO

