

urban vitality as a heritage conservation strategy : the case of Plein '40-'45 in Western Garden Cities



- 01 Introduction
- 02 Research and Findings
- 03 Research to Re-Design
- 04 Design Proposal

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Getty Images



Planning map of the General Expansion Plan for Amsterdam, (Amsterdam City Archives, 1935

Nieuw-West, Western Garden Cities

Research and Findings Research to Re-Design Design Proposal



Western Garden Cities' Vision

Research and Findings Research to Re-Design Design Proposal



The Space and Sustainability Department of Municipality of Amsterdam (2021)

Historic Urban Landscape

Research and Findings Research to Re-Design Design Proposal

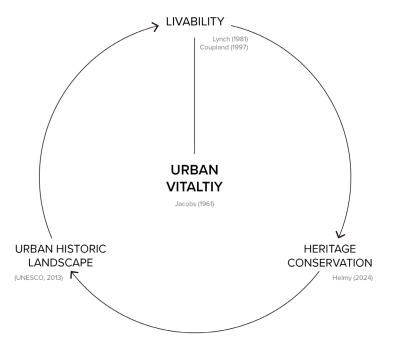
"The key to understanding and managing any historic urban environment is the recognition that the city is not a static monument or group of buildings, but subject to dynamic forces in the economic, social and cultural spheres that shaped it and keep shaping it."

Concept of Urban Vitality

Research and Findings Research to Re-Design Design Proposal



Vitality for Heritage Conservation Research and Findings Research to Re-Design Design Proposal



Research Case: Plein '40-'45

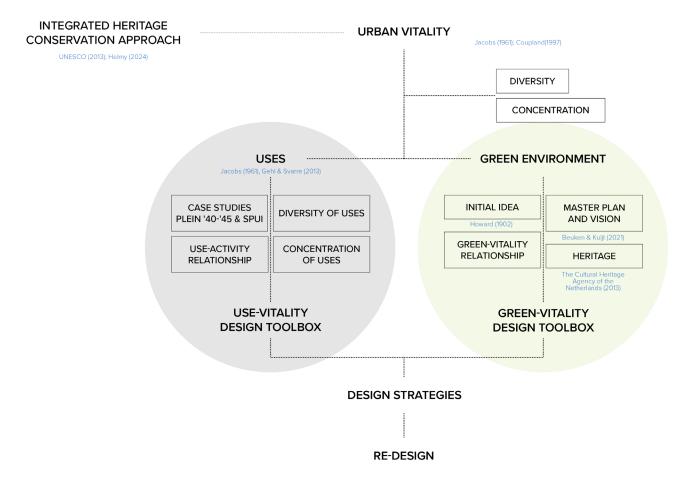
Introduction Research and Findings Research to Re-Design Design Proposal



"How can the **urban vitality** of the historic square of Plein '40-'45 **be enhanced** while considering **uses** and **green environment**?"

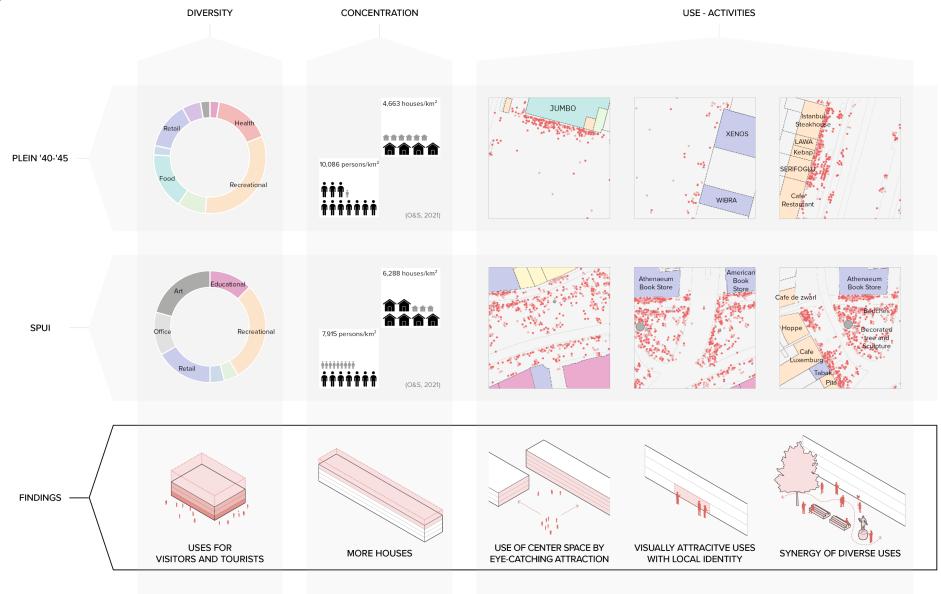
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Framework and Methodology Research and Findings Research to Re-Design Design Proposal



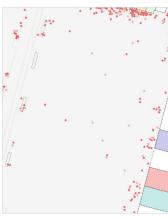


Topotijdreis



Plein '40-'45



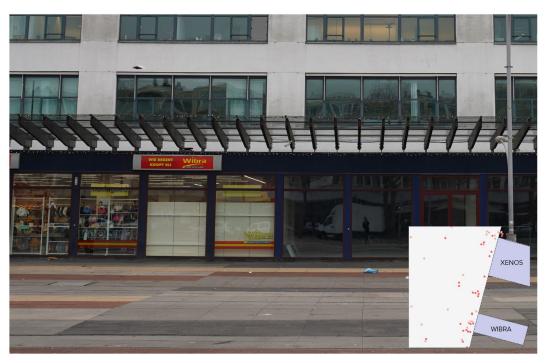












Plein '40-'45



Plein '40-'45



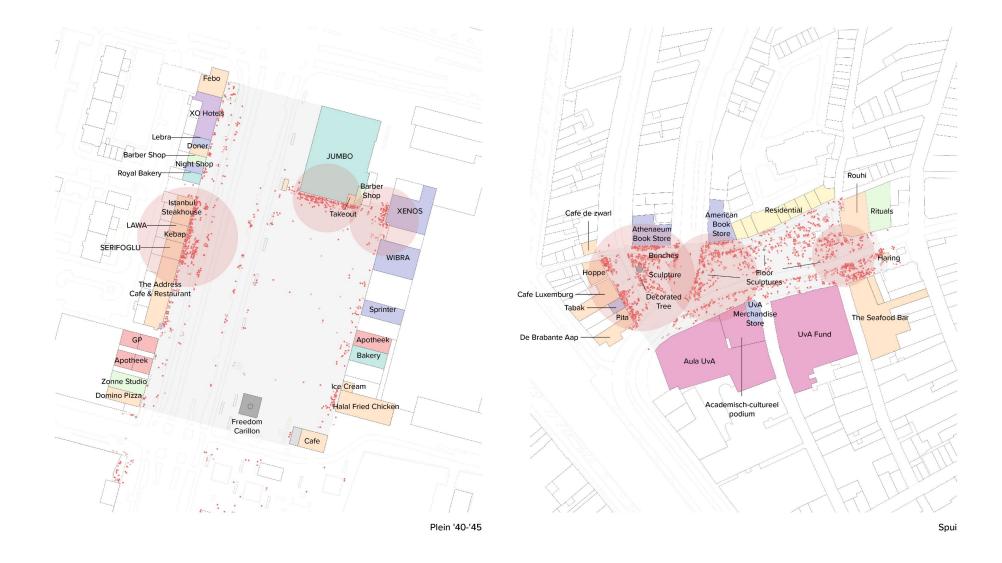
Plein '40-'45

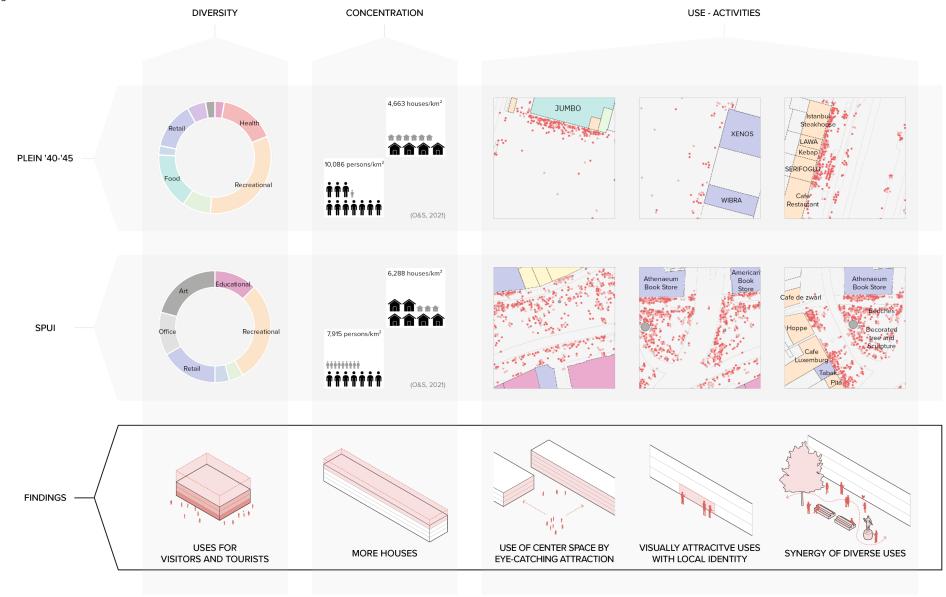


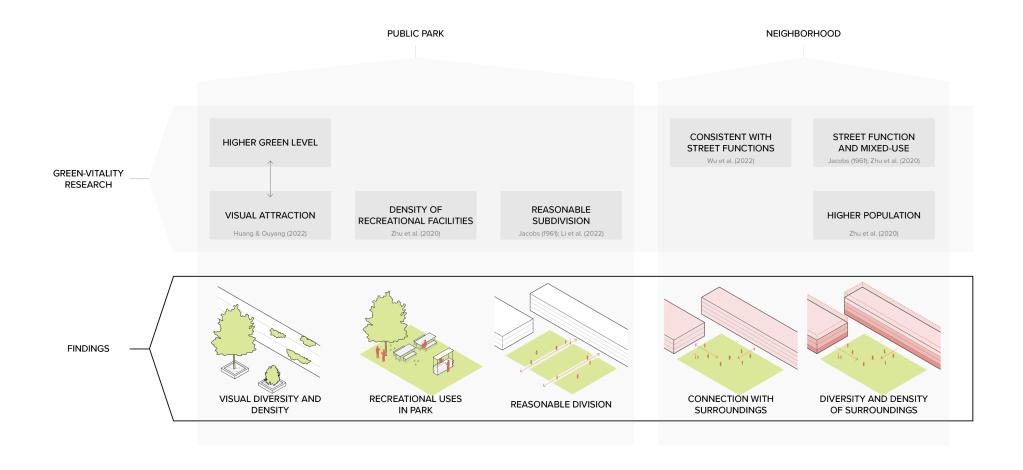


Use-Activities Observation Mapping

Research and Findings Research to Re-Design Design Proposal



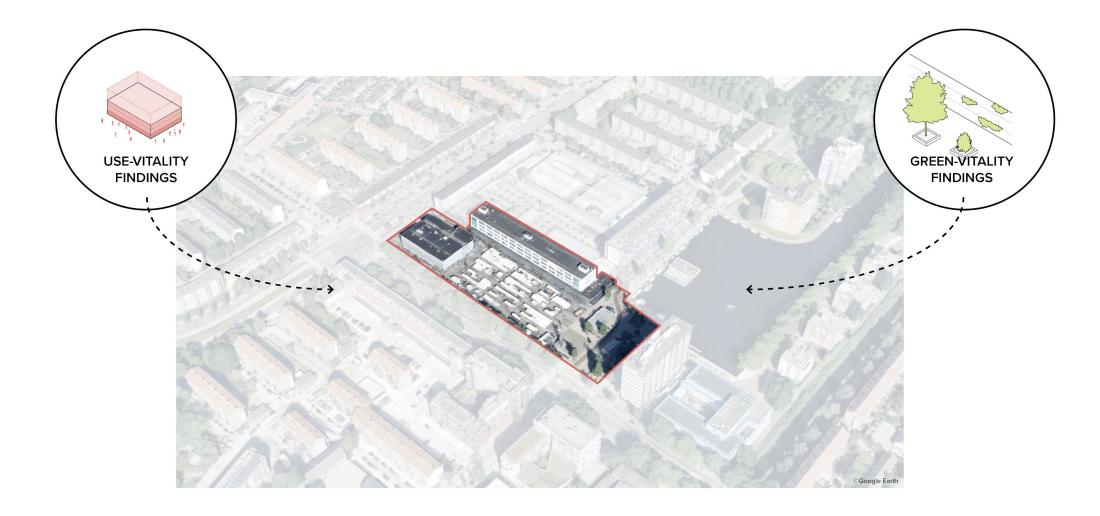




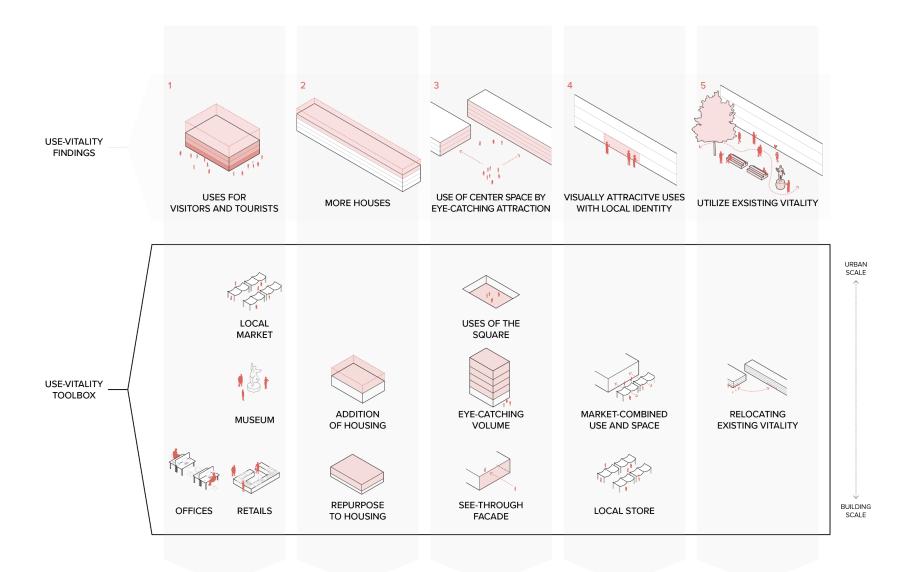
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Plein '40-'45

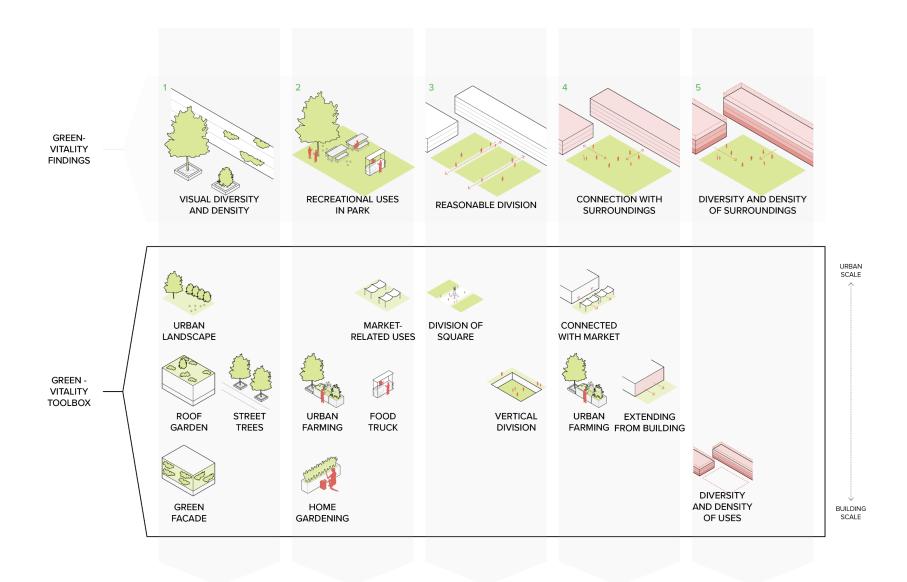
Introduction Research and Findings Research to Re-Design Design Proposal



Use-Vitality Design Toolbox Research and Findings Research to Re-Design Design Proposal



Green-Vitality Design Toolbox Research and Findings Research to Re-Design Design Proposal



Context - Expanding Urban Center Research and Findings Research to Re-Design Design Proposal





Context - Current Green Environmental Vision Research and Findings Research to Re-Design Design Proposal



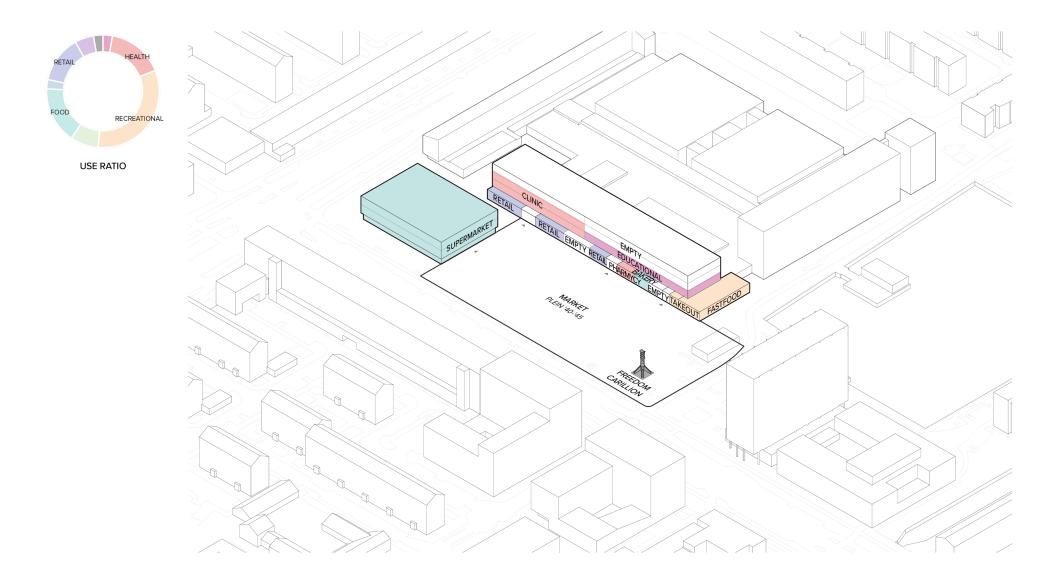
Improving Green Connectivity

Research and Findings Research to Re-Design Design Proposal



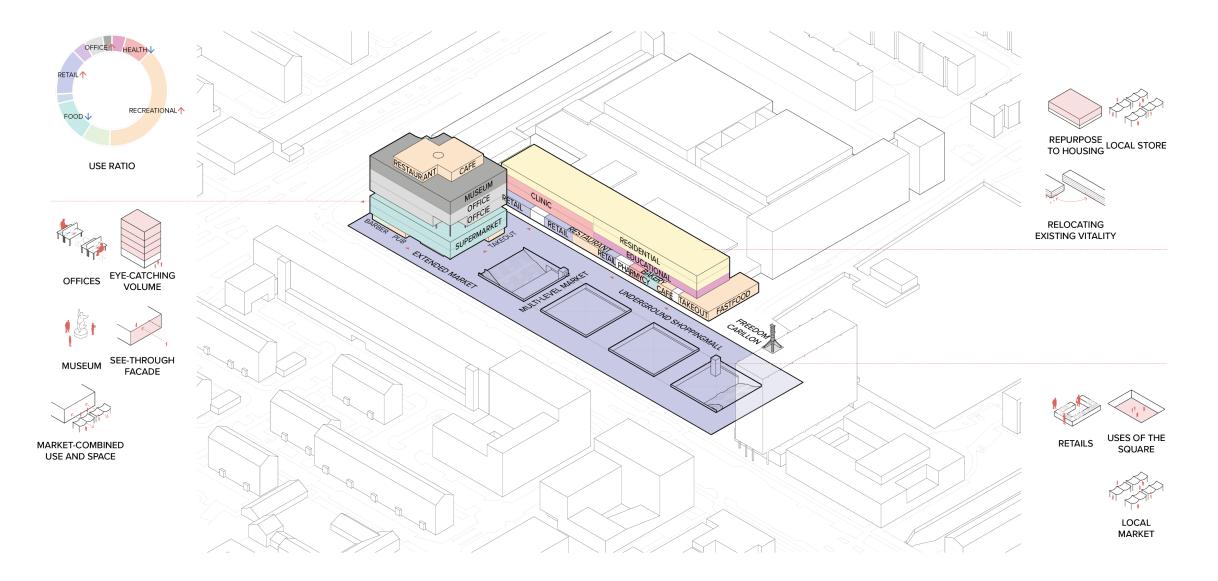
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Introduction Research and Findings Research to Re-Design Design Proposal



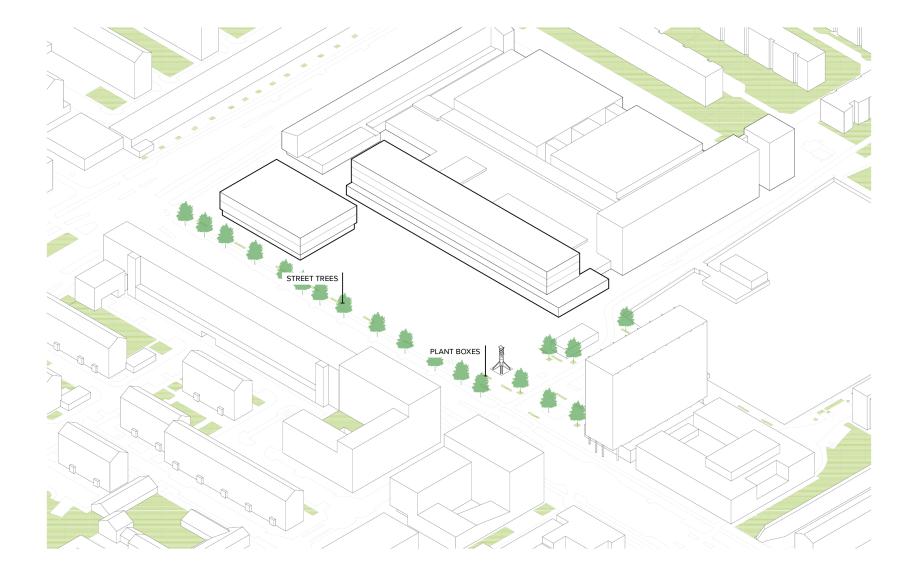
Redesigned Uses

Introduction Research and Findings Research to Re-Design Design Proposal

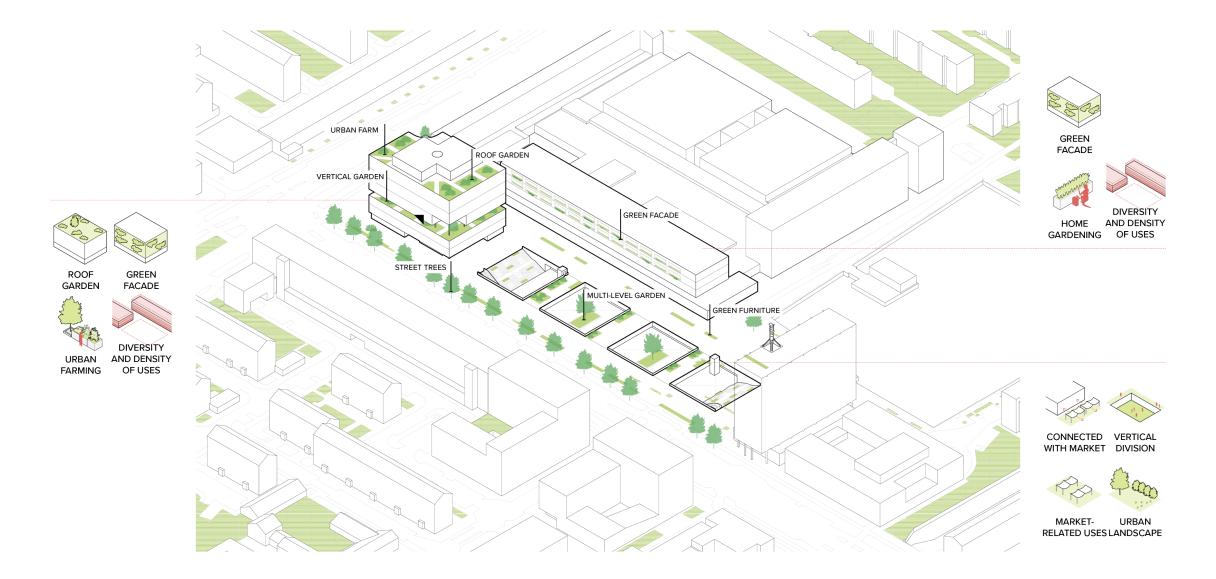


Existing Green Environment

Introduction Research and Findings Research to Re-Design Design Proposal

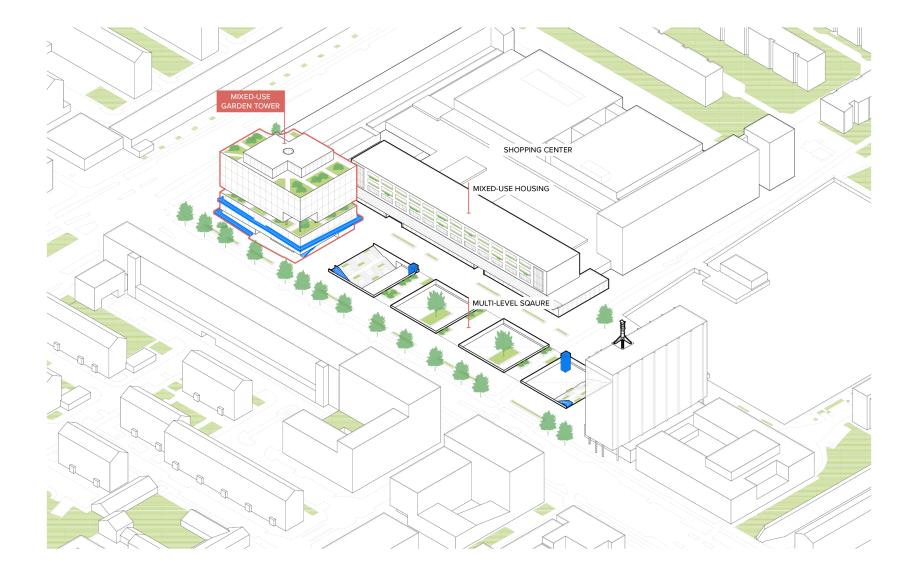


Redesigned Green Environment Introduction Research and Findings Research to Re-Design Design Proposal

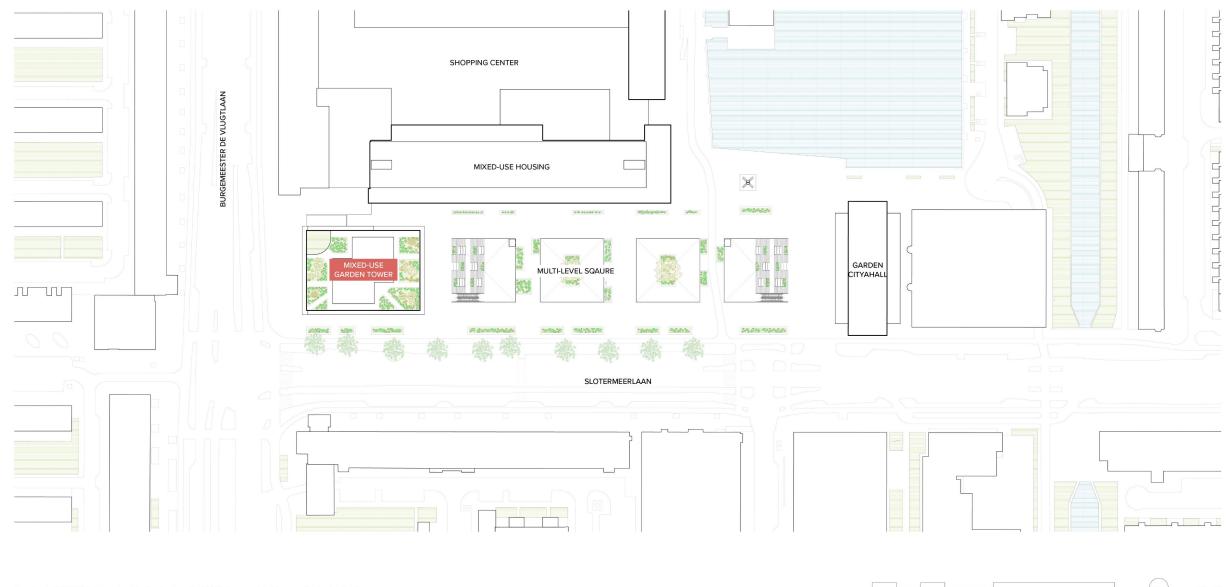


Master Plan

Introduction Research and Findings Research to Re-Design Design Proposal

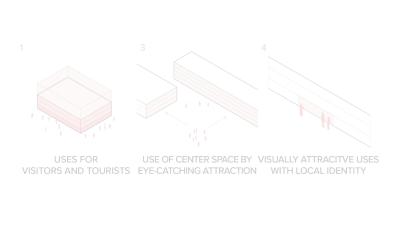


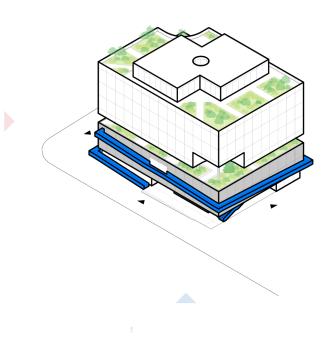
Site Plan

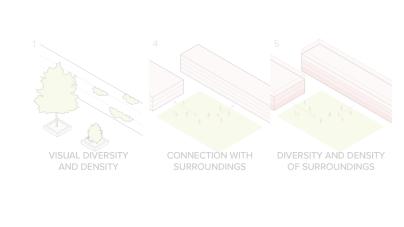




- 1 Attraction
- ² Revealing
- 4 Lifting
- 3 Extension
- 5 Generating





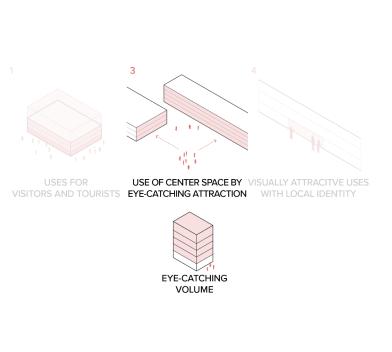




ATTRACT VITALITY
TO THE INSIDE

Design Strategy 1 Research and Findings Research to Re-Design Design Proposal

² Revealing

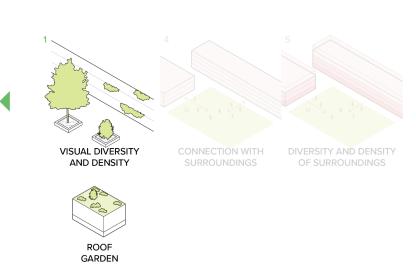


4 Lifting 5 Generating

1 Attraction

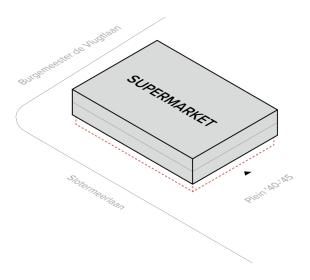
ATTRACT VITALITY

3 Extension



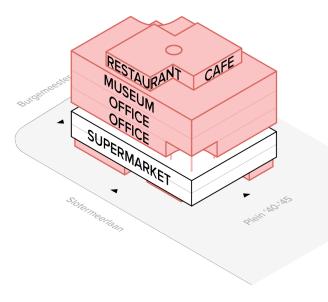
Existing Uses and Volume

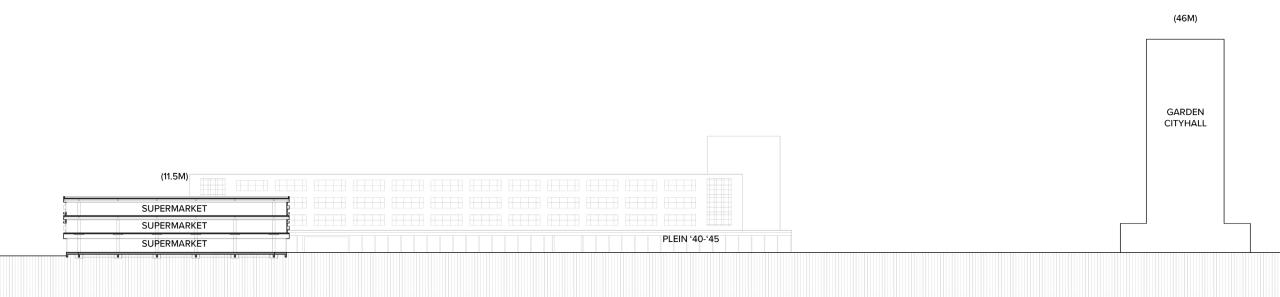
Introduction Research and Findings Research to Re-Design Design Proposal



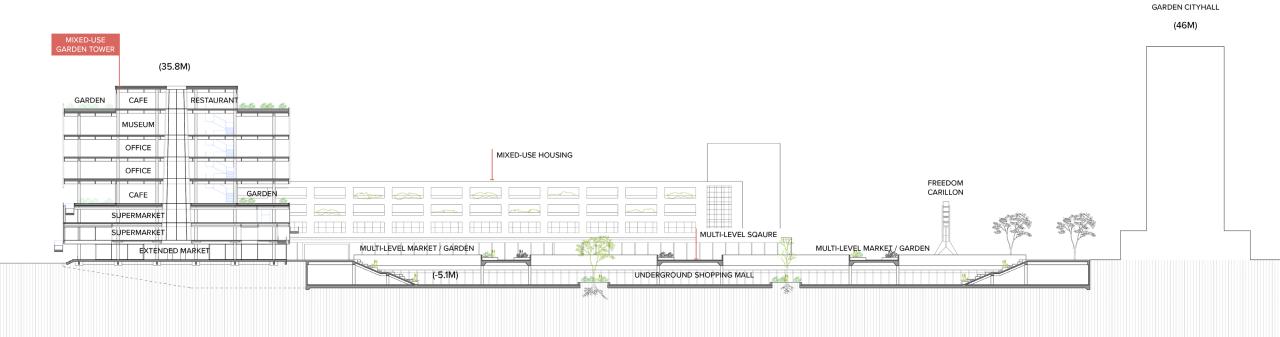
Addded Uses and Volume

Introduction Research and Findings Research to Re-Design Design Proposal





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Existing Urban Landscape

Introduction Research and Findings Research to Re-Design Design Proposal

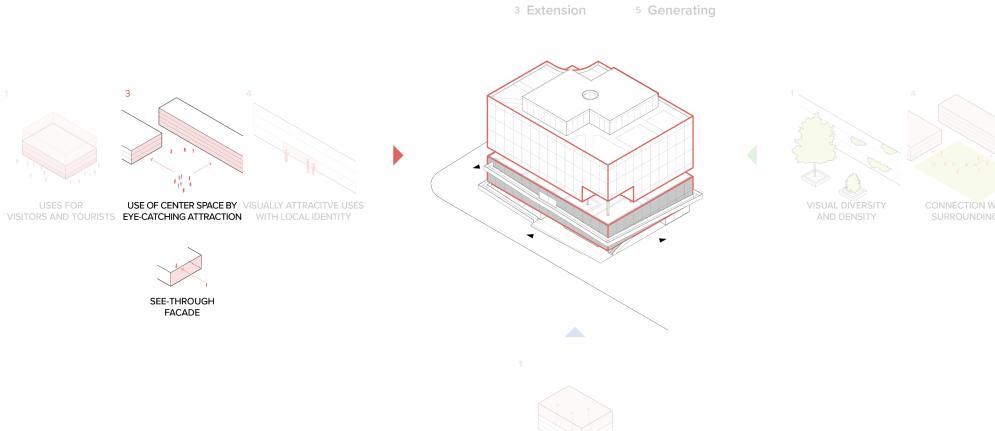




Design Strategy 2 Introduction Research and Findings Research to Re-Design Design Proposal

² Revealing

4 Lifting



1 Attraction

Existing Facade and Materials

Introduction Research and Findings Research to Re-Design Design Proposal







FIBER CEMENT FACADE PANEL (2012)

PRECAST CONCRETE PANEL (2000)

WHITE BRICK TILE, GLASS (2014)



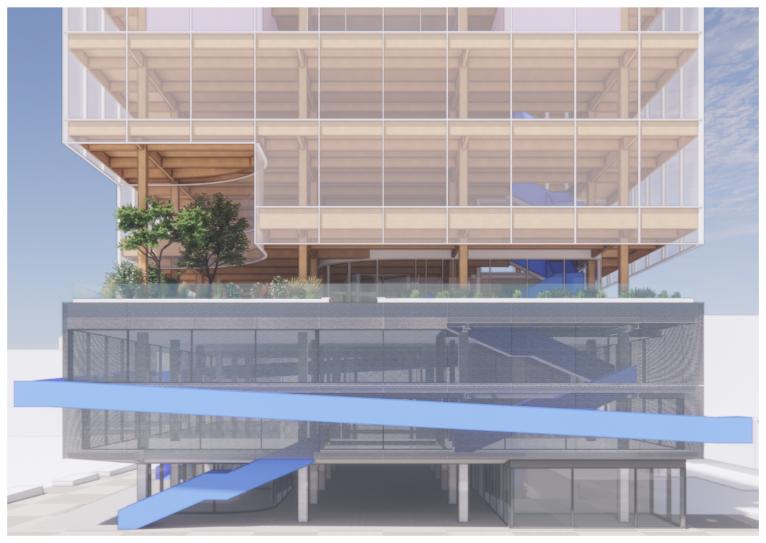




BEIGE BRICK (2010)

PURPLE & RED BRICK (2005)

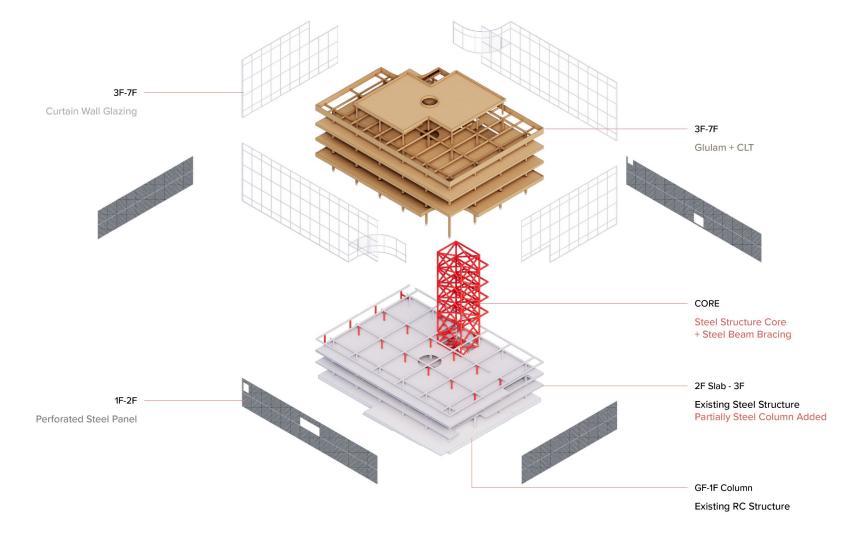
WHITE WALL PAINT (1958)



CURTAIN WALL GLAZING / PERFORATED STEEL PANEL (2024)

Structural System and Facade

Research and Findings Research to Re-Design Design Proposal



Design Strategy 3 Research and Findings Research to Re-Design Design Proposal

² Revealing

3 Connection

4 Lifting

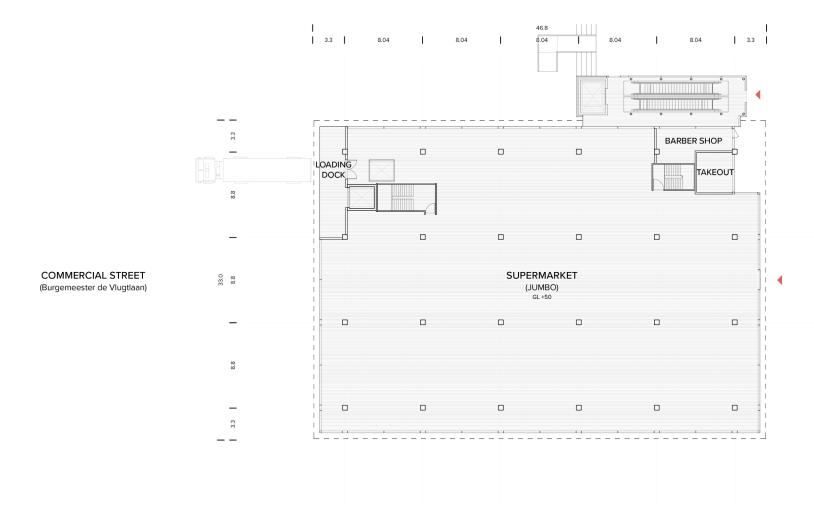
5 Generating

1 Attraction

USES FOR USE OF CENTER SPACE BY VISUALLY ATTRACITVE USES VISITORS AND TOURISTS EYE-CATCHING ATTRACTION WITH LOCAL IDENTITY CONNECTION WITH DIVERSITY AND DENSITY OF SURROUNDINGS SURROUNDINGS DIVERSITY AND DENSITY LOCAL MARKET CONNECTED WITH MARKET MARKET-COMBINED USE AND SPACE OF USES **EXTENDING** FROM BUILDING

Existing Ground Floor

Introduction Research and Findings Research to Re-Design Design Proposal



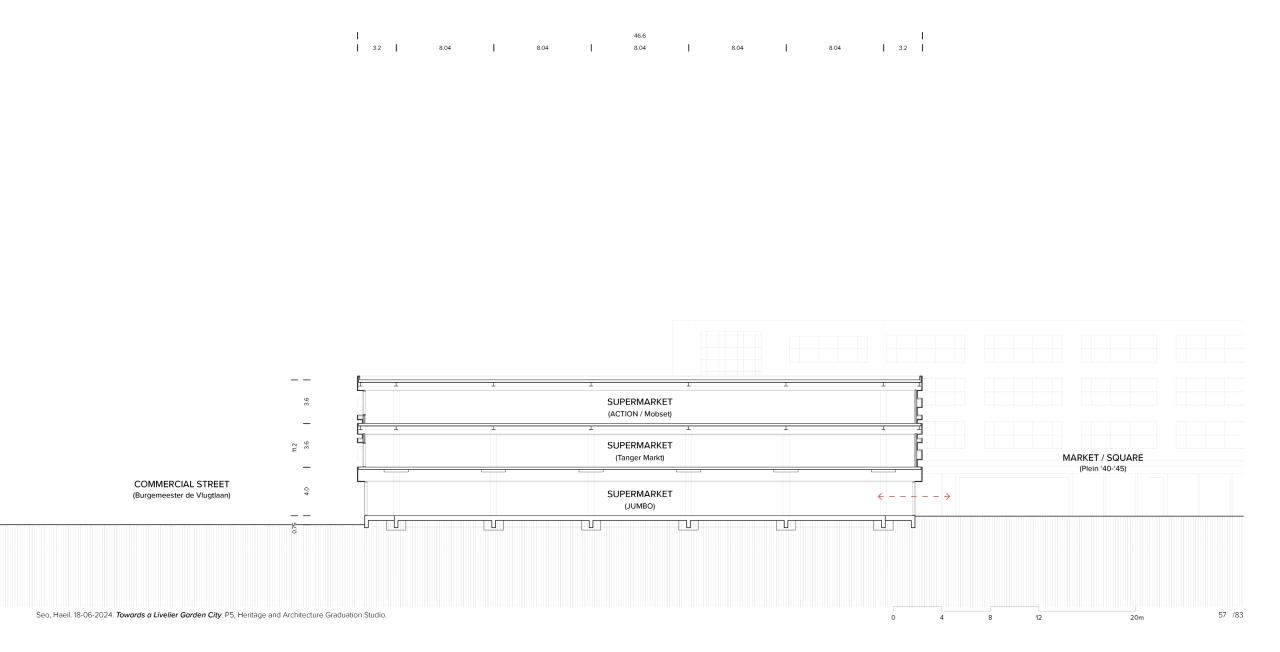
MARKET (Plein '40-'45)





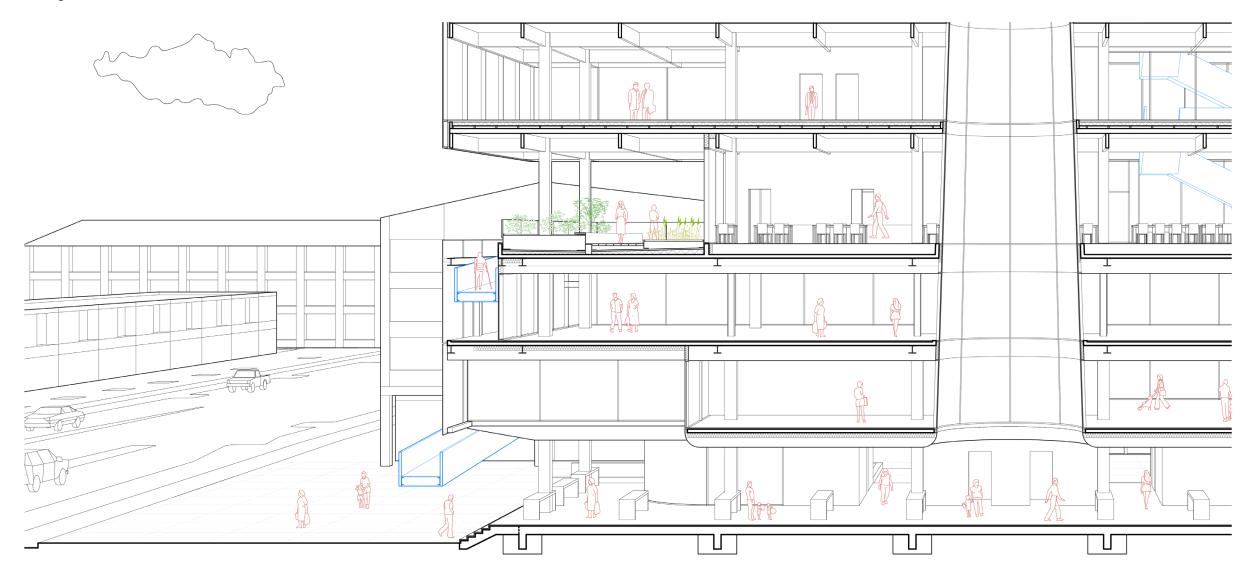


Introduction Research and Findings Research to Re-Design Design Proposal



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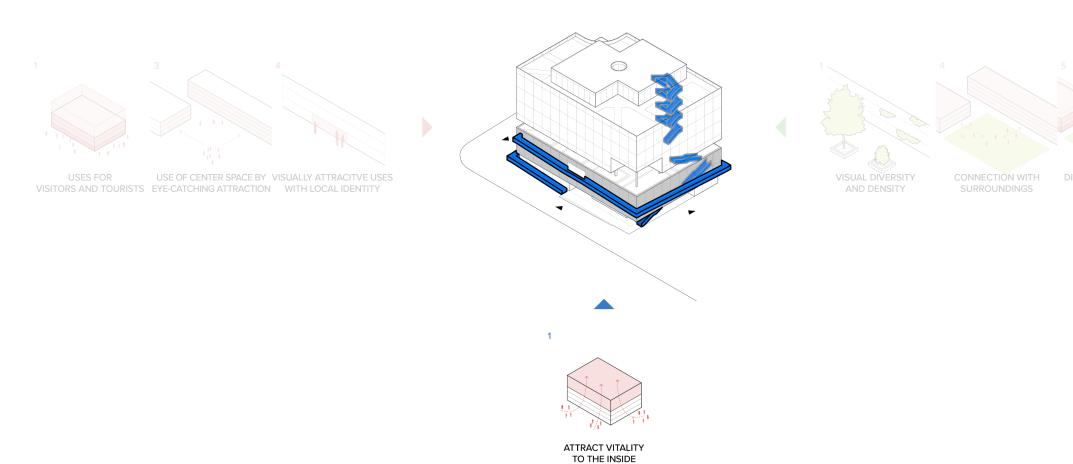


60 /83

Design Strategy 4

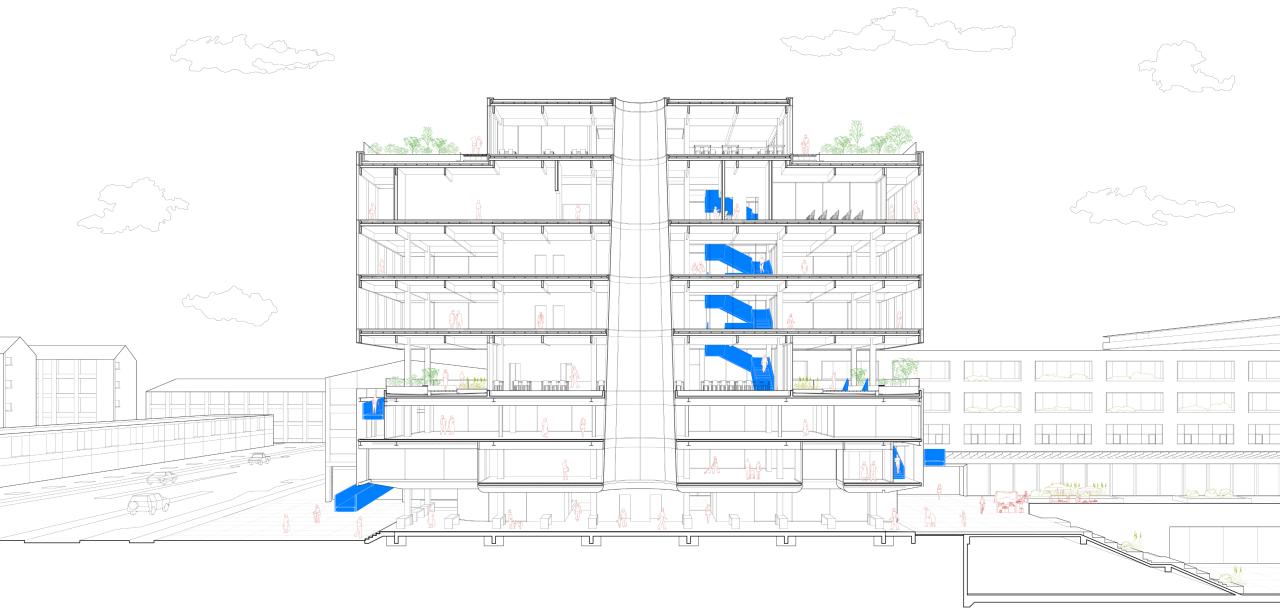
Introduction Research and Findings Research to Re-Design Design Proposal

- 1 Attraction
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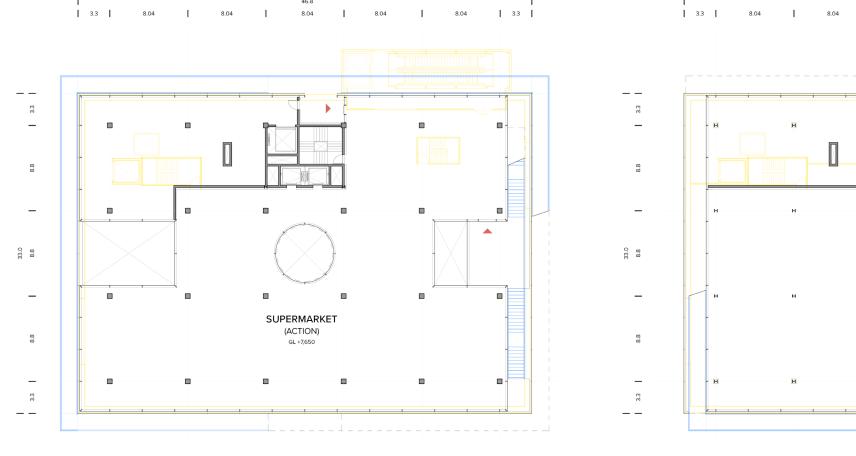
Vitality Promenade

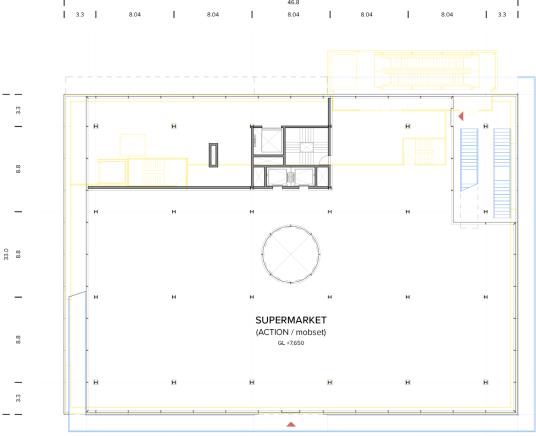
Introduction Research and Findings Research to Re-Design Design Proposal



Vitality Promenade

Introduction Research and Findings Research to Re-Design Design Proposal

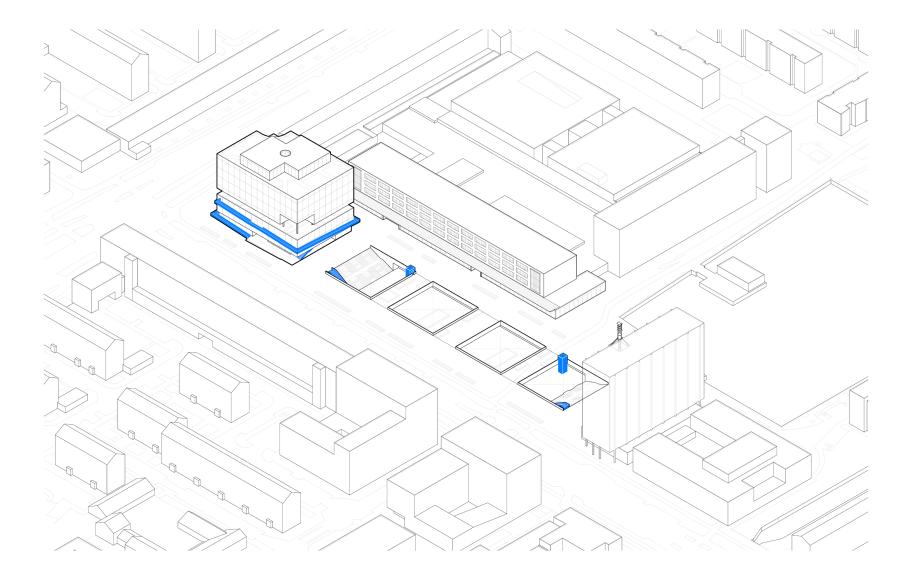




1F Plan 2F Plan

Signs

Introduction Research and Findings Research to Re-Design Design Proposal



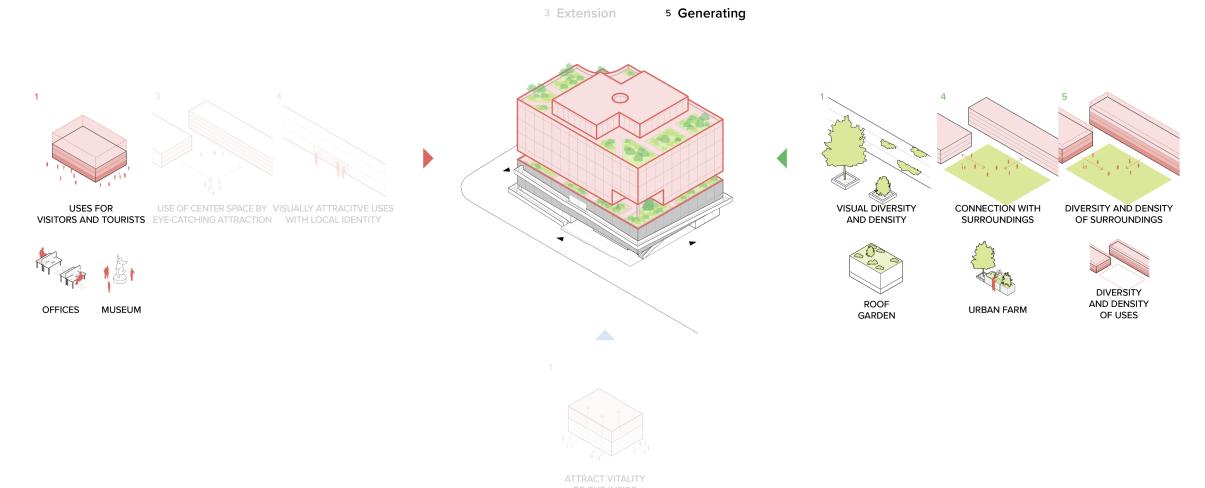
Design Strategy 5

Introduction Research and Findings Research to Re-Design Design Proposal

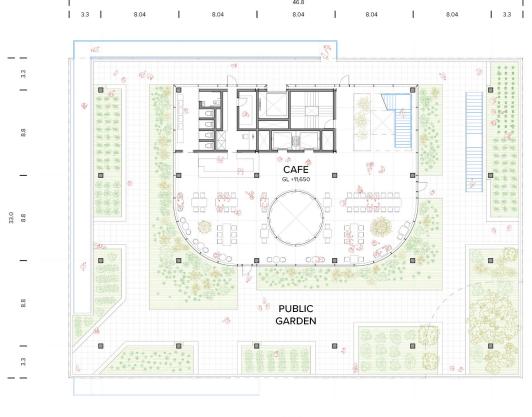
² Revealing

4 Lifting

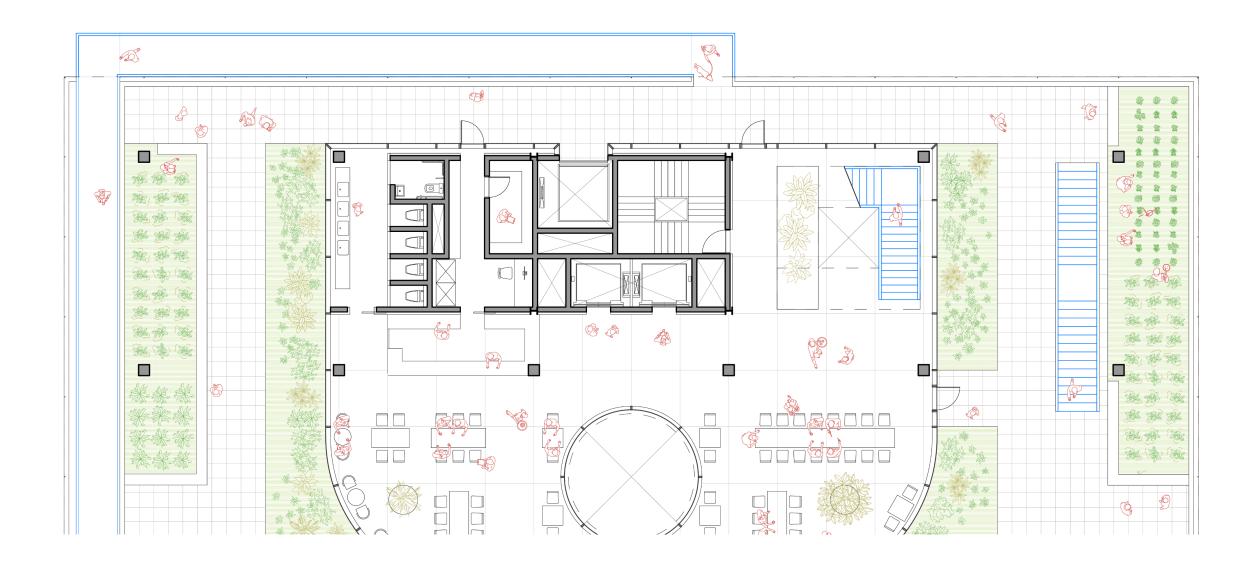
1 Attraction

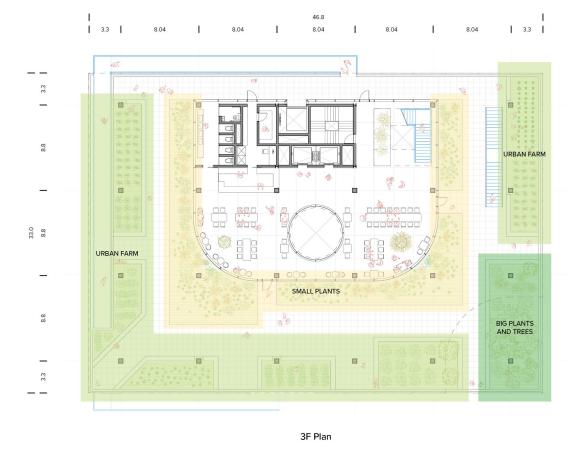


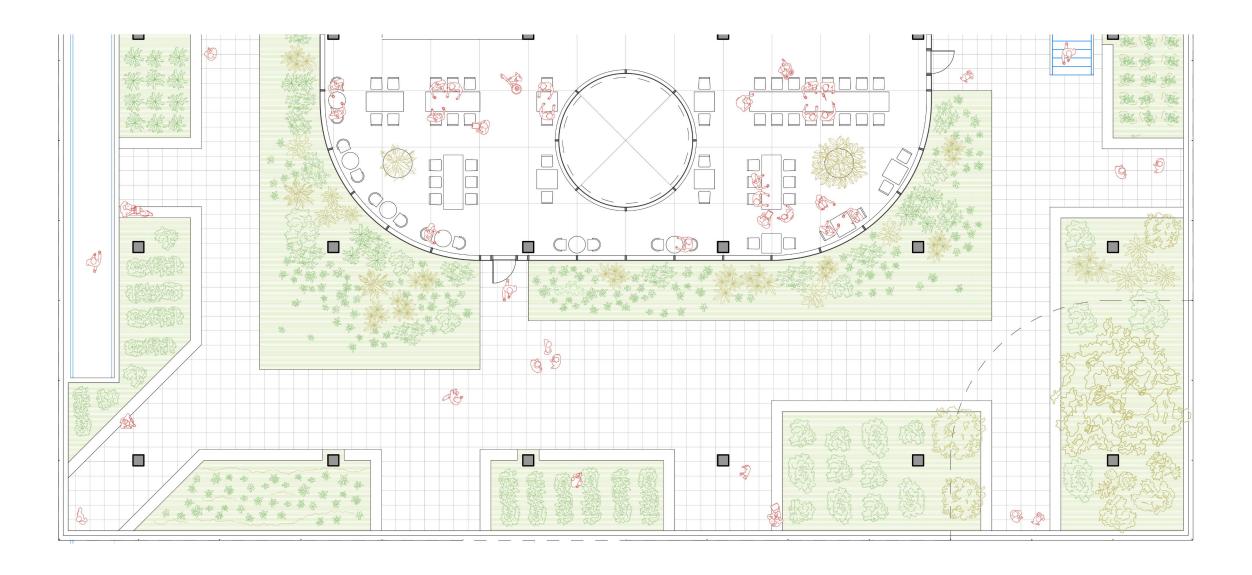
3F Public Garden

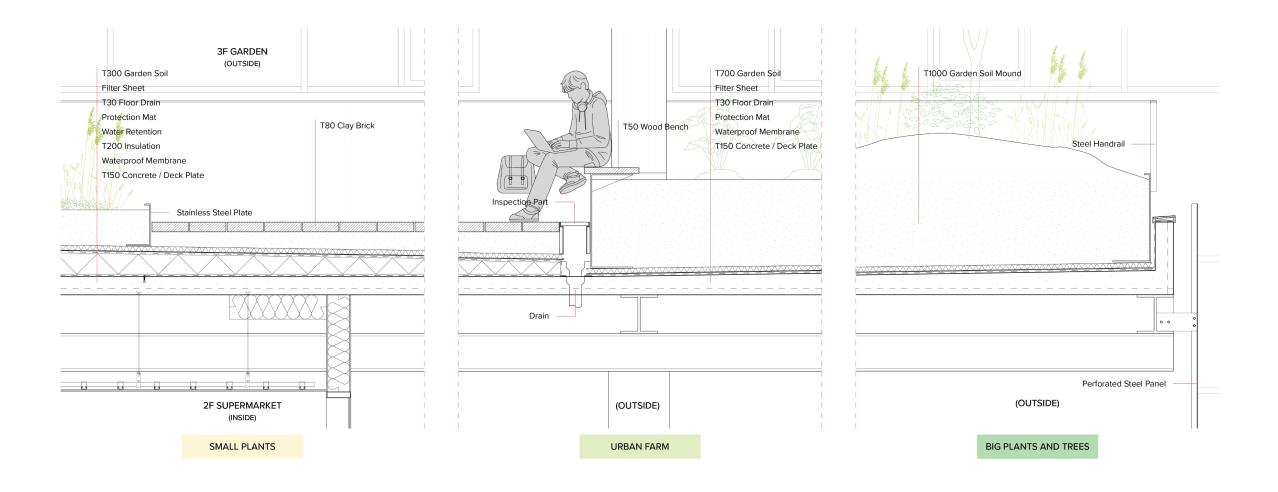


3F Plan





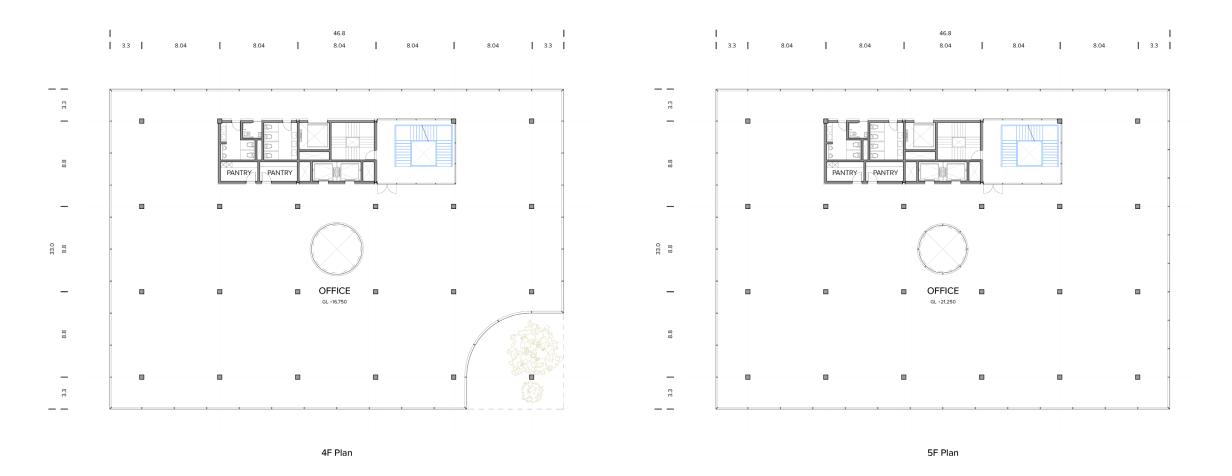


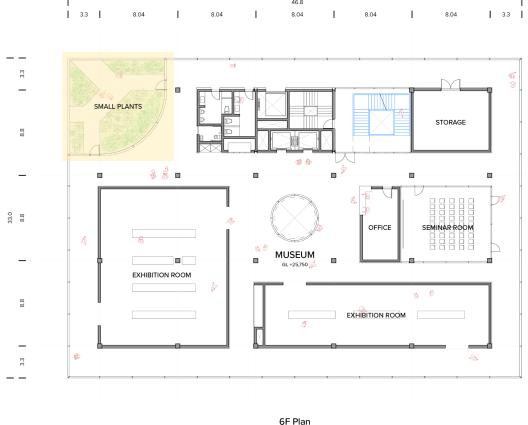


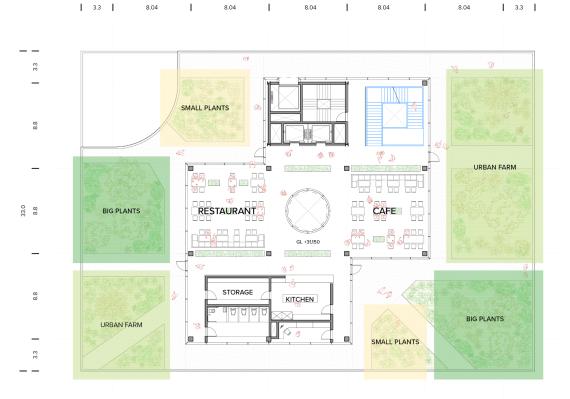
Public Garden

Introduction Research and Findings Research to Re-Design Design Proposal

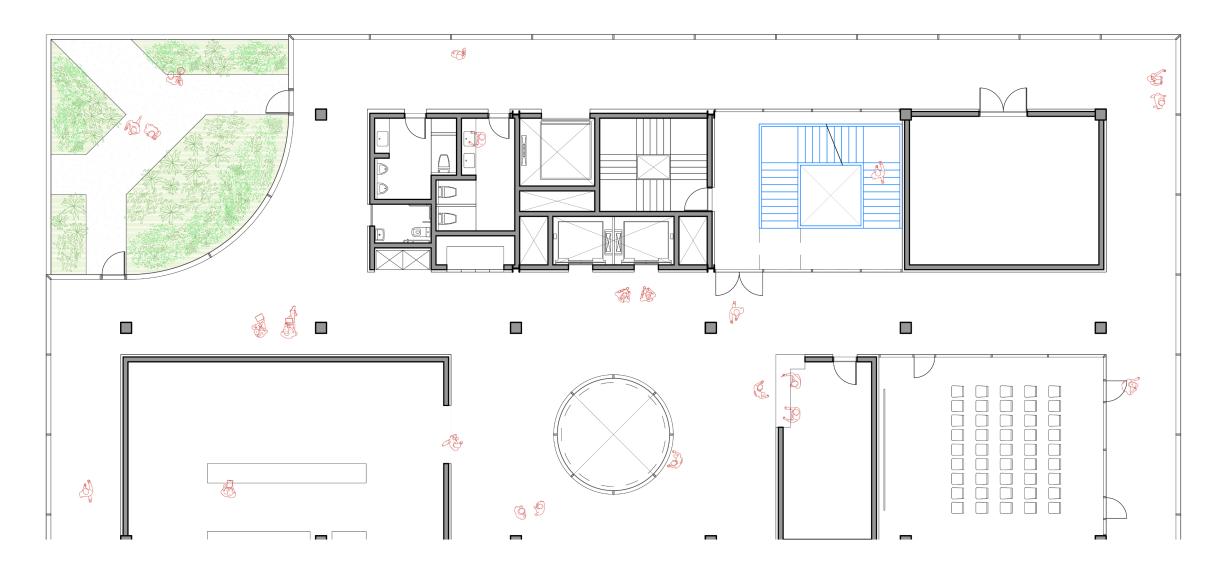


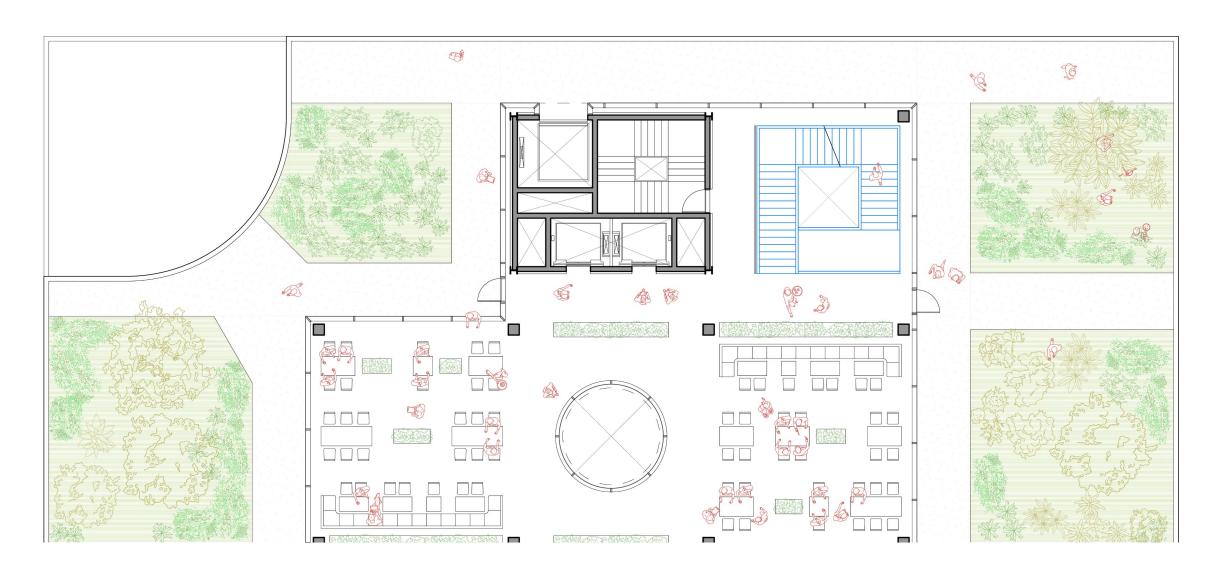


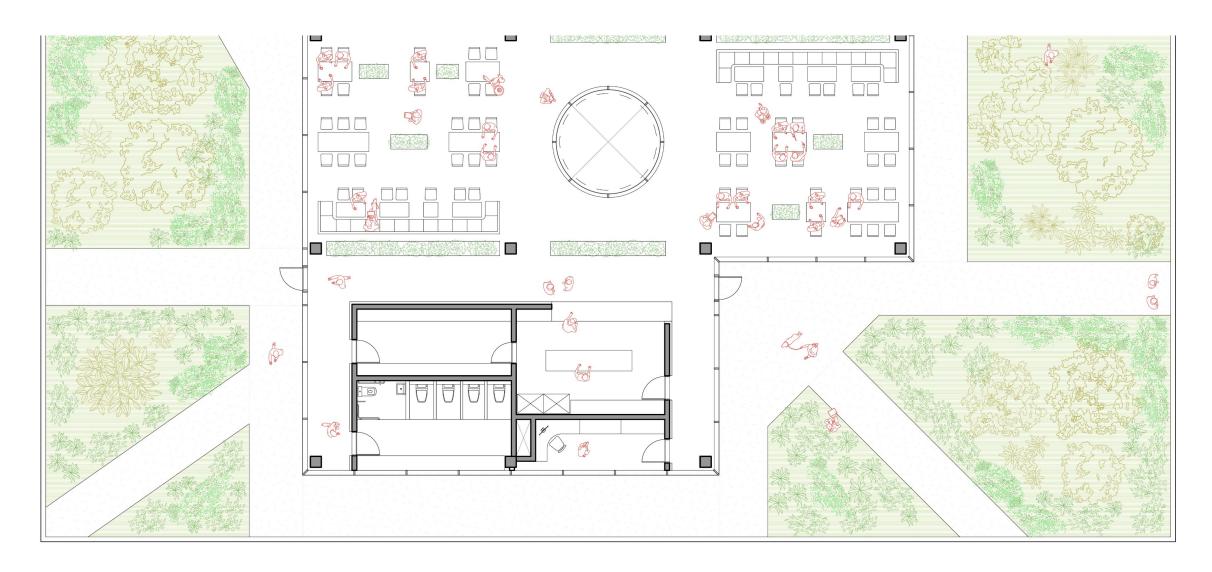




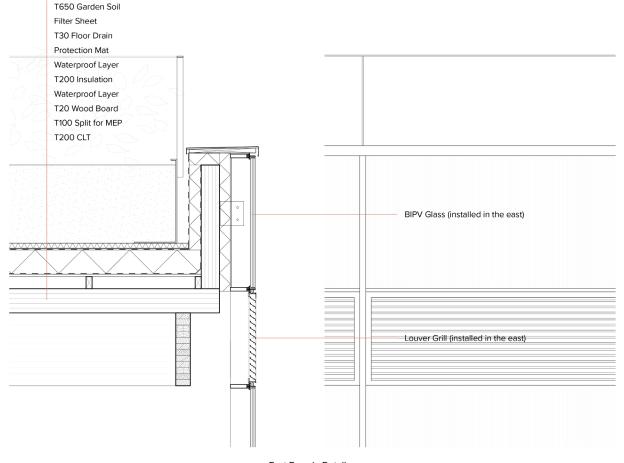
Plan 7F Plan



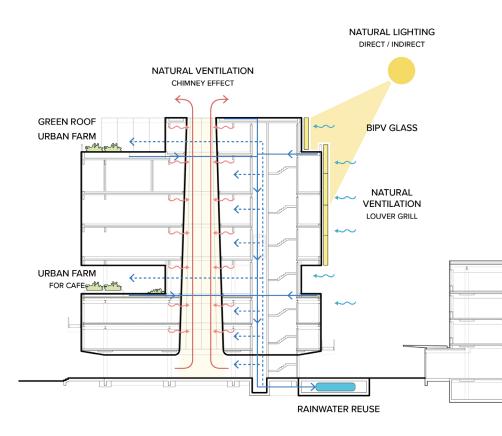




Climate Strategy Research and Findings Research to Re-Design Design Proposal

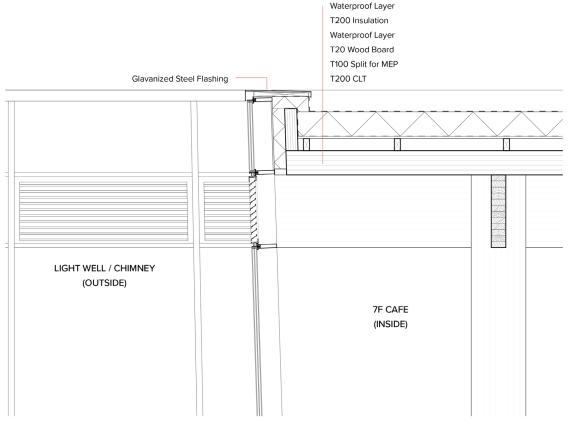


East Facade Detail

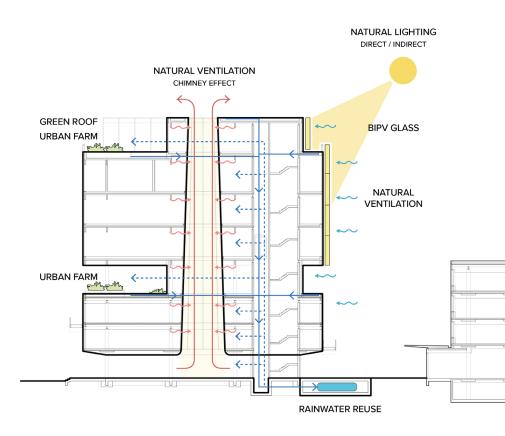


Climate Strategy

Research and Findings Research to Re-Design Design Proposal



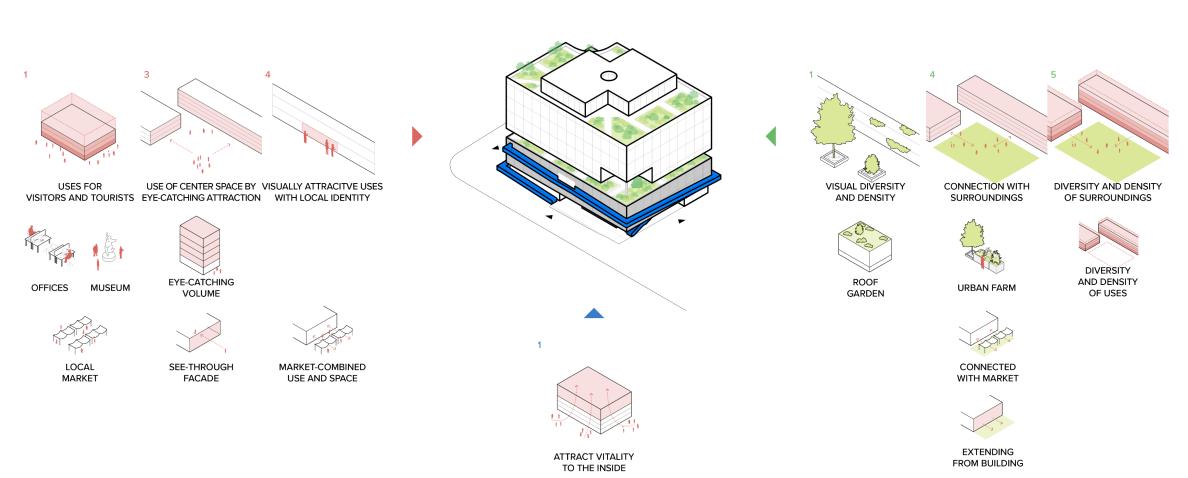
Chimney Curtainwall Detail



"How can the **urban vitality** of the historic square of Plein '40-'45 **be enhanced** while considering **uses** and **green environment**?"



- 1 Attraction
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CONTEMPORARY NEEDS



URBAN CHARACTER AND QUALITY

