

## TECHNICAL DOSSIER

<b>Title of the project</b>	Co-Living
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<b>Title of the course</b>	Final Project Studio70
<b>Academic year</b>	4th
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<b>Department / Section / Program of belonging</b>	The Faculty of Architecture and Urban Planning
<b>University / School</b>	Technion -Israel Institute of Technology



### Co-Living Kibbutz expansion and preservation of its identity

The cooperative settlement form 'kibbutz' is unique in the world. At the core of its concept are the values of solidarity, sustainability, and connection to nature. The rise of the neoliberal approach led to fundamental changes in the cooperative kibbutz lifestyle, creating the 'renewed' (semi-cooperative) kibbutz; a society struggling for its existence and identity. To address the challenges of urbanization and overcrowding, most established kibbutz expansions have resulted in a suburban typology which has eroded the unique kibbutz character. This project focuses on a 'renewed' coastal Kibbutz called Nachsholim, situated on a popular beach. Firstly, and most importantly, it proposes methods to gradually double the kibbutz's population while preserving a sense of community and the natural surroundings. The proposed construction typologies create spaces that enhance interpersonal as well as 'inter natural' encounters. In addition, connected living units and peripheral parking will be used to naturally prevent gentrification. Secondly, my goal is to bring the exterior coastal landscape into the kibbutz, merging it with its typical grass lawns and pastoral gardens. Finally, I intend to expand the coast buffer offering public access to the beach to more evenly balance the space shared by kibbutz members and visitors.

I believe that increasing the population and economic opportunities will create a sustainable living space that reduces commuting. Preserving the kibbutz concept and adapting it to the modern era will invite people to be more involved, connected and actively responsible for their living spaces, together.

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### 12th International Biennial Landscape Barcelona

Barcelona November 2023

**SCHOOL PRIZE**

# Co-Living

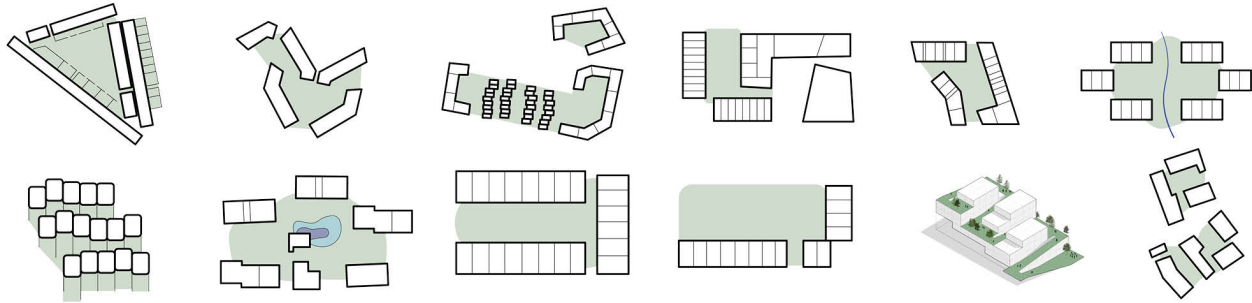
## Kibbutz expansion and preservation of its identity



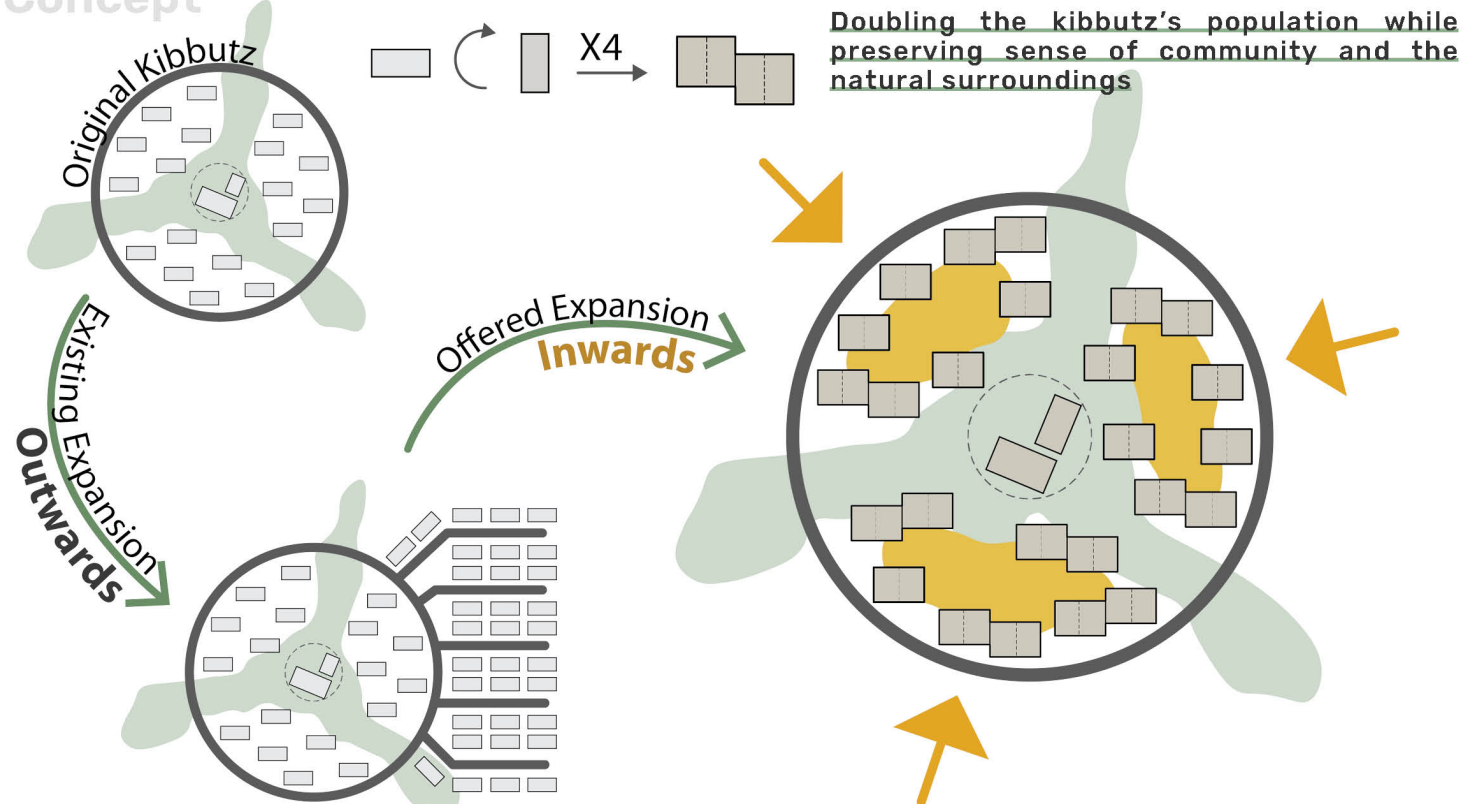
Original Kibbutz Landscape

Current Kibbutz Expansion Configuration

### Co-Living Variations Global Examples



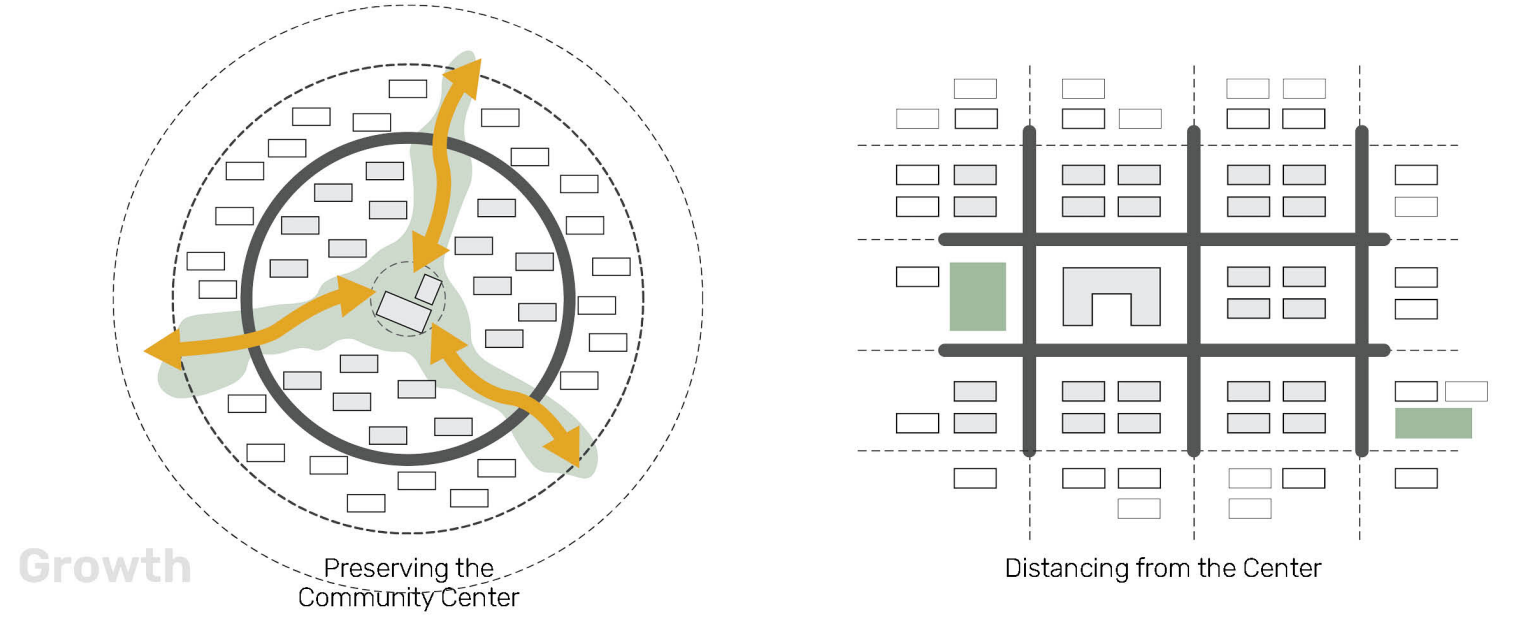
### Concept



### Kibbutz

Vs

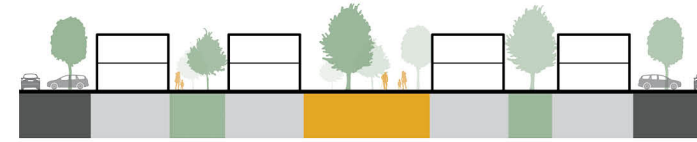
### Suburb



Growth

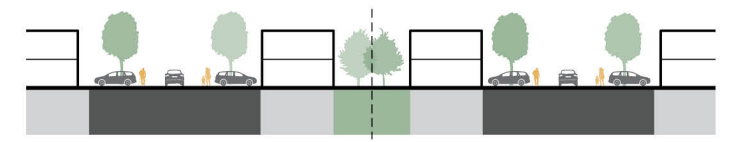
Preserving the Community Center

Distancing from the Center

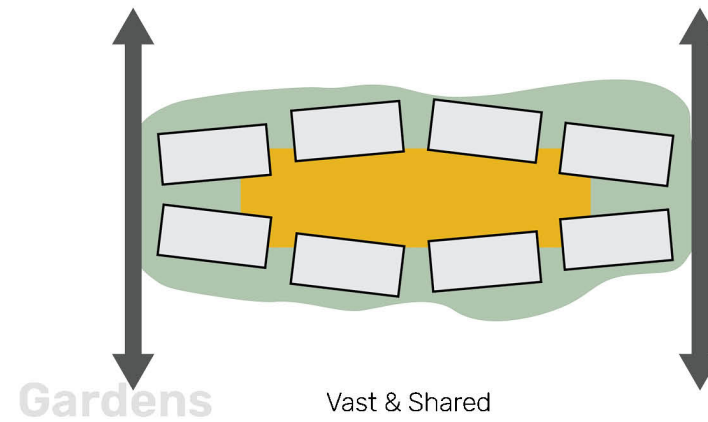


Structure

Gardens

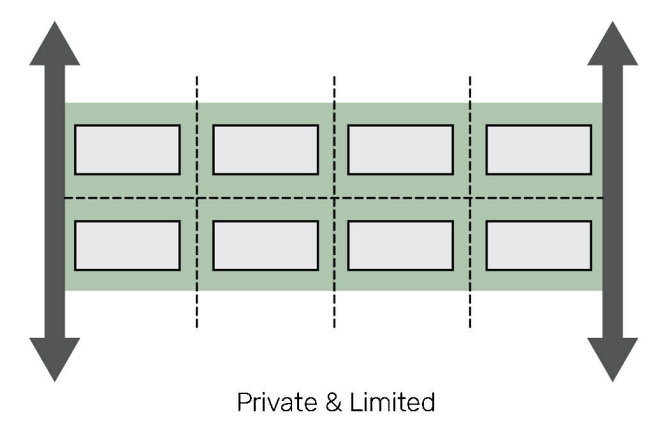


Streets

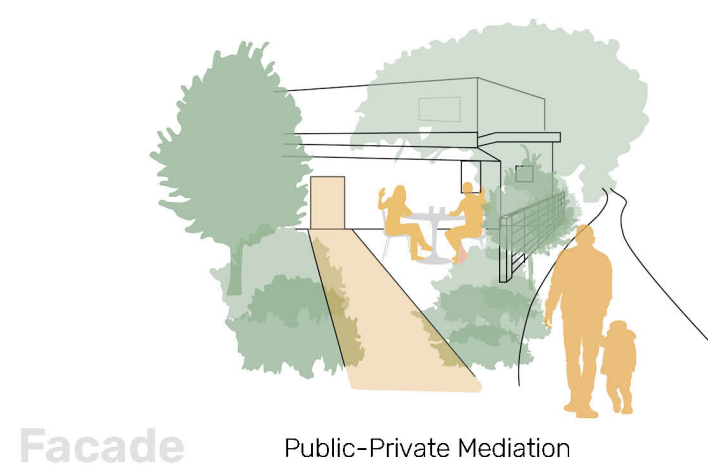


Gardens

Vast & Shared

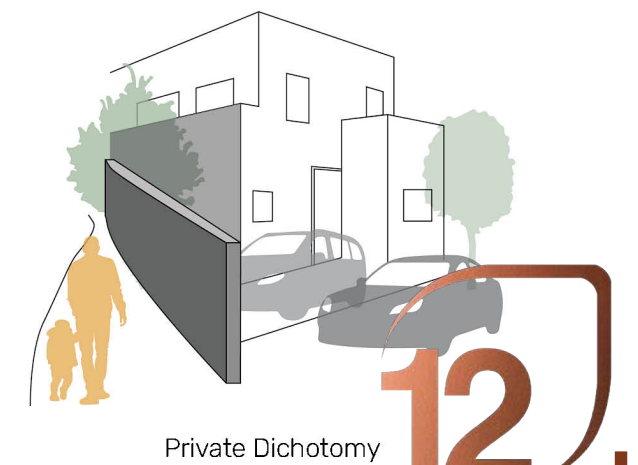


Private & Limited



Facade

Public-Private Mediation



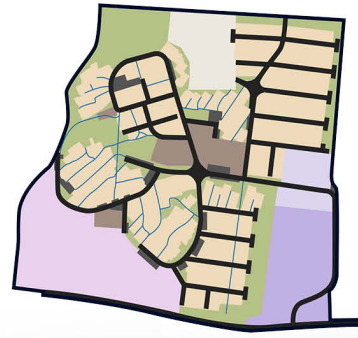
Private Dichotomy



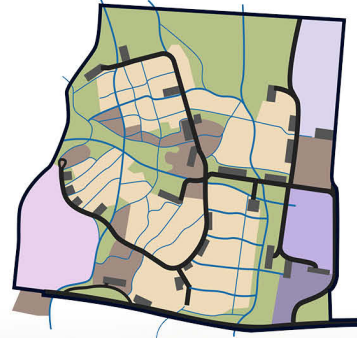
Existing State Kibbutz Nachsholim



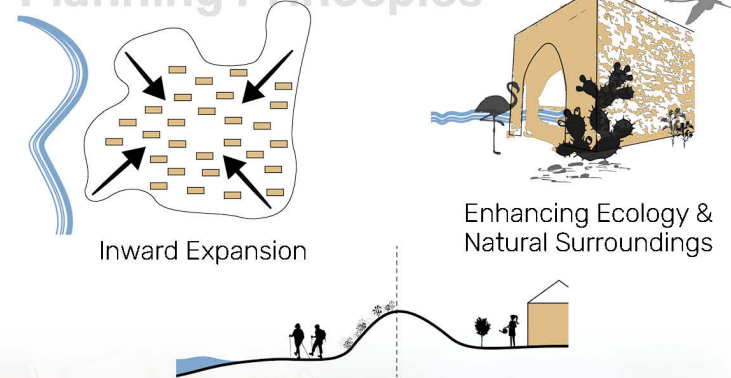
Existing Masterplan - Land Use



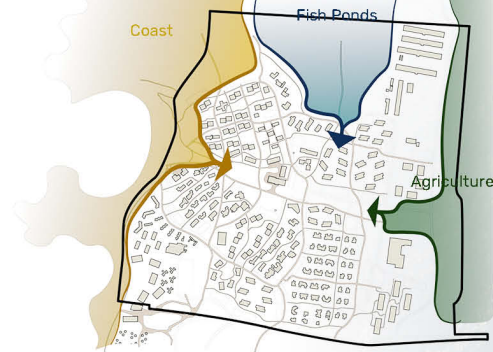
Proposed Masterplan - Land Use



### Planning Principles



Bringing Exterior Landscape Inside



### Kibbutz Nachsholim Master Plan

- Existing Building
- Proposed Building
- Existing Tree



- Residence
- Open Space
- Factory
- Industry
- Hotel
- Public
- Offices
- Road
- Path

Hierarchy of Open Spaces (Conceptual)

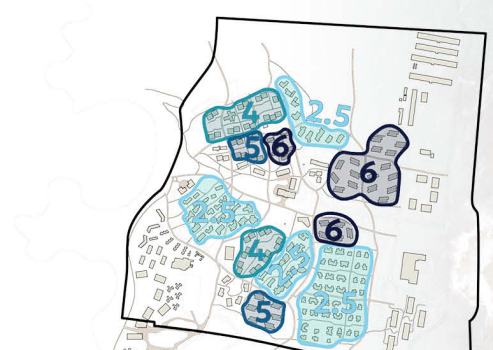


- Shared Gardens
- Locals
- Visitors

Numbers Of Floors



Density (Units Per Dunam)

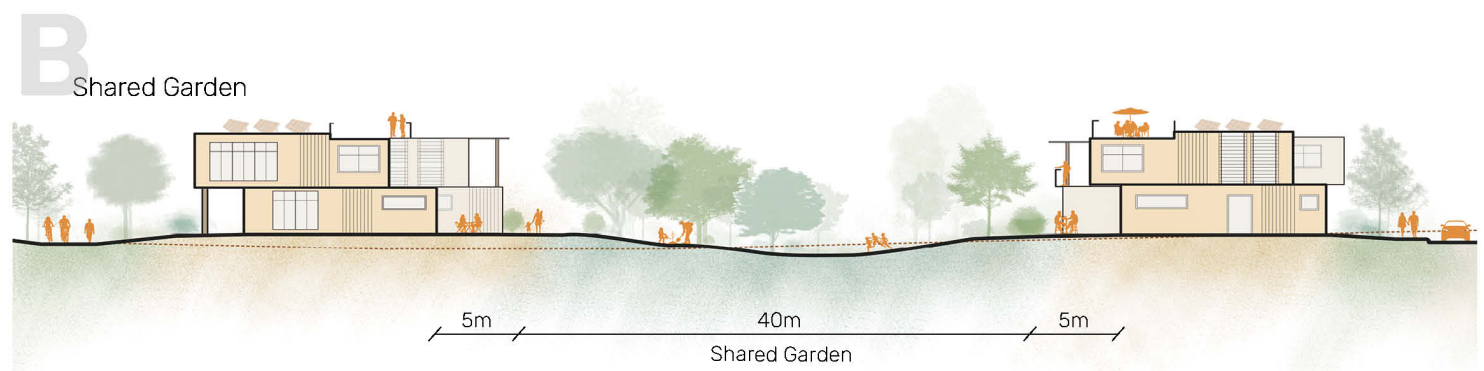
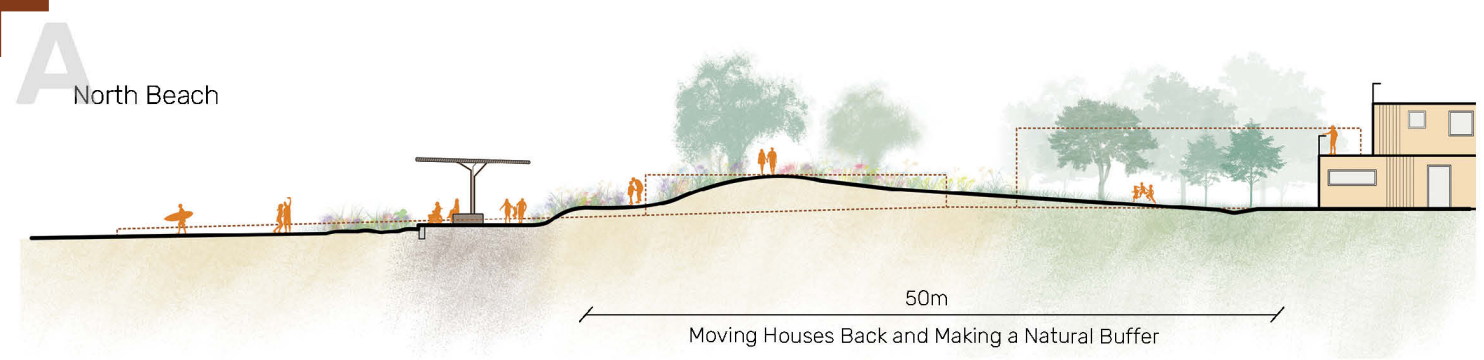


0 75 150

225 300 M



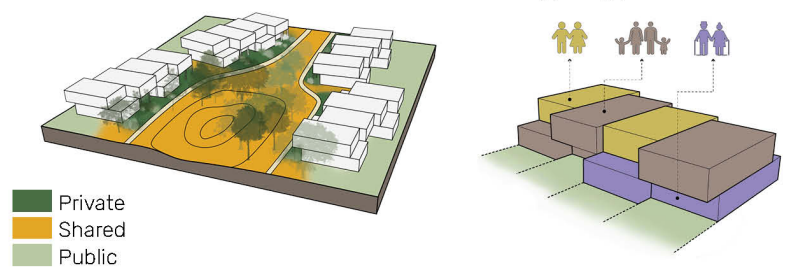




Shared Garden - Mediation Between Private and Public

Garden Hierarchy

Modular Living Units Typology



North Beach Model - Old Blending with New



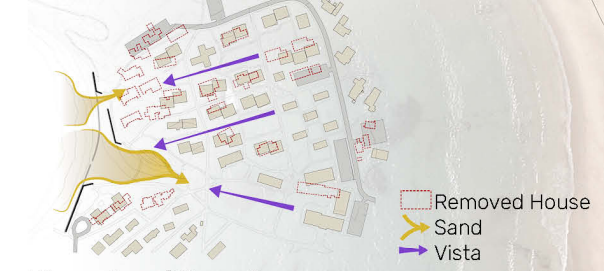
North Beach Public Path



Existing State with Wind Direction **North Beach Plan**



Opening the Wall for Sand and Vistas



Hierarchy of Open Spaces



Water Management

