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*ARCH 1105: Reinventing
Referinghausen*

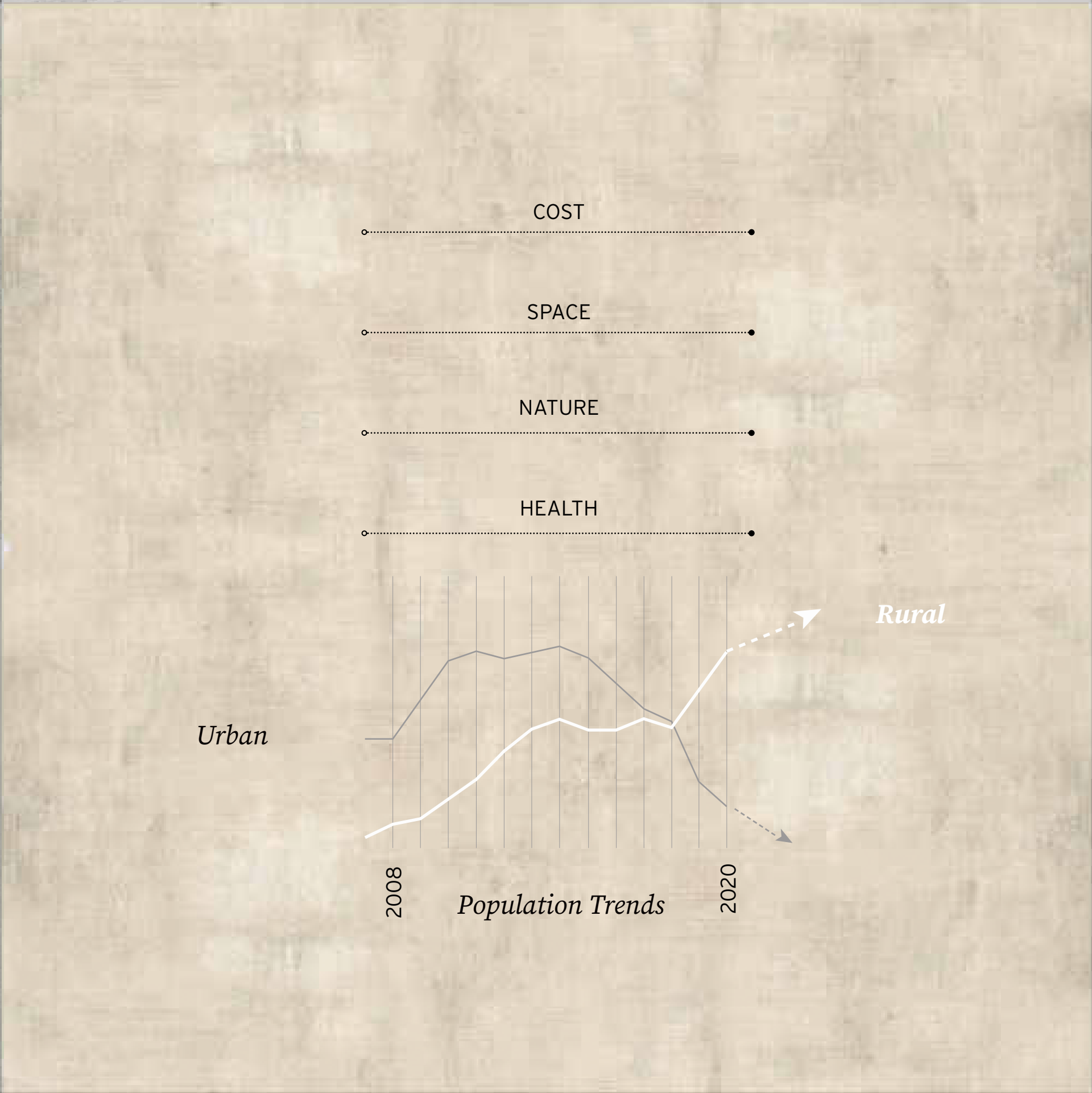
Fall 2022

Digital Studio

**IMAGINING A RURAL COMMUNITY
SPACE FOR WORK AND GATHERING**

RURAL MIGRATION

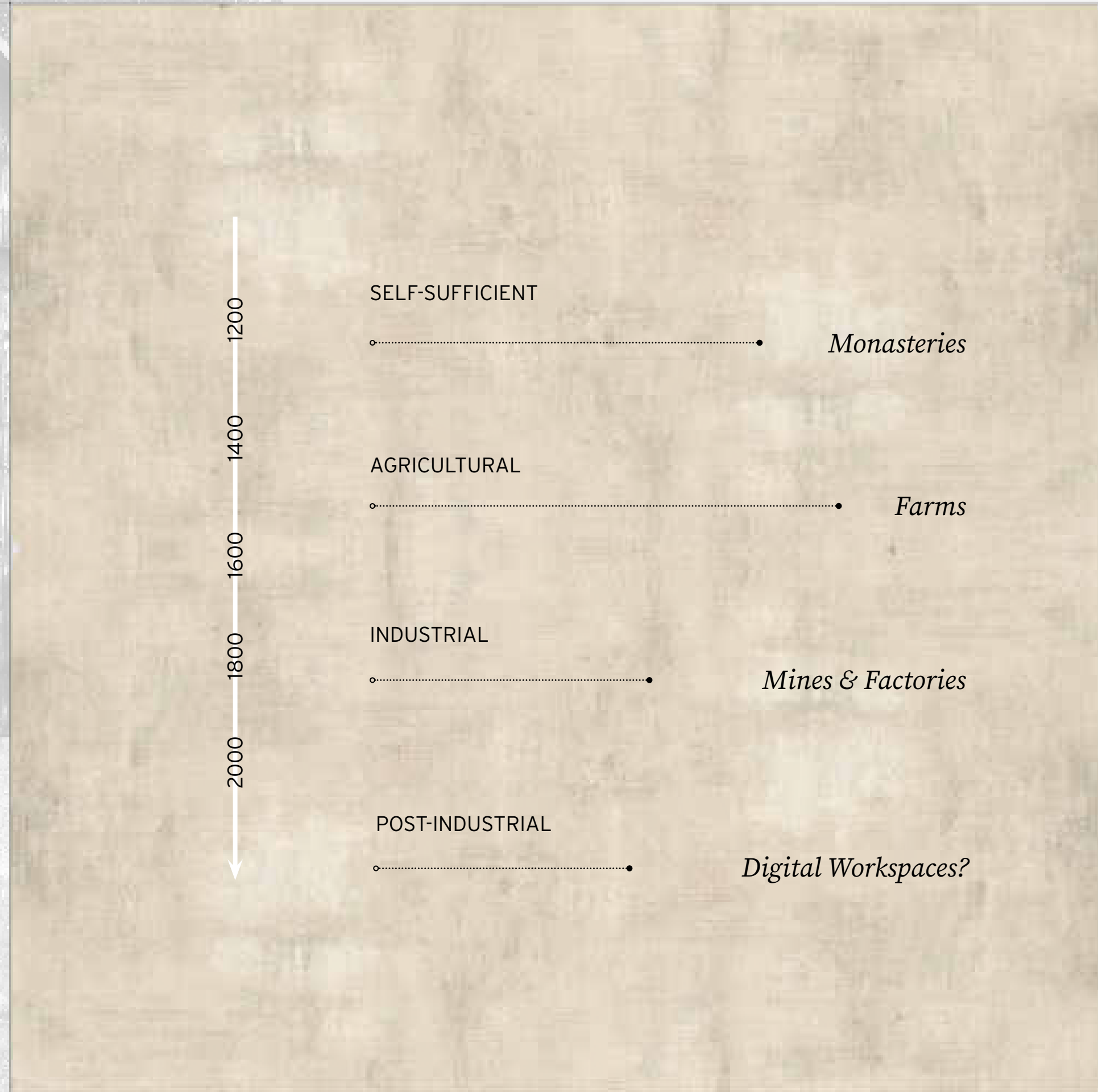
Spurred by both 'push' and 'pull' factors, Germans have increasingly moved to rural areas over the past decade





RURAL WORK

In today's post-industrial economy, digital-based work could represent the next generation of employment in rural areas





COLLABORATIVE WORKSPACE ADVANTAGES

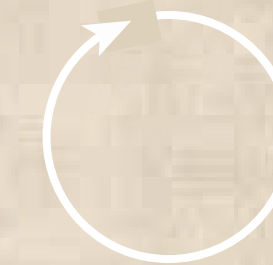
Drawing from a long line of rural architectural communal typologies, collaborative digital workspaces can synthesize the benefits of homeoffice, traditional workplaces, and proximity to nature.

Home

FLEXIBLE
AFFORDABLE
NO COMMUTE
ACCESS TO FAMILY
CUSTOMIZABLE

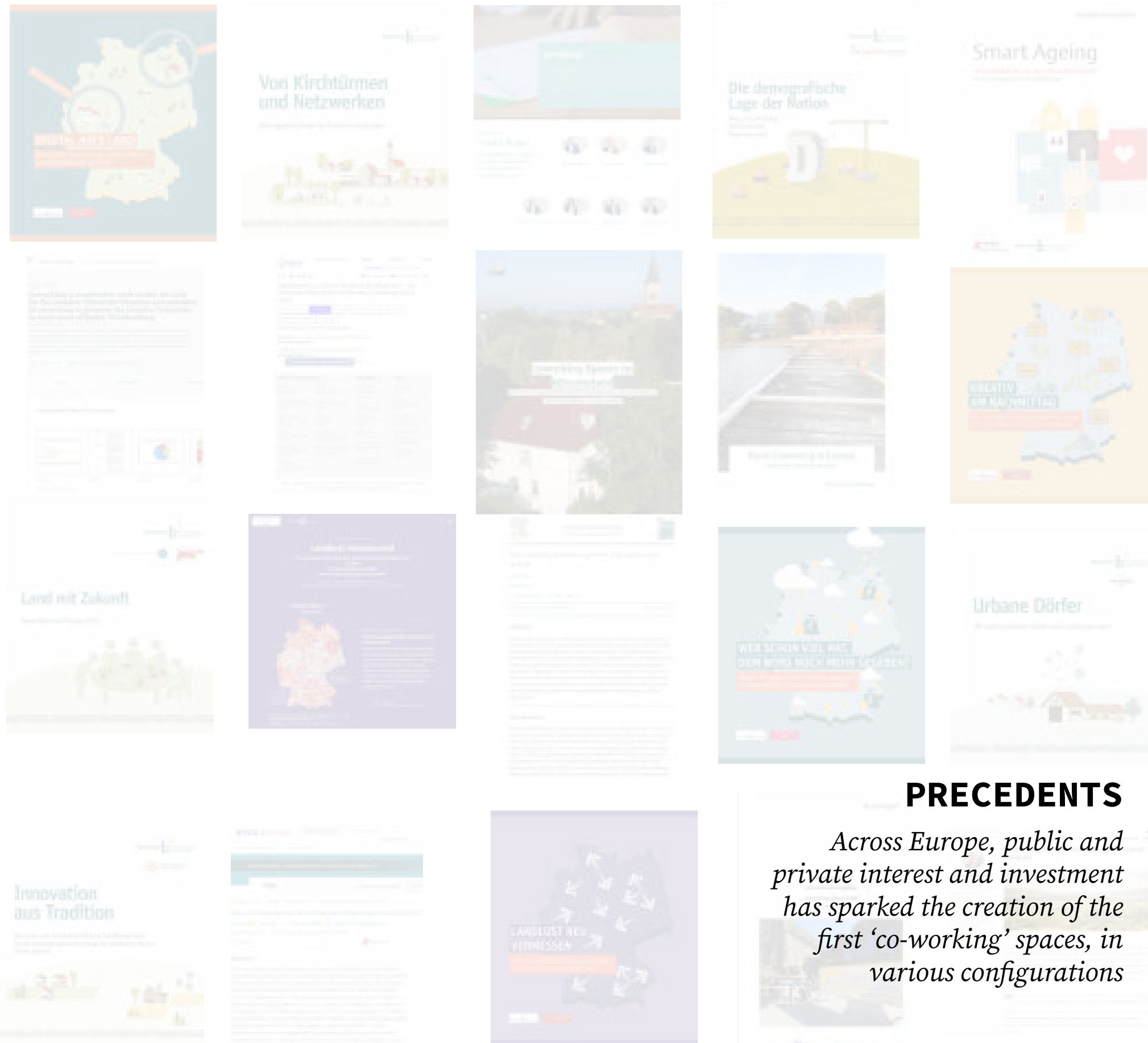
Office

COMMUNAL
SHARED RESOURCES
PROFESSIONAL
SHARED KNOWLEDGE
BOUNDARIES



Nature

QUIET
RESTORATIVE
RECREATION
HEALTH
VIEWS



PRECEDENTS

Across Europe, public and private interest and investment has sparked the creation of the first 'co-working' spaces, in various configurations



USER GROUPS

Given the relatively low population density in rural areas, co-working spaces must serve a diverse group, accommodating both high- and low-tech employment, locals and tourists, etc.

Long - Term Use

FULL - TIME REMOTE WORKER *(use as a permanent office)*
PART - TIME REMOTE WORKER *(use as an occasional office)*
SMALL BUSINESS OWNER *(use as an office and point of sale)*
COMMUNITY MEMBER *(use for educational and gathering functions)*

Medium - Term Use

FREELANCER / DIGITAL NOMAD *(use to work for few months)*
REFUGEE *(use to stay, learn, work, and integrate into community)*
WORKATION *(use as setting to work in 'retreat' format)*

Short-Term Use

GROUP WORK RETREAT *(use for small company to work/relax)*
TOURIST *(use for occasional work day while on vacation)*
THRU-HIKER *(use to stay, use computer, receive packages)*

FUNDING
A diverse set of people also opens possibilities to a variety of funding sources, including businesses, government, and individual users, both local and regional.

Government

FUEL REIMBURSEMENTS
(in lieu of commuting; promoting sustainability)

LOCAL ECONOMIC INVESTMENT
(for use to promote community spaces)

WORKFORCE DEVELOPMENT
(use for educational programs)

REFUGEE HOUSING
(to provide short-term housing and integration)

Companies /

COMPANY SUPPLEMENTS
(in lieu of office space; providing tables, chairs, desks, etc.)

PARTNERSHIPS
(to encourage collaboration)

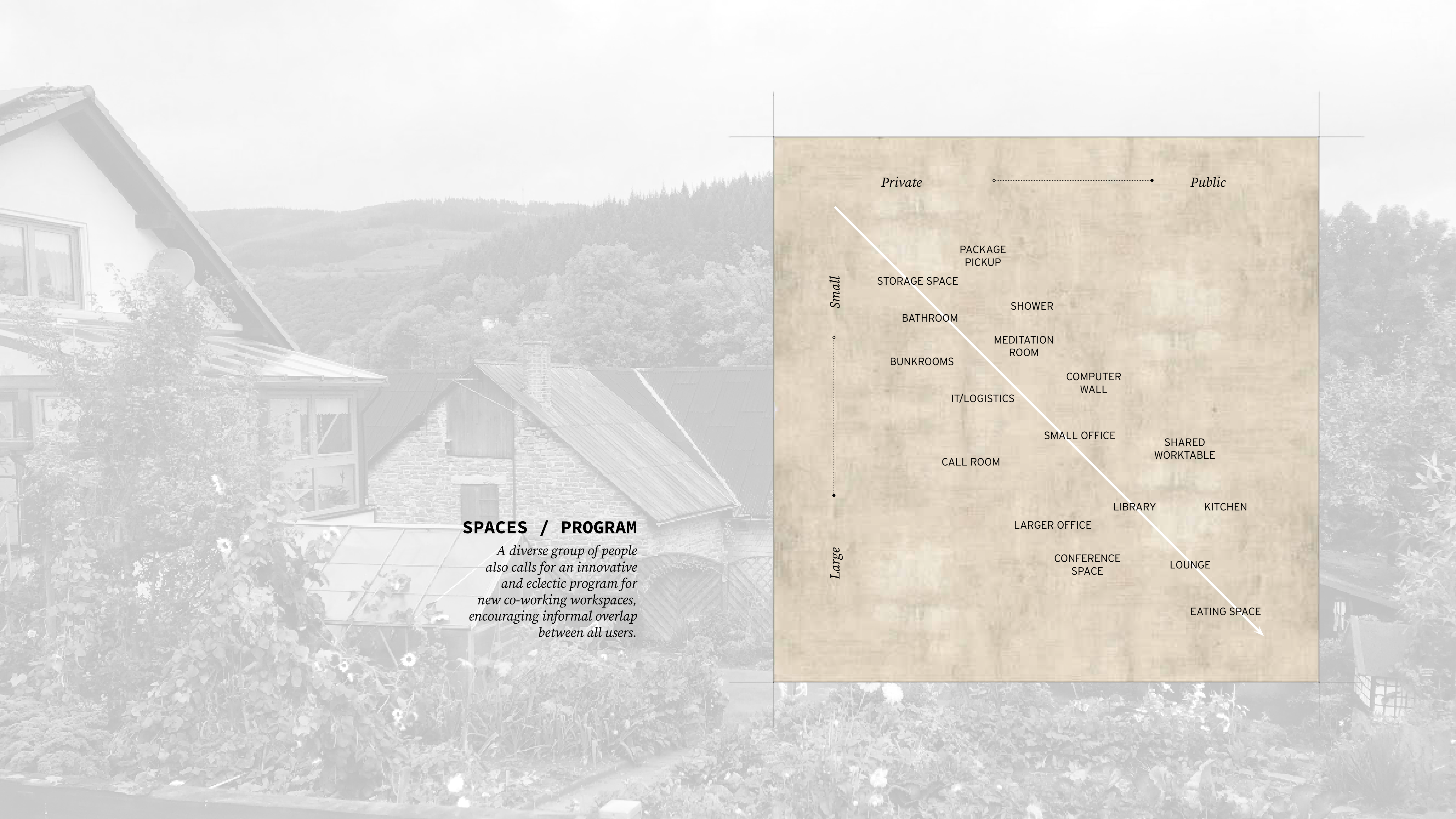
RETREAT FUNDING
(by encouraging work retreats and/or sponsorship)

Individuals

WORKSPACE USAGE FEES
(rent out for offices, desks, and gathering rooms)

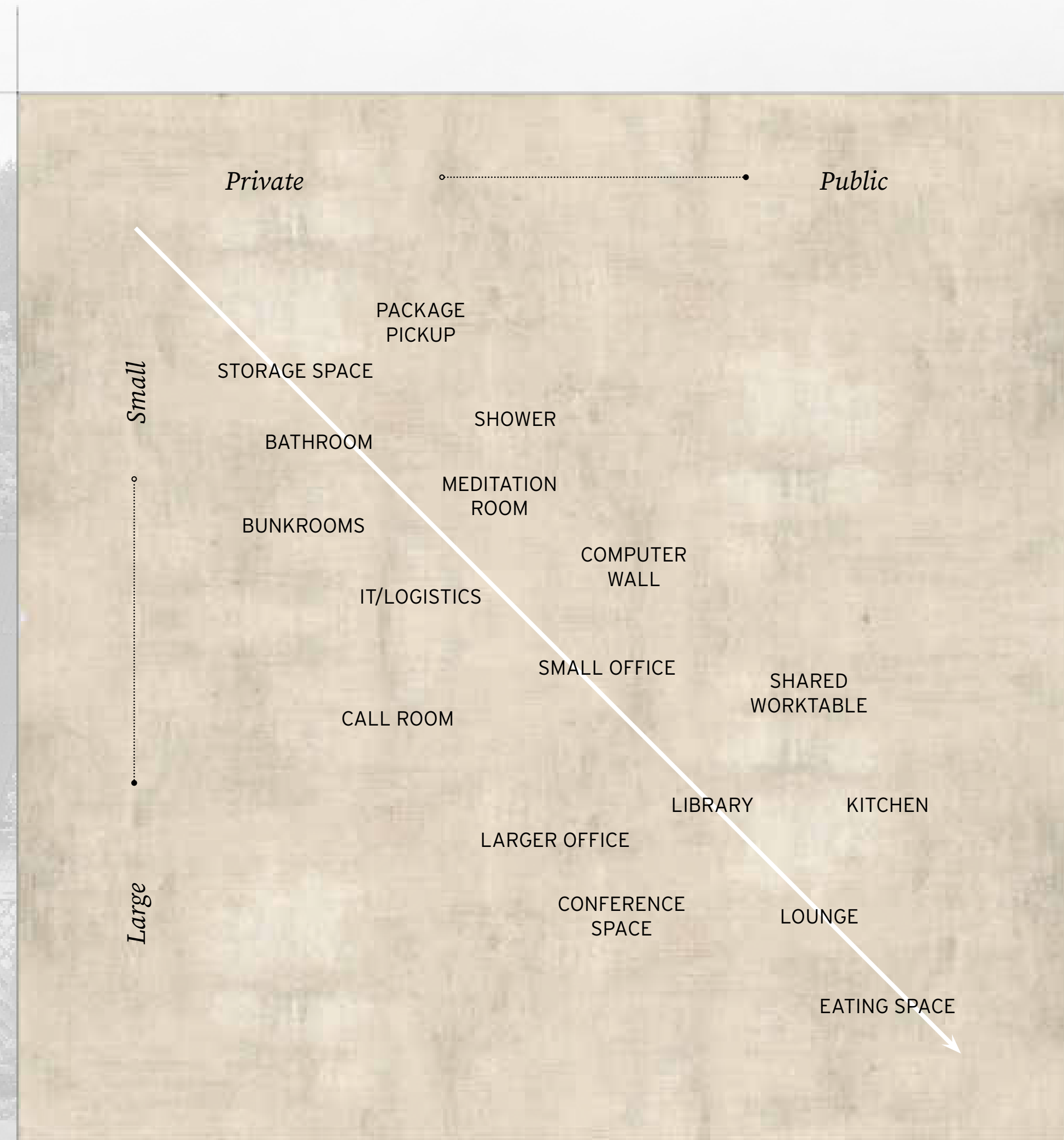
LODGING FEES
(for use of showers and/or sleeping quarters)

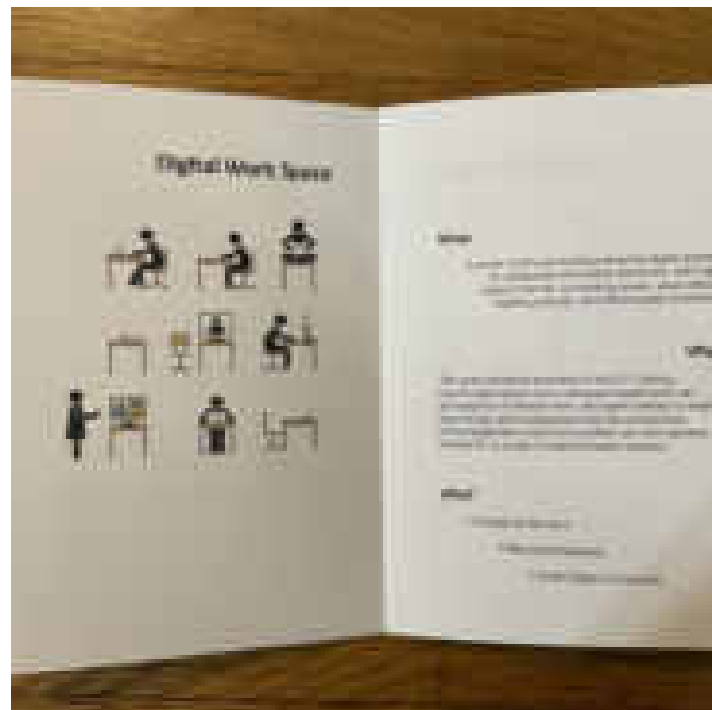
COOKING FEES
(encourage use as a community kitchen)

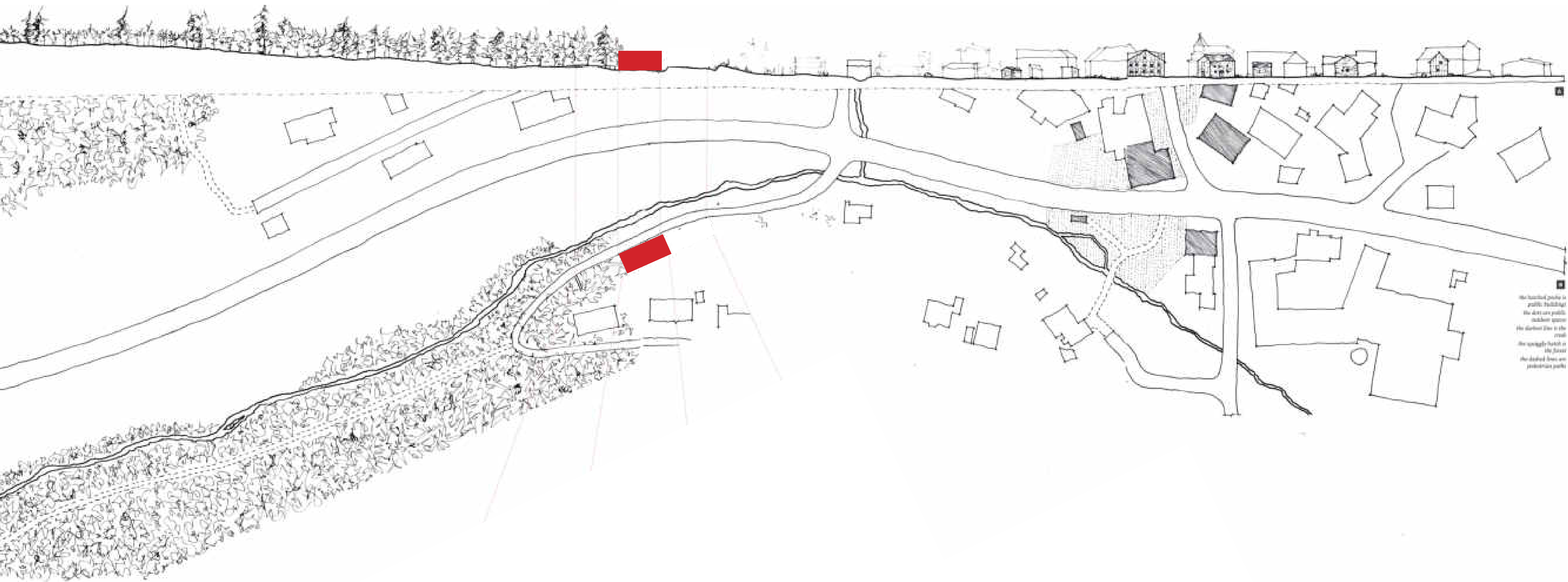


SPACES / PROGRAM

A diverse group of people also calls for an innovative and eclectic program for new co-working workspaces, encouraging informal overlap between all users.

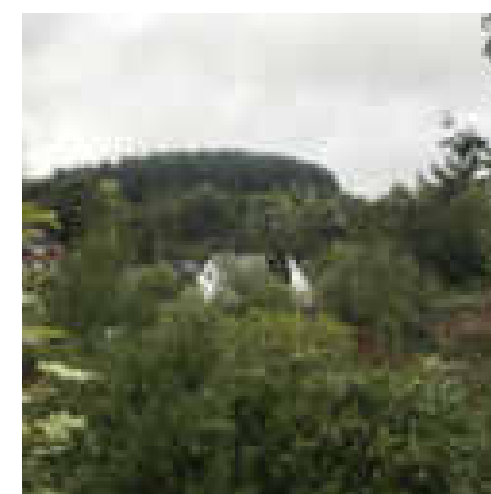
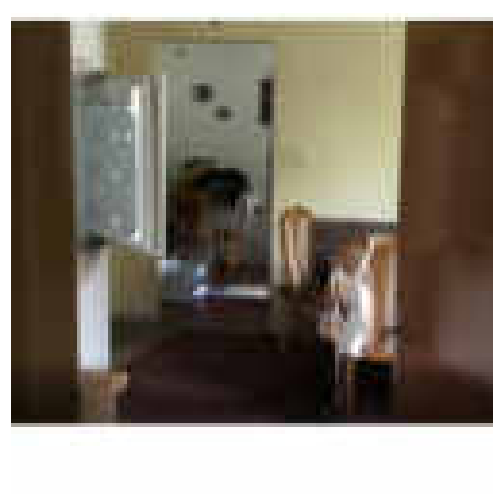
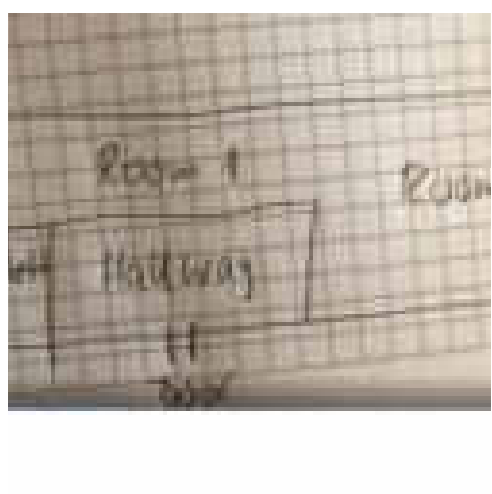
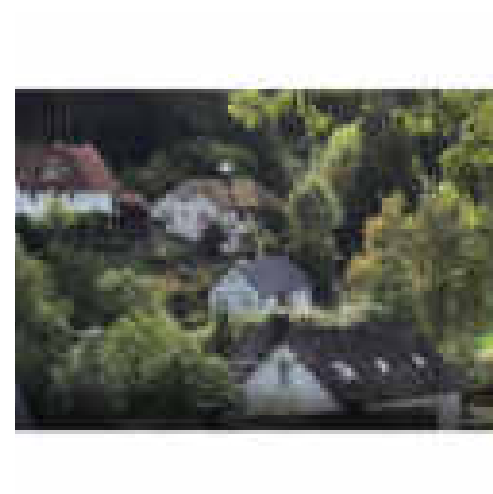
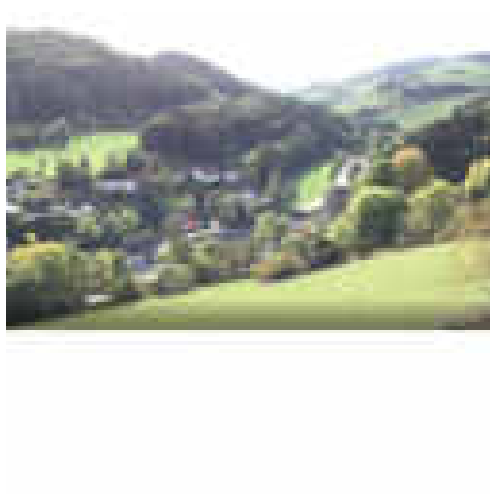
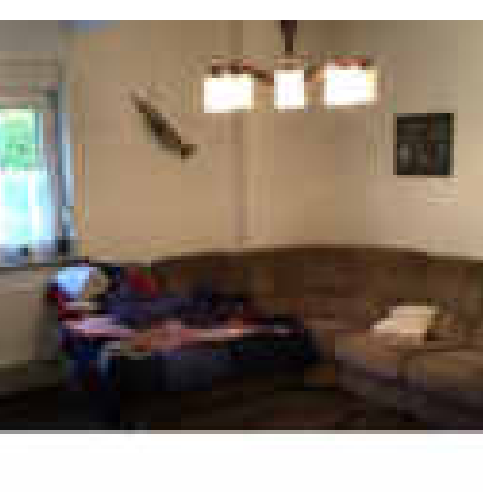
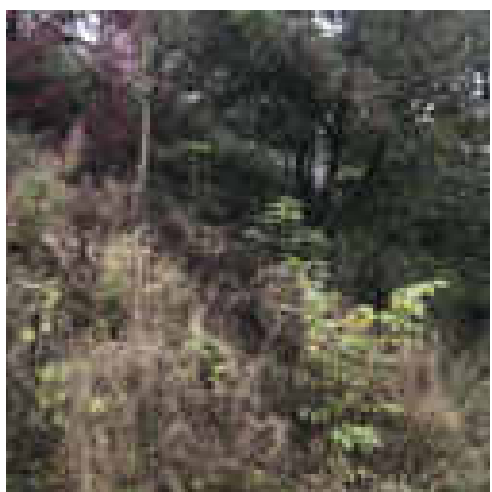
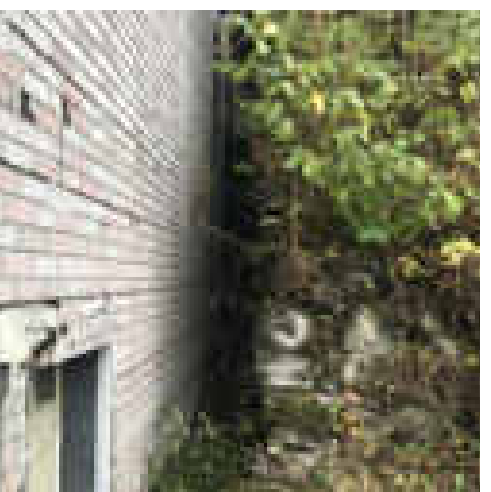






the hatched areas in
public buildings
the grey areas public
outdoor spaces
the dotted line is the
road
the wavy line is the
river
the dashed line is
the drainage path







Referinghausen/Rothmannsland





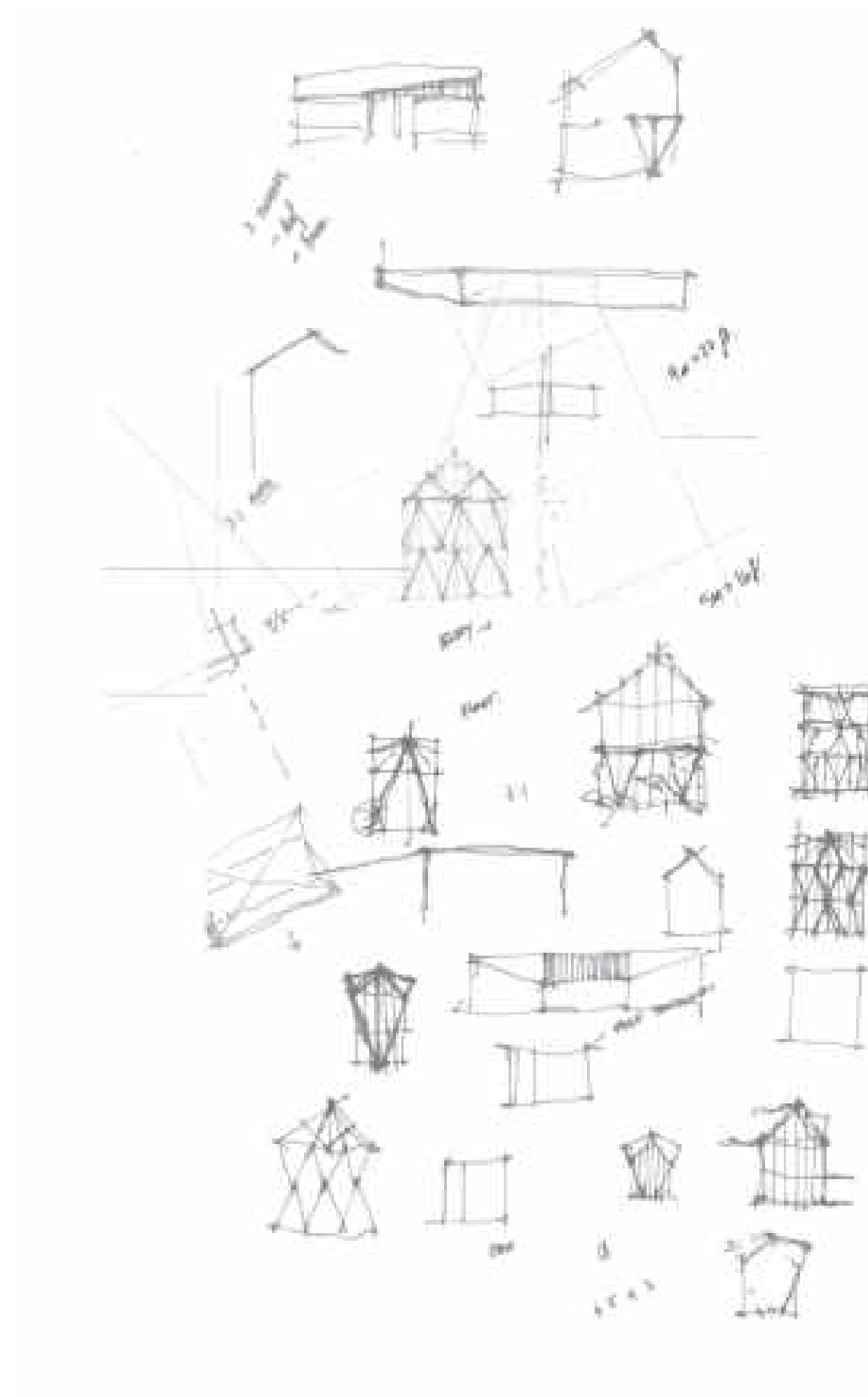


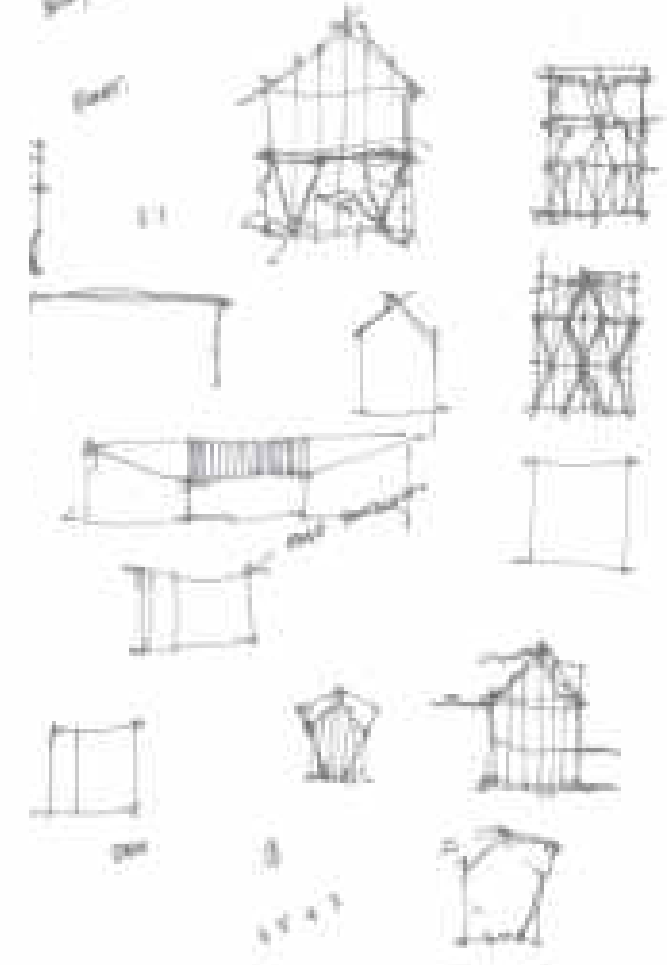
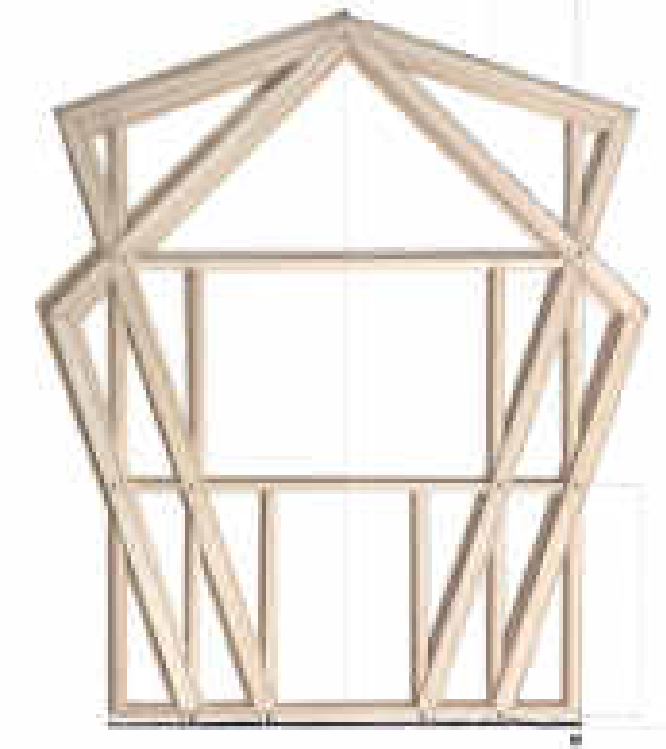
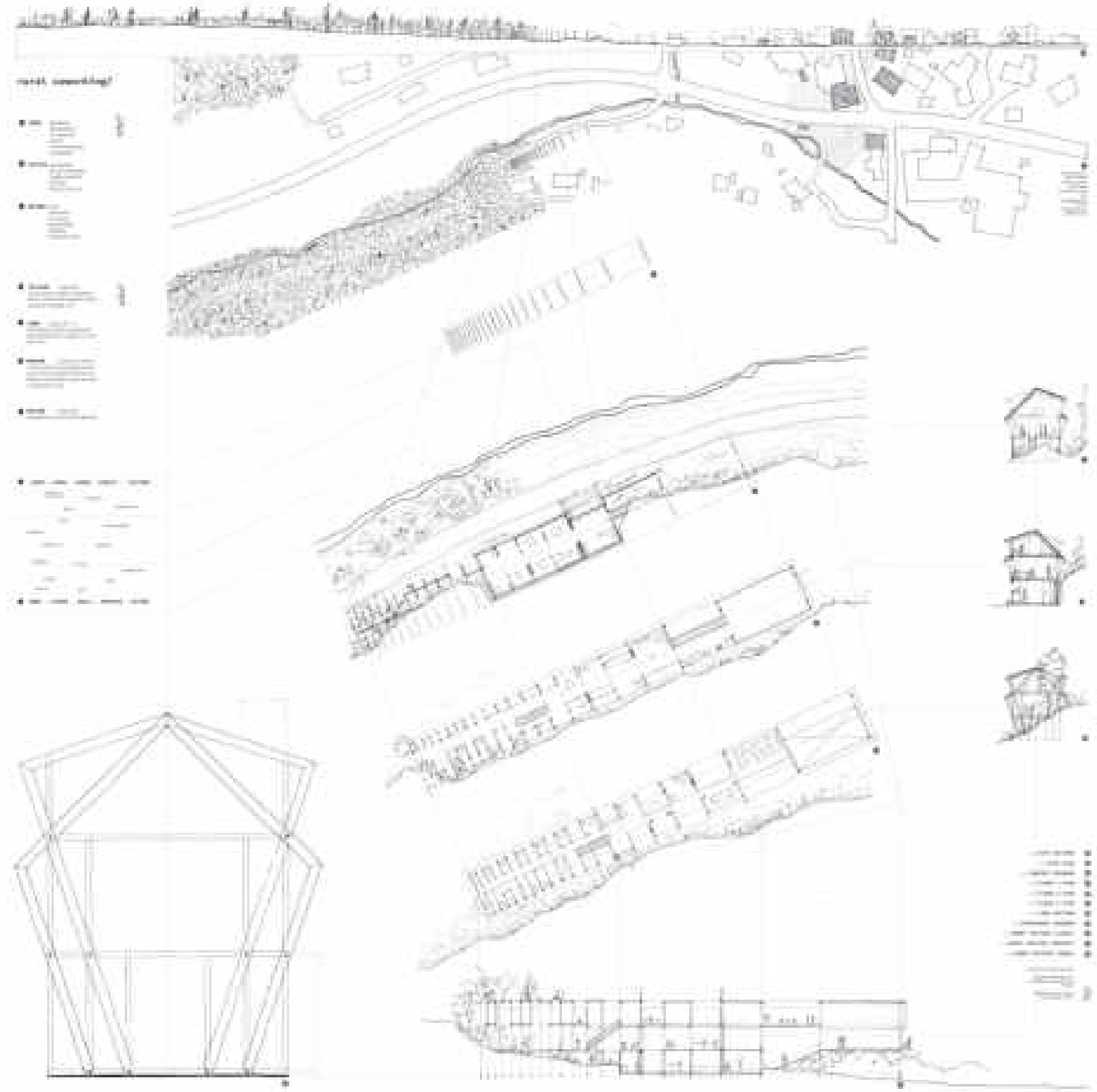


All hatched areas are
public buildings
The area with public
building space
The dashed line is the
road
The stippled areas are
the forest
The dotted lines are
public roads



All hatched areas are
public buildings
The area near public
buildings is
the urban line in the
plan
The hatched areas in
the plan
The hatched areas are
public buildings

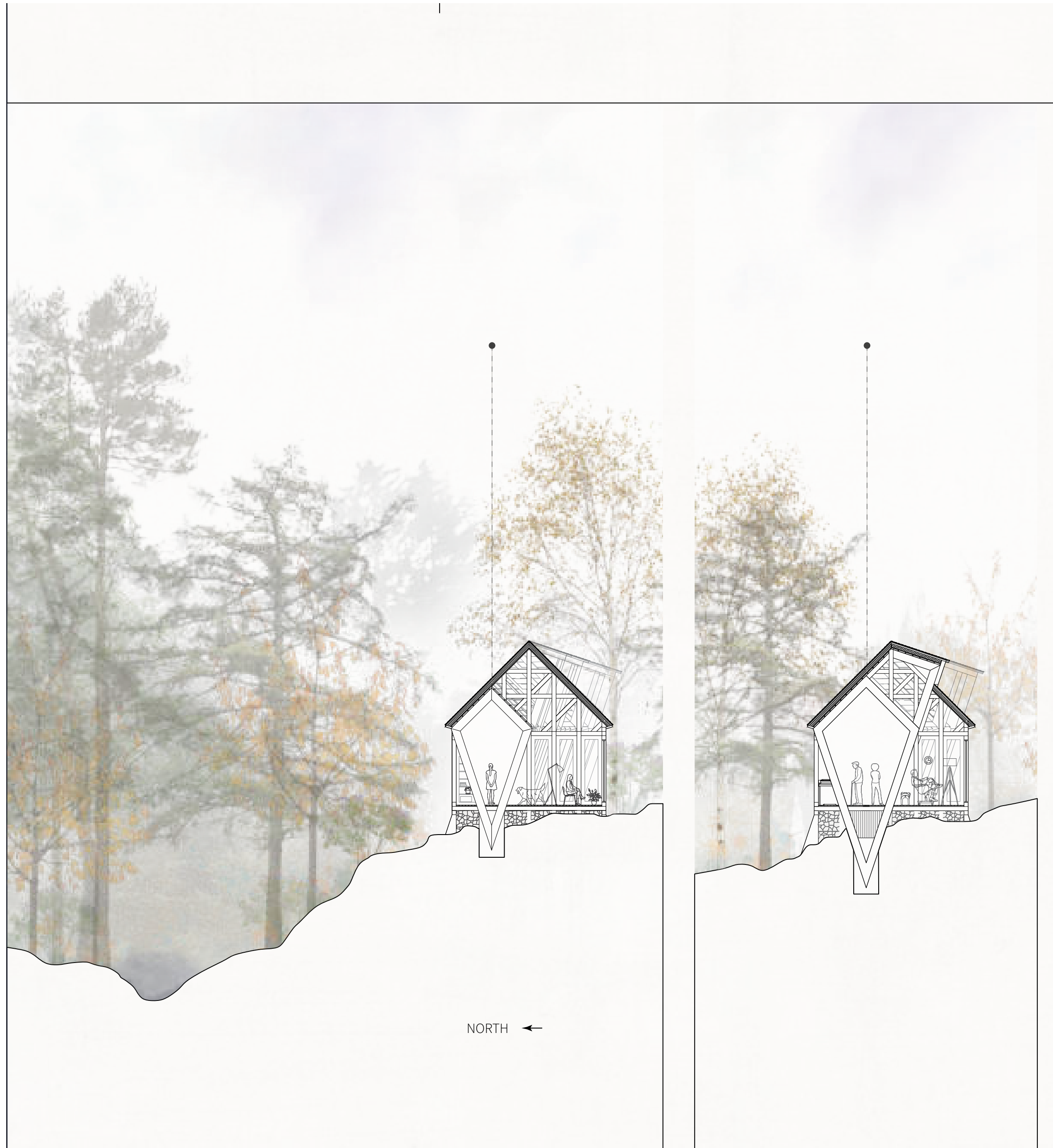


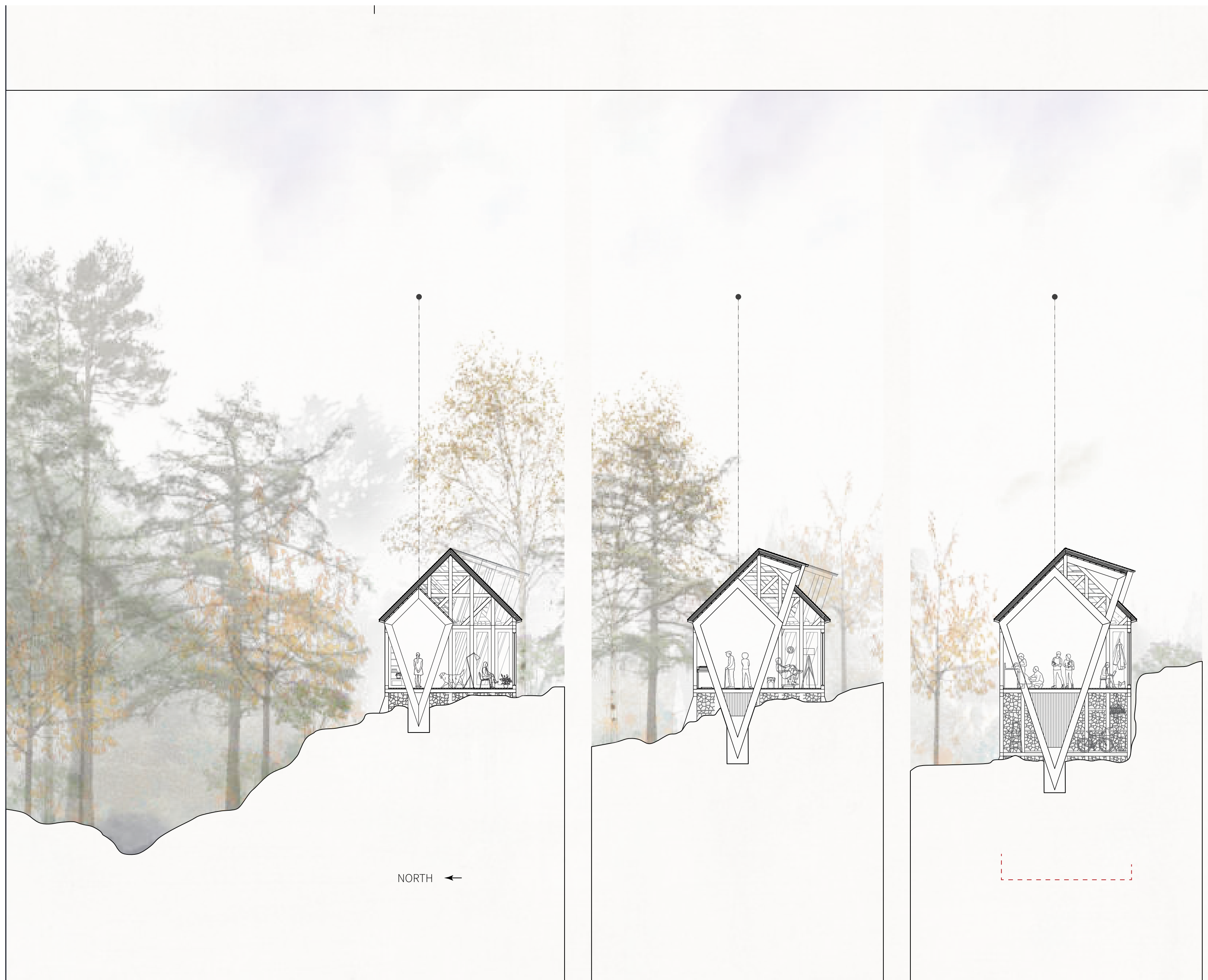






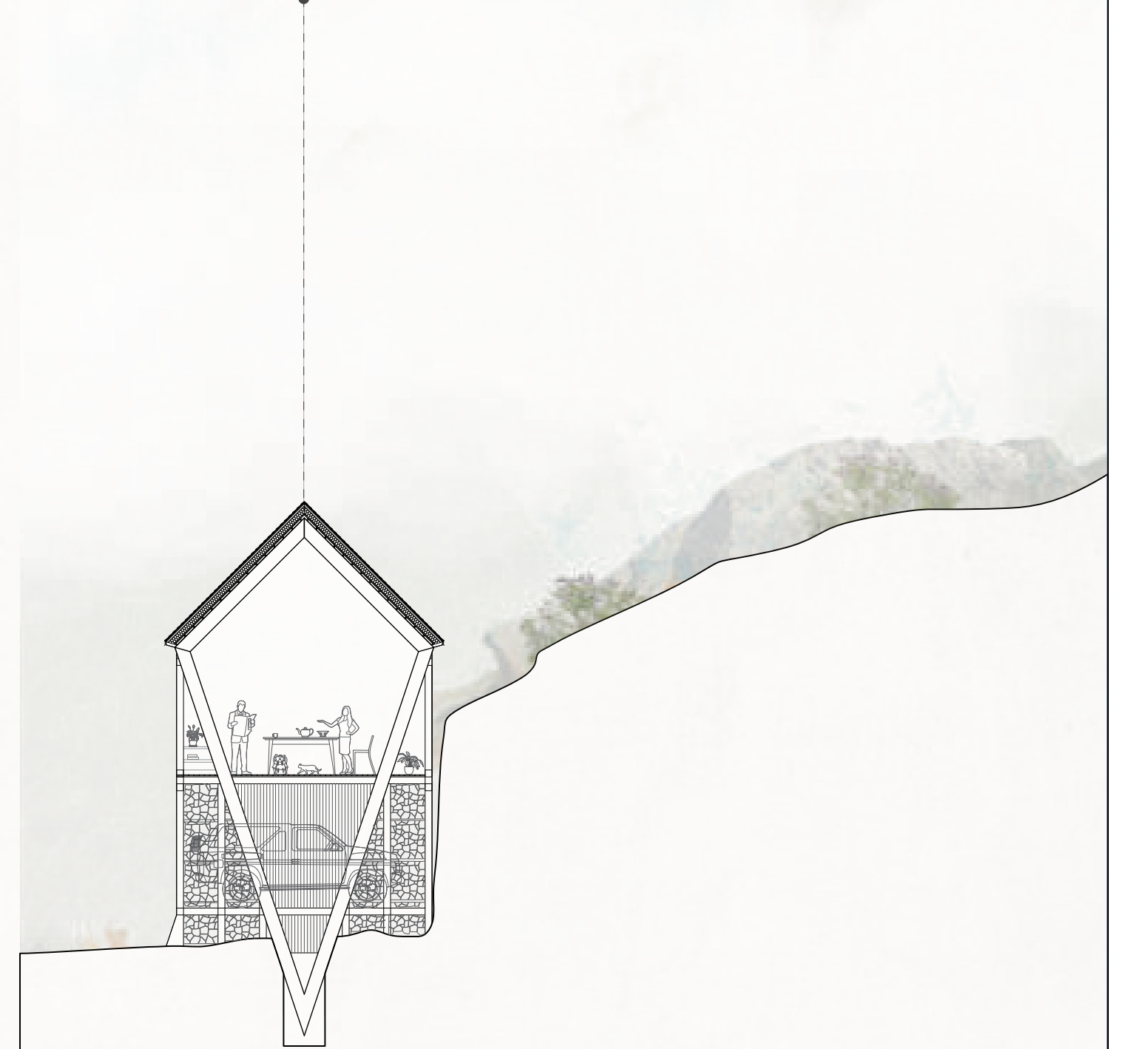
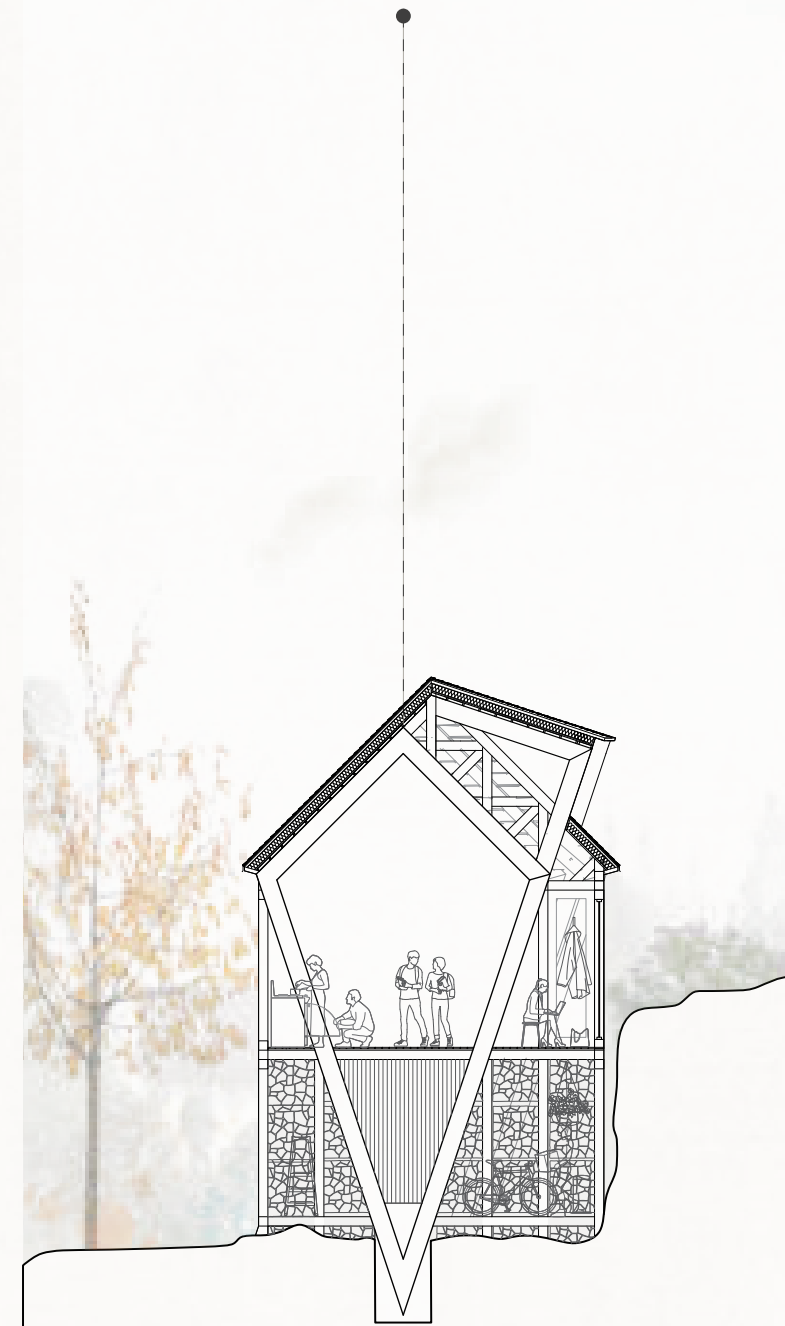


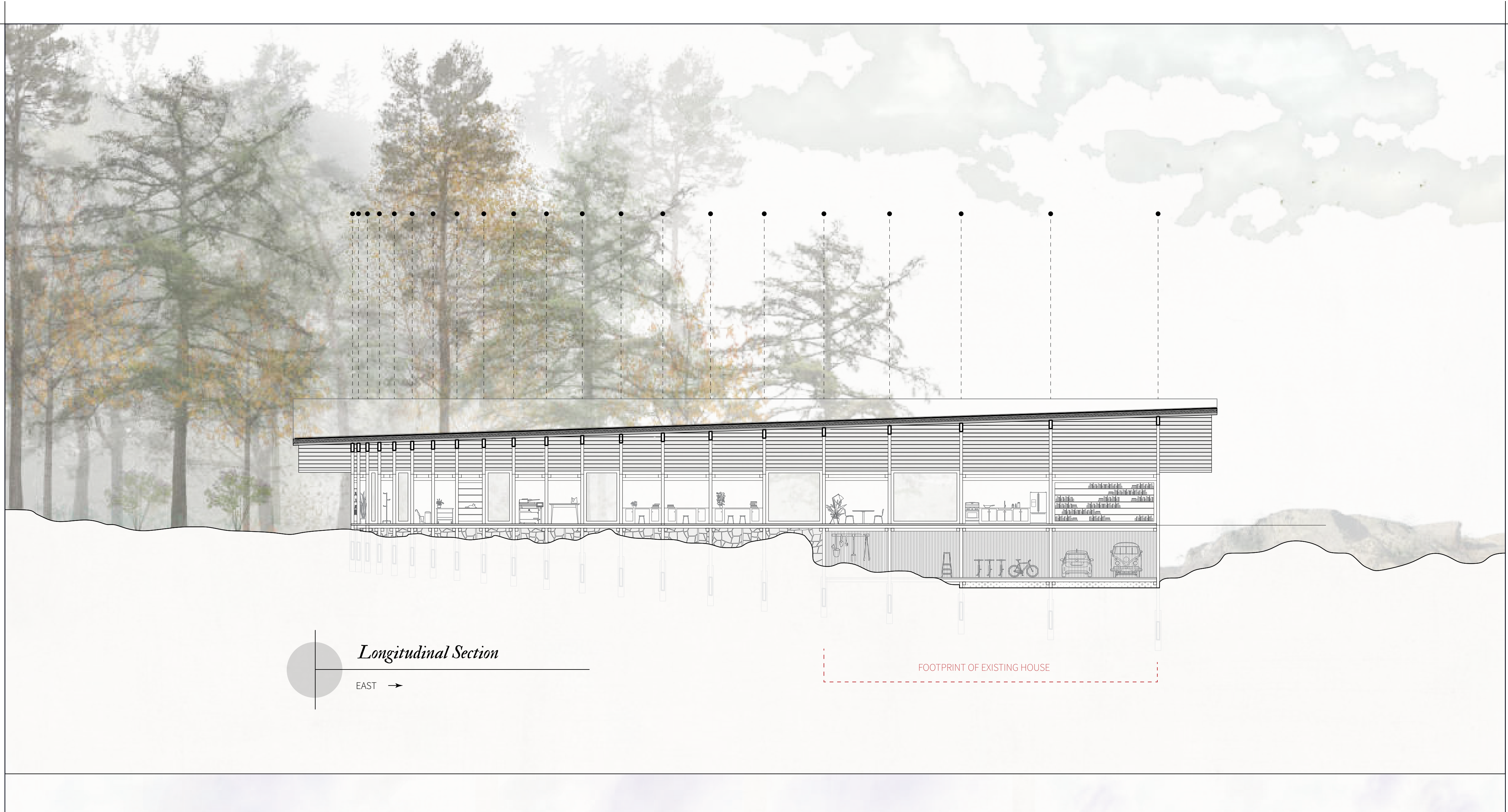






NORTH ←

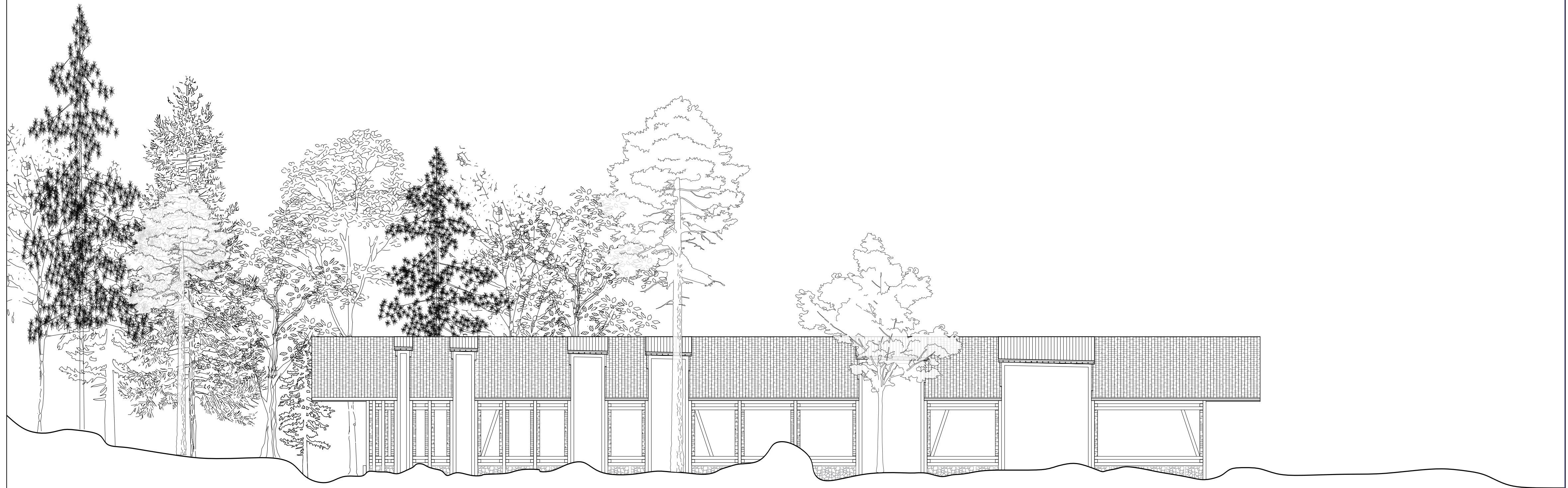




Longitudinal Section

EAST →

FOOTPRINT OF EXISTING HOUSE

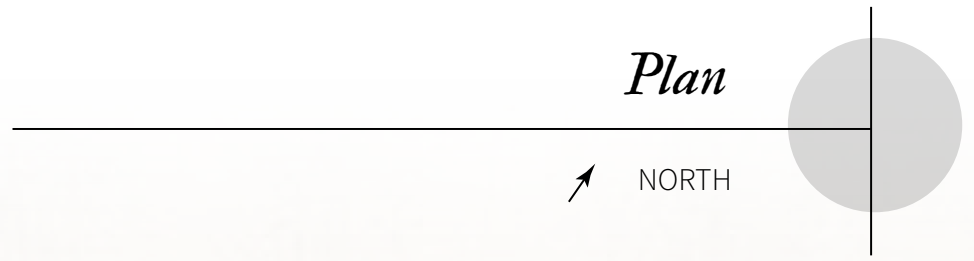
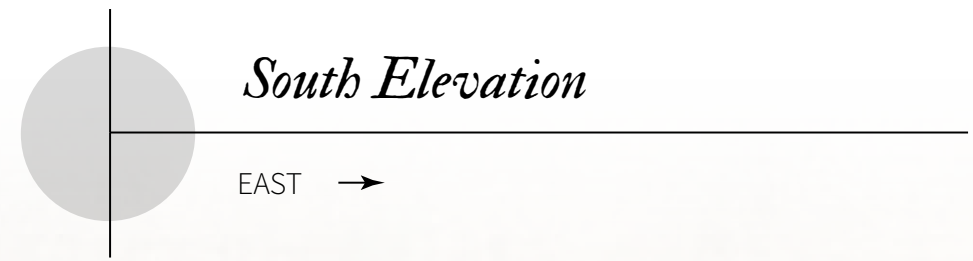


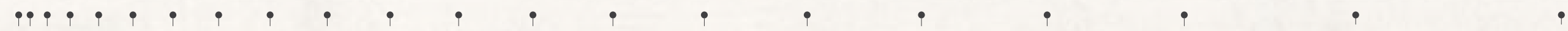
South Elevation

EAST →

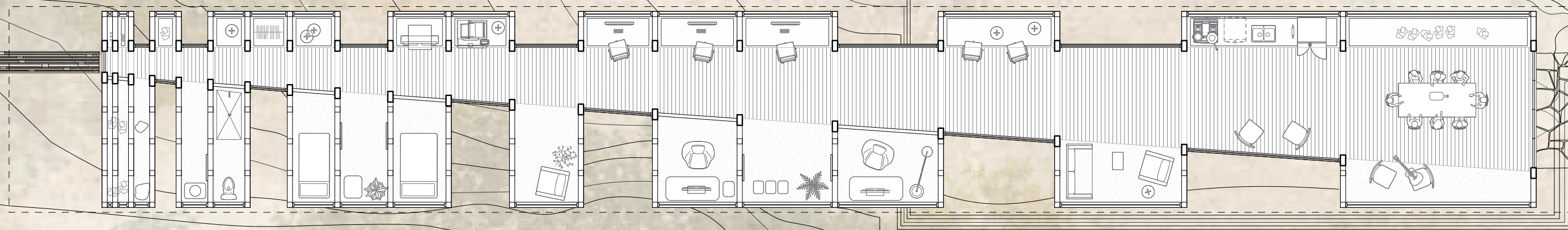
Plan

↗ NORTH





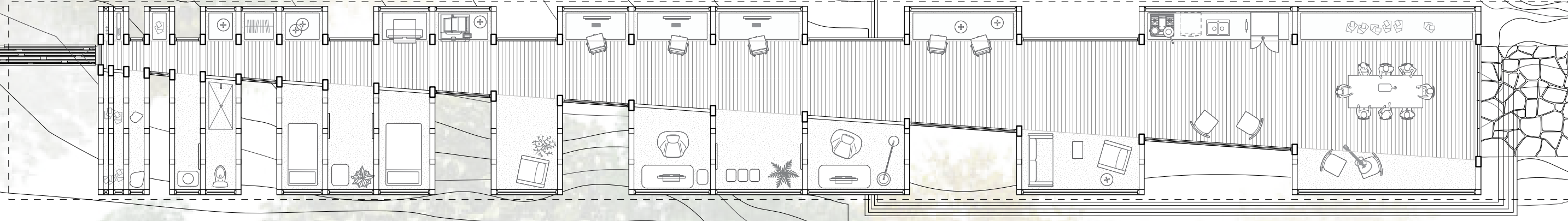
FOOTPRINT OF EXISTING HOUSE



RELAX SPACE BATH-ROOM BUNK ROOMS LOGIS-TICS CALL ROOM SMALL DESK OFFICES GROUP DESK LOUNGE COOKING EATING + MEETING



FOOTPRINT OF EXISTING HOUSE



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