

Nobody Wants to Live in a Care Home

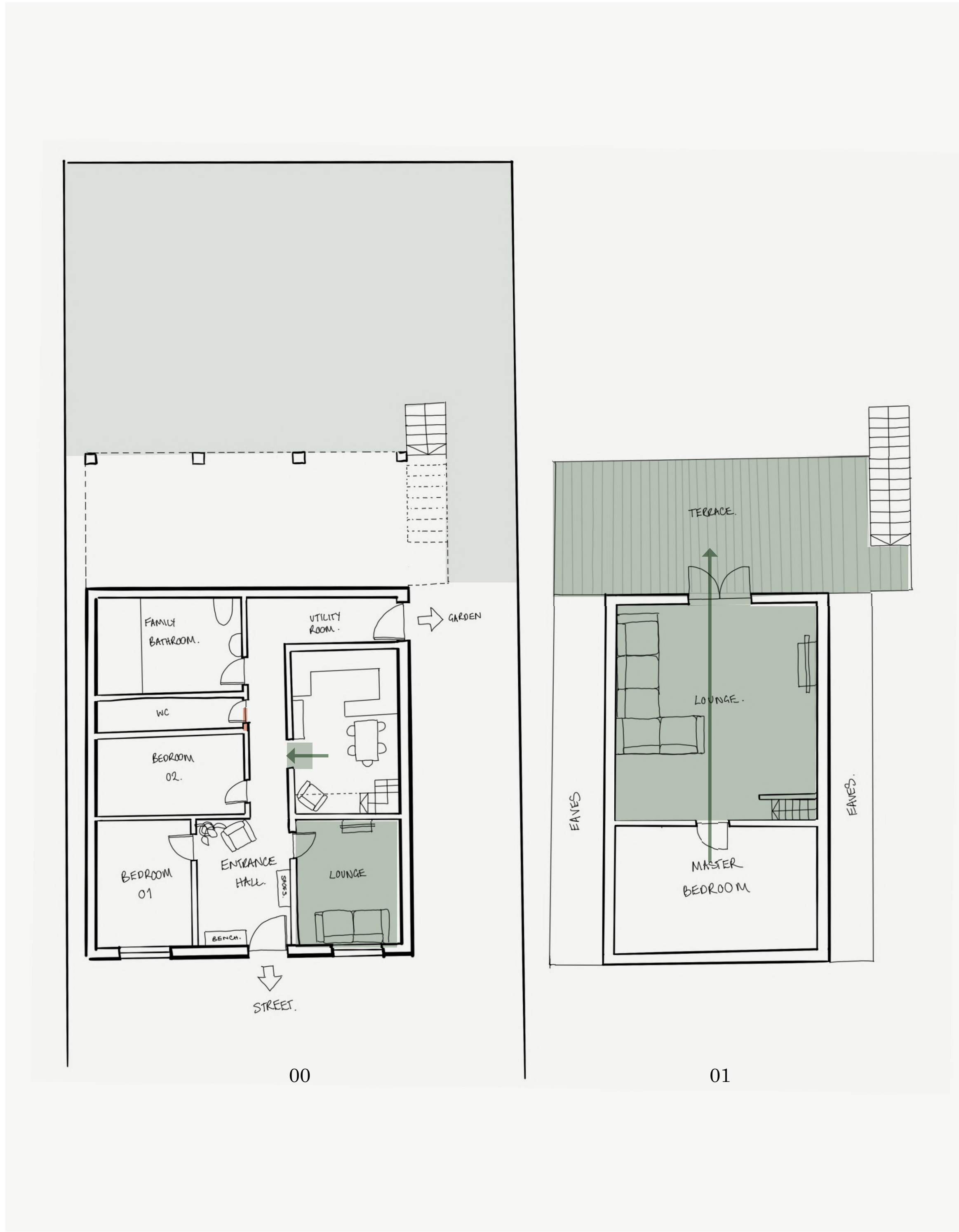
Towards an Egocentric design approach for life with Alzheimers disease



The Easterbrook Family

‘People with a today and a tomorrow, not
just a yesterday’

Young - Onset Alzheimer’s Disease



The Easterbrook Family Home



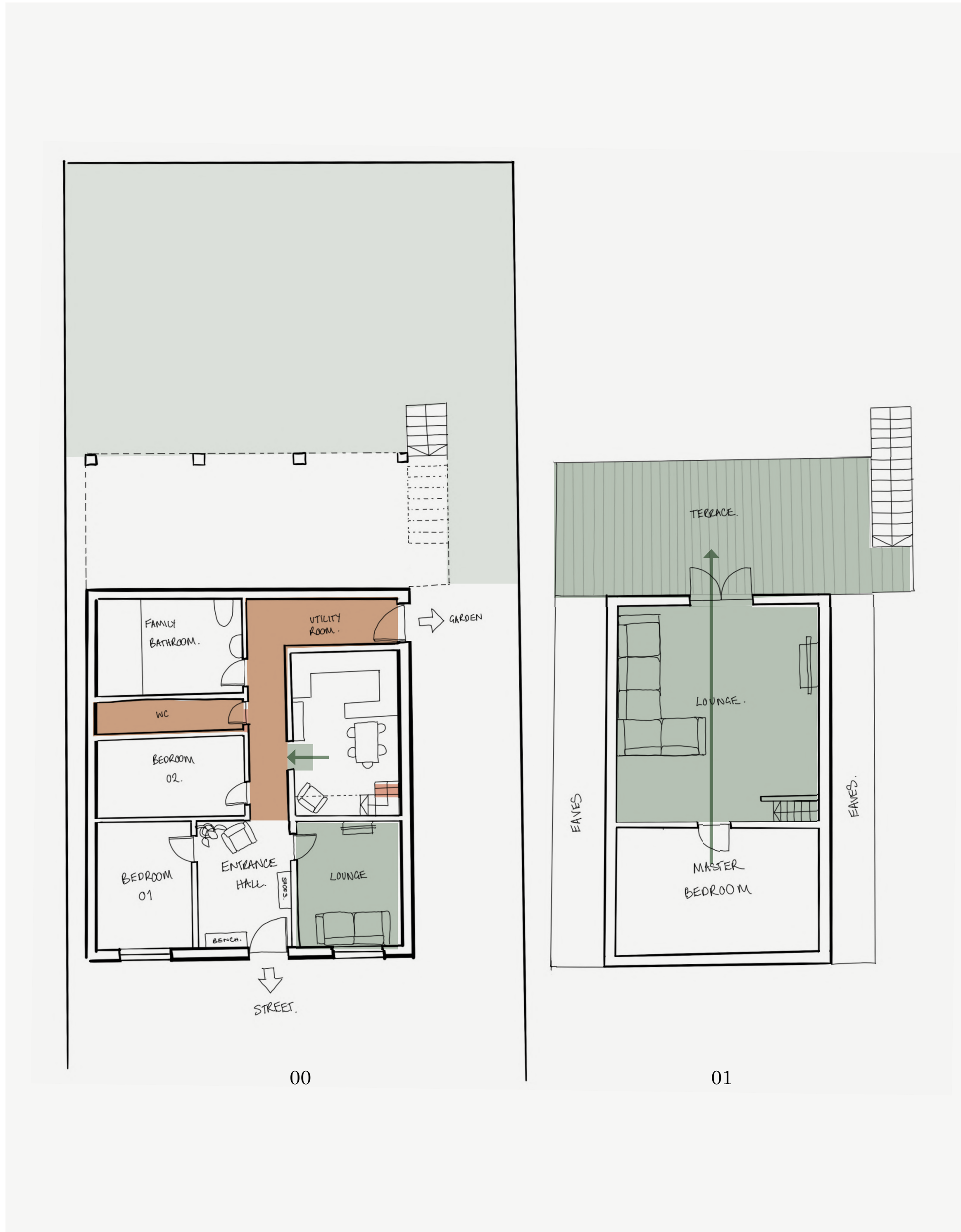
Which Housing Options Are Available?



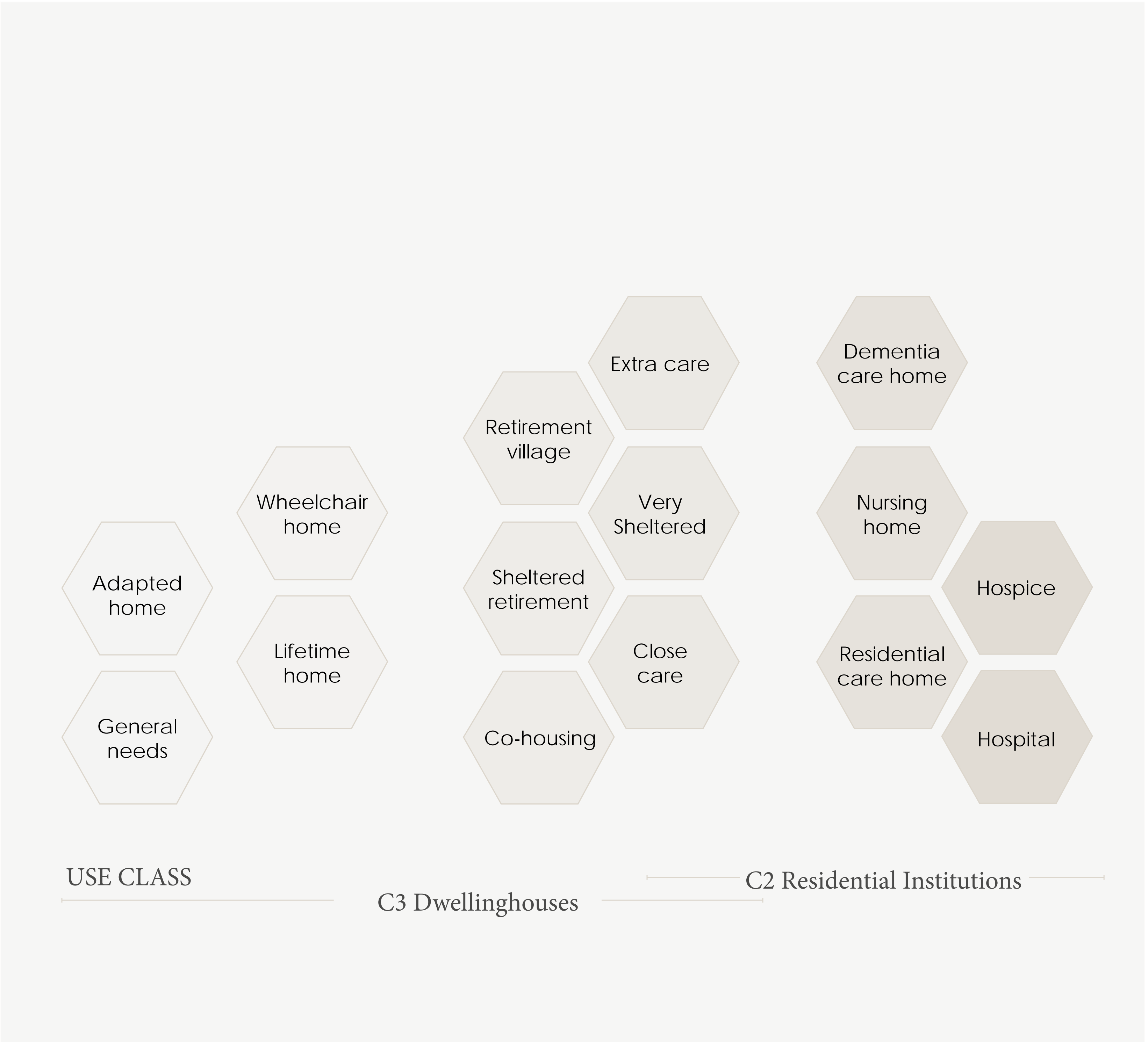
The Easterbrook Family Home



Which Housing Options Are Available?



The Easterbrook Family Home

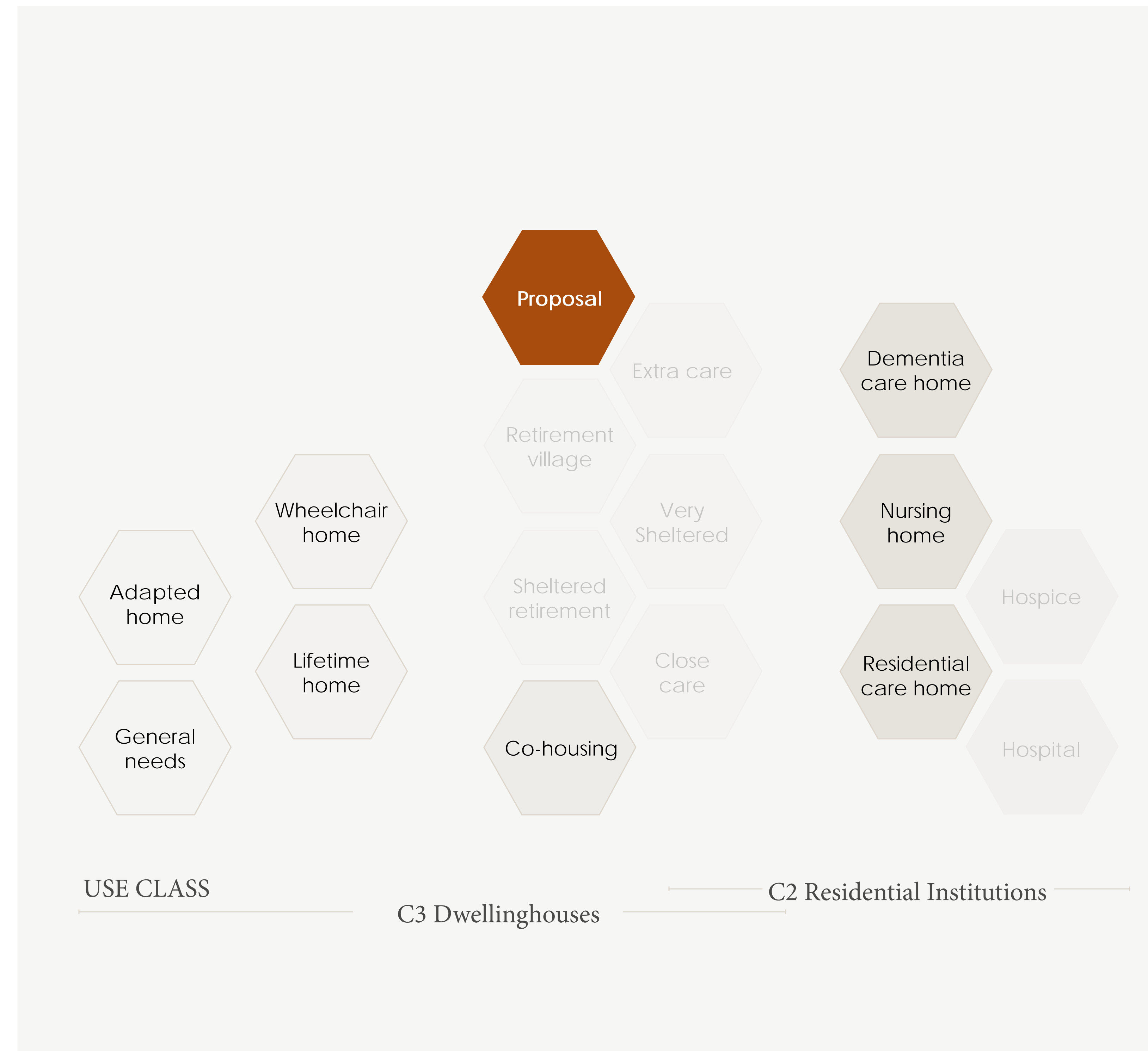


Specialised Housing & Institutions

Which Housing Options Are Available?



The Easterbrook Family Home



Specialised Housing & Institutions

Which Housing Options Are Available?



‘The world is failing people with dementia, and that hurts all of us’



Medicalised Care Homes Prioritise Staff Efficiency

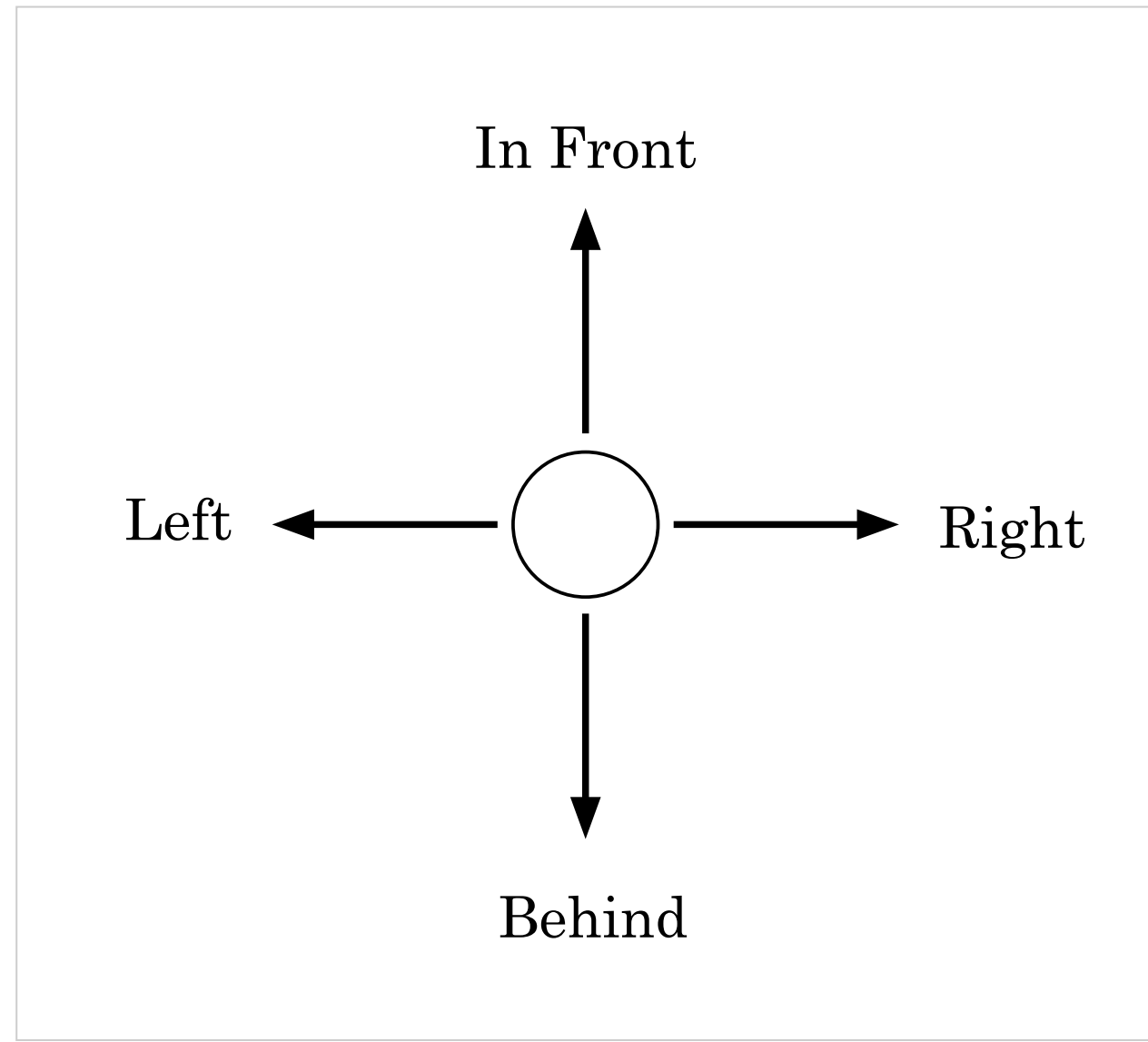
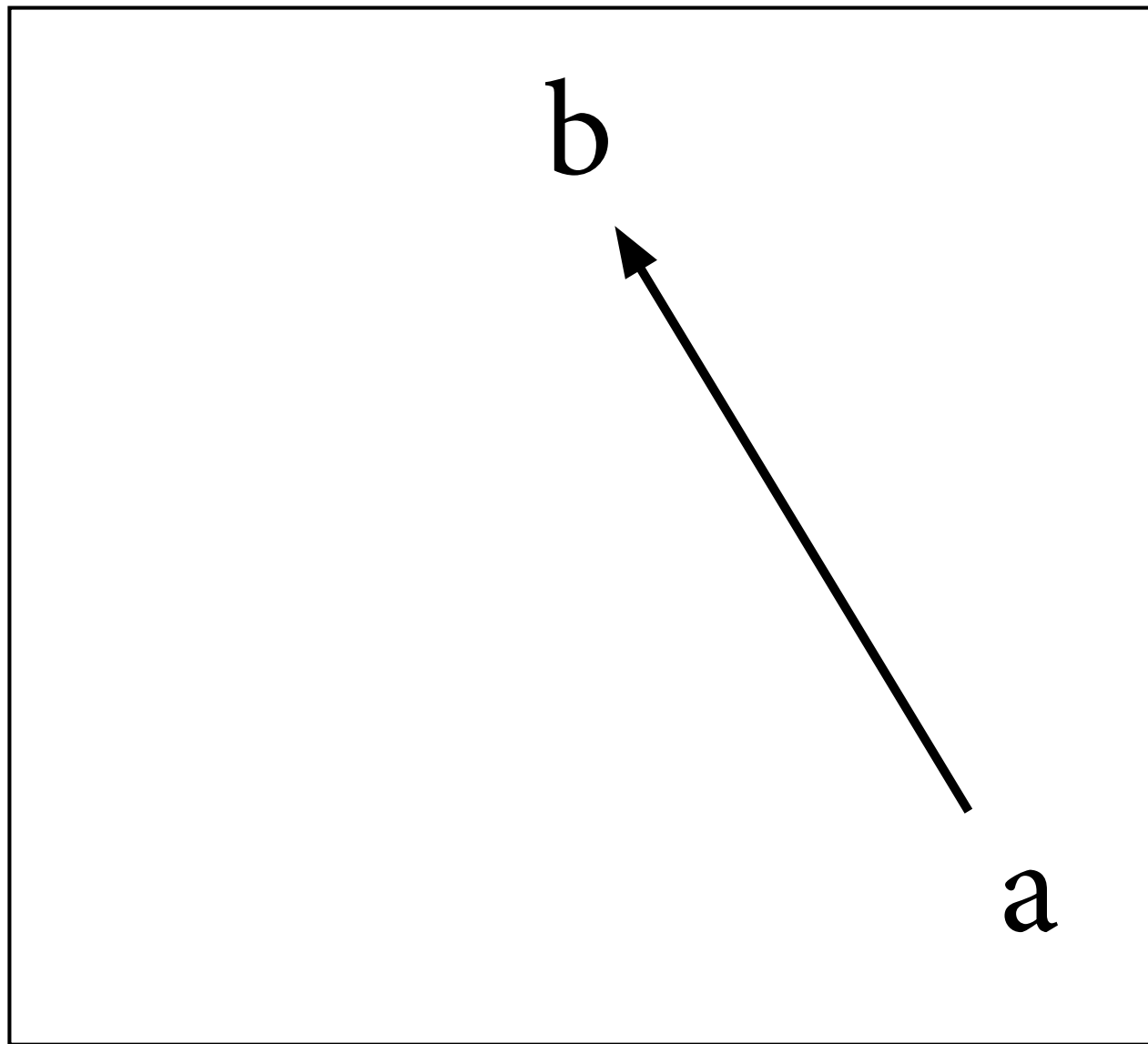


Conversation Pieces: Snow, William Utermohlen

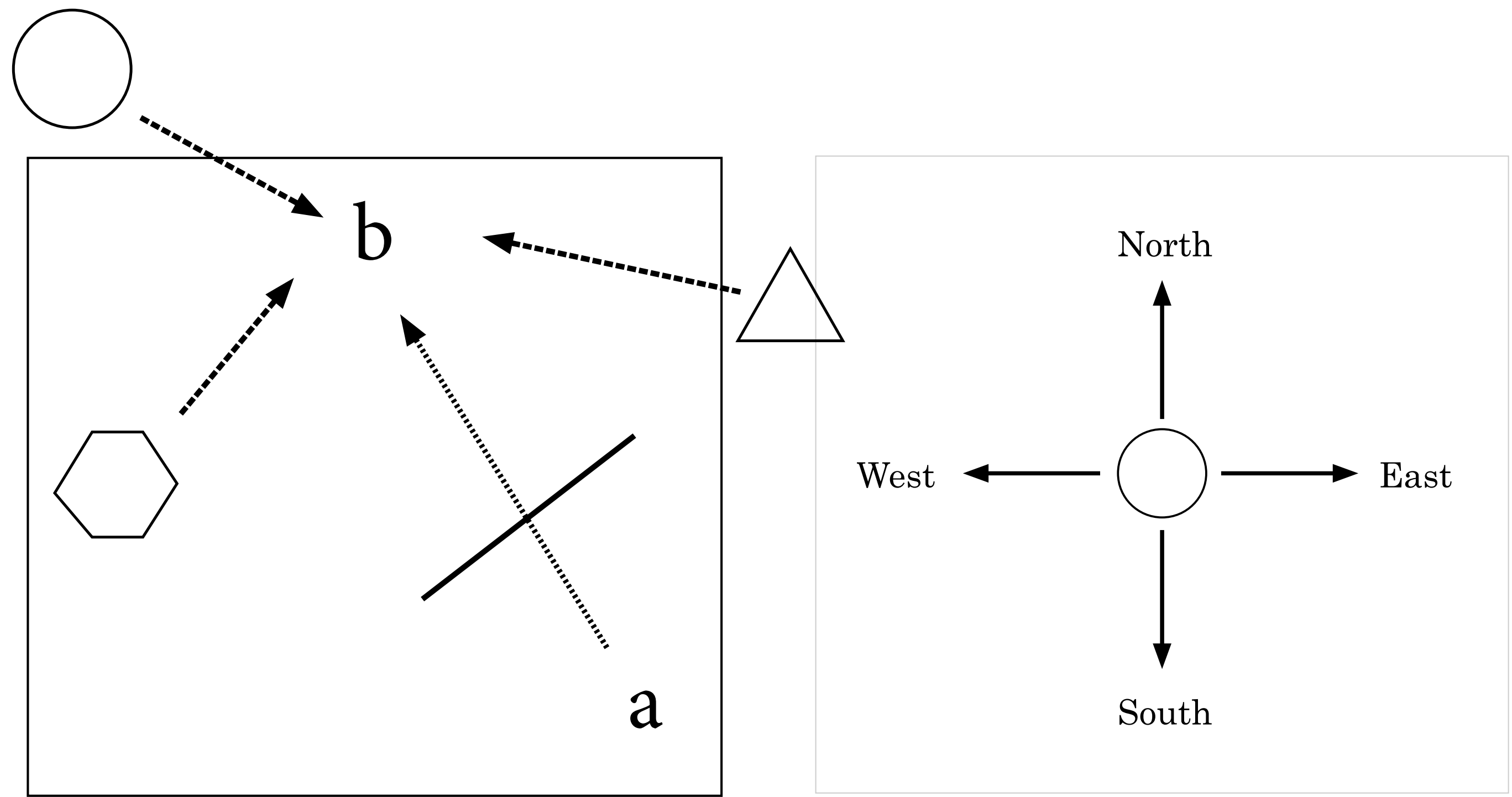
‘Signs of the disease that is about to strike William are also apparent in the shifting perceptions of space, objects, and people. They are premonitions of a new world of silence and sensory deprivation about to close in on the artist.’

Exhibition William Utermohlen : A Persistence of Memory
curated by Chris Bolcos and Jennifer Norback

Changes In Spatial Perception

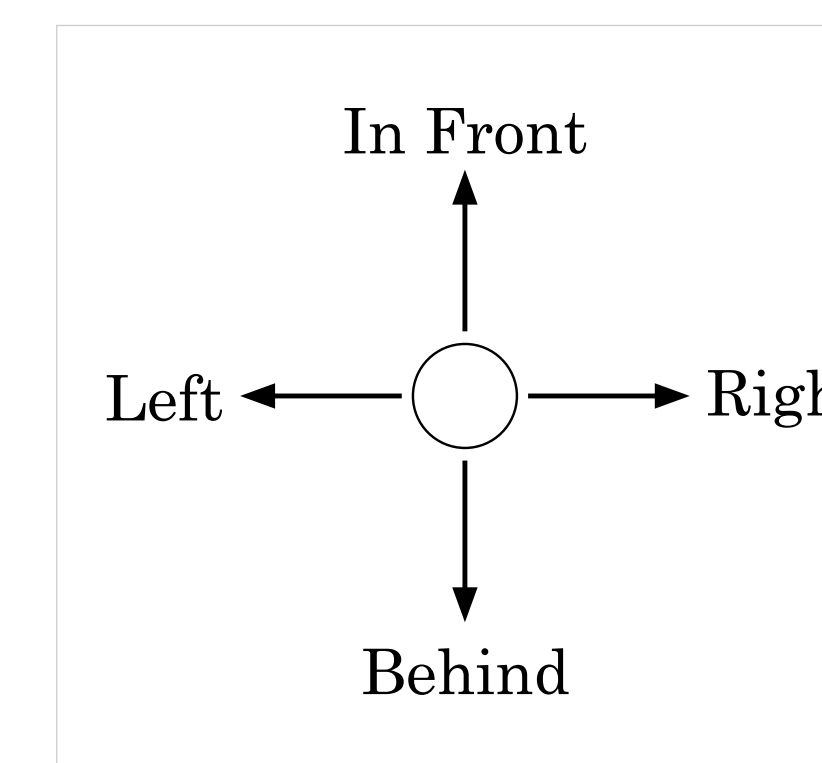
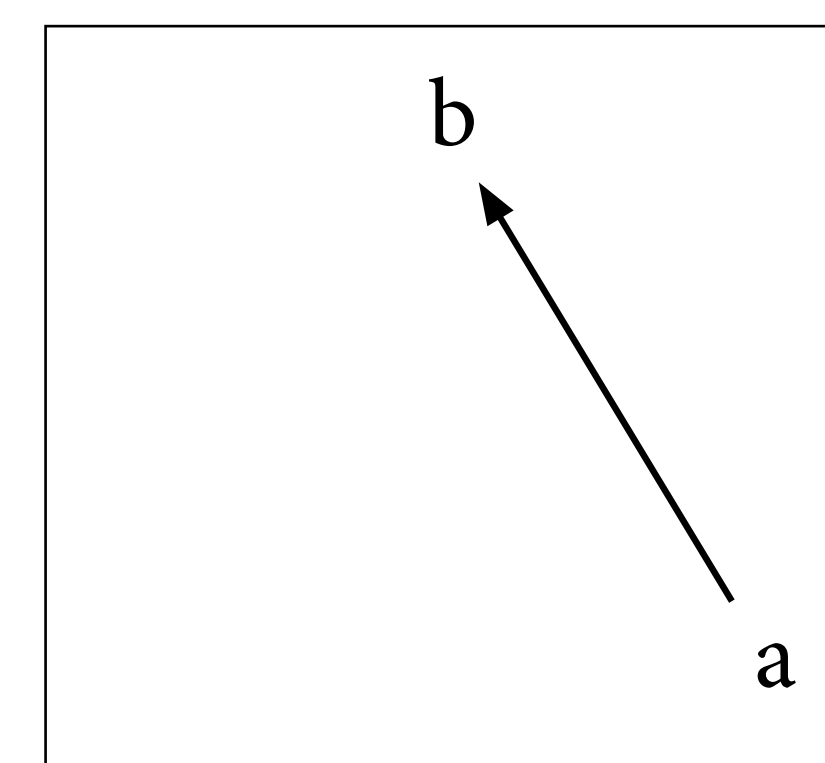
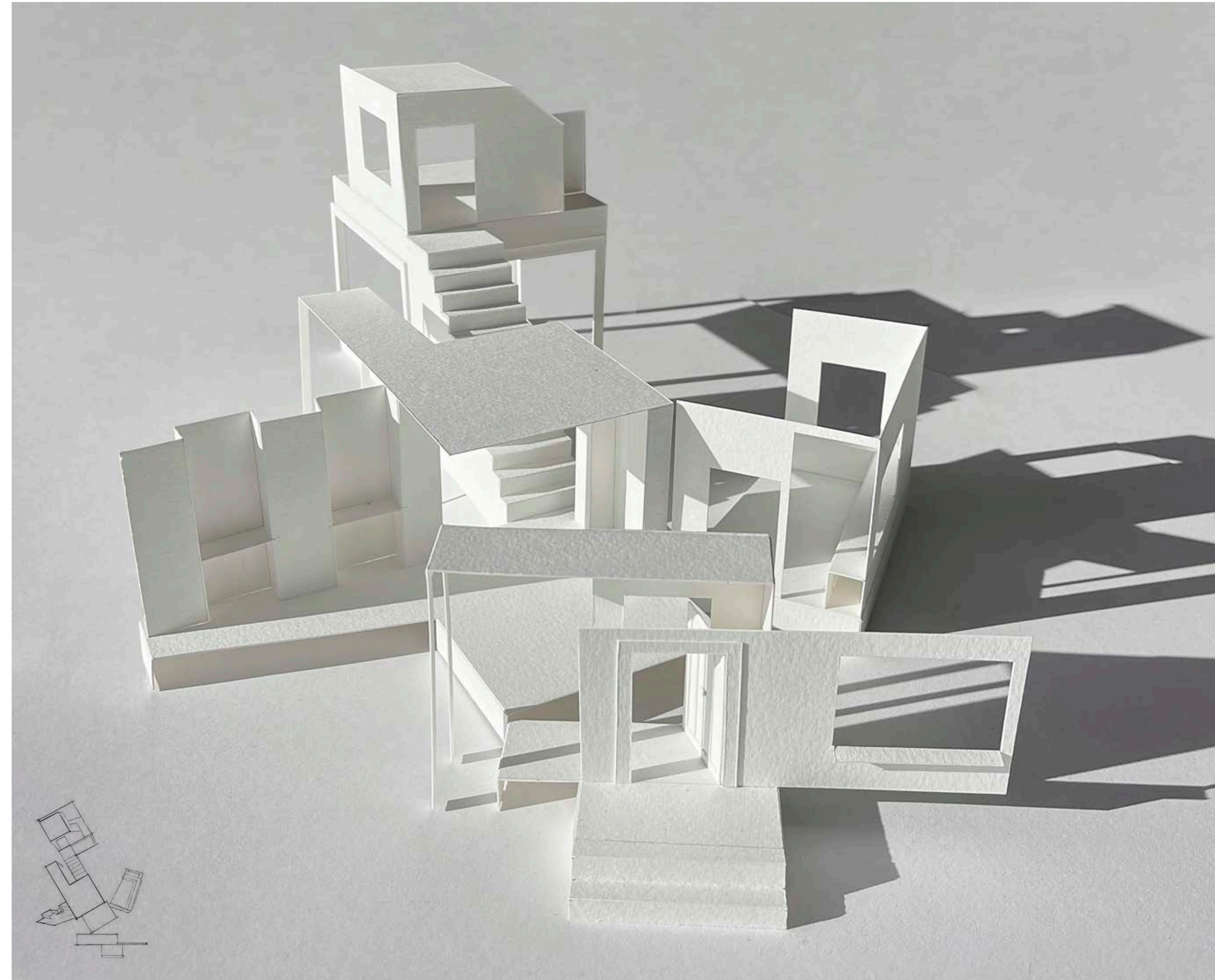


EGOCENTRIC - LIVE ROUTE

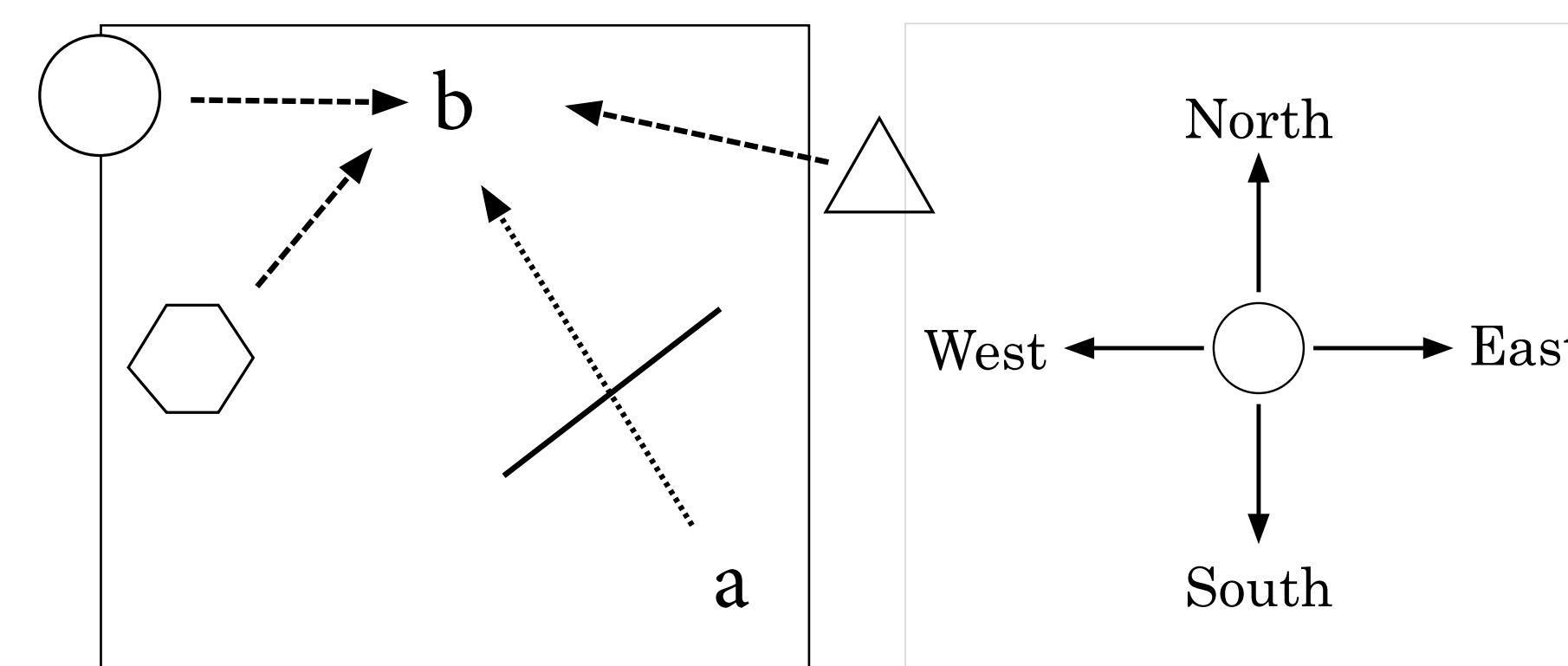
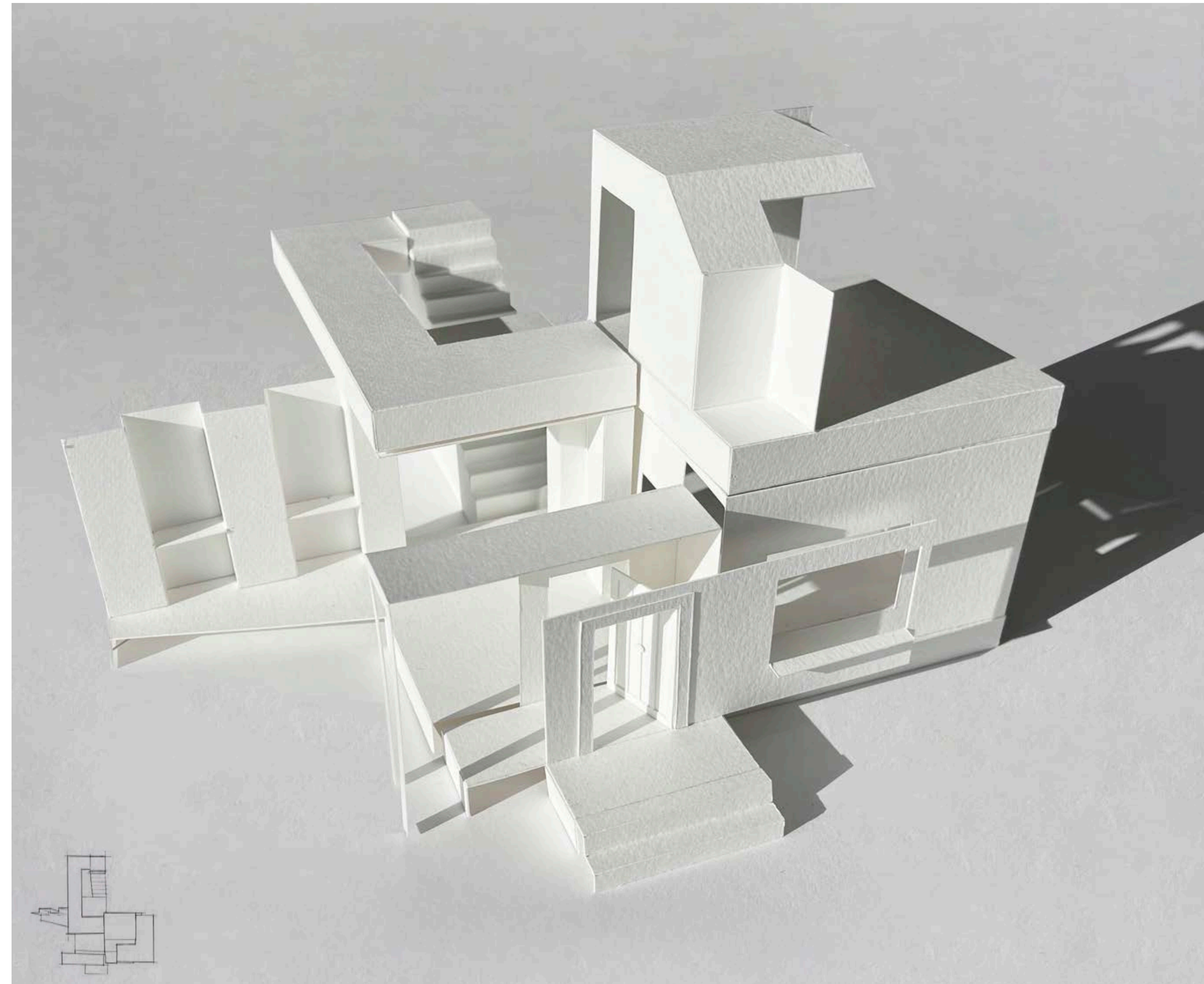


ALLOCENTRIC - STORED SURVEY

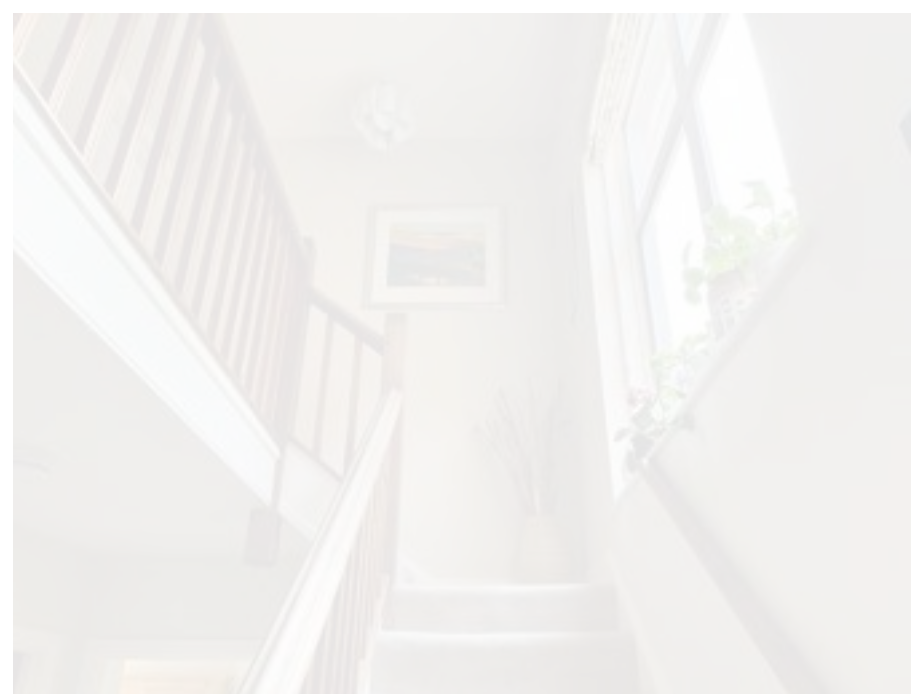
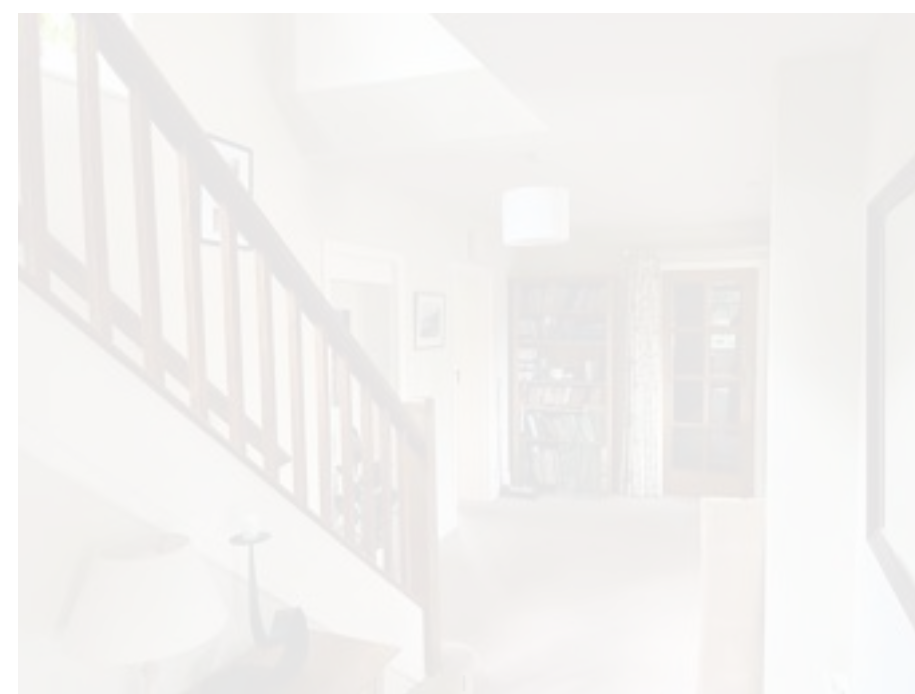
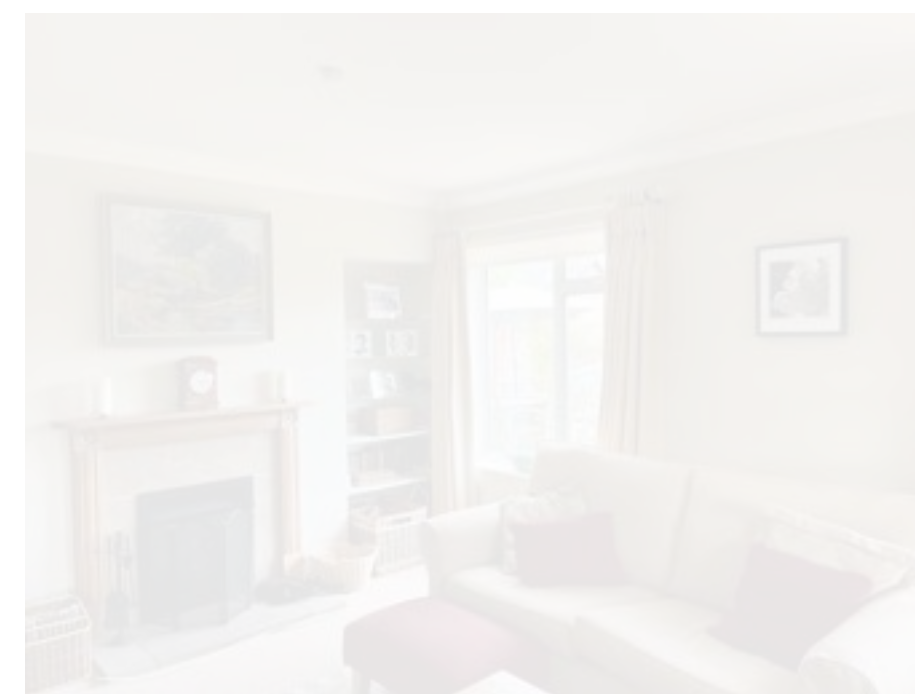
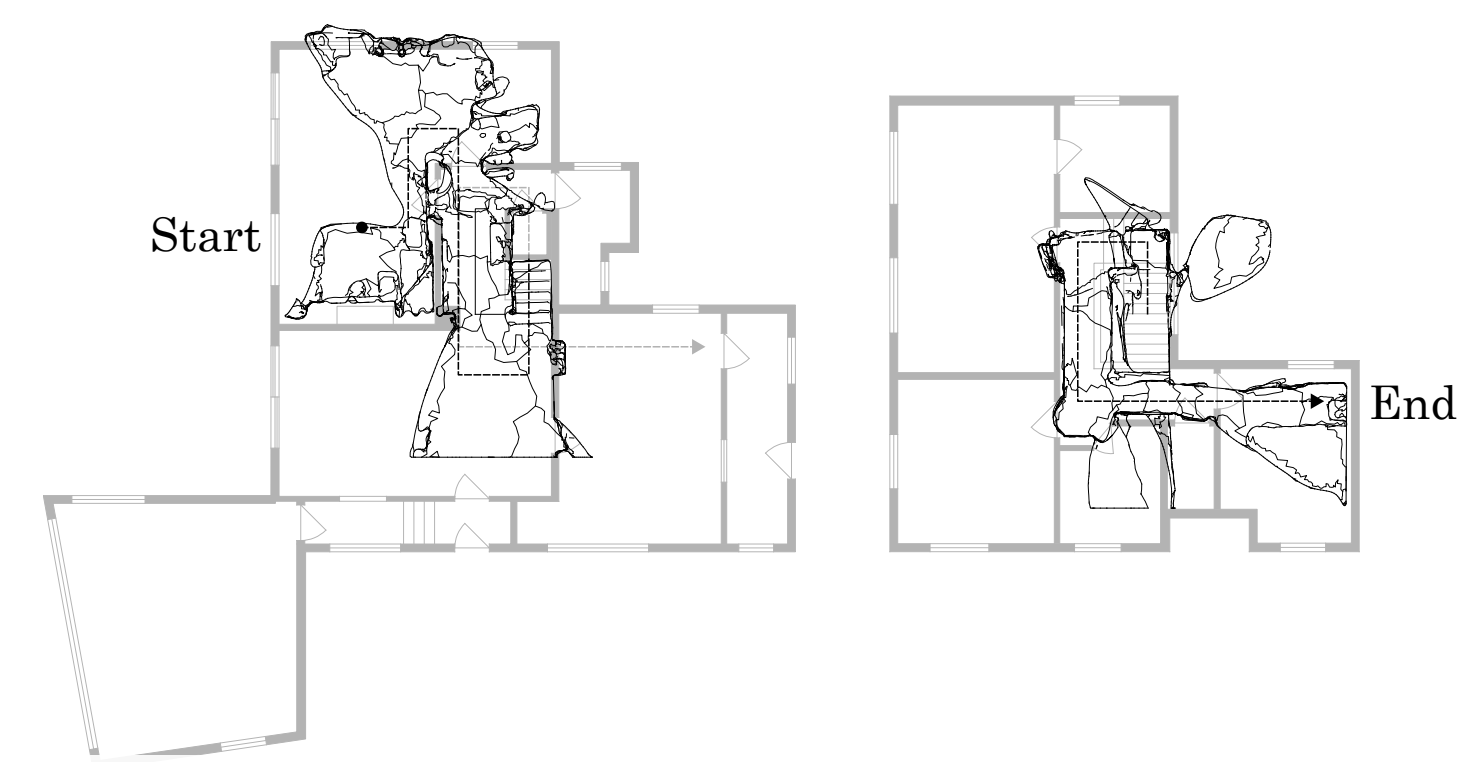
Decline in Allocentric Abilities



Egocentric Arrangement of Study House

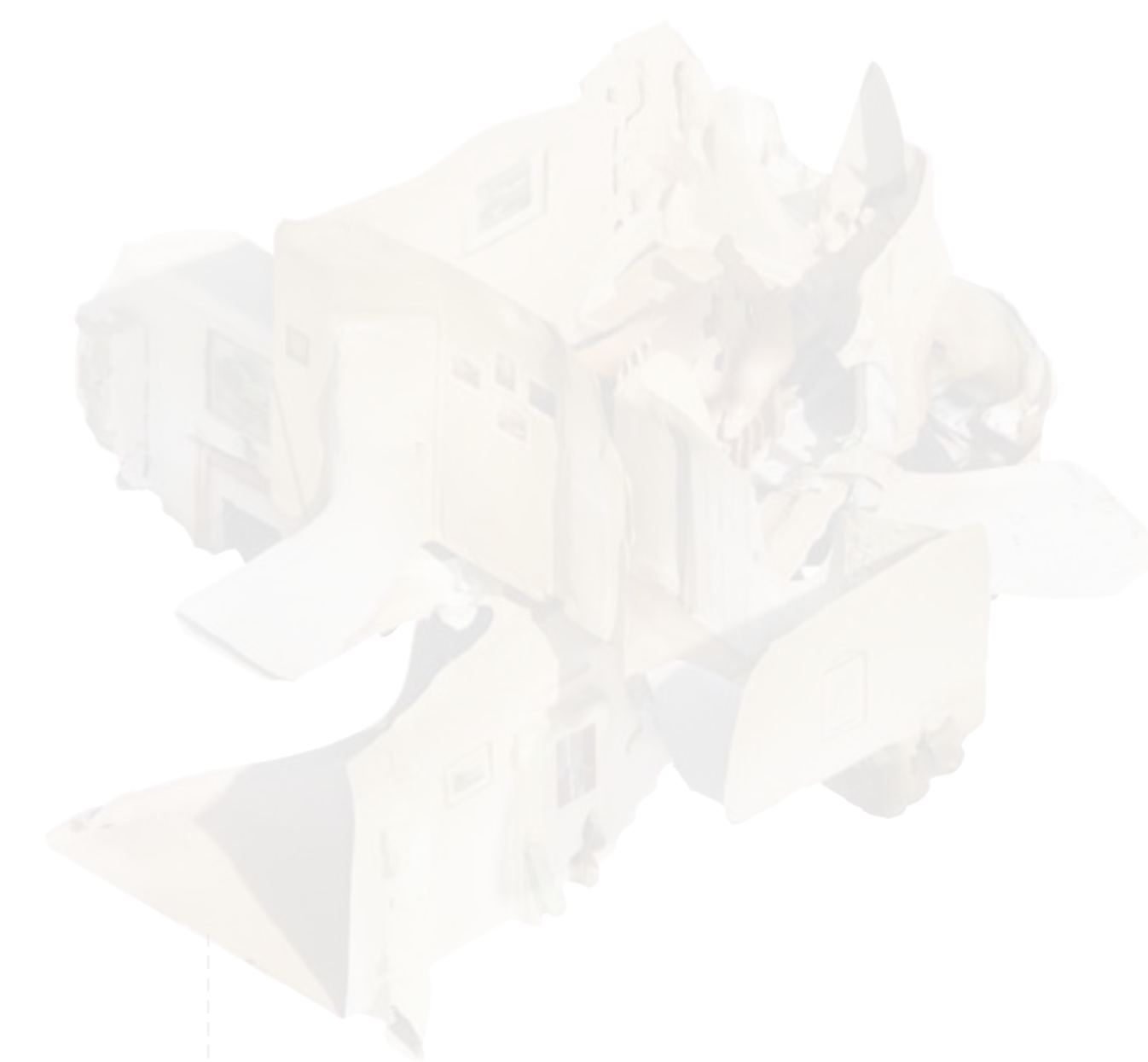
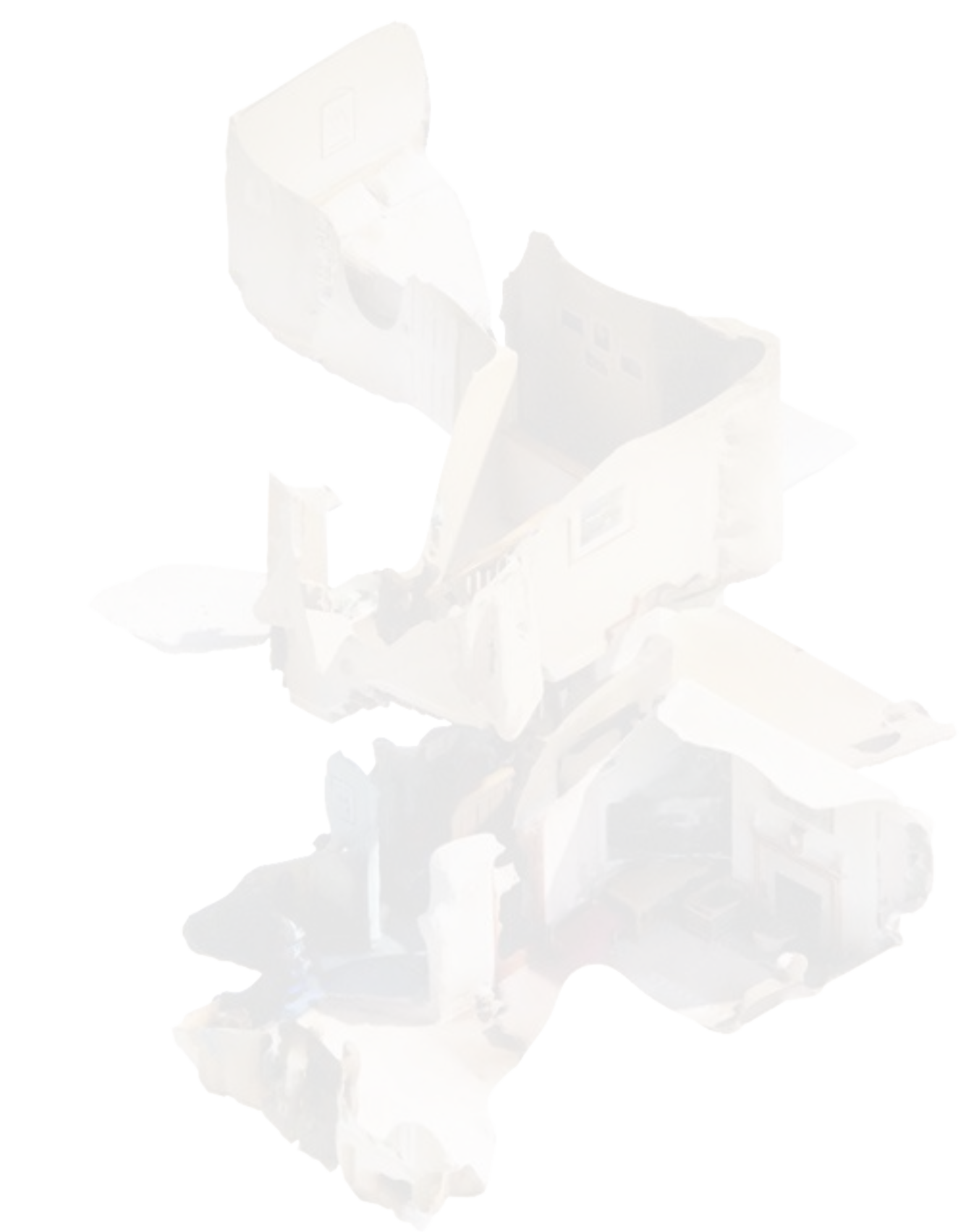


Allocentric Arrangement of Study House



01 Route

02 Video Stills Input

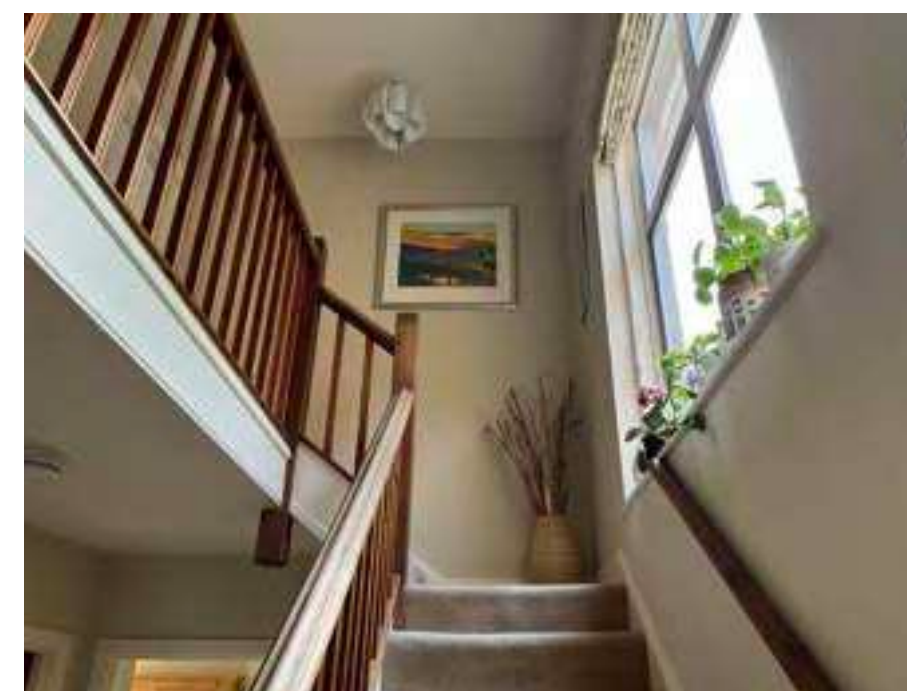
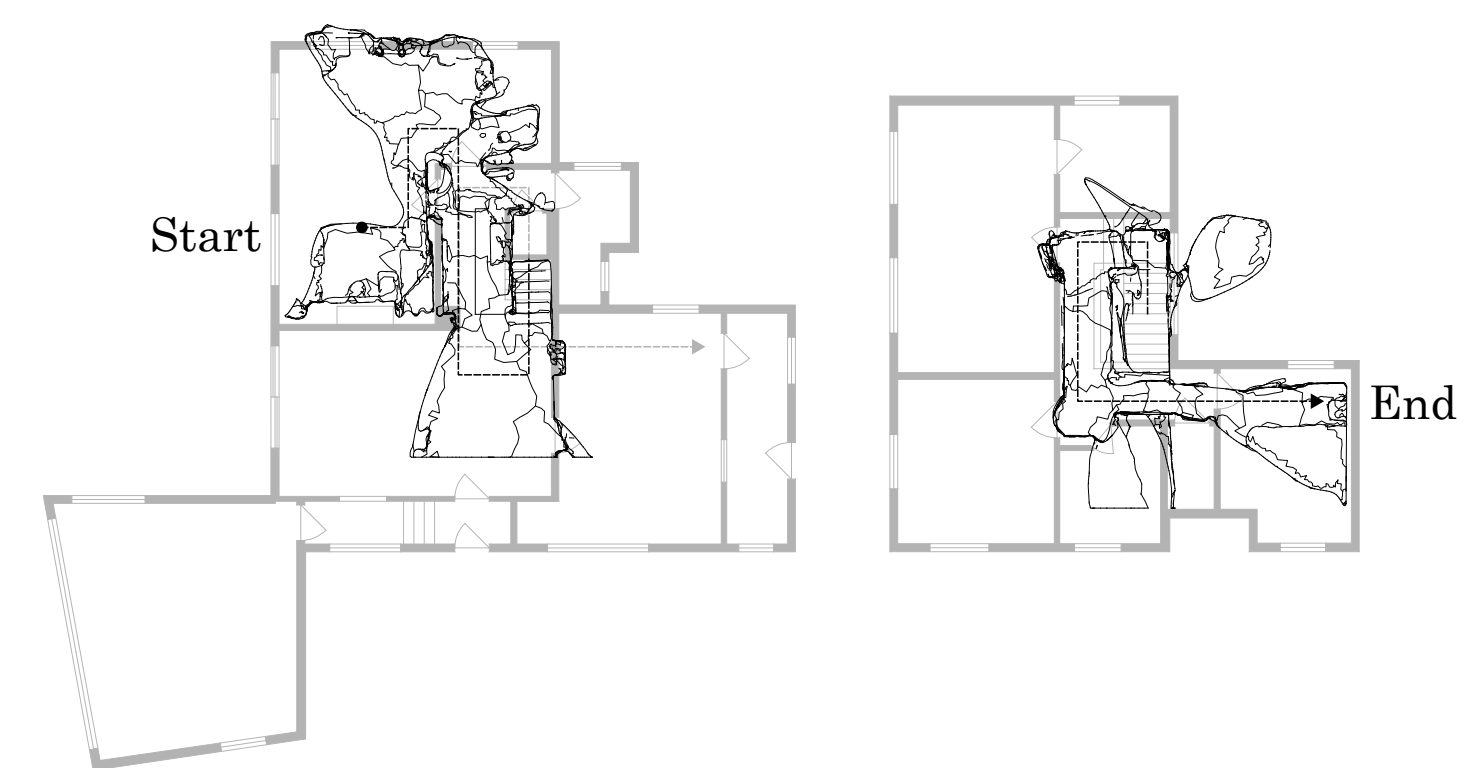


03 Mesh Recording



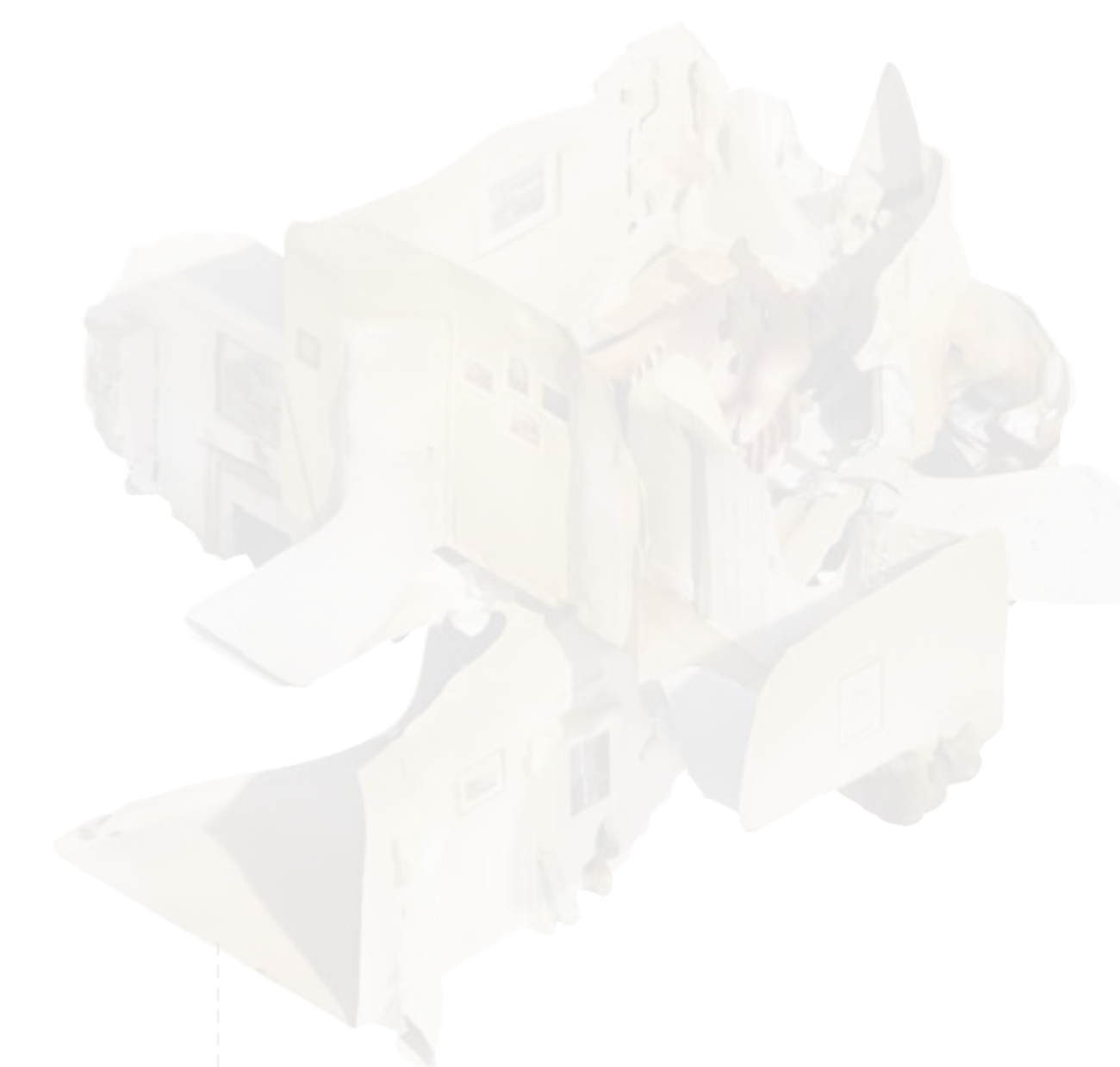
04 Point Cloud

Egocentric Point Cloud Mapping Methodology



01 Route

02 Video Stills Input

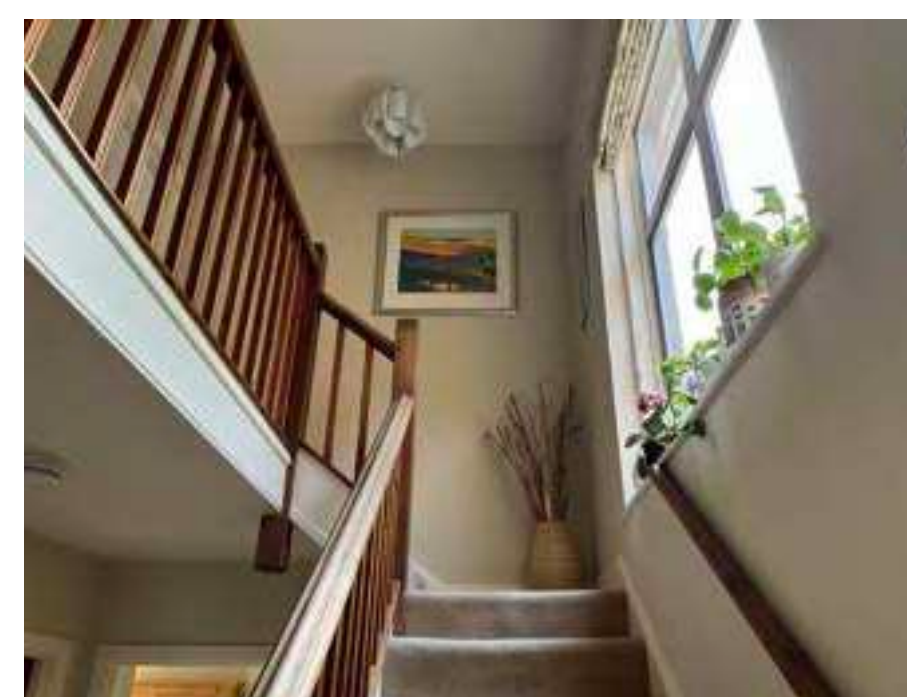
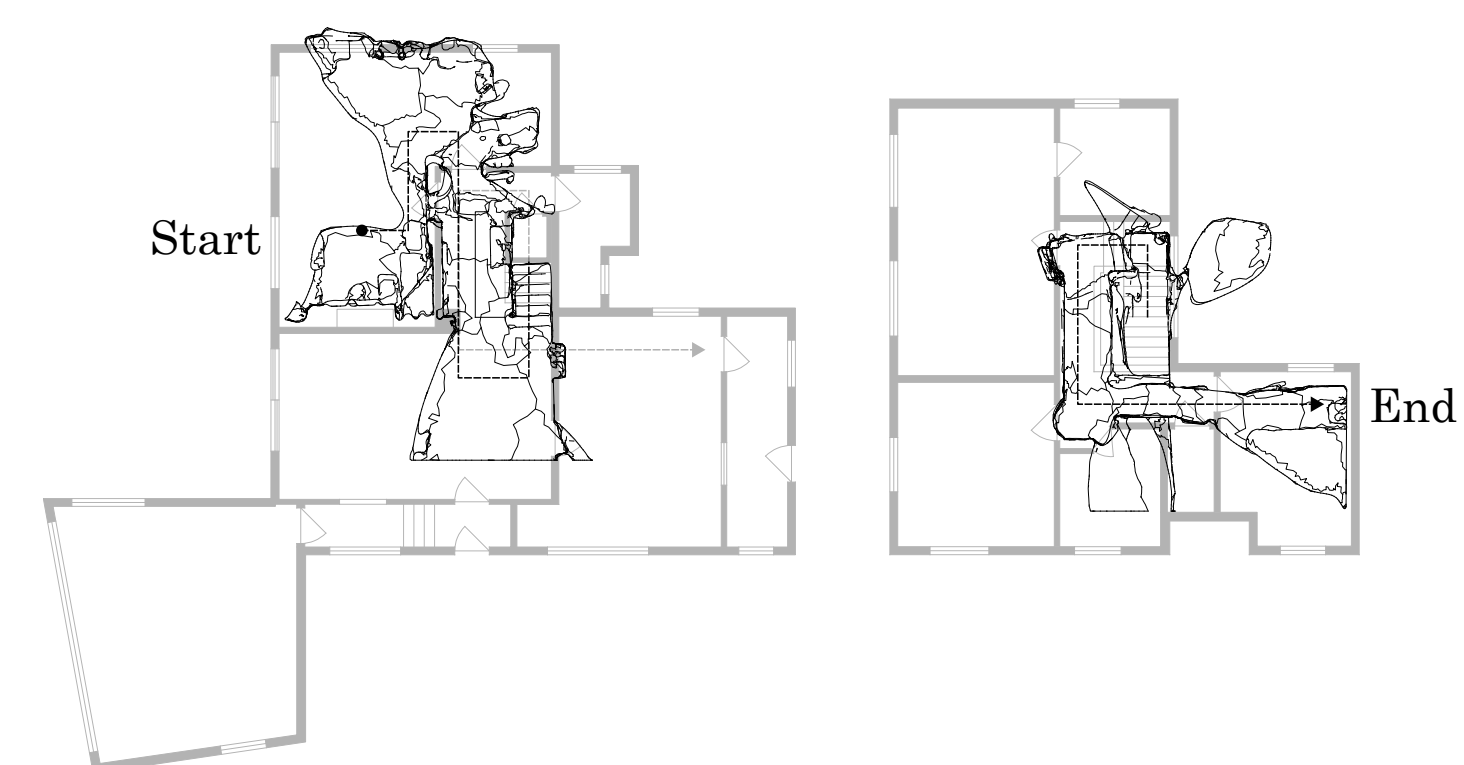


03 Mesh Recording



04 Point Cloud

Egocentric Point Cloud Mapping Methodology

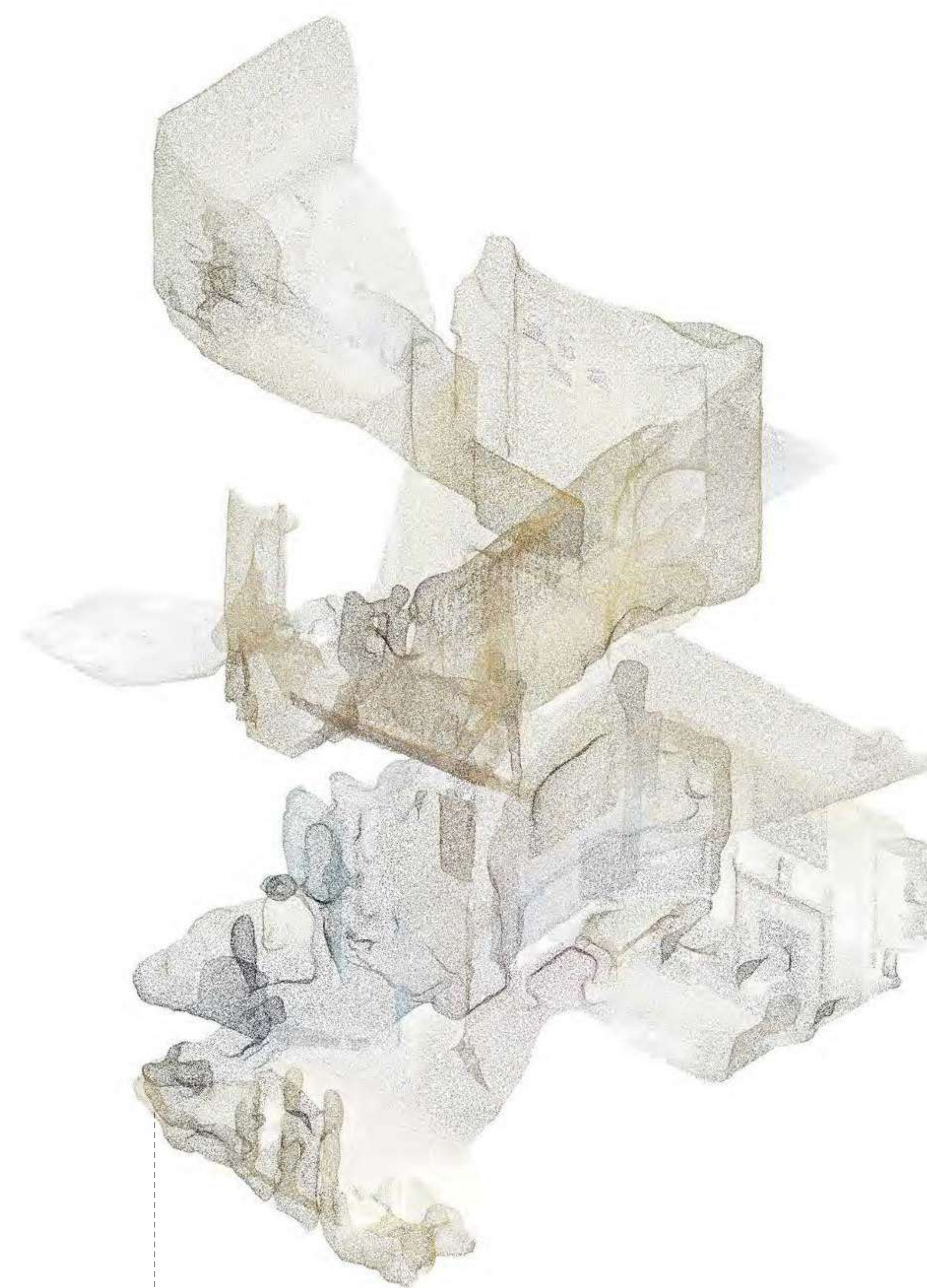


01 Route

02 Video Stills Input

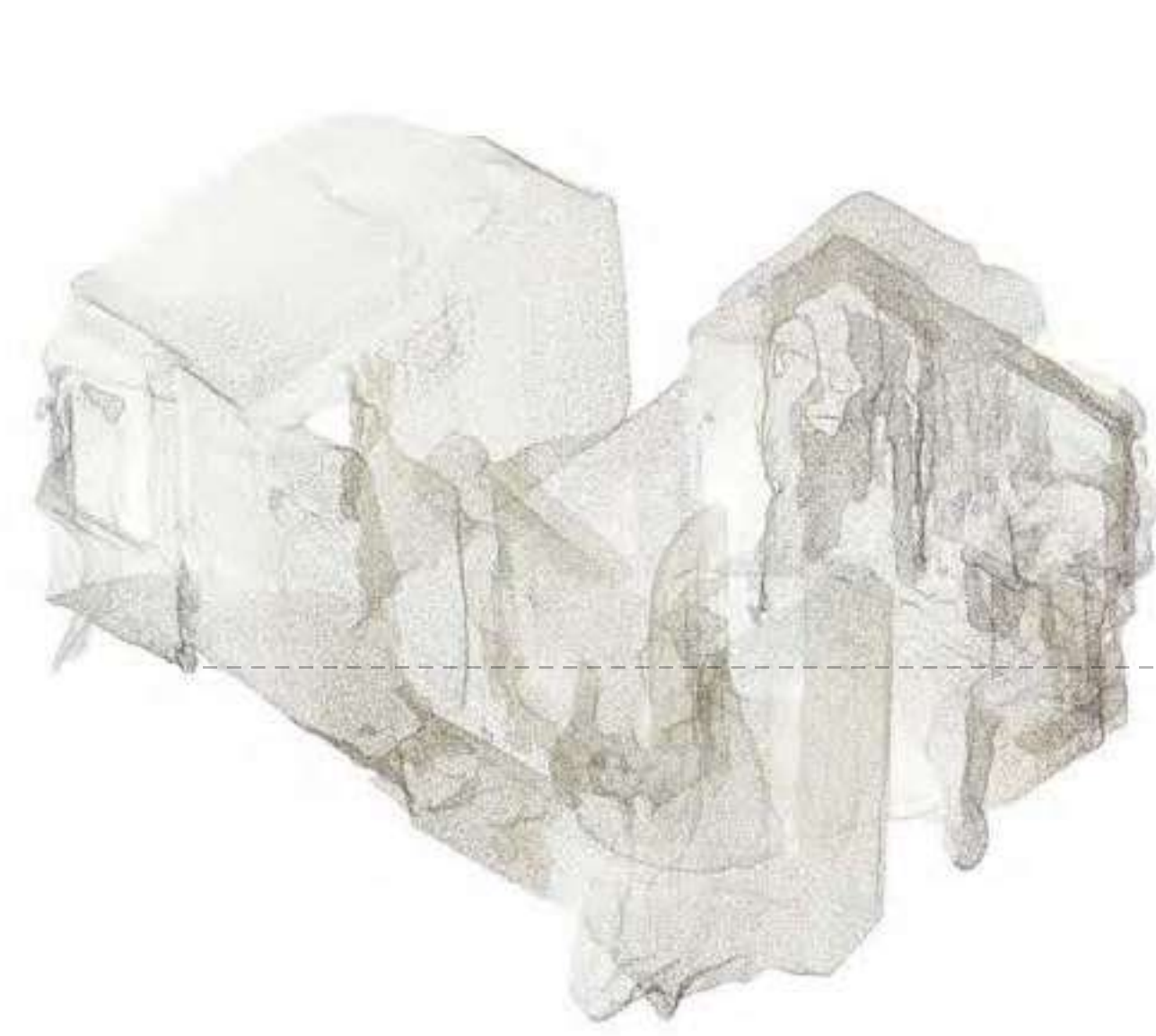


03 Mesh Recording

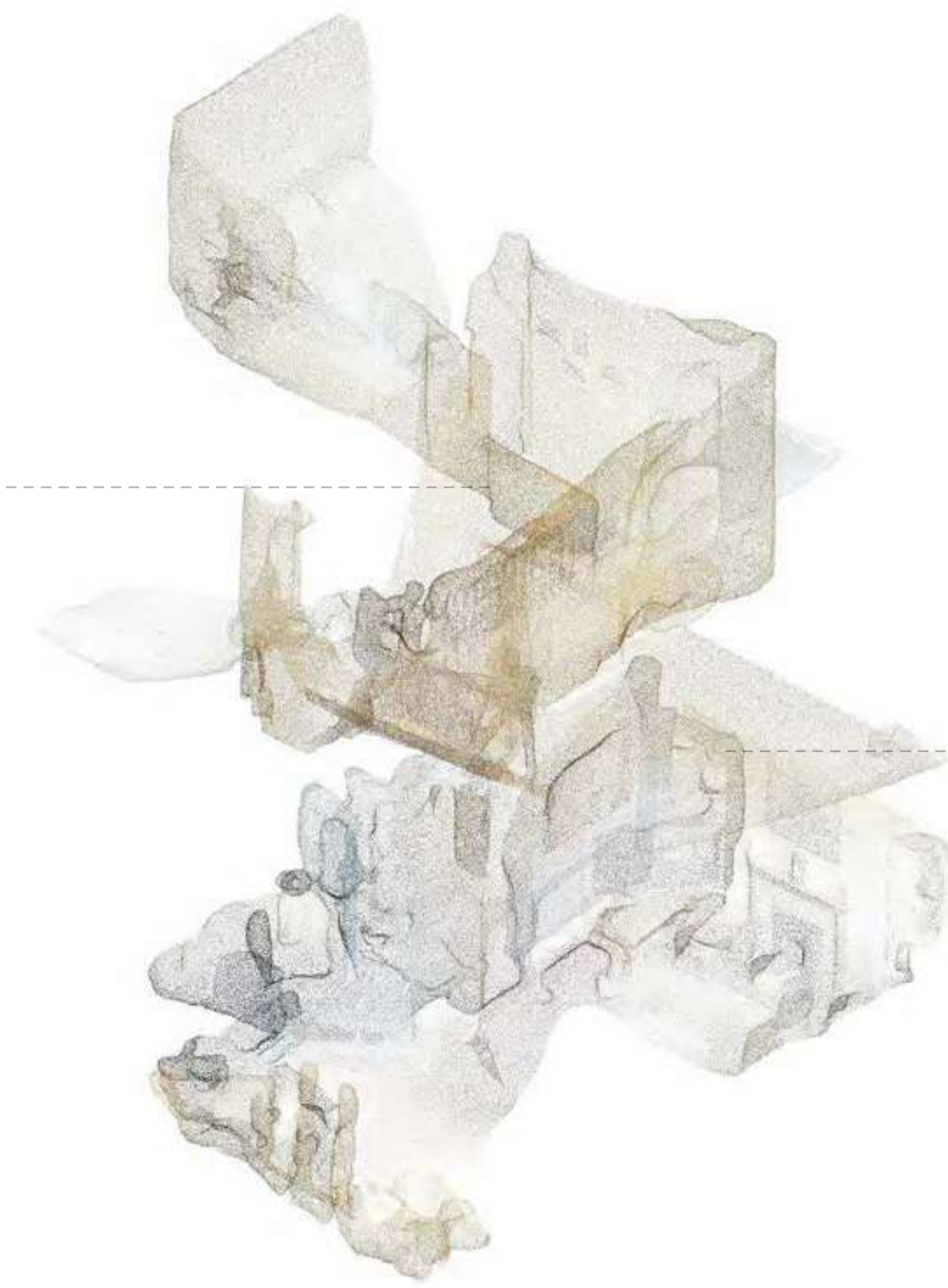


04 Point Cloud

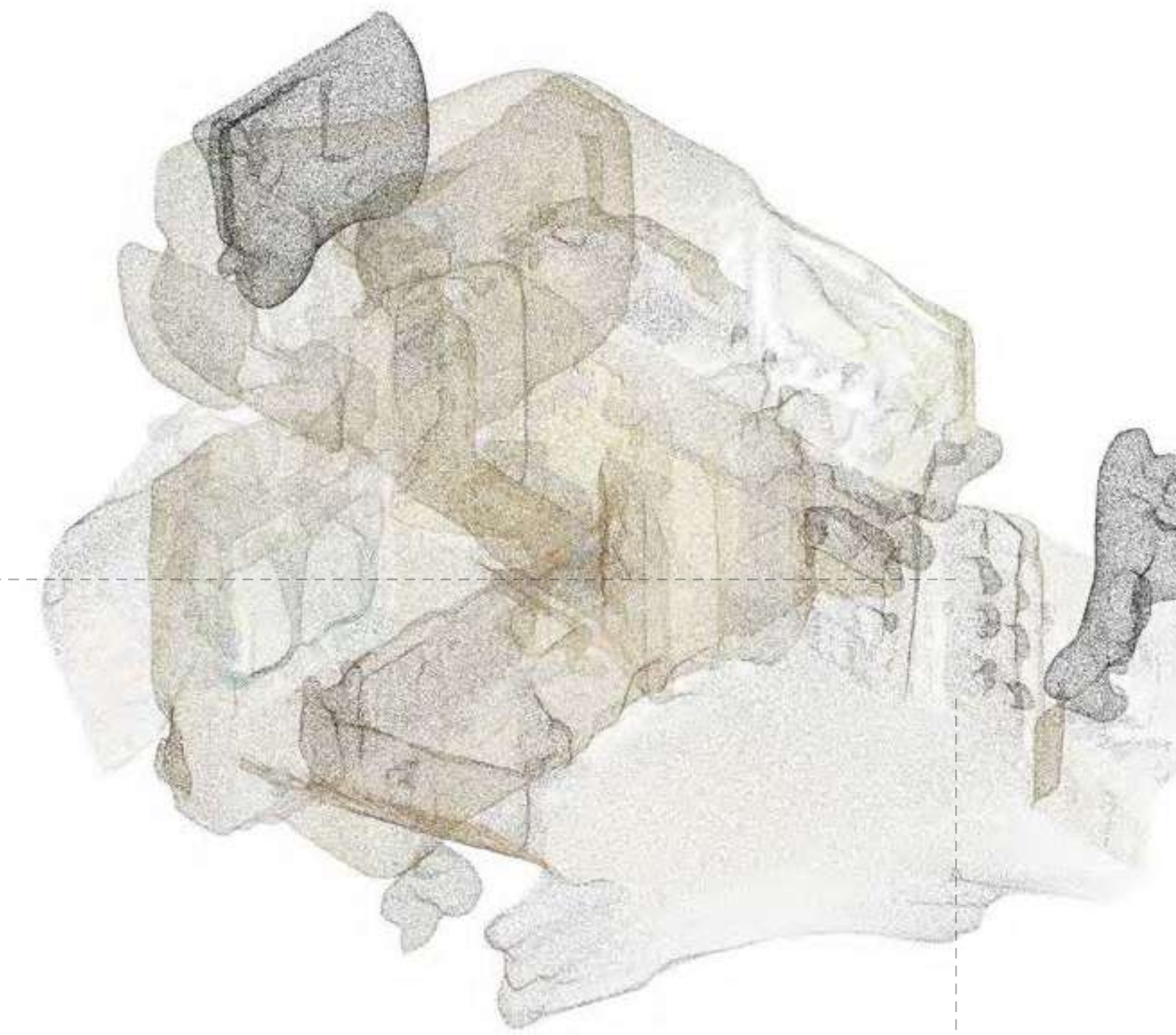
Egocentric Point Cloud Mapping Methodology



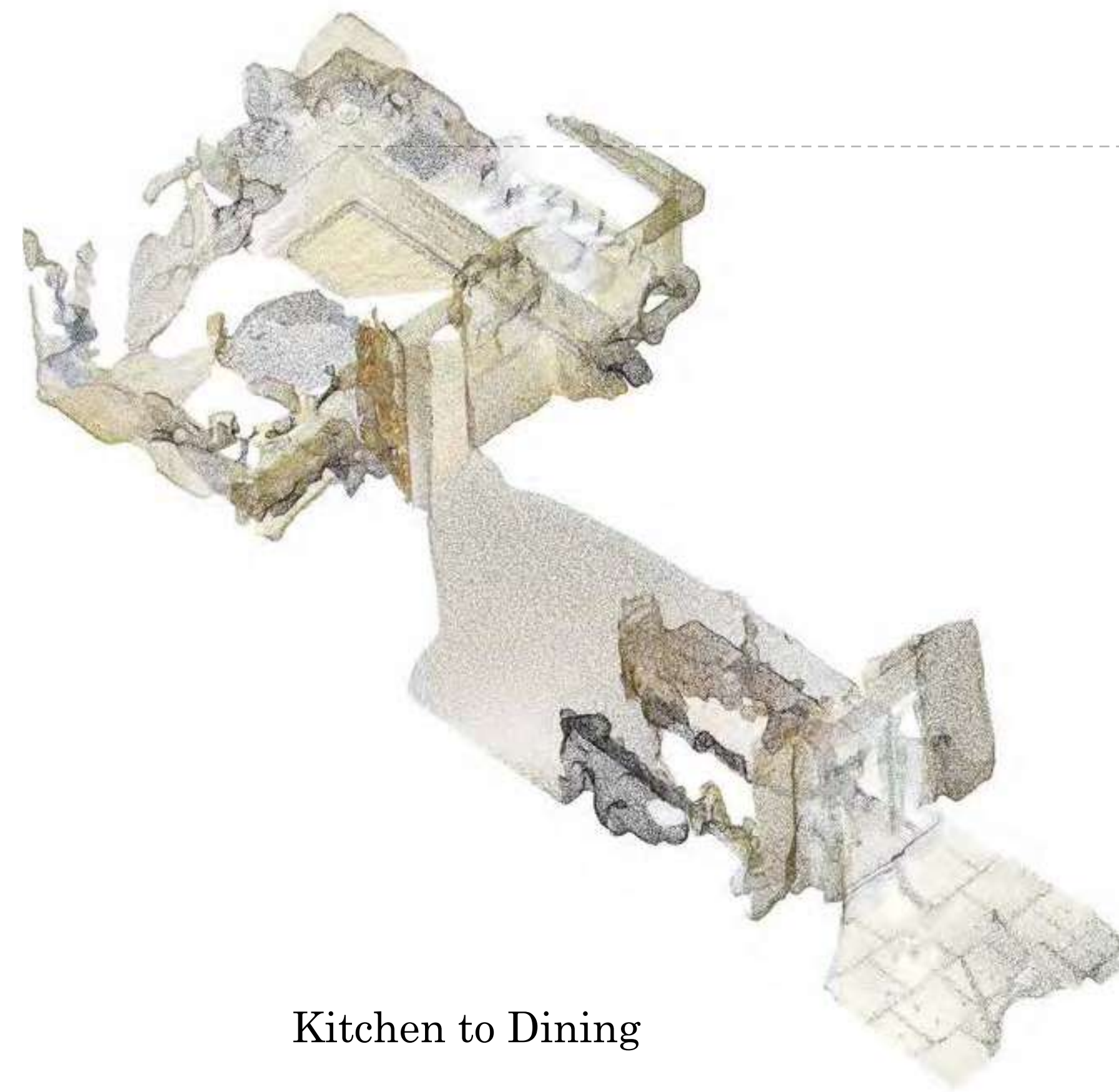
Bedroom to Bathroom



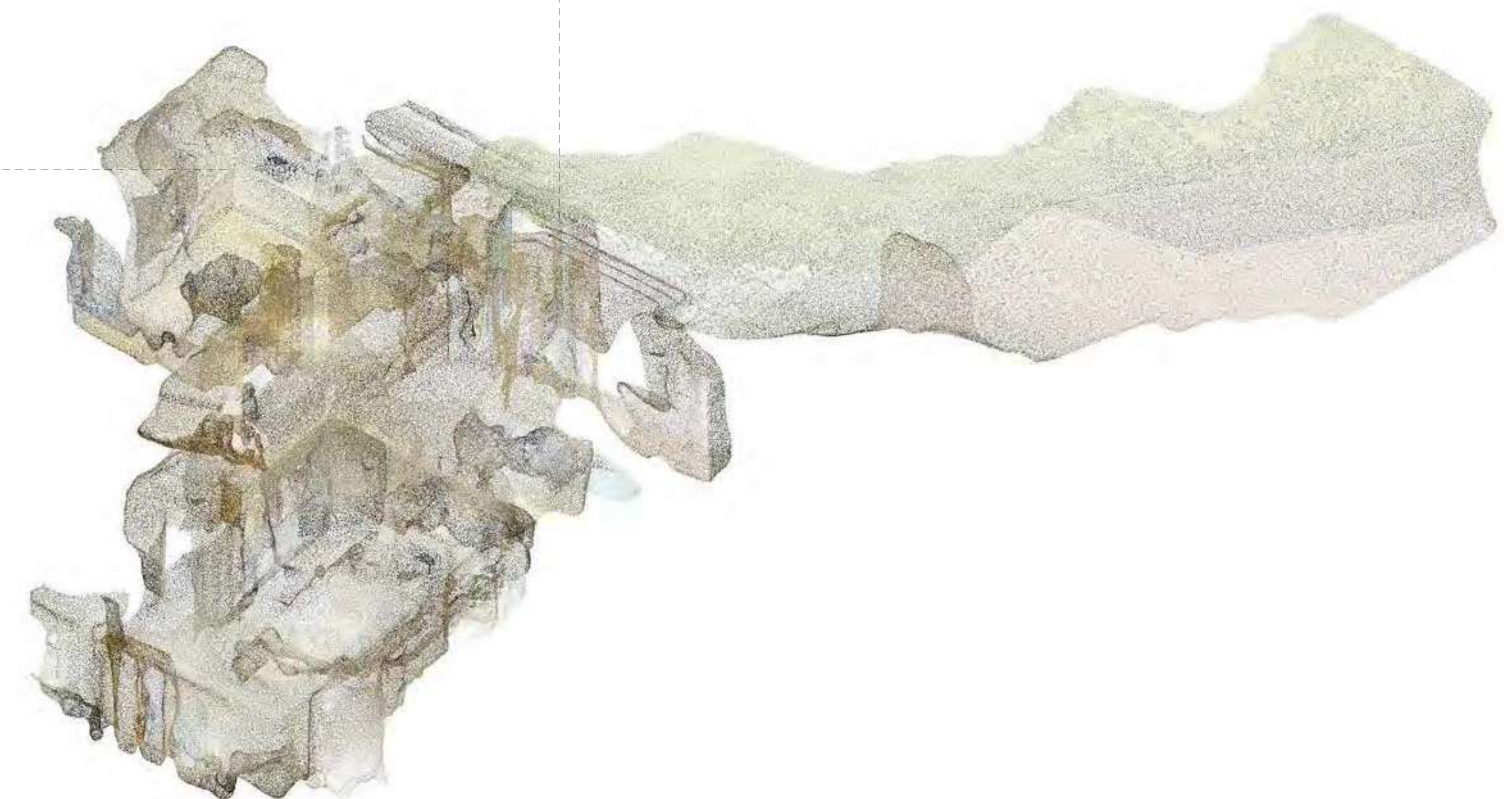
Lounge to Bedroom



Bedroom to Kitchen

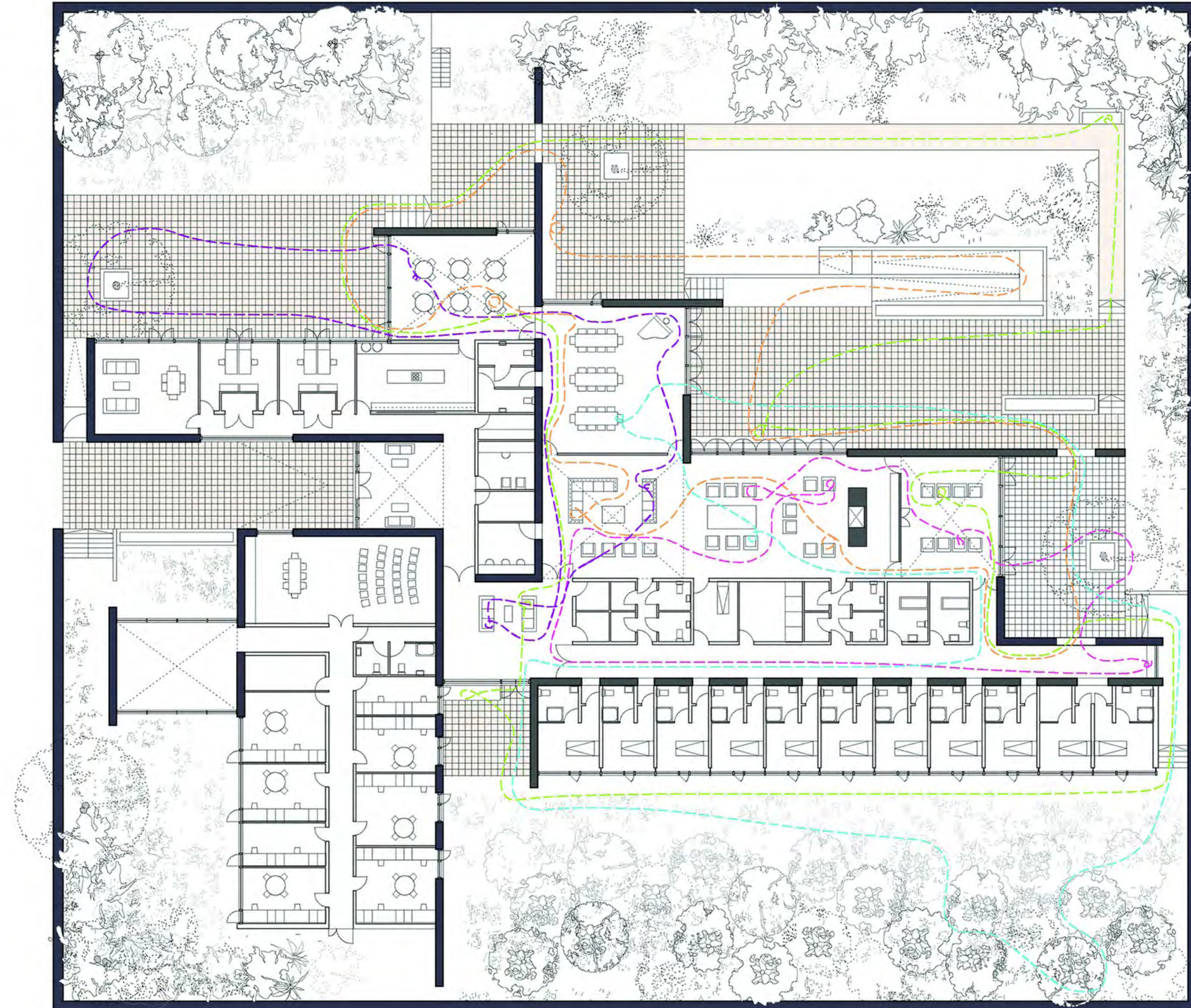


Kitchen to Dining

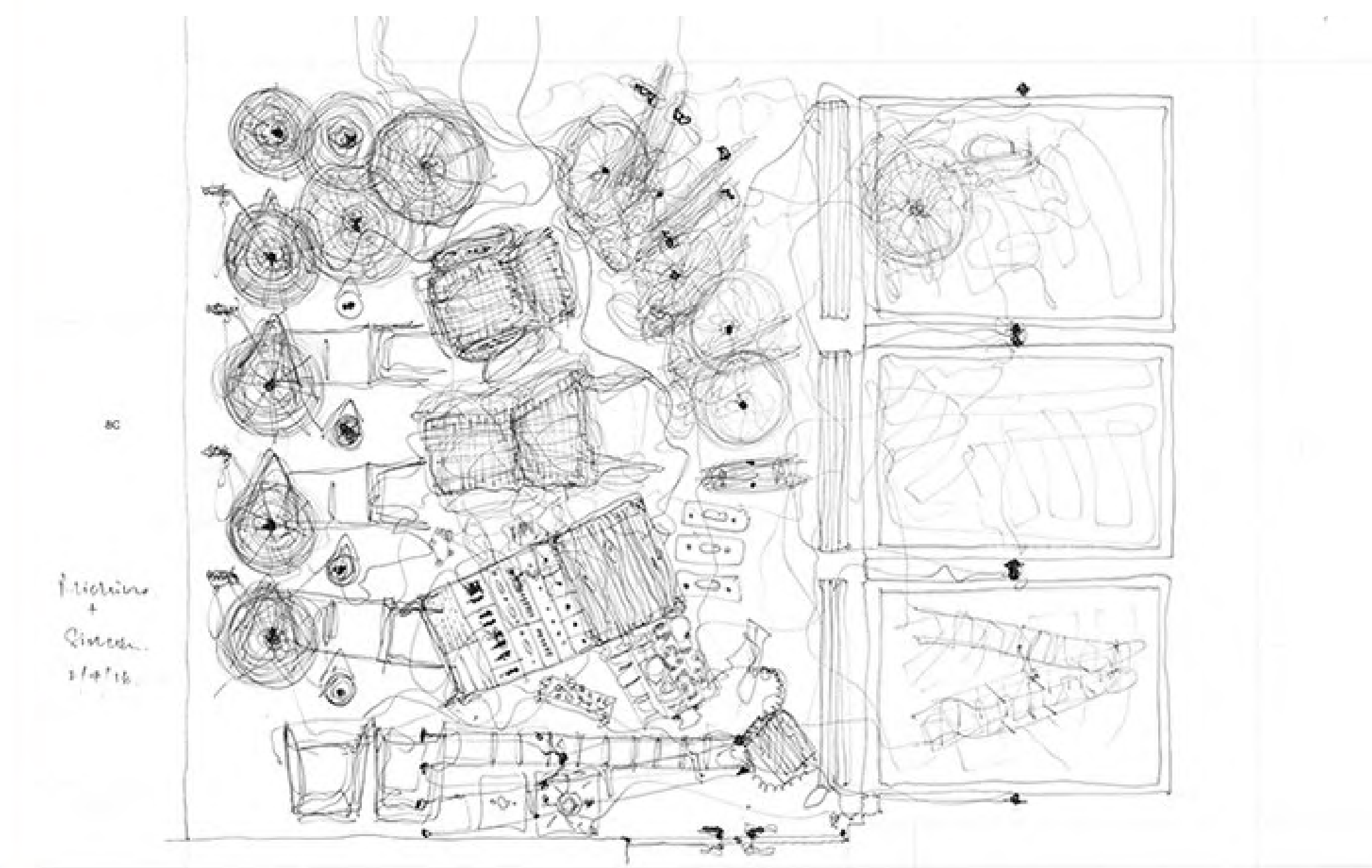
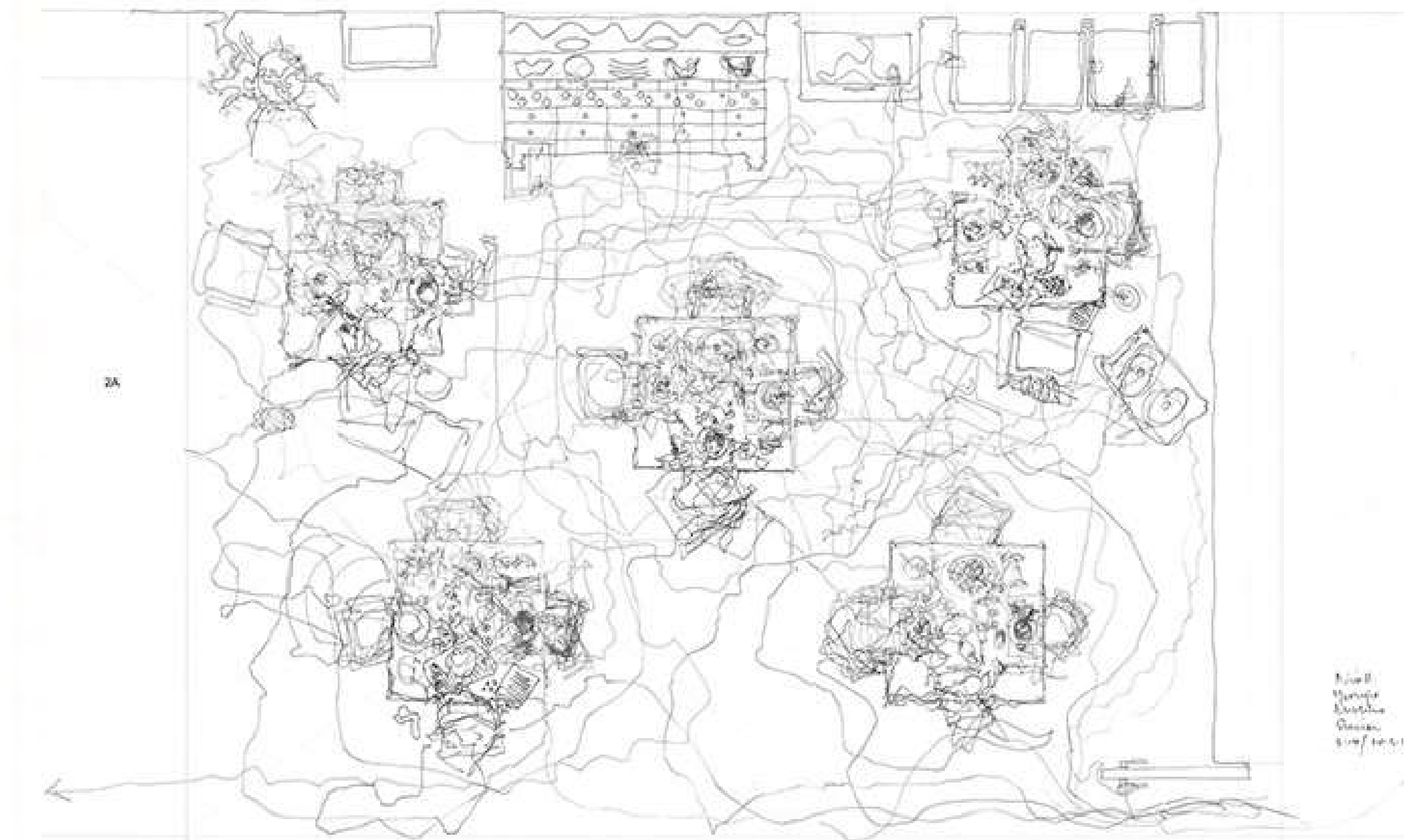


Coming Home

5 Different Routes = 5 Different Houses



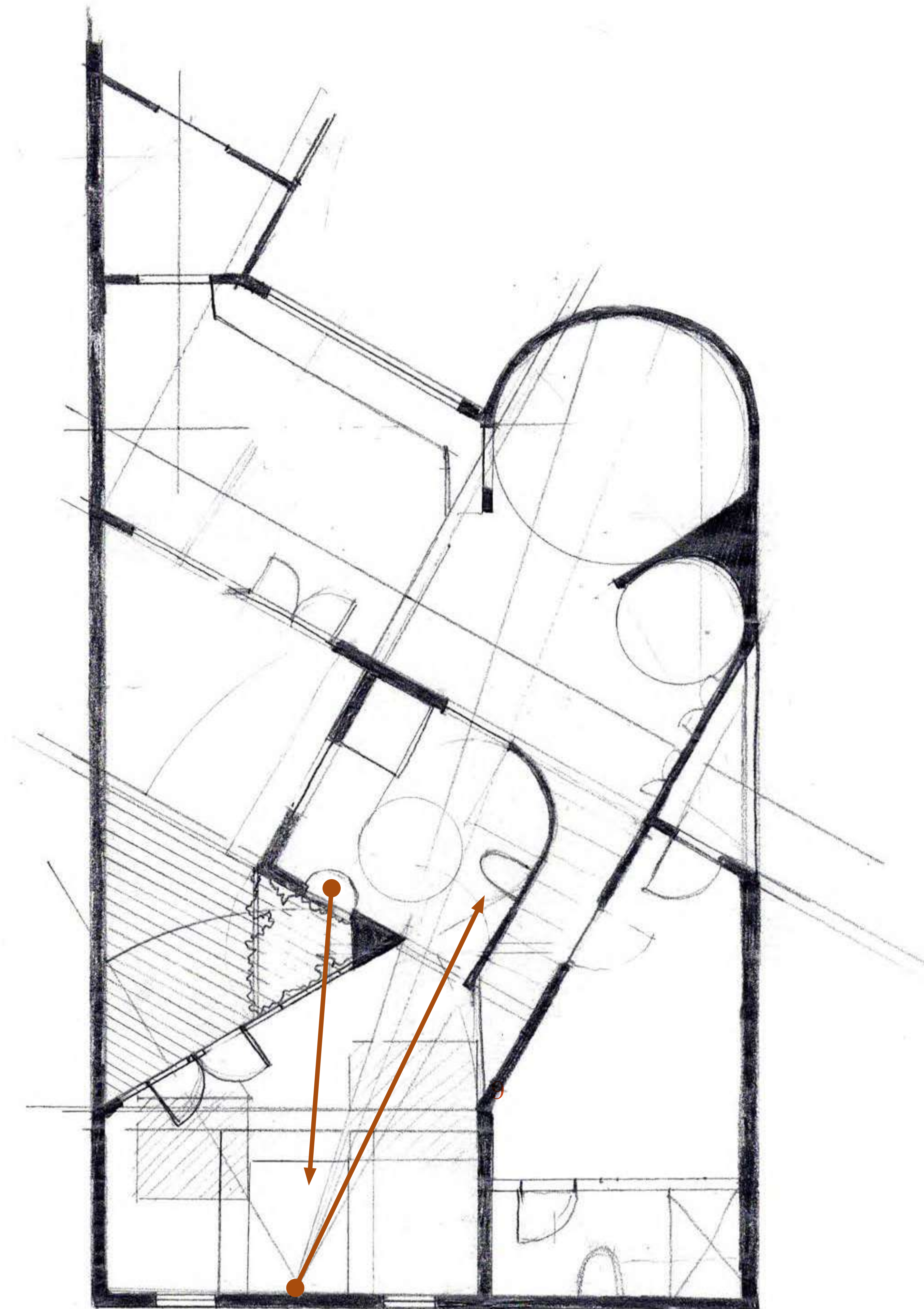
Alzheimers Respite Centre - Ground Floor Plan - Niall McLaughlin Architects



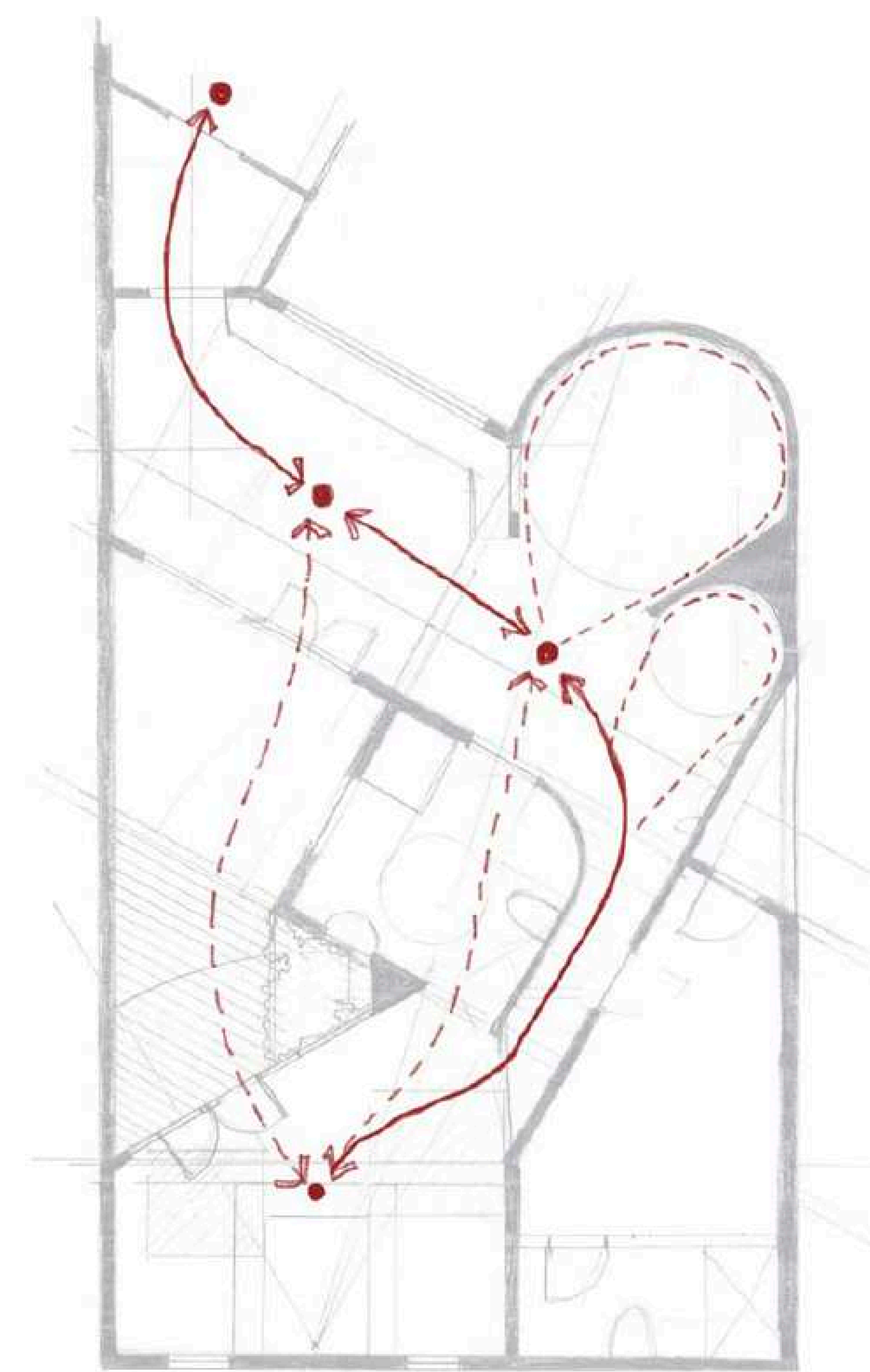
Research Precedent
Losing Myself - Niall McLaughlin

How can understanding of spatial perception changes in Alzheimers be applied architecturally to support people living with Alzheimers and their families, prolonging independence within the community?

THE EGOCENTRIC INTERIOR



The **Egocentric** Interior Plan



Route Based

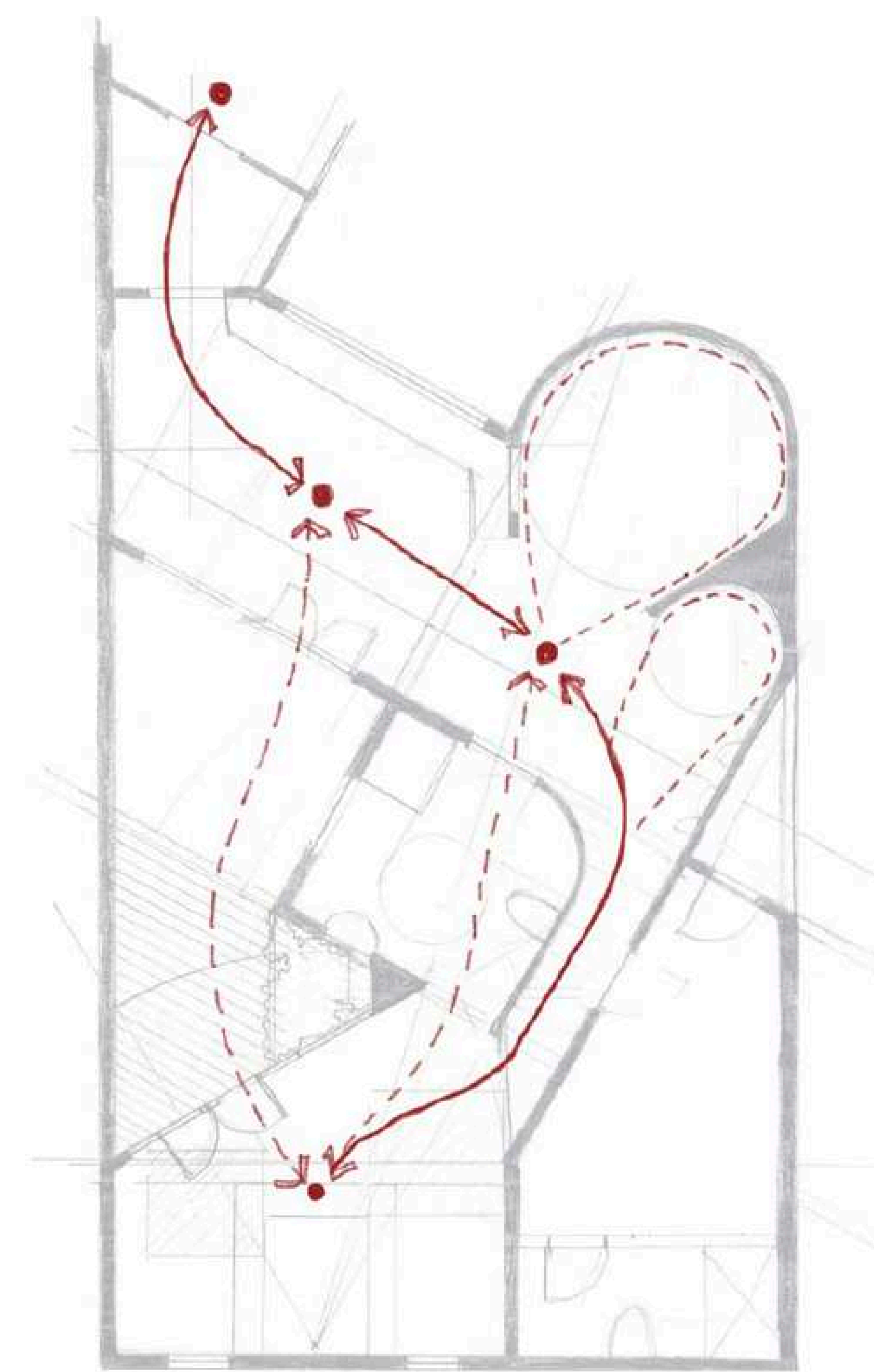


Legible Materiality

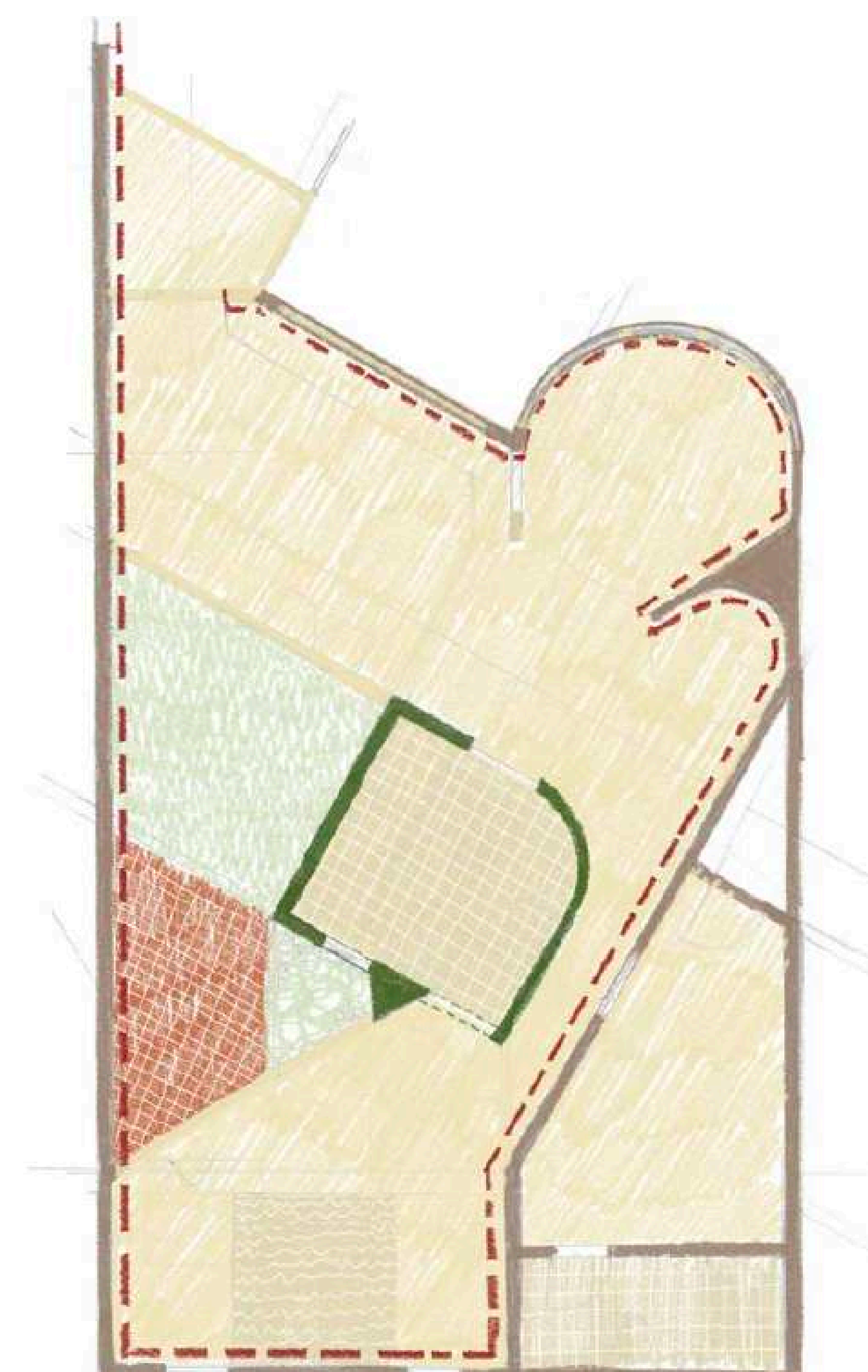


Visual Access

Egocentric Design Principles



Route Based

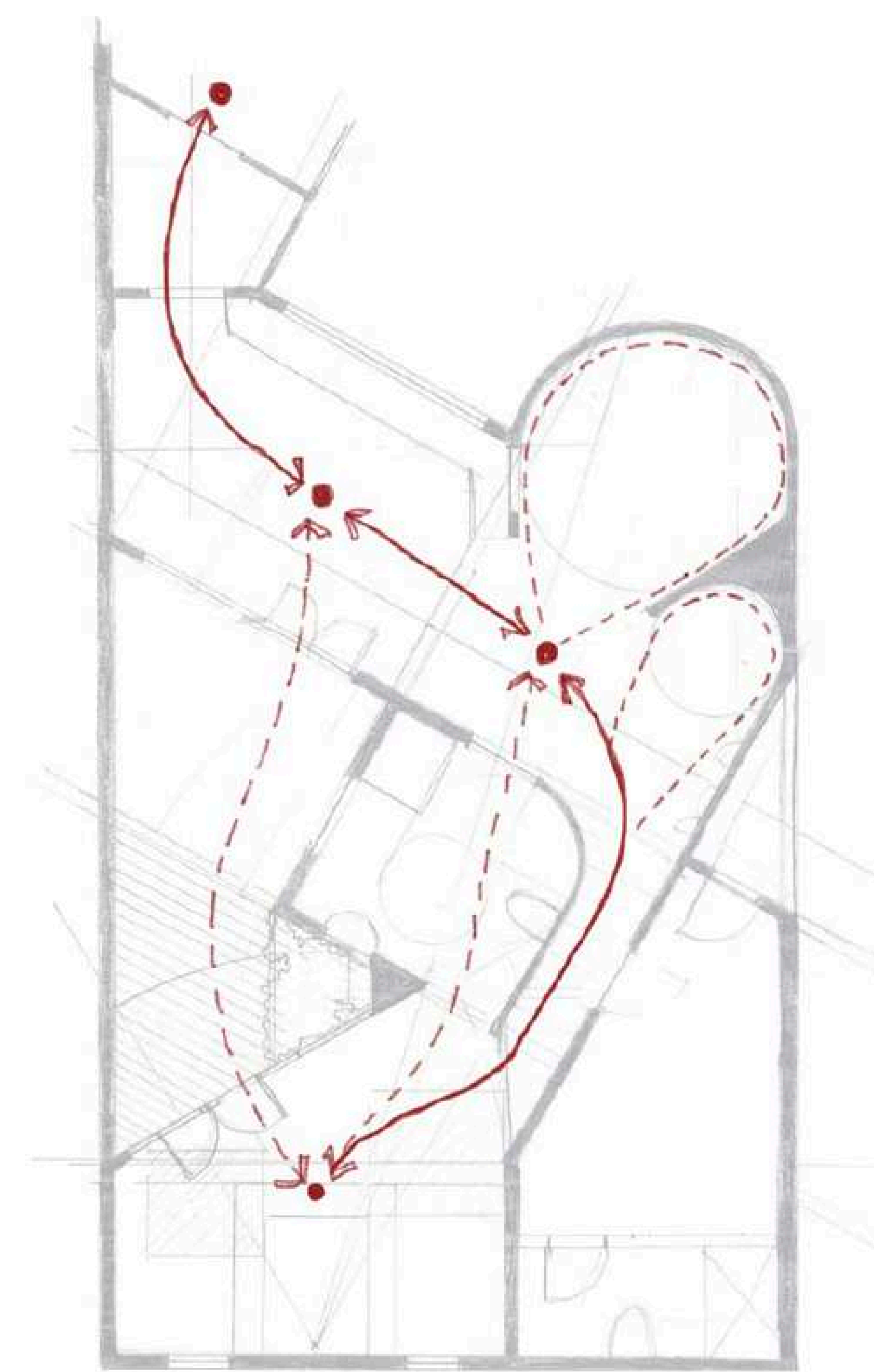


Legible Materiality

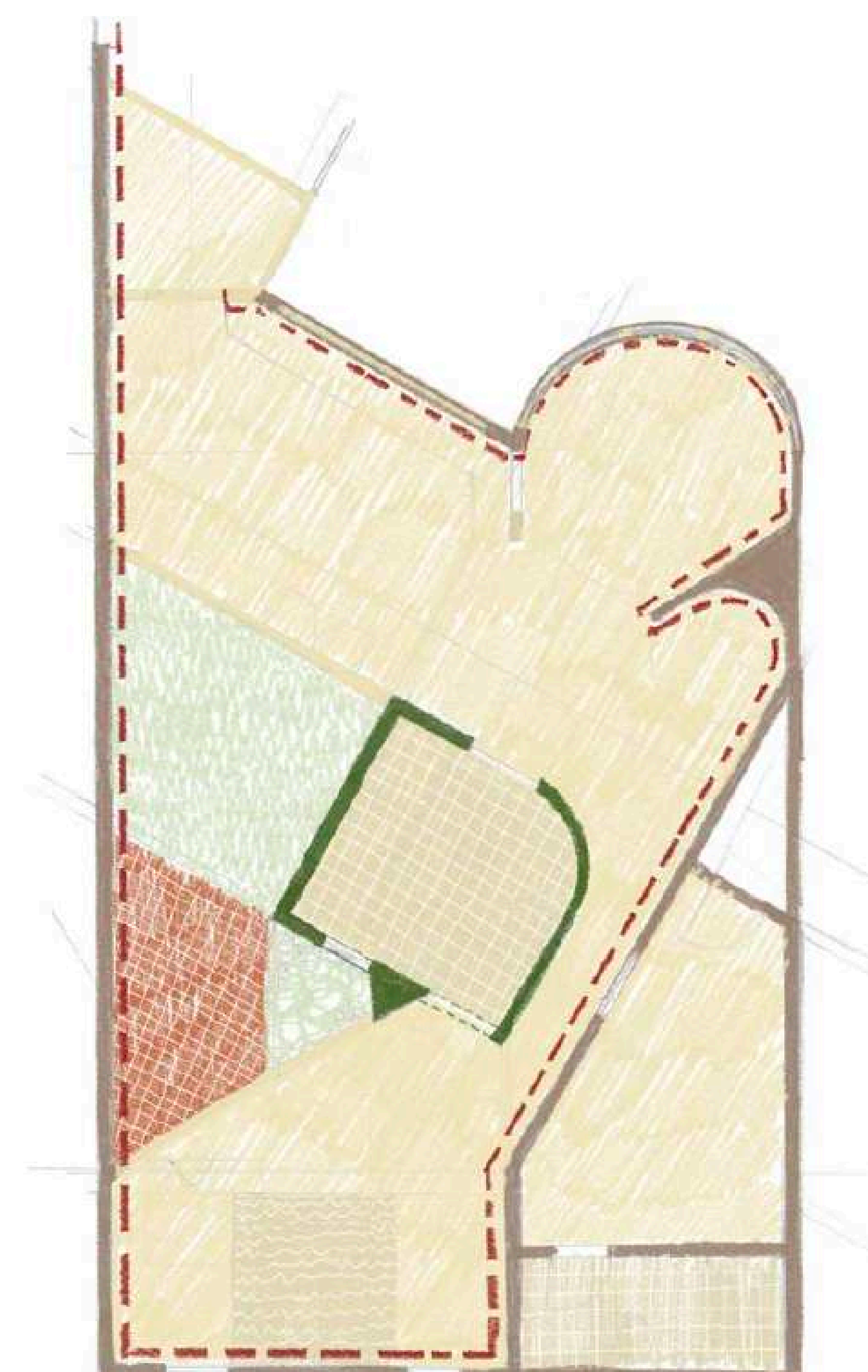


Visual Access

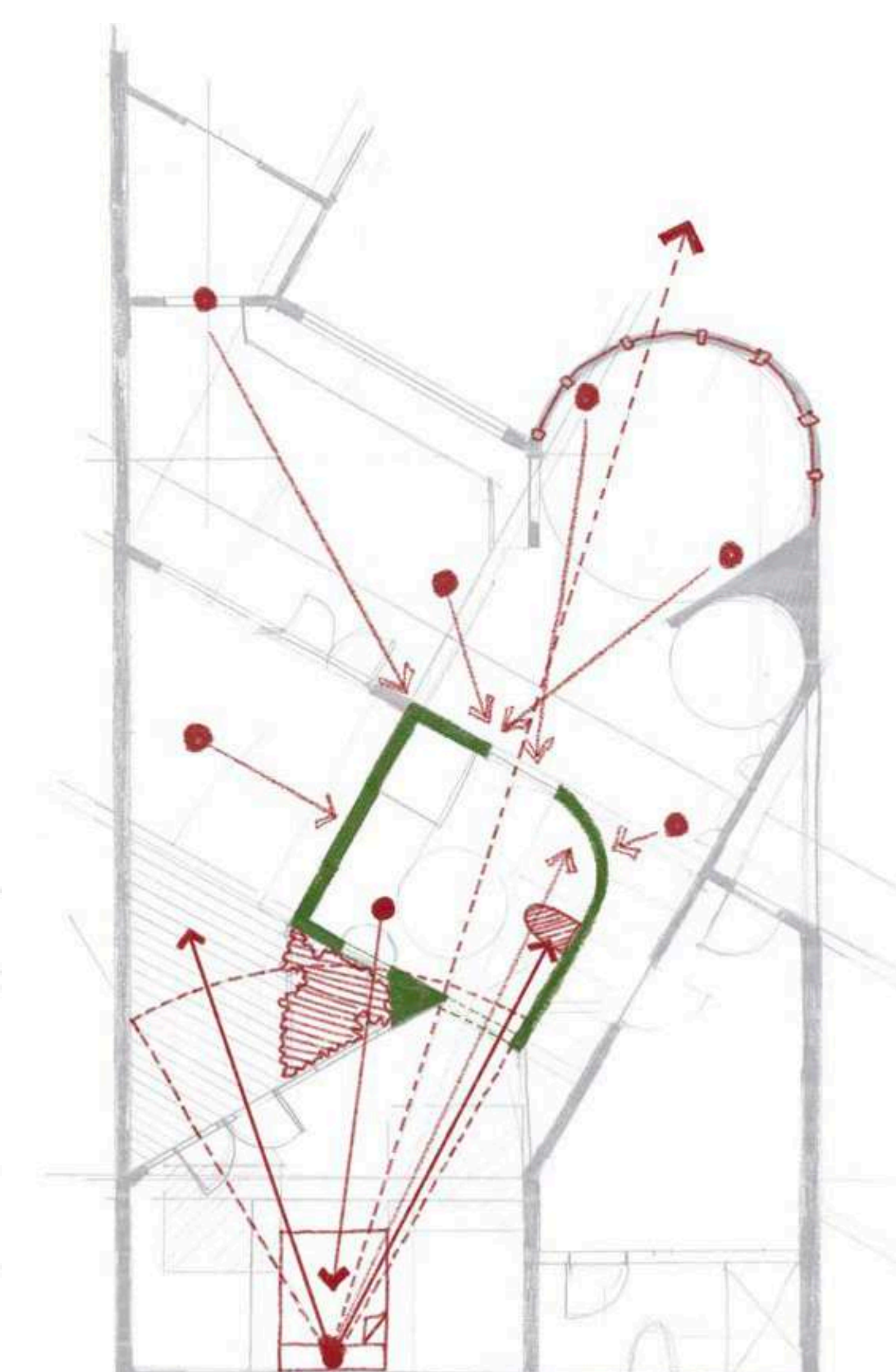
Egocentric Design Principles



Route Based

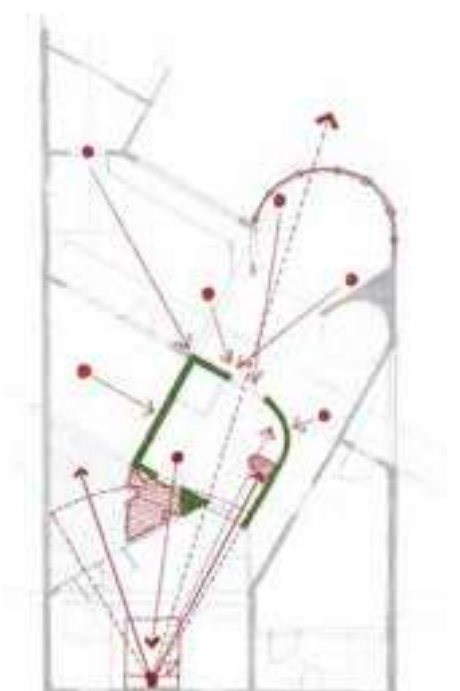


Legible Materiality

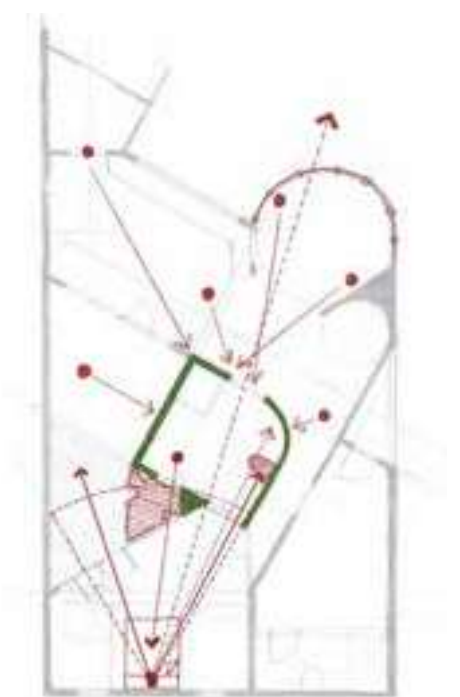


Visual Access

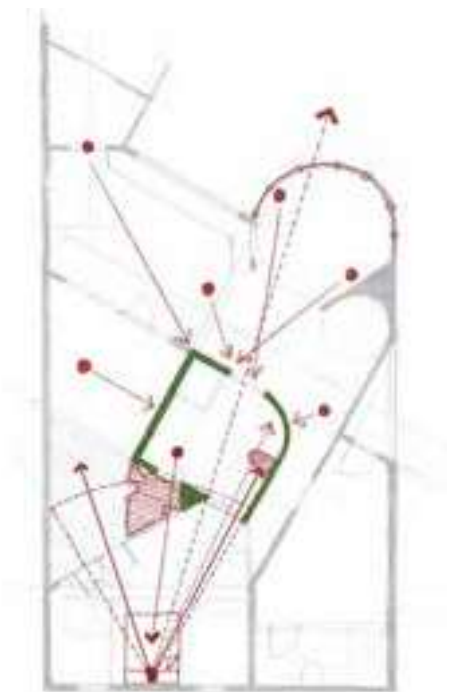
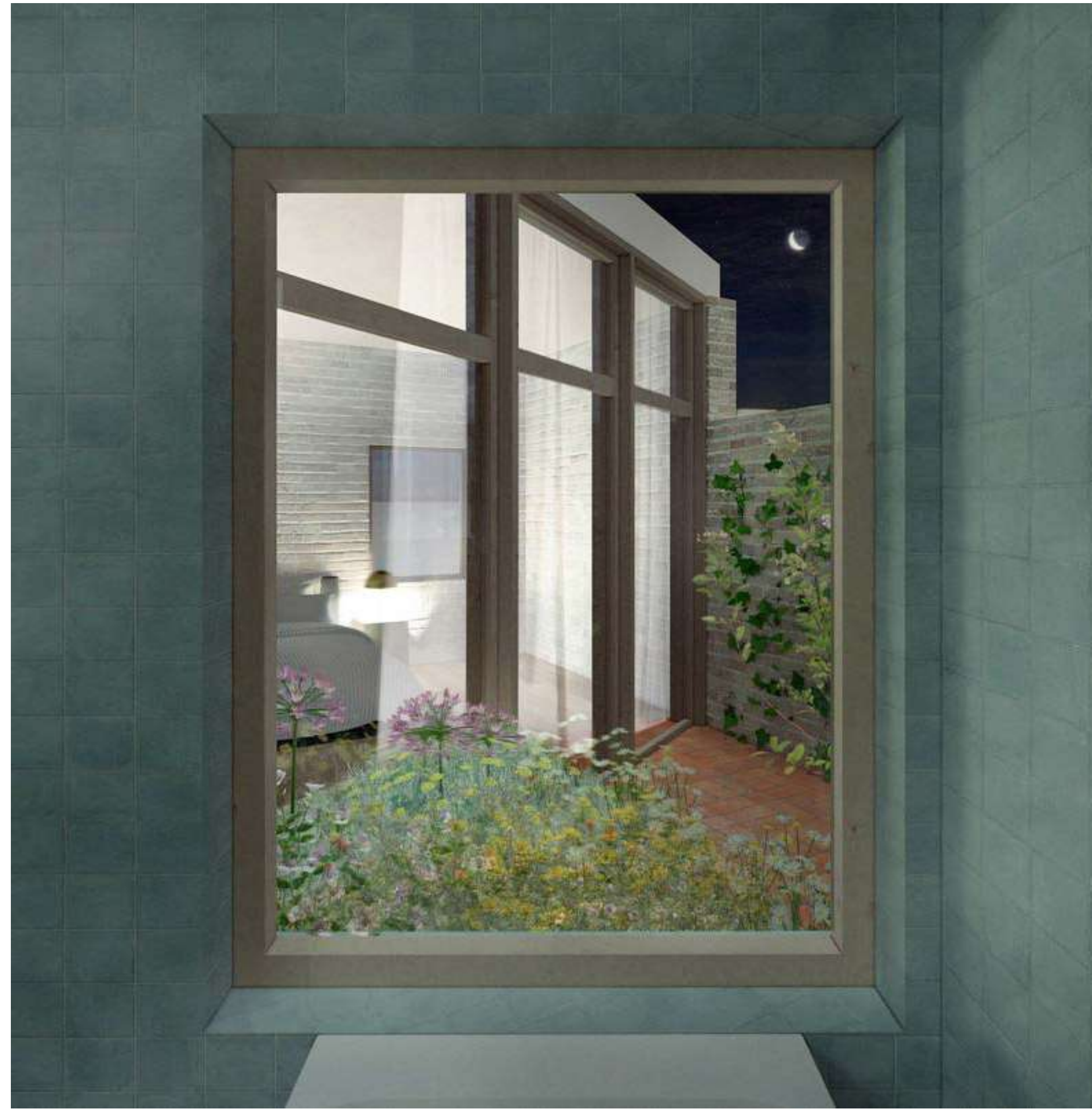
Egocentric Design Principles



Reciprocal Views From Bed To Bathroom



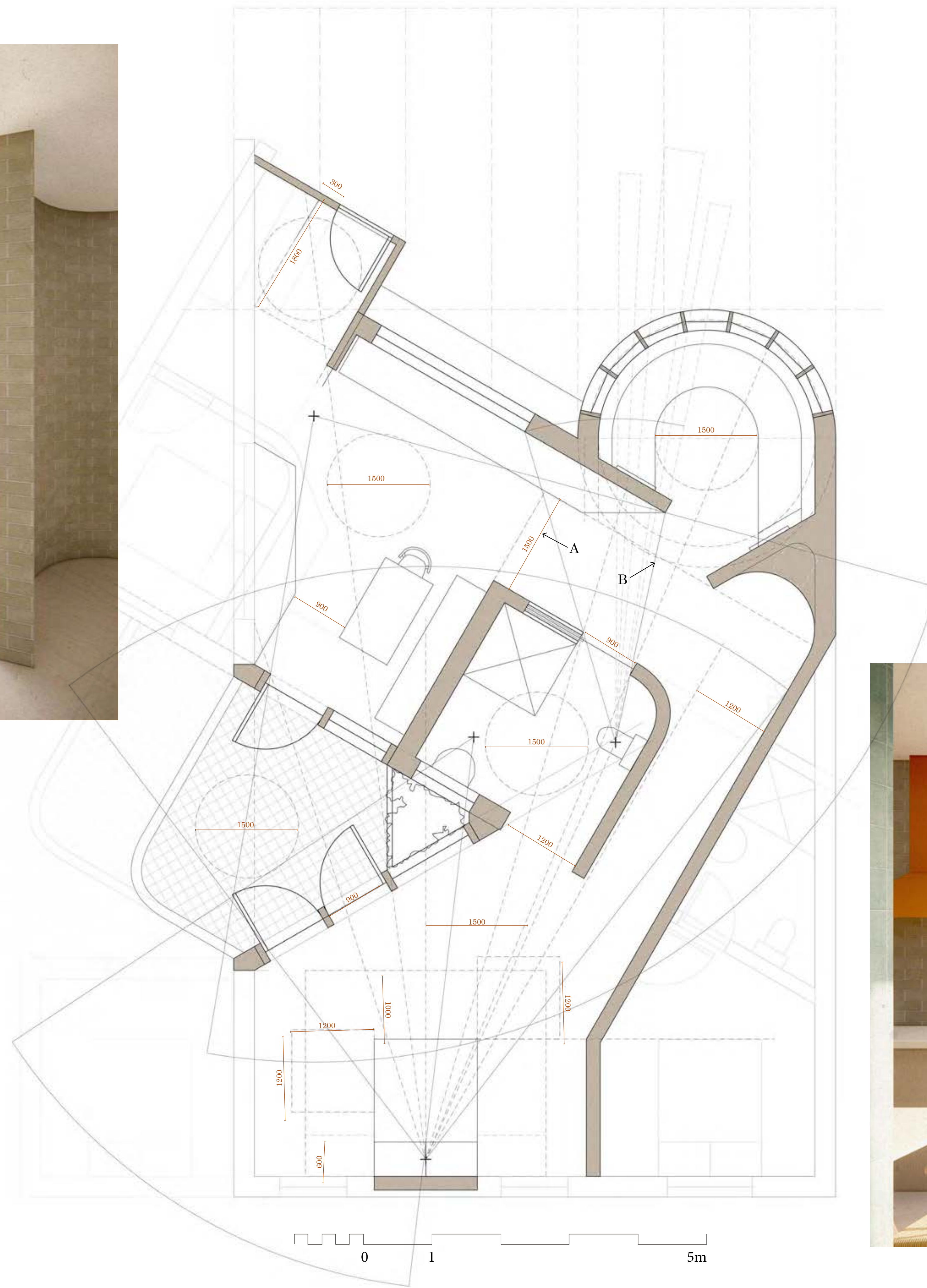
Reciprocal Views From Bed To Bathroom



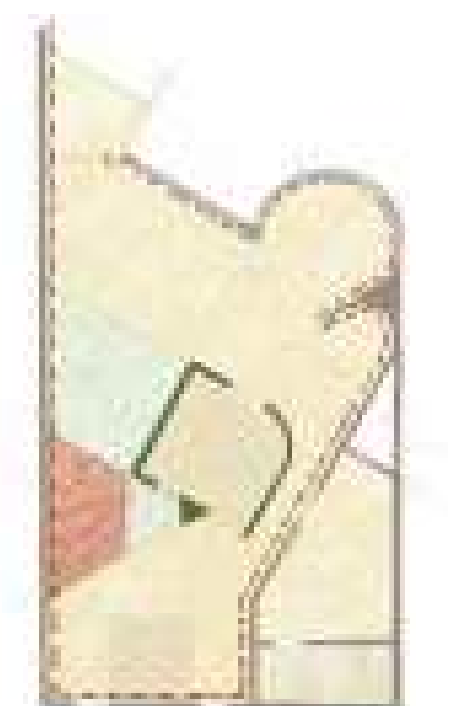
Reciprocal Views From Bed To Bathroom



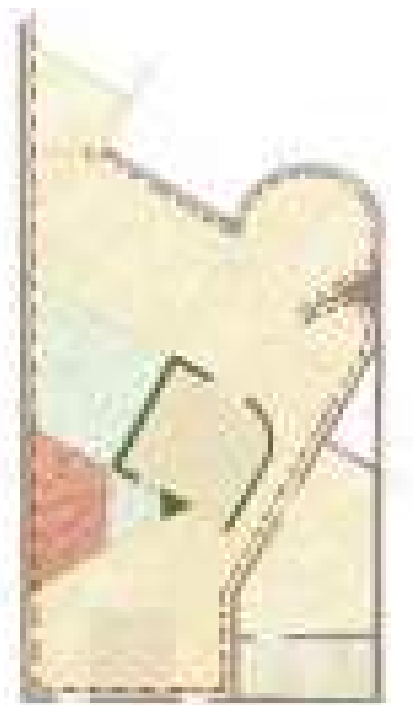
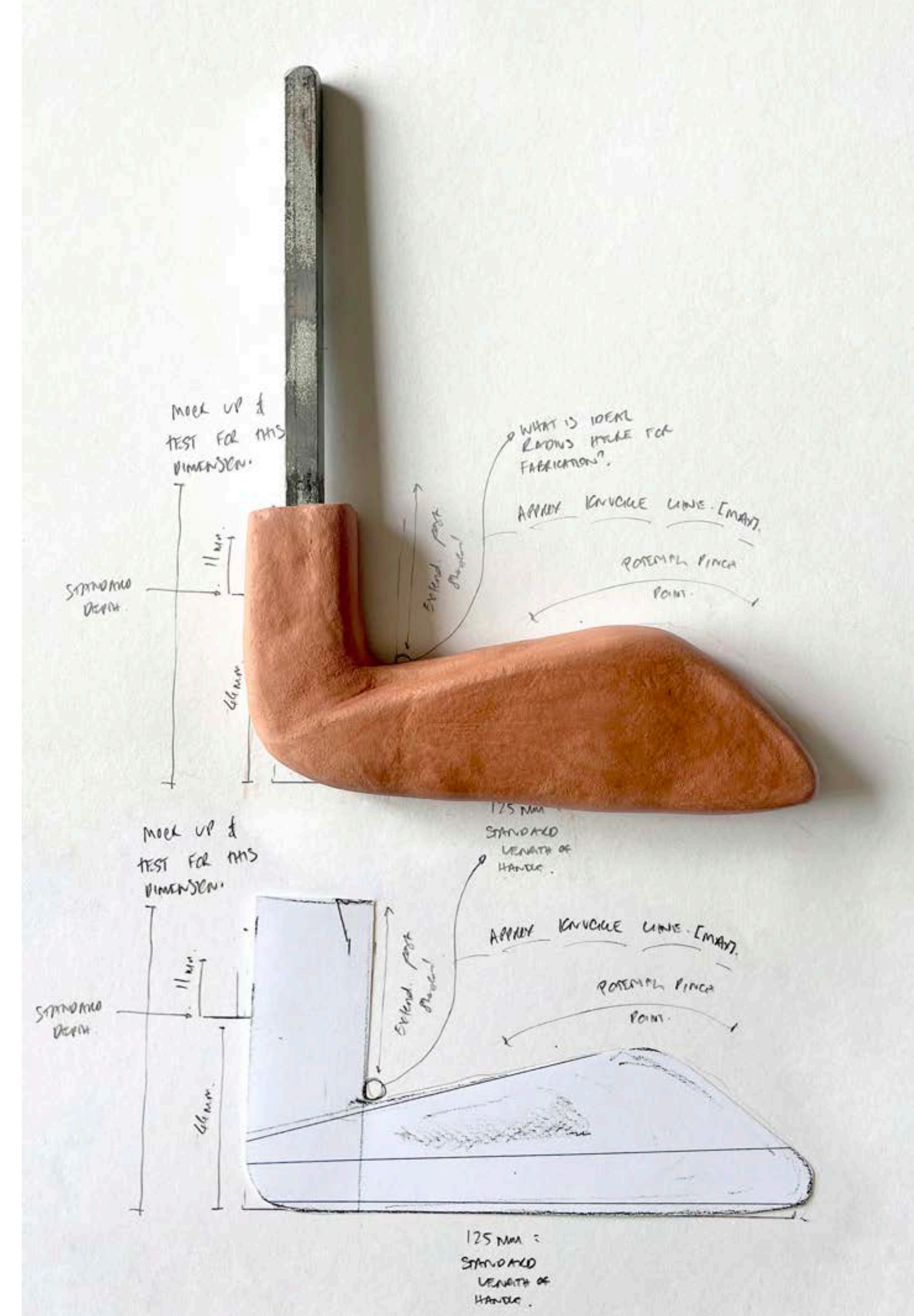
Refining A Core Layout



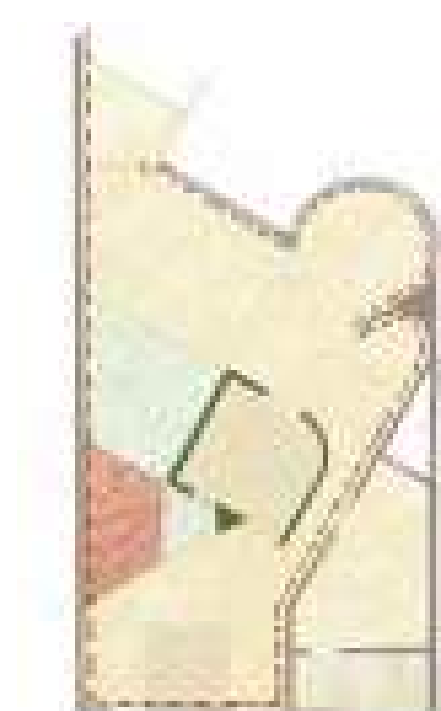
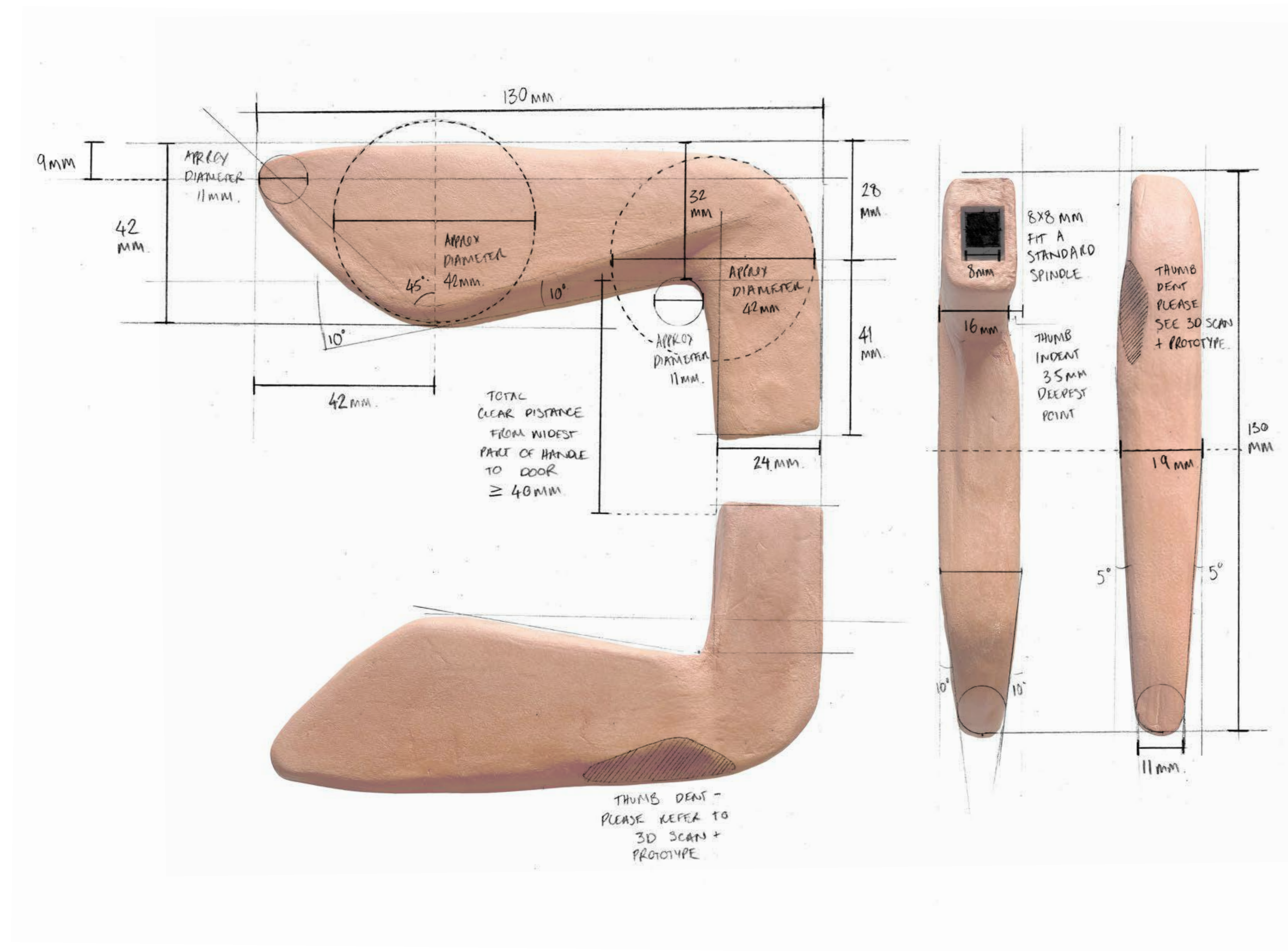
Refining A Core Layout



A Legible Material Language



Key Touch Points

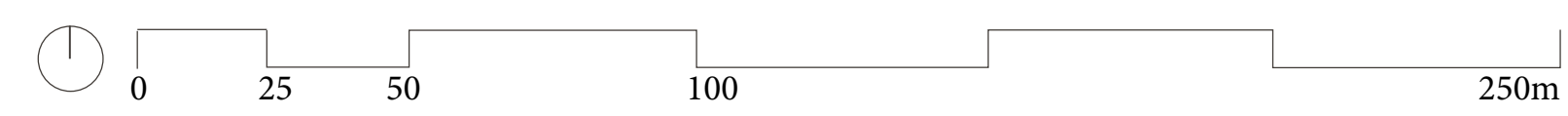


An Informative Material Language

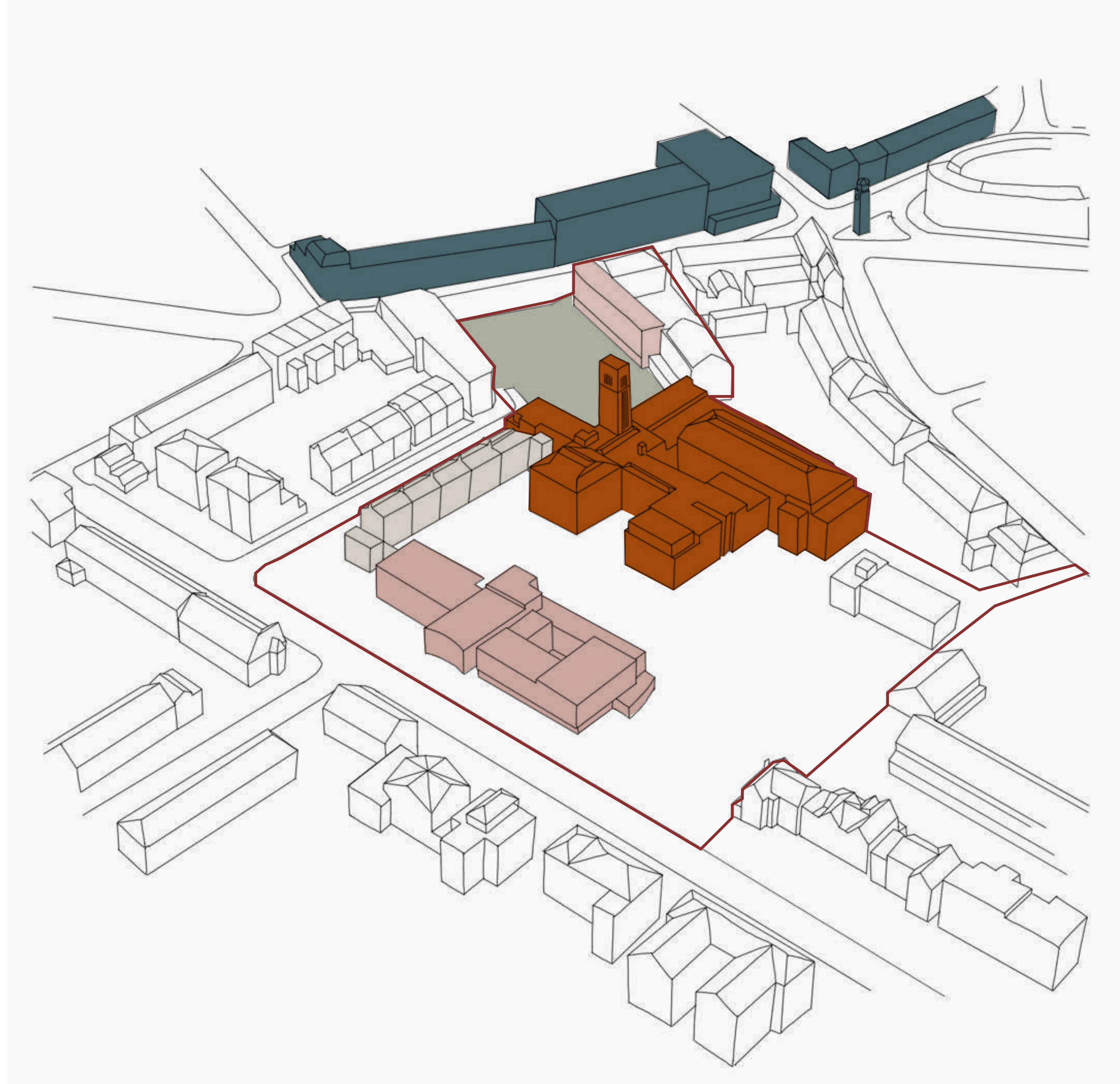
THE PIONEER SITE:
CROUCH END N8 9FF

‘In the UK there is a recent history of building housing for older people out by the bypass, in undesirable locations where land is cheap. There is no public life - cafés, shopping, music, people stopping to chat’

Patrick Devlin [consultant coordinator for HAPPI]

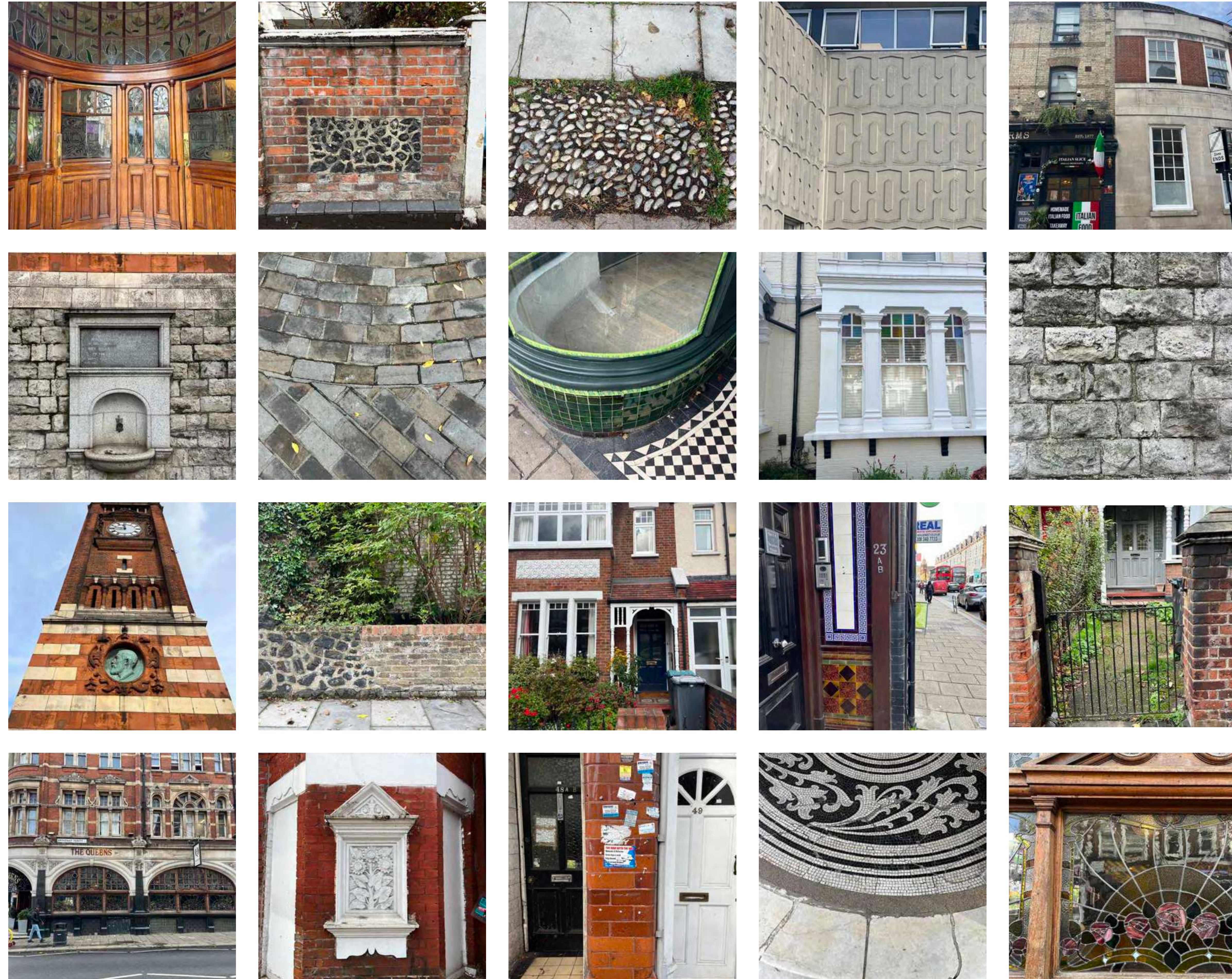


Crouch End Town Centre

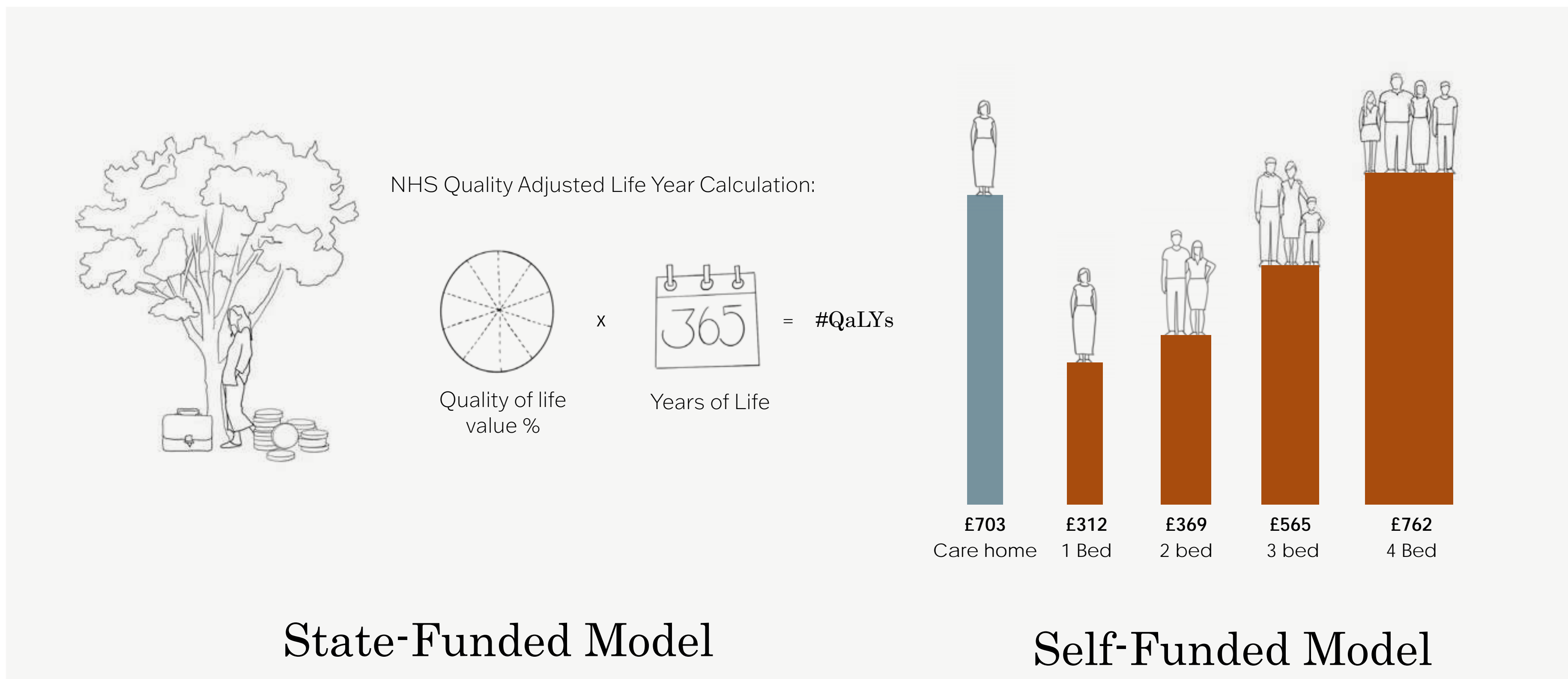
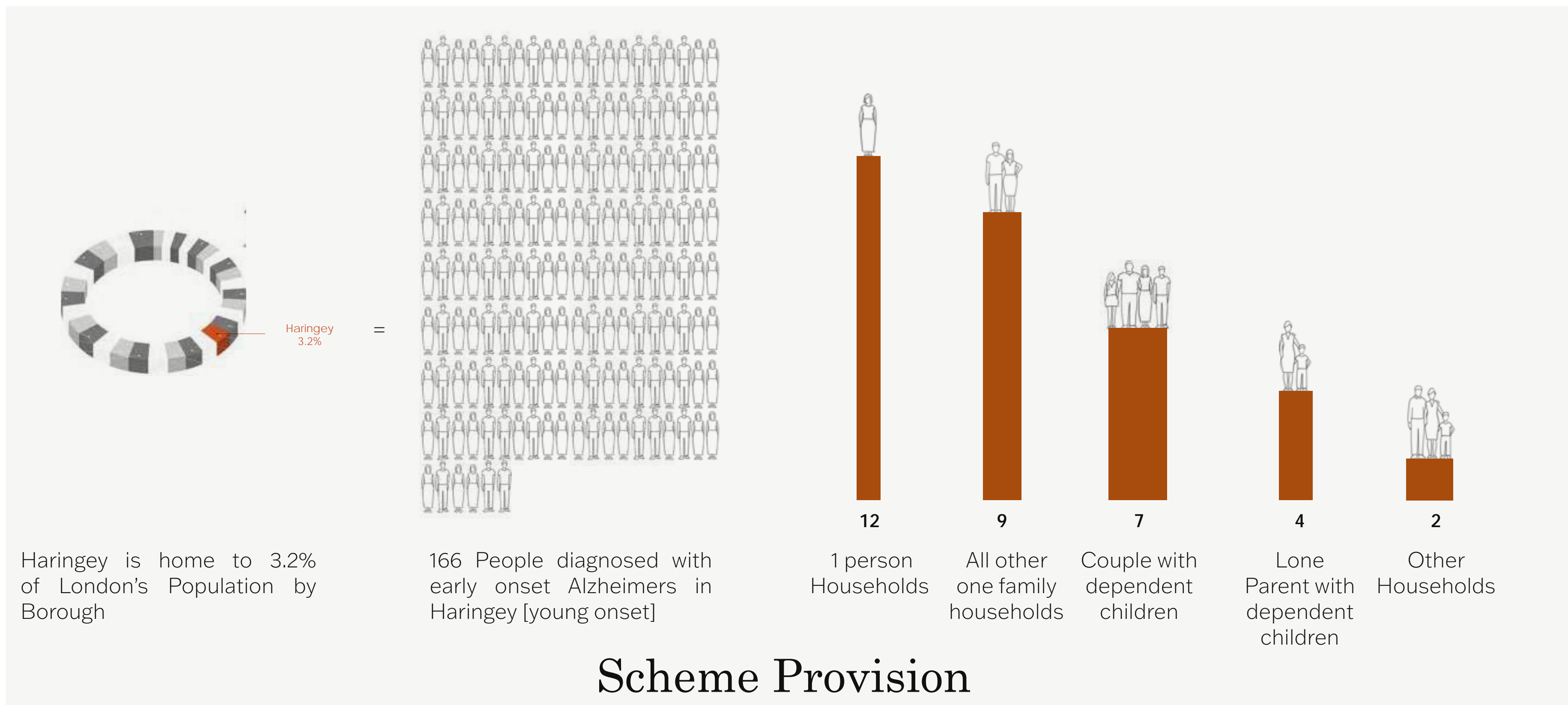
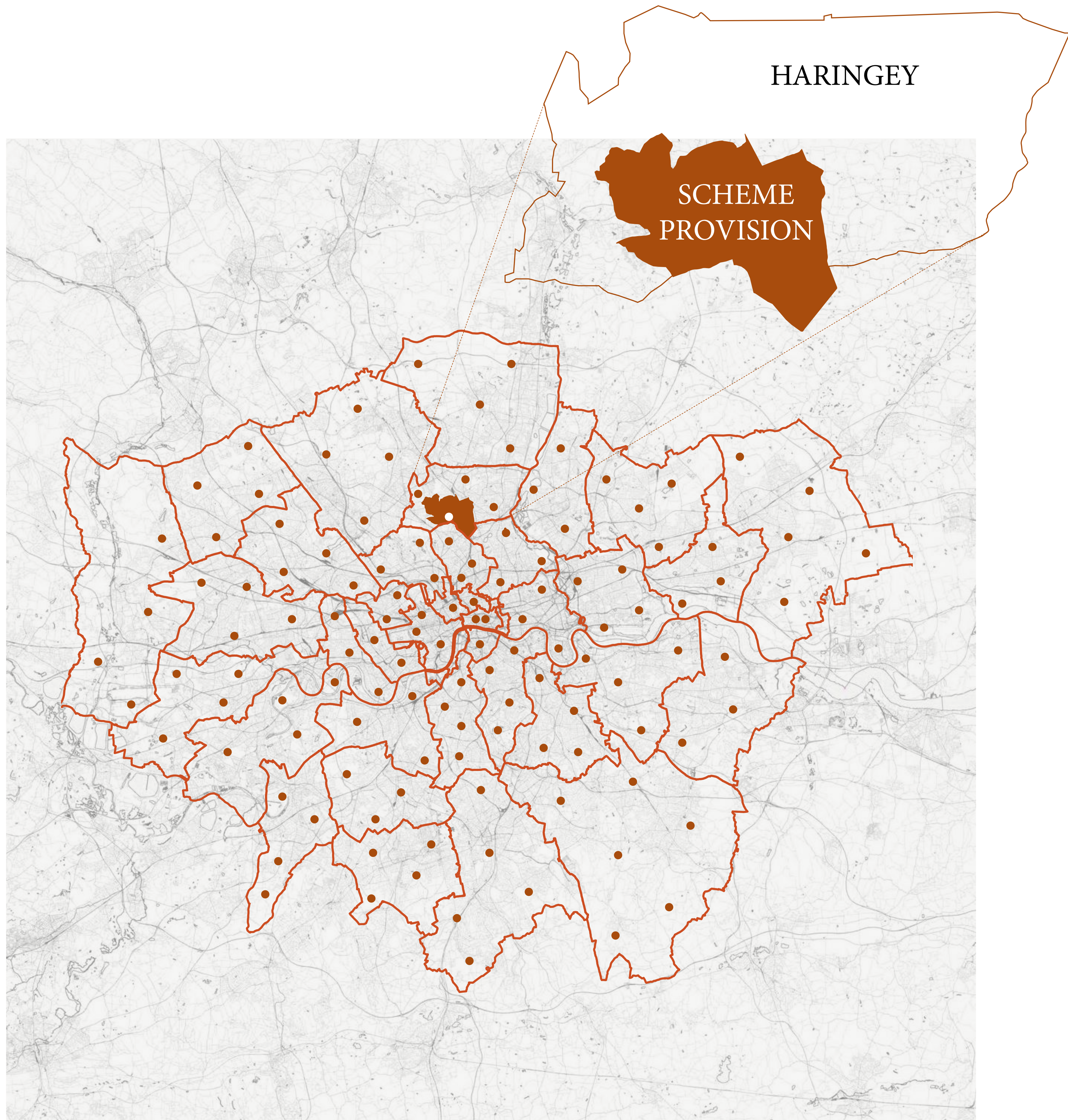


- GRADE II* LISTED
- GRADE II LISTED
- TOWN SQUARE
- HIGH STREET
- EXISTING TERRACED HOUSING
- PROPOSED SITE

Integrating with Existing Community Assets

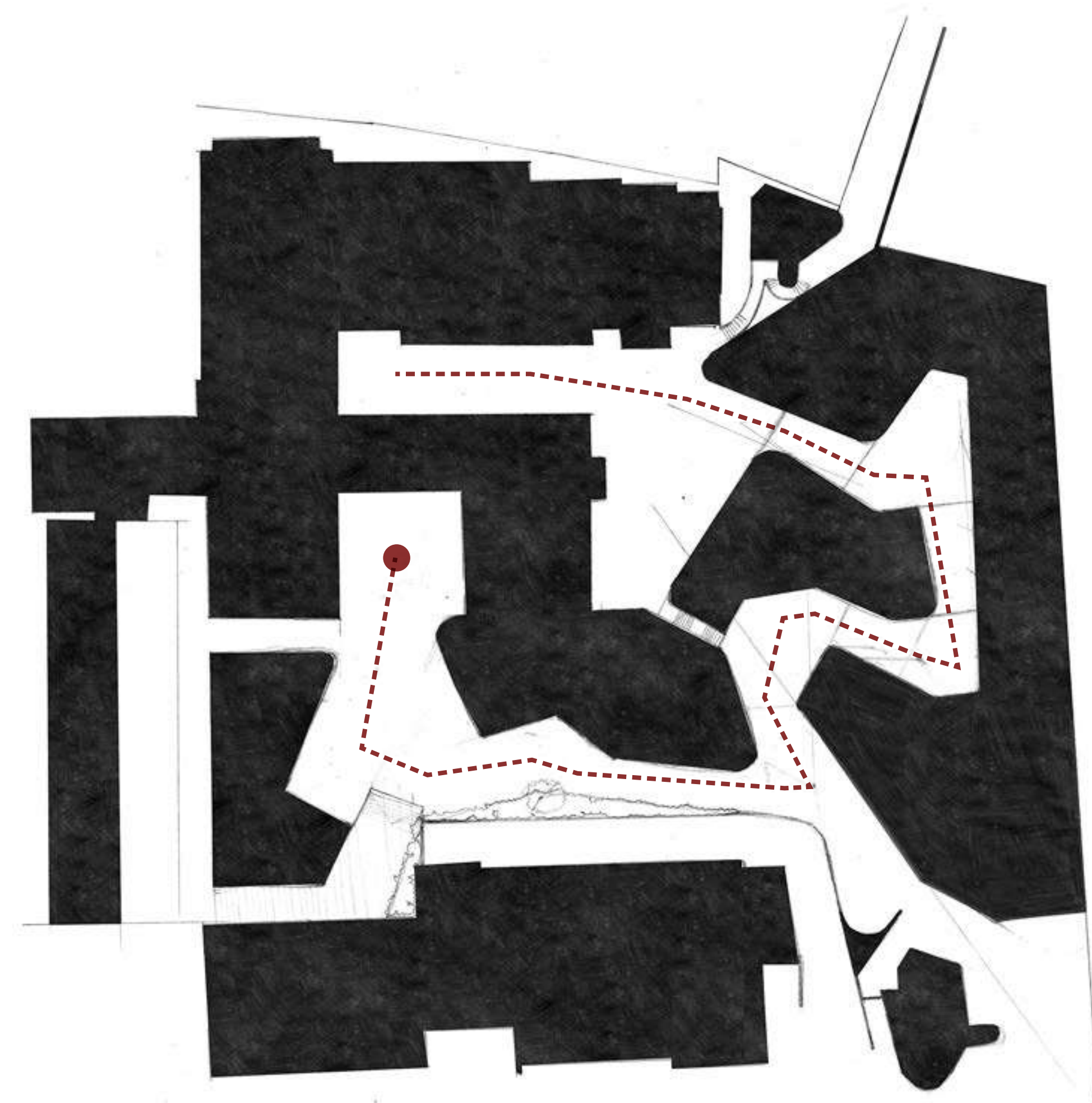


Eclectic Details Supporting **Egocentric** Navigation



Scale and Funding

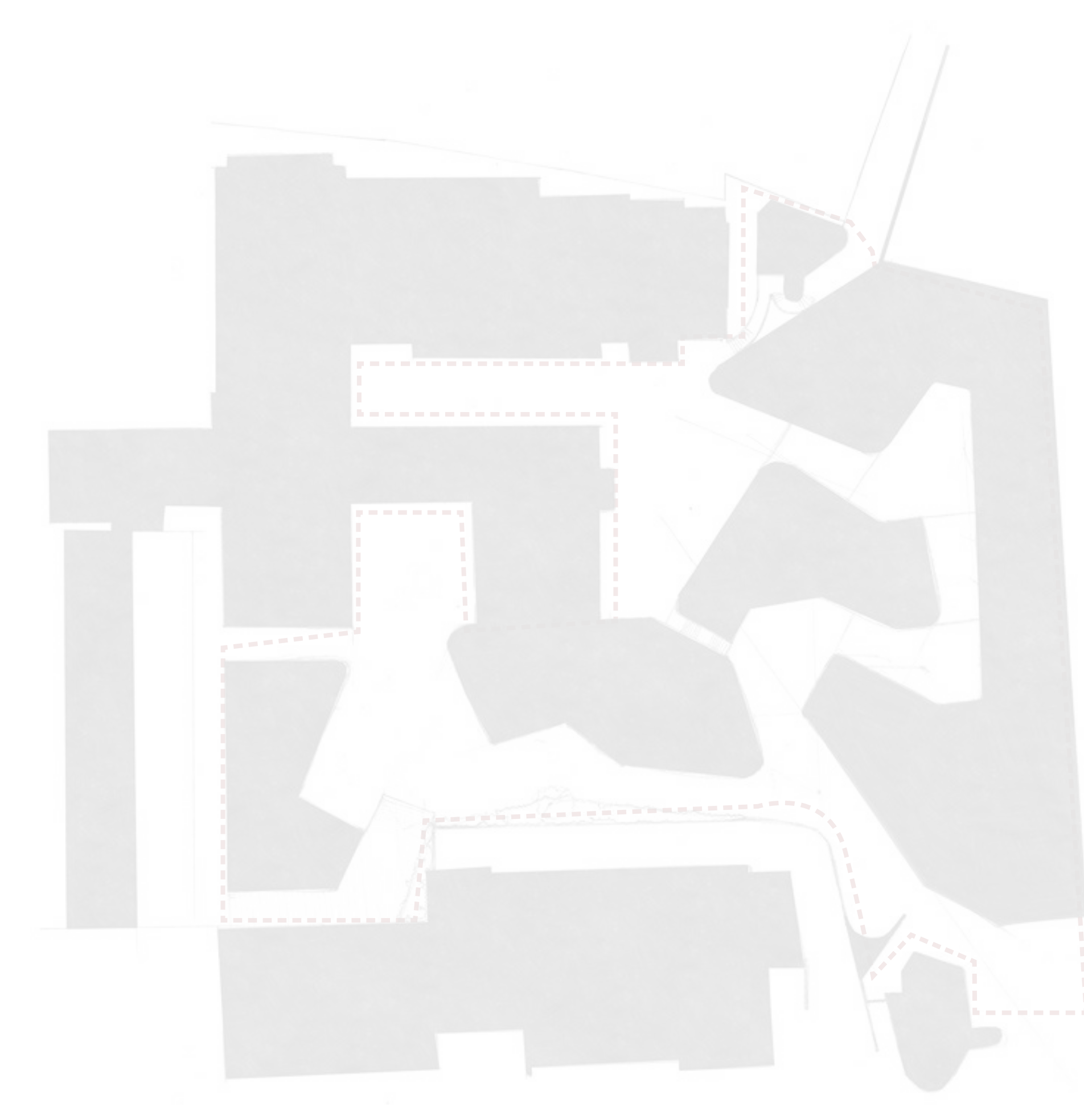
THE MASTERPLAN



One Route

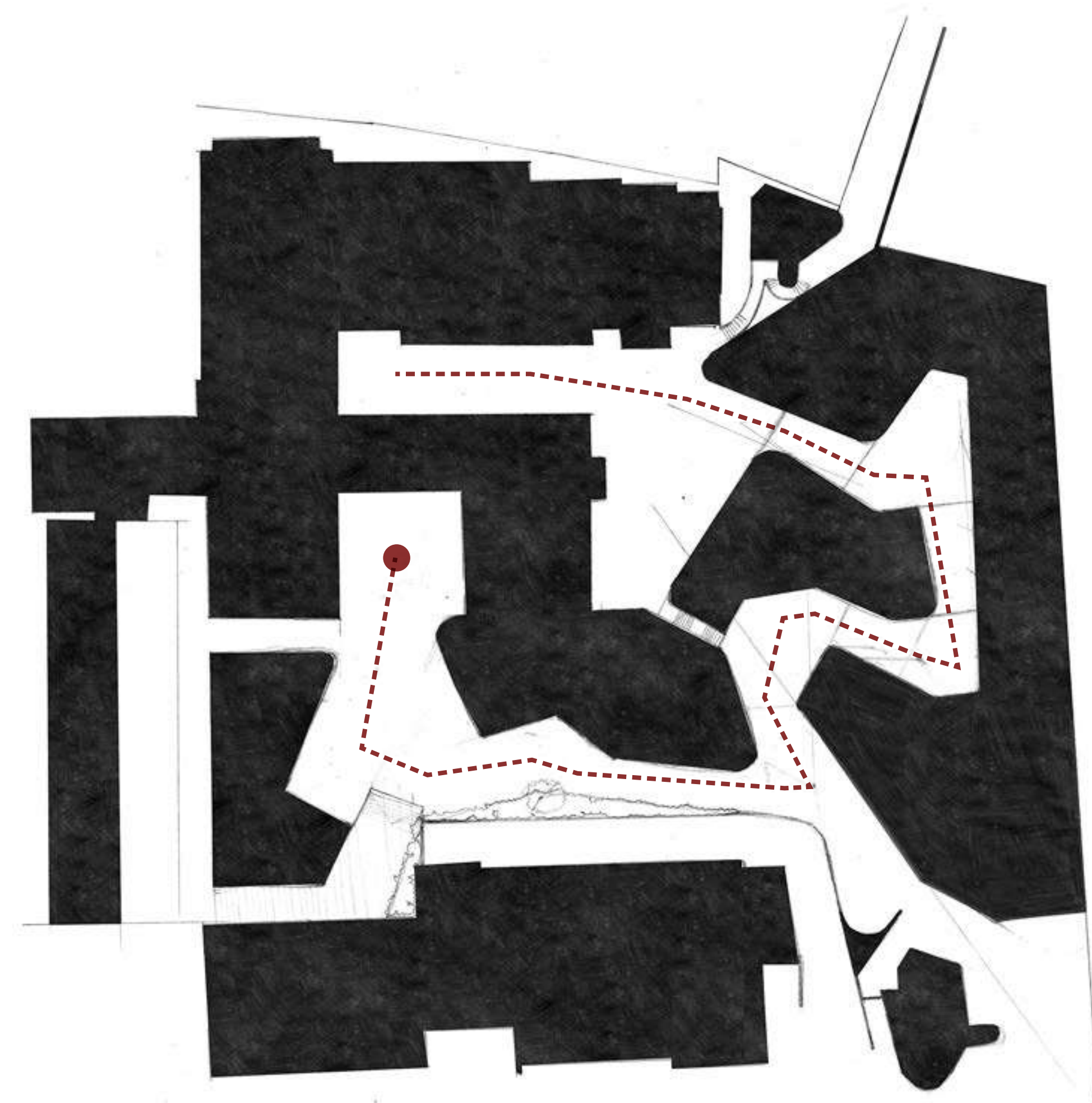


Unique Yards

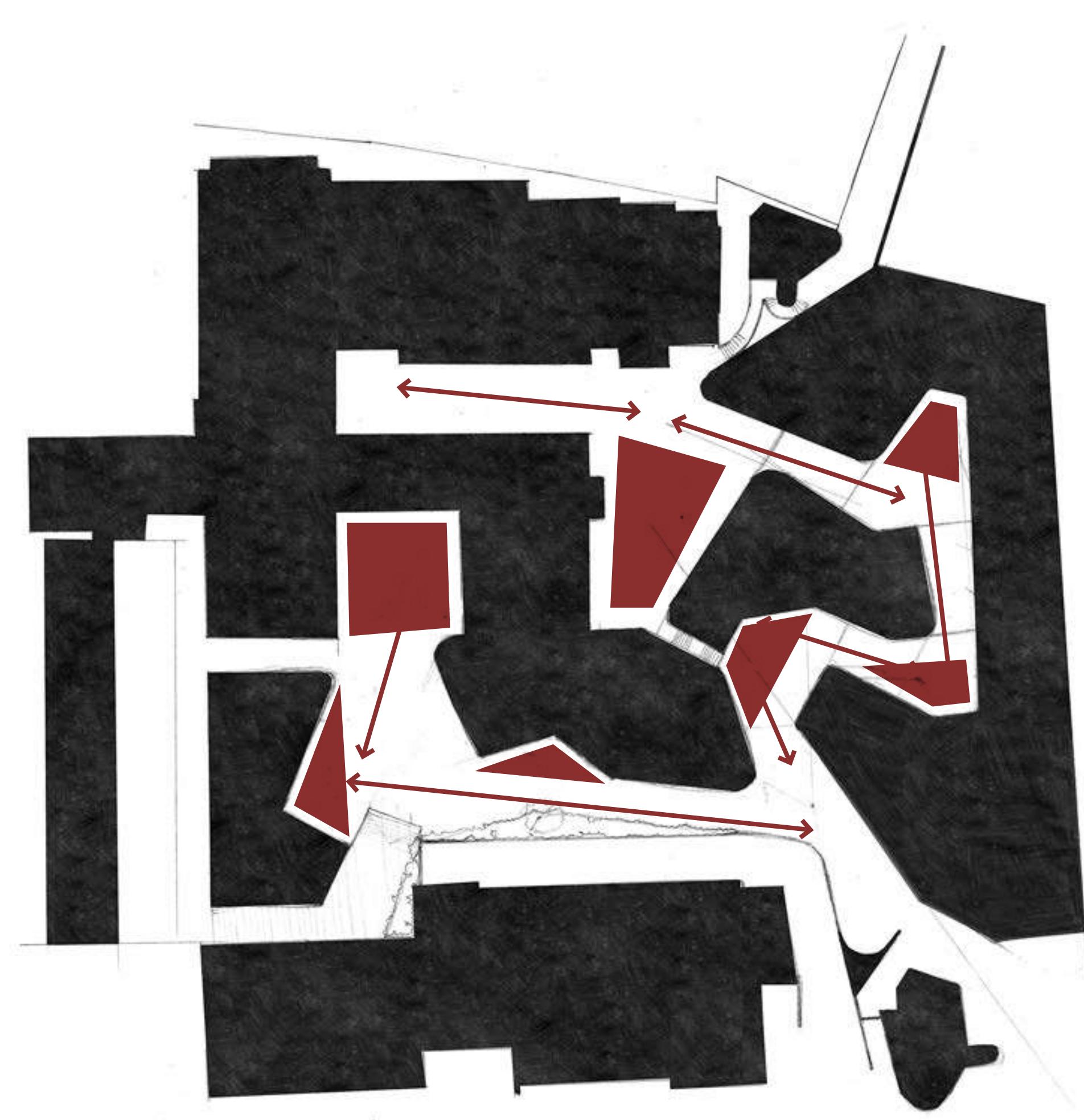


A Safe Porous Boundary

Egocentric Masterplan Design Principles



One Route

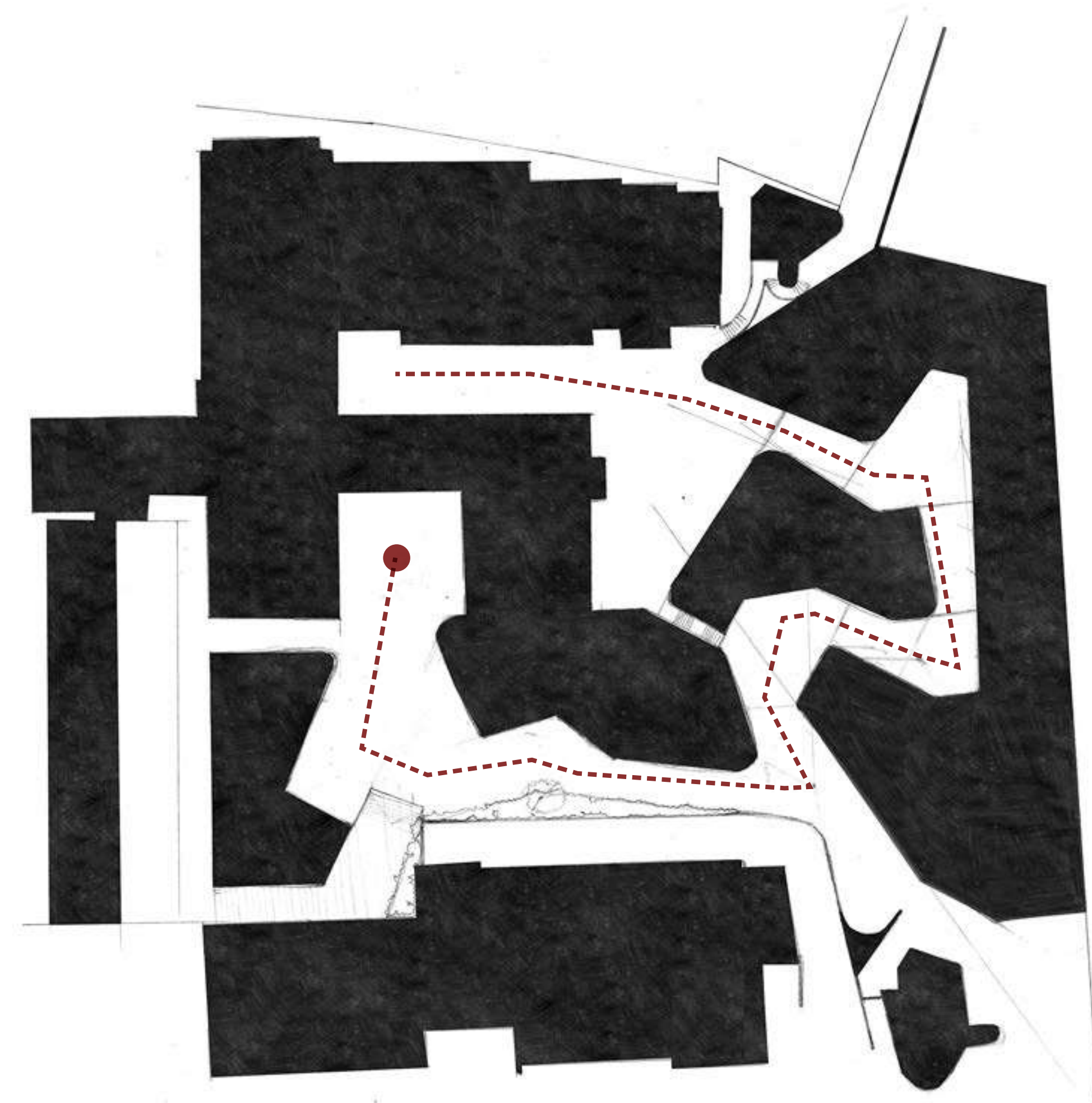


Unique Yards

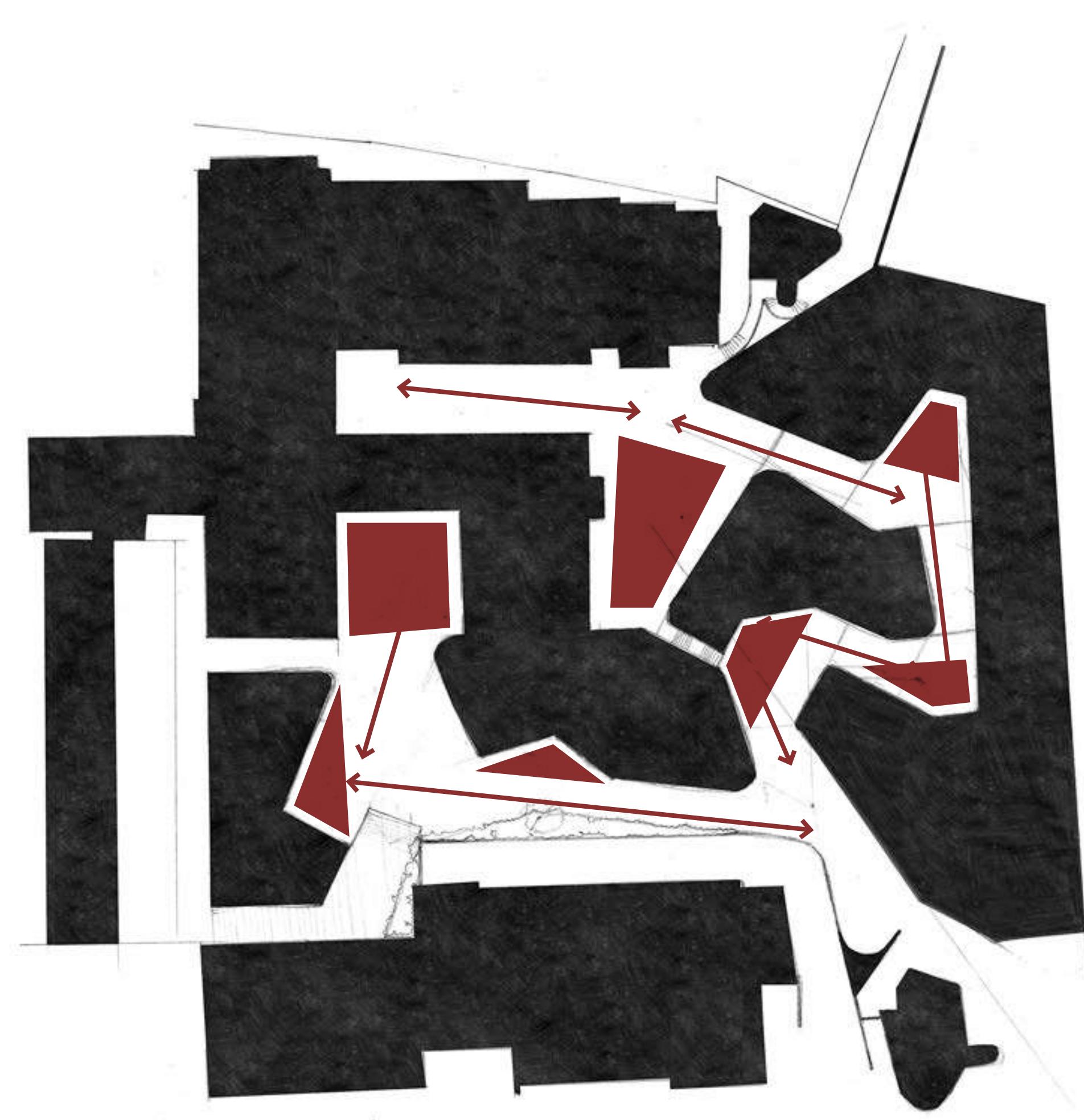


A Safe Porous Boundary

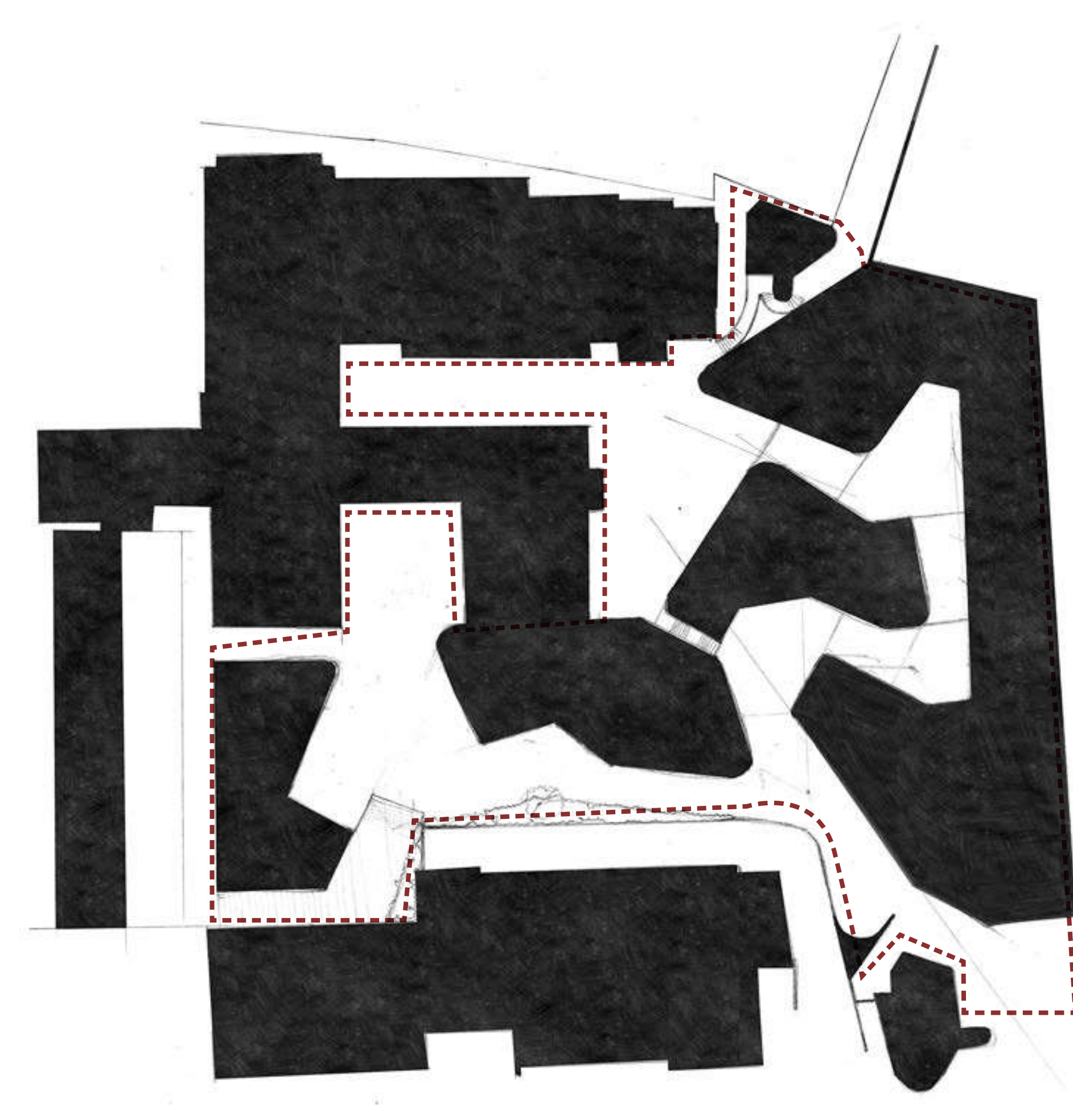
Egocentric Masterplan Design Principles



One Route



Unique Yards

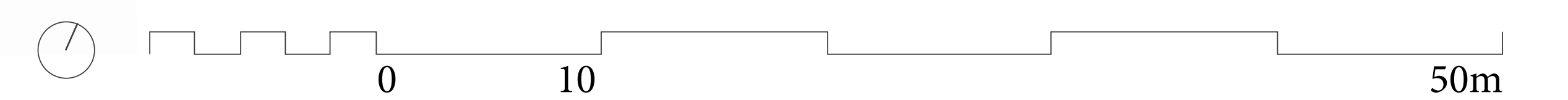


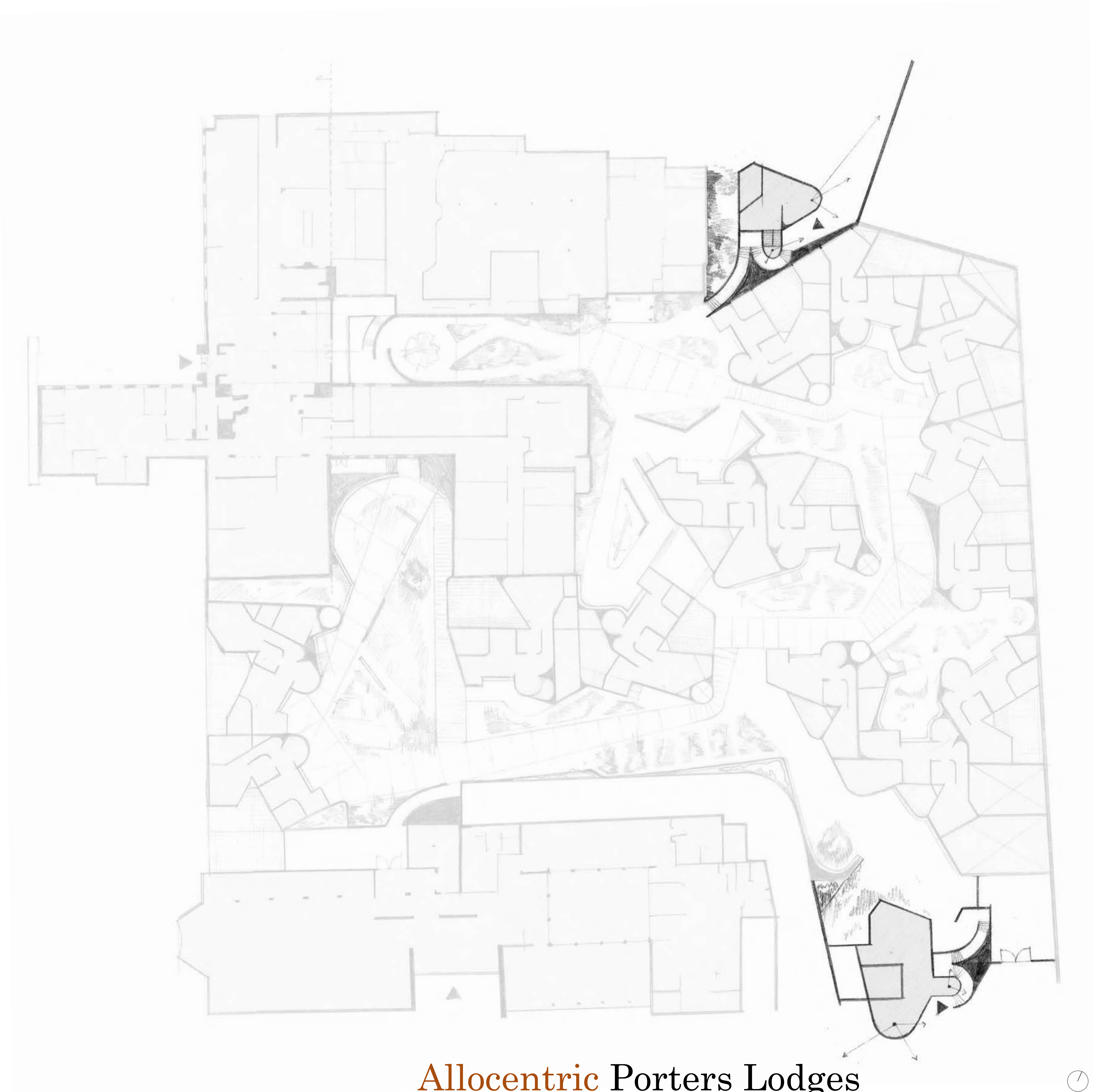
A Safe Porous Boundary

Egocentric Masterplan Design Principles

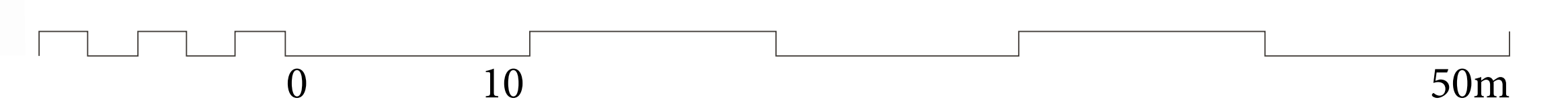


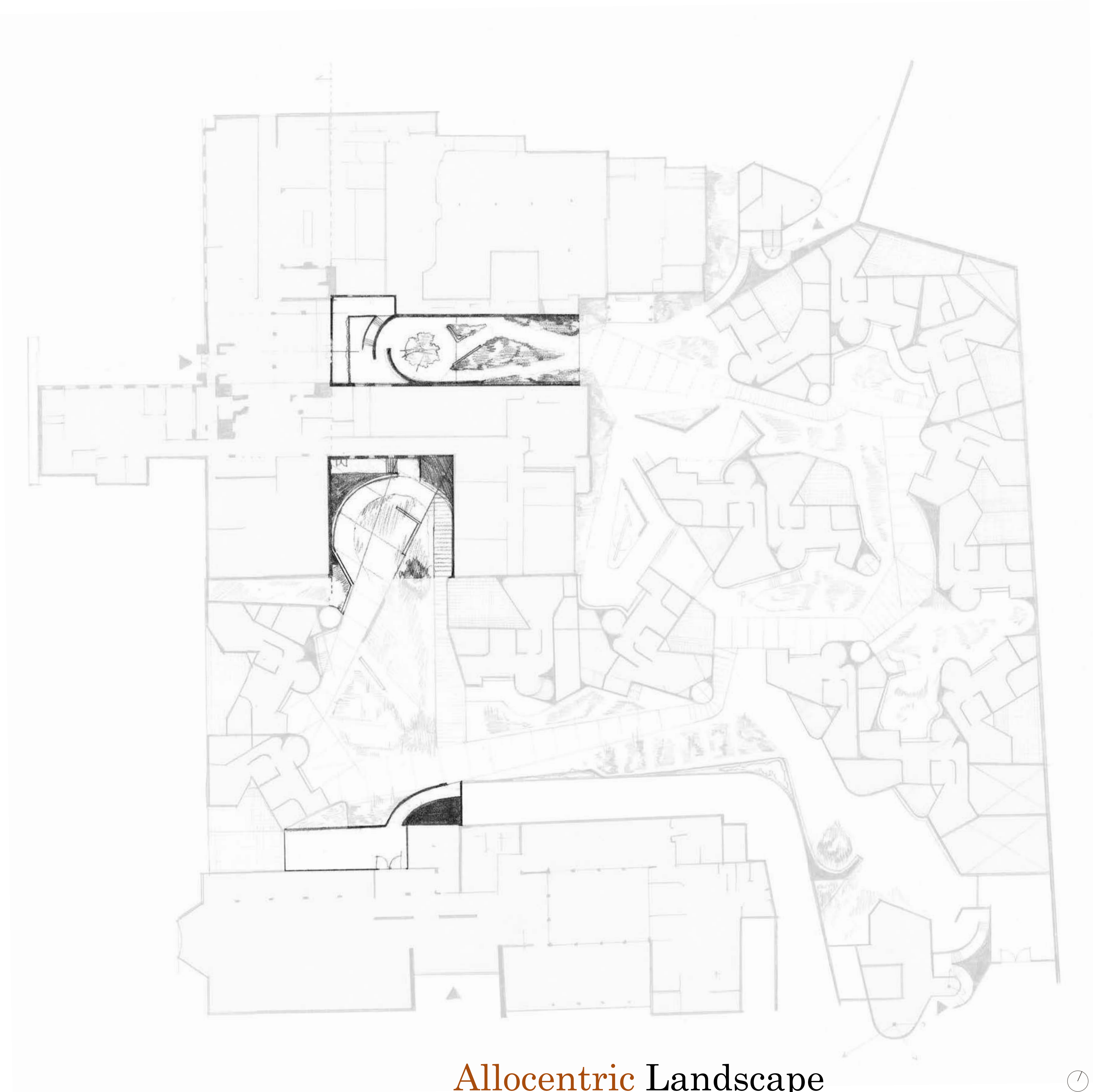
Egocentric Masterplan Overview



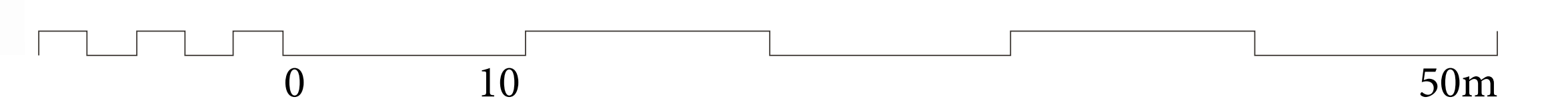


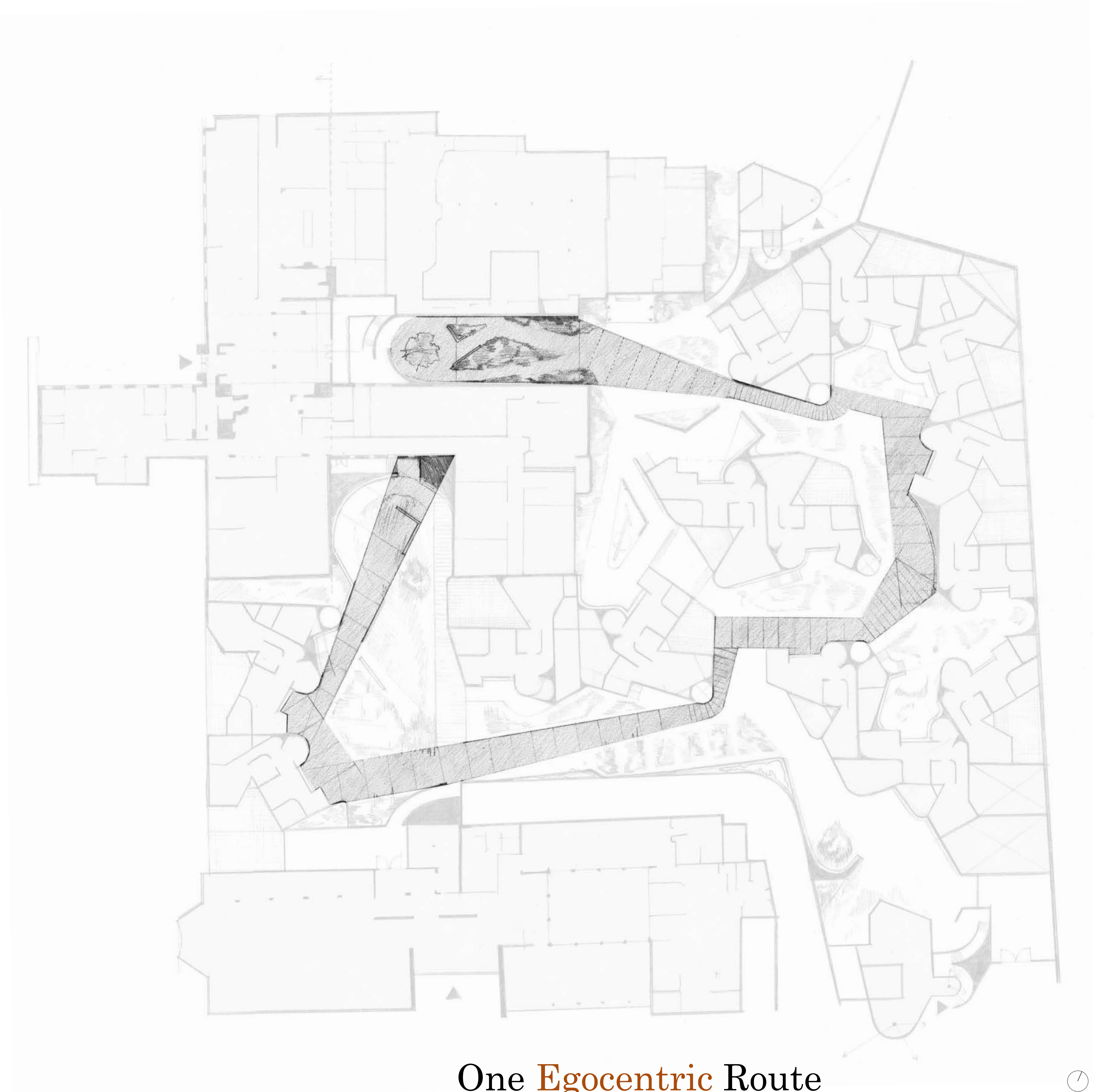
Allocentric Porters Lodges



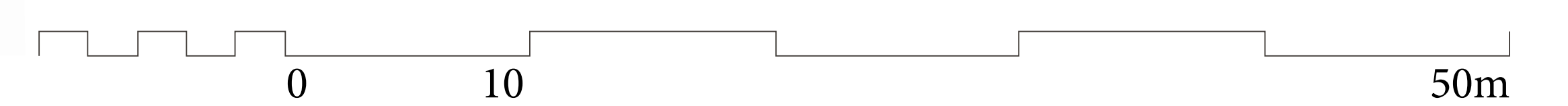


Allocentric Landscape



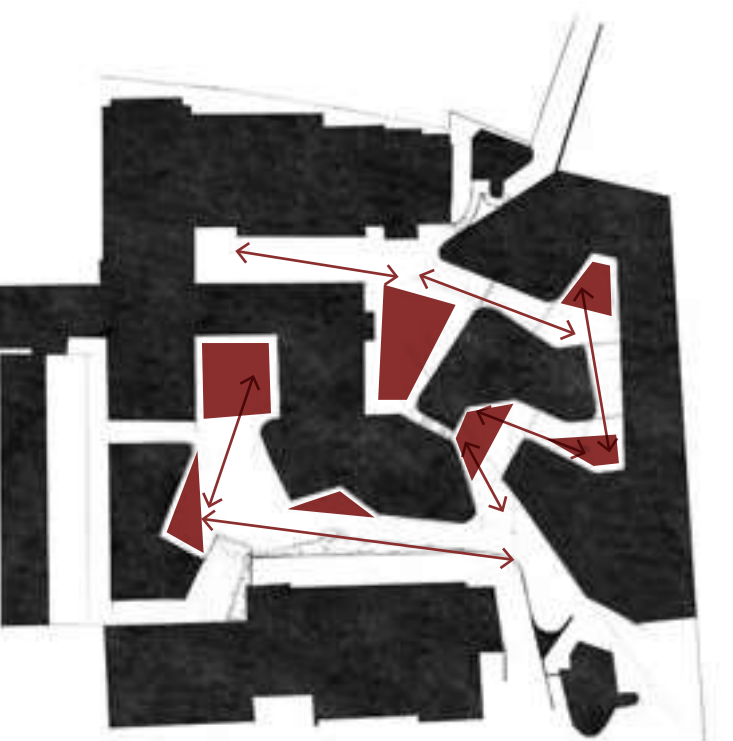


One **Egocentric** Route



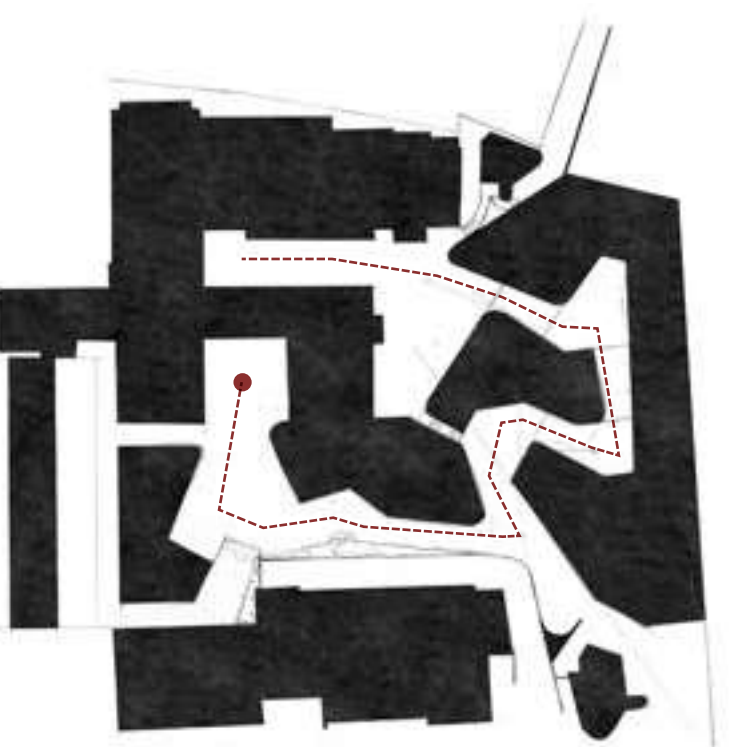


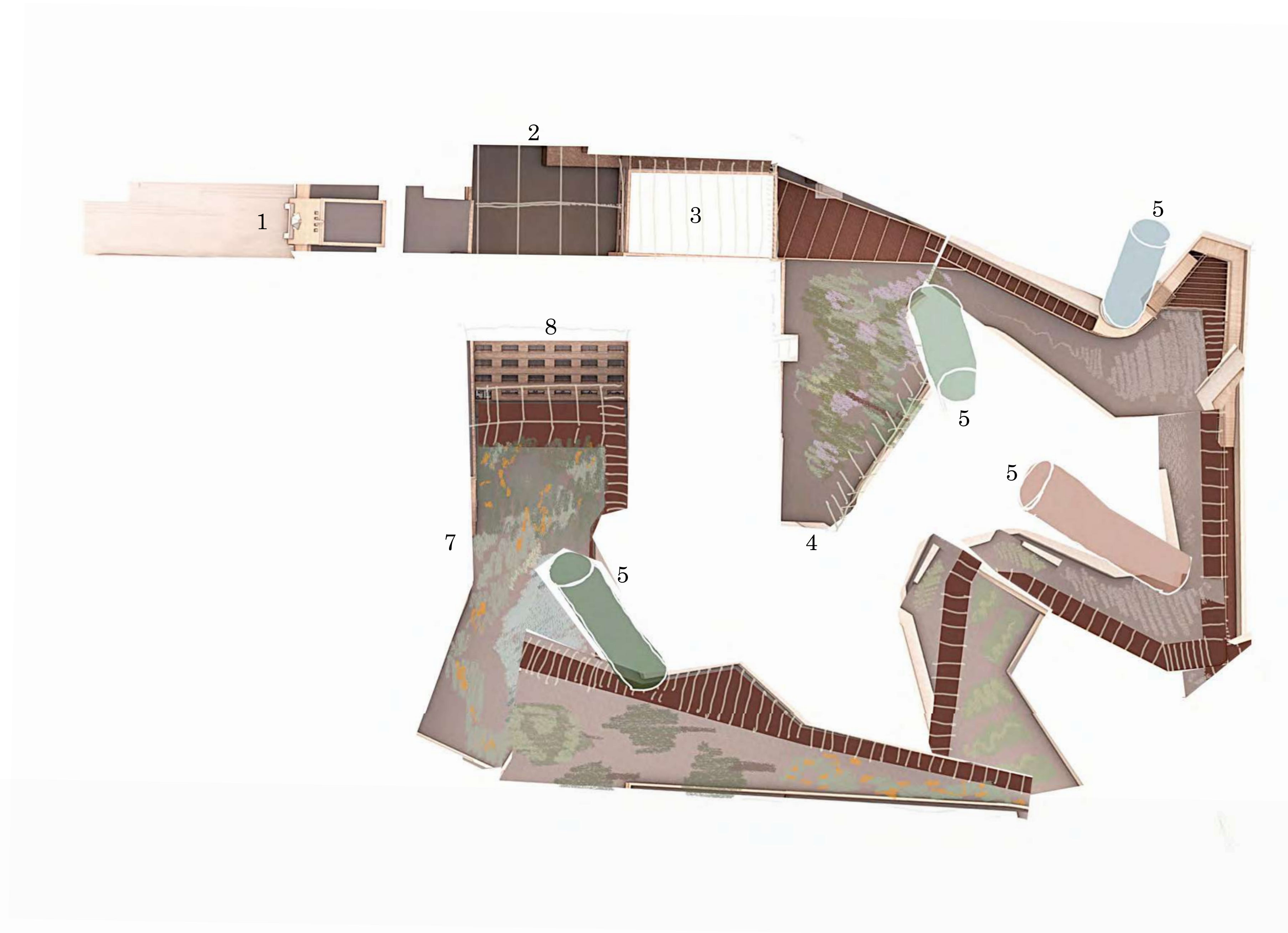
Early Development Process



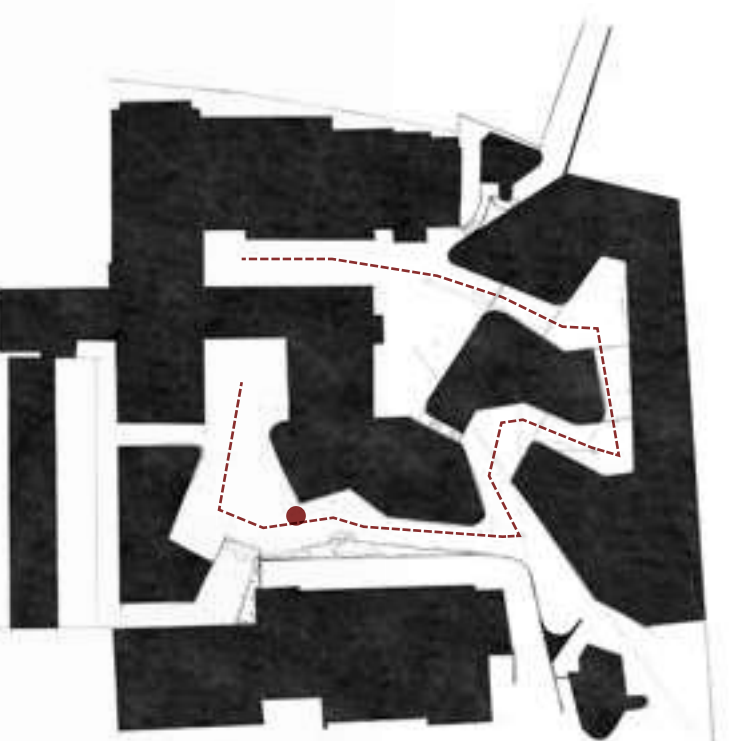


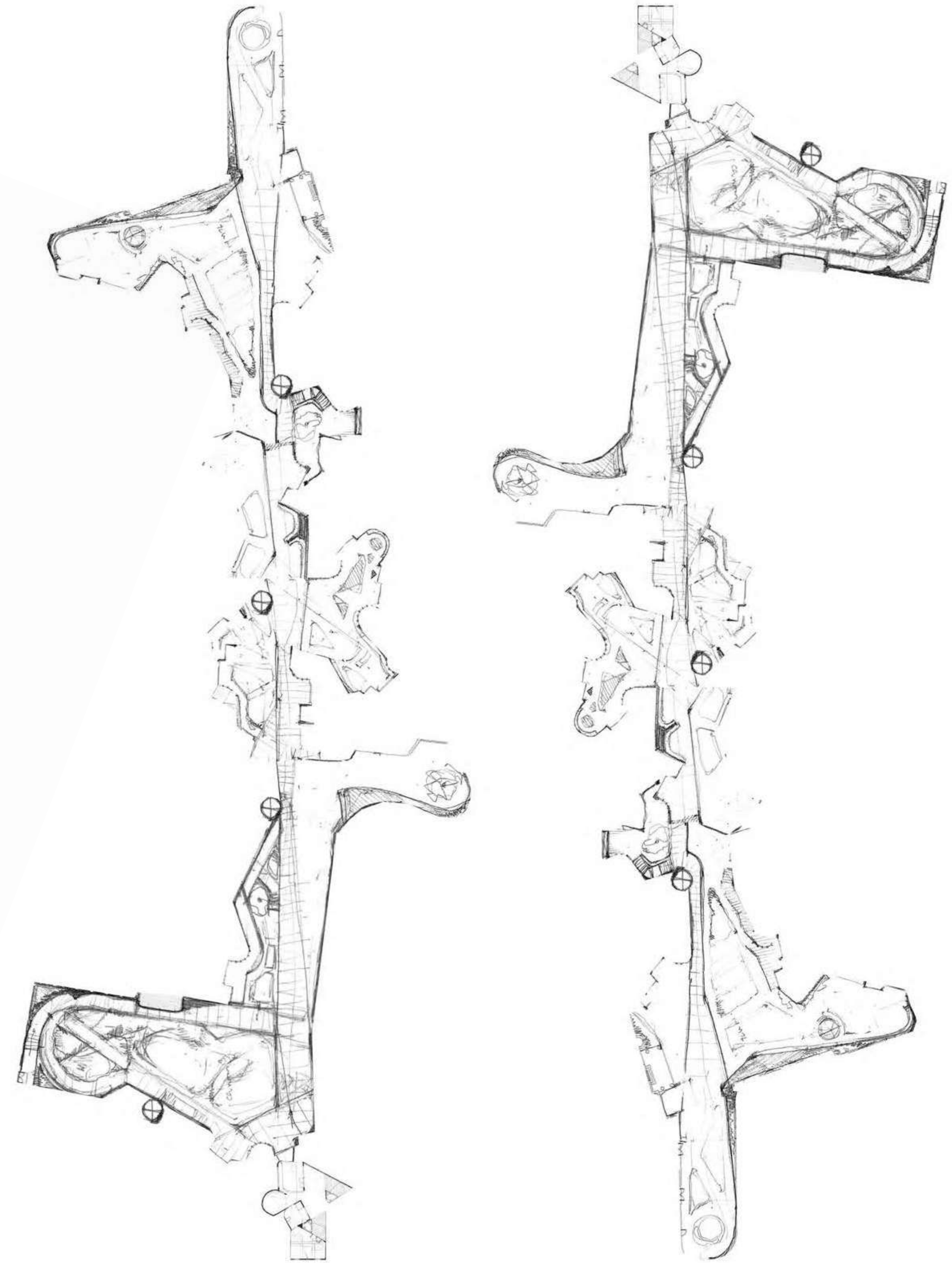
Egocentric Landscape Strategy



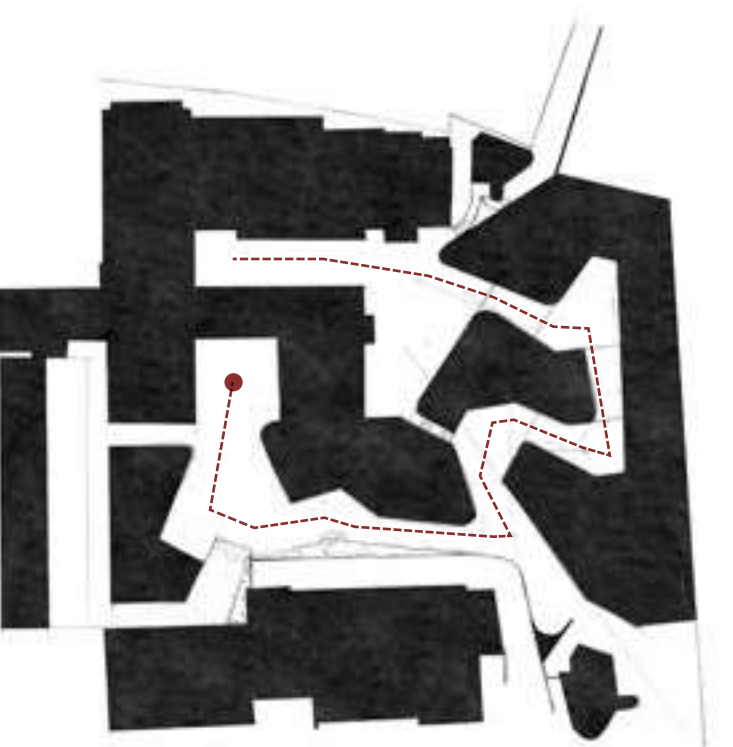


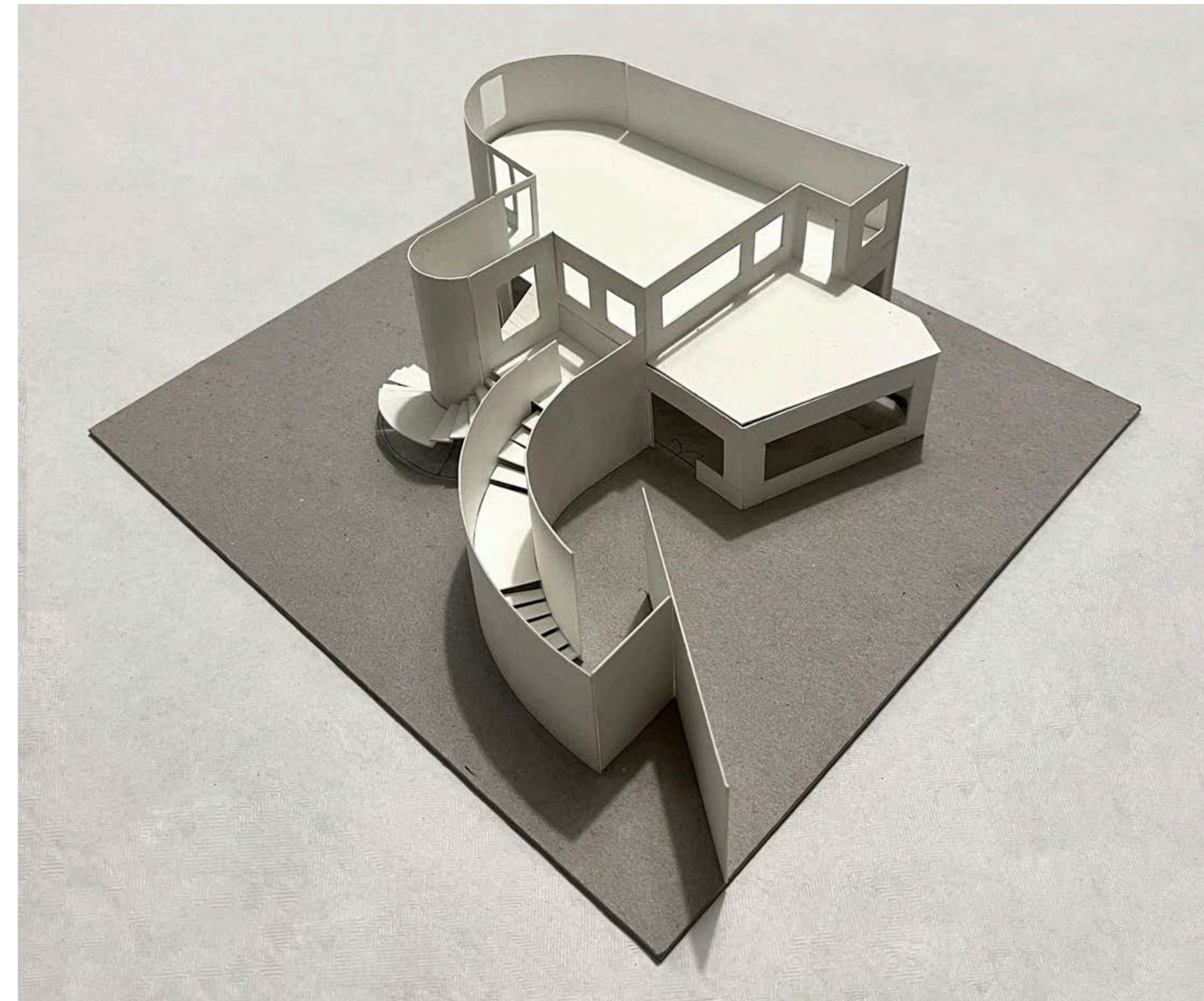
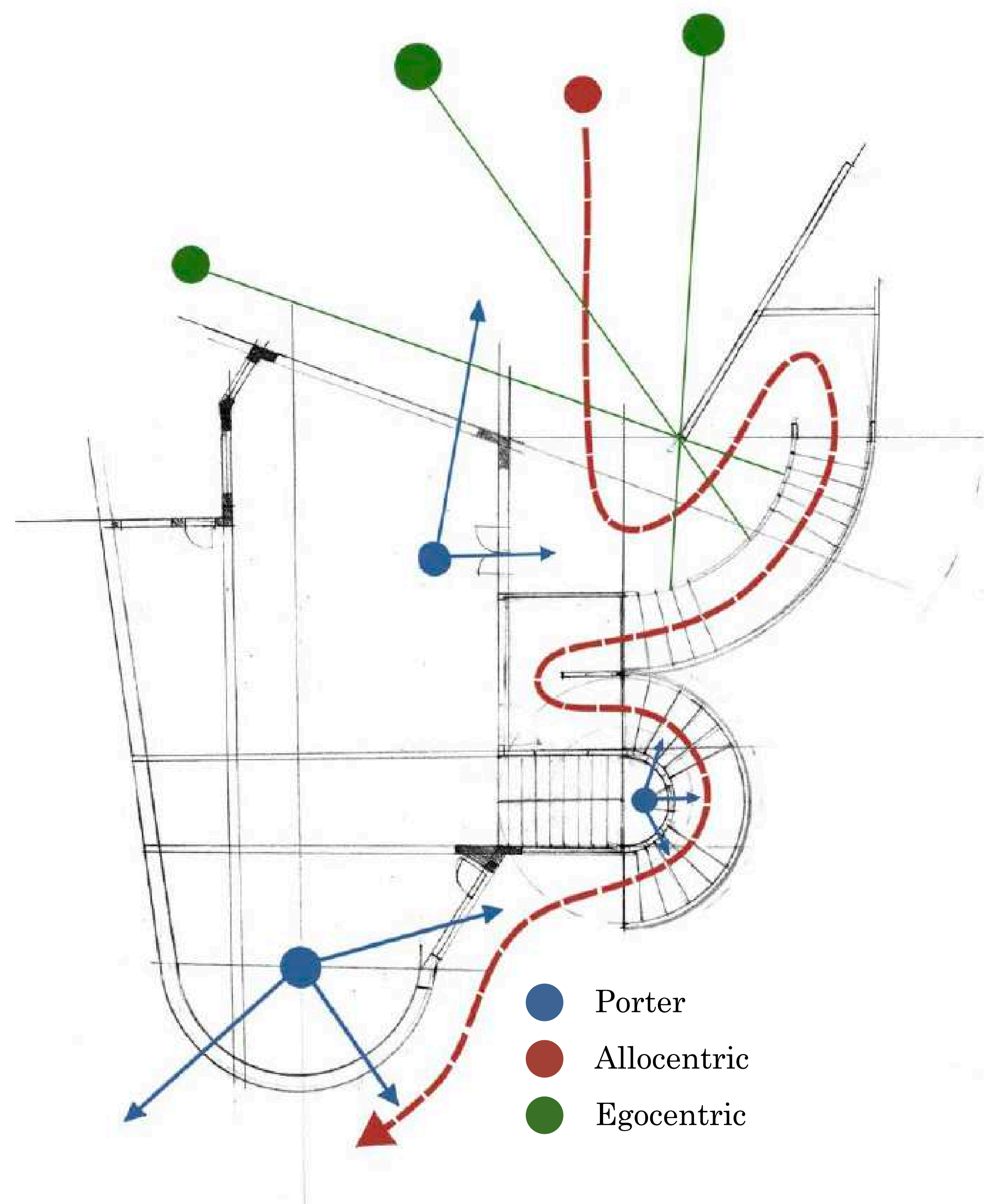
Unravelling the **Egocentric** Route



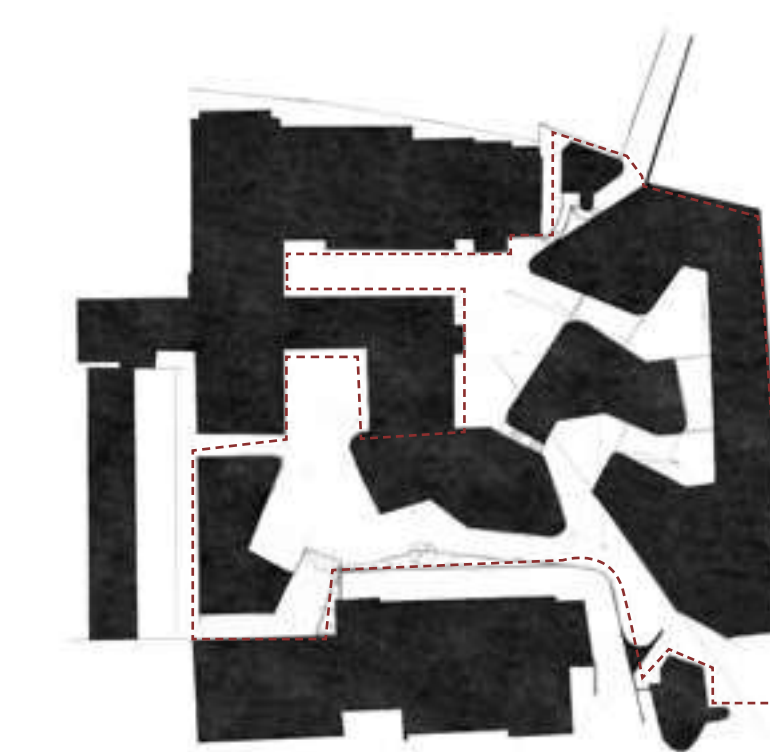


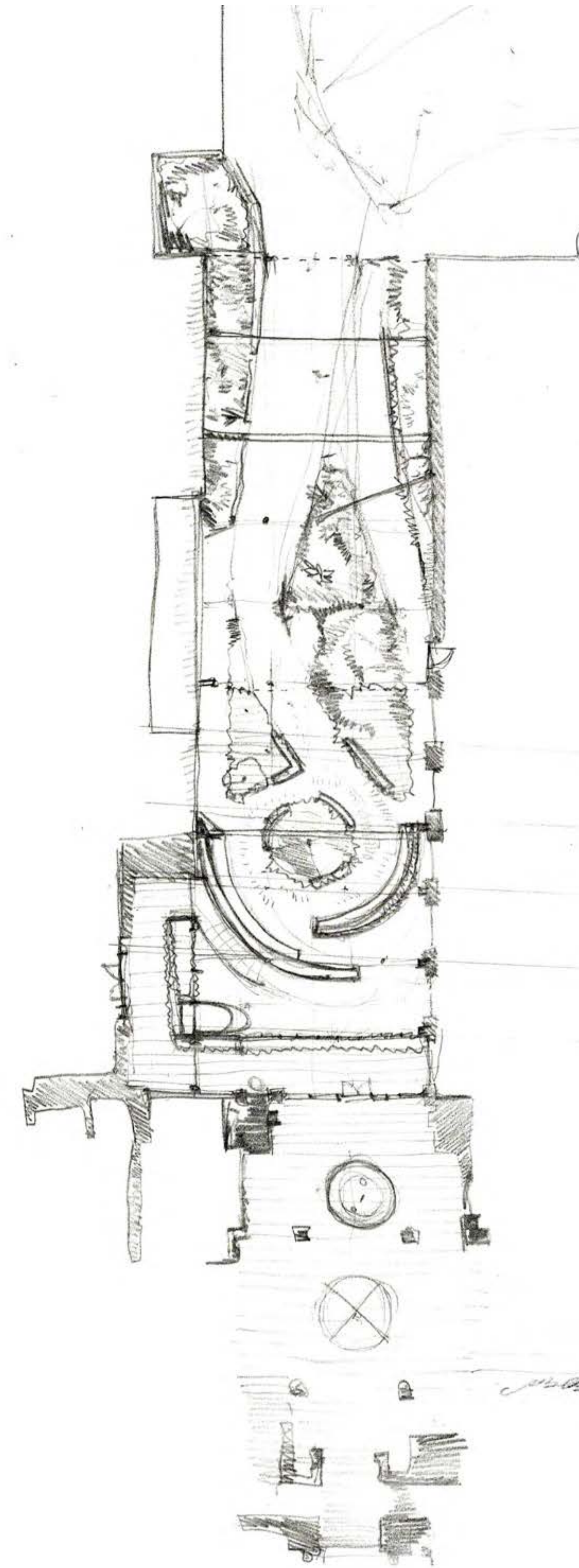
Shifting Between Route and Masterplan





Allocentric Porters Lodges





Allocentric Landscape



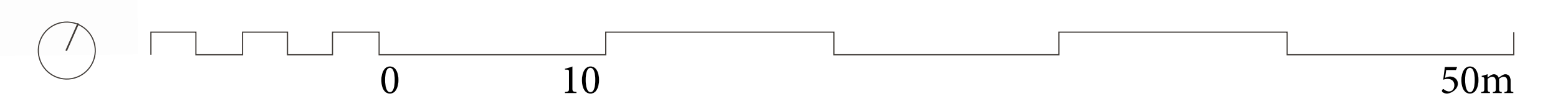
A POROUS URBAN QUARTER
SUPPORTING INDEPENDENT LIFE

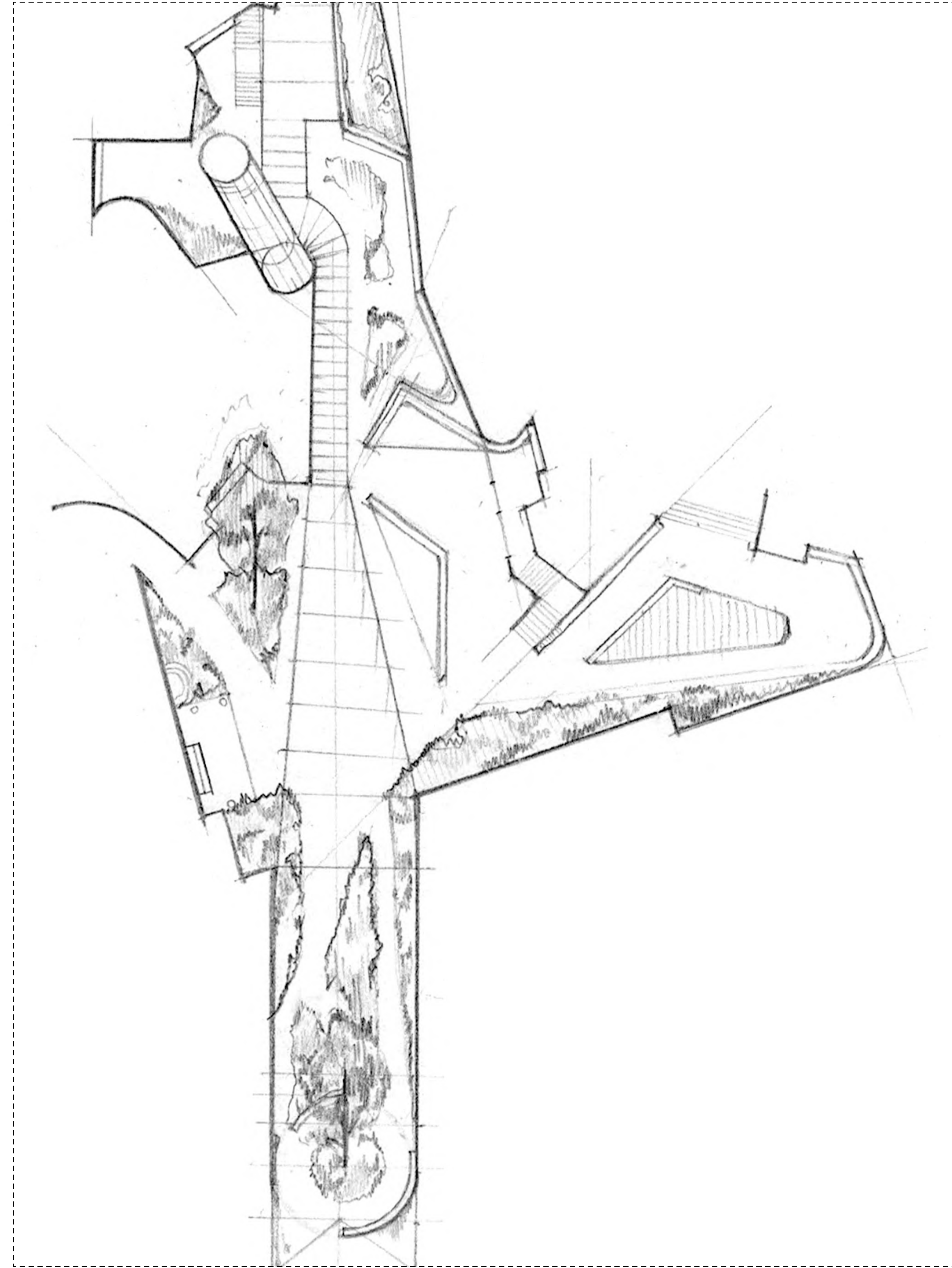
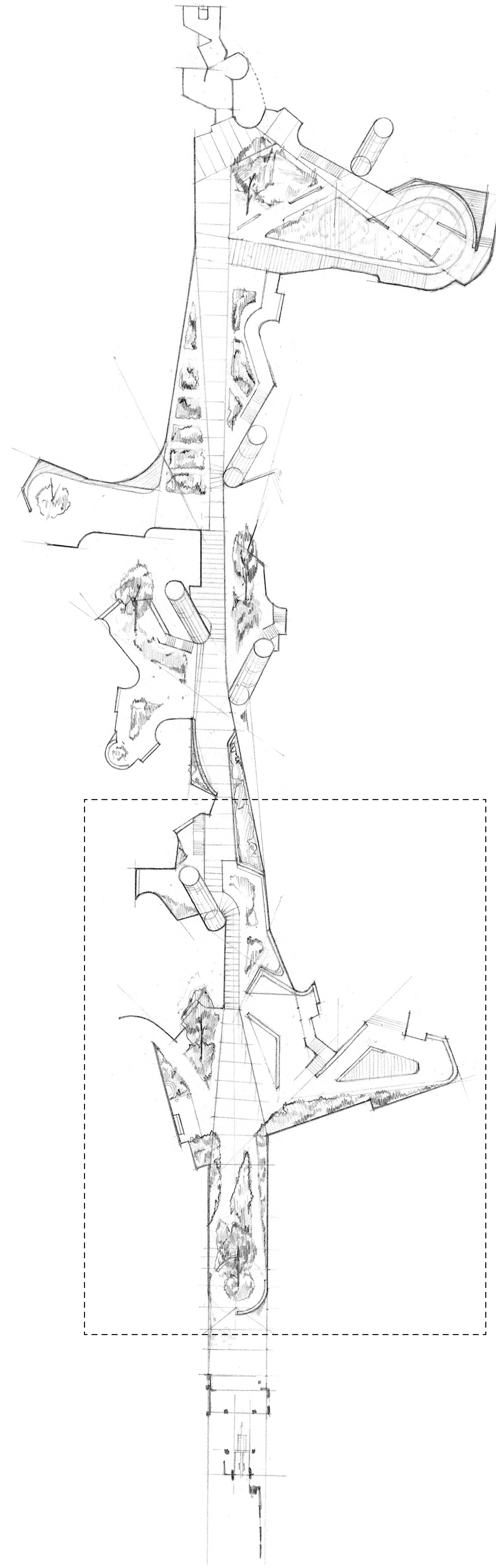


Porous Urban Quarter



The **Egocentric** Masterplan

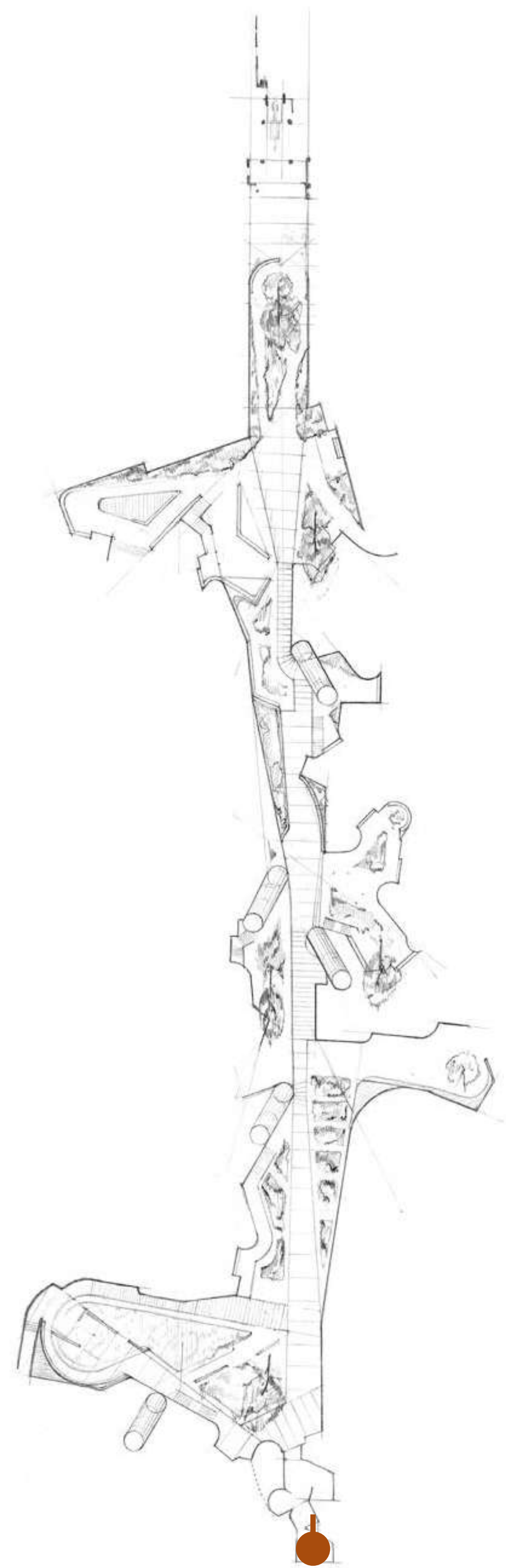




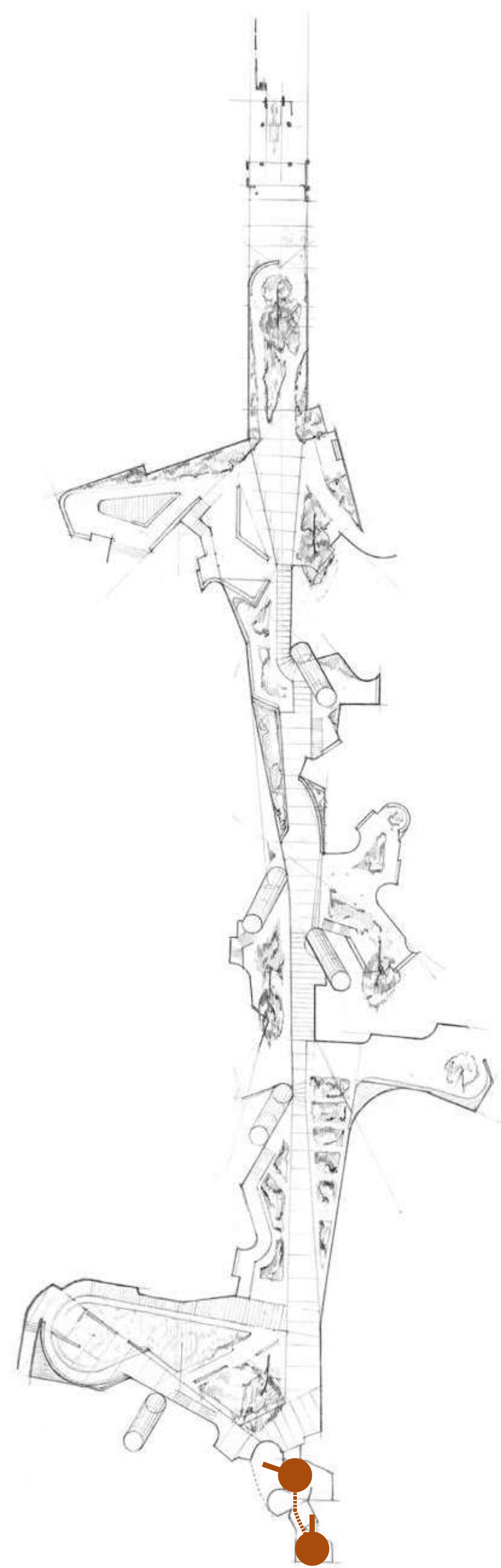
The **Egocentric** Route



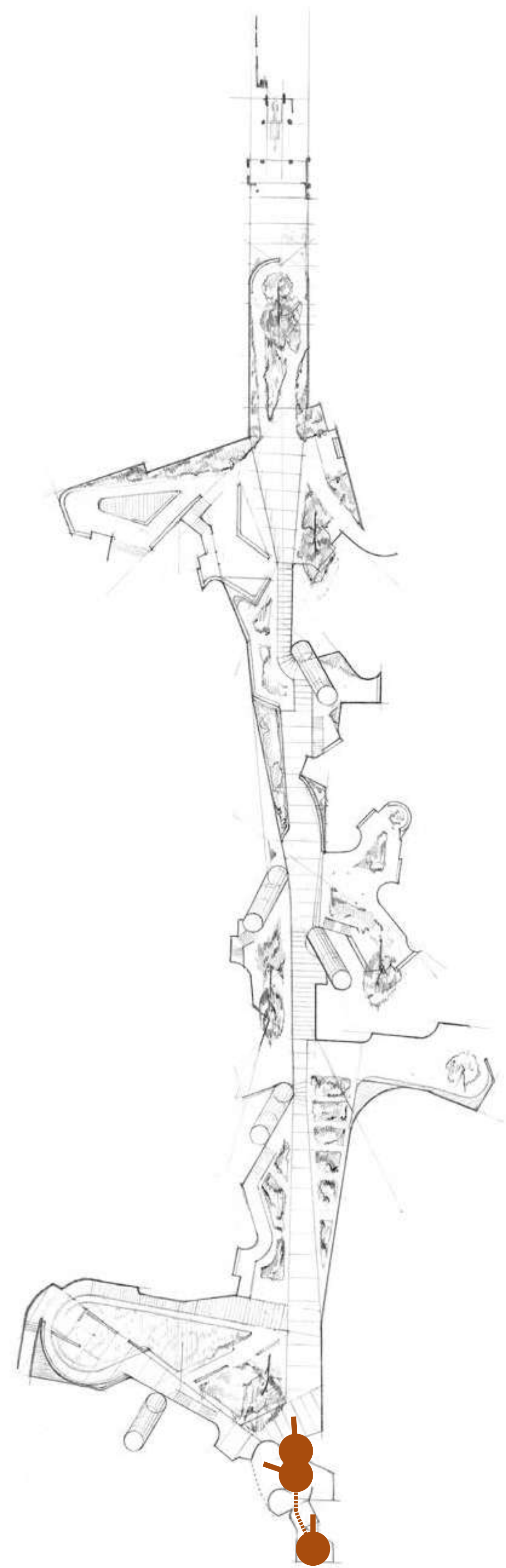
A Place To Live
 ‘People with a today and a tomorrow, not just a yesterday’



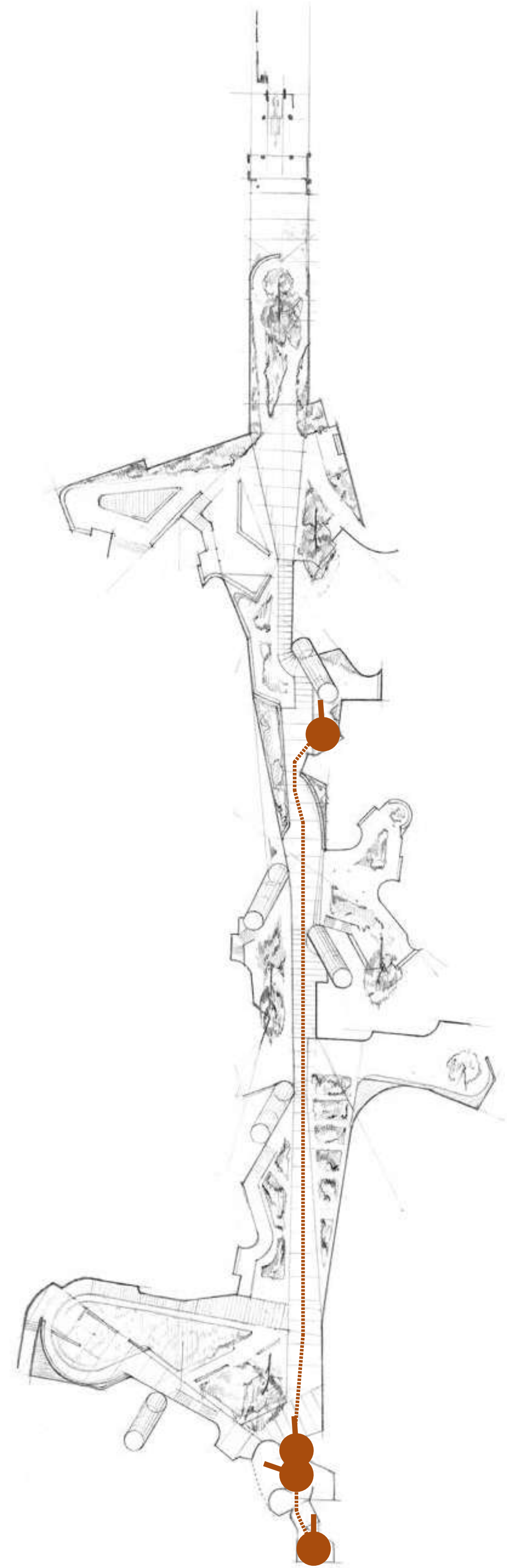
Waking Up



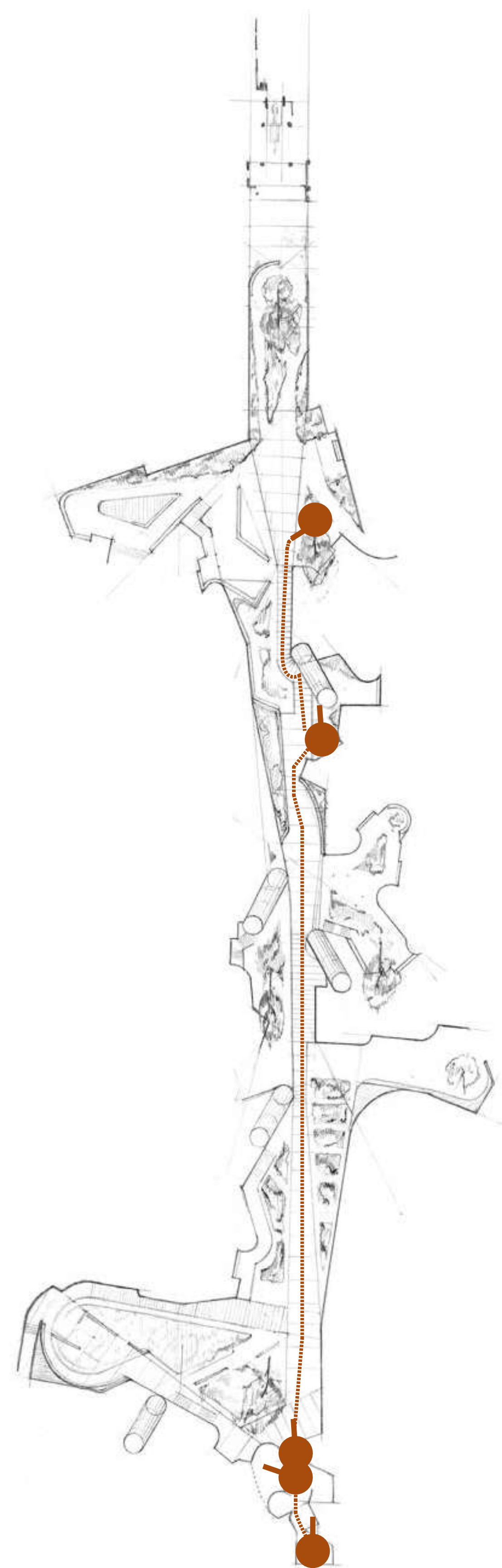
Looking Out



Leaving Home



Unique Yards



An Urban Oasis for all of Crouch End



Allocentric Thresholds



A Porous Urban Quarter

THESIS RESPONSE:
EGOCENTRIC ANALYSIS OF THE FINAL SCHEME

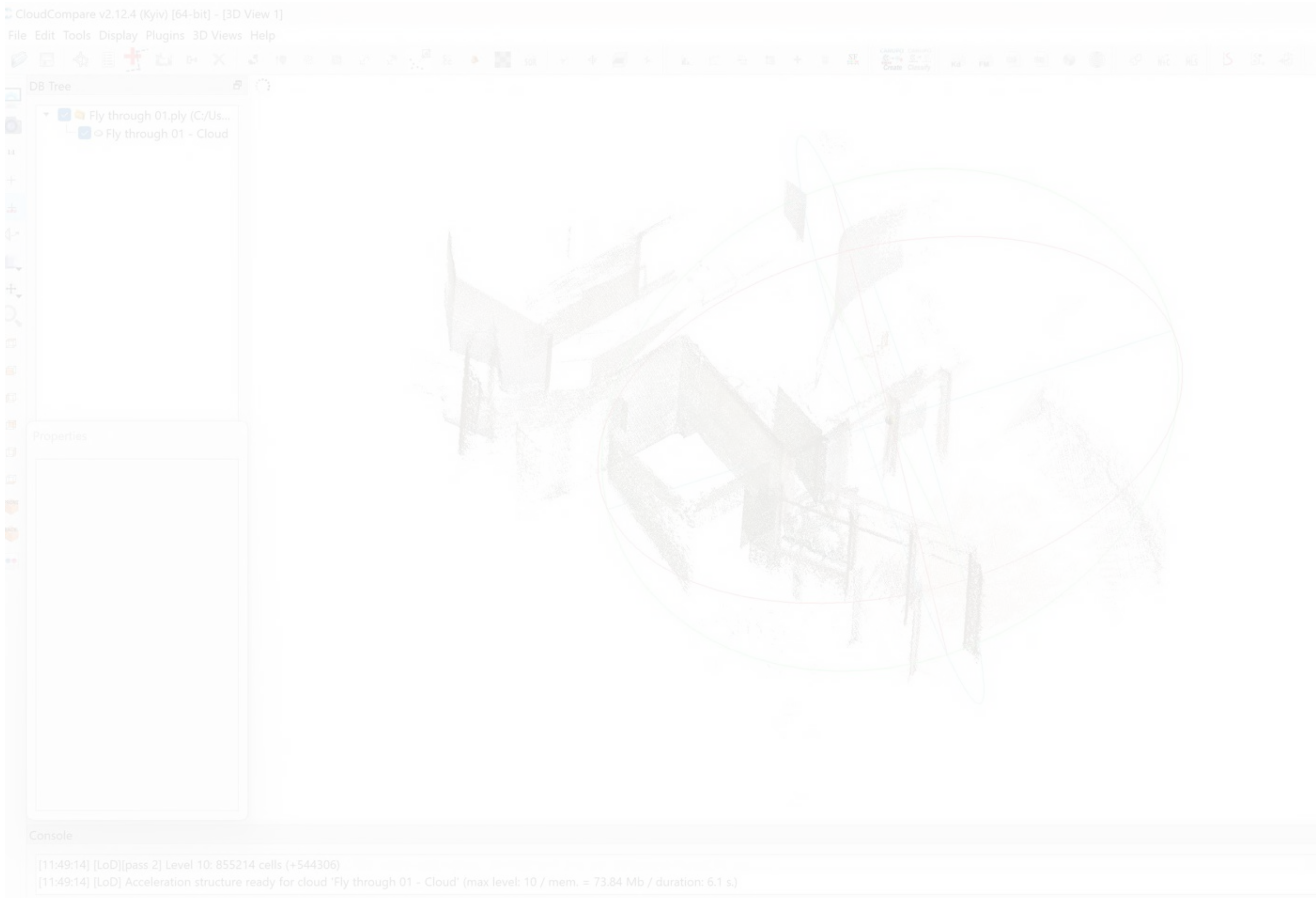


01 Input



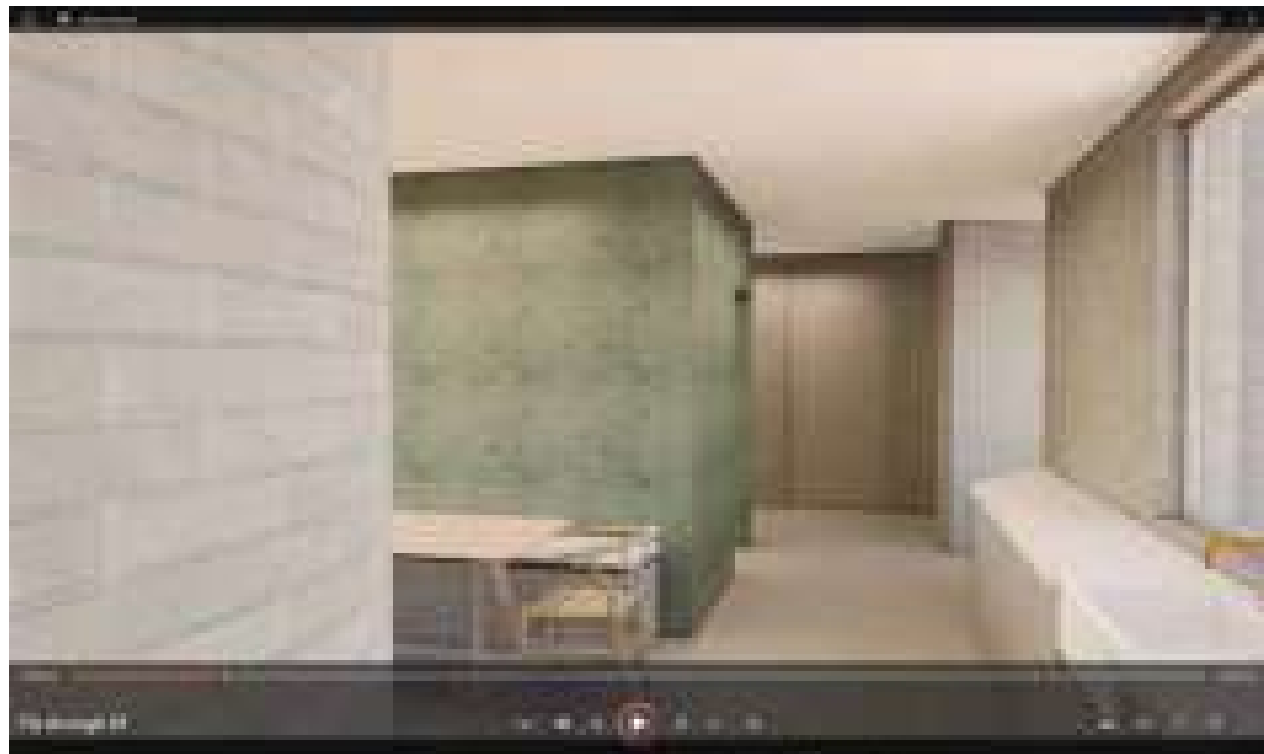
02 Video Stills

03 Photogrammetry

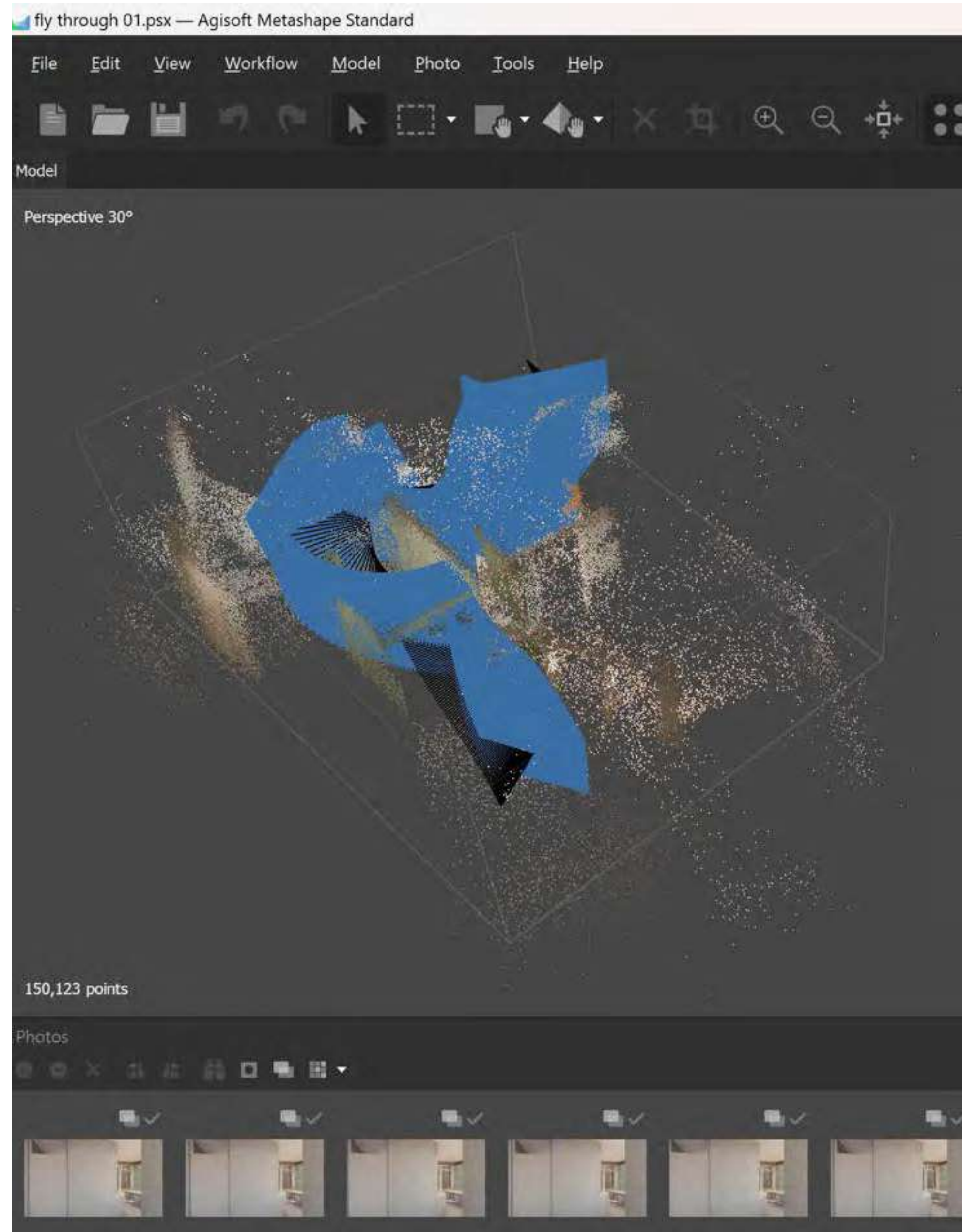


04 Point Cloud

Egocentric Point Cloud Mapping Methodology

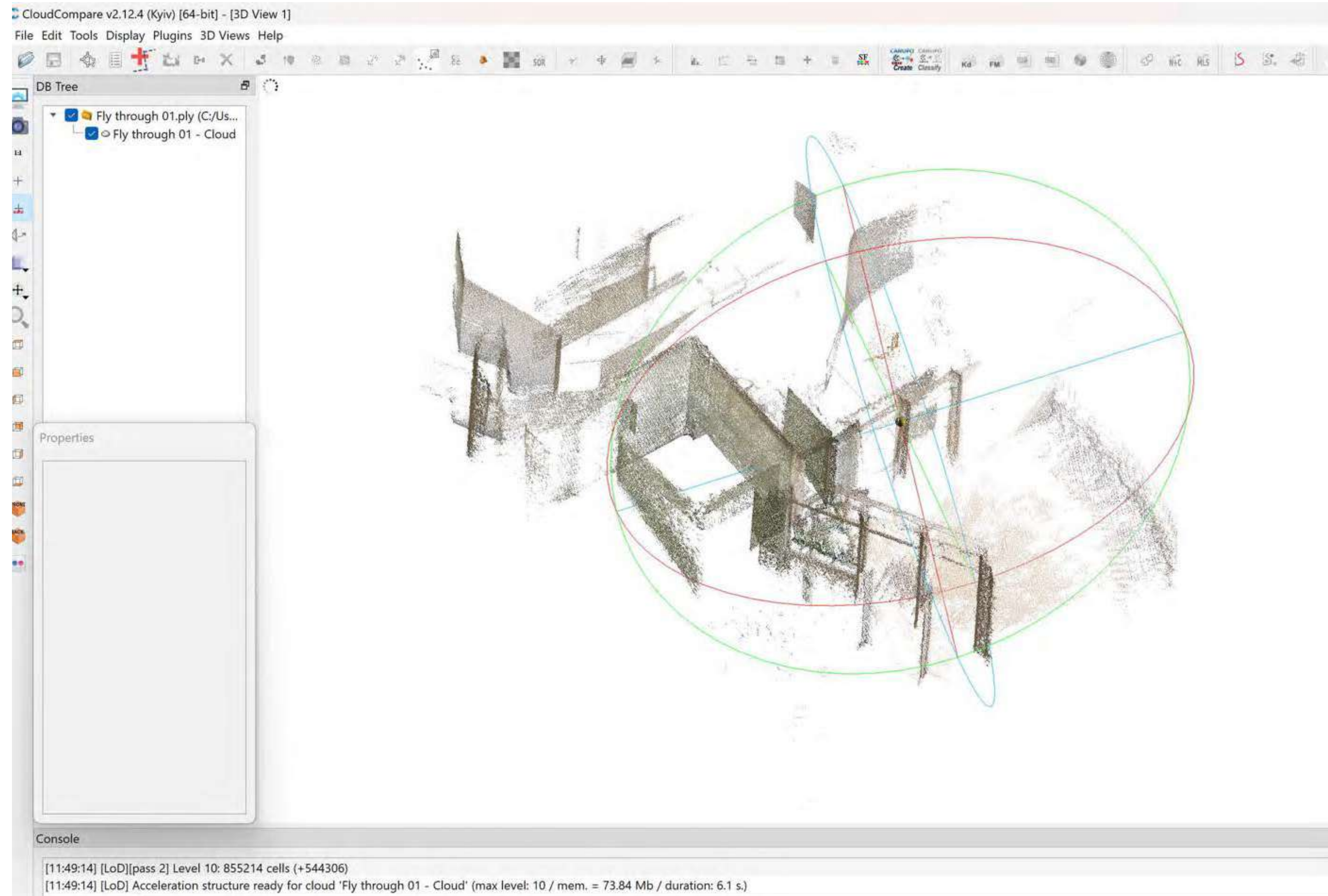


01 Input



02 Video Stills

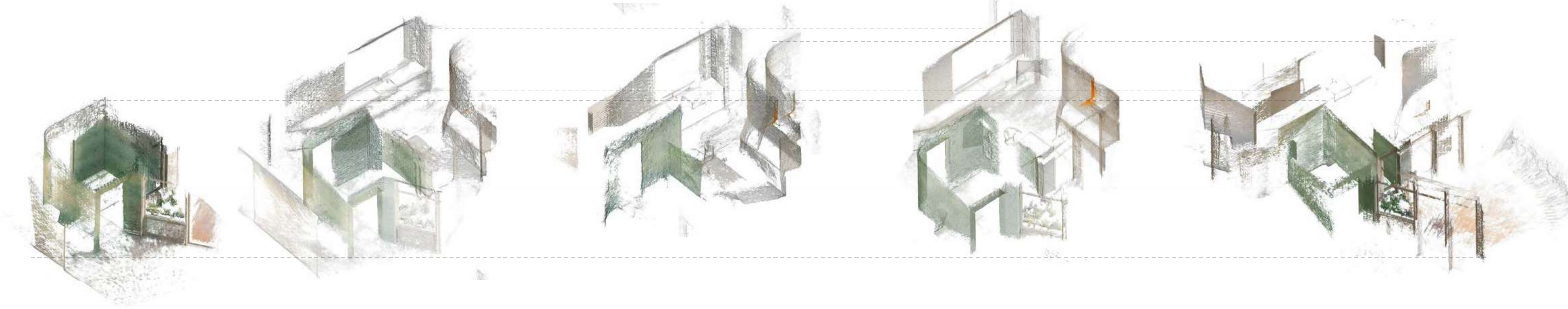
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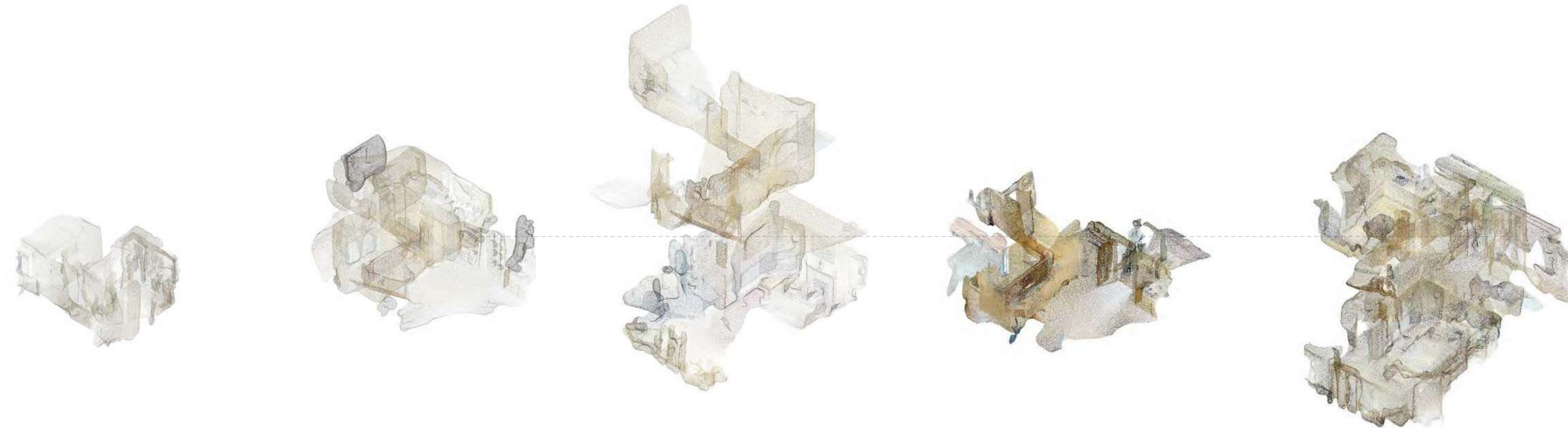
04 Point Cloud

Egocentric Point Cloud Mapping Methodology

House Proposed



House Study



Bedroom to Bathroom

Bedroom to Kitchen

Lounge to Bedroom

Leaving Home

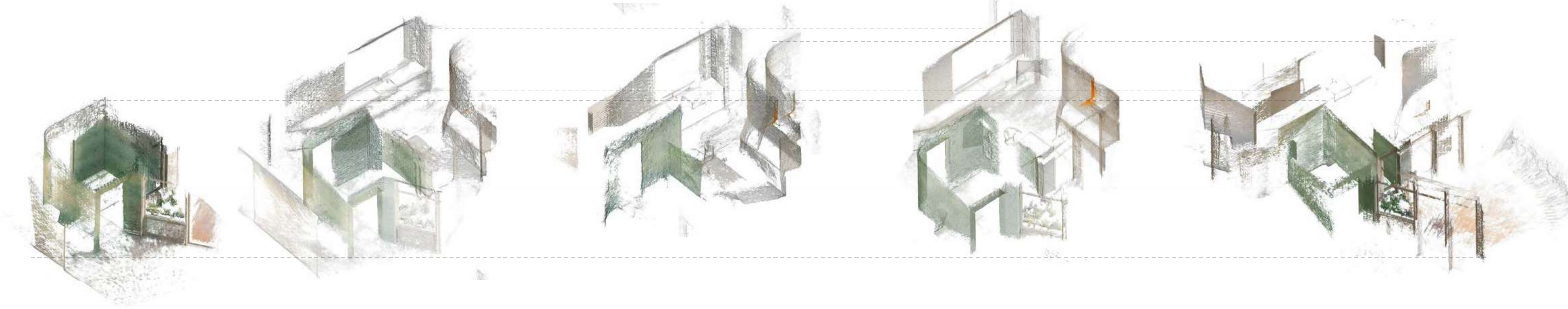
Coming Home



Successful Egocentric
Design Principles

The **Egocentric** Interior

House Proposed



House Study



Bedroom to Bathroom

Bedroom to Kitchen

Lounge to Bedroom

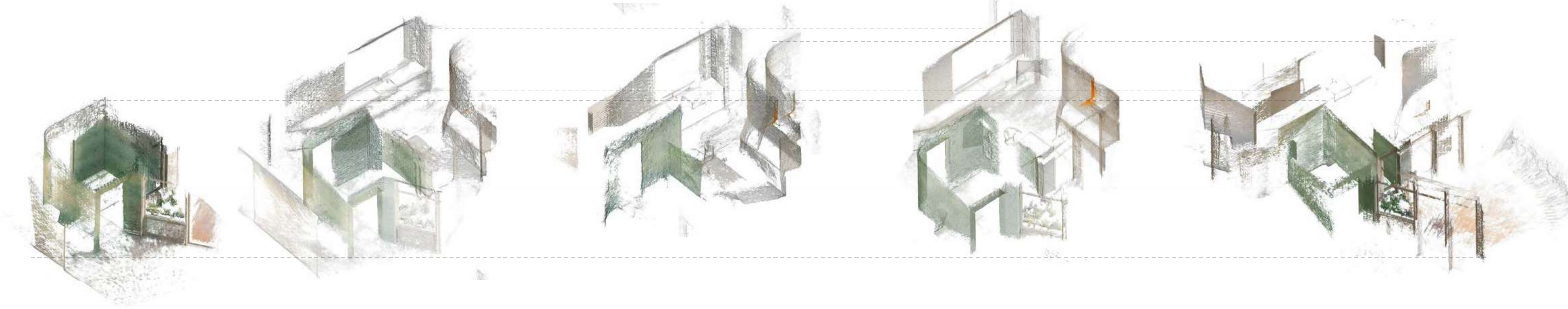
Leaving Home

Coming Home

Successful Egocentric
Design Principles

Route Based

House Proposed



House Study



Bedroom to Bathroom

Bedroom to Kitchen

Lounge to Bedroom

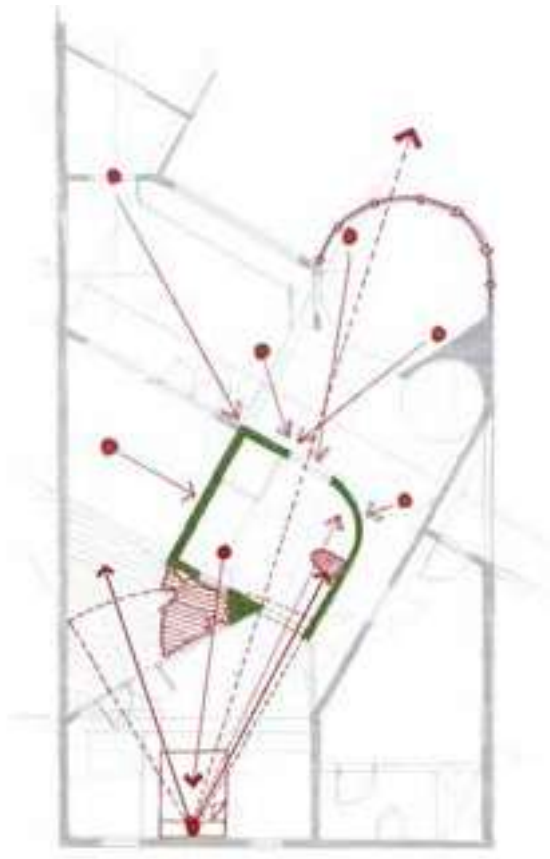
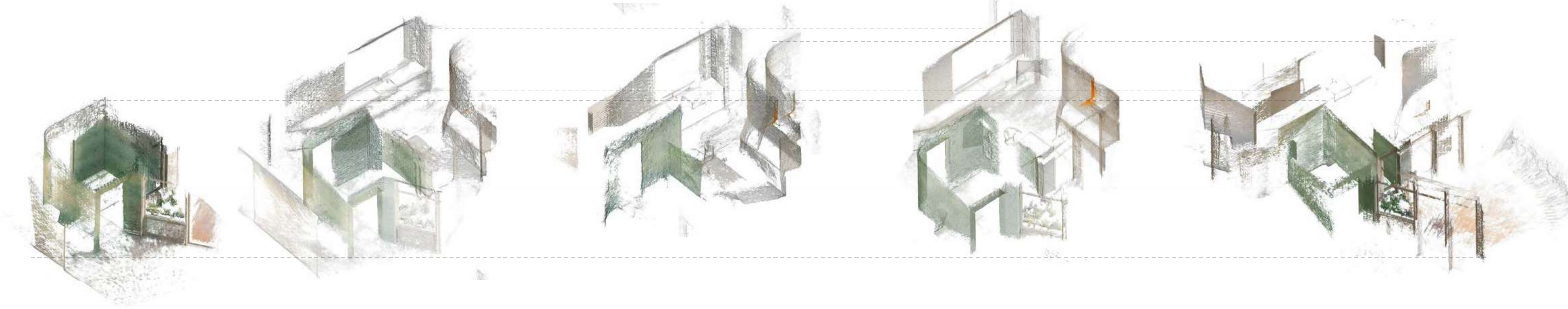
Leaving Home

Coming Home

Successful Egocentric
Design Principles

Legible Materiality

House Proposed



House Study



Bedroom to Bathroom

Bedroom to Kitchen

Lounge to Bedroom

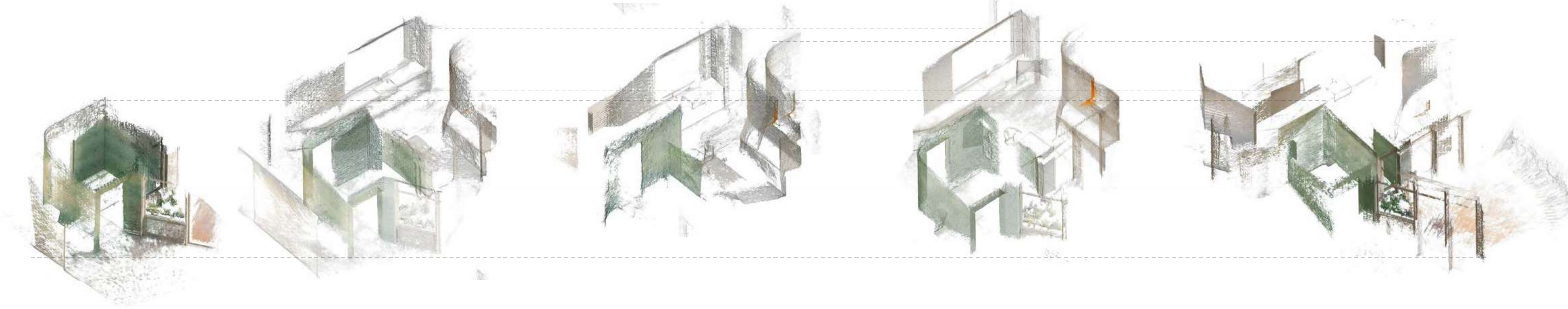
Leaving Home

Coming Home

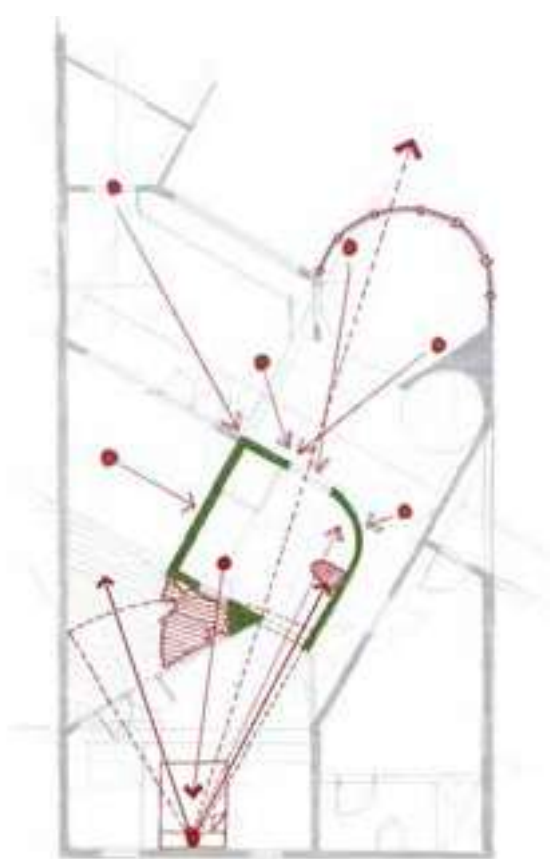
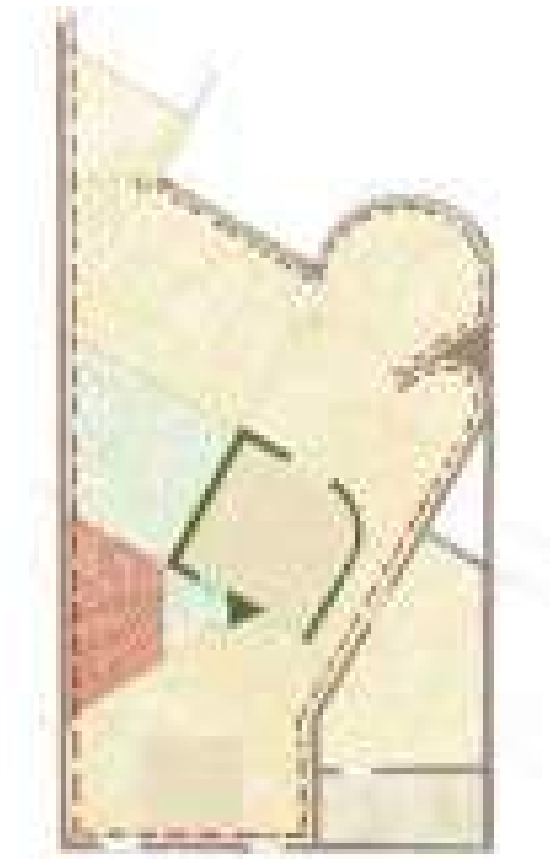
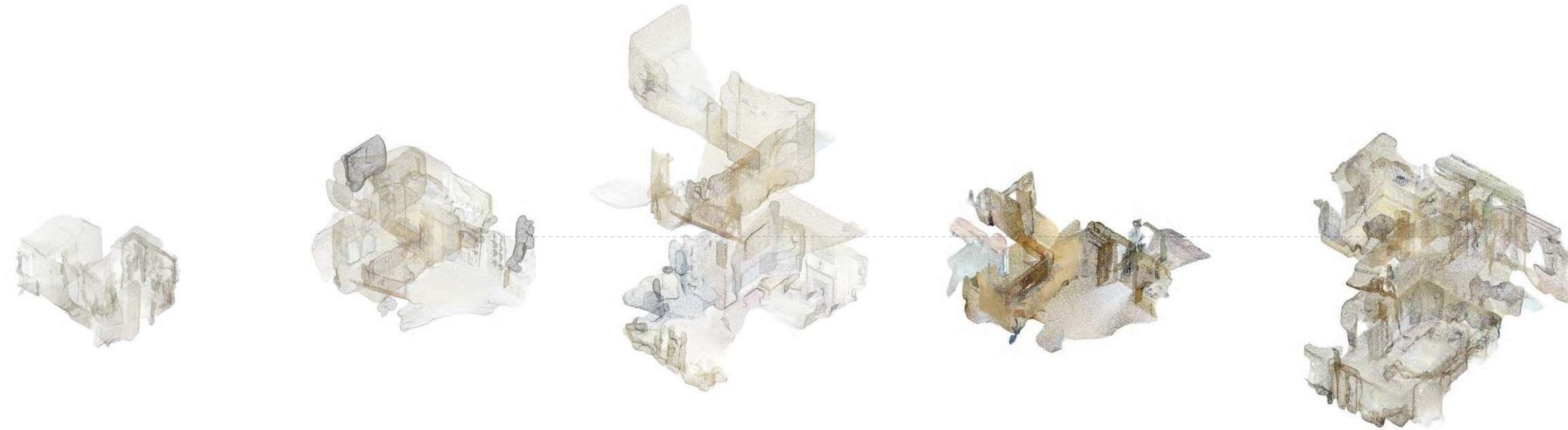
Successful Egocentric
Design Principles

Visual Access

House Proposed



House Study



Bedroom to Bathroom

Bedroom to Kitchen

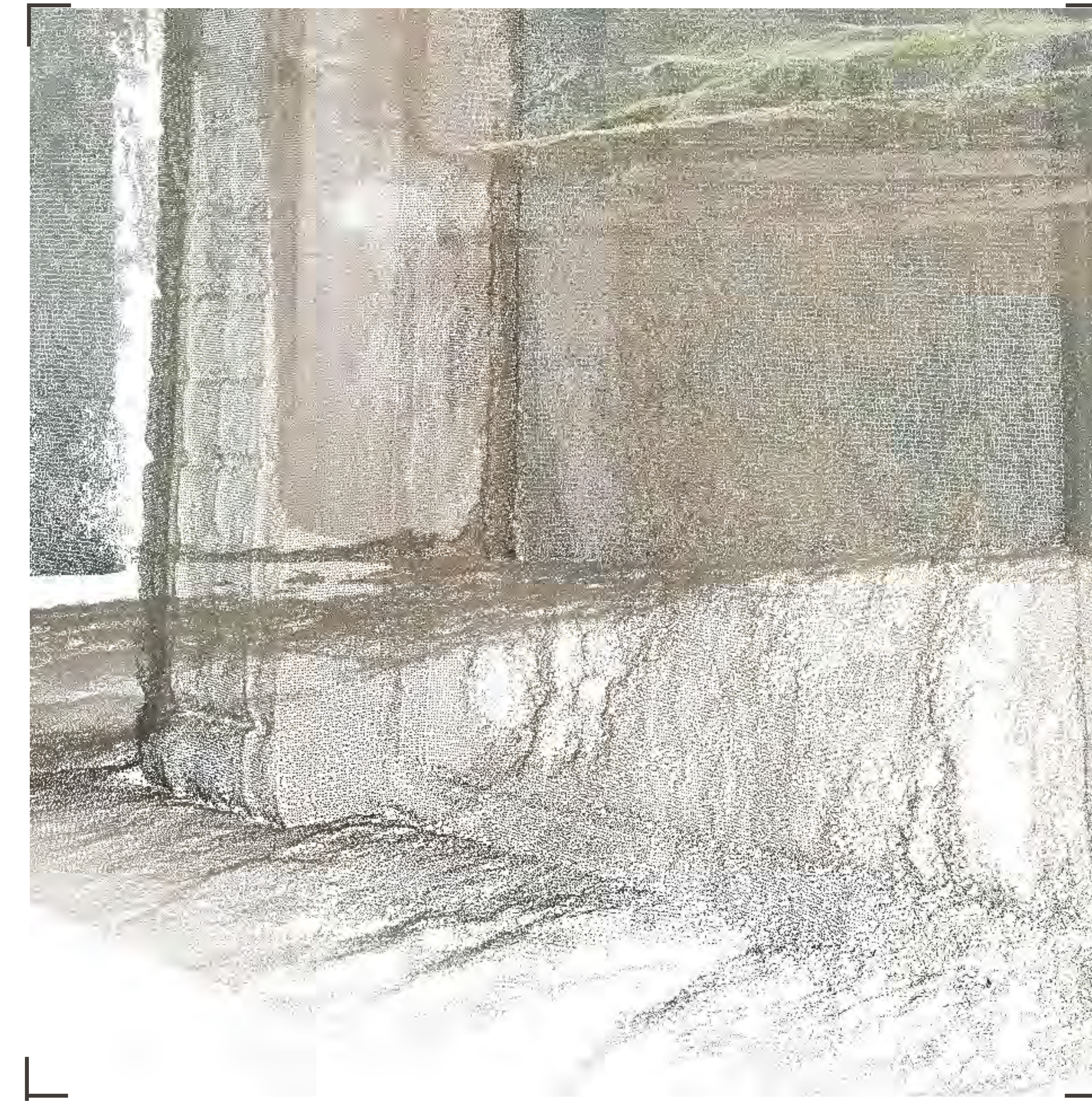
Lounge to Bedroom

Leaving Home

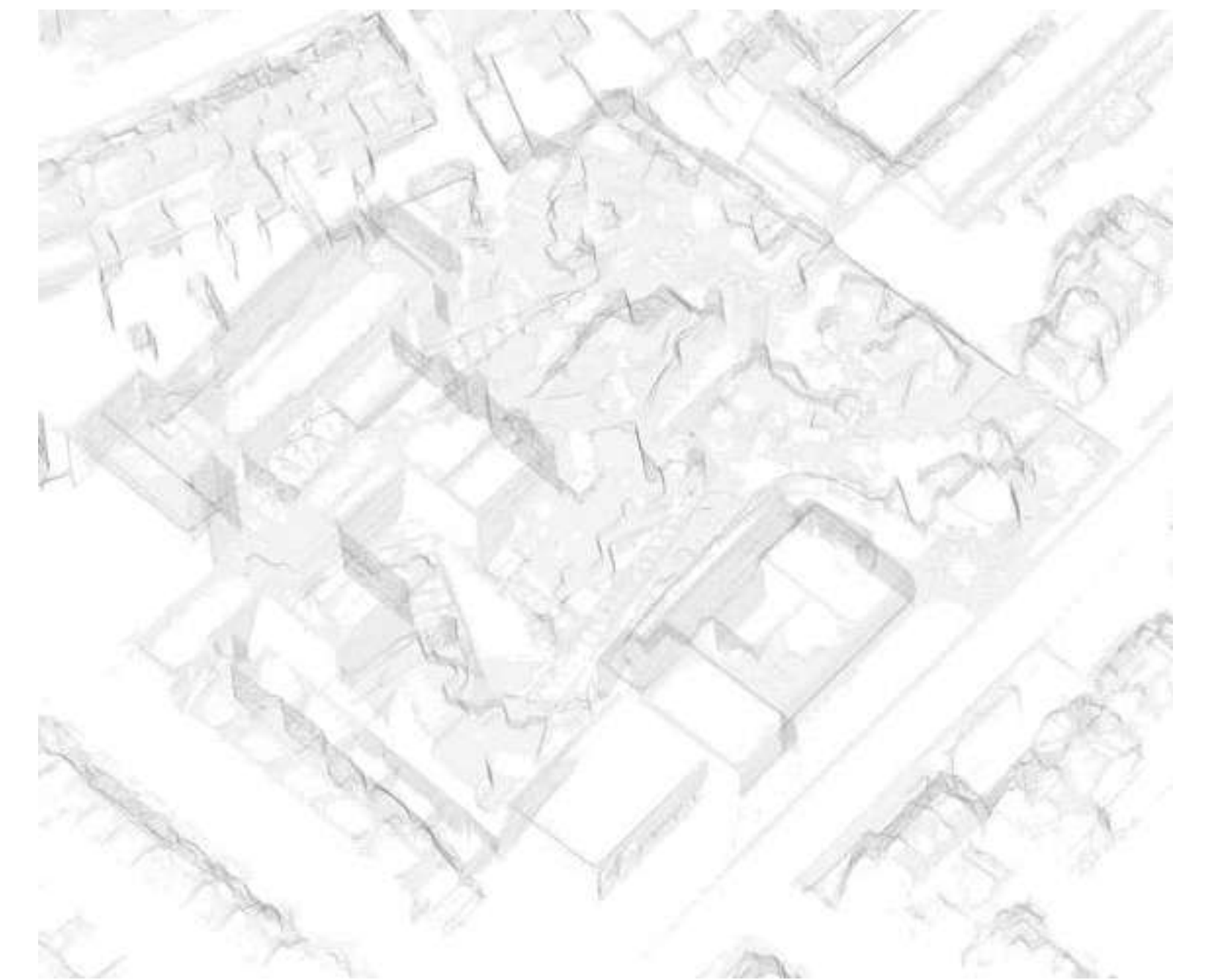
Coming Home

Successful Egocentric
Design Principles

Successful **Egocentric** Design Principles



Egocentric Analysis of Unbuilt Space



An **Egocentric** Masterplan
An Urban Oasis for all of Crouch End