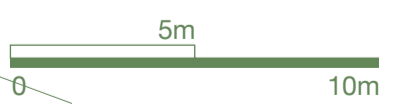
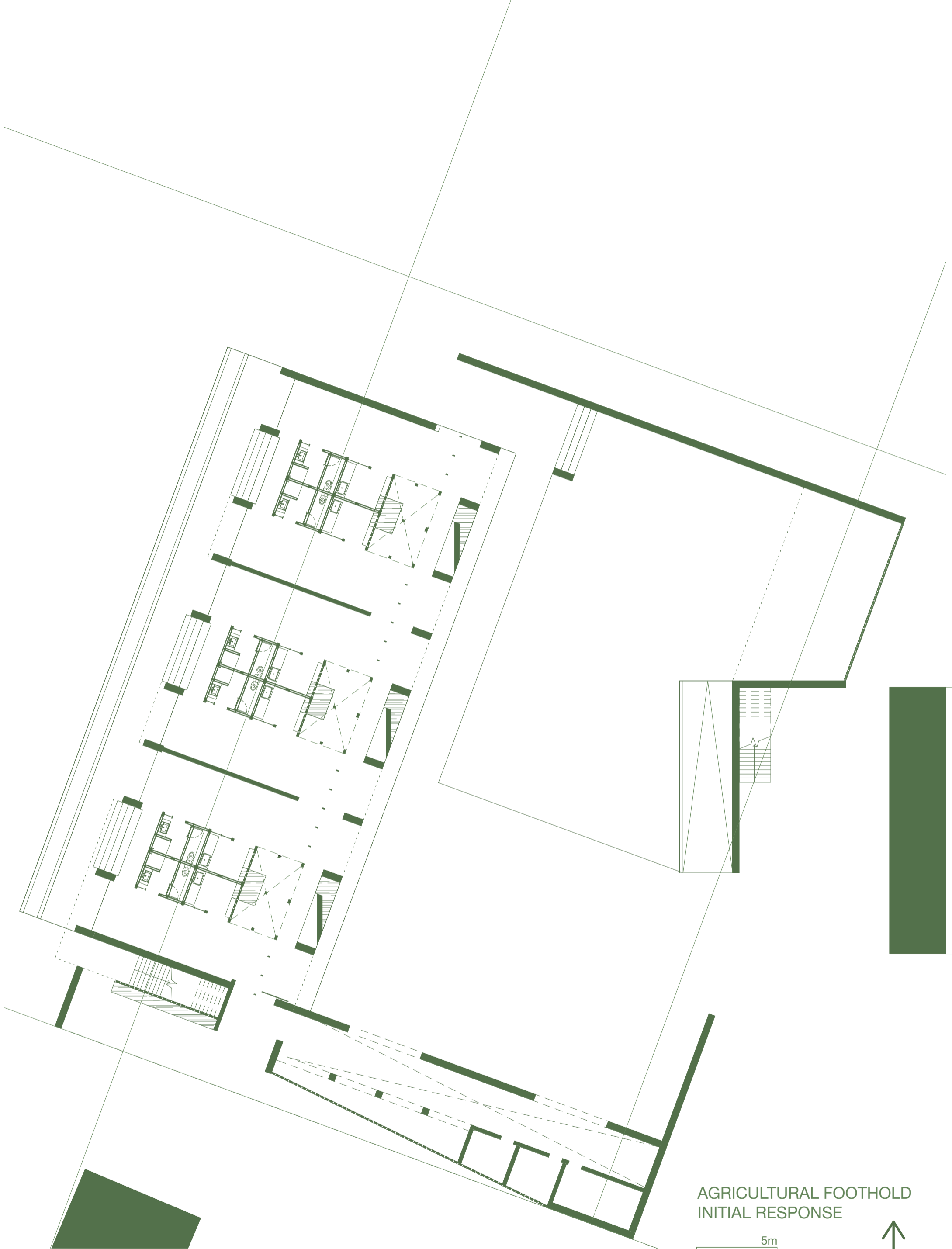


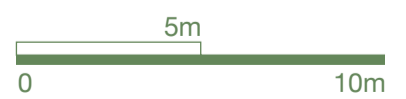


AGRICULTURAL FOOHOLD
FIRST FLOOR

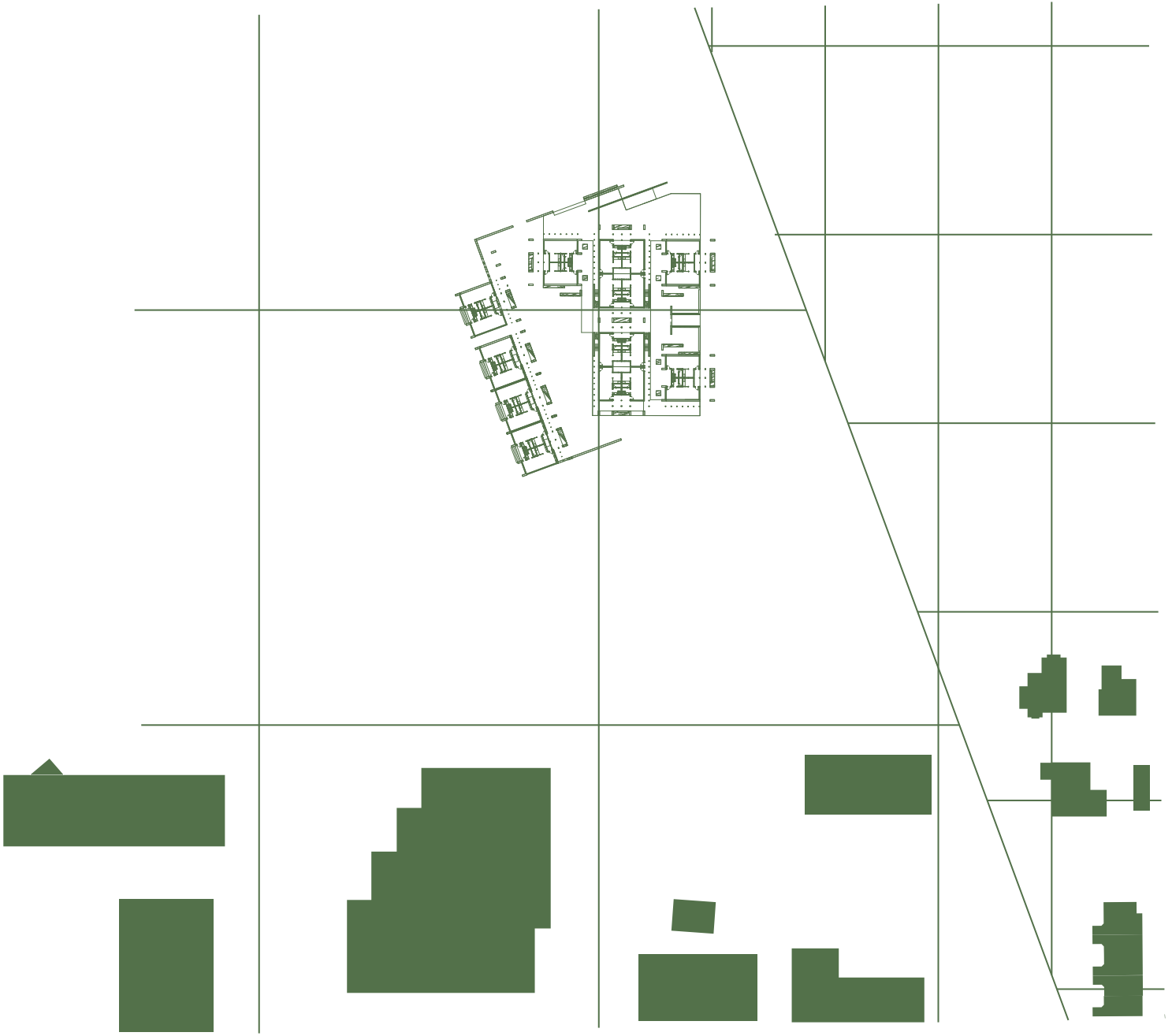


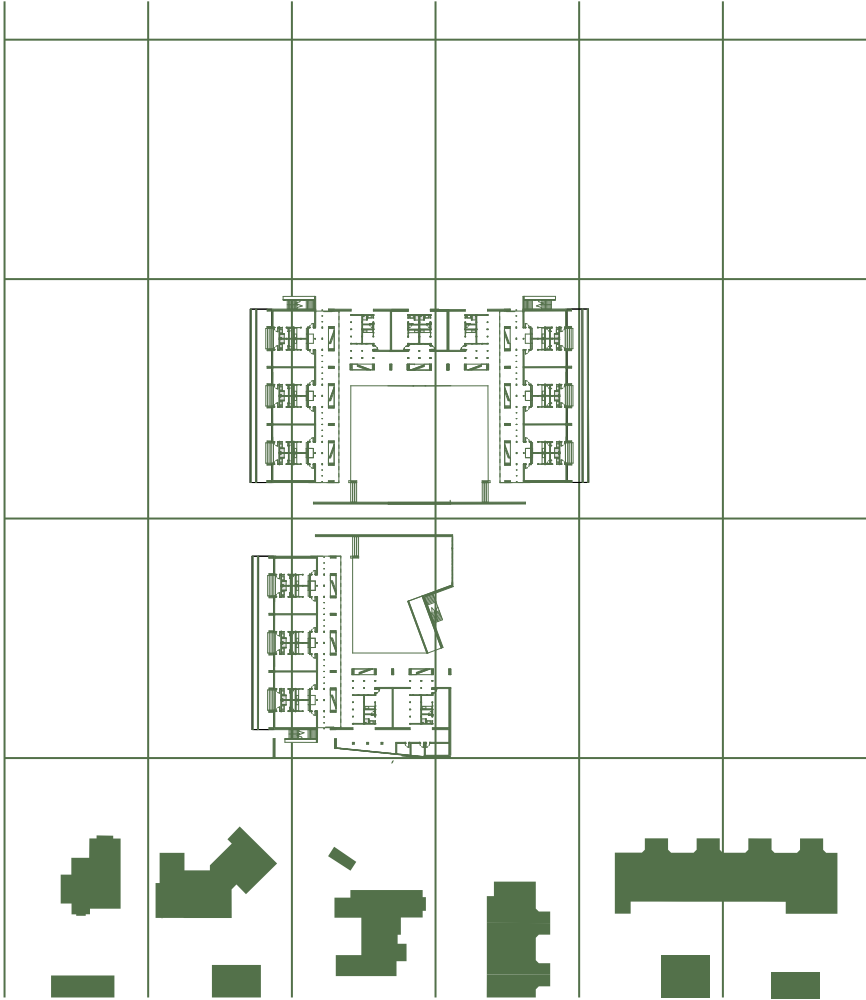


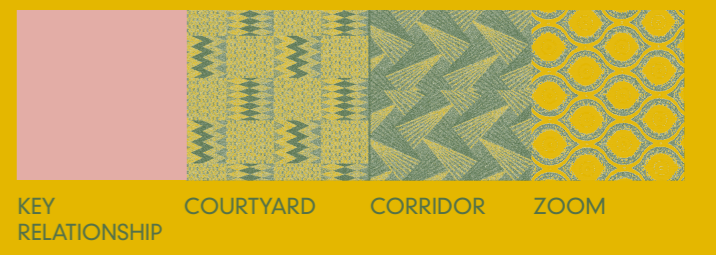
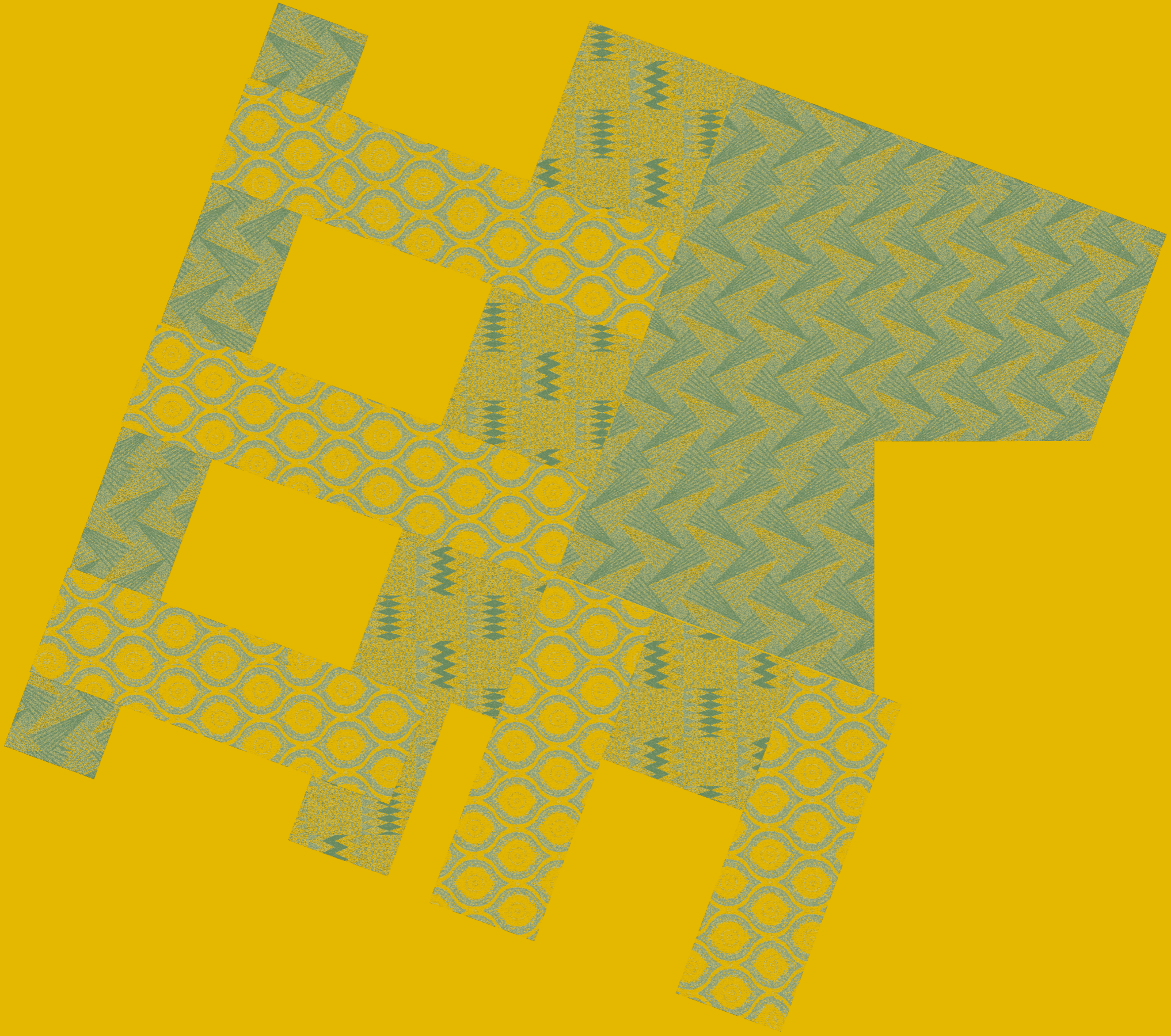
AGRICULTURAL Foothold
INITIAL RESPONSE

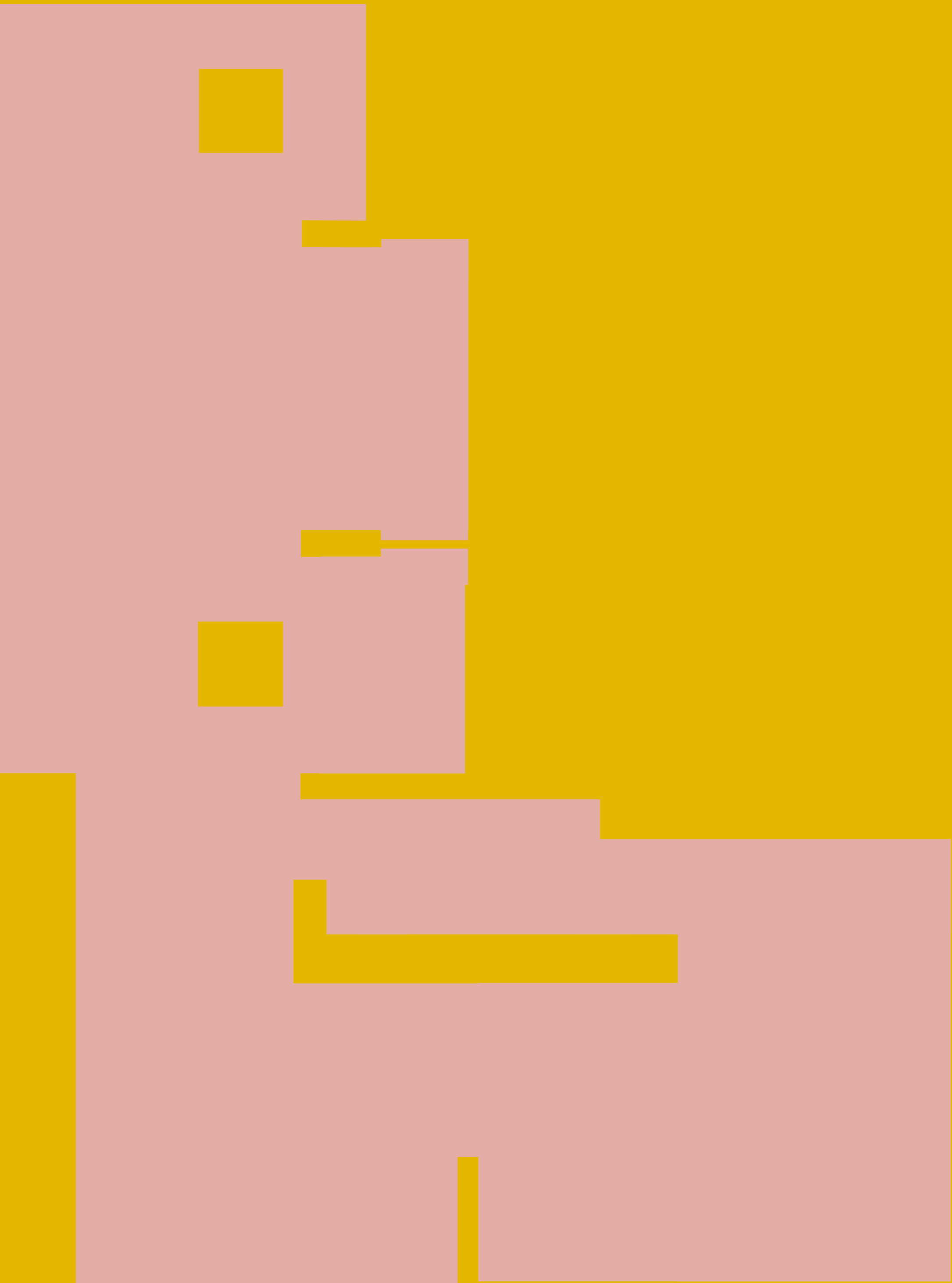
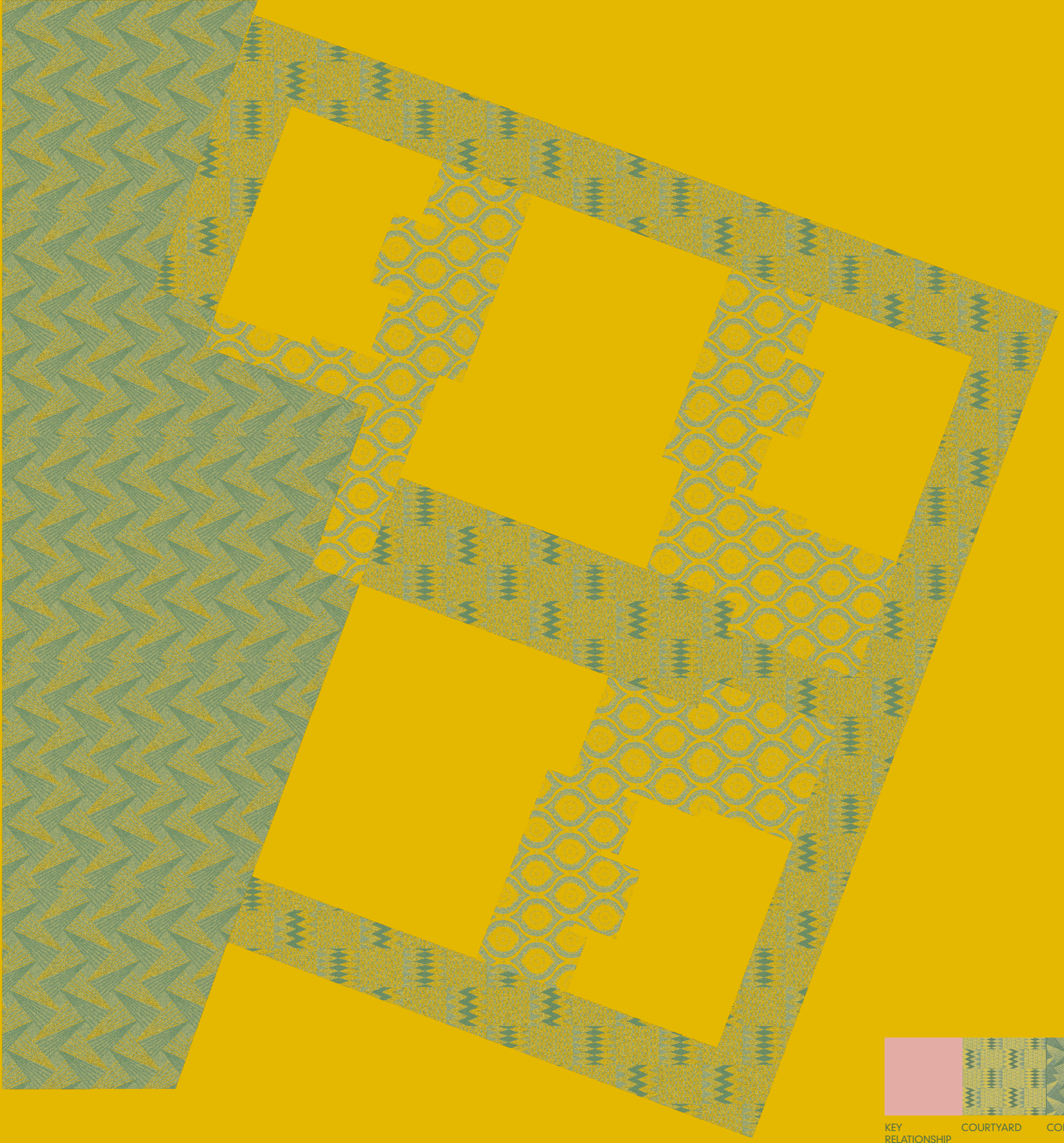








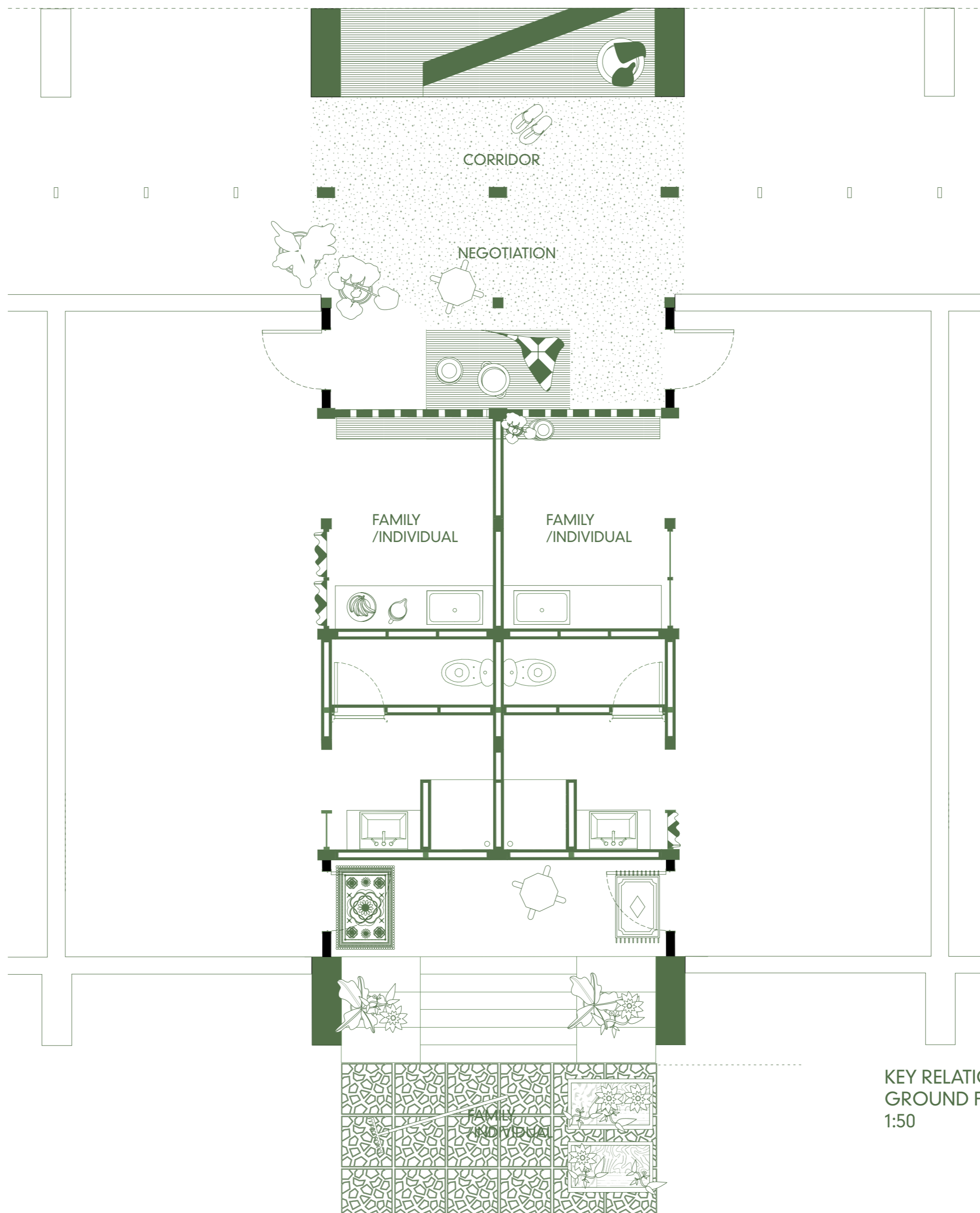
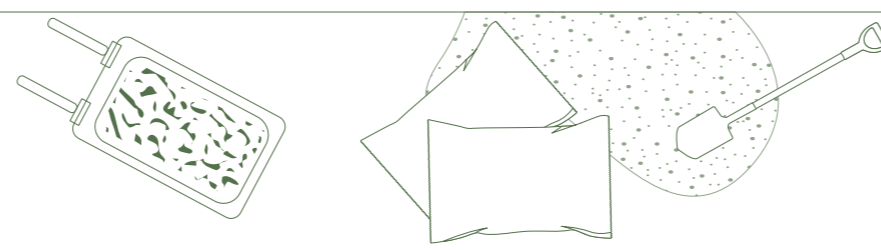
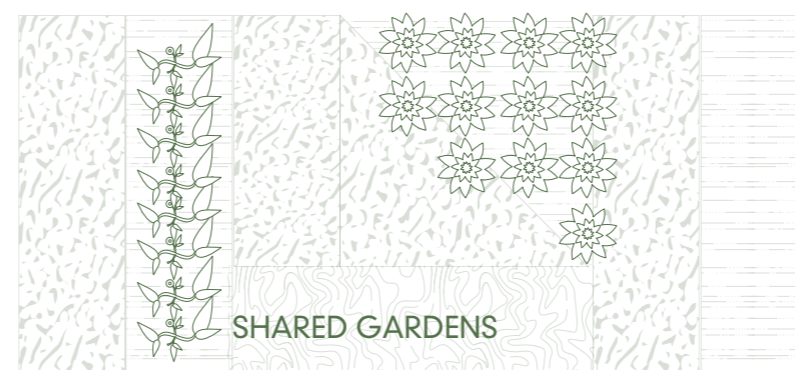




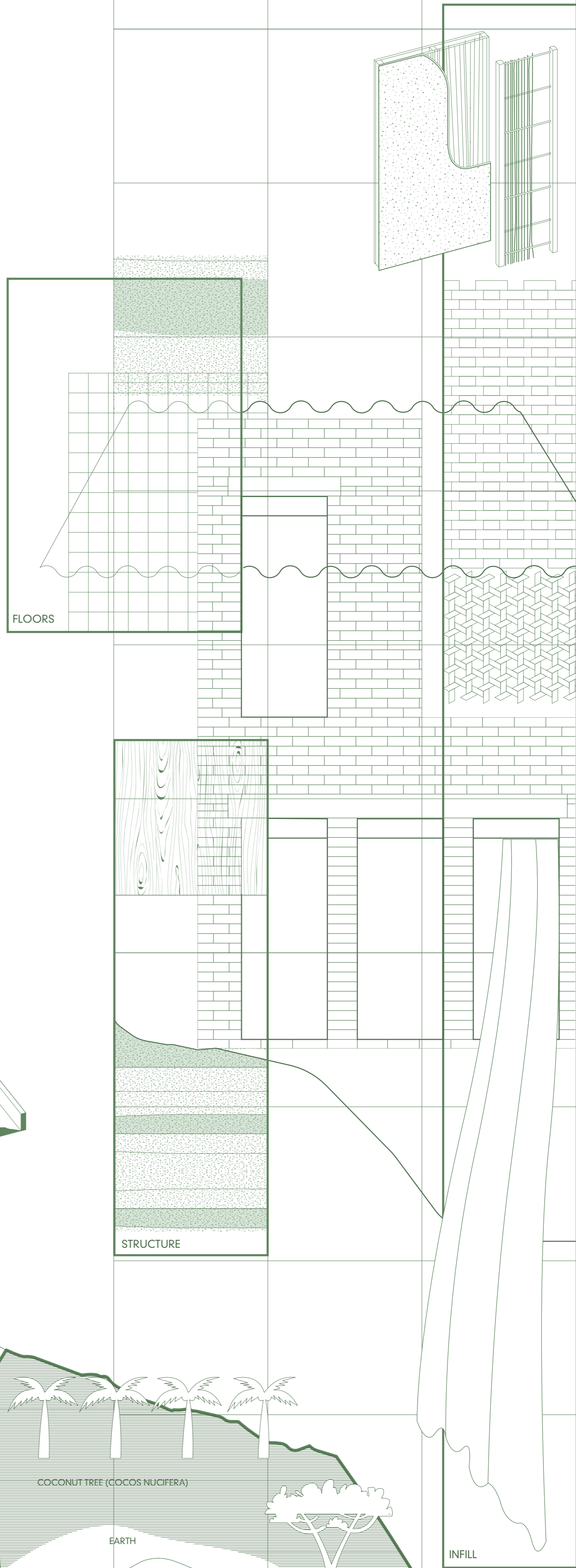
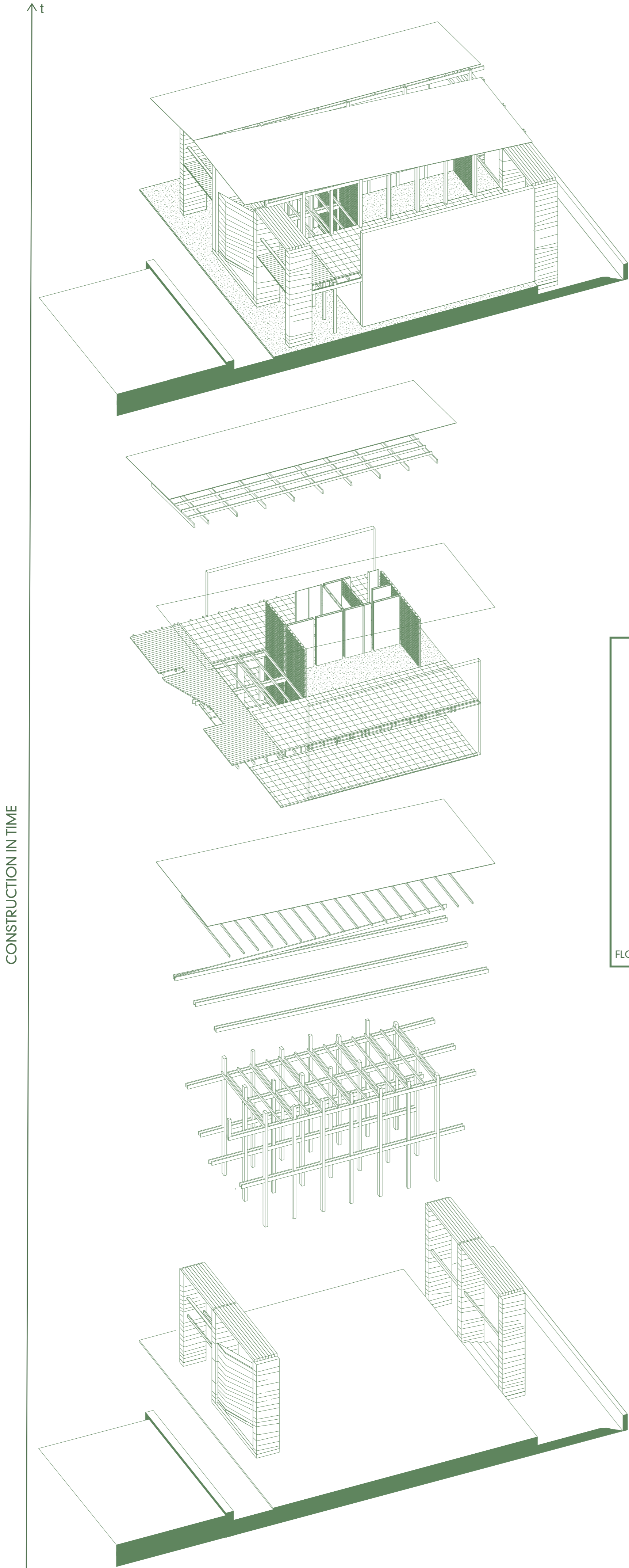


AGRICULTURAL FOOTHOLD
GROUND FLOOR
1:200

- 1 MARKET PLACE (COLLABORATION)
- 2 COMMUNAL VERANDA
- 3 SHARED GARDENS/COURTYARD
- 4 PRIVATE GARDENS
- 5 INITIAL MARKET AREA
- 6 STORES



KEY RELATIONSHIP
GROUND FLOOR
1:50



BUILDING A MLINGOTINI HOUSE

A COLLECTIVE ACTION

SIX 400 MM X 1200 MM RAMMED EARTH PIERS ARE ERECTED DELINEATING THE EXTENT OF THE CORRIDOR (COLLECTIVE) AND THE DWELLING

A TIMBER FRAME

A STRUCTURAL TIMBER FRAME CONSISTING OF 200 X 50 MM BEAMS BOLTED TO 240 X 140 MM & 140 MM X 140 MM COLUMNS IS ERECTED. THE FRAME IS TIED INTO THE RAMMED EARTH PIERS. THE FRAME ACTS AS STRUCTURAL AND ORGANISATIONAL CORE.

RAISING THE ROOF

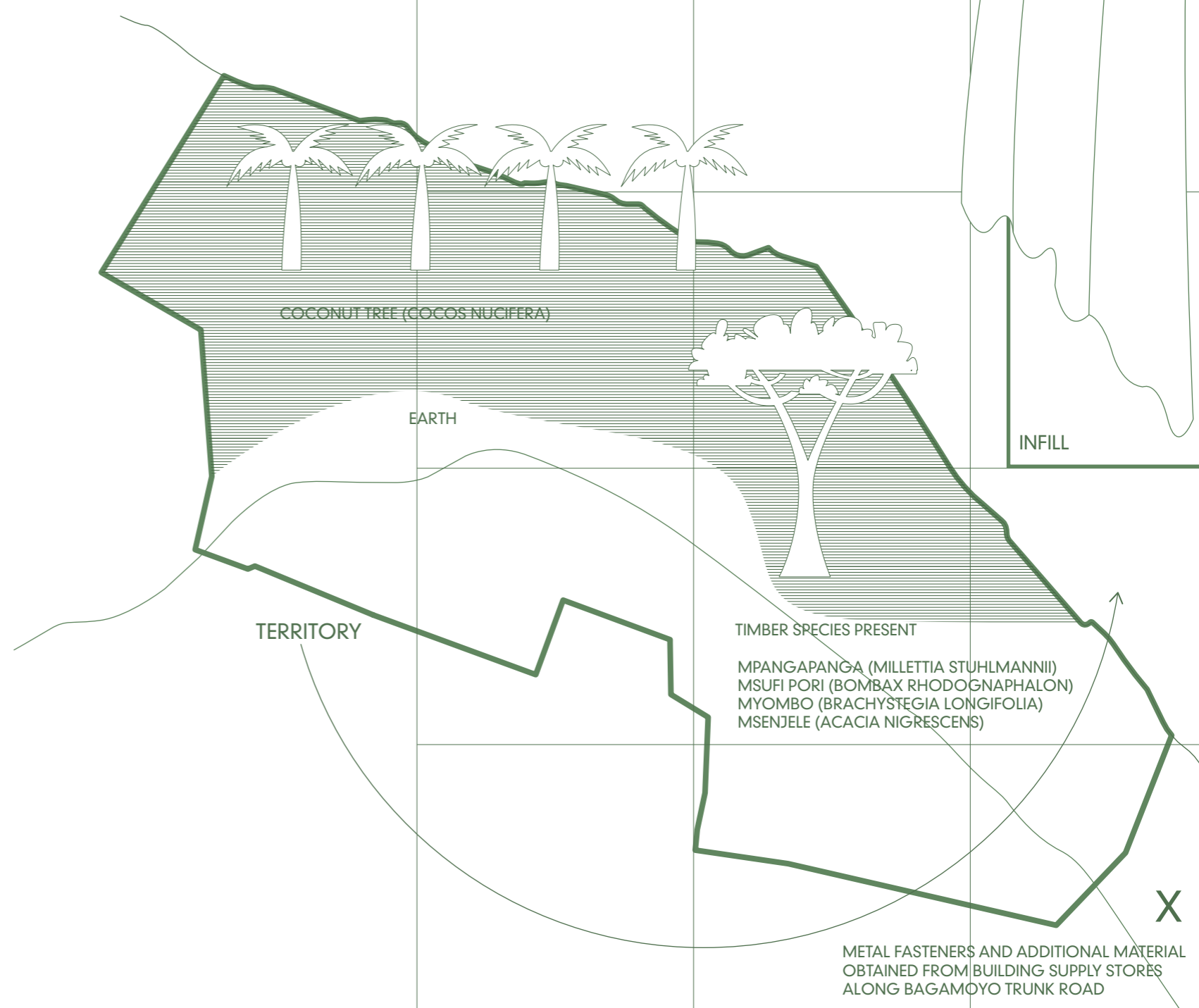
THE TIMBER FRAME ALLOWS FOR THE FIRST PITCHED ROOF TO BE ERECTED. THE RAISING OF THE ROOF IS AN ACT OF GENEROSITY. IT ARTICULATES THE TRANSITION FROM COLLECTIVE TO INDIVIDUAL/FAMILY ZONES WHILST PROVIDING RESPITE FROM SUN AND RAIN - WELCOMING ACTIVITY.

INFILL

WITH THE MAIN STRUCTURE ESTABLISHED OCCUPANTS CONFIGURE THE INTERIOR (INDIVIDUAL/FAMILY ZONE). THREE WALL TYPES ARE INTRODUCED: (A) A MUD PLASTER WALL REFERENCING TRADITIONAL WATTLE AND DAUB CONSTRUCTION, (B) PERFORATED/'SOFT' SKINS OF WOVEN COCONUT MATS, CYPRESS SCREENS AND CURTAINS AND (C) SOLID OR PERFORATED COMPRESSED EARTH BLOCK (CEB) WALLS

FLOORS

THREE FLOOR TYPES ARE INTRODUCED: ONE COMPRISED OF COMPACTED MUD & COW DUNG, A SECOND OF 300 X 300 BAKED CLAY TILES AND A THIRD OF RECLAIMED TIMBER



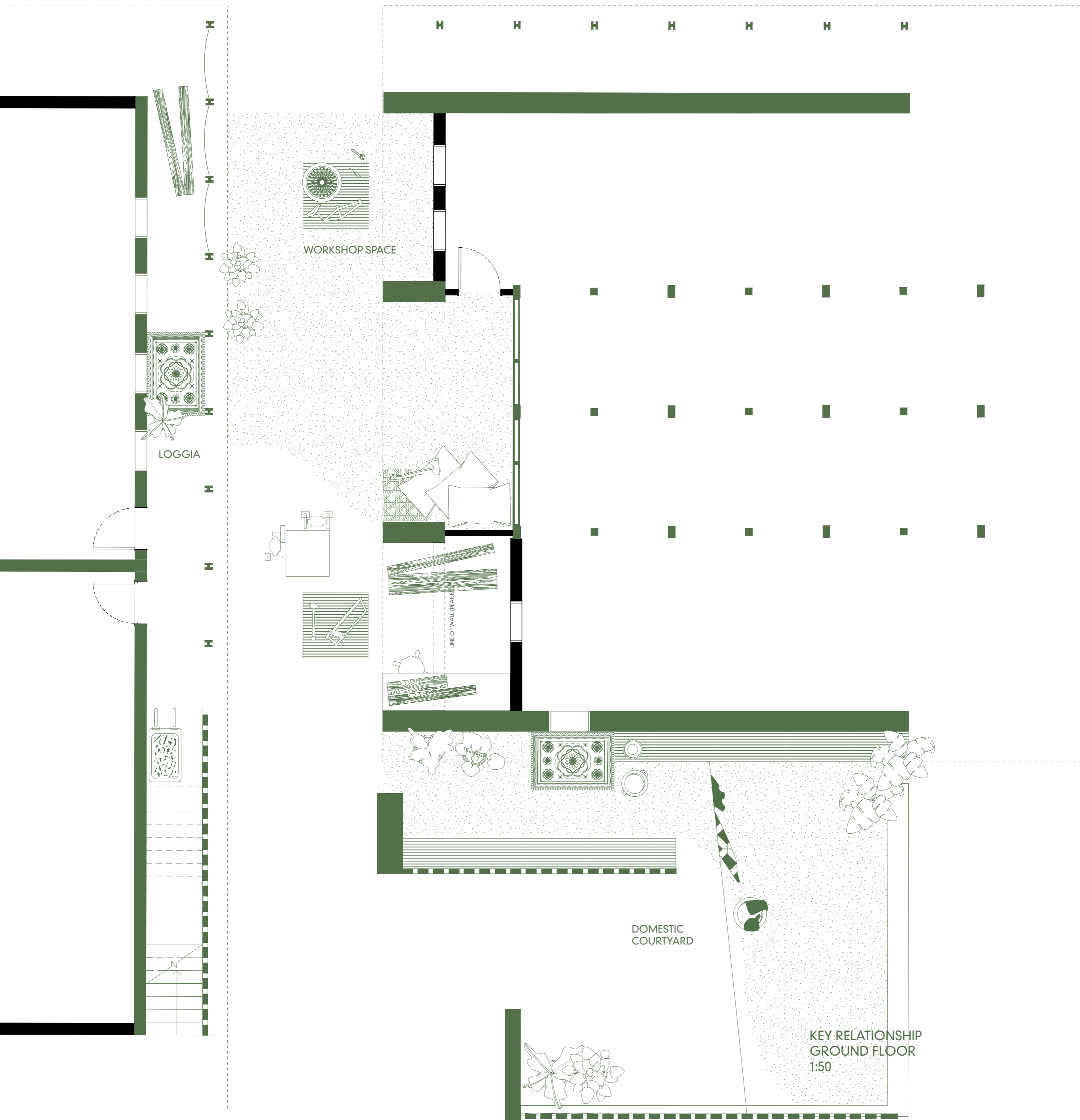
X

METAL FASTENERS AND ADDITIONAL MATERIAL OBTAINED FROM BUILDING SUPPLY STORES ALONG BAGAMOYO TRUNK ROAD



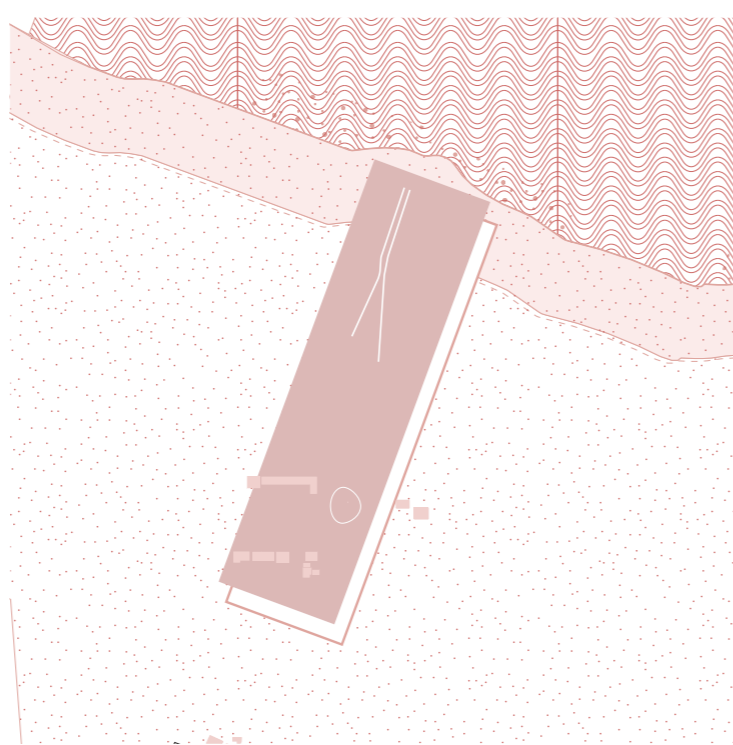
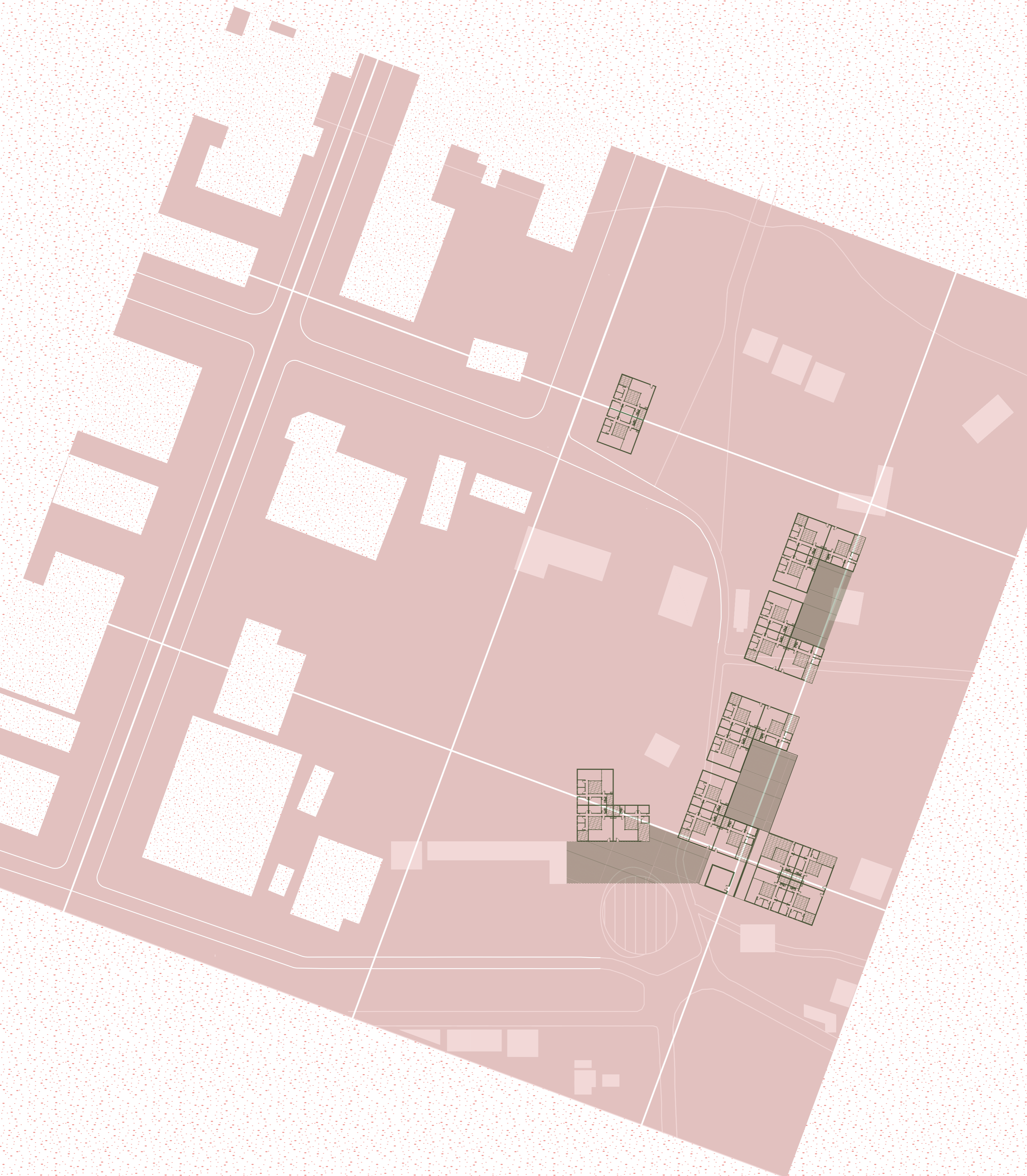
INFRASTRUCTURAL Foothold
GROUND FLOOR
1:200

- 1 DOMESTIC COURTYARD (COLLABORATION)
- 2 WORKSPACES
- 3 COURTYARD
- 4 STALLS /WORKSHOPS - FUTURE MLINGOTINI HOUSES

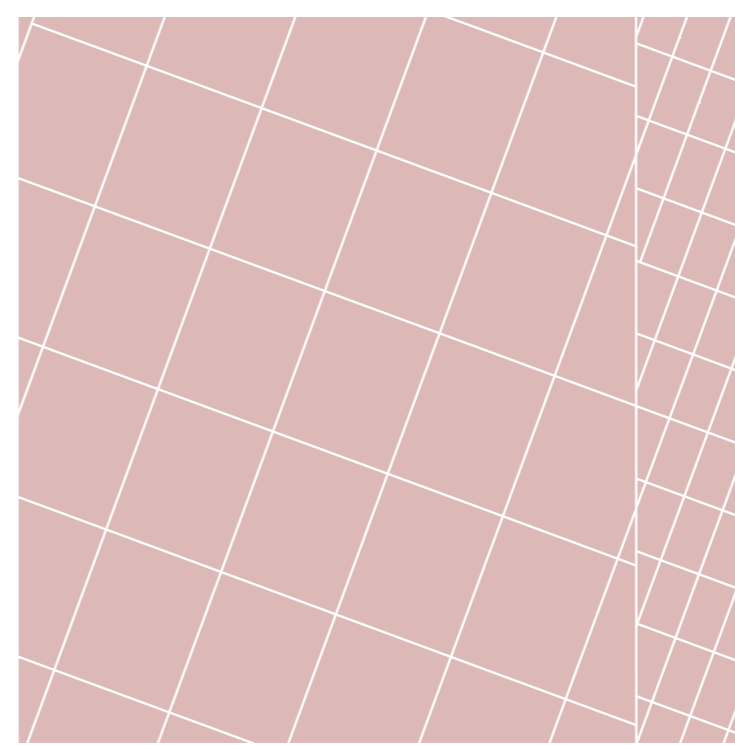


DOMESTIC COURTYARD

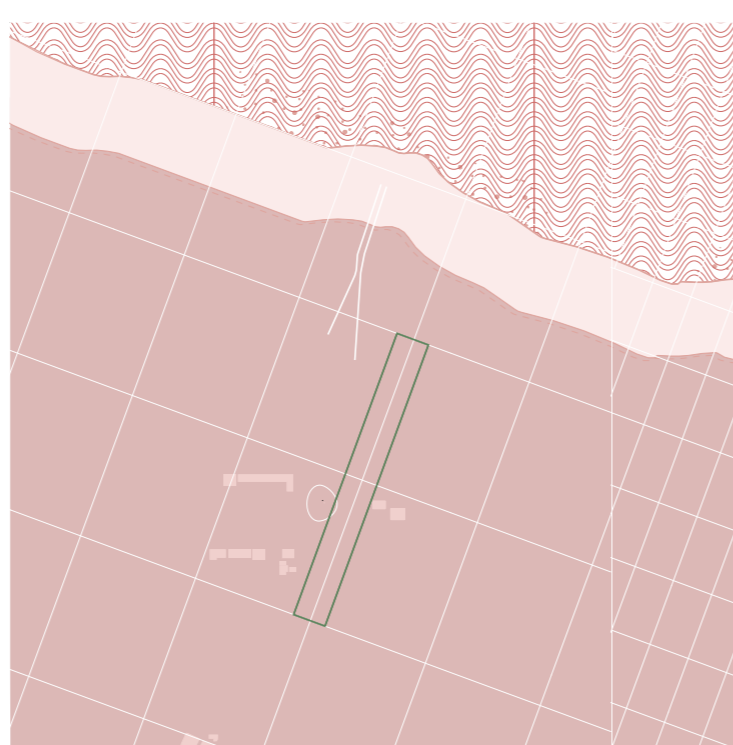
KEY RELATIONSHIP
GROUND FLOOR
1:50



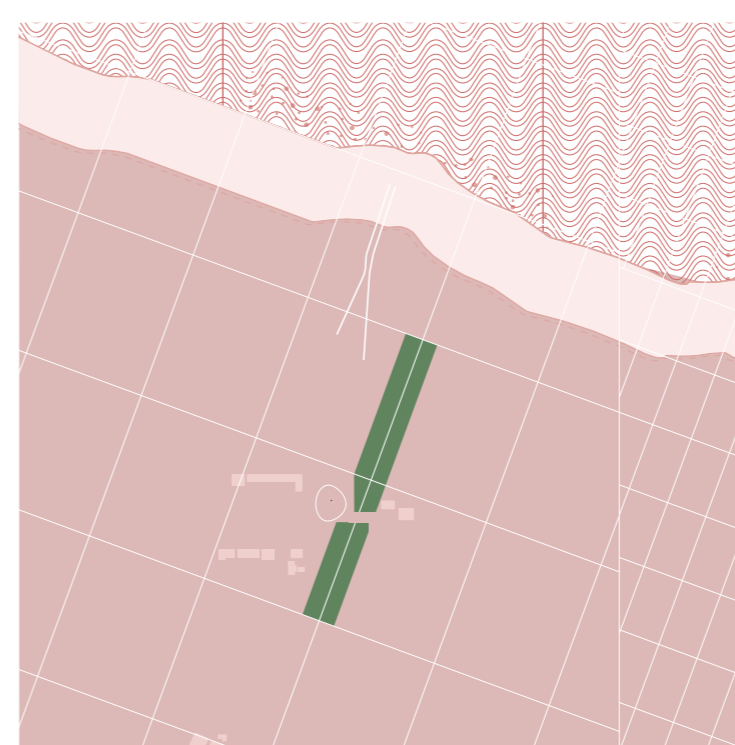
EXISTING OCCUPATION



CORRESPONDING SEZ GRID



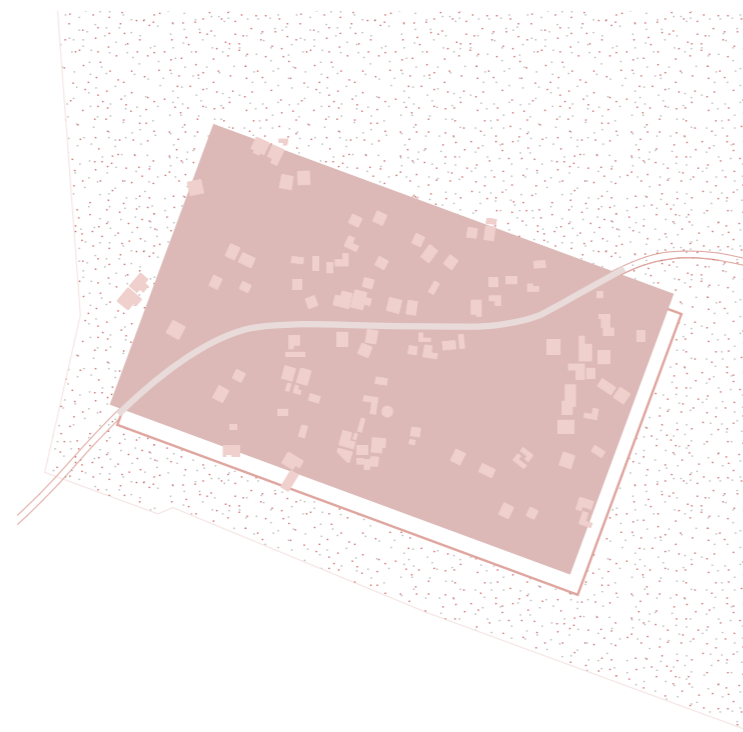
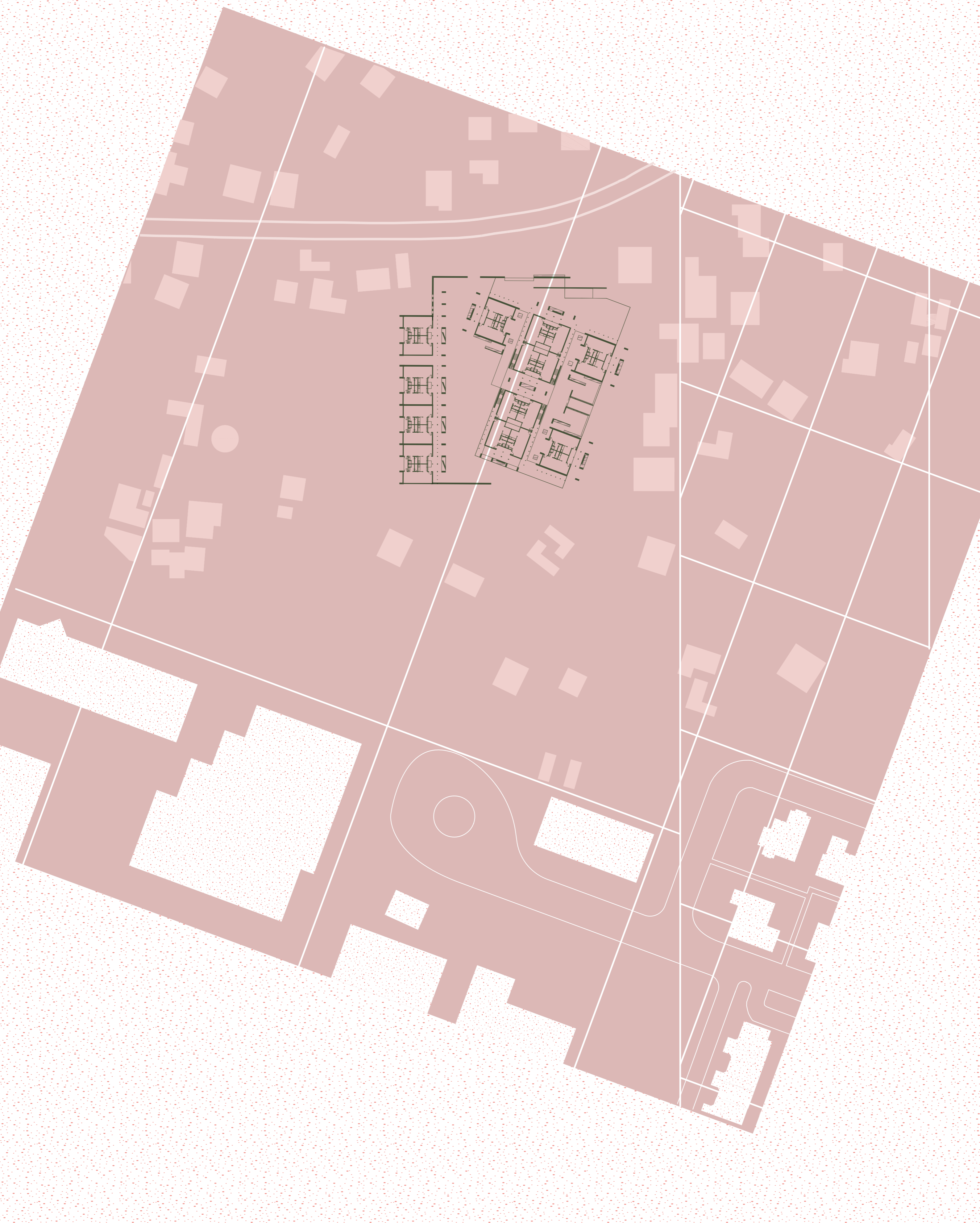
RESPONSE TO GRID



RESPONSE TO MLINGOTINI

PROGRAMMATIC FOOTHOLD
0 50m

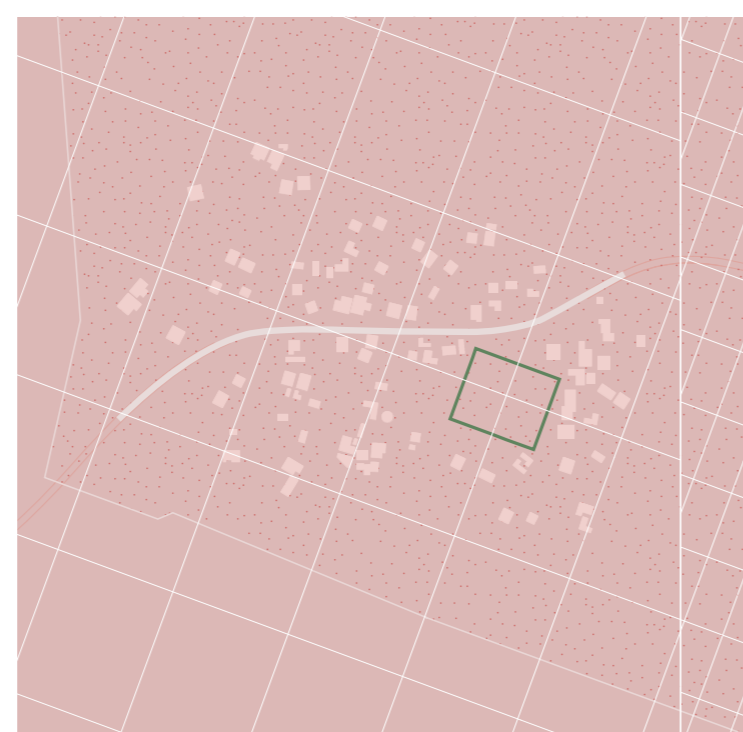




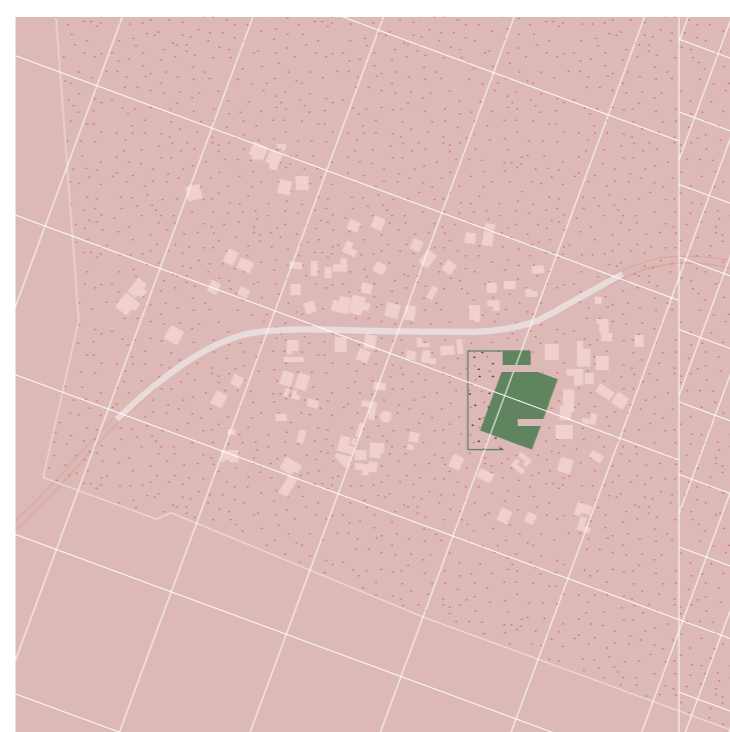
EXISTING OCCUPATION



CORRESPONDING SEZ GRID



RESPONSE TO GRID

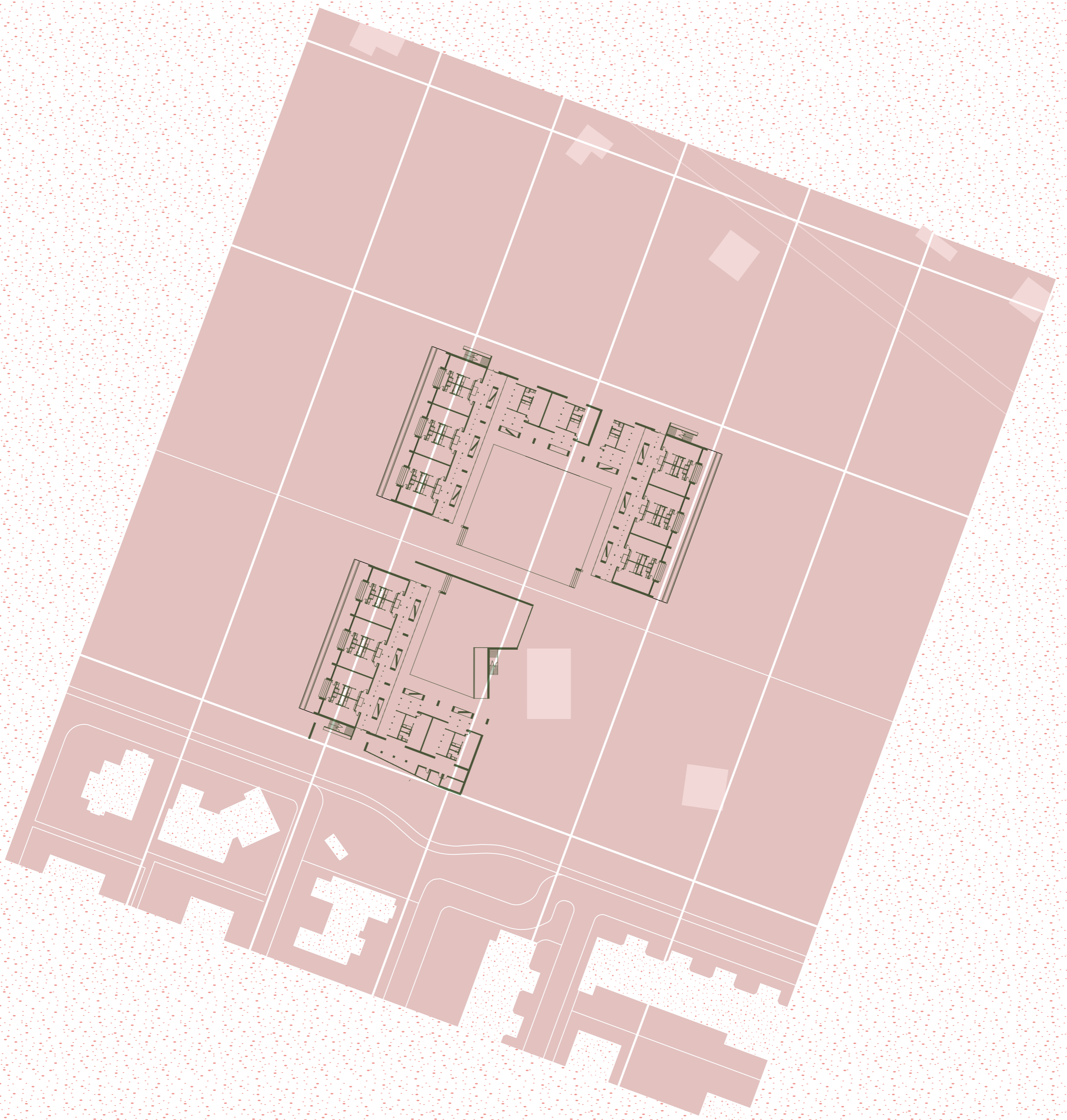


RESPONSE TO MLINGOTINI

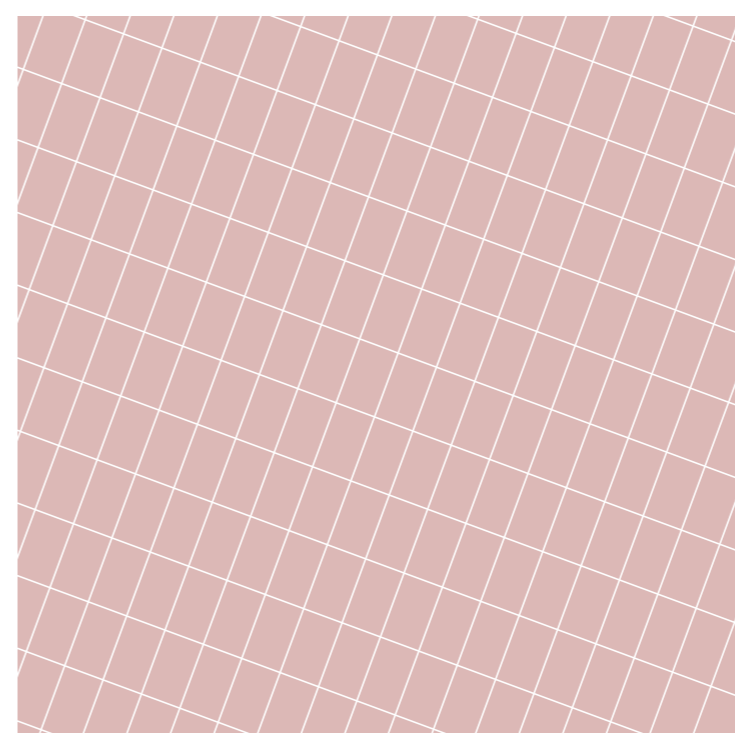
INFRASTRUCTURAL FOOHOLD

0 50m

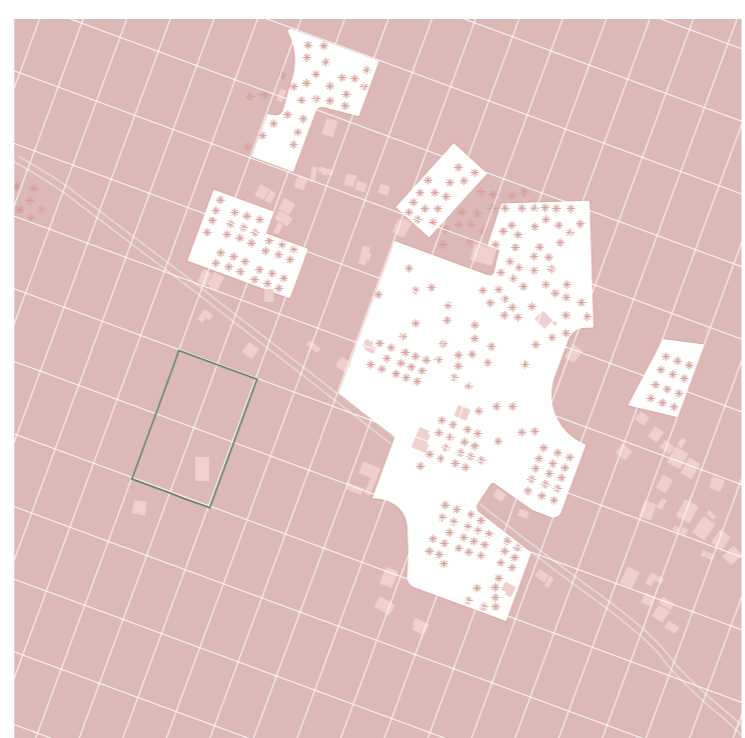




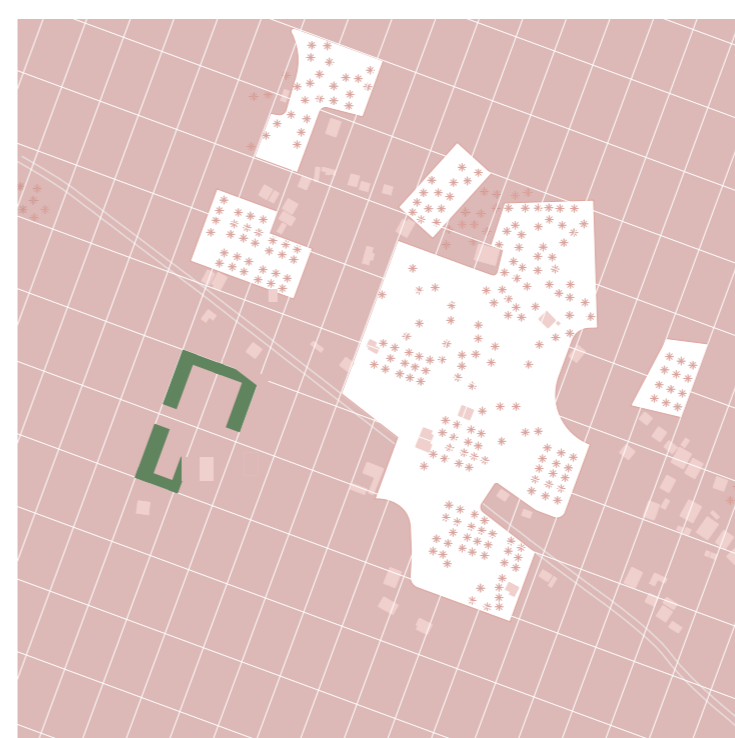
EXISTING OCCUPATION



CORRESPONDING SEZ GRID



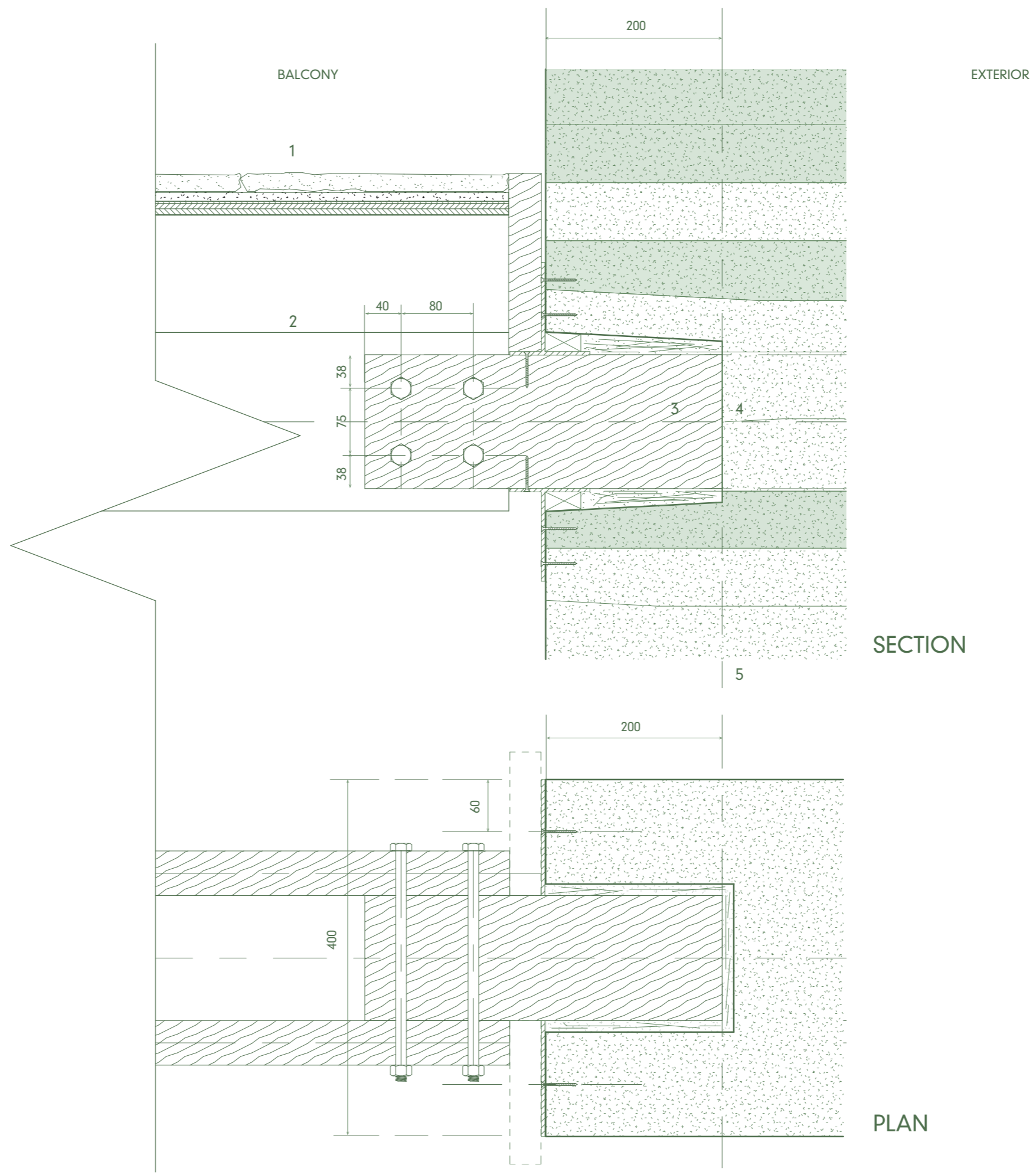
RESPONSE TO GRID



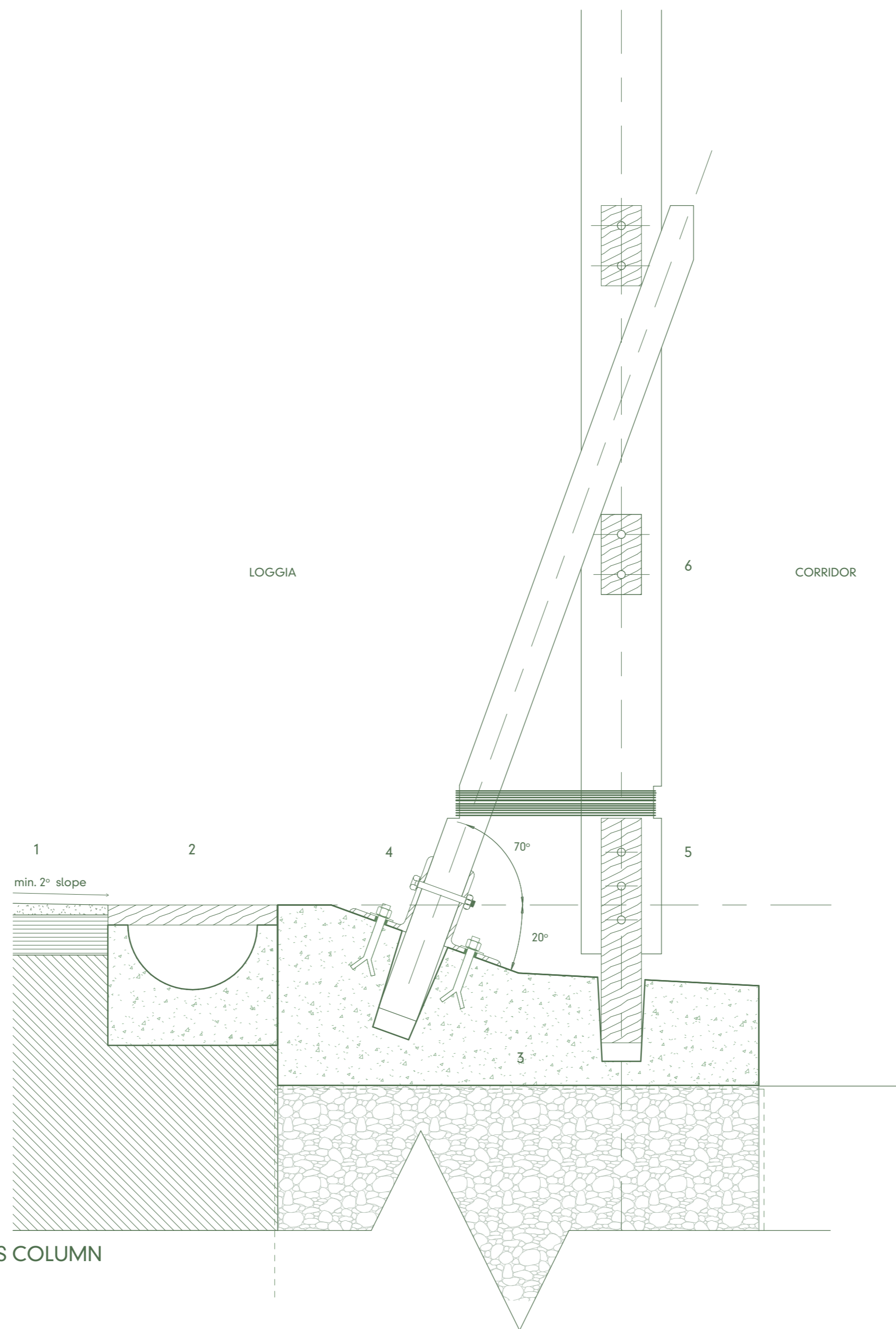
RESPONSE TO MLINGOTINI

AGRICULTURAL FOOTHOLD

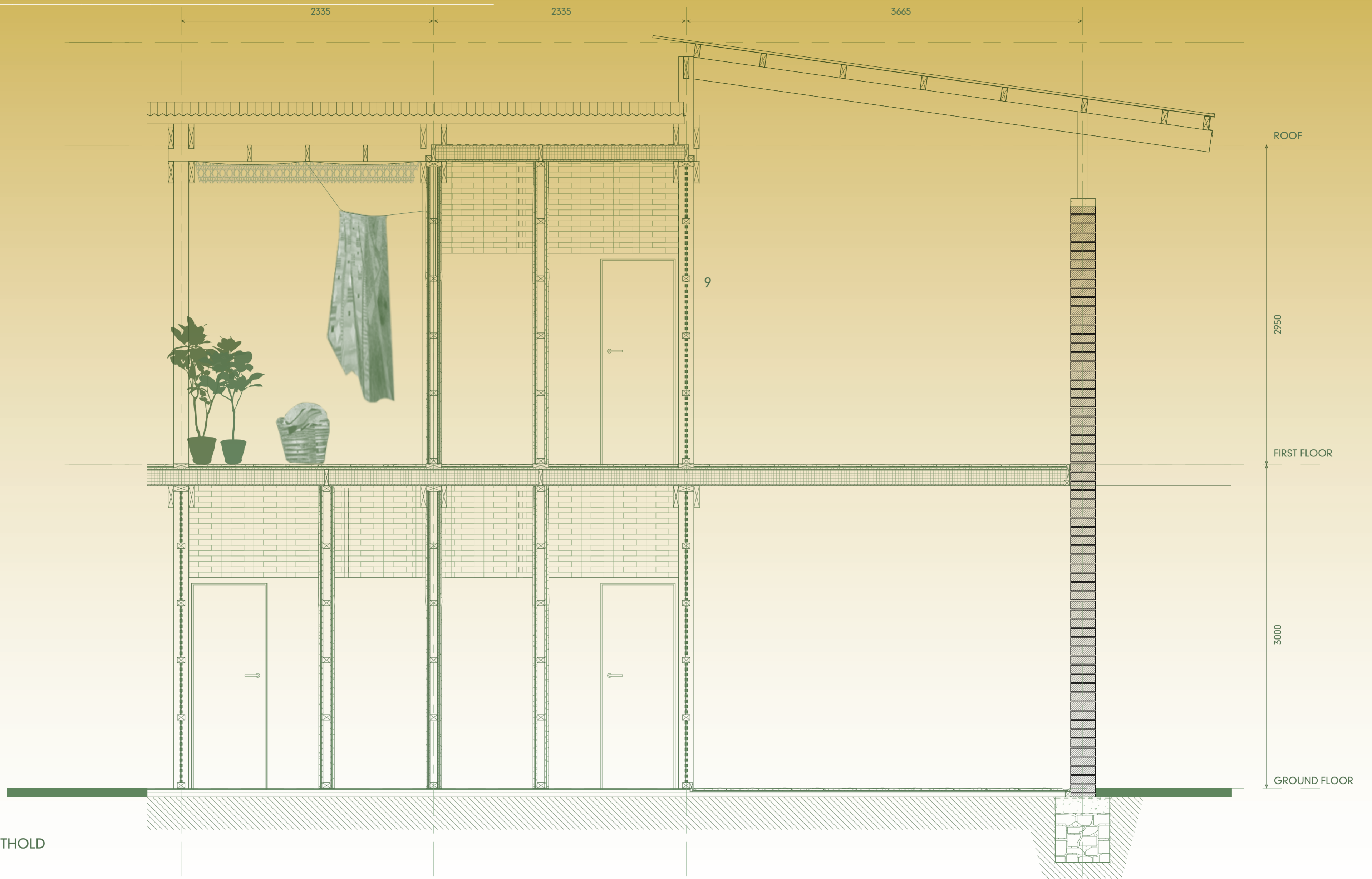




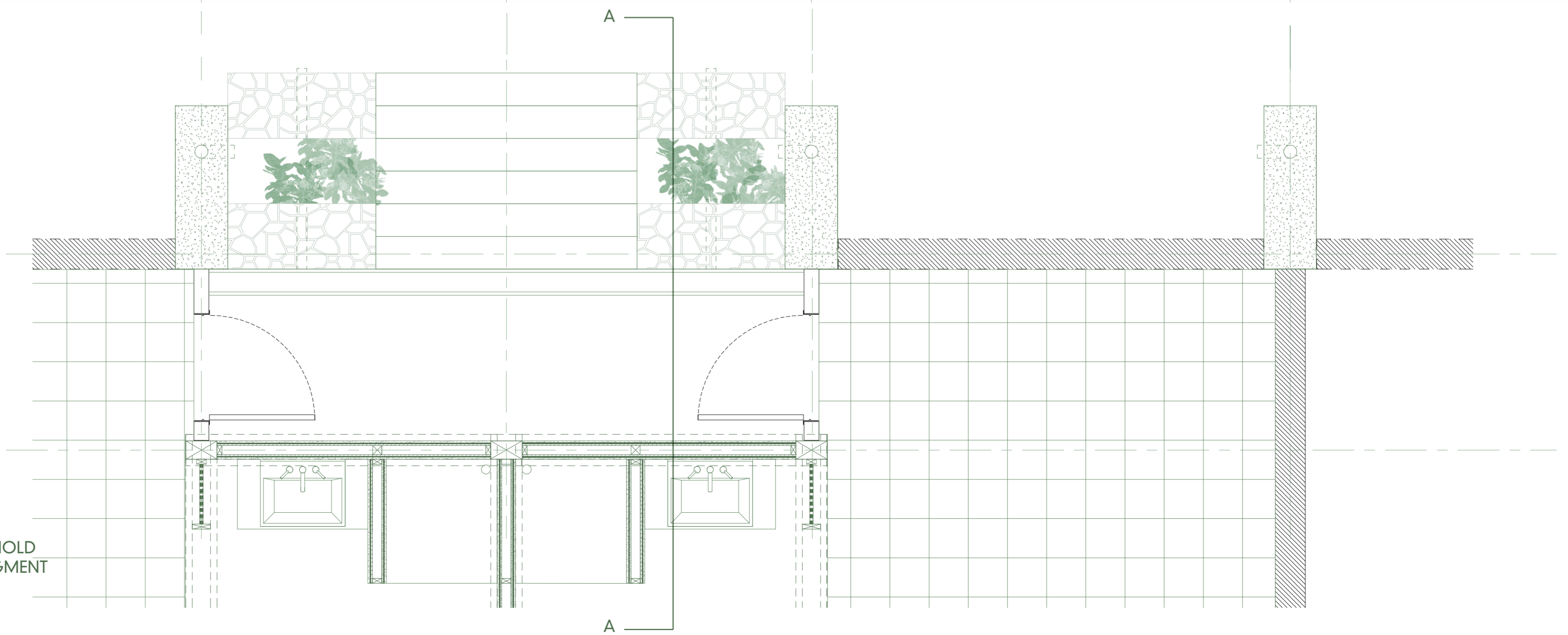
TIMBER FRAME TO RAMMED EARTH PIER CONNECTION
1:5



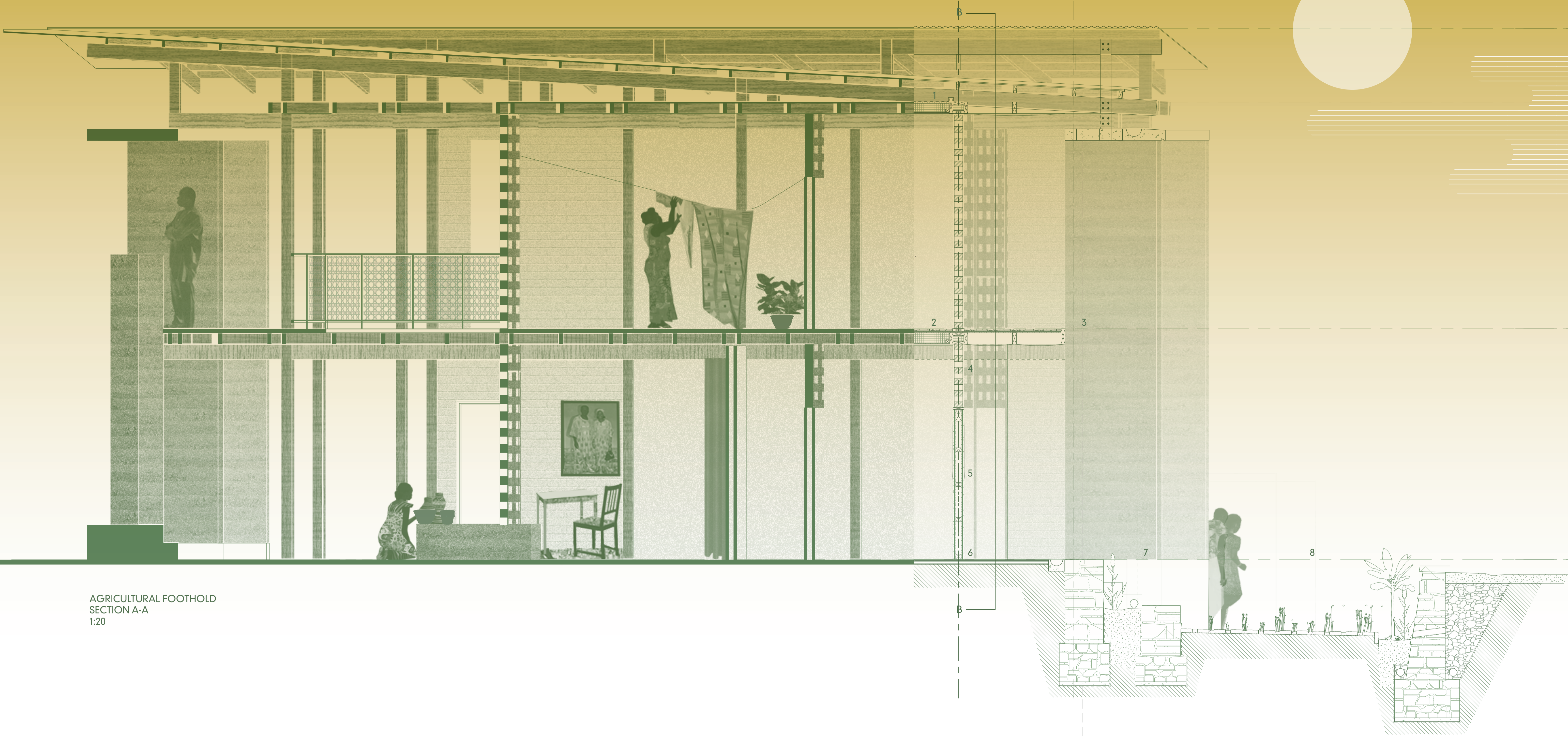
BOAT BUILDER'S COLUMN FOOTING
1:5



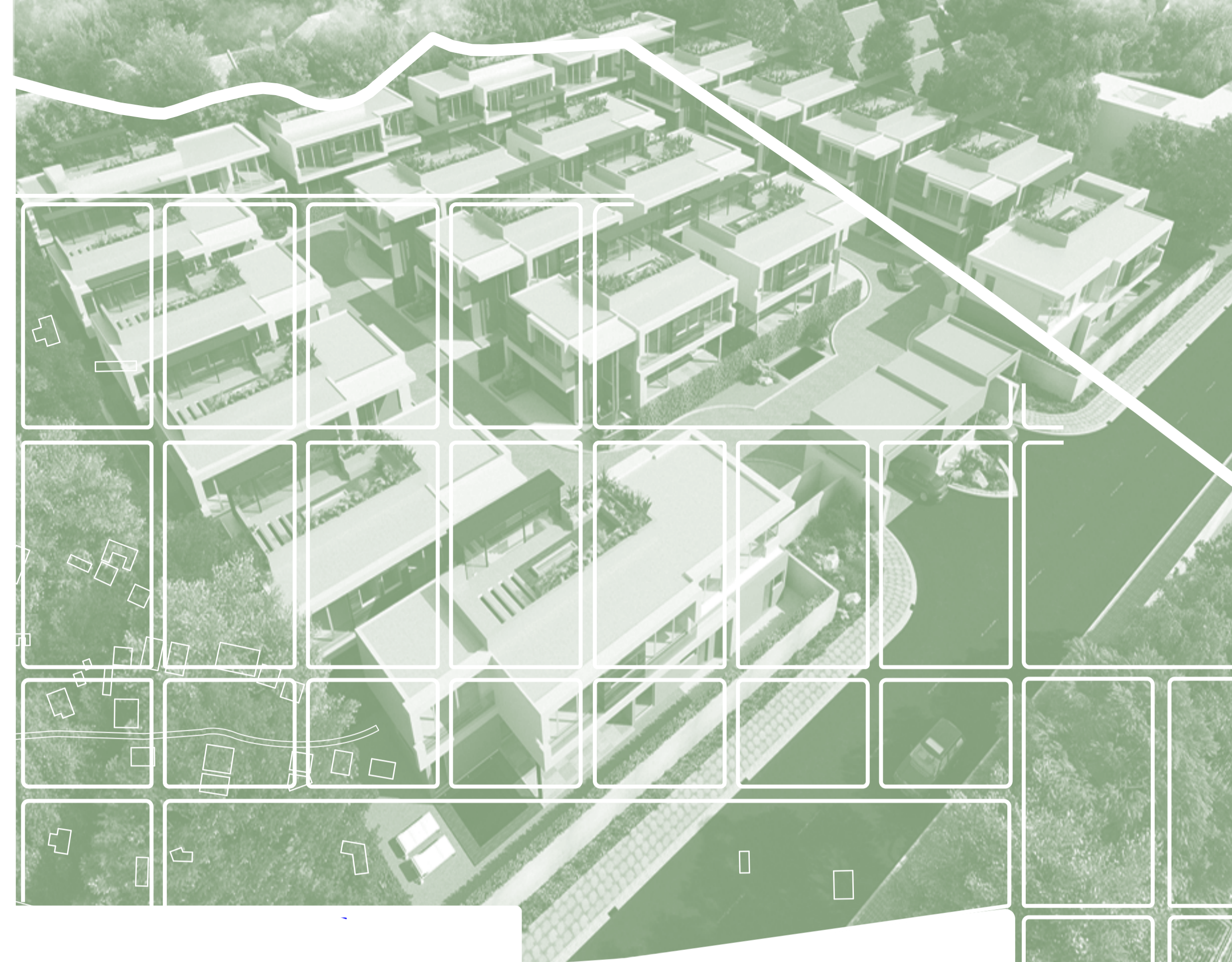
AGRICULTURAL FOOTHOLD
SECTION B-B
1:20



AGRICULTURAL FOOTHOLD
GROUND FLOOR FRAGMENT
1:20



AGRICULTURAL Foothold
SECTION A-A
1:20



NOMOS
1:1500
A MEDIUM DENSITY
RESIDENTIAL & RESORT
B INDUSTRIAL

