DESIGNING FOR MALADJUSTED YOUTH.
USING A REWARD PROGRAM.

Graduation Presentation

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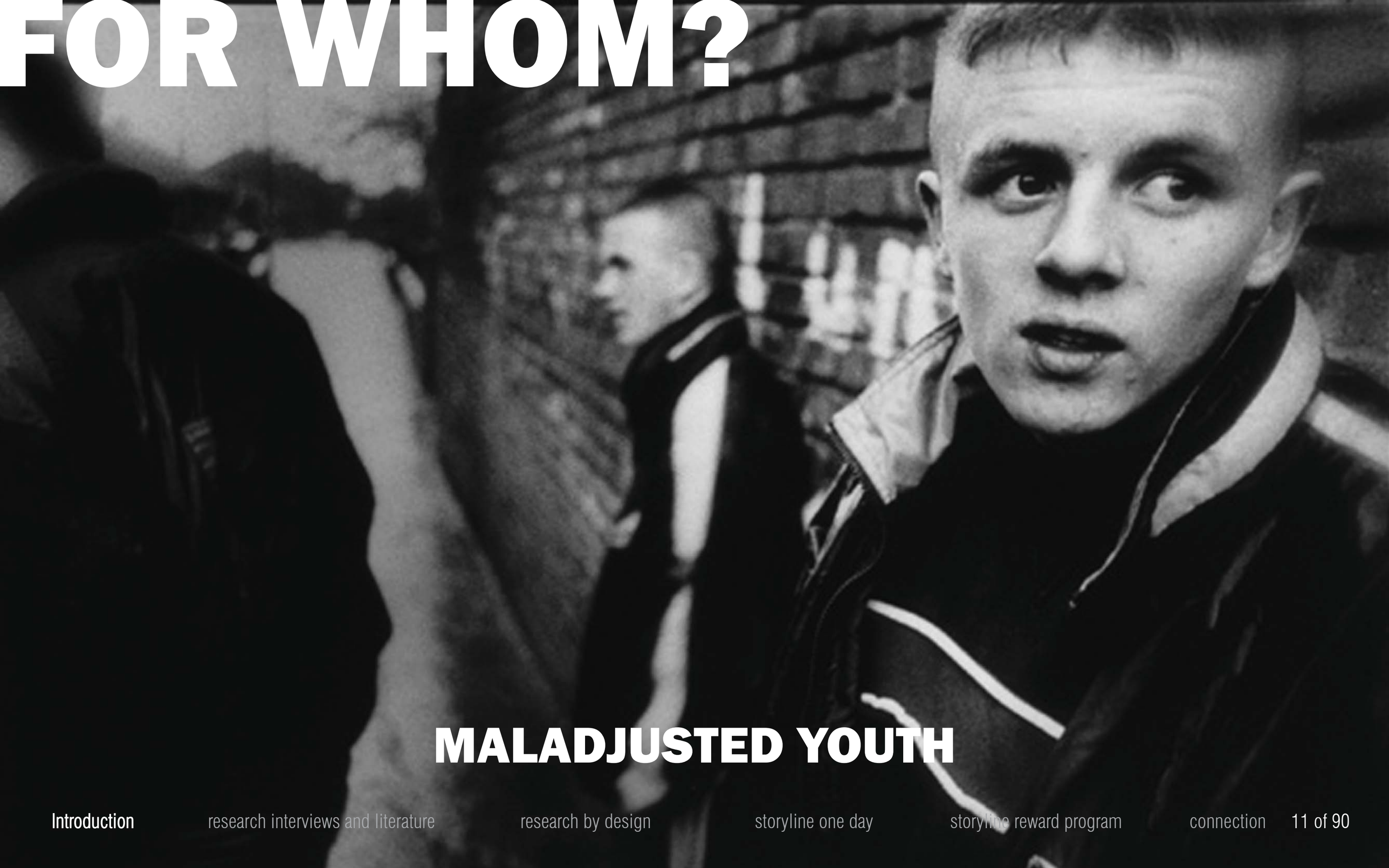
INTRODUCTION.

FOR WHOM?



MALADJUSTED YOUTH

FOR WHOM?

ABEL.

HOW?

PREPARATION

TIME-OUT PROJECT

PROCESSING

How?

PREPARATION

six months
in the Netherlands

TIME-OUT PROJECT

six to twelve weeks
in France

PROCESSING

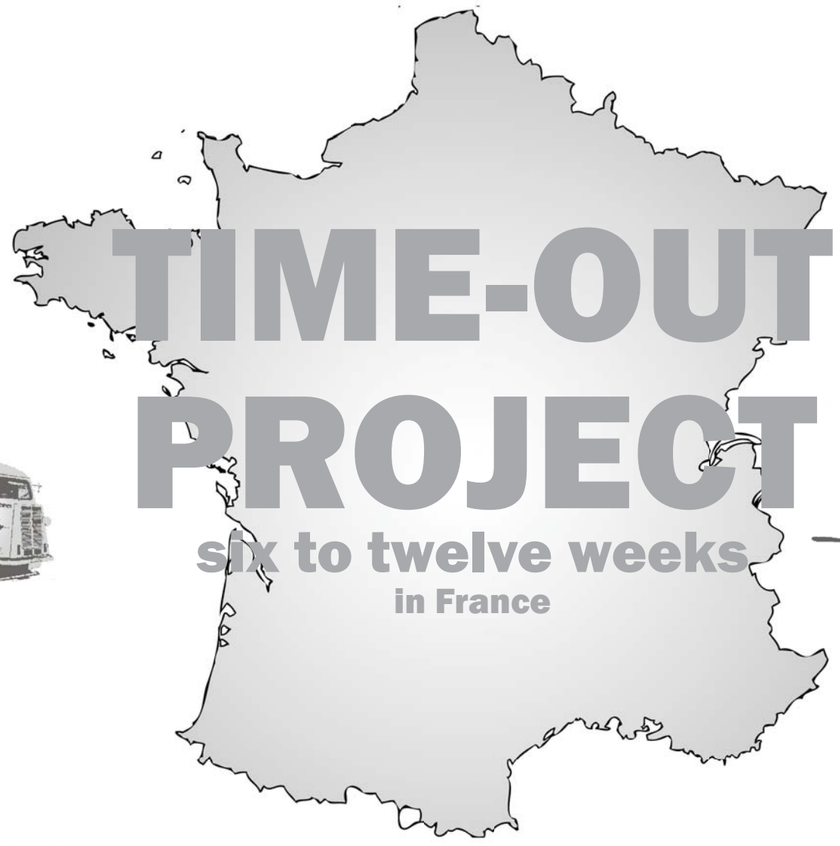
six months
in the Netherlands

How?

PREPARATION

six months
in the Netherlands

TREATMENT INCLUDES HOME-FRONT



TIME-OUT PROJECT

six to twelve weeks
in France

INDIRECT CONTACT HOME-FRONT TREATMENT HOME-FRONT CONTINUES

TREATMENT INCLUDES HOME-FRONT

PROCESSING

six months
in the Netherlands

How?

PREPARATION

six months
in the Netherlands

TREATMENT INCLUDES HOME-FRONT

TIME-OUT PROJECT

six to twelve weeks
in France

INDIRECT CONTACT HOME-FRONT TREATMENT HOME-FRONT CONTINUES

TREATMENT INCLUDES HOME-FRONT

PROCESSING

six months
in the Netherlands

WHERE?

ABROAD

ORMOY

WHERE?

NATURE

WHERE?

EXISTING BUILDING

WHERE?

EXISTING BUILDING

RESEARCH.

INTERVIEWS AND LITERATURE

PROGRAM.

OF REQUIREMENTS

FAMILY

YOUTH

8 YOUNGSTERS

2 OR 3 SUPERVISORS

EVERY 3 WEEKS:
REPLACEMENT OF
1 OR 2 OR 3
YOUNGSTERS

CONCLUSION:
EXISTING FARM TOO SMALL

TREATMENT.

SEPARATION SLEEPING AND TREATMENT

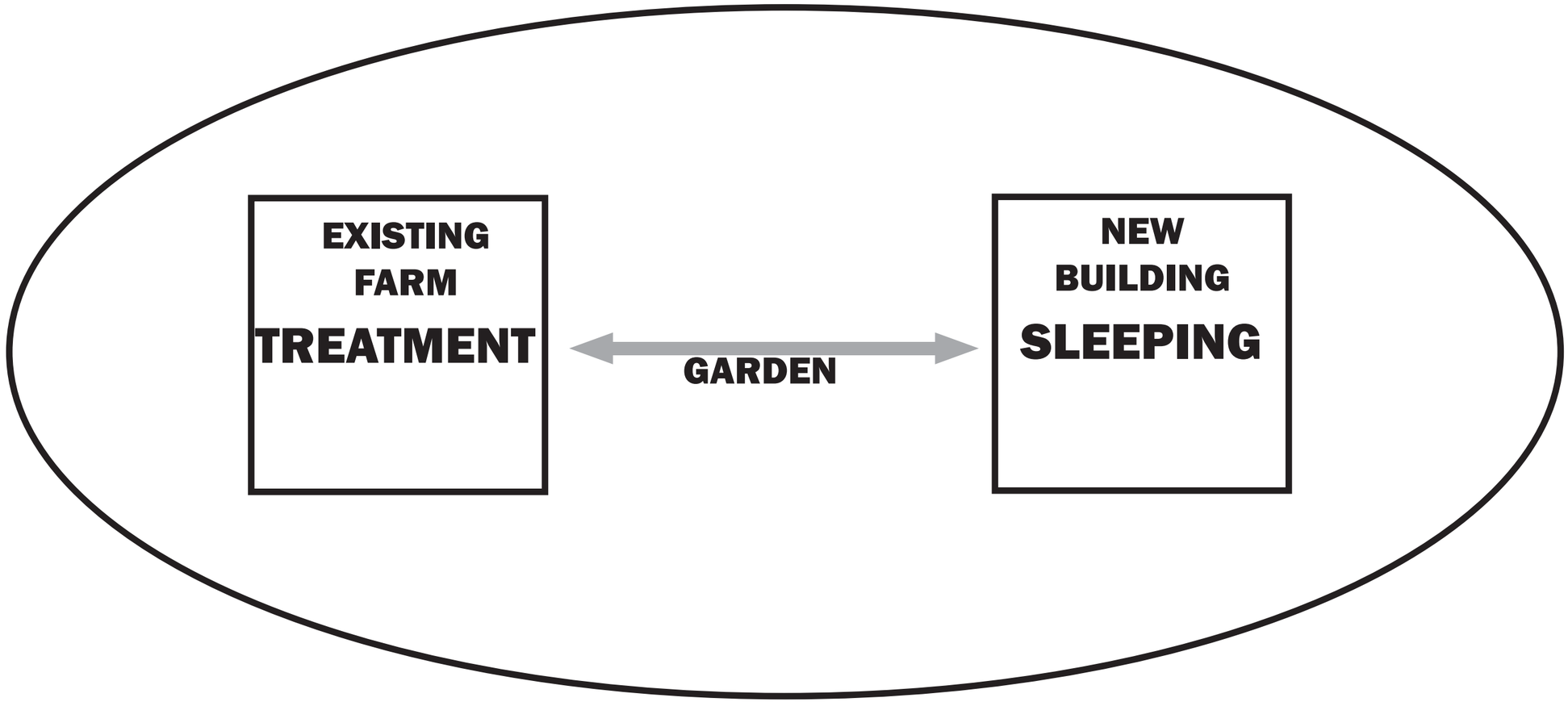
CONCLUSION:
TWO BUILDINGS

TREATMENT.

SEPARATION SLEEPING AND TREATMENT

TREATMENT.

SEPARATION SLEEPING AND TREATMENT



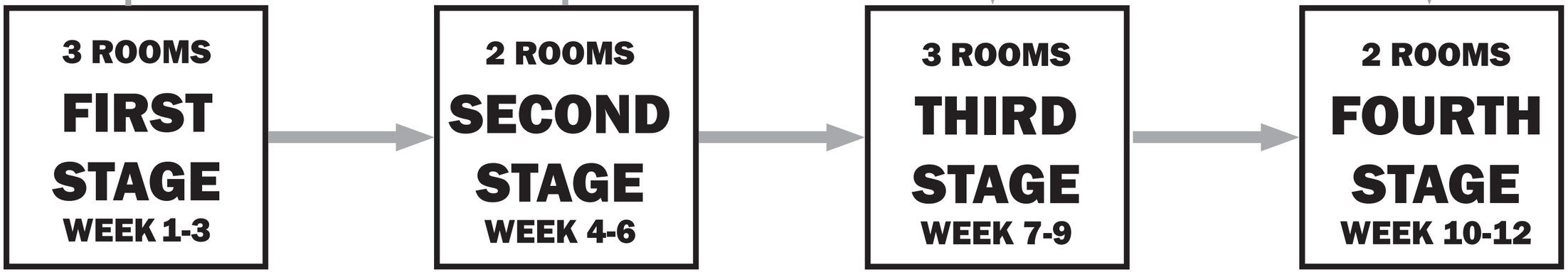
REWARD PROGRAM .

- BED, DESK, CLOSET

- BED, DESK, CLOSET
+ SINK

- BED, DESK, CLOSET,
SINK
+ SHOWER

- BED, DESK, CLOSET,
SINK, SHOWER
+ PERSONAL
ENTRANCE



PRIVATE COCOON. I

PERSONAL RETREAT

RESEARCH.

BY DESIGN

RESEARCH.

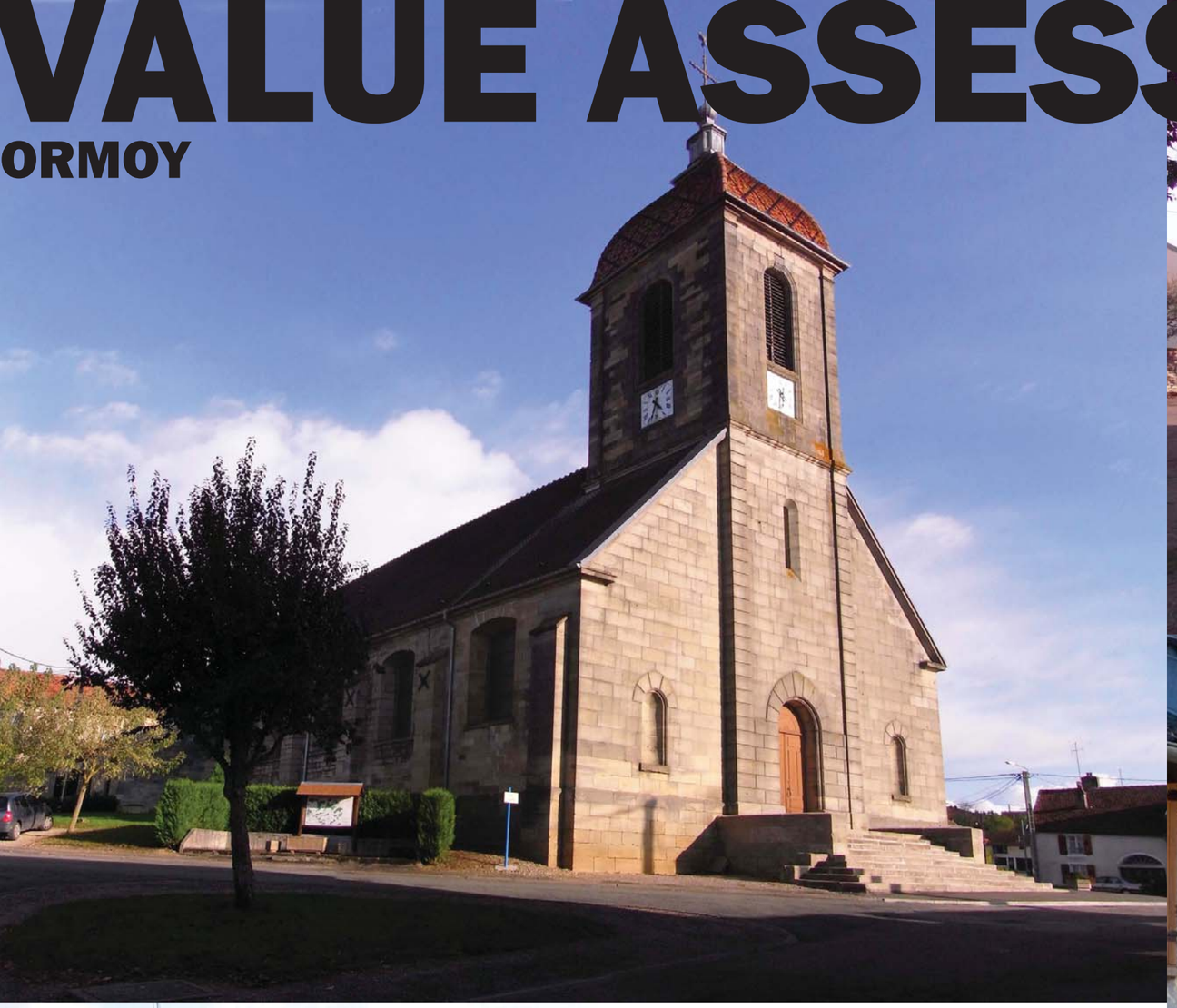
BY DESIGN

VALUE ASSESSMENT.

ORMOY AND SURROUNDINGS

VALUE ASSESSMENT.

ORMOY



VALUE ASSESSMENT.

PLOT

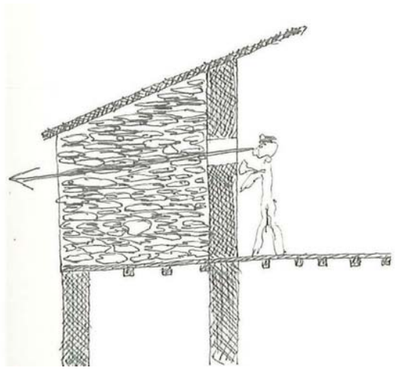
VALUE ASSESSMENT.

BUILDING

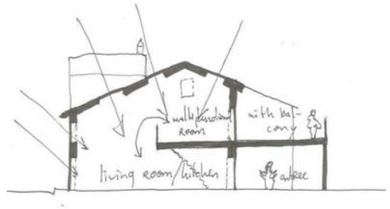
VALUE ASSESMENT.

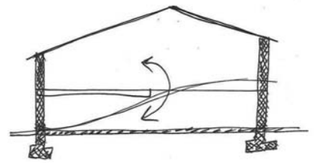
STARTING POINTS FROM EXISTING PLOT

Framed view



Light and air

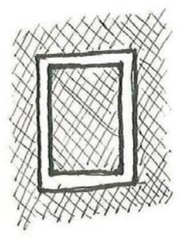




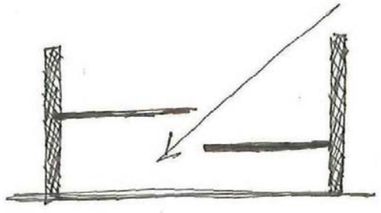
Keep the building impressive

Guarantee locality of the building

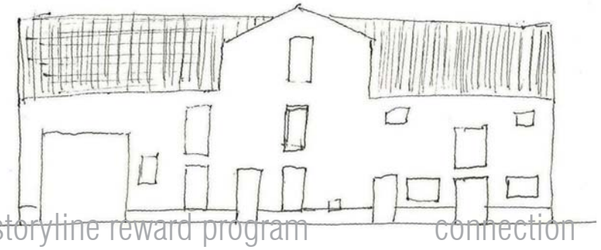
Frames



Split level



Functionality

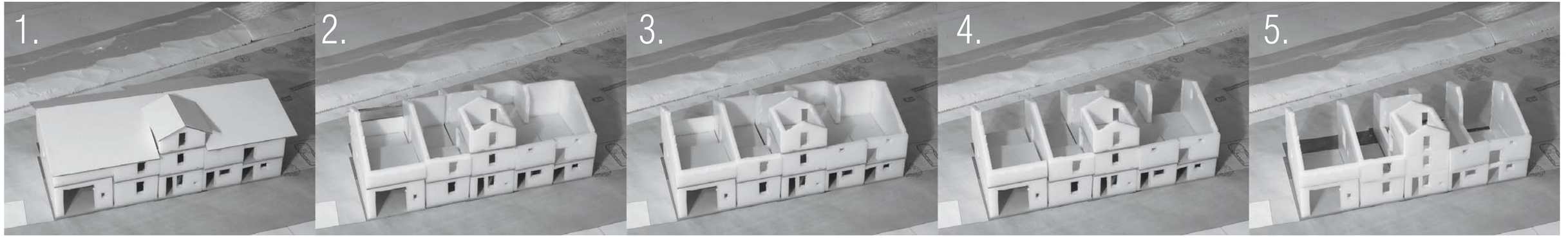


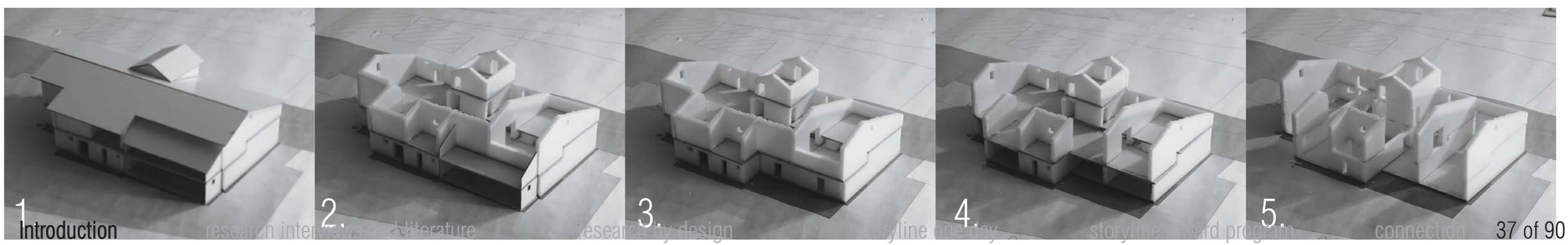
VALUE ASSESMENT.

TO PRESERVE

What to preserve

1. The front facade needs to be in place to keep locality
2. Roof needs to be replaced. Opportunity: to let more light enter the building.
3. Remove extension at the back
4. Backfacade may be removed, if necessary for program
5. The floors may be removed to make more free height





VALUE ASSESSMENT.

MATERIALS

STONE: PIERRE APPARENTES

VALUE ASSESSMENT.

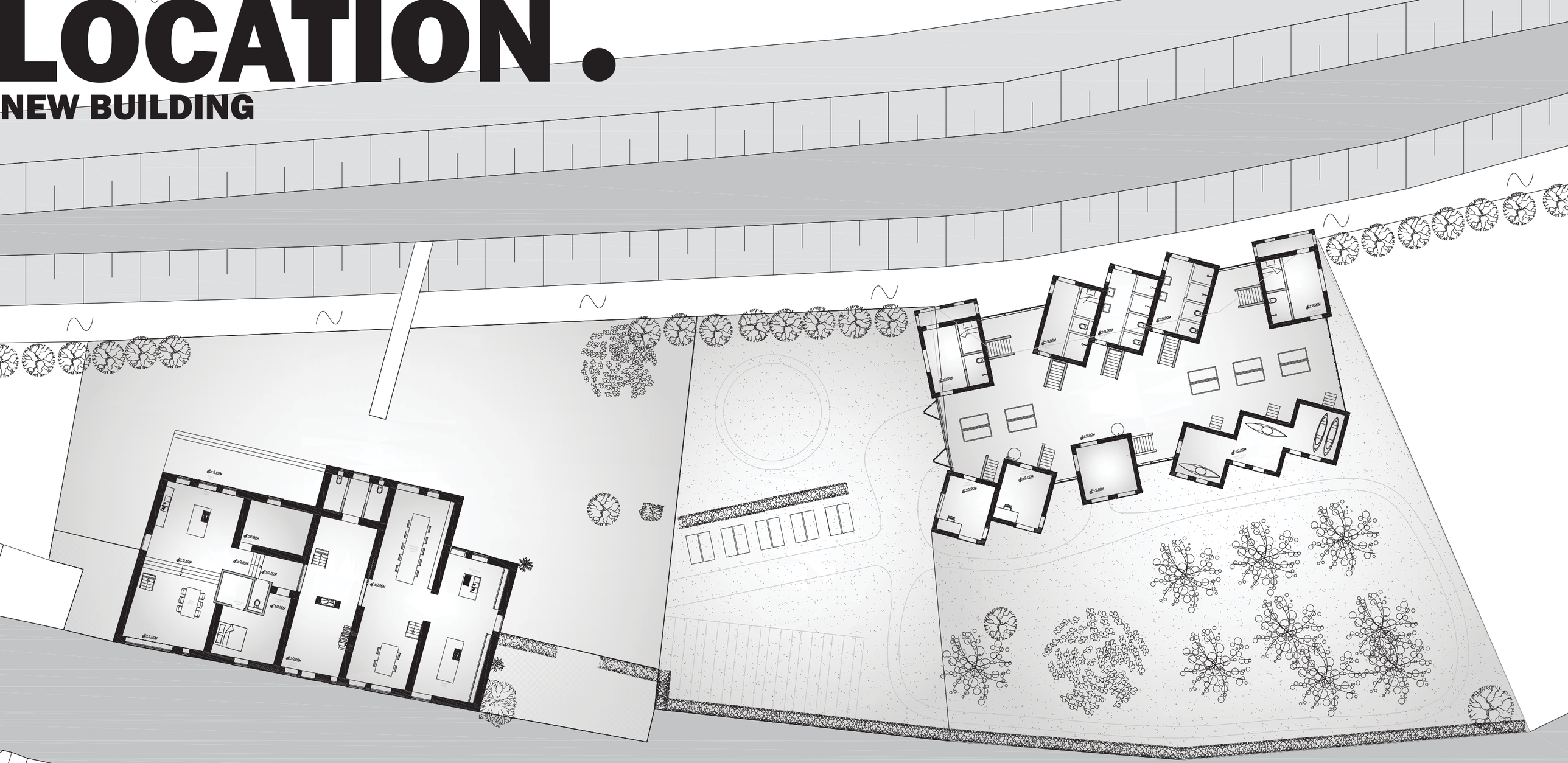
MATERIALS
WOODEN BEAMS

VALUE ASSESSMENT.

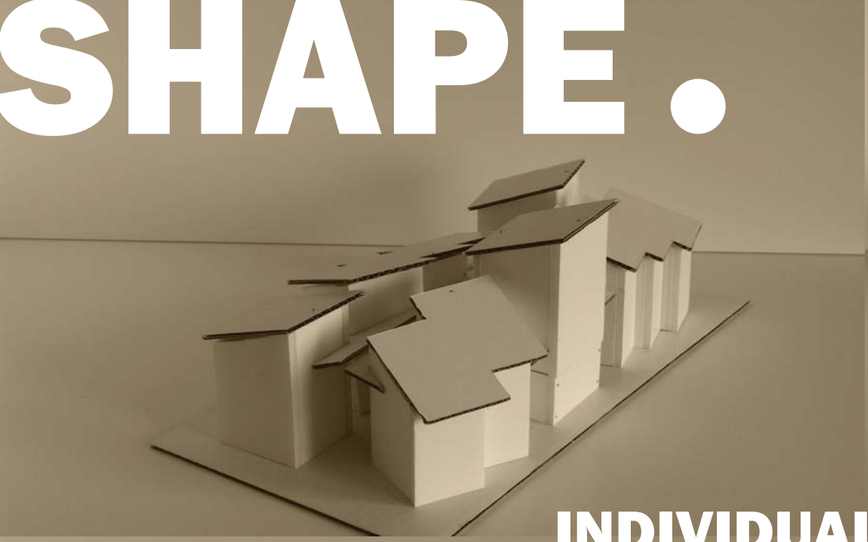
MATERIALS
ROOFTILES

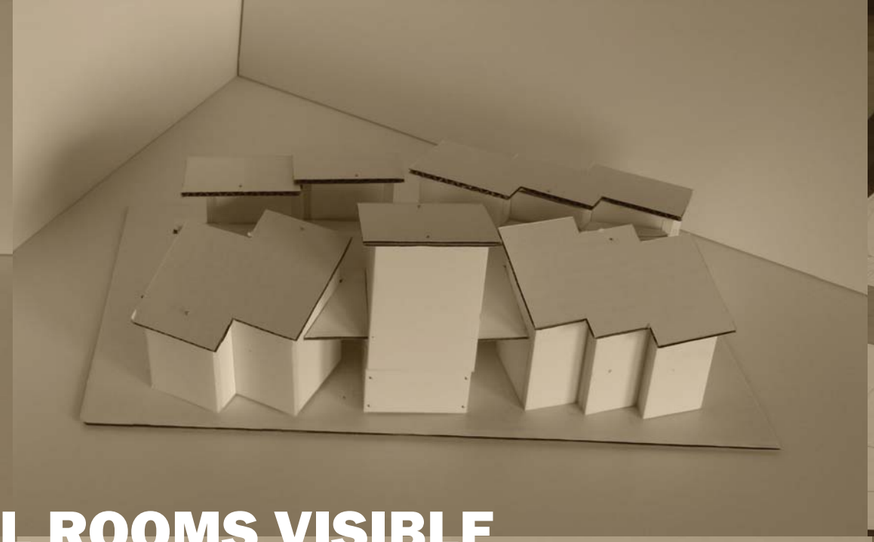
LOCATION.

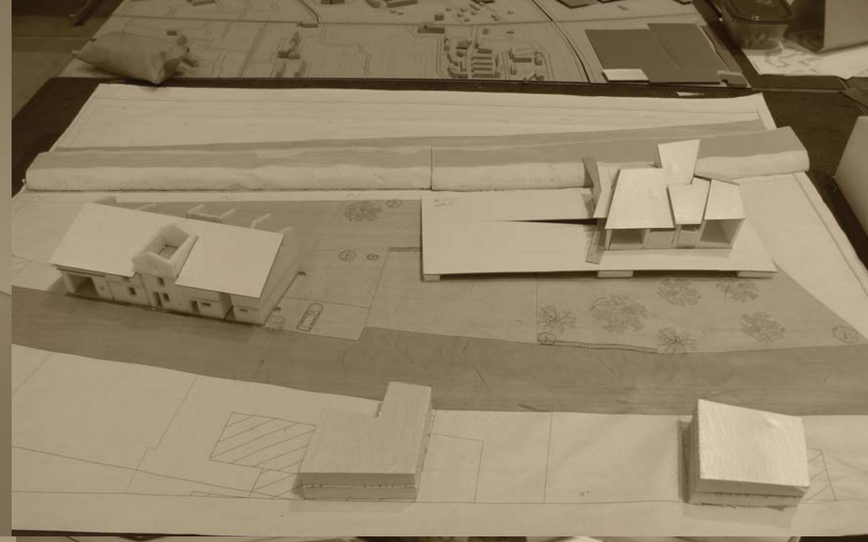
NEW BUILDING



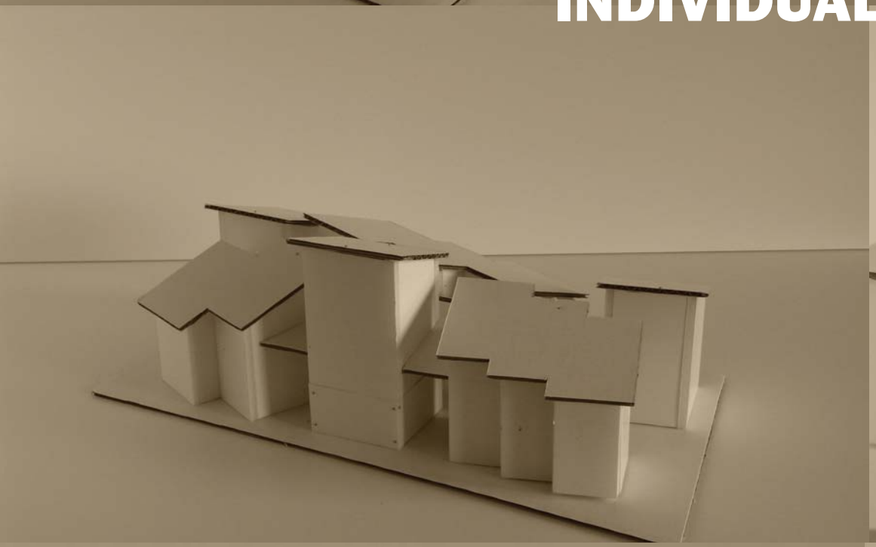
SHAPE.

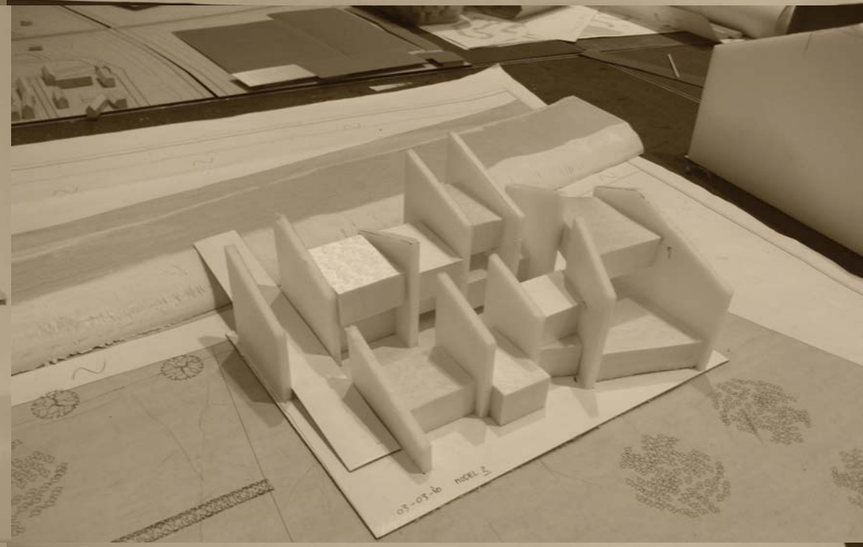






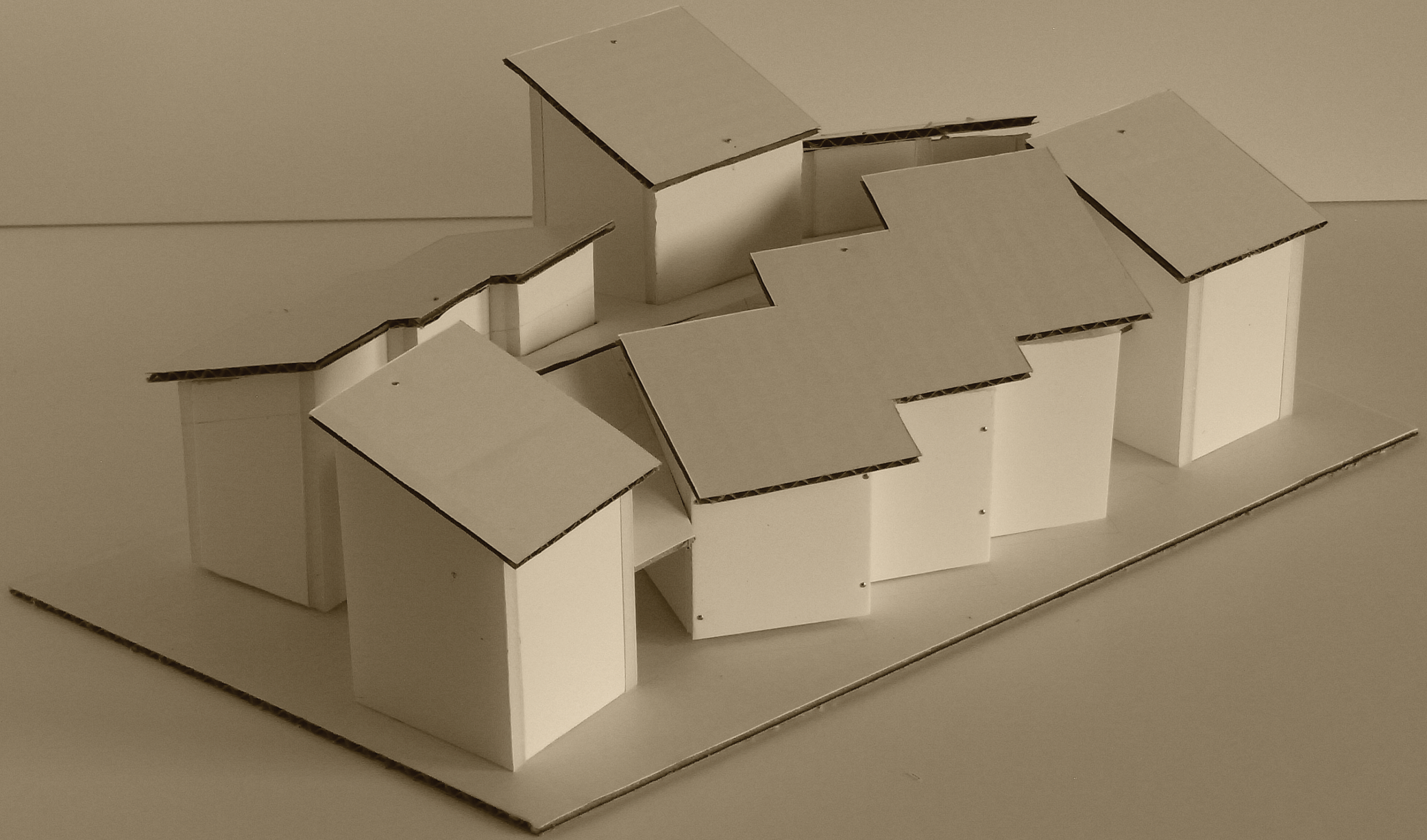
INDIVIDUAL ROOMS VISIBLE





POSITIONING ROOMS .

IN REFERENCE TO EACH OTHER

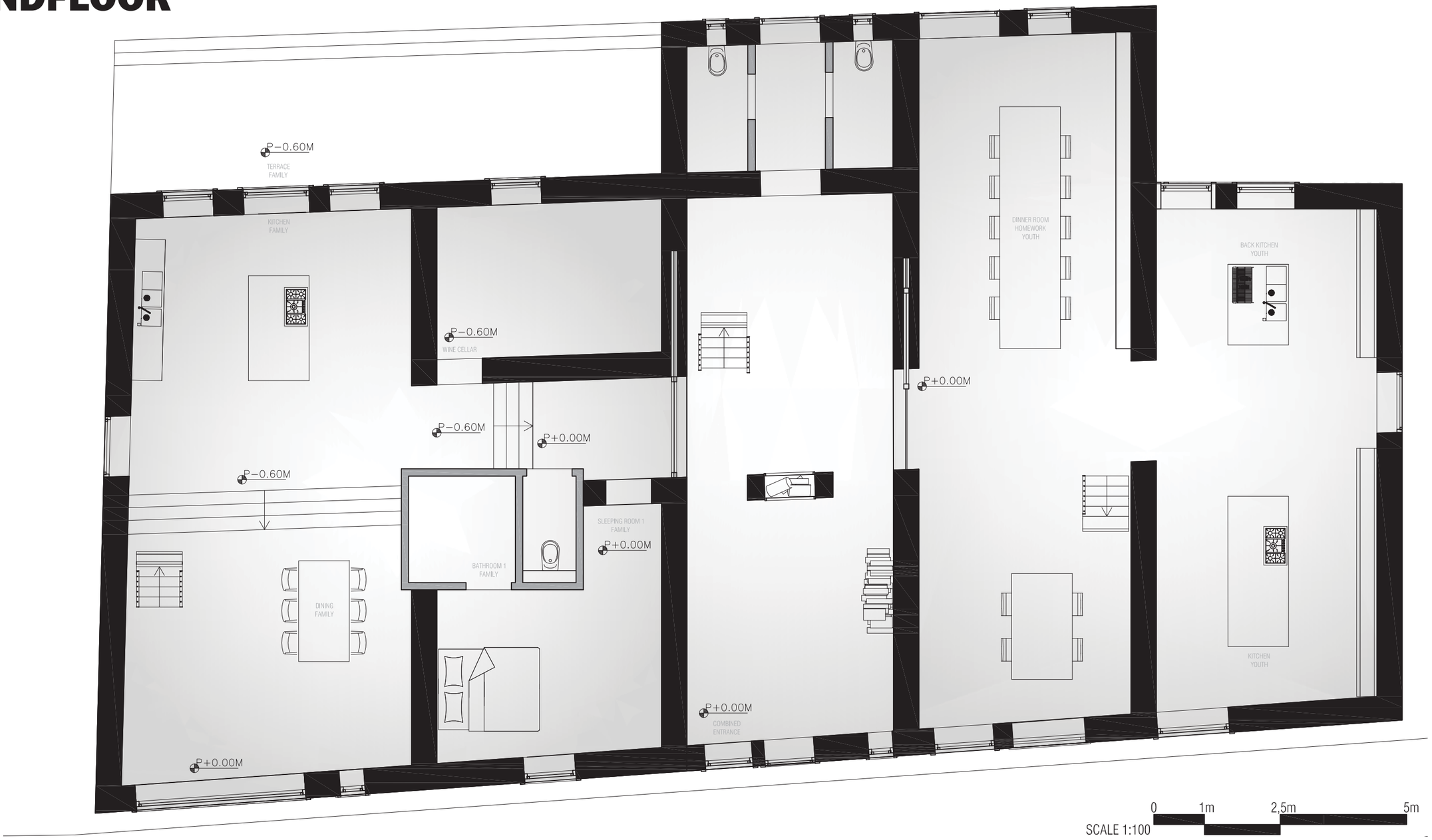


STORYLINE.

TREATMENT

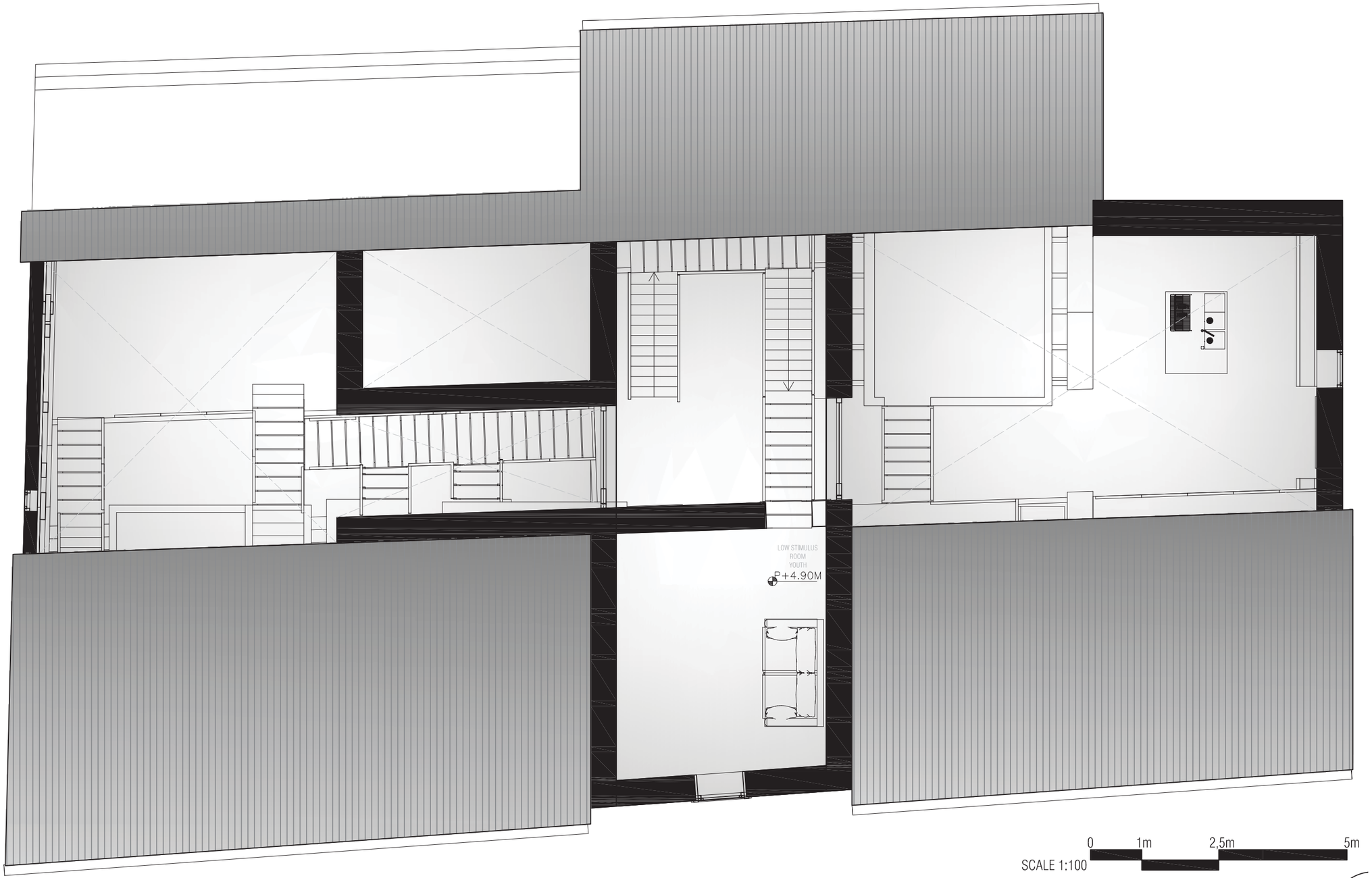
LAYOUT.

GROUNDFLOOR



LAYOUT.

FIRST FLOOR


LOW STIMULUS
ROOM
YOUTH
P+4.90M
0
1m
2,5m
5m
SCALE 1:100

ARRIVAL.

ENTRANCE.

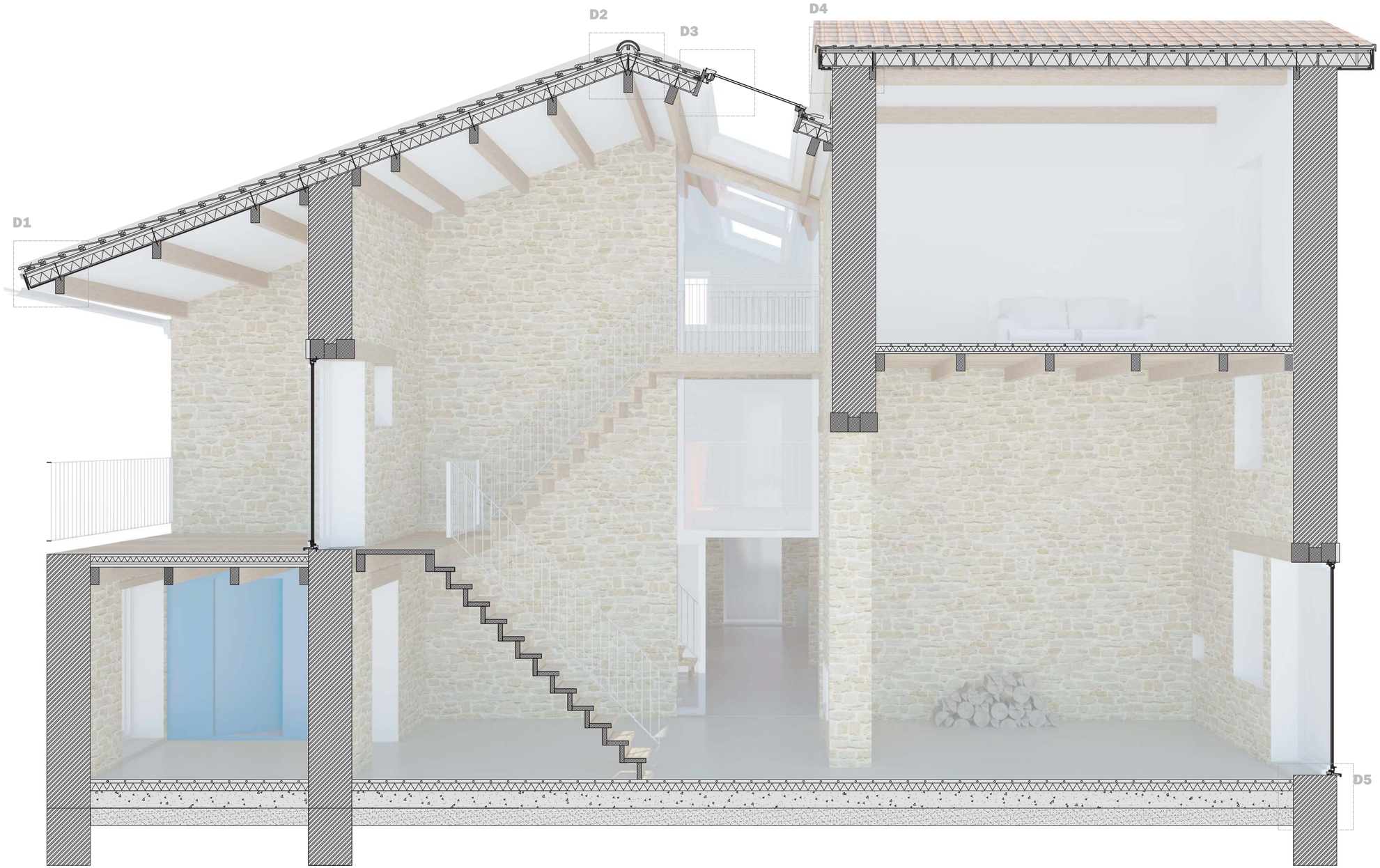
OVERVIEW.

RELAXING.

COOKING .

LARGE TABLE.

SECTION .



STORYLINE.
REWARD PROGRAM

LAYOUT.

GROUNDFLOOR

LAYOUT.

FIRST FLOOR

LAYOUT.

SECOND FLOOR

STORYLINE:
REWARD PROGRAM

STORYLINE!

REWARD PROGRAM

STORYLIN

REWARD PROGRAM

TREATMENT.

ACTIVE ARCHITECTURE
FIRST ROOM

- BED, DESK, CLOSET

- BED, DESK, CLOSET
+ SINK

- BED, DESK, CLOSET,
SINK
+ SHOWER

- BED, DESK, CLOSET,
SINK, SHOWER
+ PERSONAL
ENTRANCE

3 ROOMS
FIRST STAGE
WEEK 1-3

2 ROOMS
SECOND STAGE
WEEK 4-6

3 ROOMS
THIRD STAGE
WEEK 7-9

2 ROOMS
FOURTH STAGE
WEEK 10-12

TREATMENT.

ACTIVE ARCHITECTURE
FIRST ROOM

FLOOR AREA:
BOX: 8 M²
TOTAL: 14 M²

HIGH BED:
SIZE: 2M²

VIEW:
CANAL

WINDOWS IN:
AMOUNT: 1
SURFACE: 1,2 M²

WINDOWS OUT:
AMOUNT: 3
SURFACE: 4,0 M²

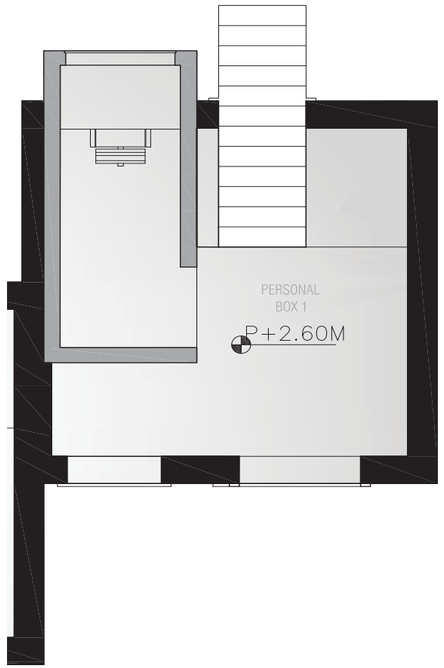
ENTRANCE:
STAIRCASE
FROM BOX

HEIGHT UNDER BOX:
2,4 M

SANITARY:
WASH BASIN
TOILET

TREATMENT.

ACTIVE ARCHITECTURE
FIRST ROOM



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CANAL

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ENTRANCE:
STAIRCASE
FROM BOX

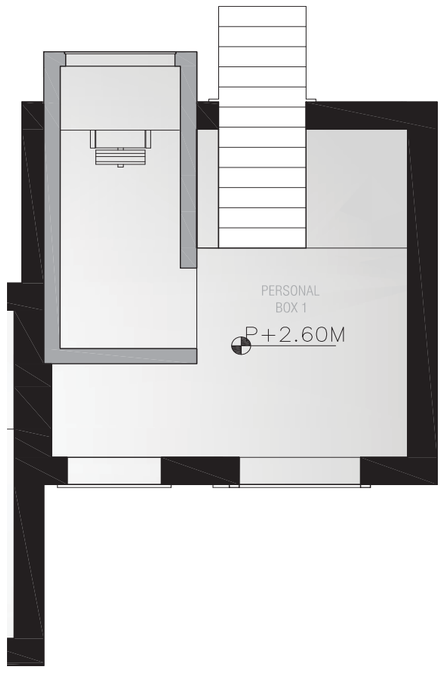
HEIGHT UNDER BOX:
2,4 M

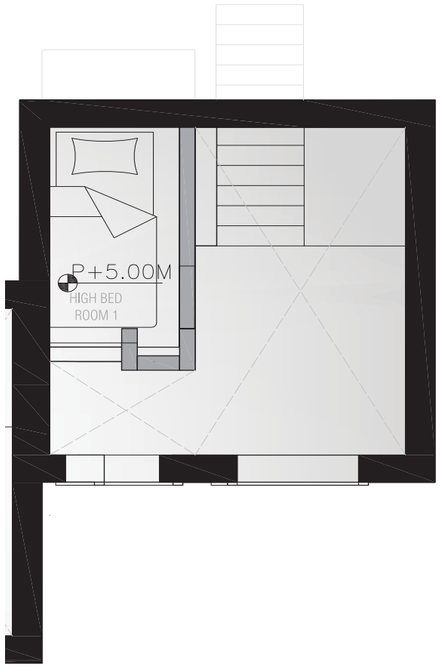
SANITARY:
WASH BASIN
TOILET

TREATMENT.

ACTIVE ARCHITECTURE

FIRST ROOM





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TOTAL: 14 M²

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SURFACE: 4,0 M²

ENTRANCE:
STAIRCASE
FROM BOX

HEIGHT UNDER BOX:
2,4 M

SANITARY:
WASH BASIN
TOILET

TREATMENT.

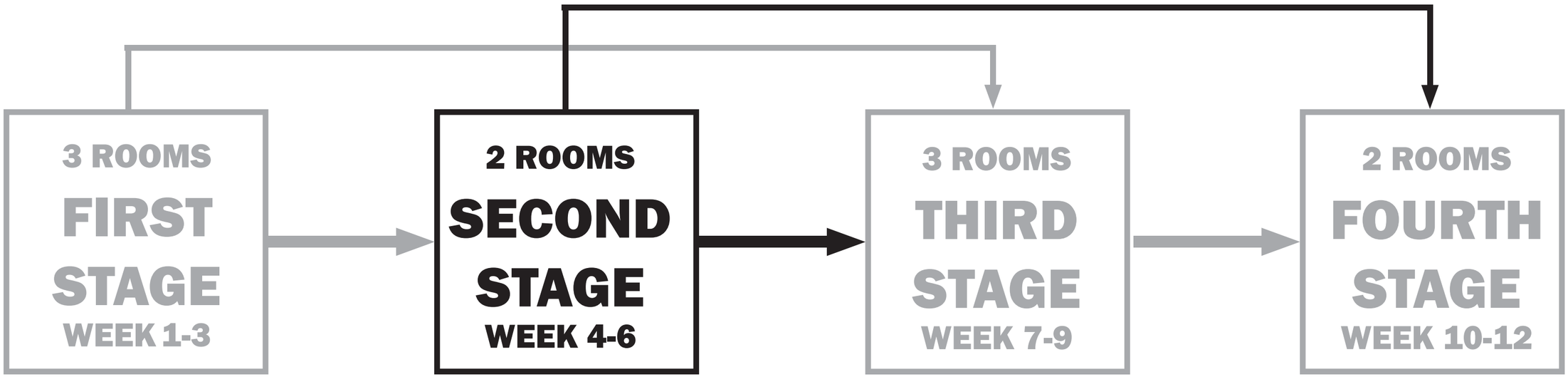
ACTIVE ARCHITECTURE
SECOND ROOM

- BED, DESK, CLOSET

- BED, DESK, CLOSET
+ SINK

- BED, DESK, CLOSET,
SINK
+ SHOWER

- BED, DESK, CLOSET,
SINK, SHOWER
+ PERSONAL
ENTRANCE



TREATMENT.

ACTIVE ARCHITECTURE
SECOND ROOM

FLOOR AREA:
BOX: 6 M²
TOTAL: 12 M²

HIGH BED:
SIZE: 3 M²

VIEW:
CANAL

WINDOWS IN:
AMOUNT: 1
SURFACE: 1,2 M²

WINDOWS OUT:
AMOUNT: 2
SURFACE: 3,0 M²

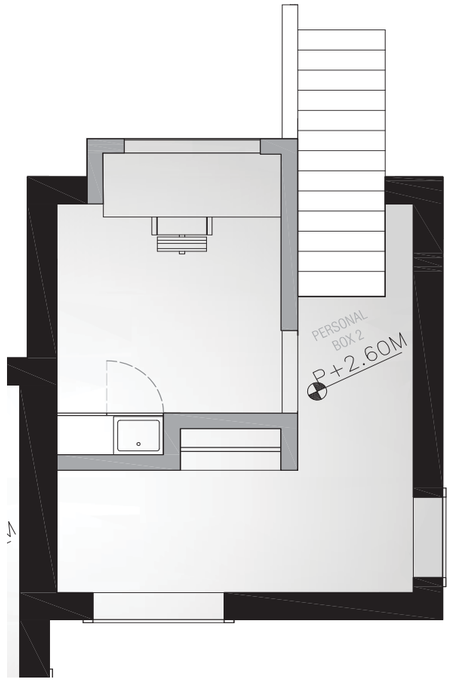
ENTRANCE:
SIMPLE STAIRCASE
BOX MERGING OUT

HEIGHT UNDER BOX:
2,2 M

SANITARY:
LOCKABLE
WASH BASIN

TREATMENT.

ACTIVE ARCHITECTURE
SECOND ROOM



FLOOR AREA:
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TOTAL: 12 M²

HIGH BED:
SIZE: 3 M²

VIEW:
CANAL

WINDOWS IN:
AMOUNT: 1
SURFACE: 1,2 M²

WINDOWS OUT:
AMOUNT: 2
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ENTRANCE:
SIMPLE STAIRCASE
BOX MERGING OUT

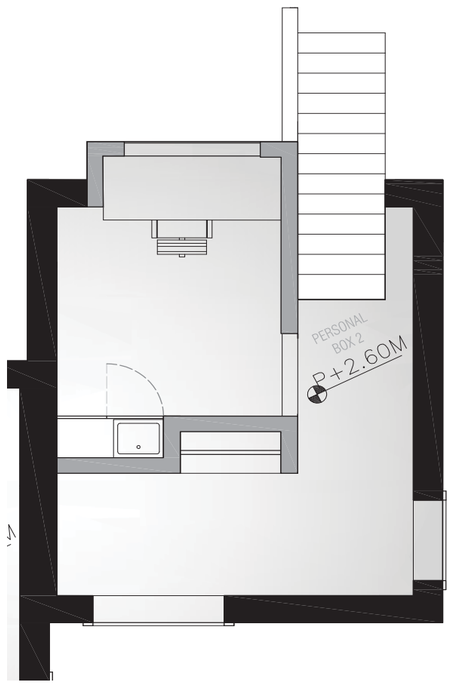
HEIGHT UNDER BOX:
2,2 M

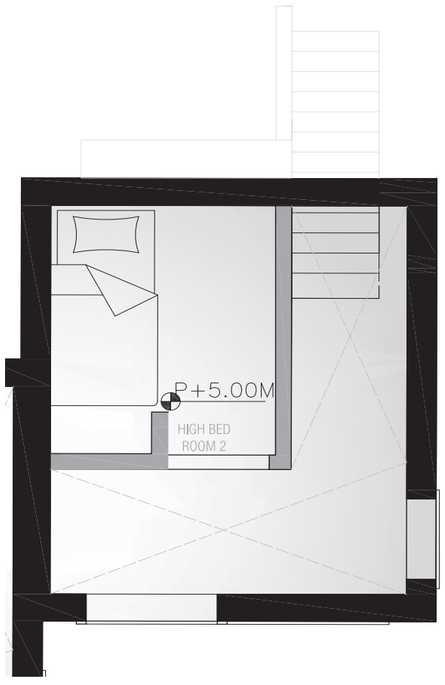
SANITARY:
LOCKABLE
WASH BASIN

TREATMENT.

ACTIVE ARCHITECTURE

SECOND ROOM





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ENTRANCE:
SIMPLE STAIRCASE
BOX MERGING OUT

HEIGHT UNDER BOX:
2,2 M

SANITARY:
LOCKABLE
WASH BASIN

TREATMENT.

ACTIVE ARCHITECTURE
THIRD ROOM

- BED, DESK, CLOSET

- BED, DESK, CLOSET
+ SINK

- BED, DESK, CLOSET,
SINK
+ SHOWER

- BED, DESK, CLOSET,
SINK, SHOWER
+ PERSONAL
ENTRANCE

3 ROOMS
FIRST STAGE
WEEK 1-3

2 ROOMS
SECOND STAGE
WEEK 4-6

3 ROOMS
THIRD STAGE
WEEK 7-9

2 ROOMS
FOURTH STAGE
WEEK 10-12

TREATMENT.

ACTIVE ARCHITECTURE

THIRD ROOM

FLOOR AREA:
BOX: 8 M²
TOTAL: 14 M²

HIGH BED:
SIZE: 4M²

VIEW:
CANAL

WINDOWS IN:
AMOUNT: 2
SURFACE: 2,4 M²

WINDOWS OUT:
AMOUNT: 3
SURFACE: 4,0 M²

ENTRANCE:
STAIRCASE
BOX MERGING OUT

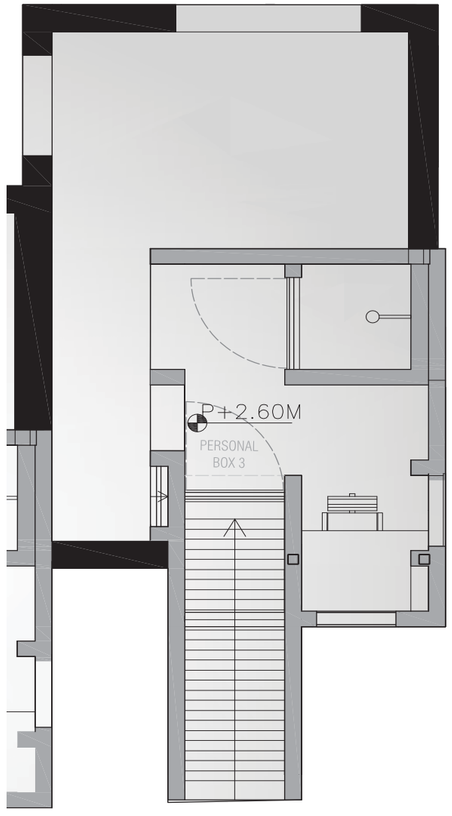
HEIGHT UNDER BOX:
2,4 M

SANITARY:
WASH BASIN
TOILET

TREATMENT.

ACTIVE ARCHITECTURE

THIRD ROOM



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VIEW:
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WINDOWS OUT:
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SURFACE: 4,0 M²

ENTRANCE:
STAIRCASE
BOX MERGING OUT

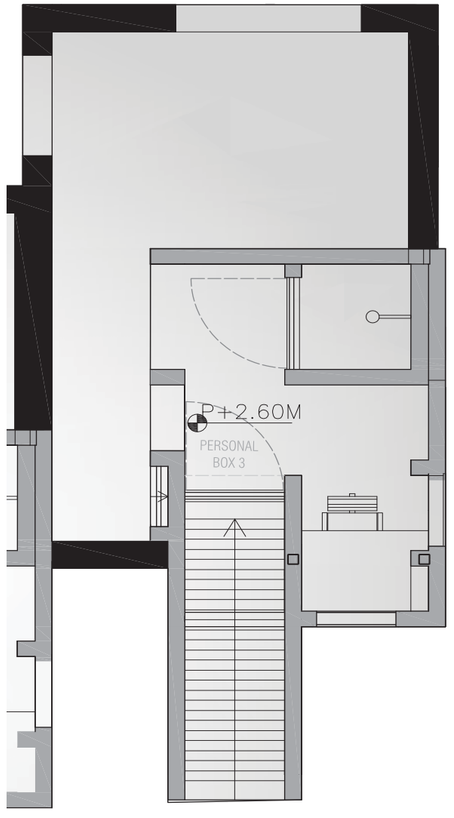
HEIGHT UNDER BOX:
2,4 M

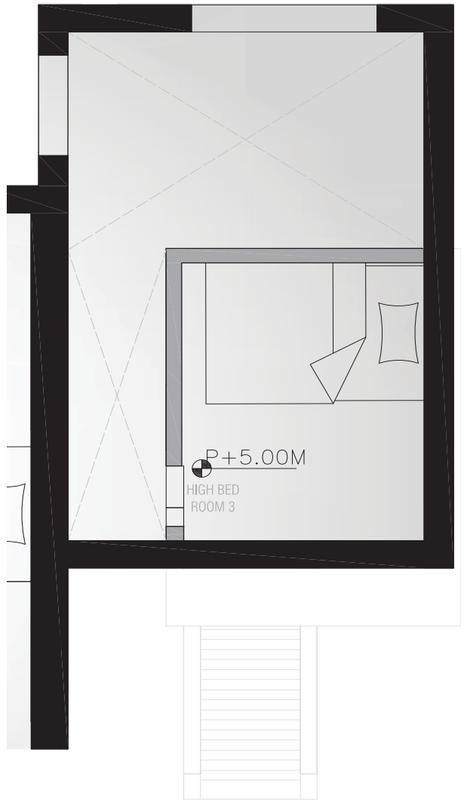
SANITARY:
WASH BASIN
TOILET

TREATMENT.

ACTIVE ARCHITECTURE

THIRD ROOM





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ENTRANCE:
STAIRCASE
BOX MERGING OUT

HEIGHT UNDER BOX:
2,4 M

SANITARY:
WASH BASIN
TOILET

TREATMENT.

ACTIVE ARCHITECTURE
LAST ROOM

- BED, DESK, CLOSET

- BED, DESK, CLOSET
+ SINK

- BED, DESK, CLOSET,
SINK
+ SHOWER

- BED, DESK, CLOSET,
SINK, SHOWER
+ PERSONAL
ENTRANCE

3 ROOMS
FIRST STAGE
WEEK 1-3

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FOURTH STAGE
WEEK 10-12

TREATMENT.

ACTIVE ARCHITECTURE

LAST ROOM

FLOOR AREA:
BOX: 12 M²
TOTAL: 19 M²

HIGH BED:
SIZE: 5 M²

VIEW:
CANAL

WINDOWS IN:
AMOUNT: 2
SURFACE: 2,4 M²

WINDOWS OUT:
AMOUNT: 5
SURFACE: 5,2 M²

ENTRANCE:
COVERED STAIRCASE
BOX MERGING OUT

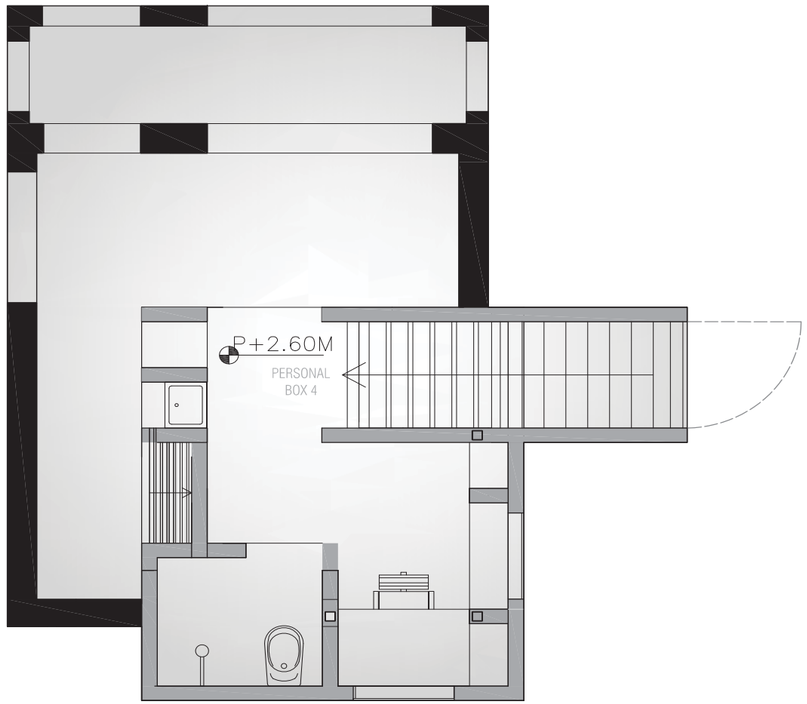
HEIGHT UNDER BOX:
2,6 M

SANITARY:
WASH BASIN
TOILET
SHOWER

TREATMENT.

ACTIVE ARCHITECTURE

LAST ROOM



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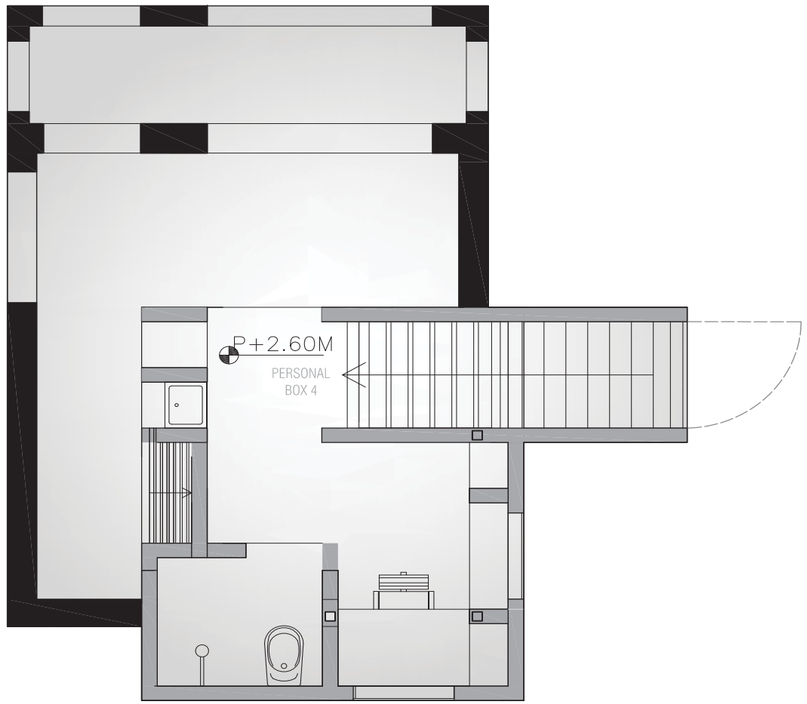

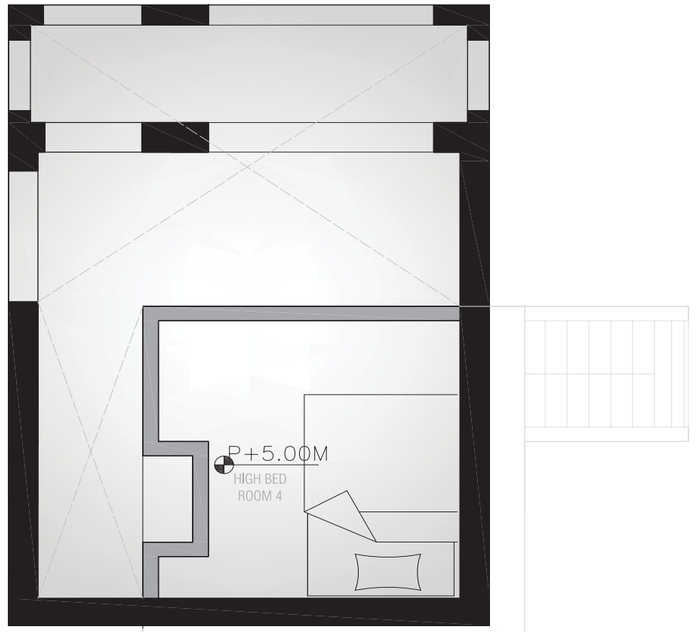

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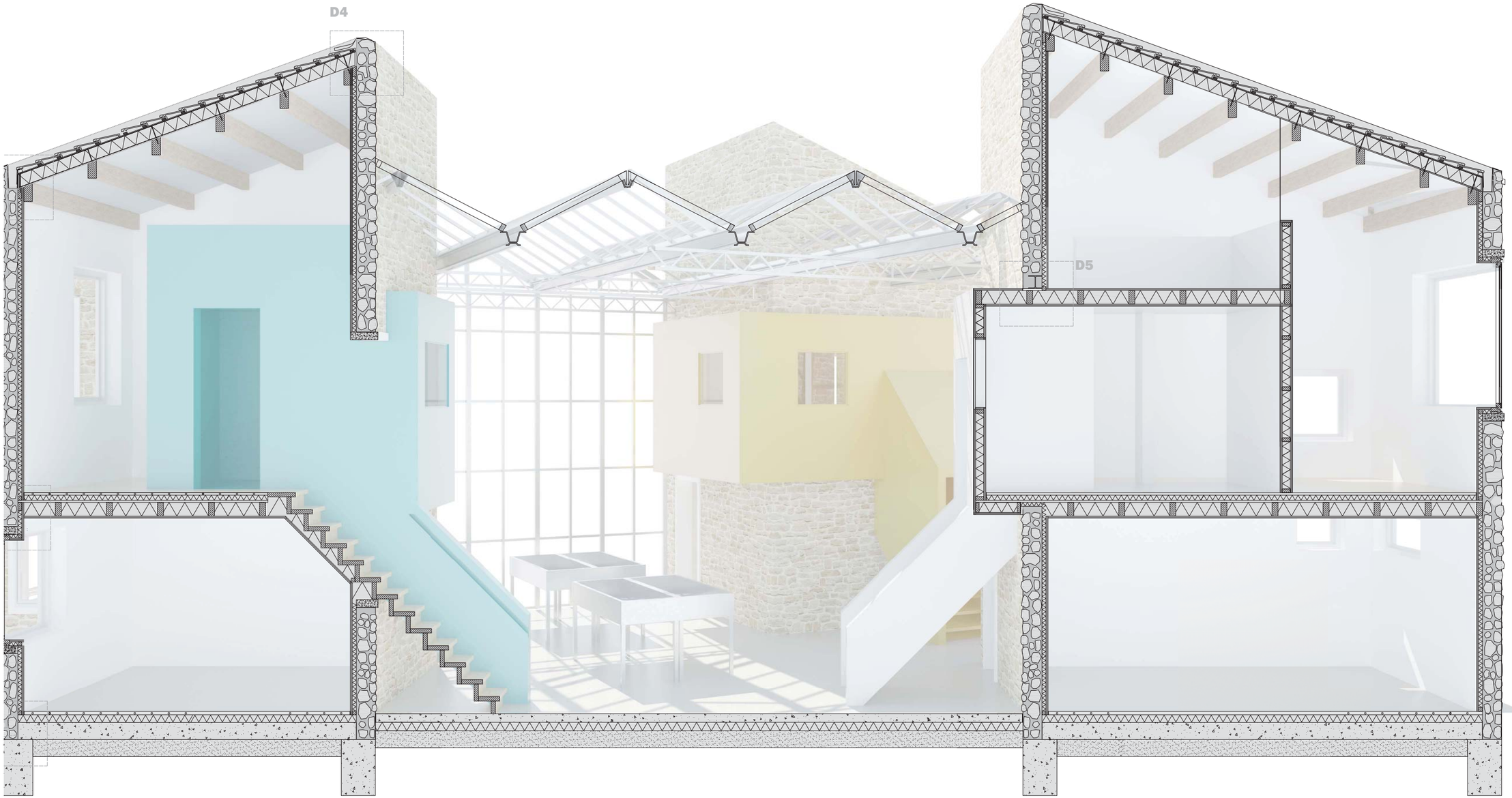
SECTION .



CONNECTION.

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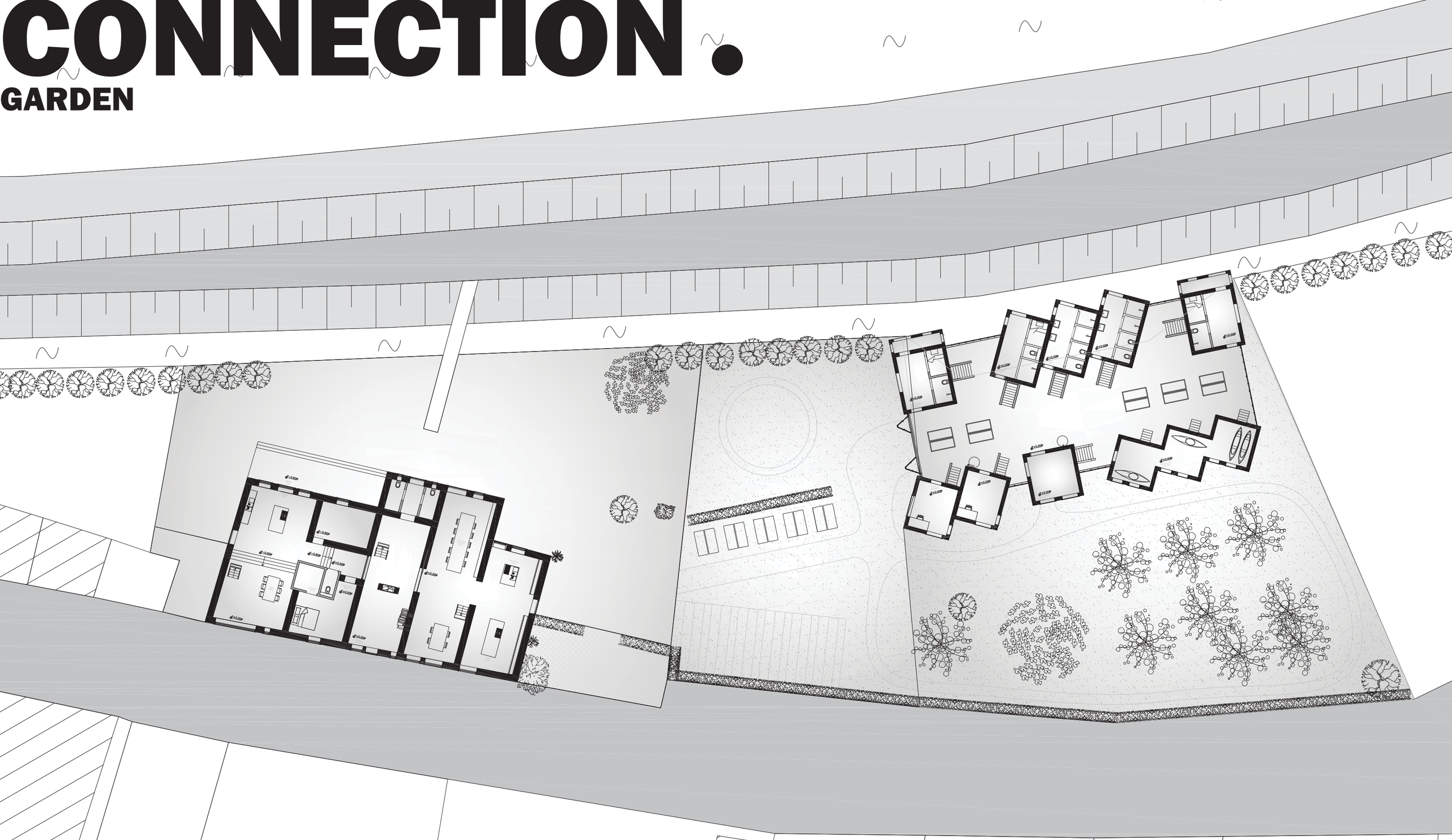
GARDEN

CONNECTION.

GARDEN



CONNECTION .

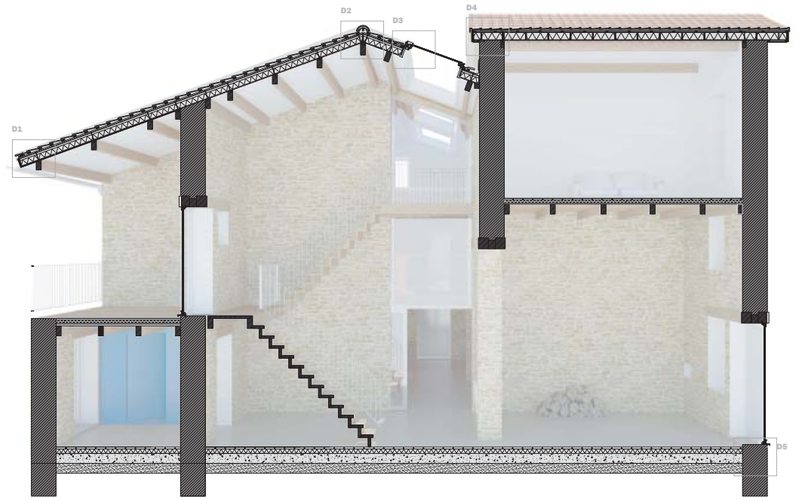
SKYLIGHT

SLEEPING BUILDING .

SECTION 1:20

TREATMENT BUILDING .

SECTION 1:20



CONNECTION

BOXES

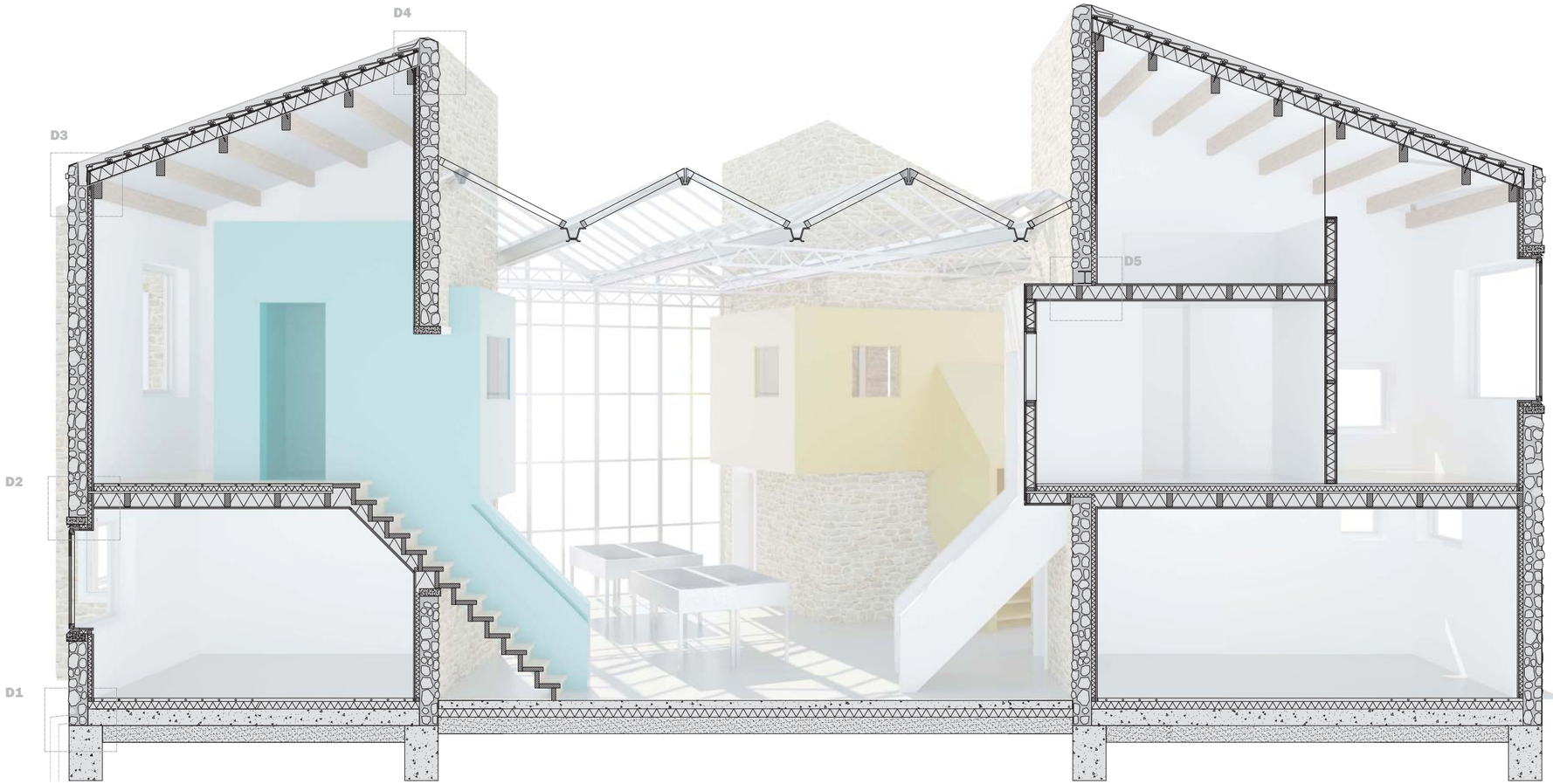
CONNECTION .

MATERIALISATION

DESIGNING FOR MALADJUSTED YOUTH.

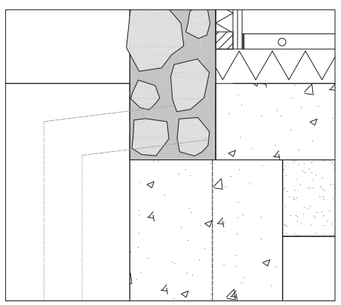
USING A REWARD PROGRAM.

SECTION .

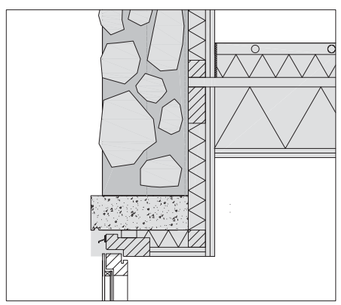


DETAILS 1:5

D1



D2



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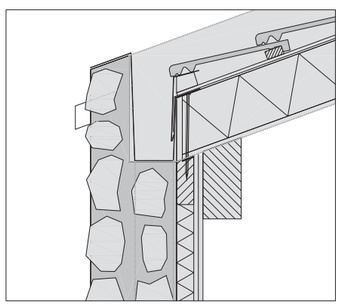

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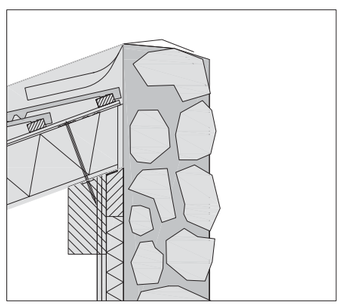

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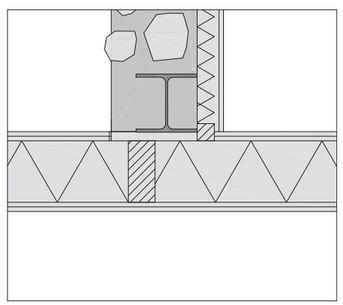
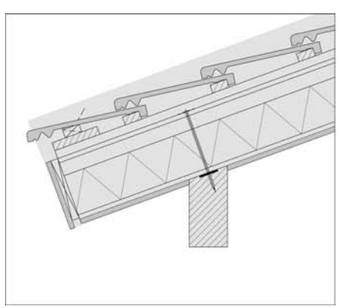


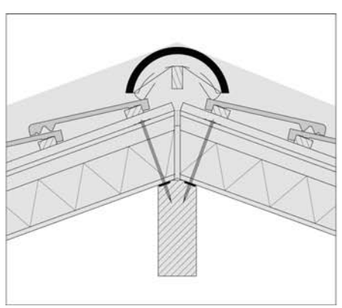
SECTION .

DETAILS 1:5

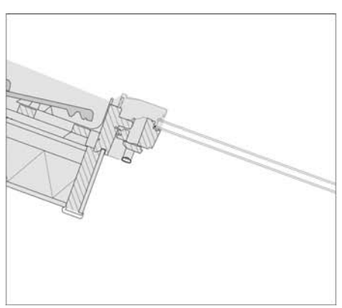
D1



D2



D3



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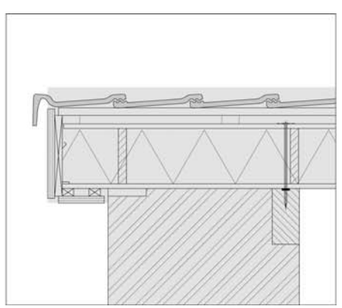
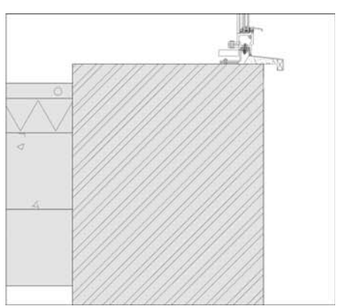
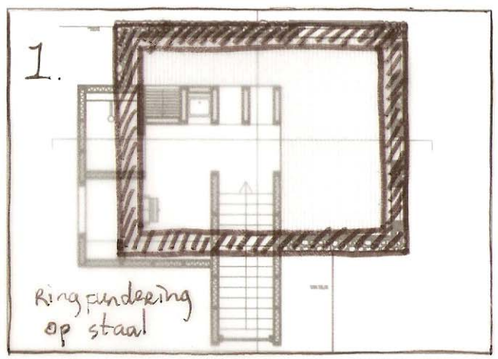
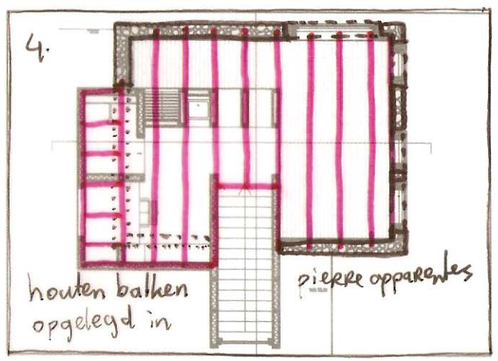
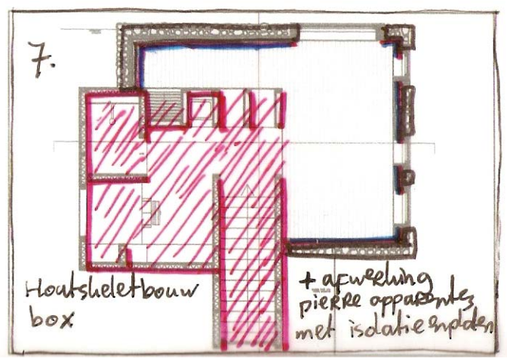
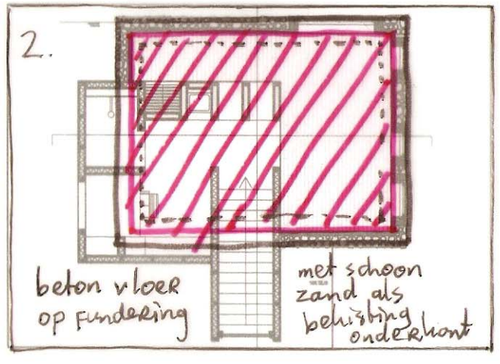
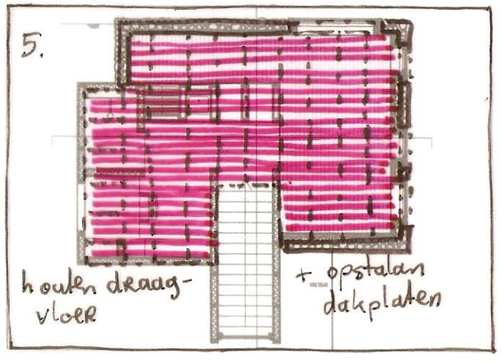
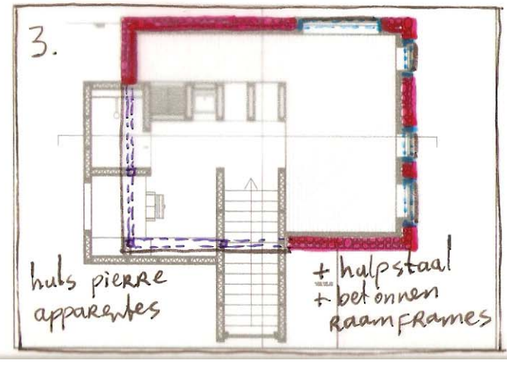
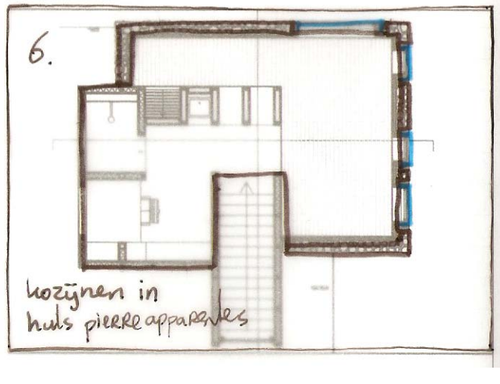


D5



BUILDING ORDER .