



re-coding the code's urban kampung

undergraduate design thesis of
satria agung permana

supervised by
dr.-ing. ilya f. maharika, m.a, iai.



drawing report

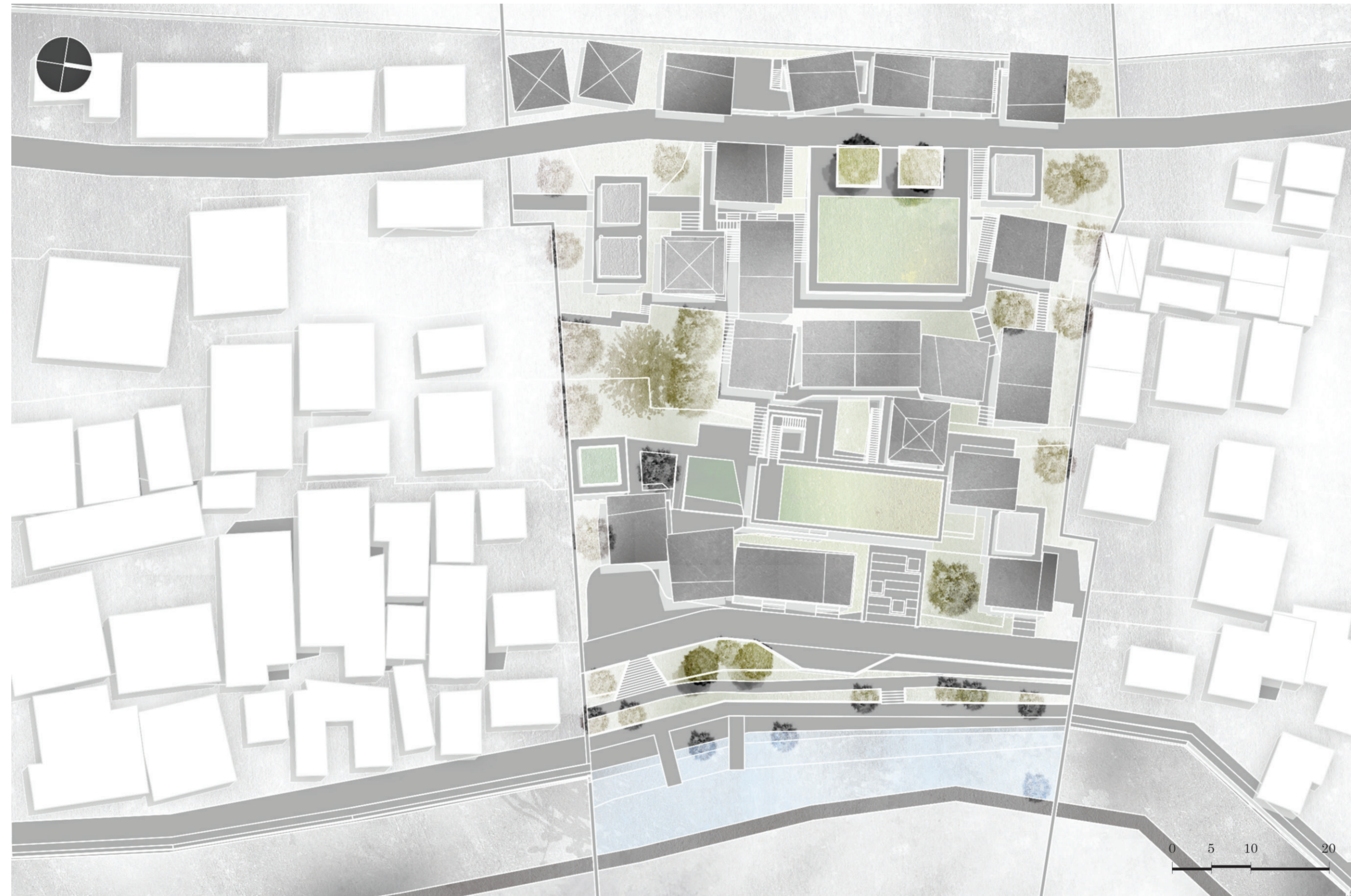
reimagines code's urban kampung

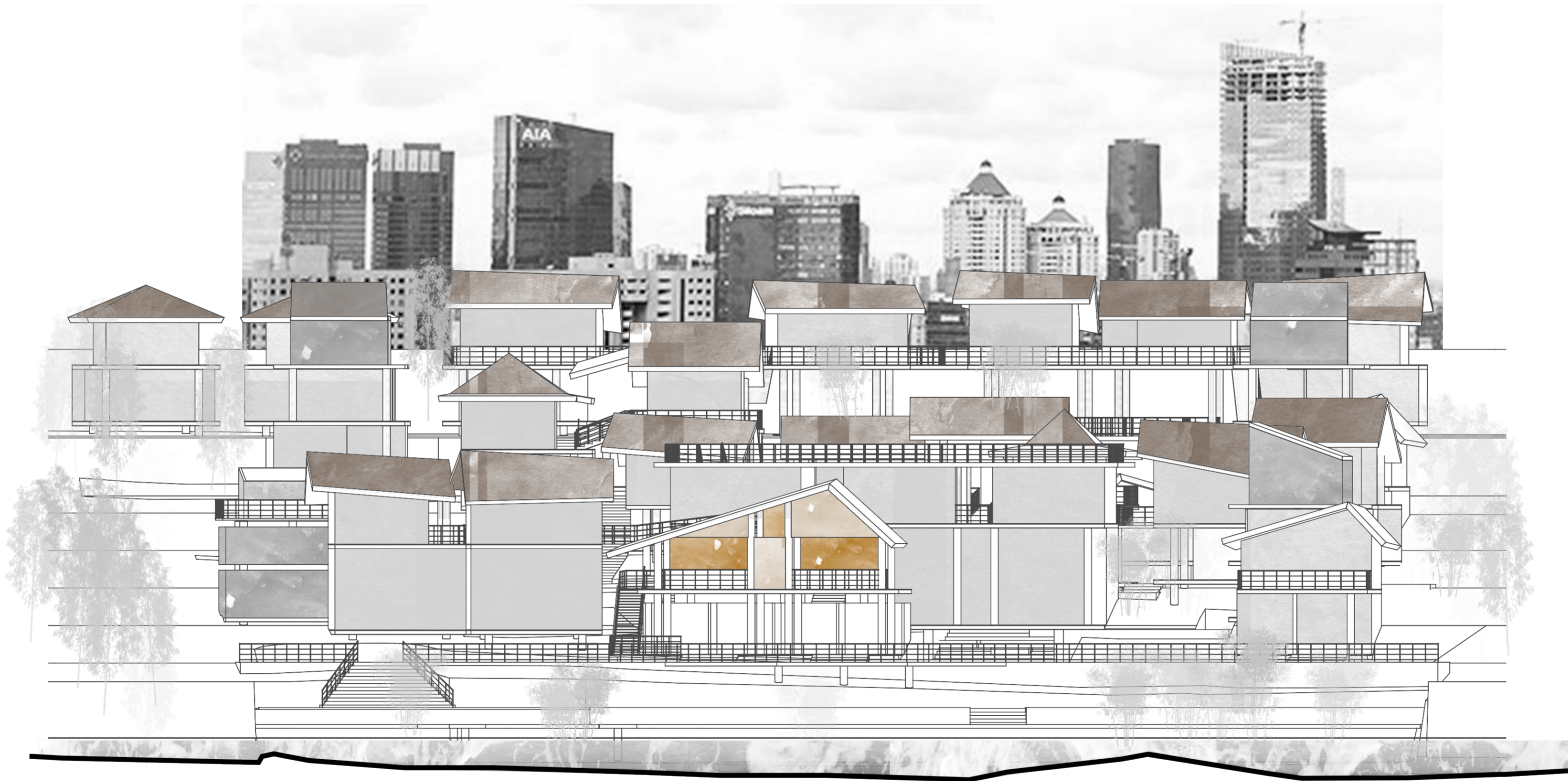
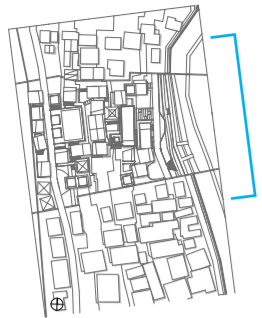
project : jogoyudan.11

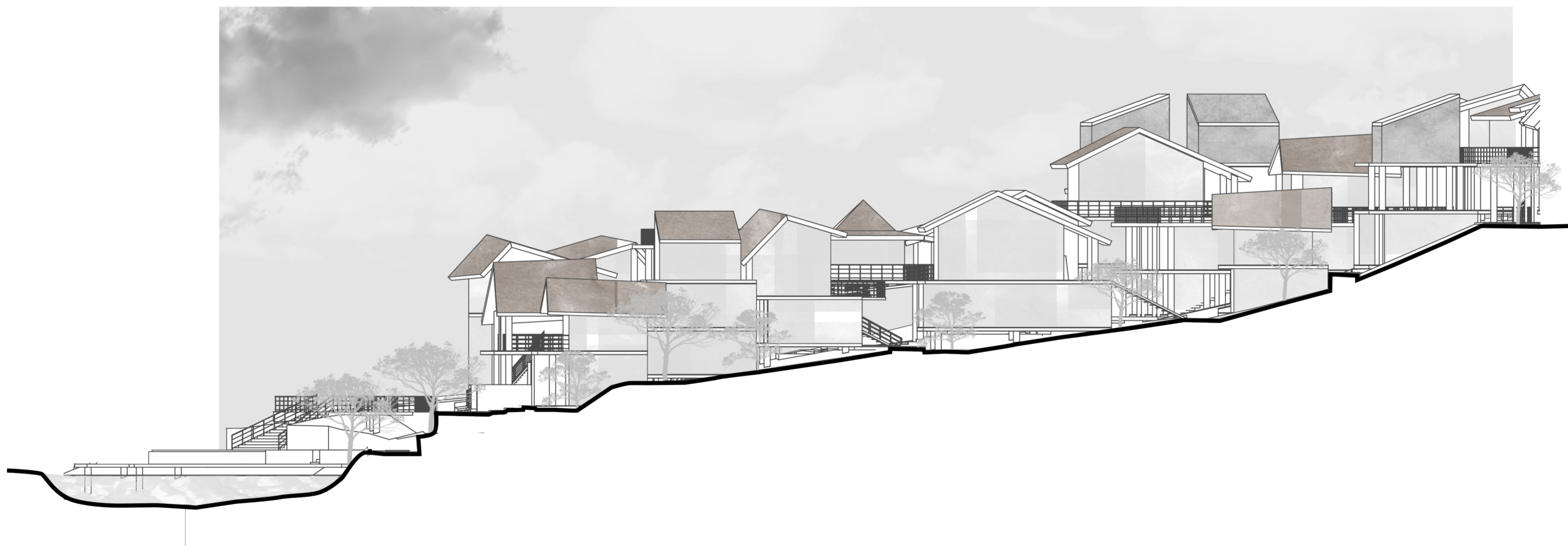
undergraduate design thesis | universitas islam indonesia

by
Satria Agung Permana
14512200

supervised by
Dr.-Ing. Ilya F. Maharika, MA., IAI
Syarifah Ismailiyah Alathas, ST., MT., IAI

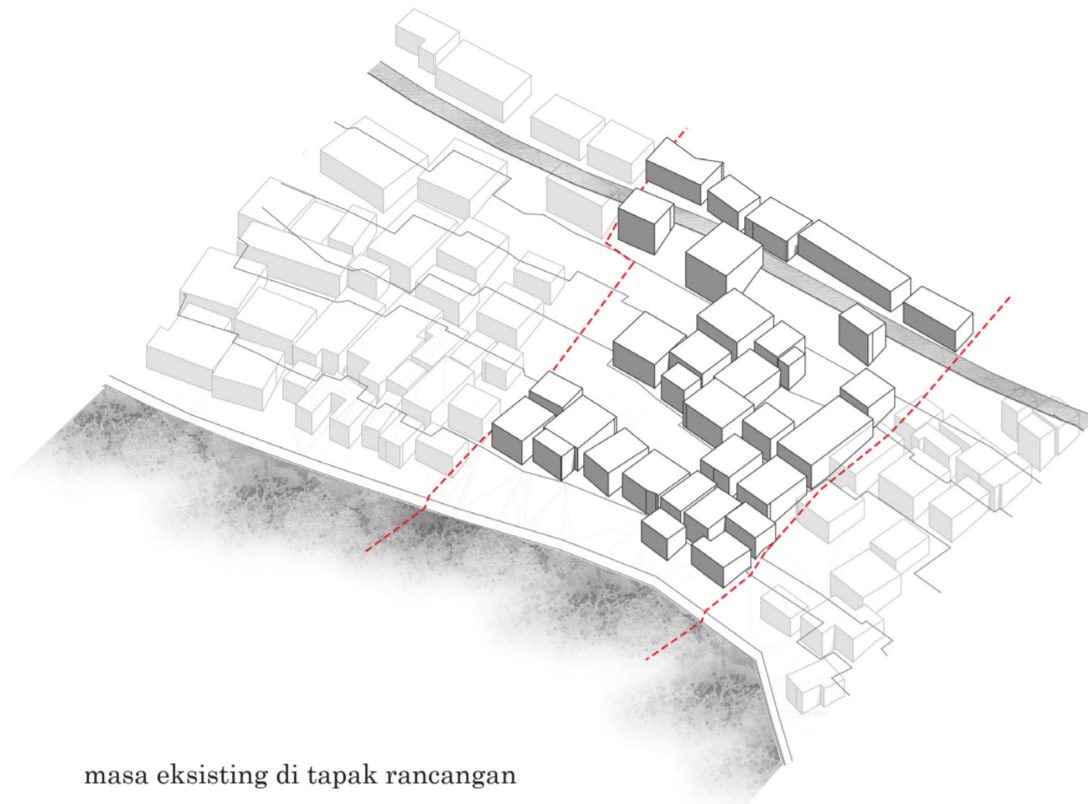






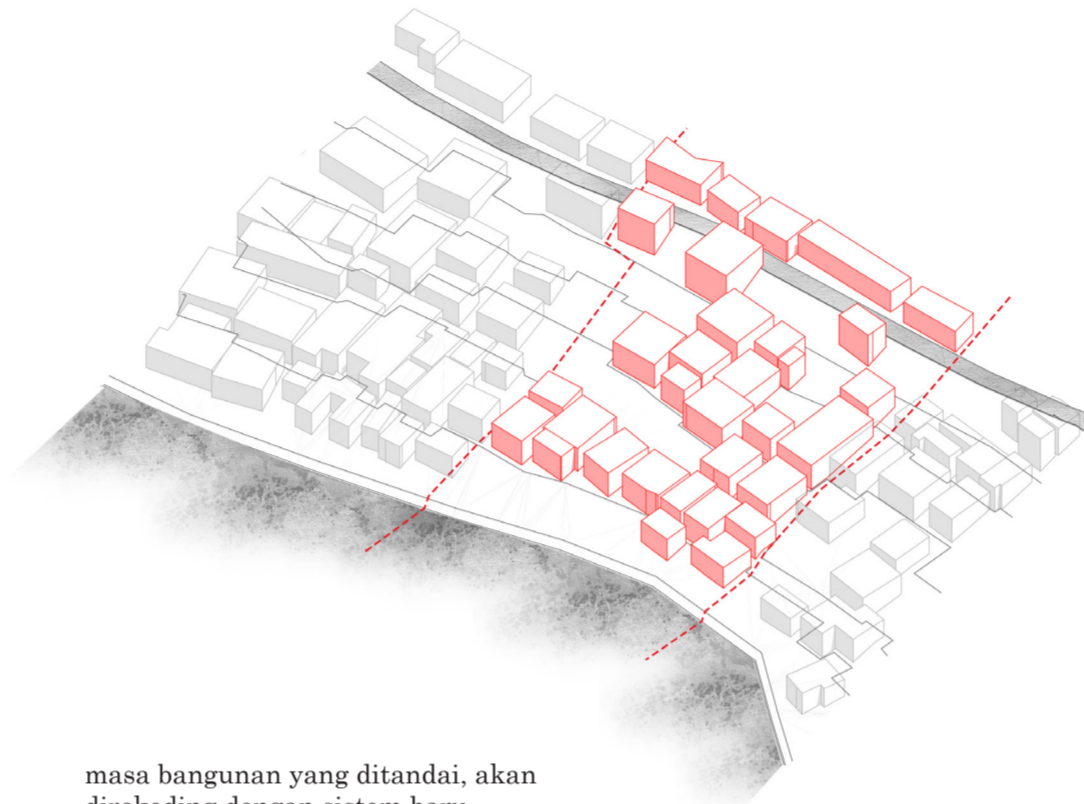


01



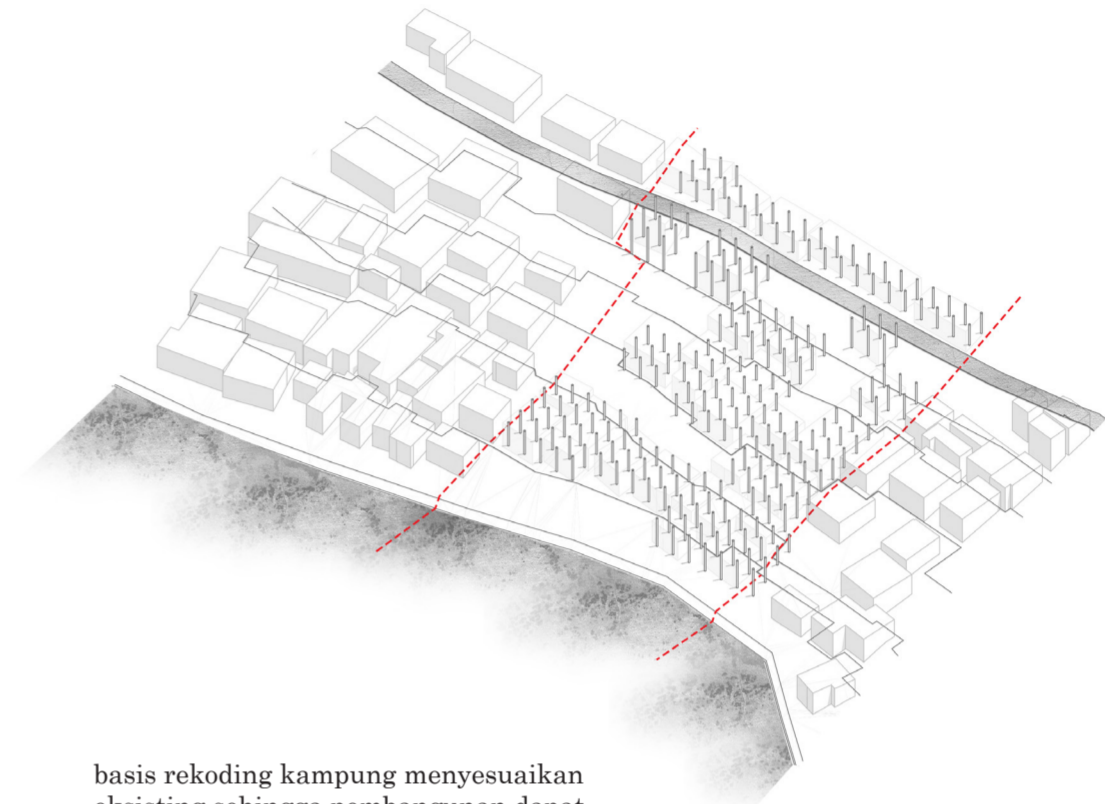
masa eksisting di tapak rancangan

02



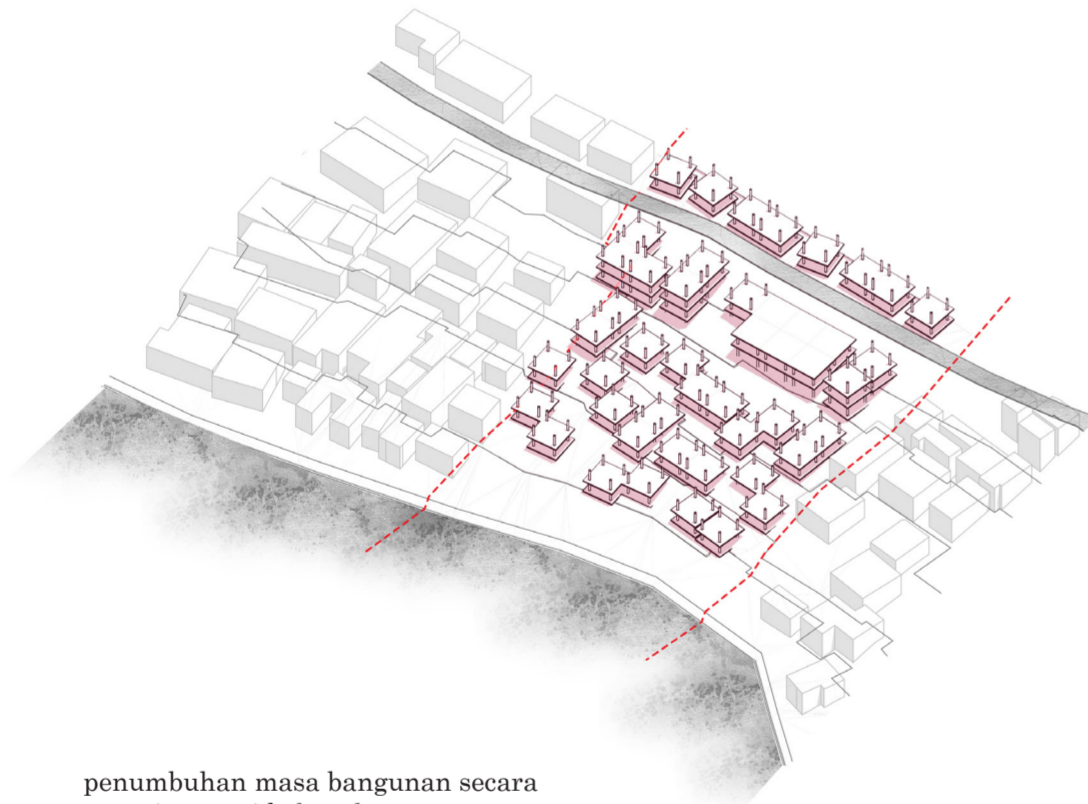
masa bangunan yang ditandai, akan direkoding dengan sistem baru

03



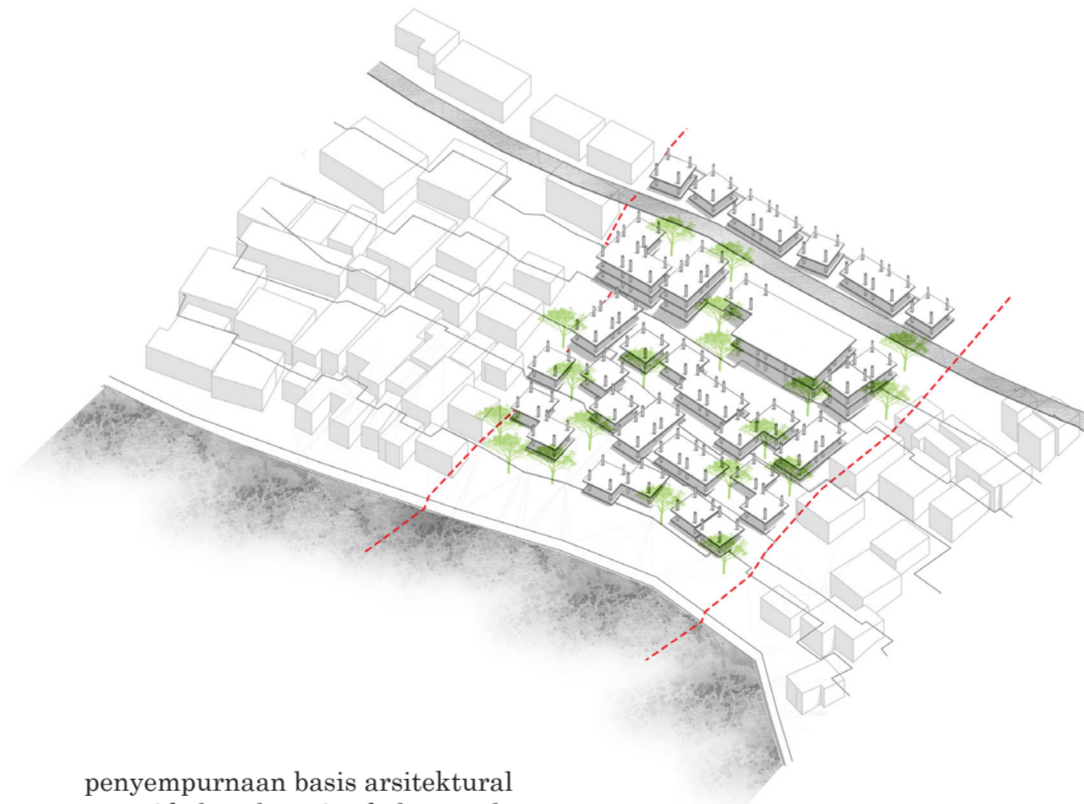
basis rekoding kampung menyesuaikan eksisting sehingga pembangunan dapat berjalan secara inkremental

04



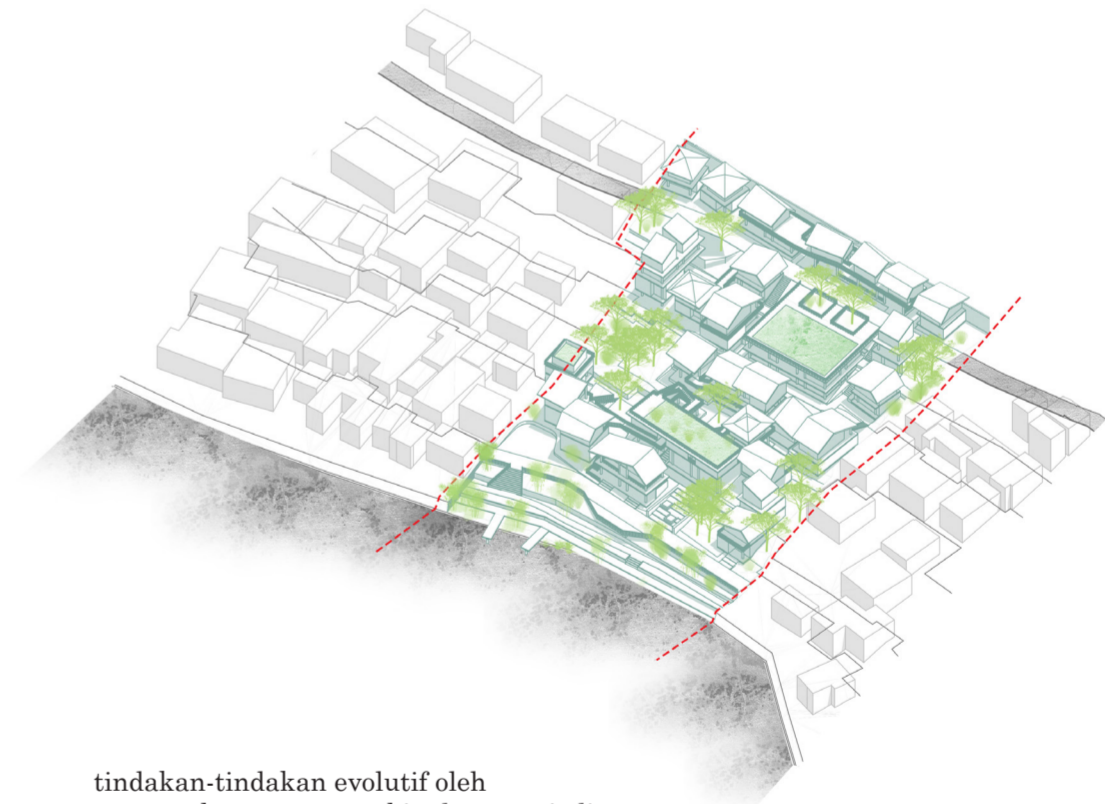
penumbuhan masa bangunan secara organis sesuai kebutuhan yang sebelumnya ada dengan penambahan beberapa fasilitas

05

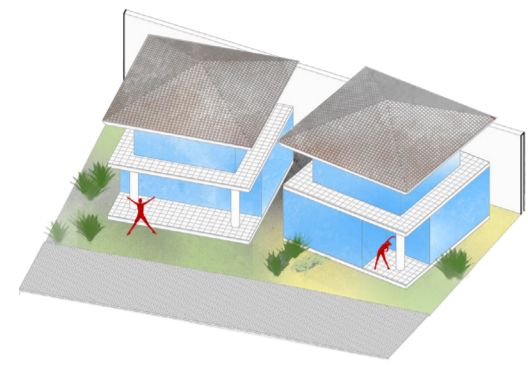


penyempurnaan basis arsitektural sesuai kebutuhan tiap keluarga dan tapak yang ada, serta menumbuhkan pohon

06

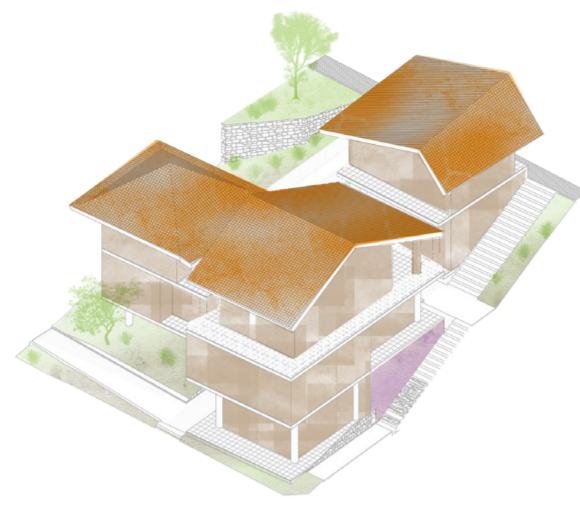


tindakan-tindakan evolutif oleh masyarakat yang mungkin dapat terjadi bersamaan dengan penataan ekologi sungai secara inkremental



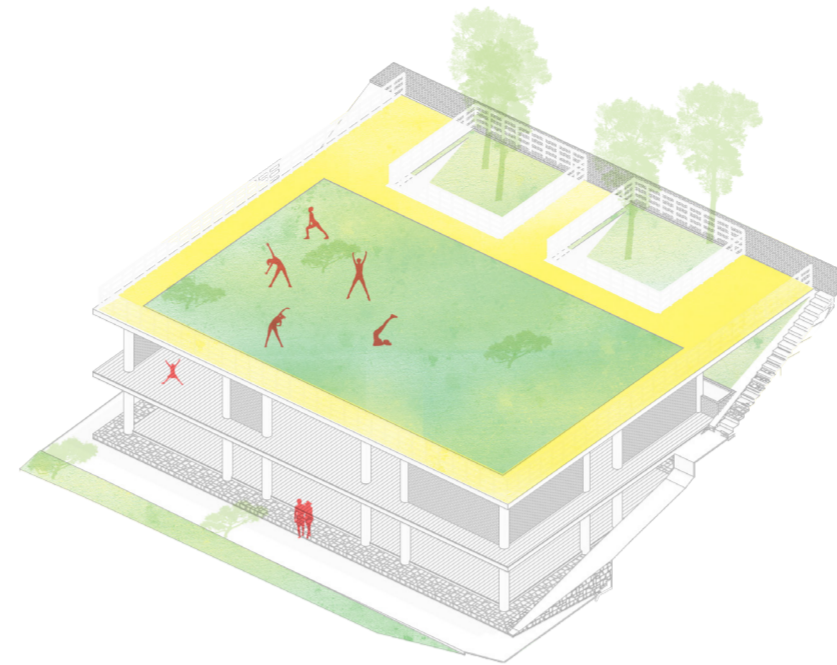
twin house

population capacity : 4 family
codes: A-1; B-22,23; C-1,4,5,17,18.



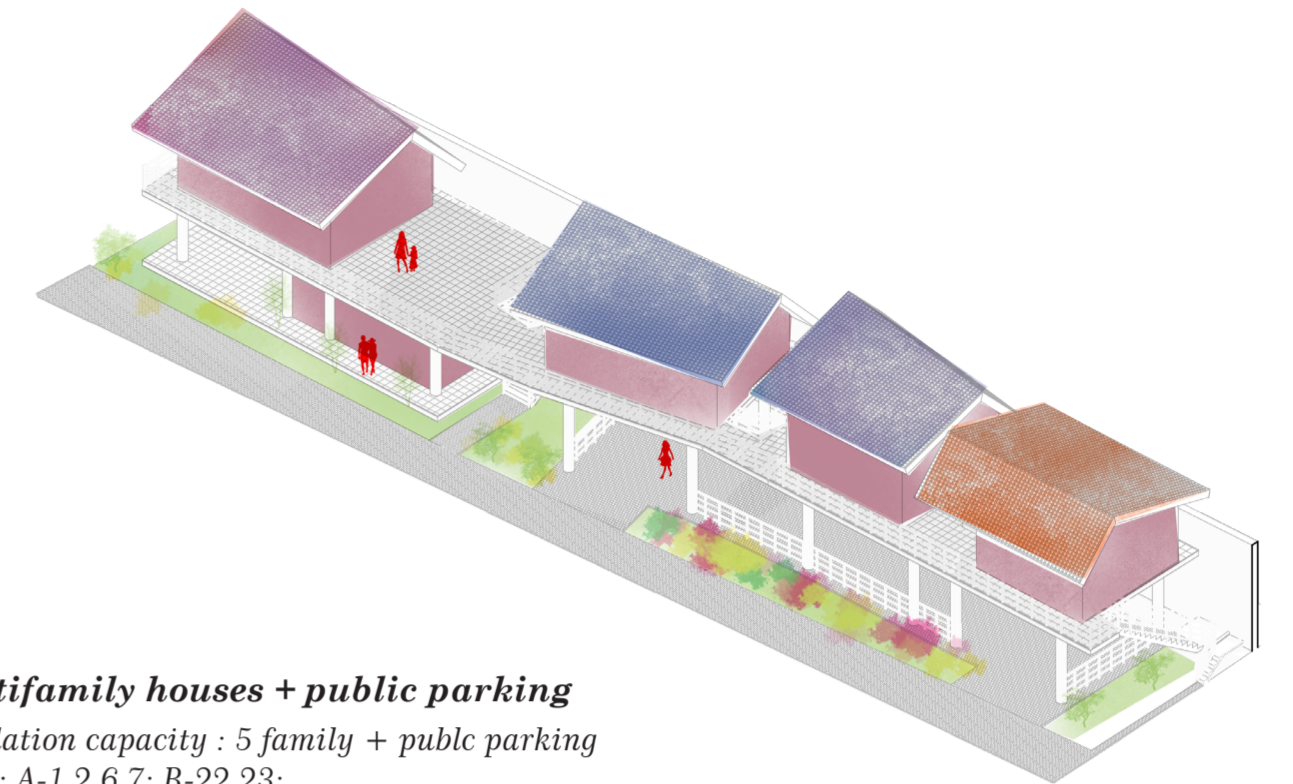
multifamily houses 1

population capacity : 7 family + public
codes: A-1,3; B-22,23; C-1,4,5,17,18,41,47



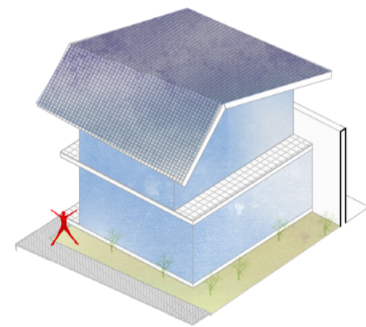
bale kampung + public library

population capacity : public facilities
codes: A-1,2,5,7,9; B-1,15,20,21;
C-1,4,5,7,9,41,42,48



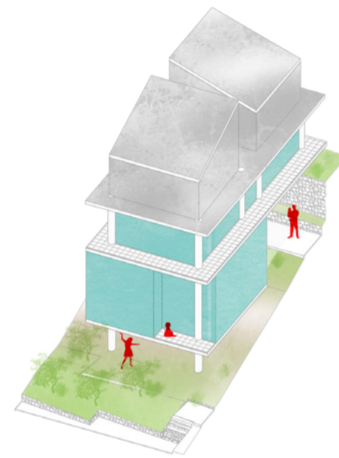
multifamily houses + public parking

population capacity : 5 family + public parking
codes: A-1,2,6,7; B-22,23;
C-1,4,5,17,18,31,32,41,47



twin house 2

population capacity : 2 family
codes: A-1; B-22,23; C-1,4,5,17,18,41,47



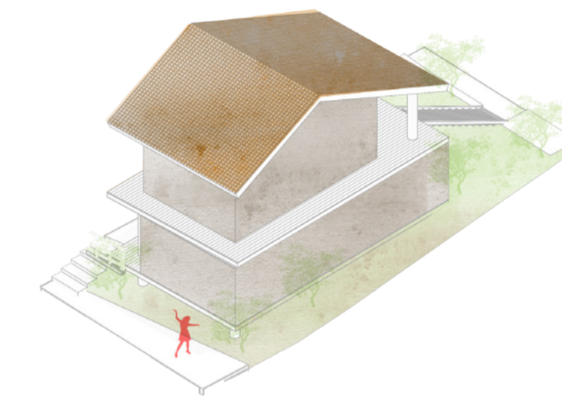
water tower house 1

population capacity : 3 family
codes: A-1,2,3; B-2,22,23; C-1,4,5,17,18,40,41,47



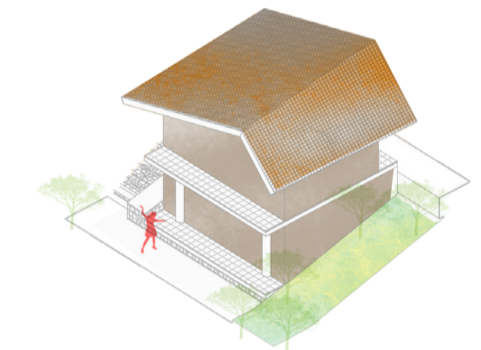
lifted houses 2

population capacity : 1 family + public
codes: A-1,7; B-22,23; C-1,4,5,17,18,41,47



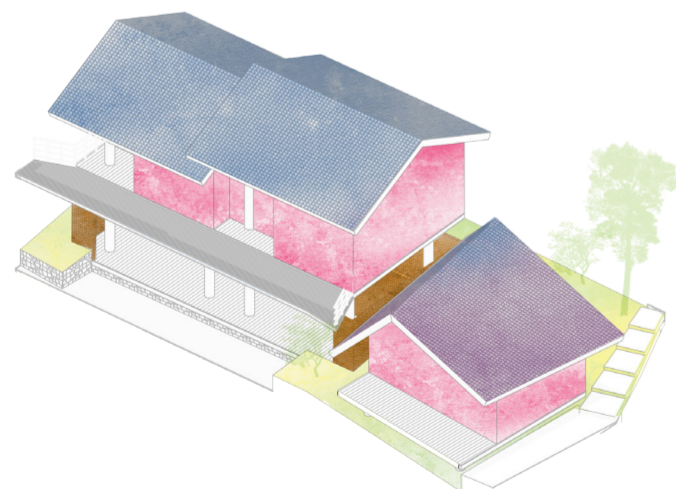
multifamily houses 2

population capacity : 3 family
codes: A-1,3; B-22,23; C-1,4,5,17,18,41,47



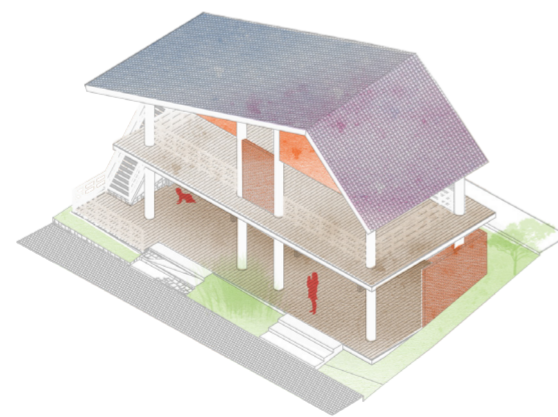
multifamily houses 3

population capacity : 2 family
codes: A-1,3; B-22,23; C-1,4,5,17,18,41,47



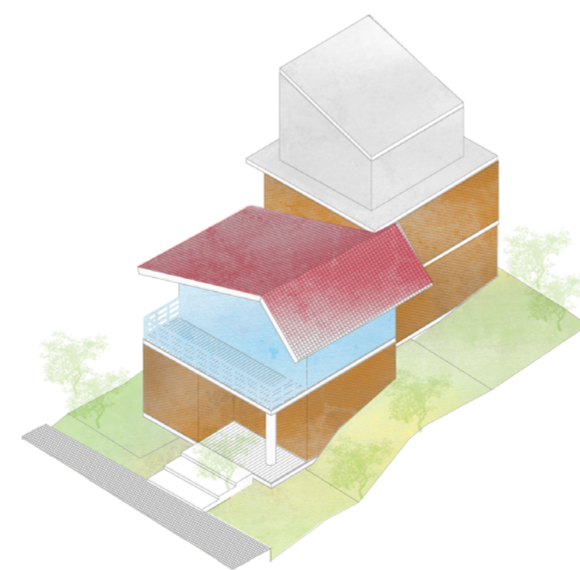
lifted houses 1

population capacity : 3 family + public
codes: A-1,2,3,7; B-22,23; C-1,4,5,17,18,41,47



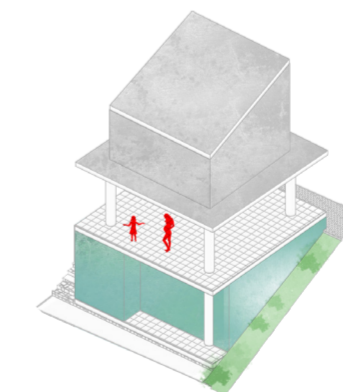
kampong foodcourt + riverseeing

population capacity : public facility
codes: A-1,2,5,6,7; B-16,19,20,21,26; C-38,41,43



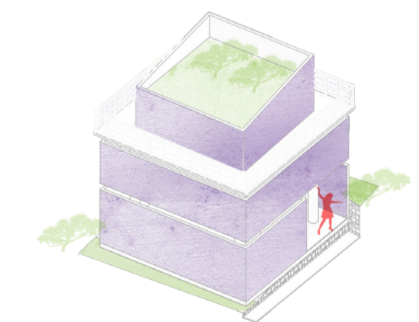
multifamily houses + waterbank

population capacity : 2 family + water bank
codes: A-1,2,3; B-2,22,23; C-1,4,5,17,18,40,41,47



water tower house 2

population capacity : 1 family + public
codes: A-1,2,3; B-2,22,23; C-1,4,5,17,18,40,41,47



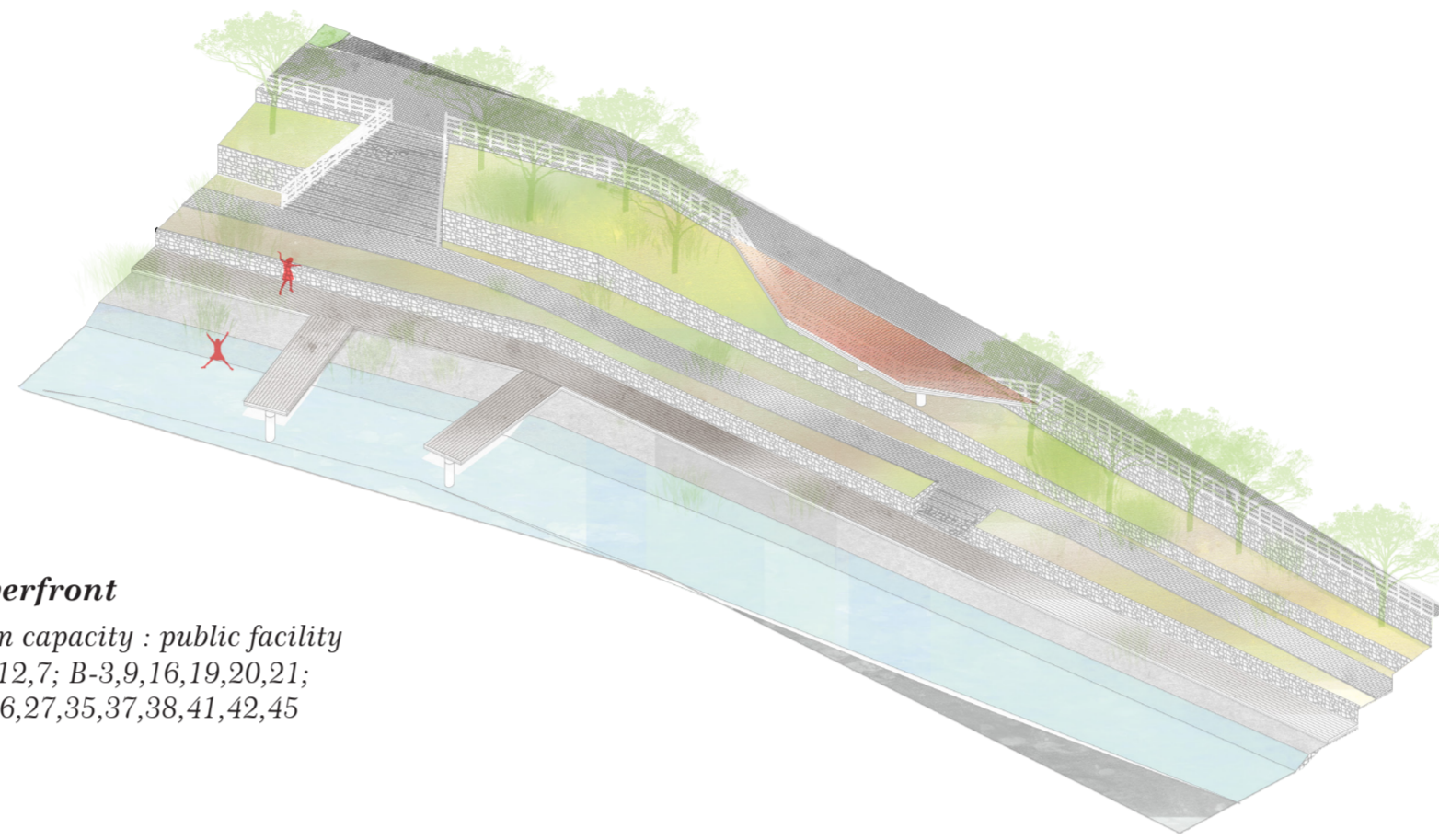
labo freak house

population capacity : 1 family + knowledge
codes: A-1,2,8; B-22,23; C-1,4,5,17,18,41,47



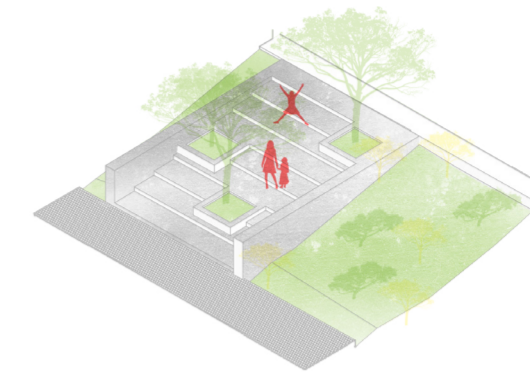
stacked houses

population capacity : 7 family + food garden
 codes: A-1,2,3; B-22,23; C-1,4,5,17,18,40,41,47



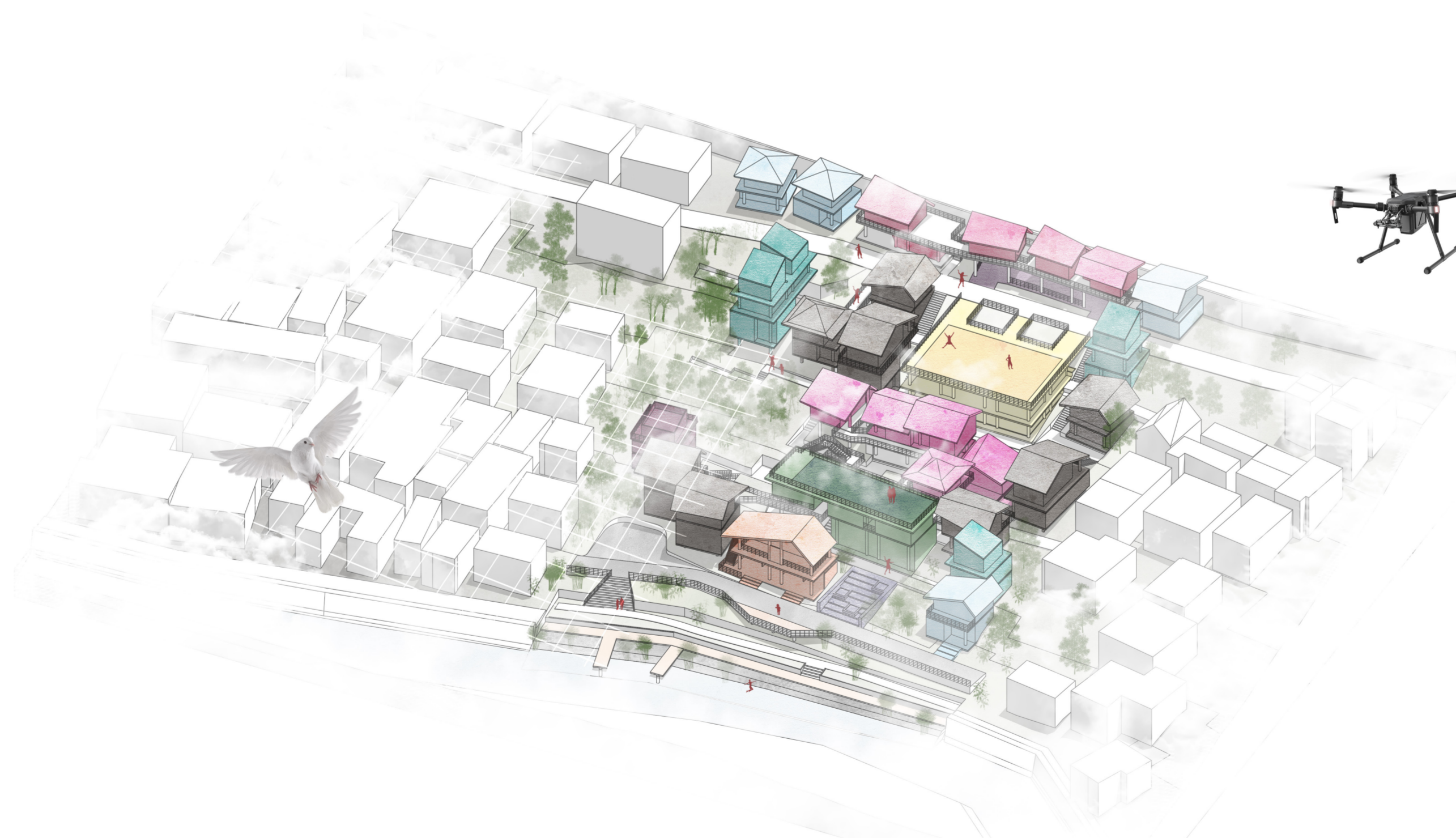
code riverfront

population capacity : public facility
 codes: A-,12,7; B-3,9,16,19,20,21;
 C-11,25,26,27,35,37,38,41,42,45

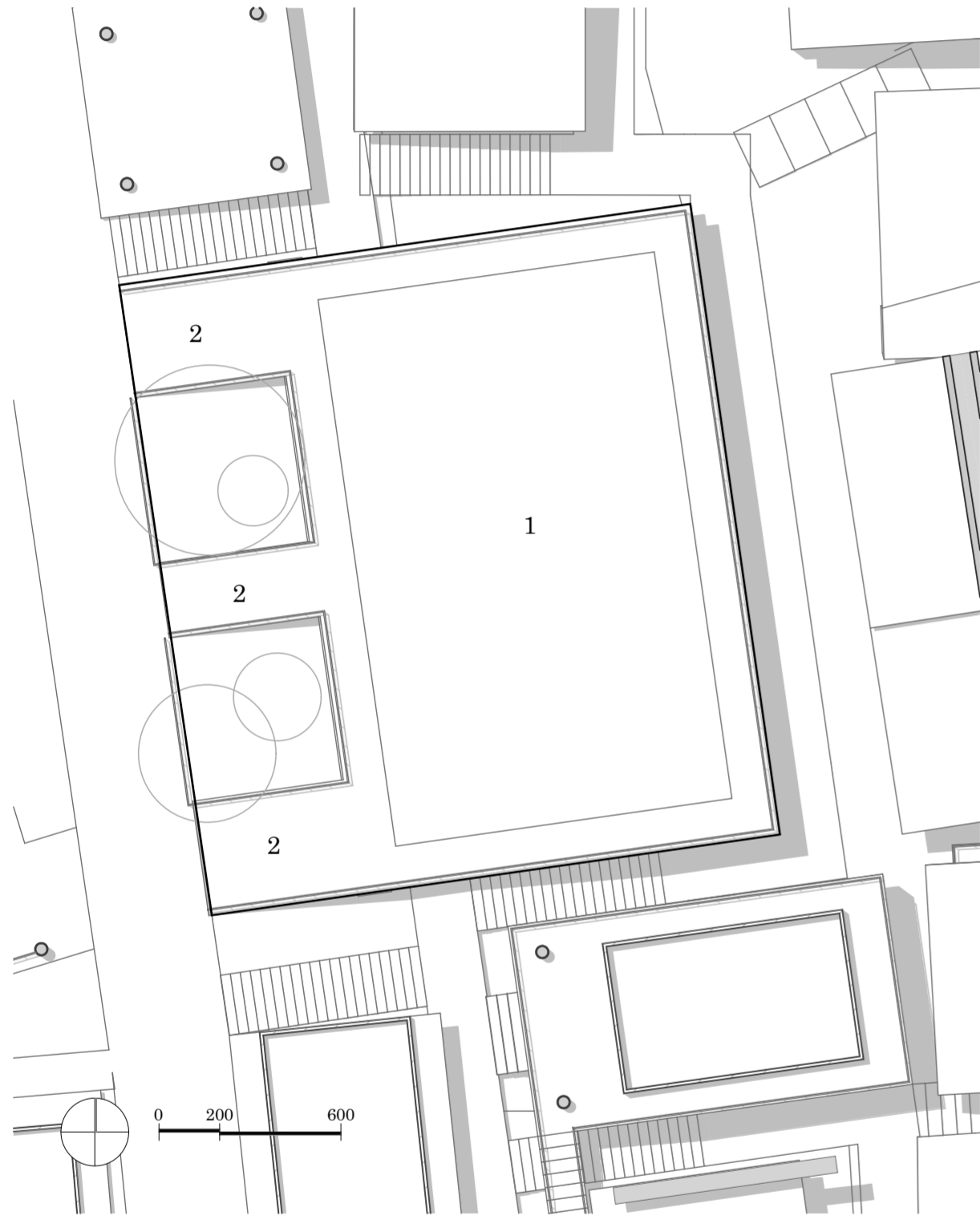


taman tapak

population capacity : public facilities
 codes: A-,12,7; B-16,19,20,21; C-41,42

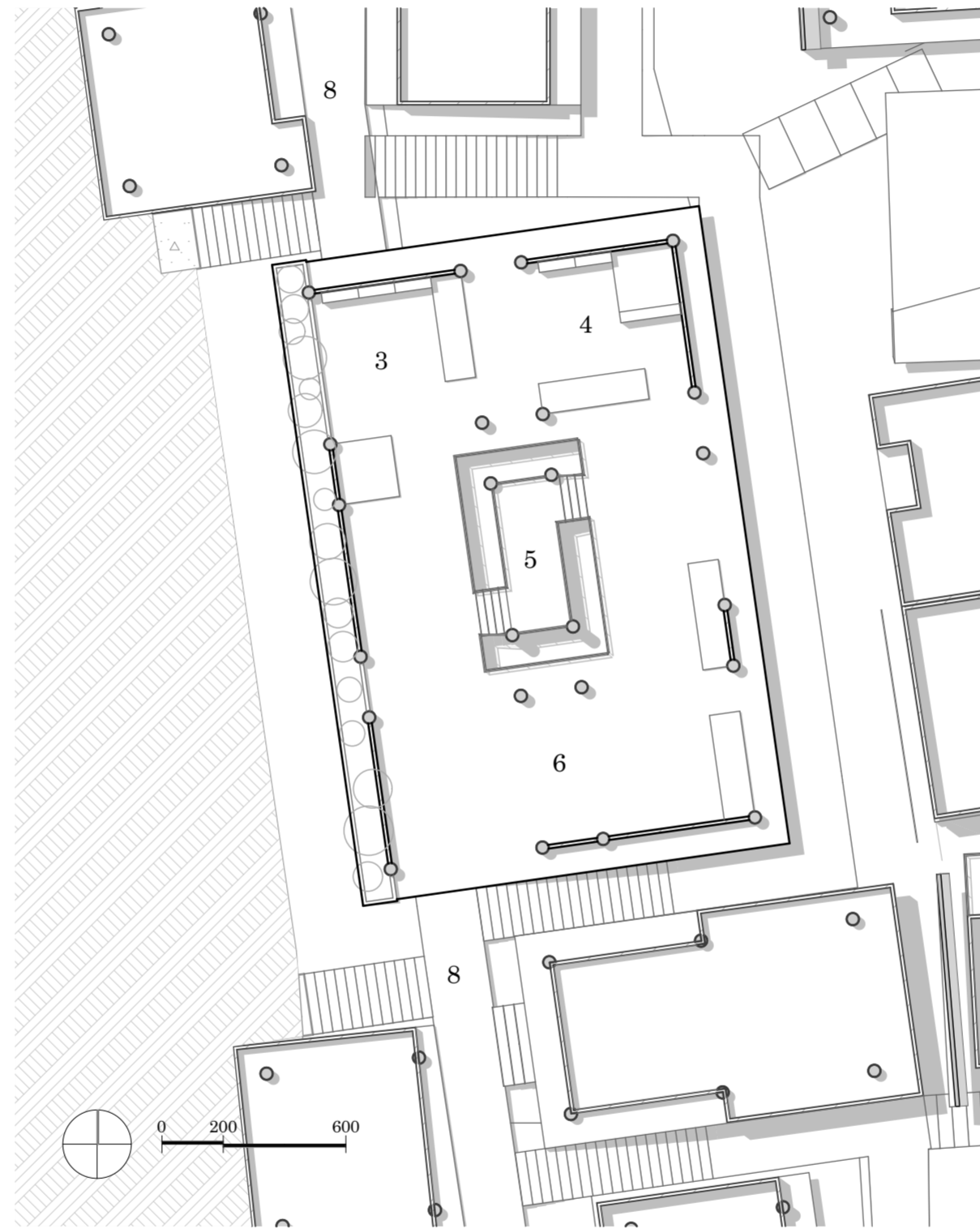


1. Kampong Field
2. Entrance



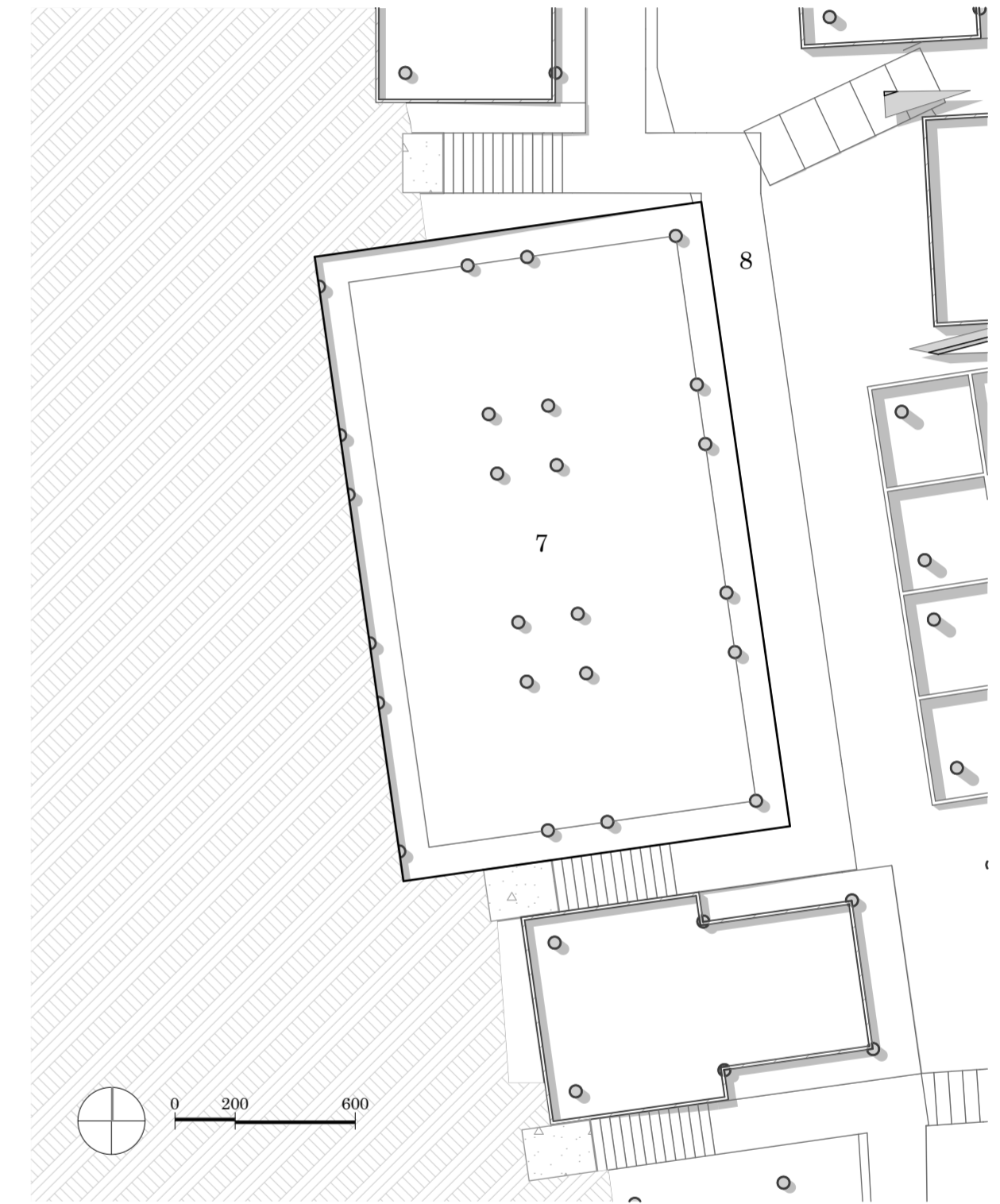
GF Plan

3. Kids Book Corner
4. Common Book Corner
5. Observer
6. Class/Workshop Corner

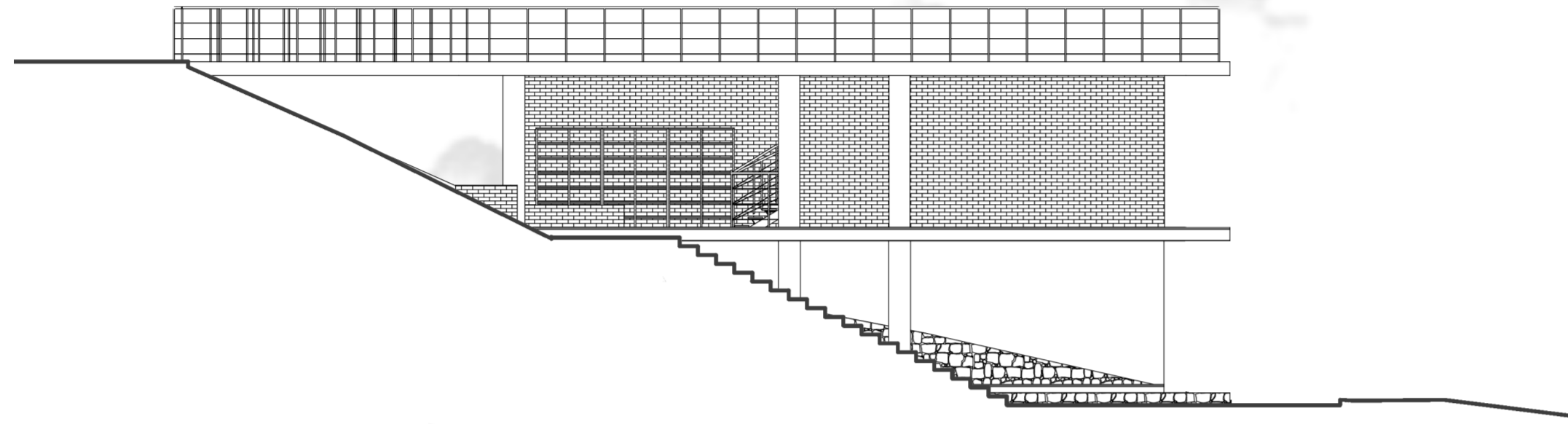


UG Plan

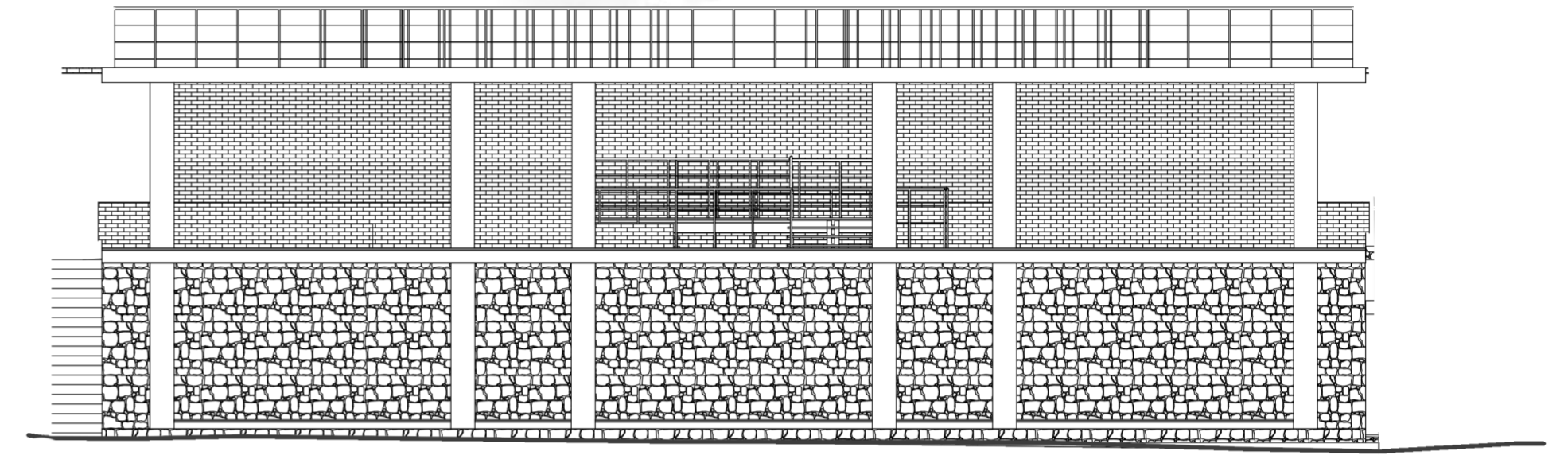
7. Hall
8. Kampong Street



LG Plan



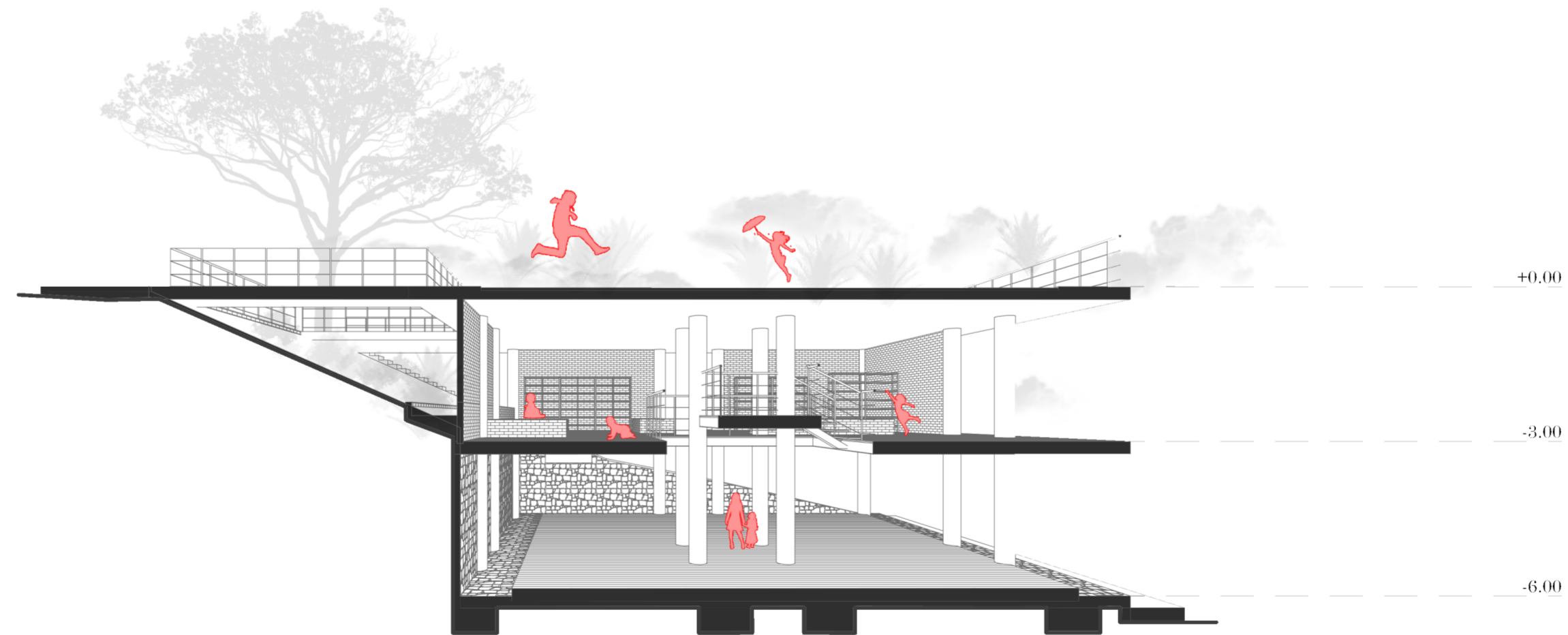
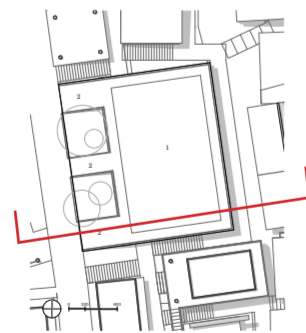
North Elevation



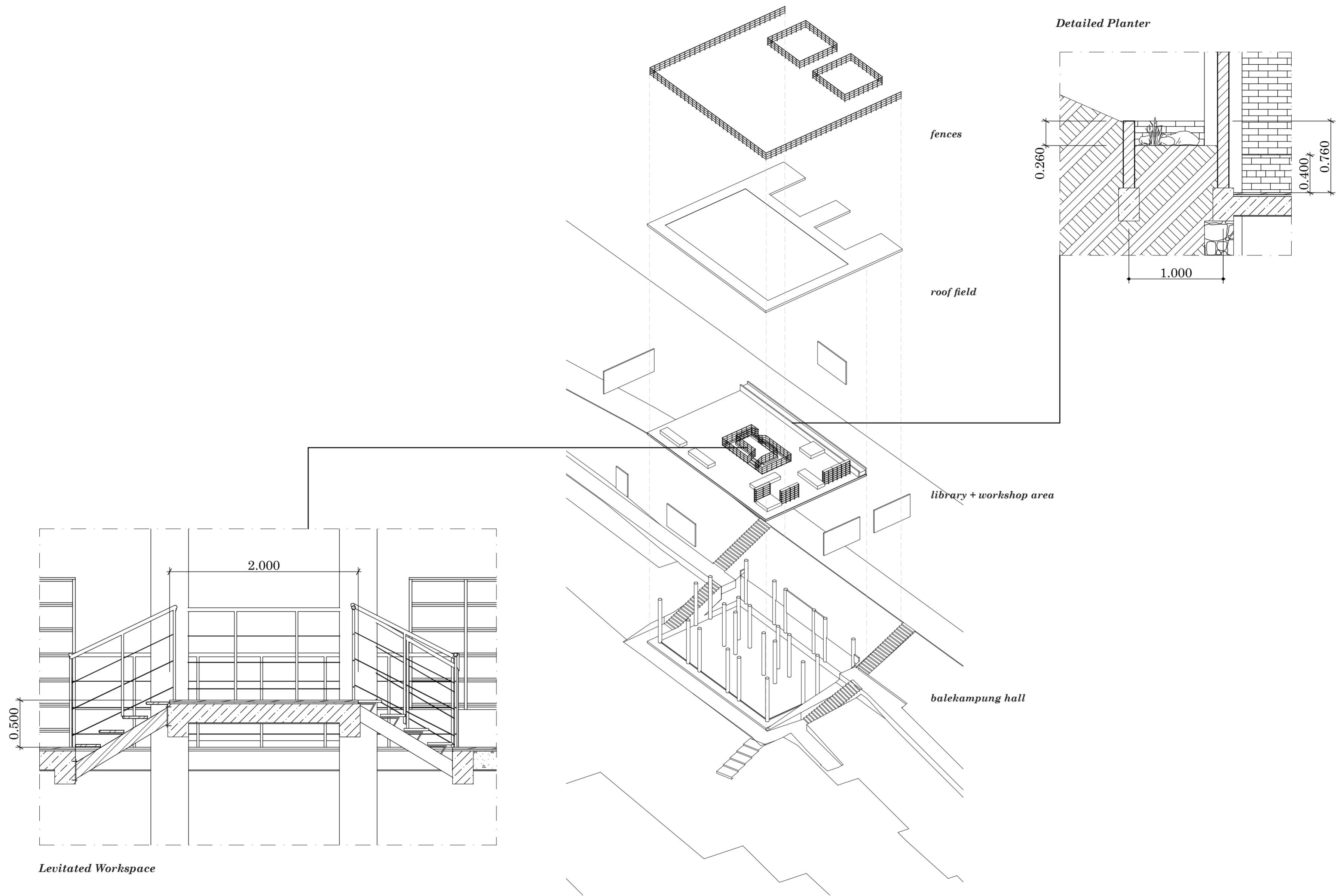
West Elevation

0 100 300

0 100 300



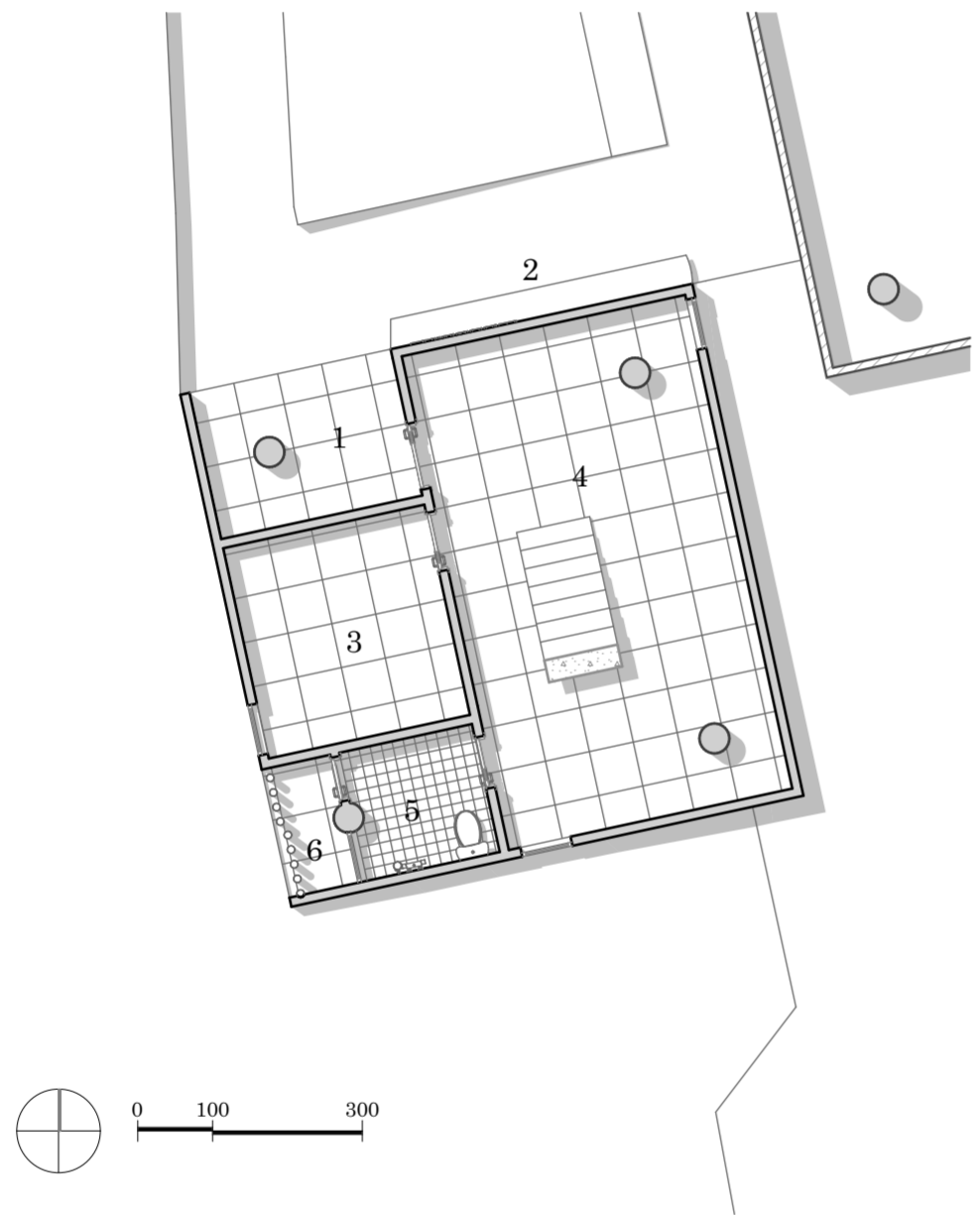
Section



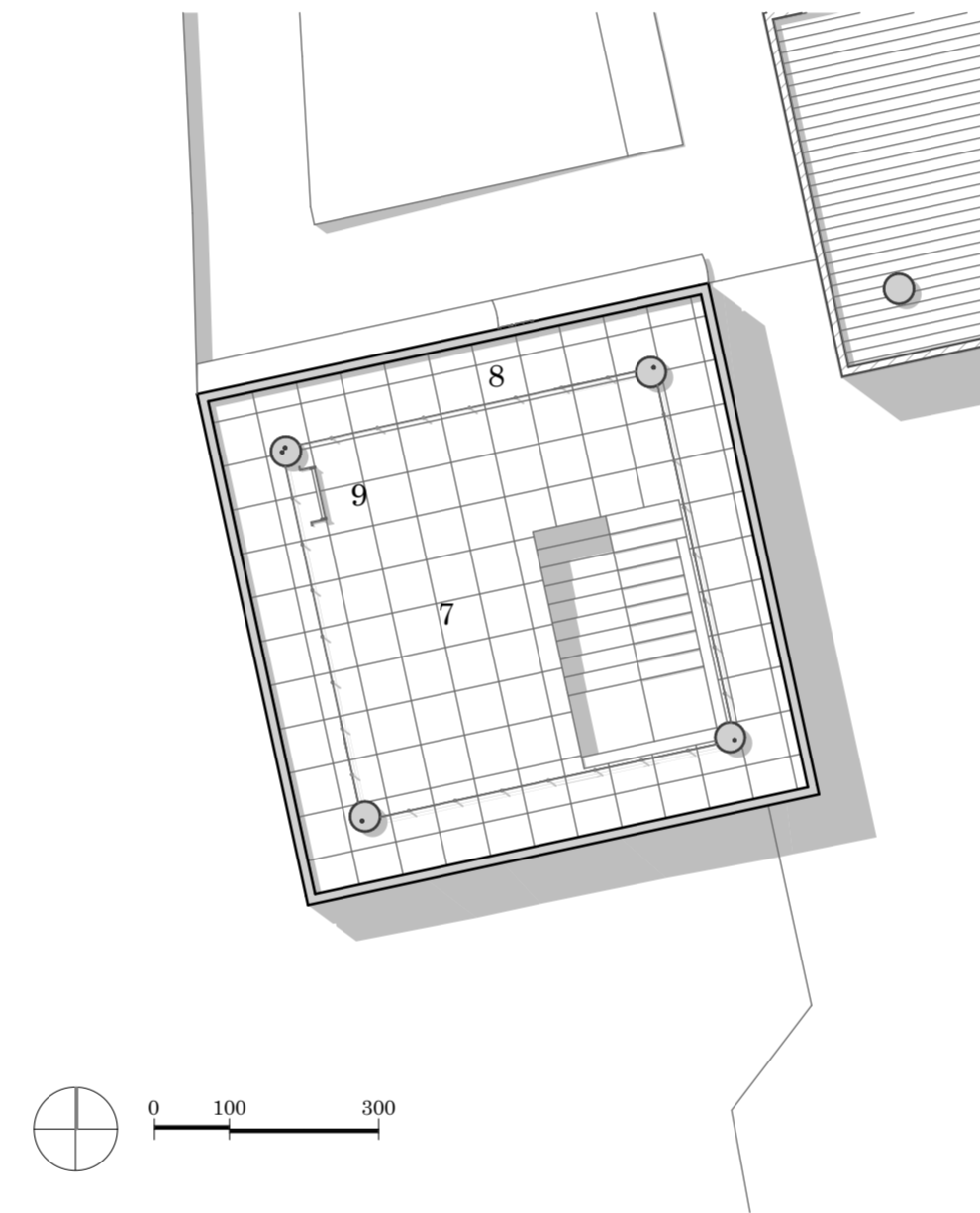
- 1 Terrace
- 2 Sitting
- 3 Bedroom
- 4 Living Room
- 5 Restroom
- 6 Washing Room

- 7 Petting Room
- 8 Birds Cage
- 9 Ladder

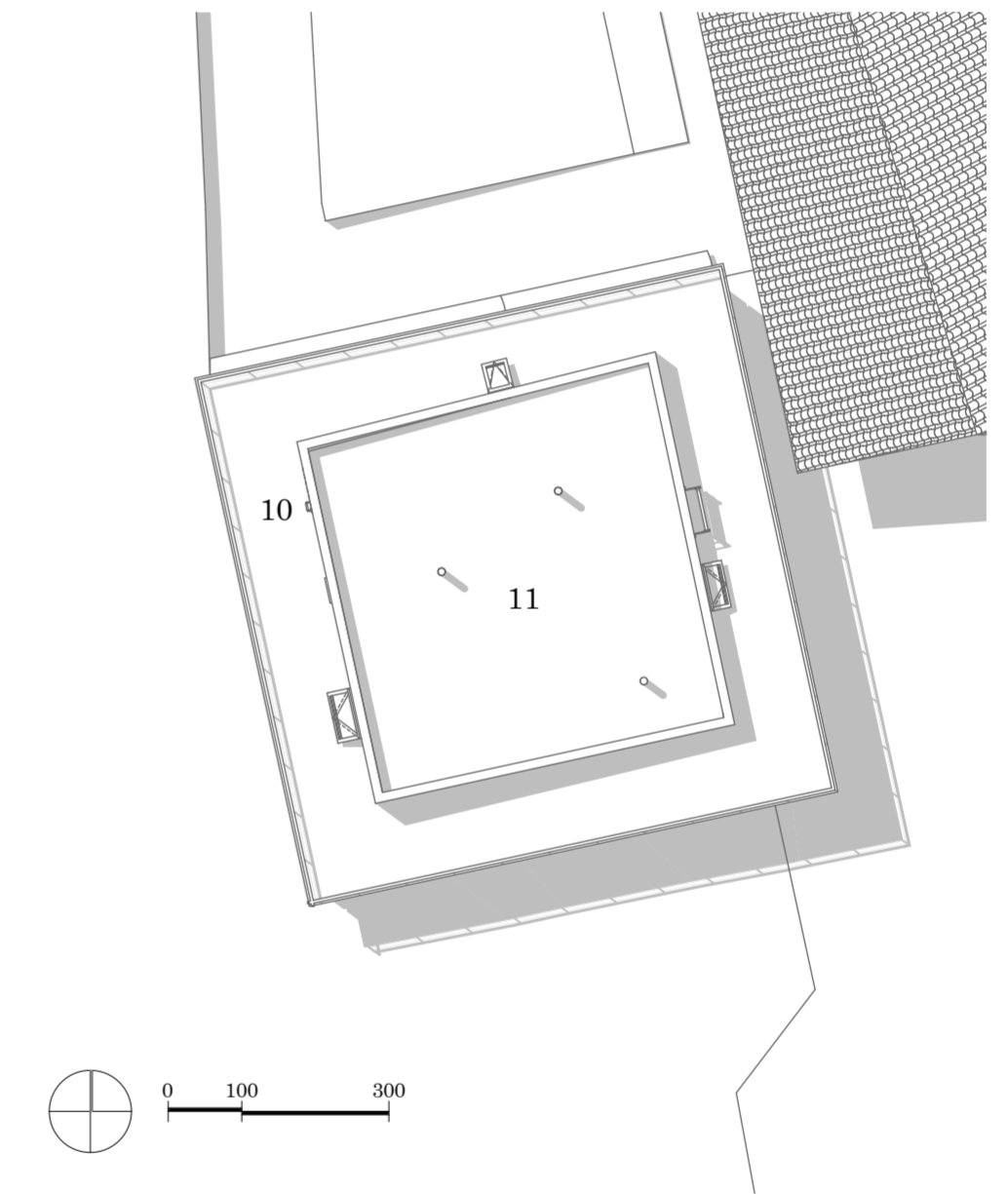
- 10 Upperdeck
- 11 Roofgarden



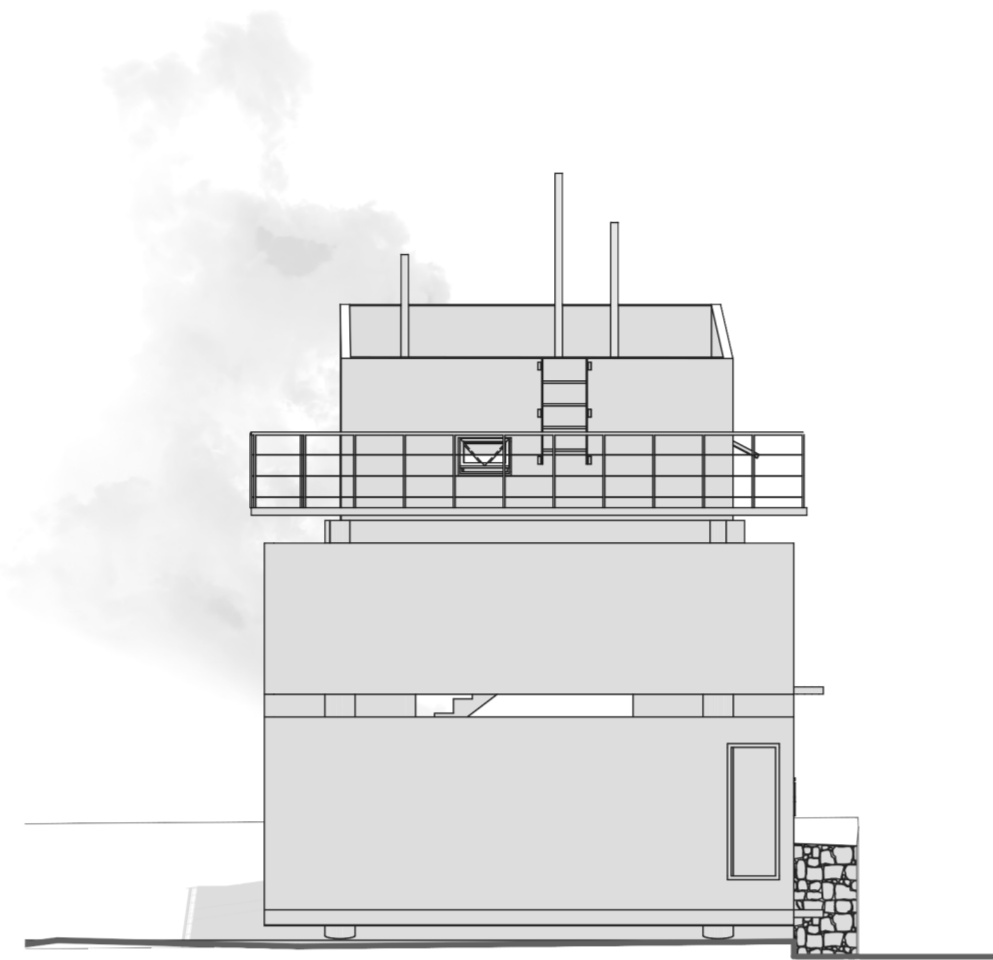
GF Plan



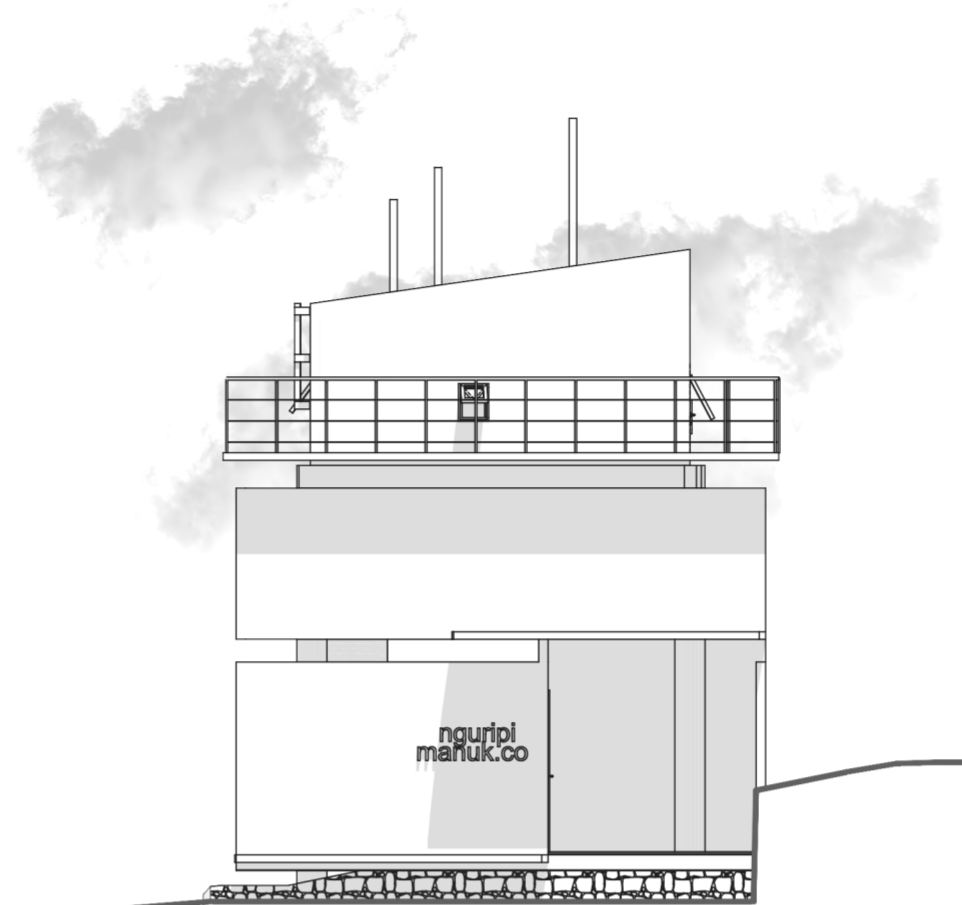
Lvl 1 Plan



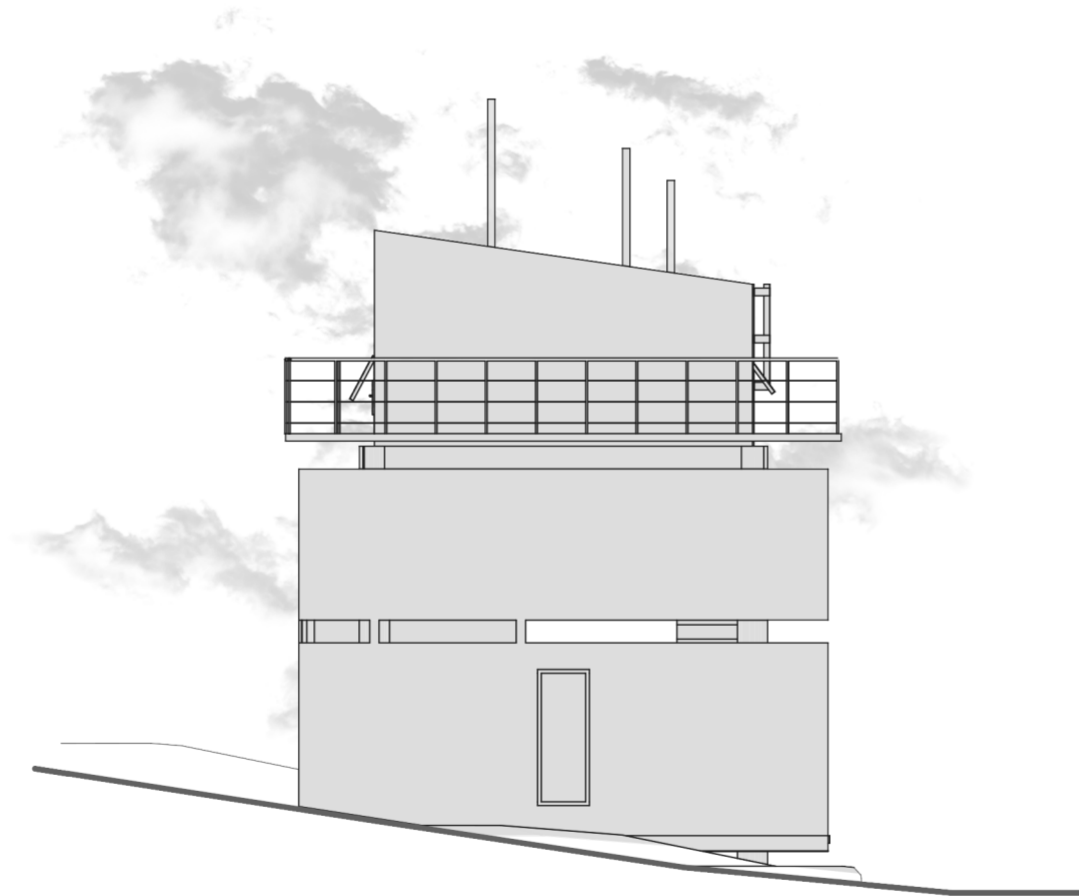
Lvl 2 Plan



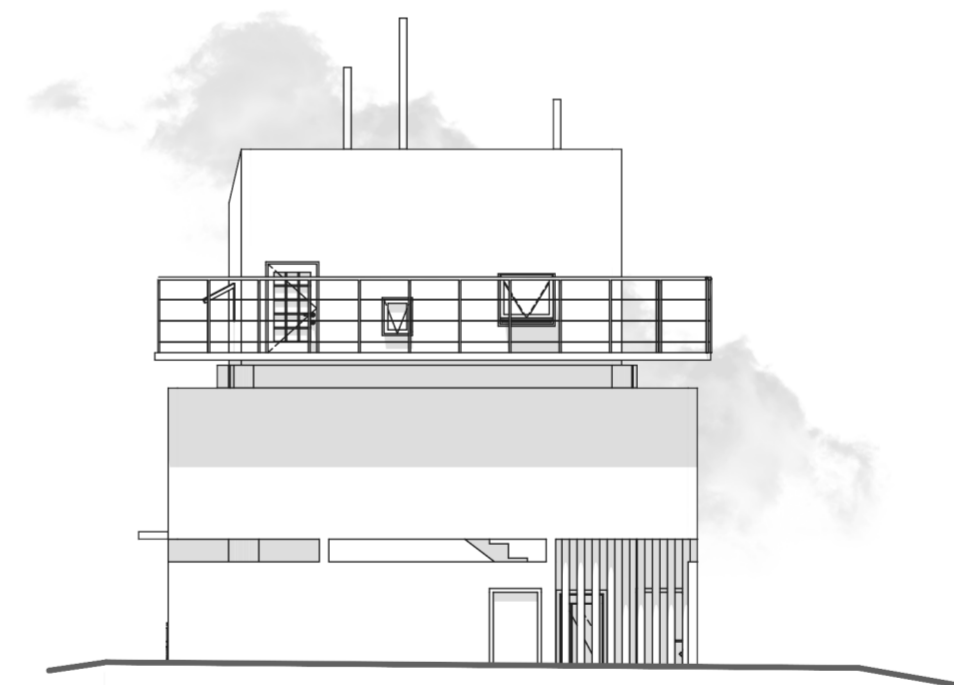
West View



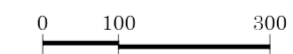
South View

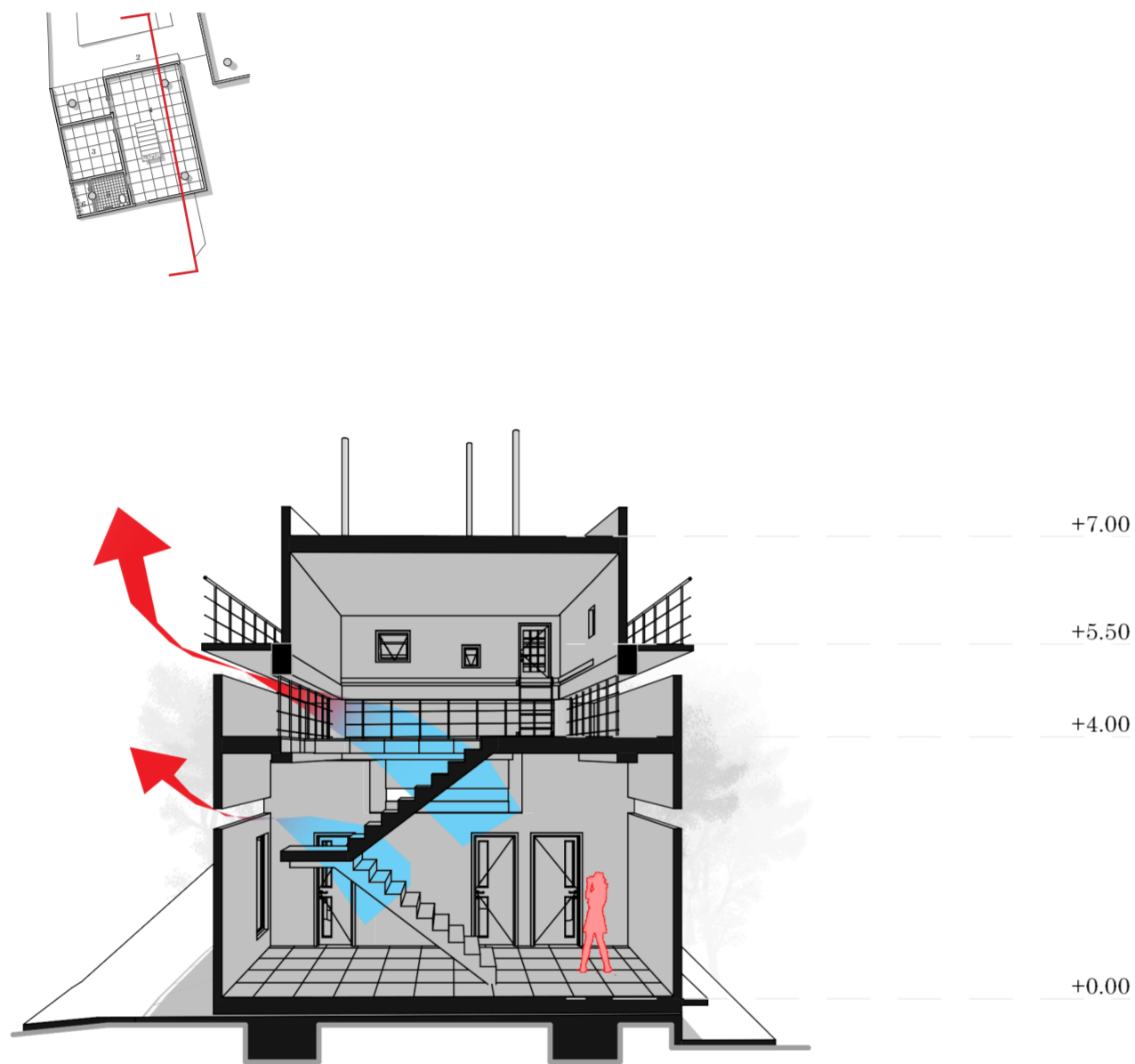


North View

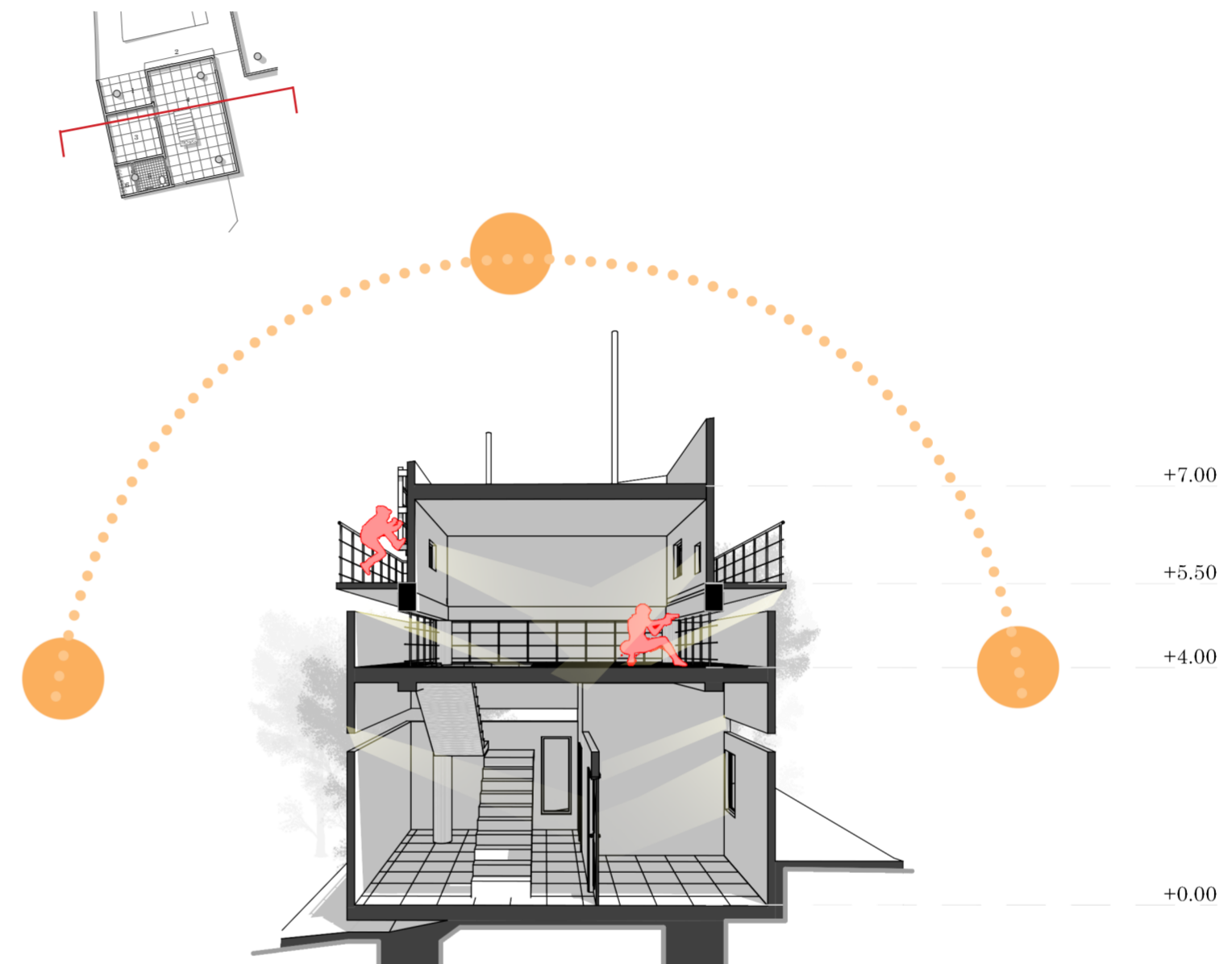


East View

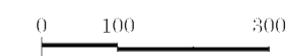


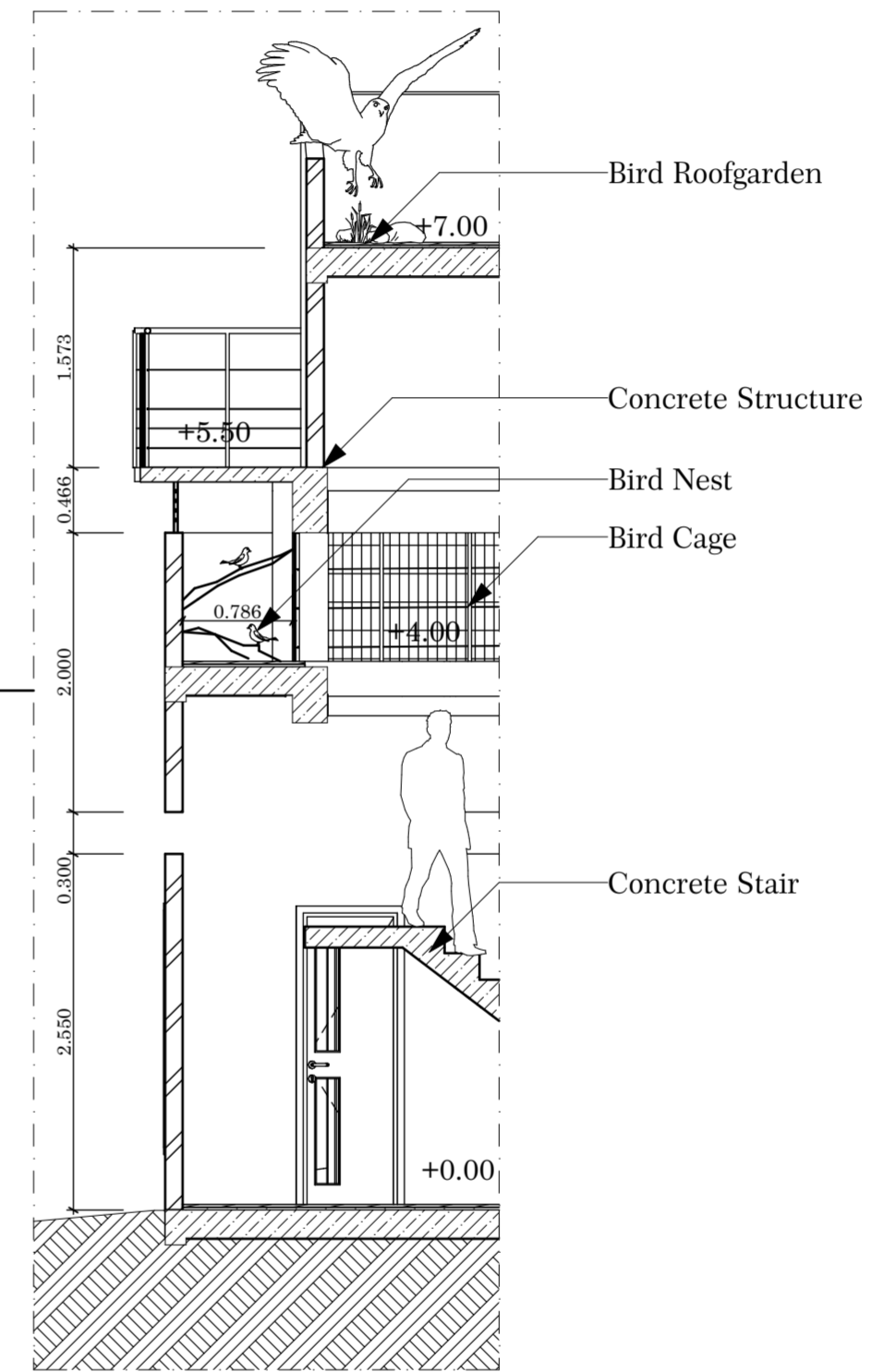
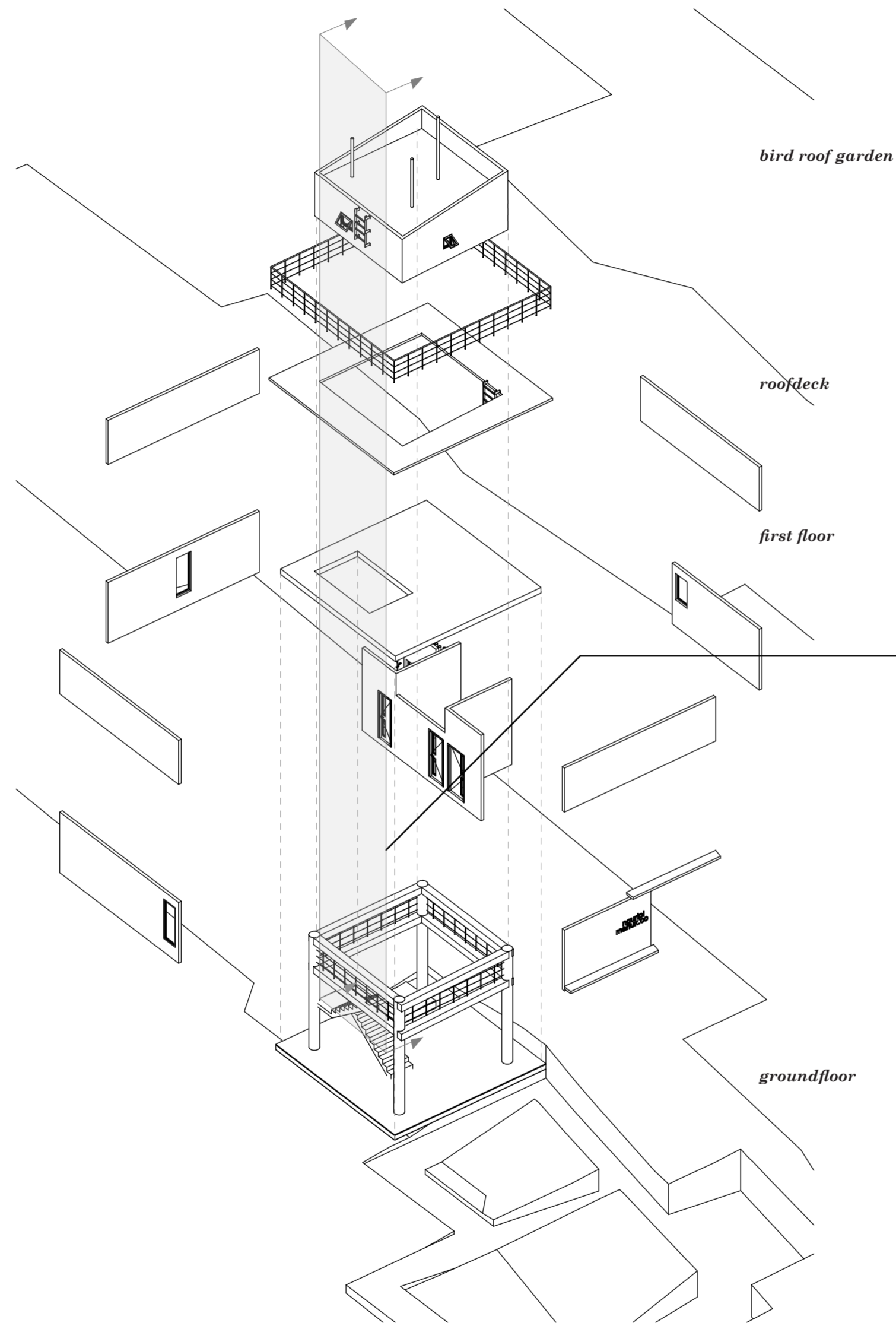


Passive Air Conditioning



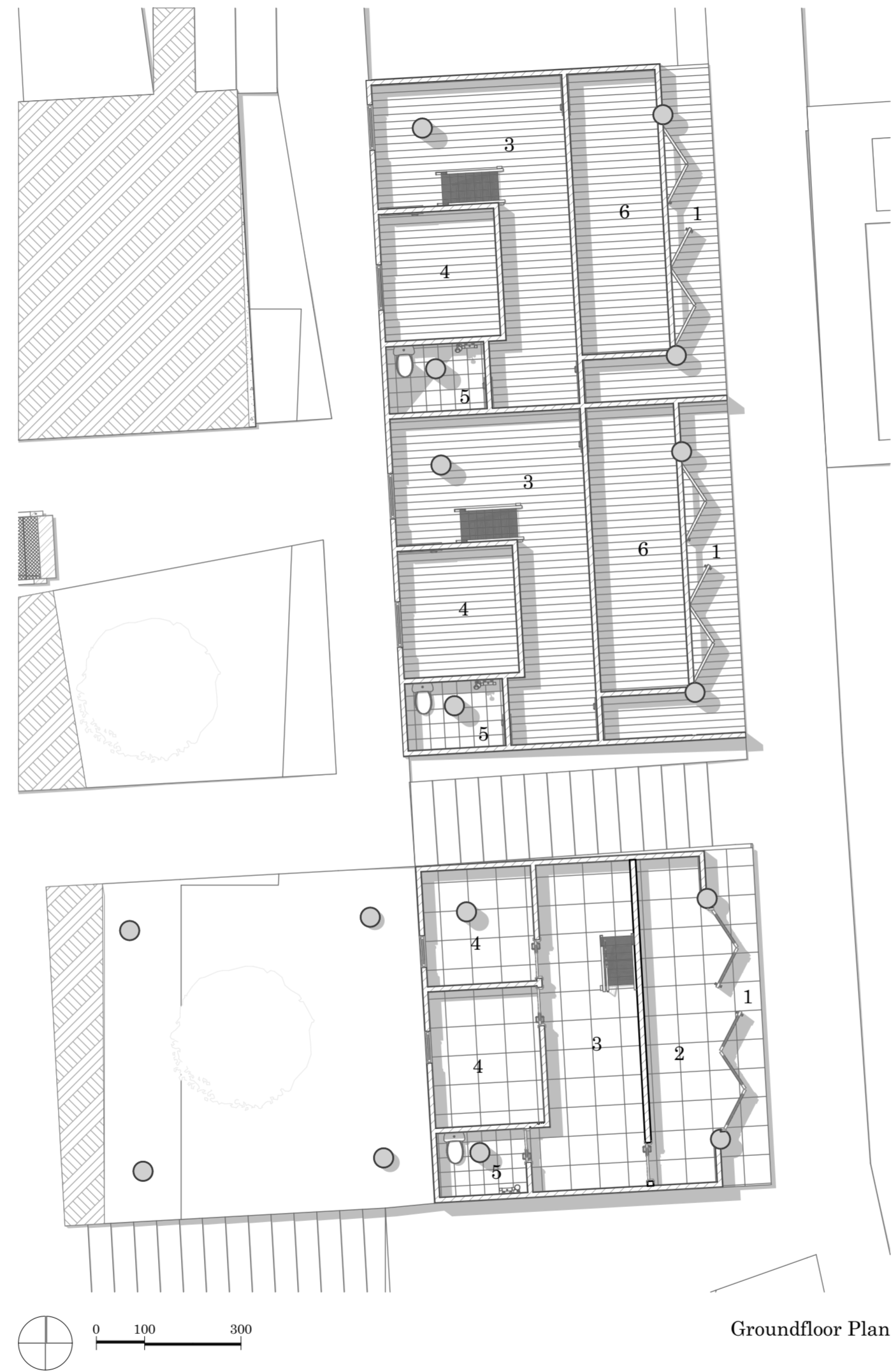
Daylighting Consideration



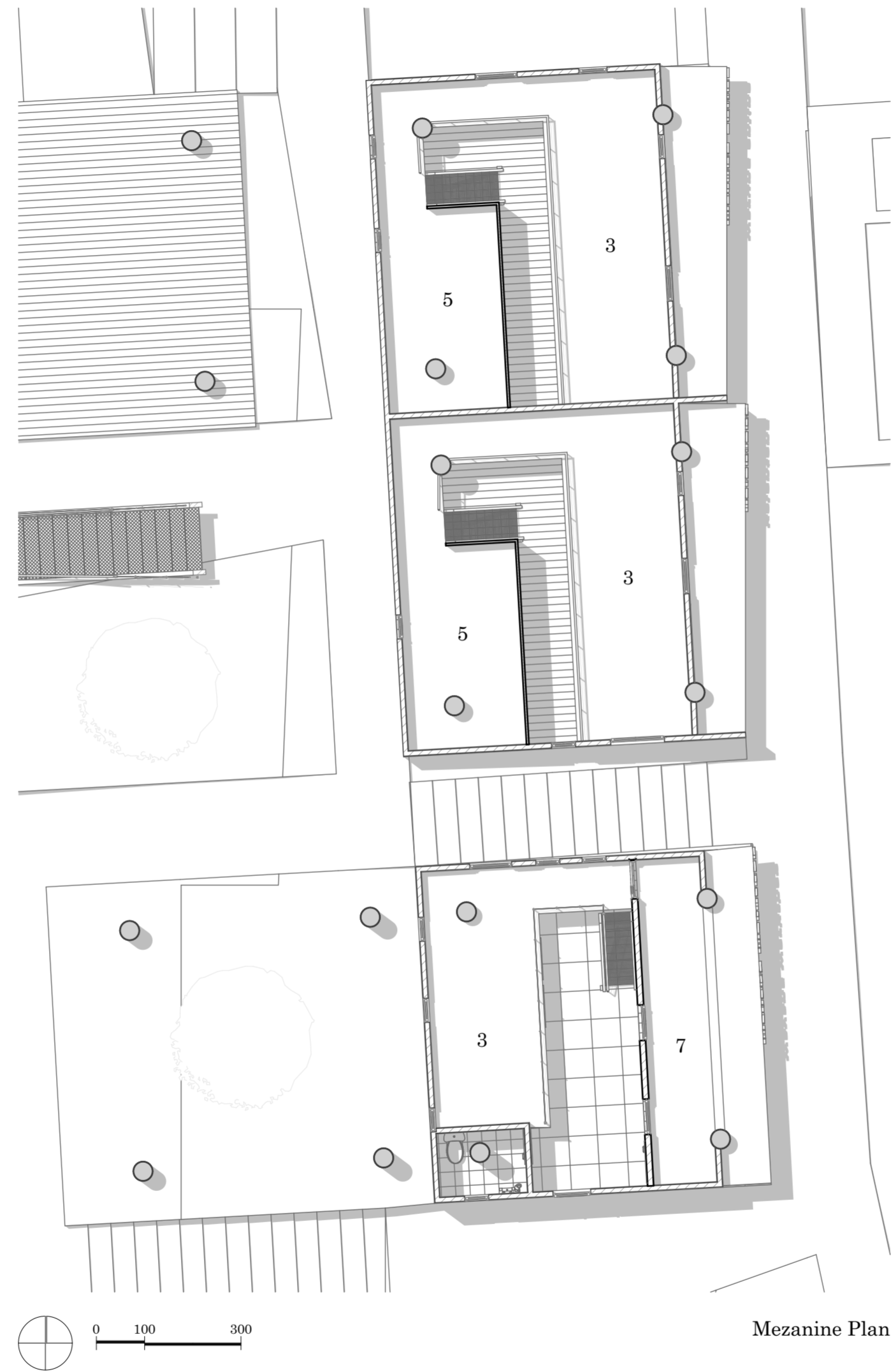


Detailed Section

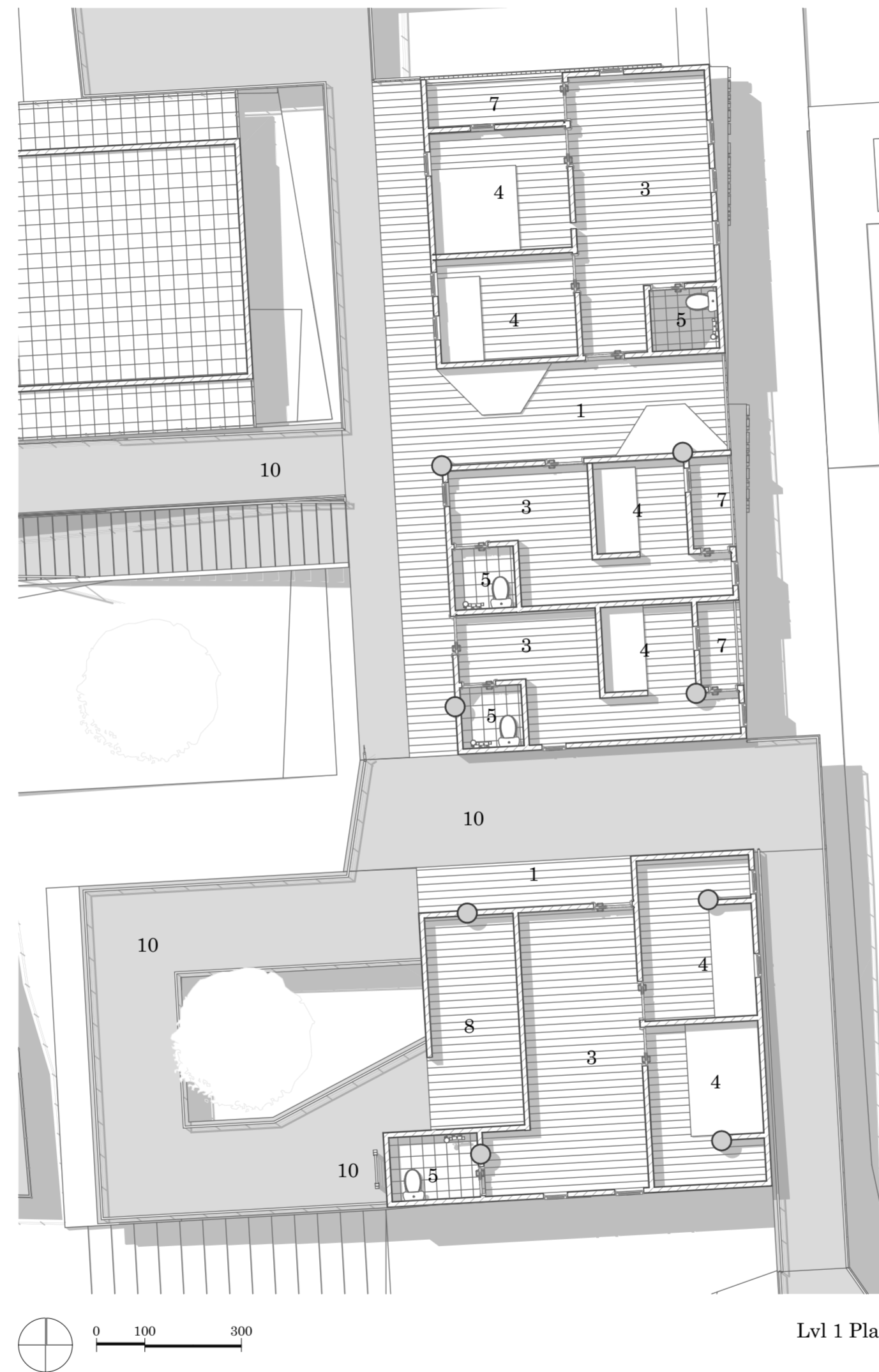
- 1 Terrace
- 2 Workshop
- 3 Living Room
- 4 Bedroom
- 5 Restroom
- 6 Stall/ Warung
- 7 Balcony
- 8 Gardening Workshop
- 9 Ladder/stair
- 10 Levitated Pathway
- 11 Roof Garden
- 12 Watertank



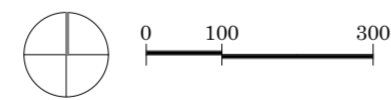
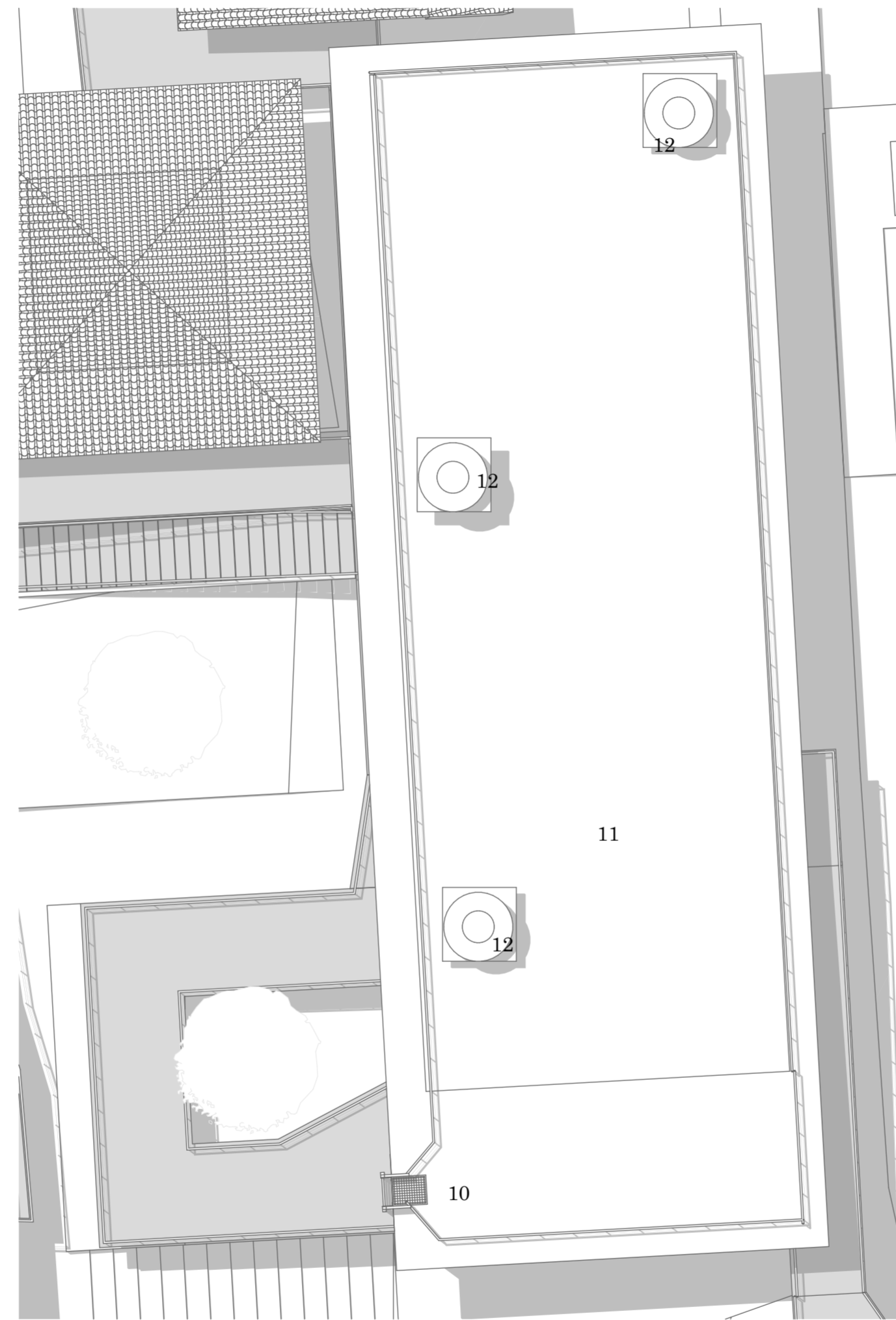
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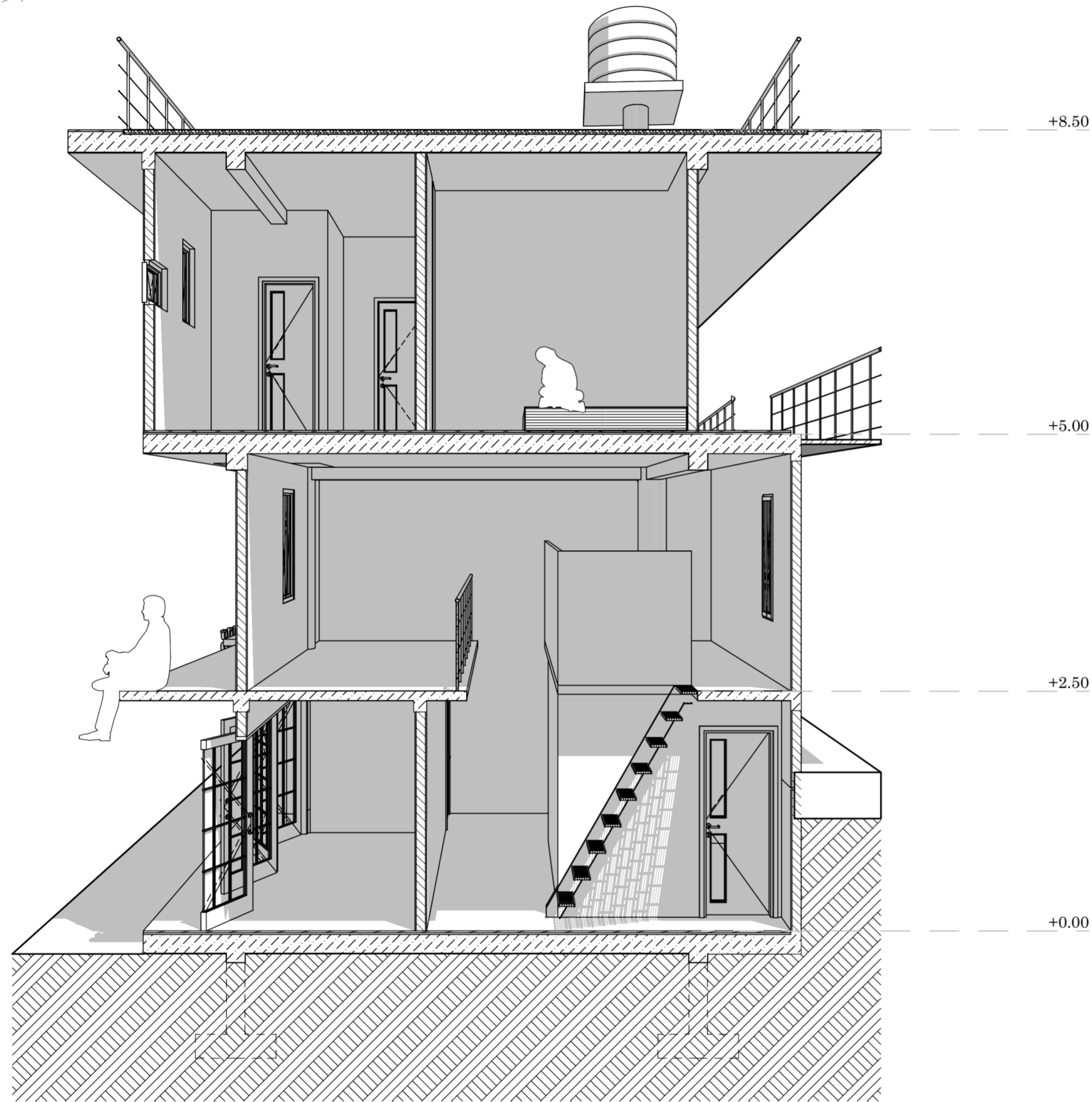
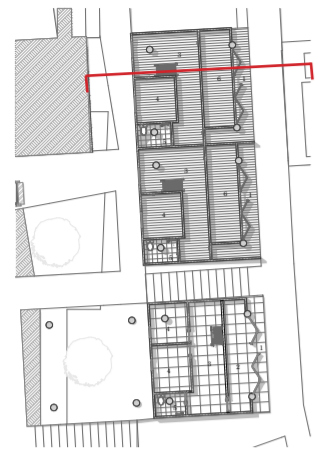
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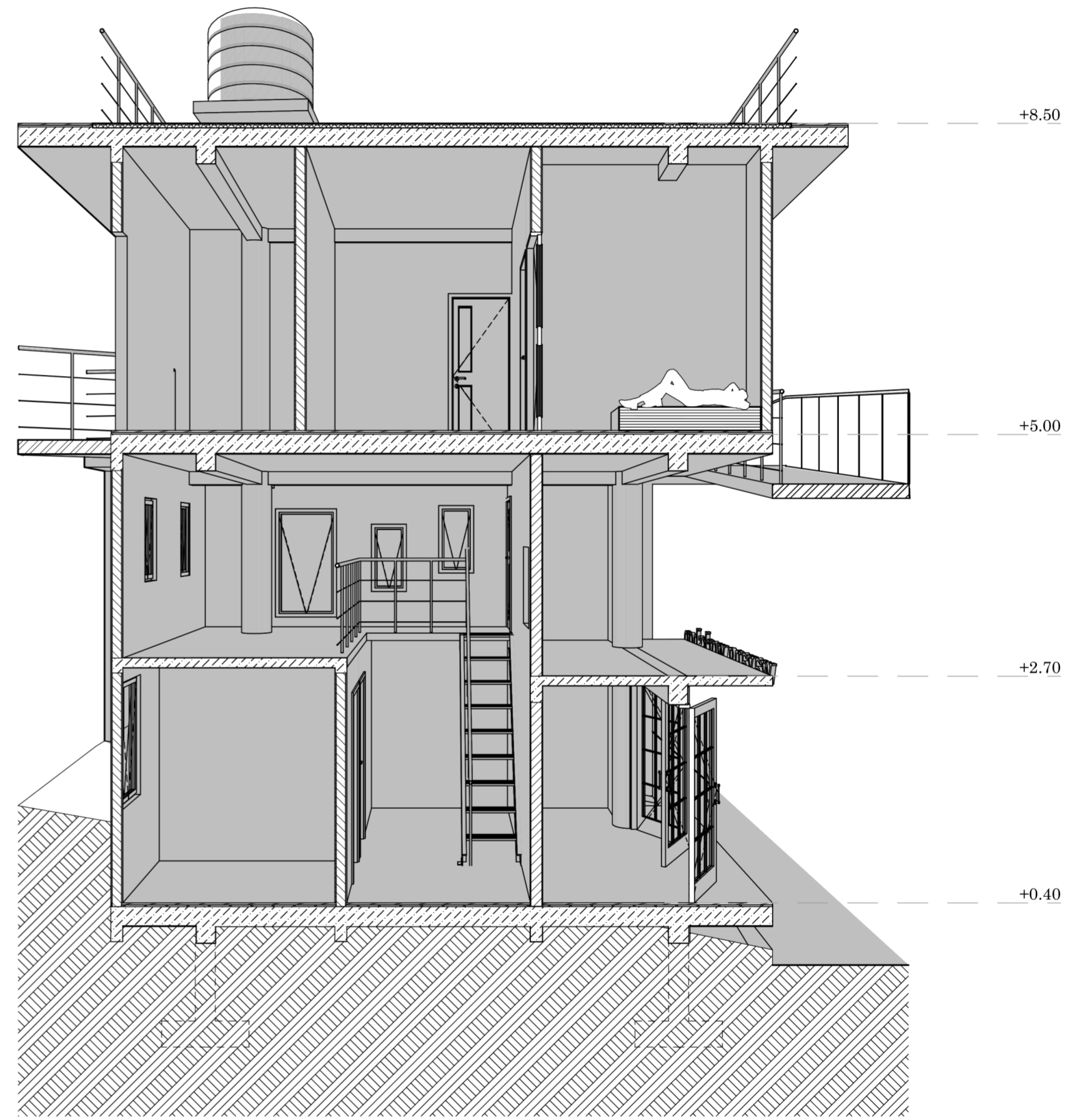
- 1 Terrace
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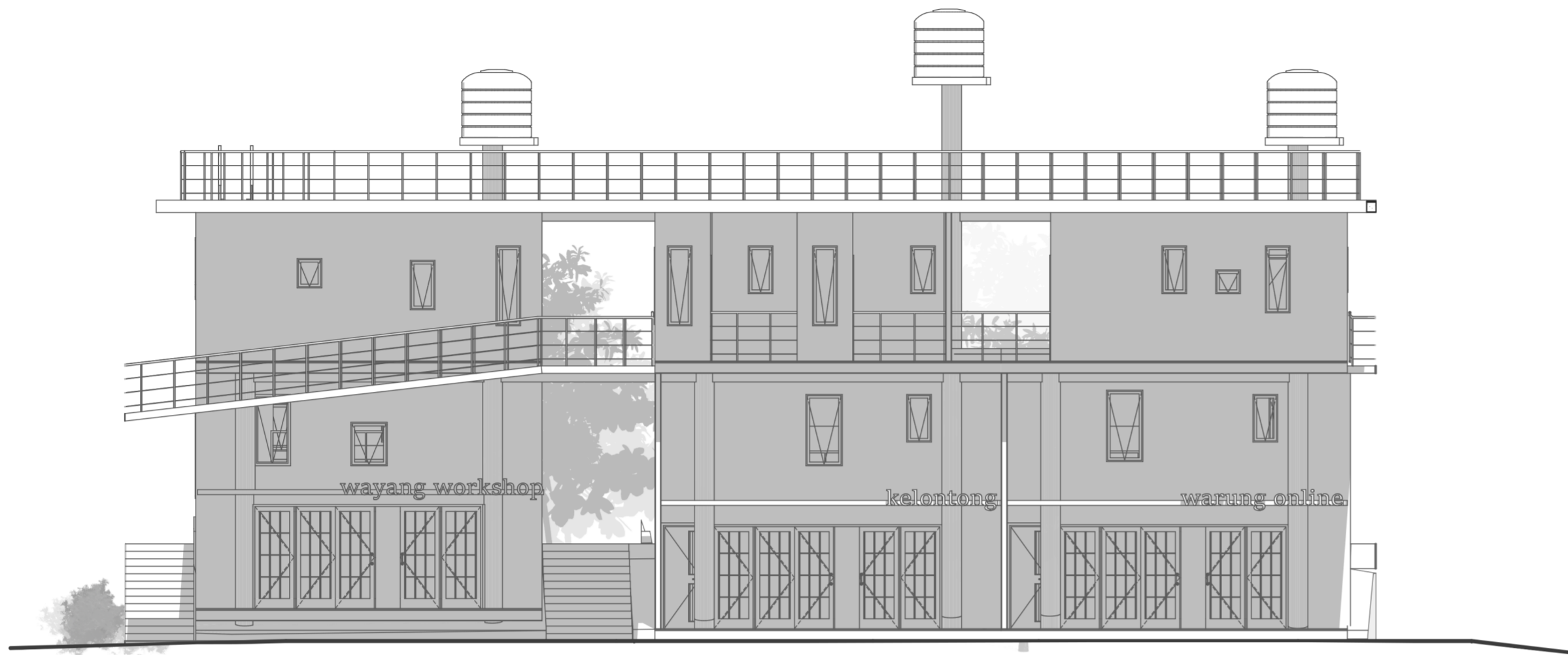
Rooftop Plan



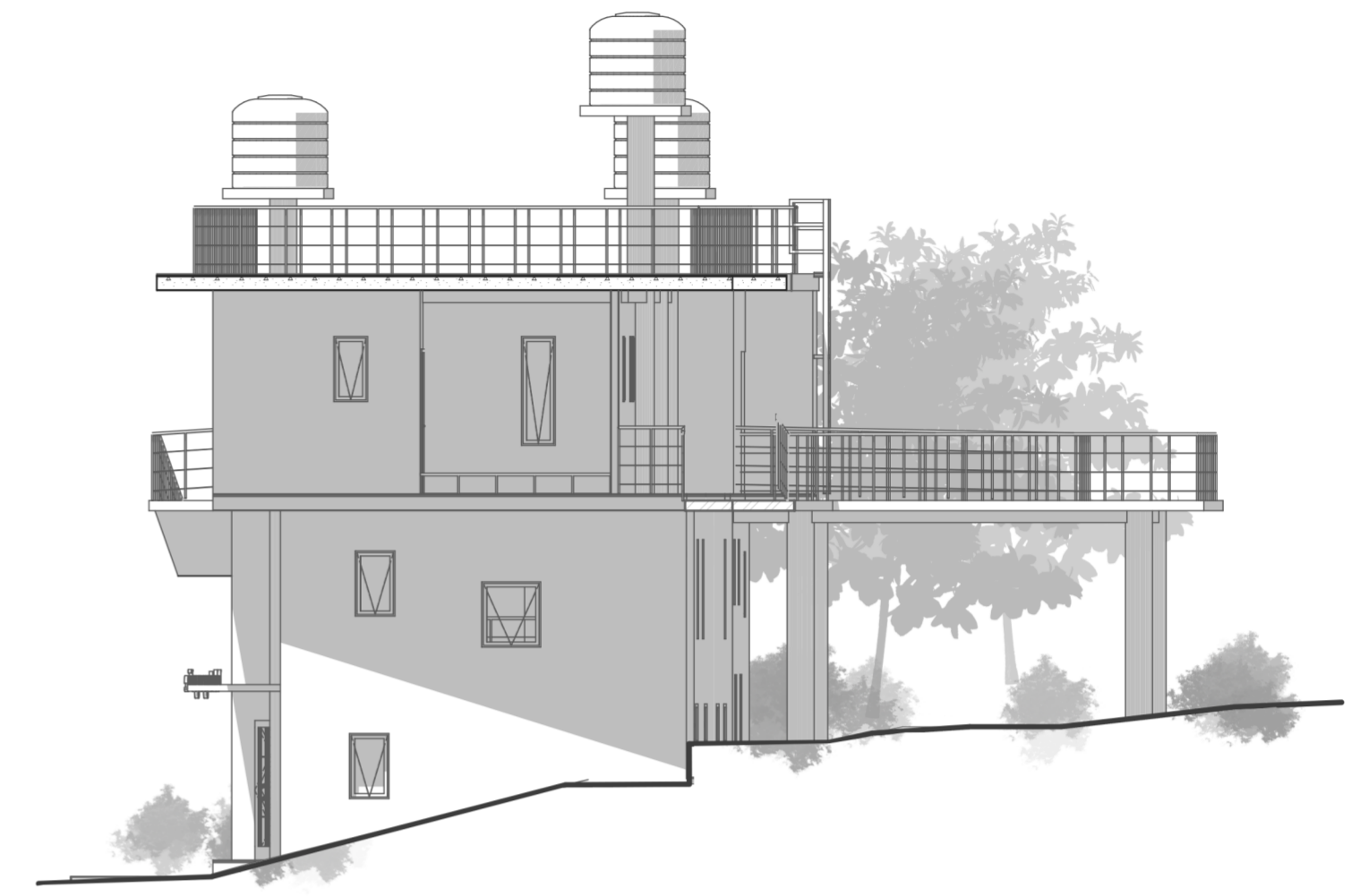
Section



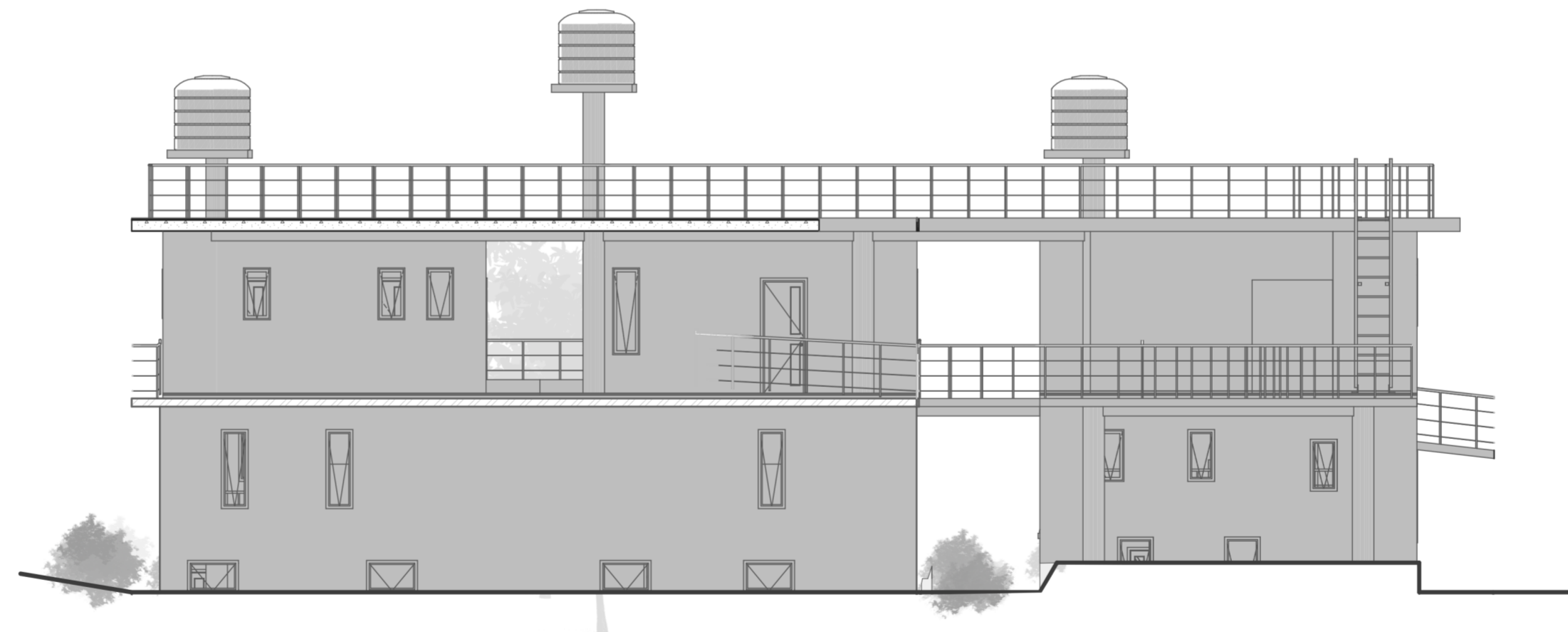
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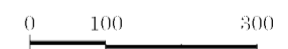
West View

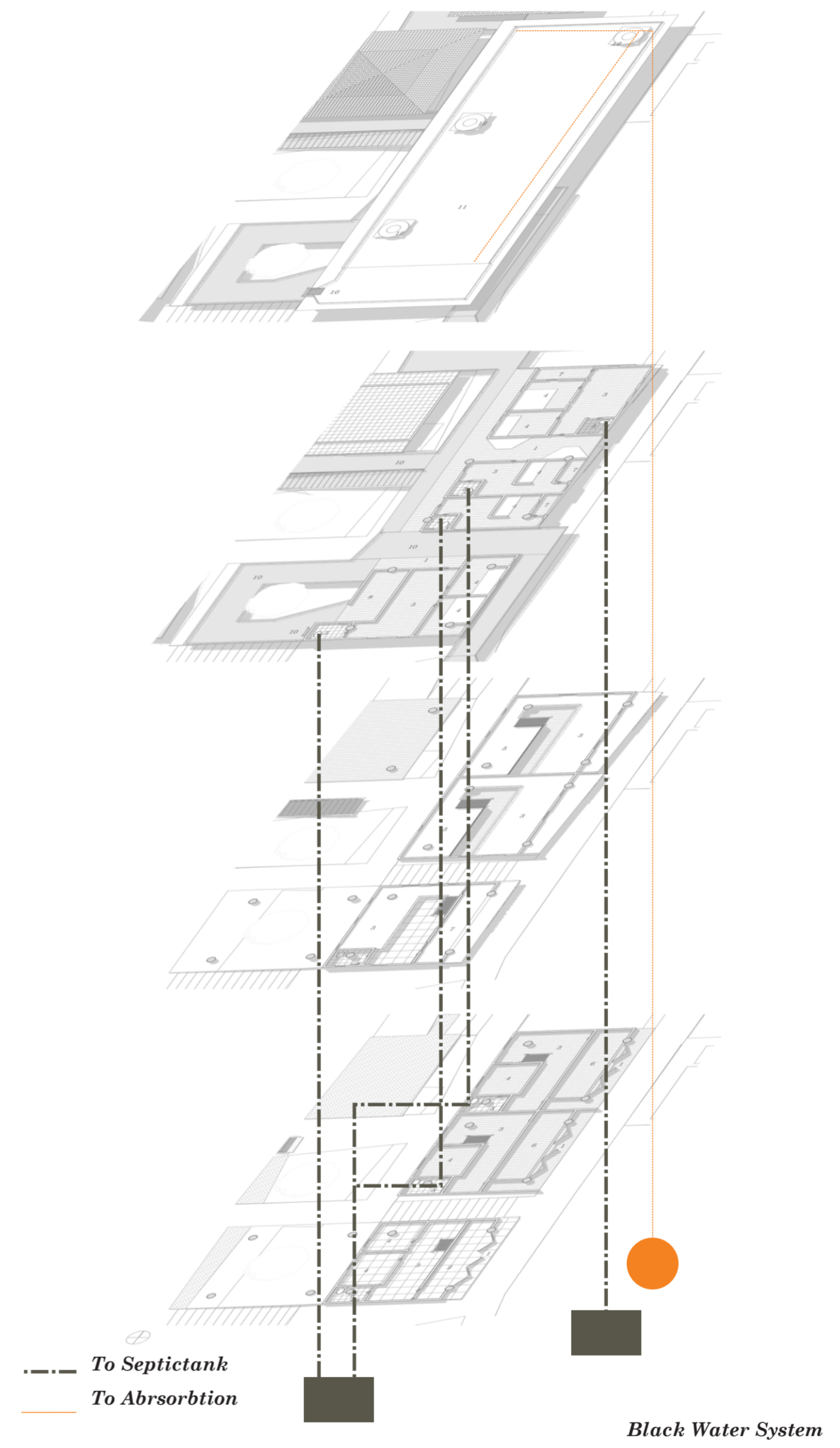
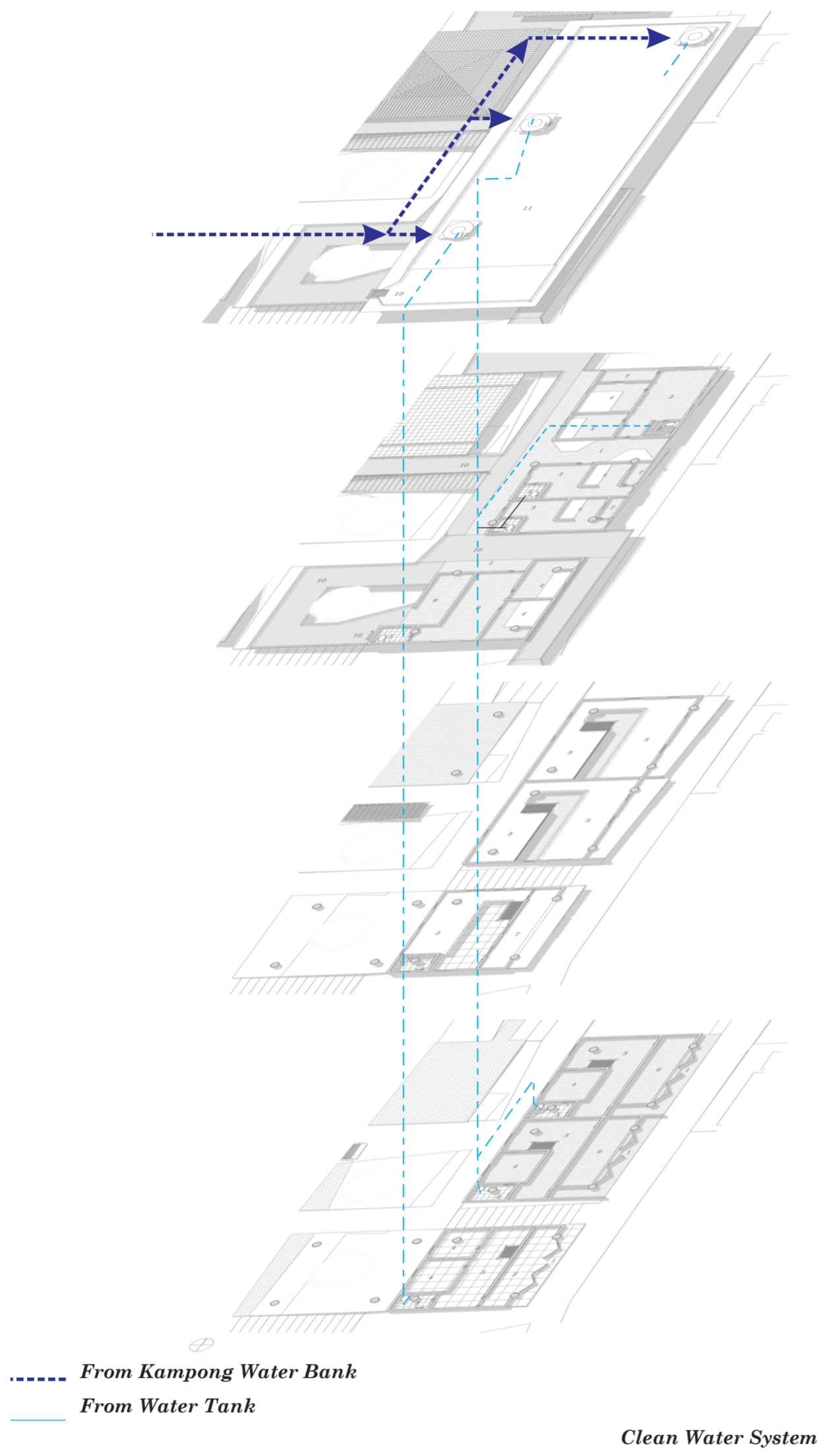


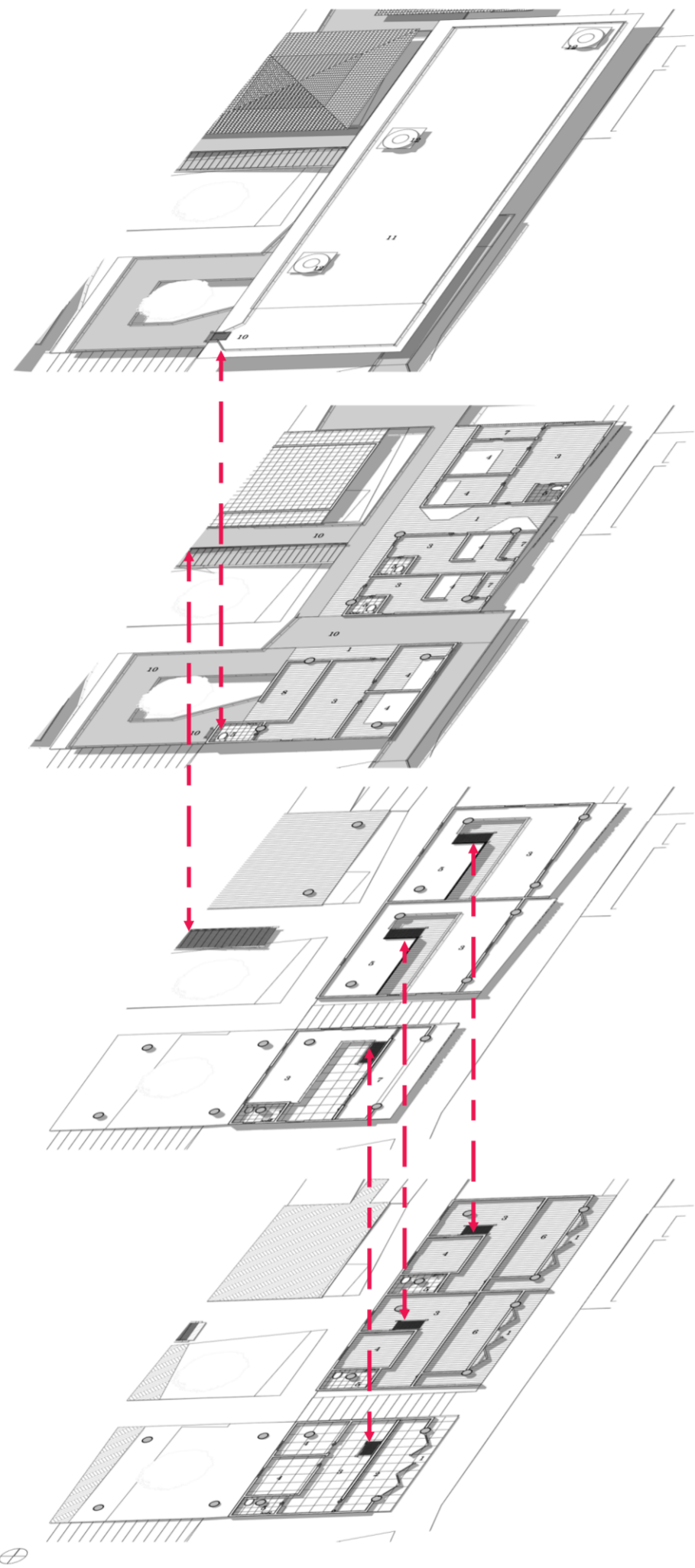
South View



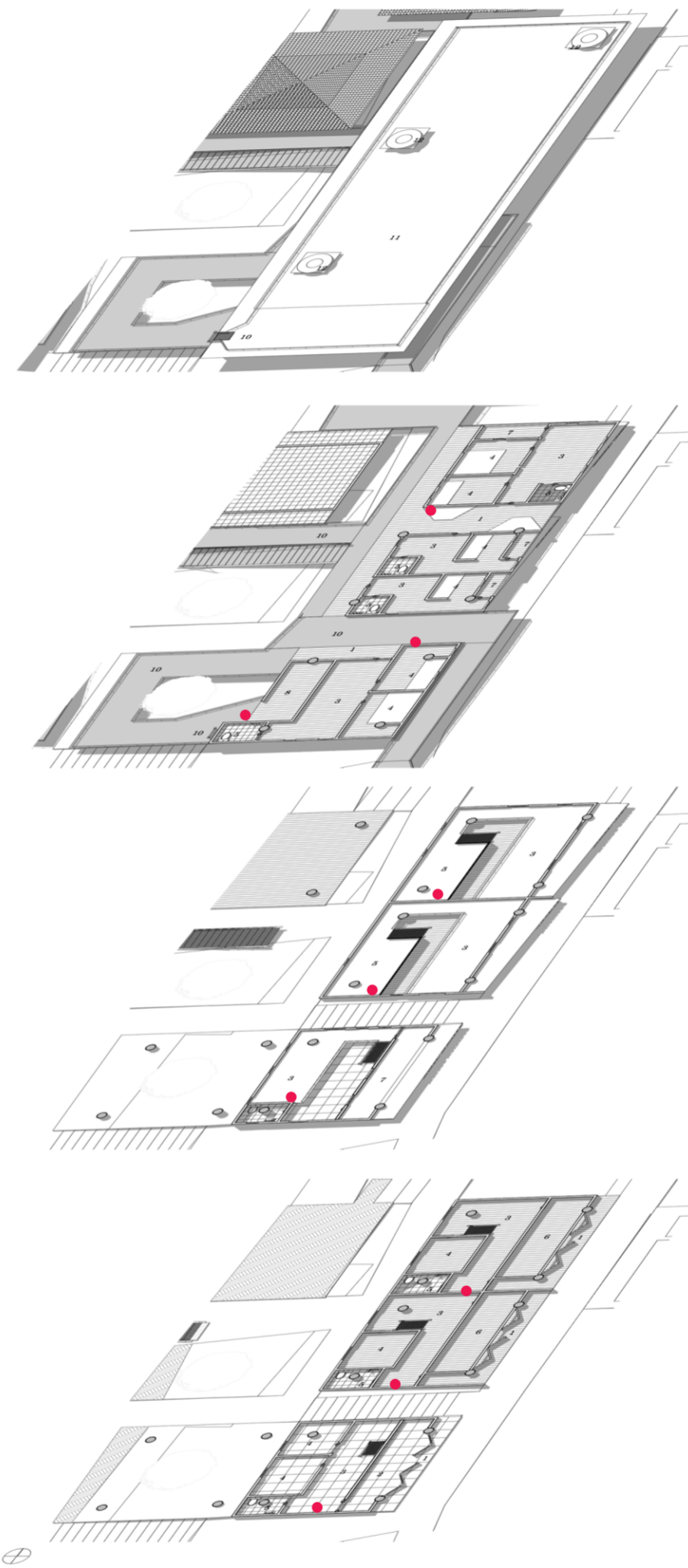
East View



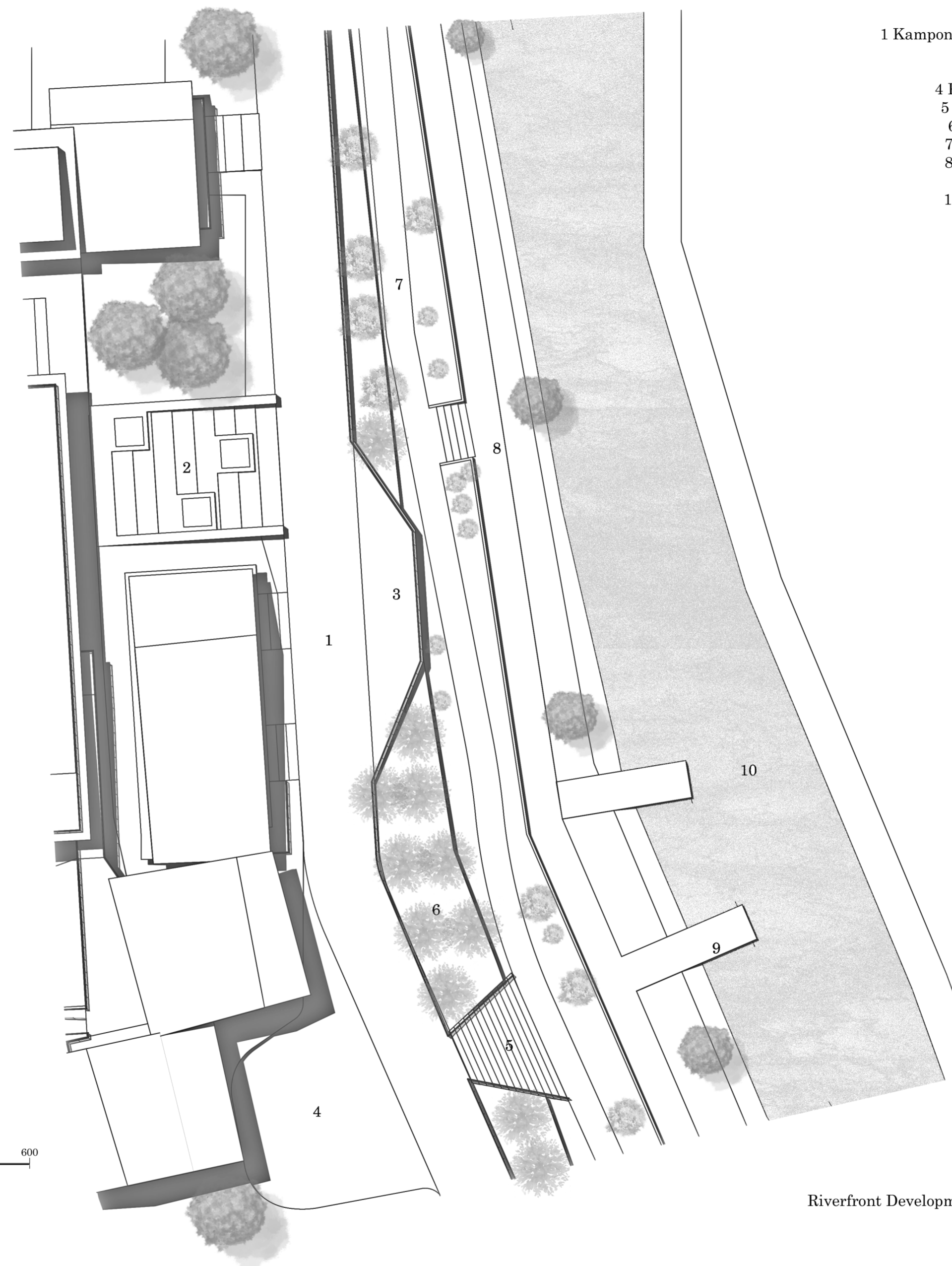




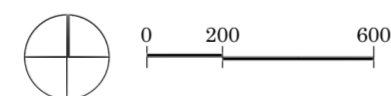
Vertical Access Rule



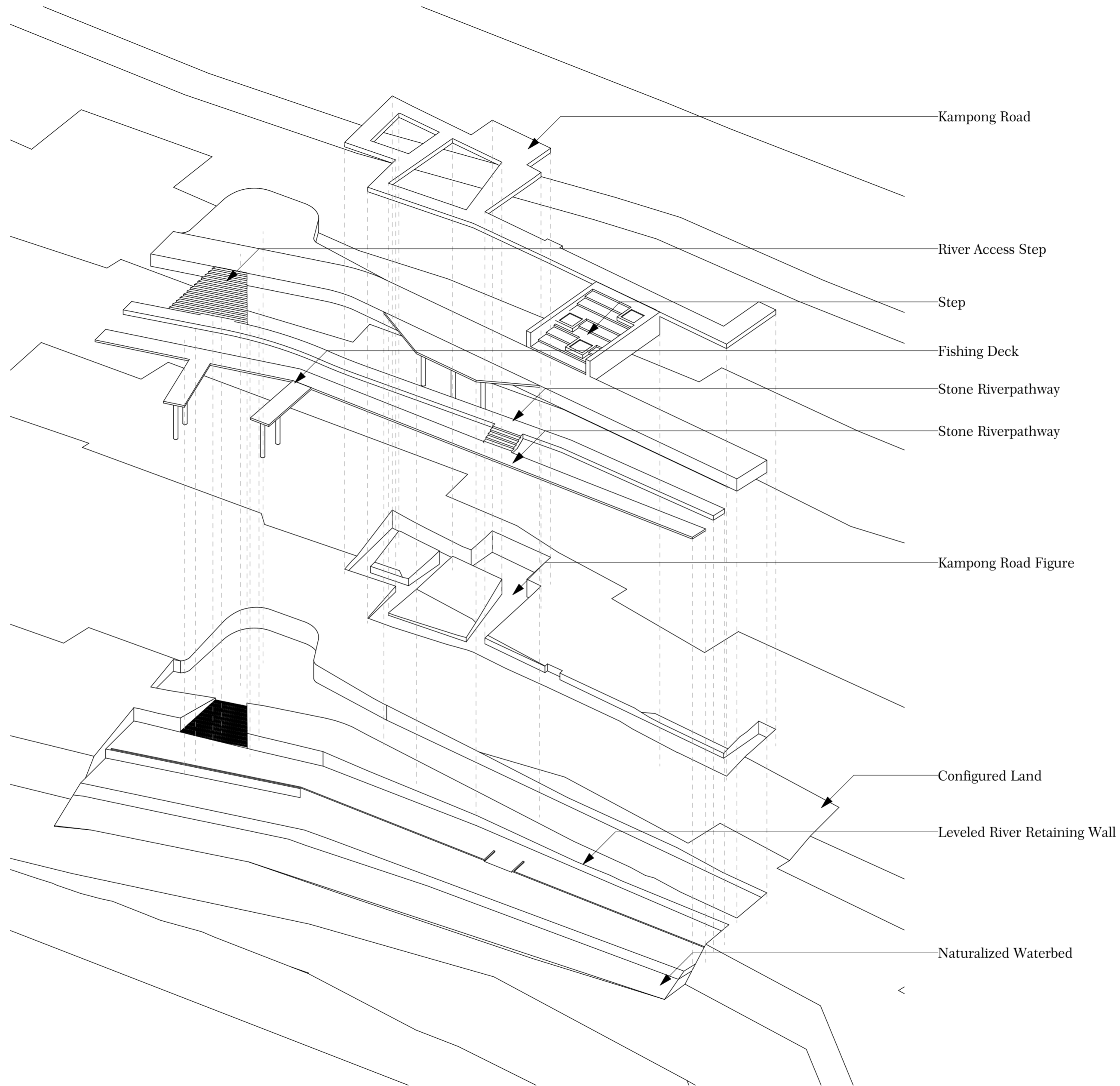
APAR Position



- 1 Kampong Main Road
- 2 Playstep
- 3 View Deck
- 4 Parking Area
- 5 River Access
- 6 River Trees
- 7 Riverwalk 1
- 8 Riverwalk 2
- 9 Riverdeck
- 10 Code River



Riverfront Development Plan



Exploded Riverside Landscape

