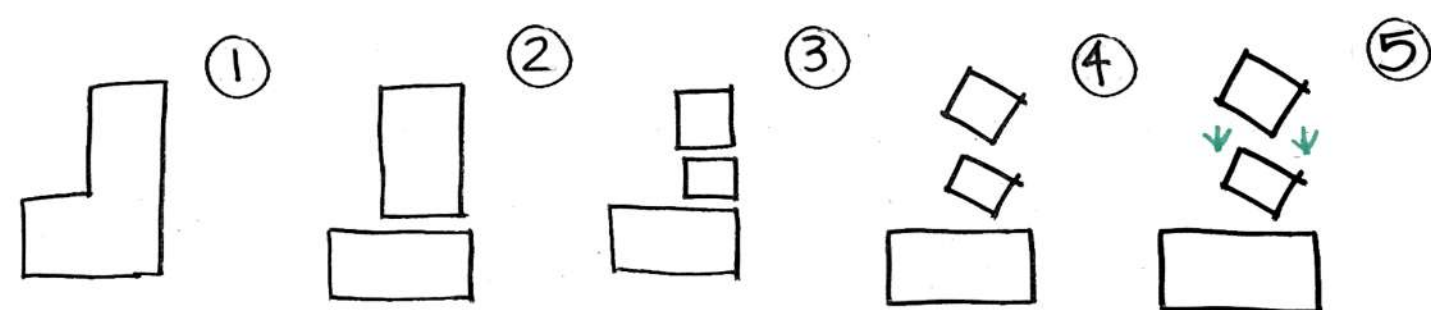


# THE BUDAFOK L



01 SITE PLAN 1:500

## THE CONCEPT



The concept was decided on creating a comfort office building containing commercial facilities on the ground floor which and relate to nature in a sustainable construction, to provide a calm and nice atmosphere for the workers.

This way, the first ideas were to use the site in a way to get as much as possible of sun lights and utilize inside courtyards to refer the surrounding of the very peaceful and connected to the environment.

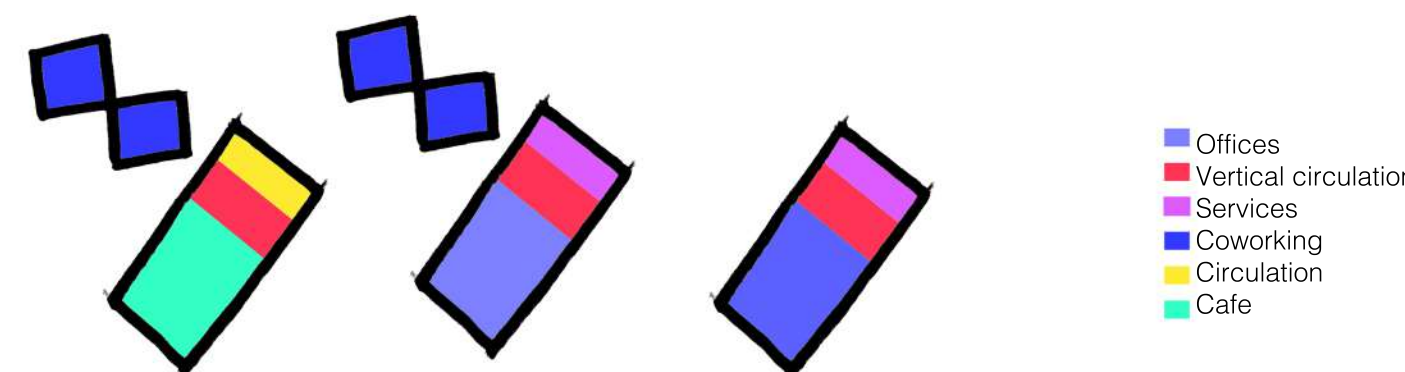
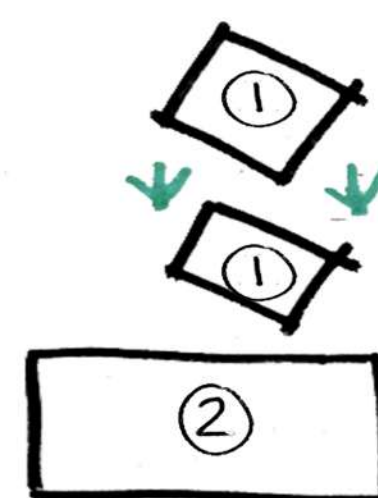
The project is divided into two parts:

The first is on the street elevation, which contains one rectangular building with two functions: on the ground floor café/bar area containing 60 sqm, and offices on 2 more levels that is going to be more detailed on the concept.

And the second part which is the two square shape offices with ground and first floor. Where it also has a courtyard as an open space area with exclusive usage for the offices and cafe bar.

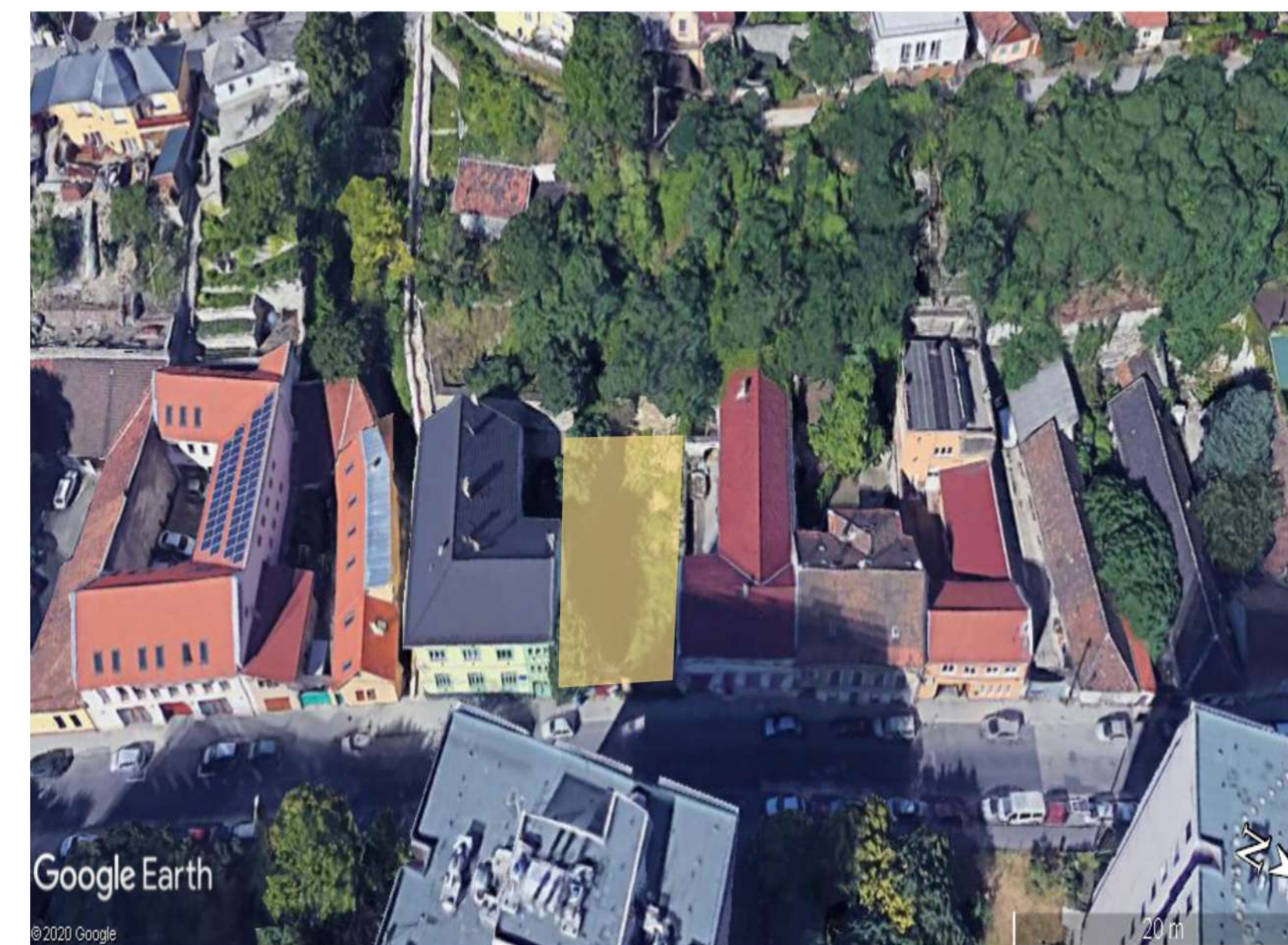
**Typology - Office 1:**  
The office area is divided into 2 square shaped building with ground and 1st floor, which each one of them contains 82 sqm. Connected to the courtyard and recreation area with easy access to the café area

**Typology - Office 2:**  
Containing 60sqm on the rectangular building, on the 1st and 2nd floor up to the café bar. The commercial zone to the street elevation and typology office 1 were distributed on the ground floor to create a relation to the courtyards that can be accessed by both functions and used as a recreational area.



02 SITE PLAN 1:200

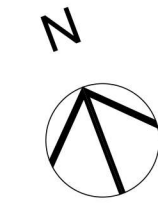
## THE AREA



The location of the site is in Budafok XXII district in Budapest, Hungary. This district is known for its location of winery and cellars. It is an area where it is very developed with some empty sites. The access by public transportation is easily reachable to the city center around 30 min. The area contains a very heavy traffic on the railway to south, and also on Kossuth Lajos utca, where the building is located. This way, since the collected data this street will turn into a pedestrian way and it provides an aspect of small town combined with the concept of sustainability. The main potentials of this area are the historical heritage, since the Torley (wine) winery/factory is located. It is also attractive on its potential nature surrounding in a child and environment friendly.

### PROJECT INFORMATION

SITE AREA: 696,56 SQM  
SITE USED AREA: 477,92 SQM  
BUILDING AREA: 530,16 SQM  
CONSTRUCTED AREA: 590,22 SQM

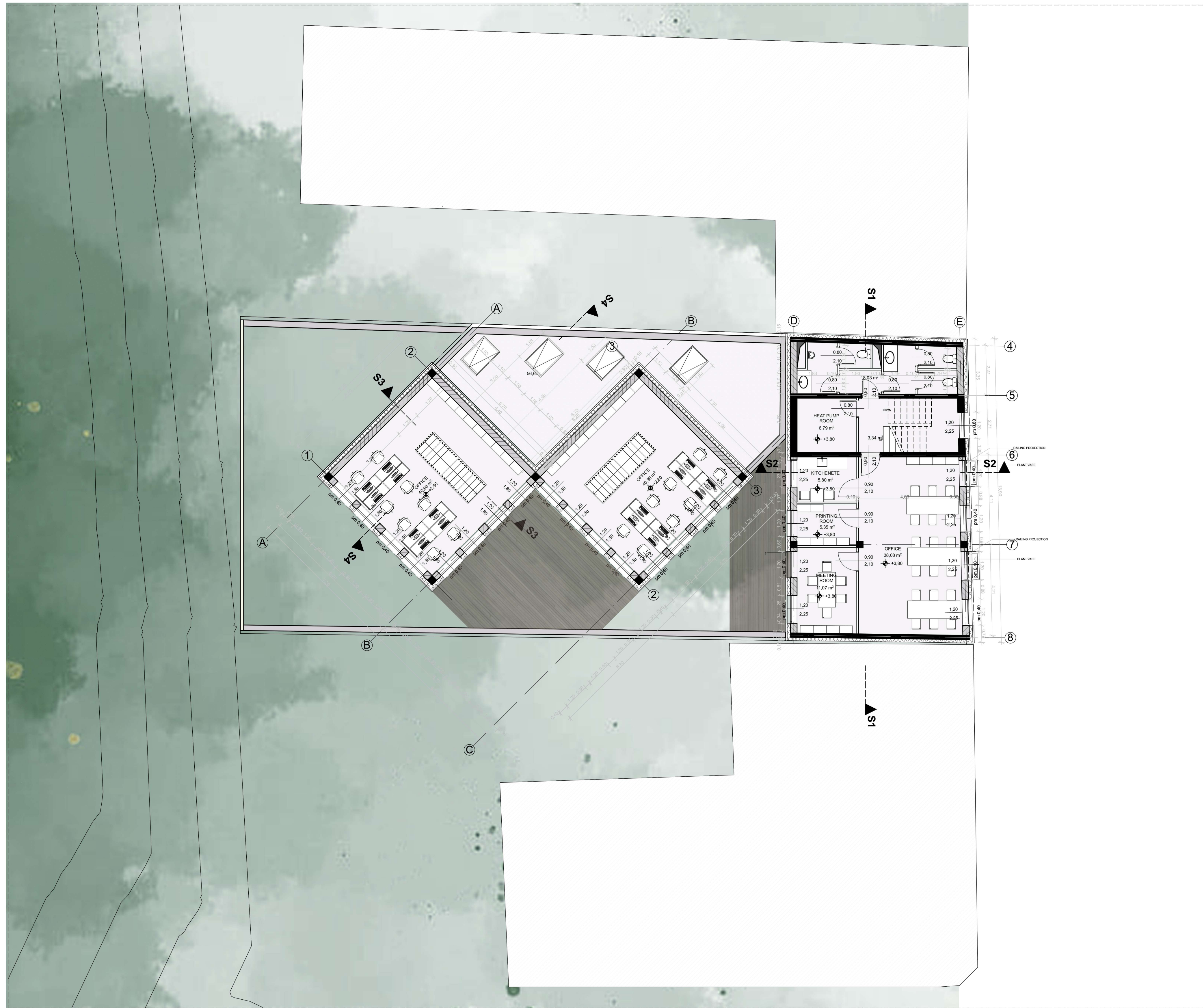
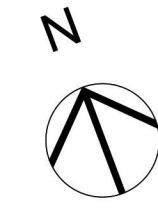


01 GROUND FLOOR  
1:100

LEGEND

- DRY WALL
- HOLLOW BLOCK WALL
- R.C WALL
- GRASS

PROJECT INFORMATION
CAFE AREA: 60,12 SQM
OFFICE AREA: 41,59 SQM
RELAXING AREA: 40,09 SQM



01 FIRST FLOOR  
1:100

LEGEND

- DRY WALL
- HOLLOW BLOCK WALL
- R.C WALL
- GRASS

STUDENT:  
NATALIE LAFAYETTE SAMPAIO - JO49DF

PROJECT:  
THE BUDAFOK L

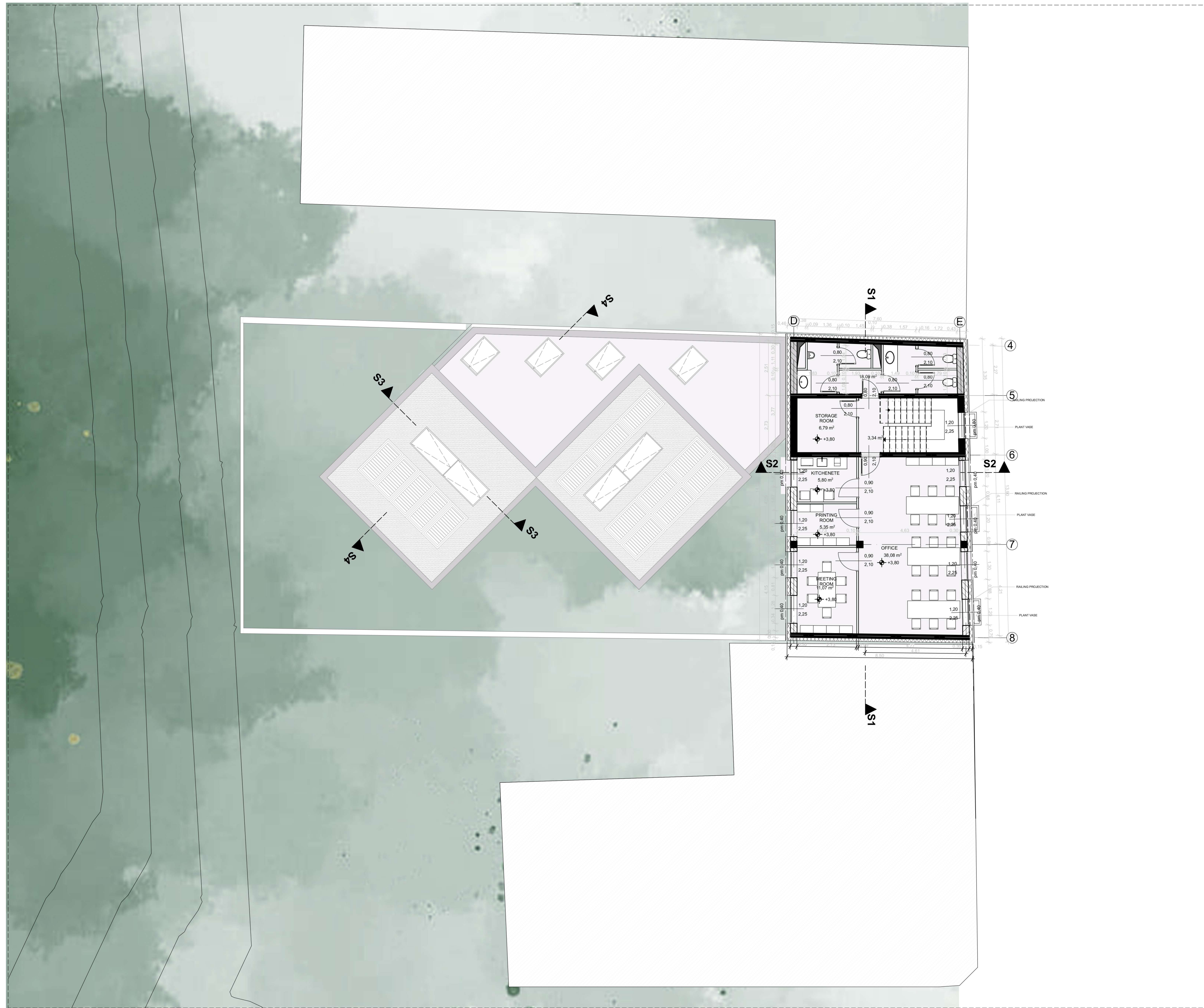
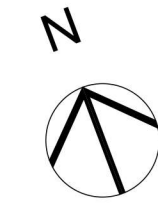
SUBJECT:  
DIPLOMA

SEMESTER:  
FALL 2020-2021 /2

CONTENT:  
FIRST FLOOR

SCALE:  
1:100

DATE:  
DECEMBER 2020



01 SECOND FLOOR  
1:100

**LEGEND**

	DRY WALL		HOLLOW BLOCK WALL		R.C WALL		GRASS
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STUDENT:  
NATALIE LAFAYETTE SAMPAIO - JO49DF

PROJECT:  
THE BUDAFOK L

SUBJECT:  
DIPLOMA

SEMESTER:  
FALL 2020-2021 /2

CONTENT:  
**SECOND FLOOR**

SCALE:  
1:100

DATE:  
DECEMBER 2020



01 ————— ELEVATION SOUTHERN  
1:100



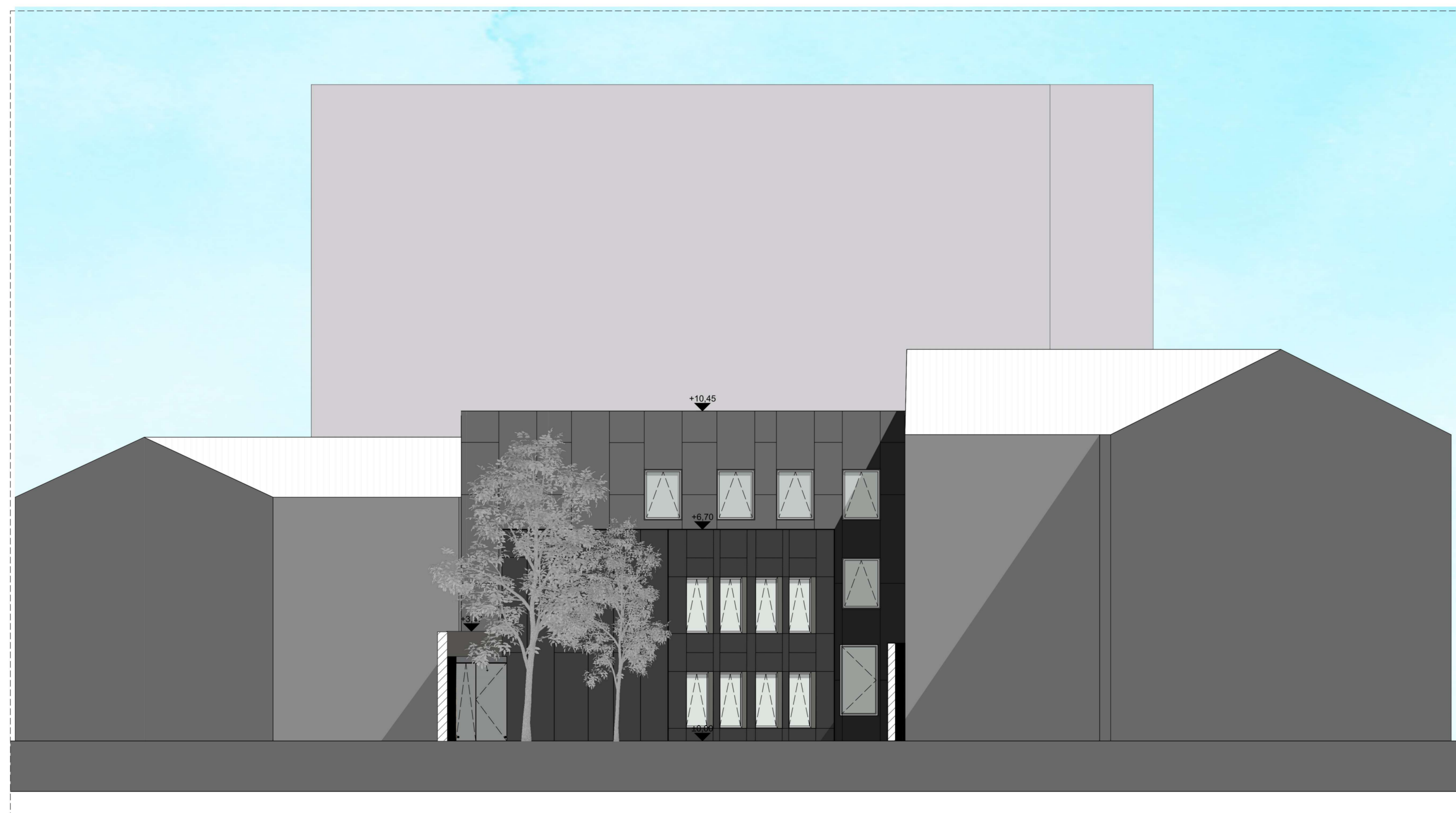
02 ————— ELEVATION NORTHERN  
1:100

LEGEND

- DRY WALL
- HOLLOW BLOCK WALL
- R.C WALL
- GRASS



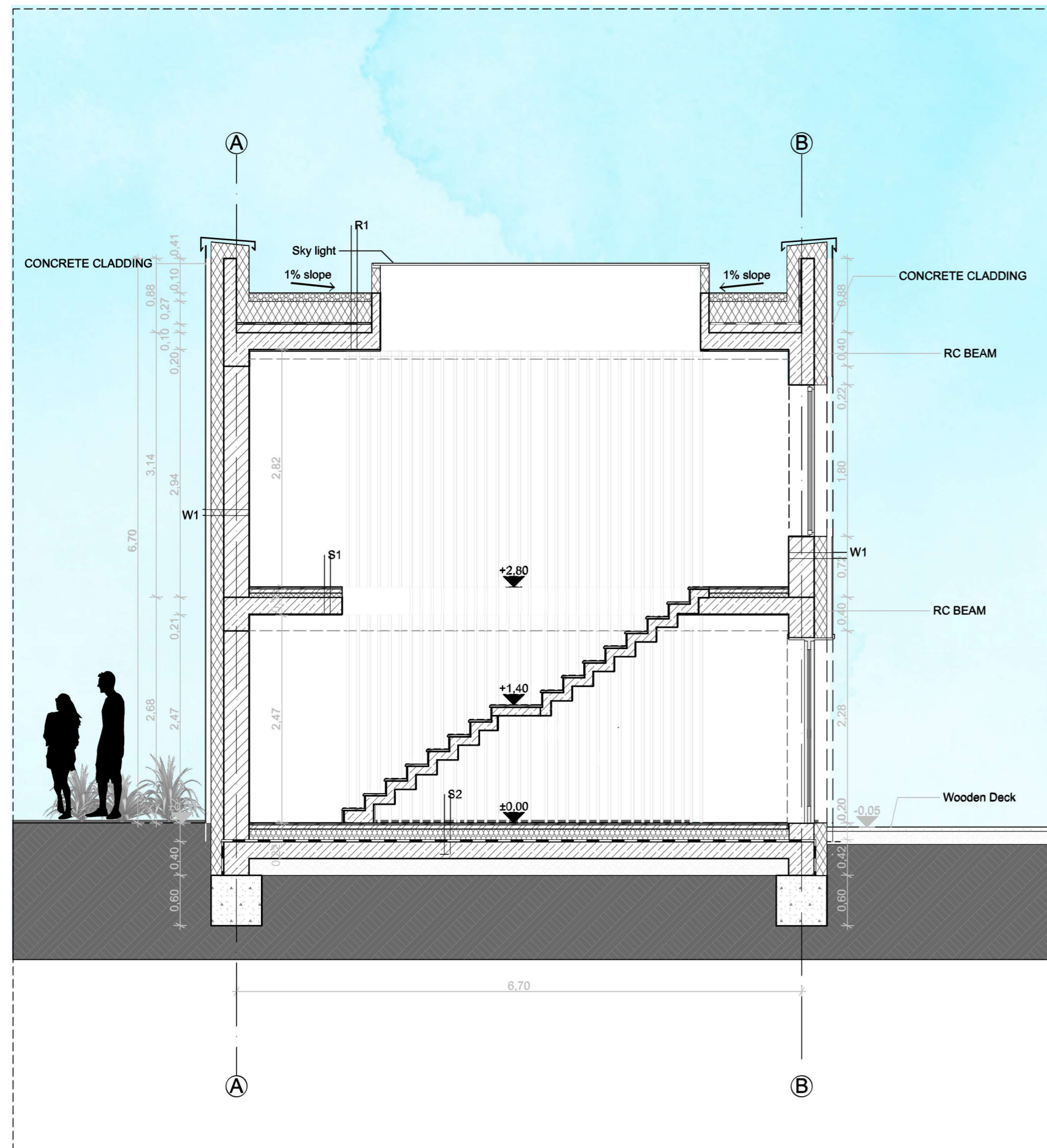
01 ELEVATION EASTERN  
1:100



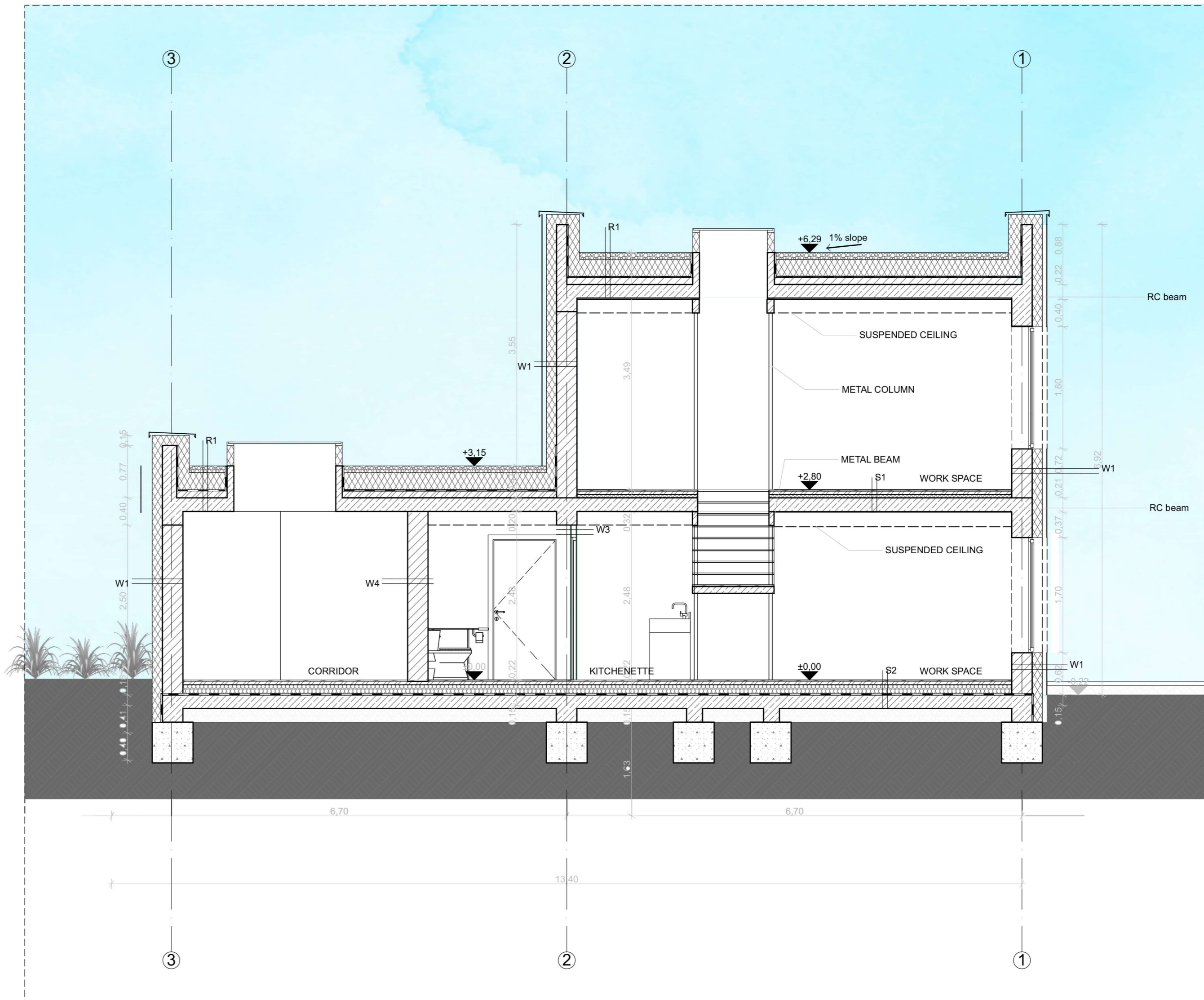
02 ELEVATION WESTERN  
1:100

LEGEND

- DRY WALL
- HOLLOW BLOCK WALL
- R.C WALL
- GRASS



01 SECTION S3  
1:50



02 SECTION S4  
1:50

**WALL LAYERING**

**W1- VENTILATED FACADE**  
30 CM HOLLOW BLOCK  
16 CM THERMAL INSULATION  
3 CM AIRGAP  
13 MM CONCRETE CLADDING

**W2- STRUCTURAL RC WALL**  
1,5 CM PLASTER  
20 CM R.C WALL  
1,5 CM PLASTER

**W3- PARTITION WALL**  
3CM GYPSUM BOARD  
4 CM GAP  
3CM GYPSUM BOARD

**W4- MASONRY WALL**  
1,5 CM PLASTER  
30 CM HOLLOW BLOCK  
1,5 CM PLASTER

**W5- PARTITION WALL**  
GYPSUM BOARD AND  
GLASS WALL  
3 CM GLASS WALL

**FLOOR LAYERING**

**R1 - FLAT ROOF**  
20 CM RC SLAB  
1 CM VAPOUR BARRIER  
6 CM CONCRETE SCREED  
1 DPC LAYER  
25 CM XPS  
10 CM GRAVEL

**S1 - FLOATING FLOOR**  
20 CM RC SLAB  
5 CM MINERAL WOOL  
6 CM CONCRETE SCREED  
2 CM WOODEN FLOORING

**S2 - FLOATING FLOOR**  
20 CM RC SLAB  
1 DPC LAYER  
15 CM EPS  
5 CM CONCRETE SCREED  
2 CM WOODEN FLOORING

**LEGEND**

- REINFORCED CONCRETE
- HOLLOW BLOCK WALL
- THERMAL INSULATION
- GRAVEL
- CONCRETE BLOCK
- CONCRETE
- FLOOR FINISHING
- SOUND INSULATION
- WATERPROOFING
- EARTH

**WALL LAYERING**

**W1- VENTILATED FACADE**  
 30 CM HOLLOW BLOCK  
 16 CM THERMAL INSULATION  
 3 CM AIRGAP  
 13 MM CONCRETE CLADDING

**W2- STRUCTURAL RC WALL**  
 1,5 CM PLASTER  
 20 CM R.C WALL  
 1,5 CM PLASTER

**W3- PARTITION WALL**  
 3CM GYPSUM BOARD  
 4 CM GAP  
 3CM GYPSUM BOARD

**W4- MASONRY WALL**  
 1,5 CM PLASTER  
 30 CM HOLLOW BLOCK  
 1,5 CM PLASTER

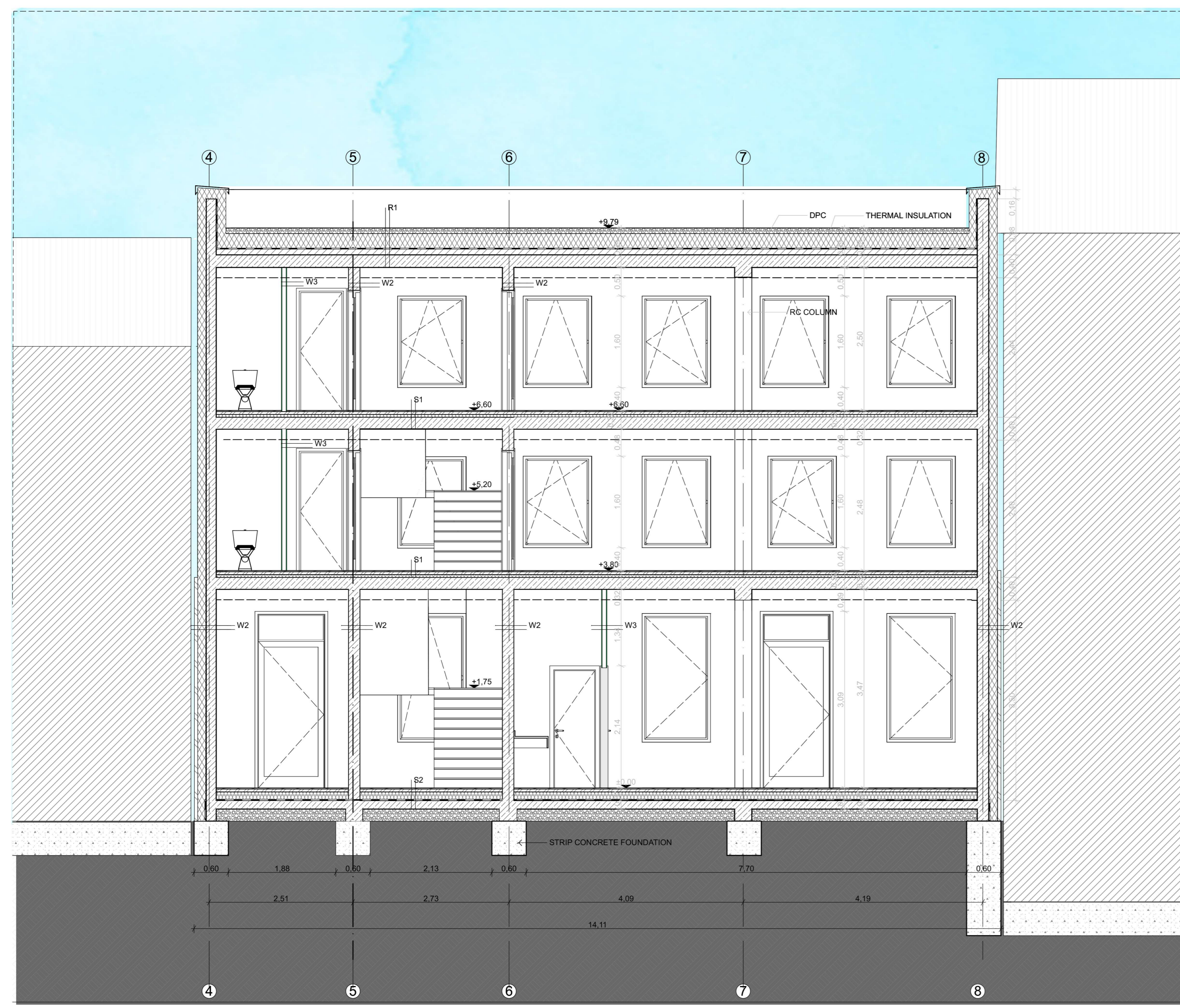
**W5- PARTITION WALL**  
 GYPSUM BOARD AND  
 GLASS WALL  
 3 CM GLASS WALL

**FLOOR LAYERING**

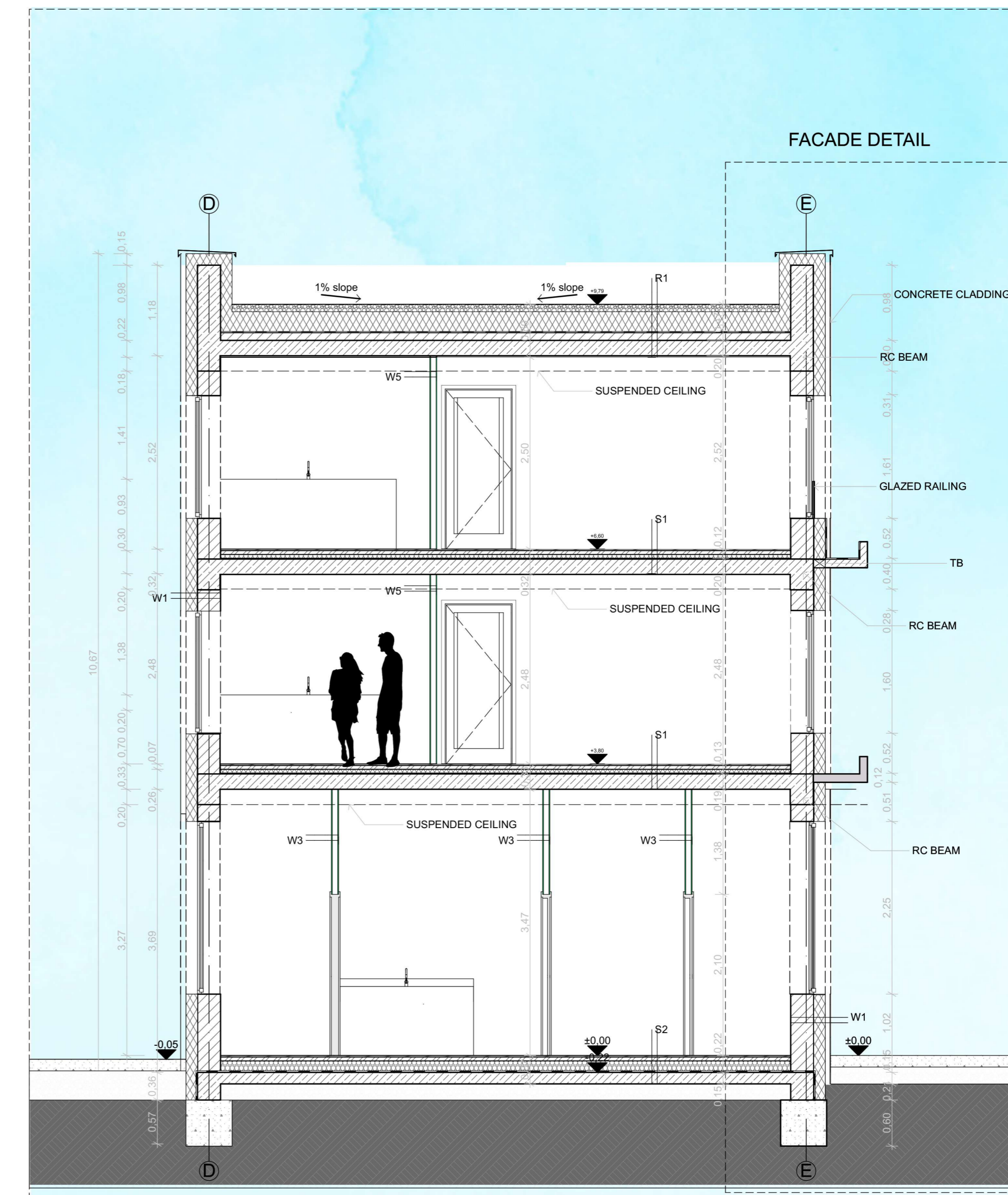
**R1 - FLAT ROOF**  
 20 CM RC SLAB  
 1 CM VAPOUR BARRIER  
 6 CM CONCRETE SCREED  
 1 DPC LAYER  
 25 CM XPS  
 10 CM GRAVEL

**S1 - FLOATING FLOOR**  
 20 CM RC SLAB  
 5 CM MINERAL WOOL  
 6 CM CONCRETE SCREED  
 2 CM WOODEN FLOORING

**S2 - FLOATING FLOOR**  
 20 CM RC SLAB  
 1 DPC LAYER  
 15 CM EPS  
 5 CM CONCRETE SCREED  
 2 CM WOODEN FLOORING



01 SECTION S1  
1:50

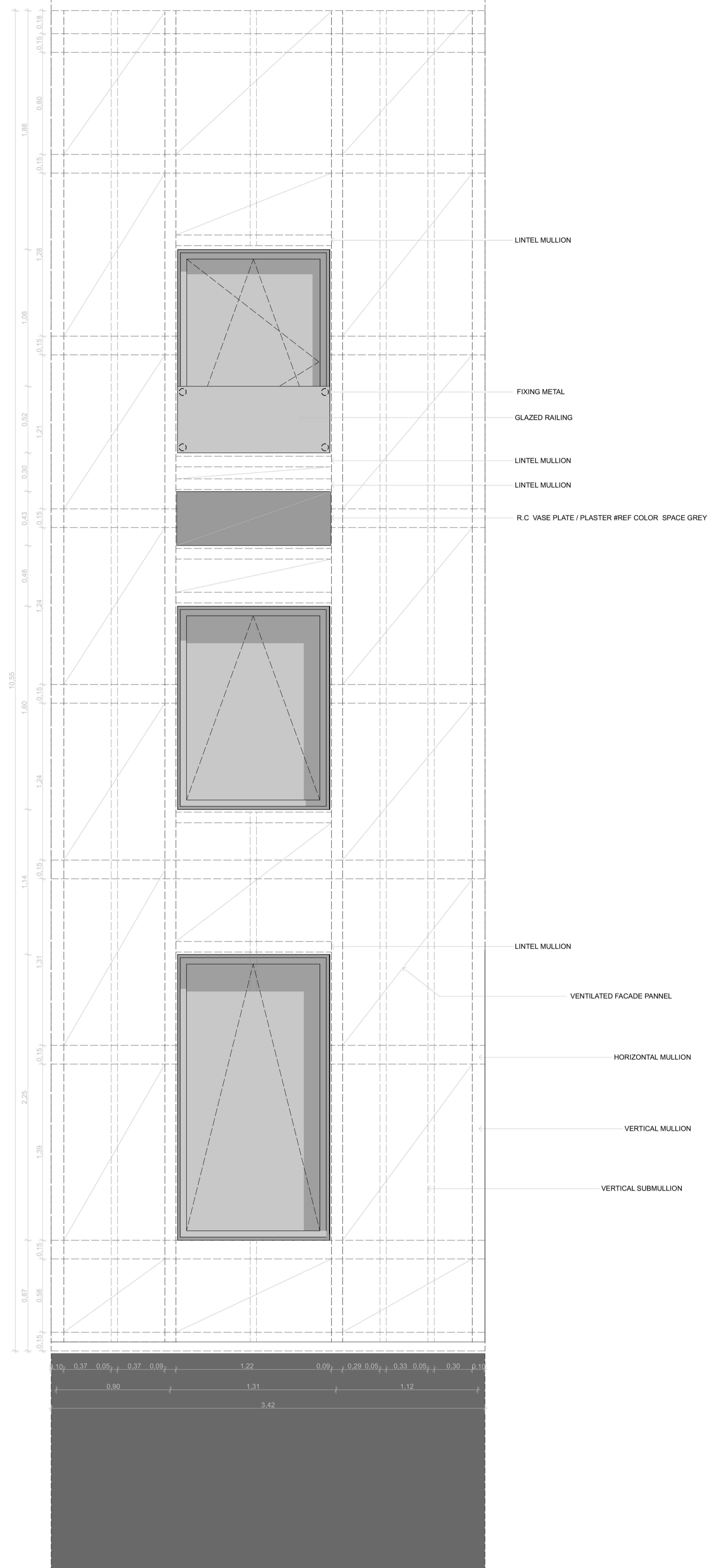
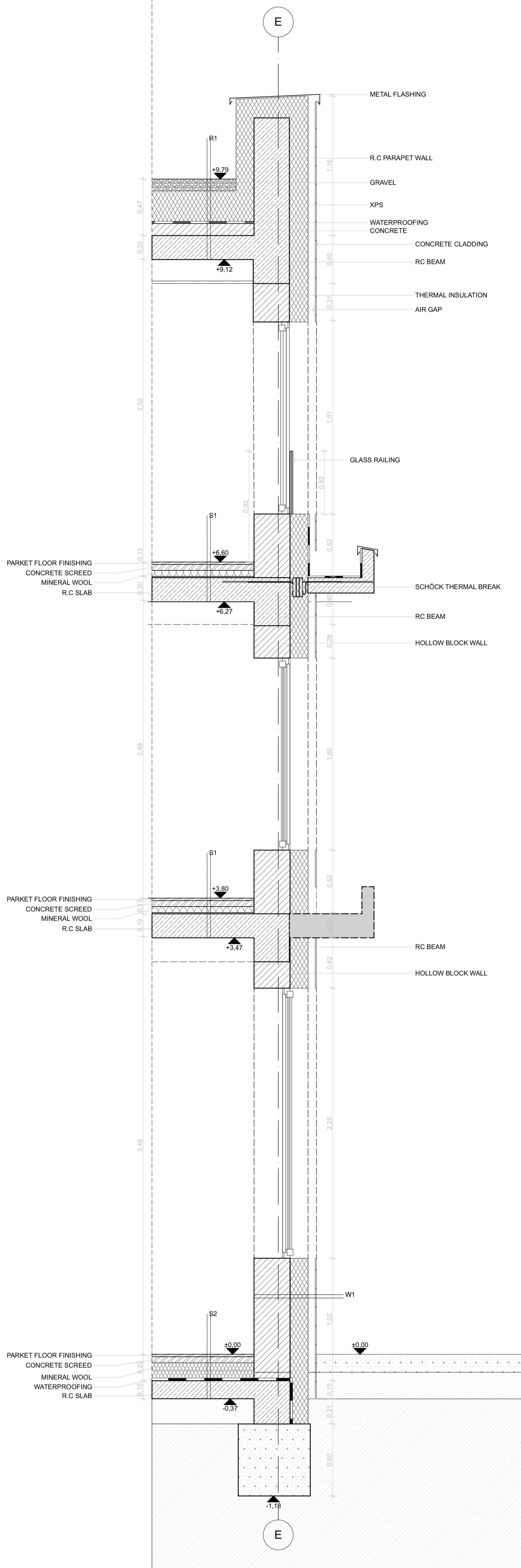


02 SECTION S2  
1:50

**LEGEND**

	REINFORCED CONCRETE		HOLLOW BLOCK WALL		THERMAL INSULATION		GRAVEL		CONCRETE BLOCK		CONCRETE		FLOOR FINISHING		SOUND INSULATION		WATERPROOFING		EARTH
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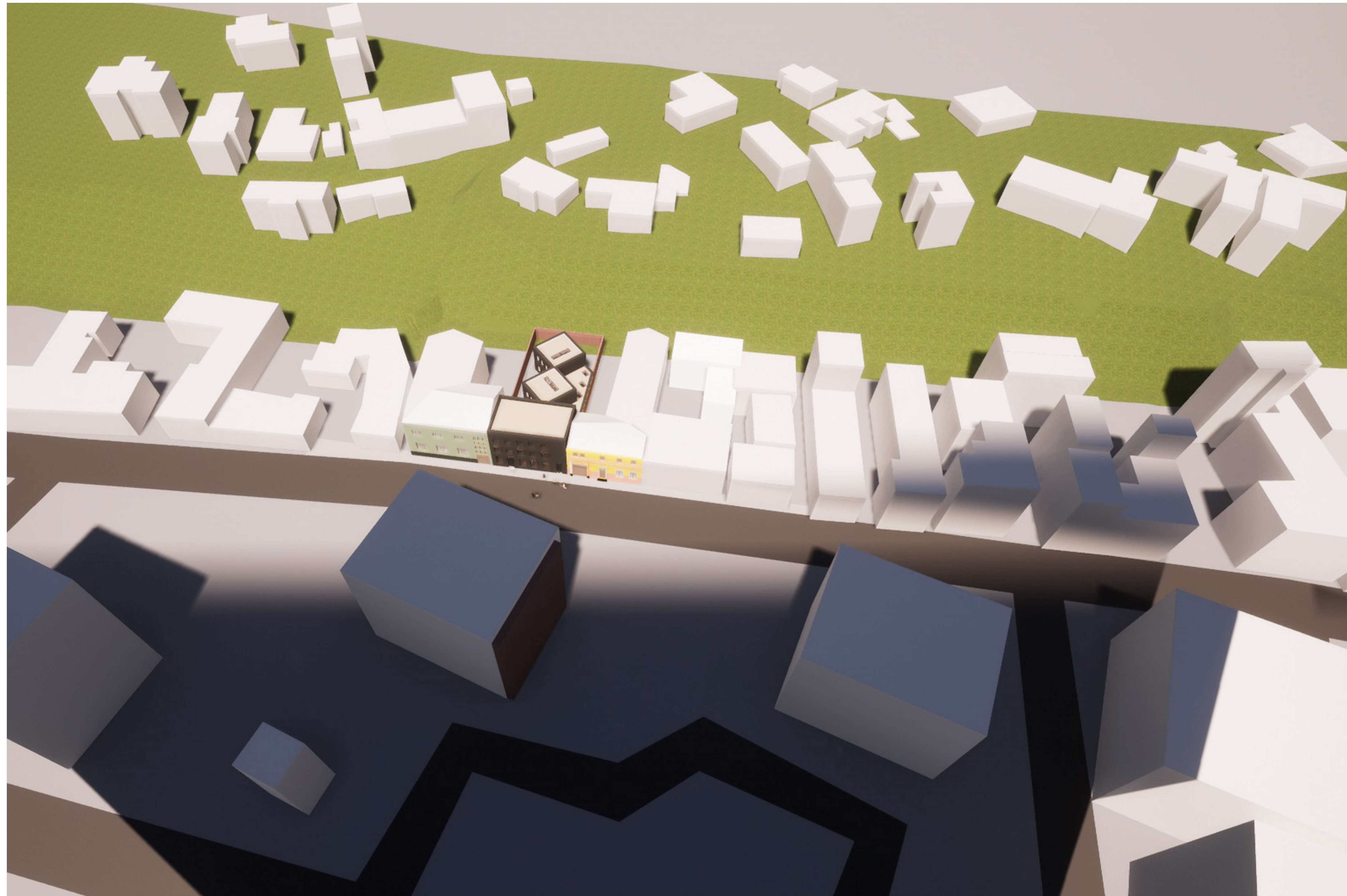




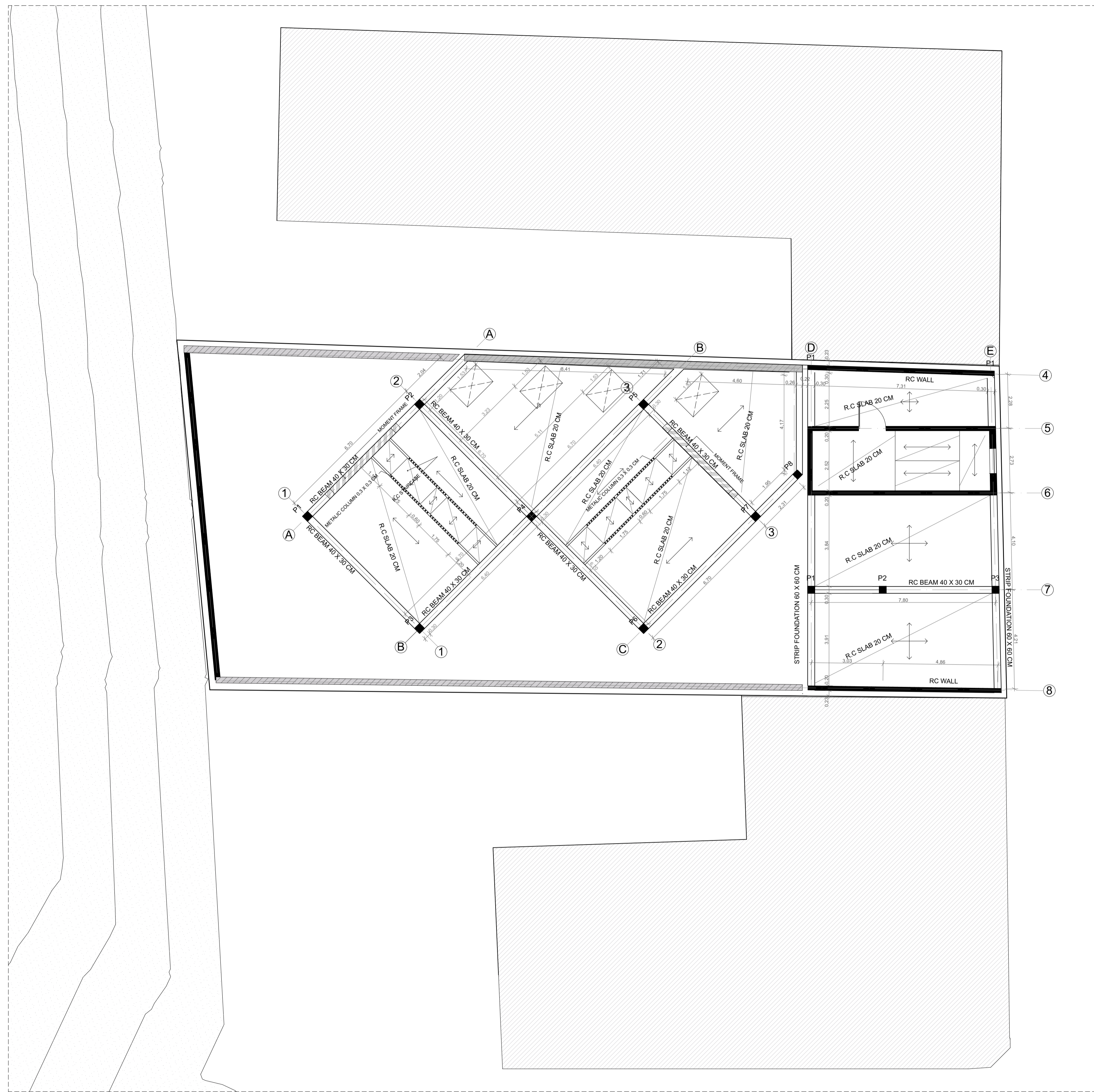
01 FACADE COMPOSITION 1:20

<b>W1 - VENTILATED FACADE</b> 30 CM HOLLOW BLOCK 16 CM THERMAL INSULATION 3 CM AIRGAP 13 MM CONCRETE CLADDING	<b>W2 - STRUCTURAL RC WALL</b> 1.5 CM PLASTER 20 CM REINFORCED CONCRETE WALL 1.5 CM PLASTER	<b>W3 - PARTITION WALL</b> 3CM GYPSUM BOARD 4 CM GAP 3CM GYPSYM BOARD	<b>W4 - MASONRY WALL</b> 1.5 CM PLASTER 30 CM HOLLOW BLOCK 1.5 CM PLASTER	<b>W5 - PARTITION WALL</b> GYPSUM BOARD AND GLASS WALL 3 CM GLASS WALL	<b>R1 - FLAT ROOF</b> 20 CM RC SLAB 1 CM VAPOUR BARRIER 6 CM CONCRETE SCREED 1 DPC LAYER 25 CM XPS 10 CM GRAVEL	<b>S2 - FLOATING FLOOR</b> 20 CM RC SLAB 1 DPC LAYER 15 CM EPS 5 CM CONCRETE SCREED 2 CM WOODEN FLOORING	<b>S1 - FLOATING FLOOR</b> 20 CM RC SLAB 5 CM MINERAL WOOL 6 CM CONCRETE SCREED 2 CM WOODEN FLOORING
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REINFORCED CONCRETE	HOLLOW BLOCK WALL	THERMAL INSULATION	GRAVEL	CONCRETE BLOCK	CONCRETE	FLOOR FINISHING	SOUND INSULATION	WATERPROOFING
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01 FOUNDATION PLAN  
1:100

LEGEND

- DRY WALL
- HOLLOW BLOCK WALL
- R.C WALL
- GRASS

STUDENT:  
NATALIE LAFAYETTE SAMPAIO - JO49DF

PROJECT:  
THE BUDAFOK L

SUBJECT:  
DIPLOMA

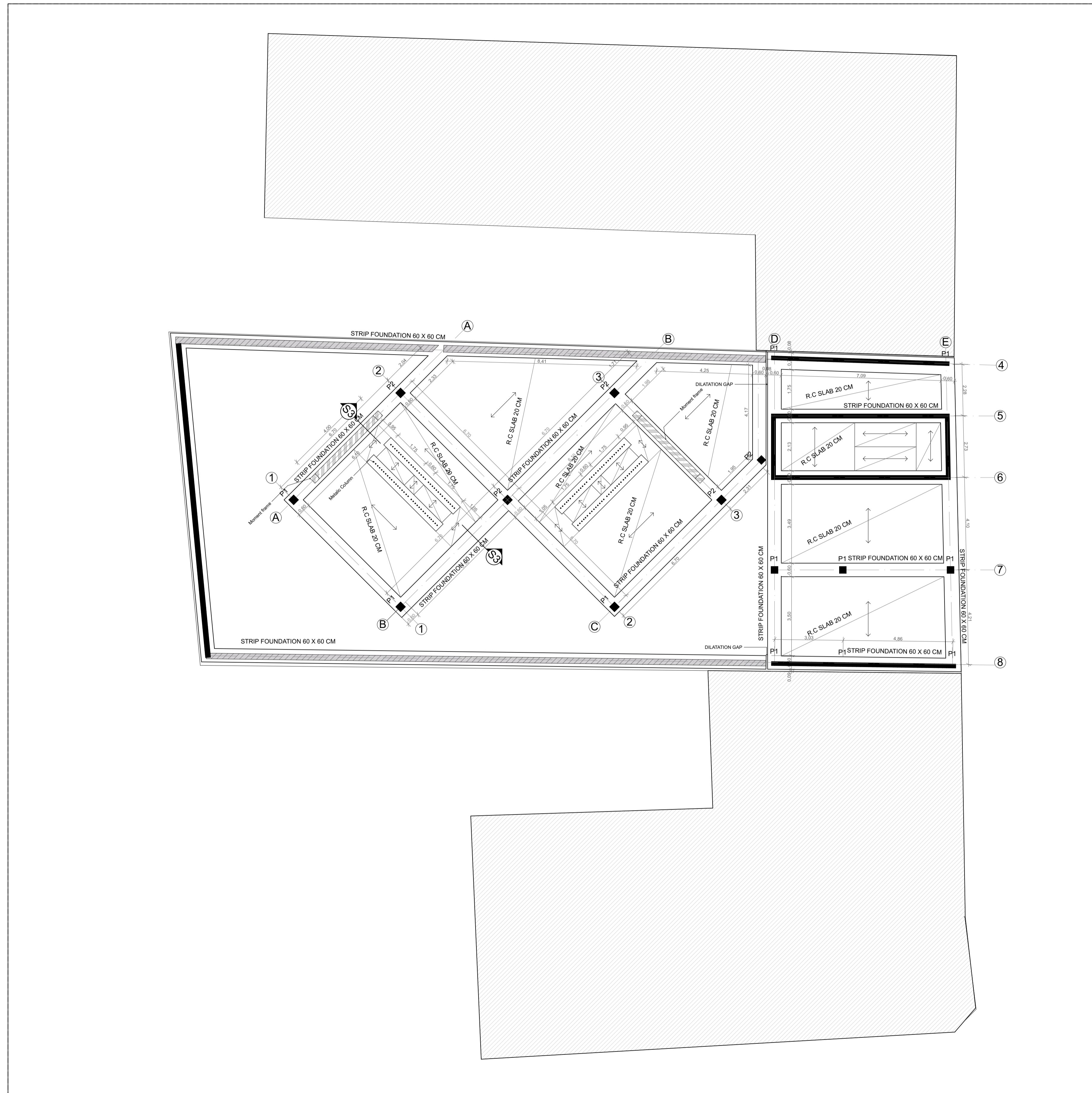
SEMESTER:  
FALL 2020-2021 /2

CONTENT:  
FOUNDATION PLAN

SCALE:  
1:100

DATE:  
DECEMBER 2020

CONSULTANTS:  
SZABO ARPAD  
SZIRKA CSABA  
HUNYADI ZOLTAN  
ISTVAN VIDOVSKY



01 GROUND FLOOR FOUNDATION PLAN  
1:100

LEGEND

- DRY WALL
- HOLLOW BLOCK WALL
- R.C. WALL
- GRASS

STUDENT:  
NATALIE LAFAYETTE SAMPAIO - JO49DF

PROJECT:  
THE BUDAFOK L

SUBJECT:  
DIPLOMA

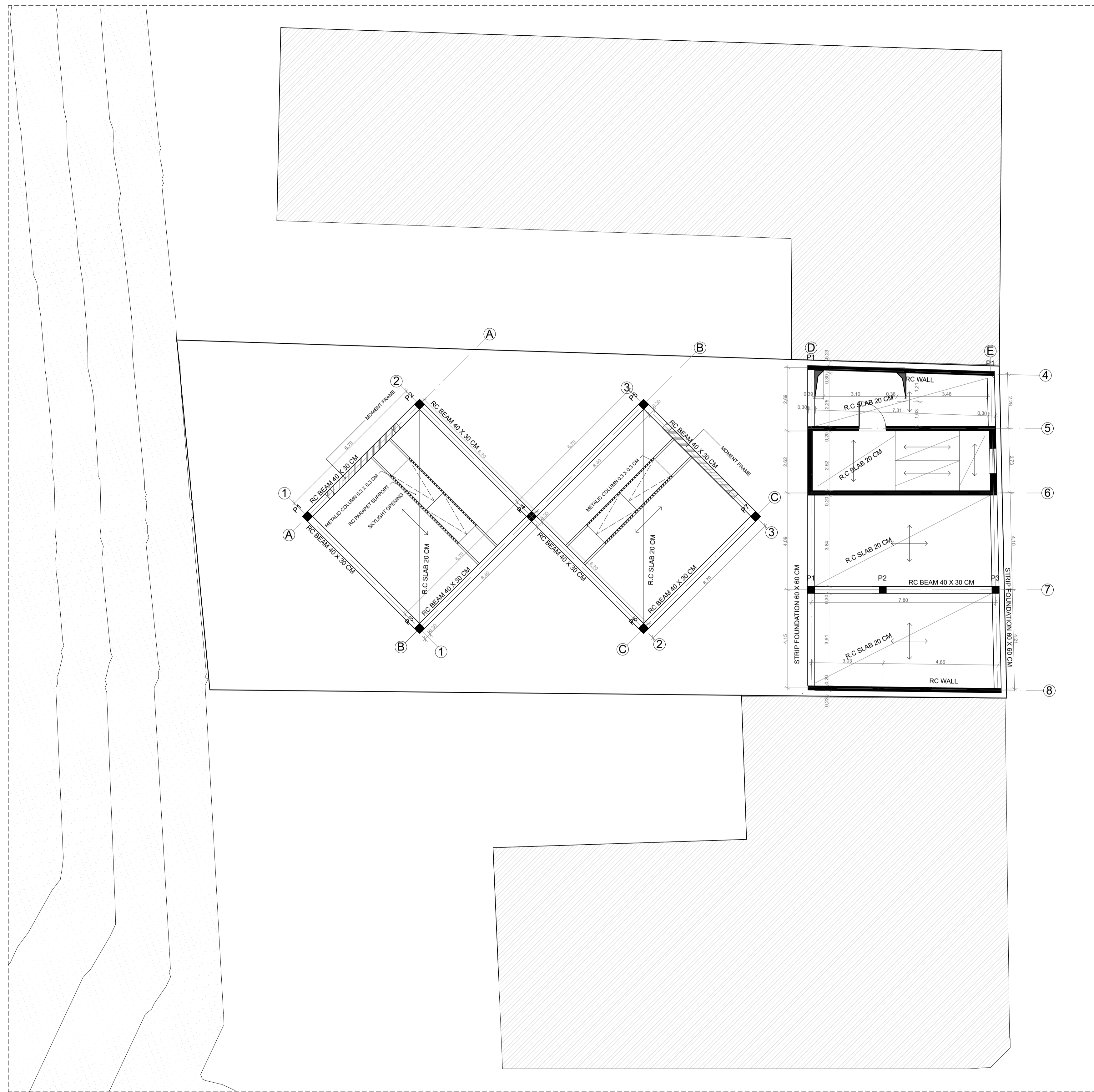
SEMESTER:  
FALL 2020-2021 /2

CONTENT:  
GROUND STRUCTURAL PLAN

SCALE:  
1:100

DATE:  
DECEMBER 2020

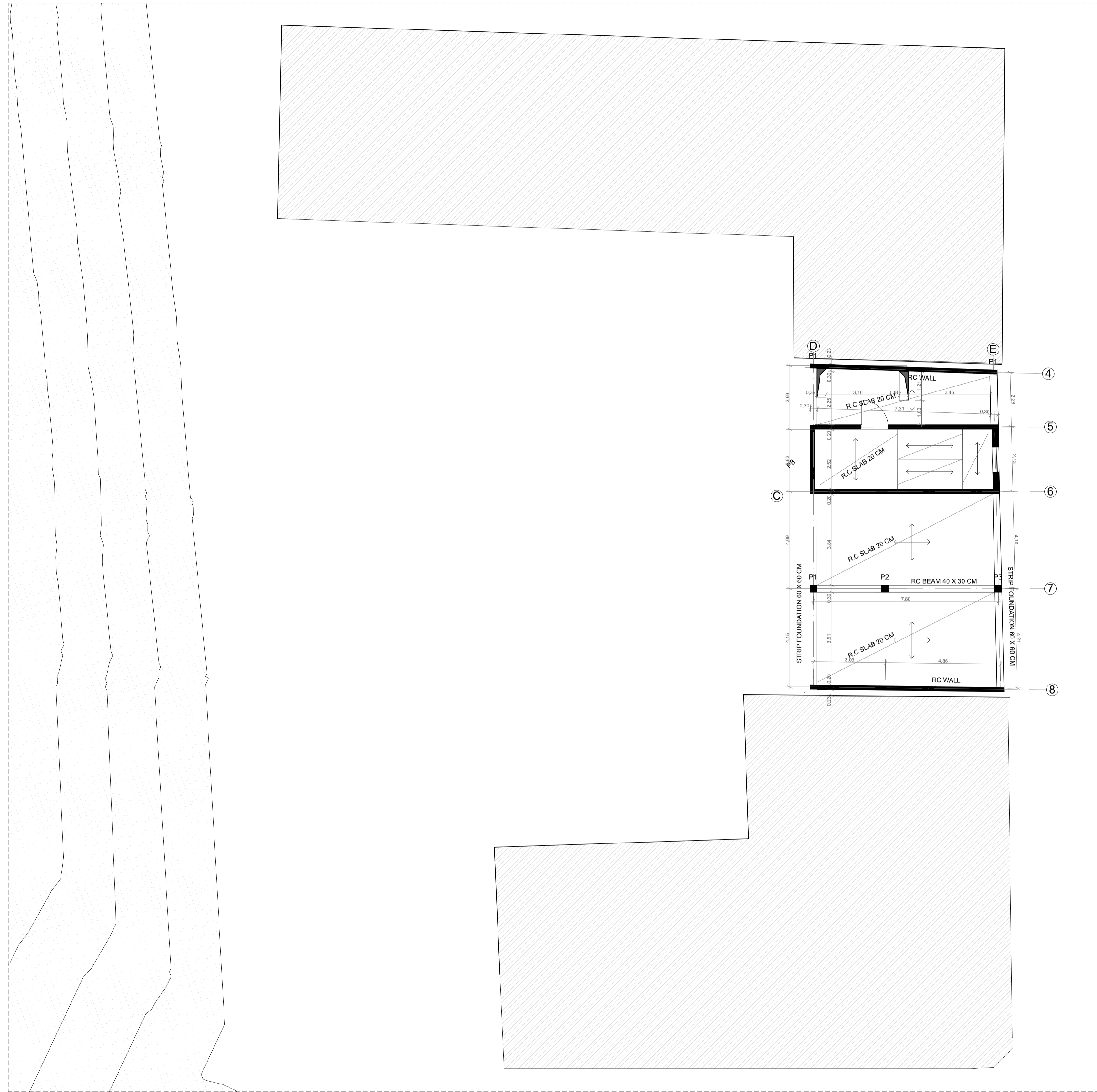
CONSULTANTS:  
SZABO ARPAD  
SZIRKA CSABA  
HUNYADI ZOLTAN  
ISTVAN VIDOVSKY



01 1ST FLOOR  
1:100

**LEGEND**

	DRY WALL		HOLLOW BLOCK WALL		R.C WALL		GRASS
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01 2ND FLOOR  
1:100

LEGEND

- DRY WALL
- HOLLOW BLOCK WALL
- R.C WALL
- GRASS

STUDENT:  
NATALIE LAFAYETTE SAMPAIO - JO49DF

PROJECT:  
THE BUDAFOK L

SUBJECT:  
DIPLOMA

SEMESTER:  
FALL 2020-2021 /2

CONTENT:  
**STRUCTURAL PLAN 2ND**

SCALE:  
1:100

DATE:  
DECEMBER 2020

CONSULTANTS:  
SZABO ARPAD  
SZIRKA CSABA  
HUNYADI ZOLTAN  
ISTVAN VIDOVSKY