

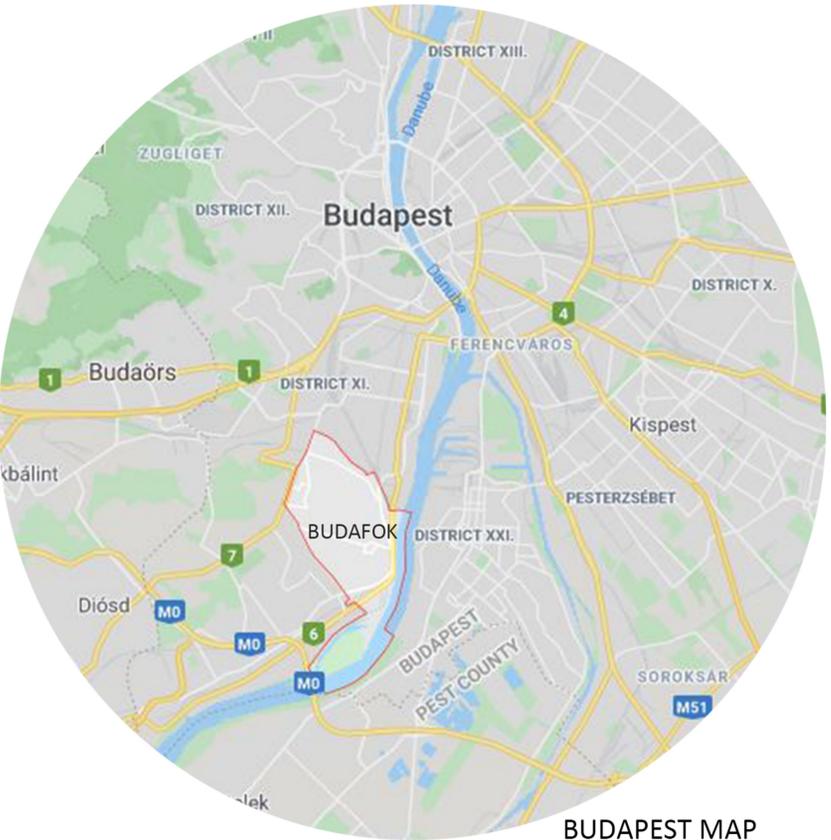
ALMELHEM, SABA

Coworking space is a space where freelancers, designers, small business owners share a common place to work. In general Budapest is a hub for arts and design, as well as Budafok is known by its artists, sculptors, musicians, and designers where you can find more than 20 art studios in the neighborhood. Simultaneously, the number of startup businesses and entrepreneurs are growing up. Hence, offering affordable, convenient, and inspiring space for them will help to meet their unique needs.

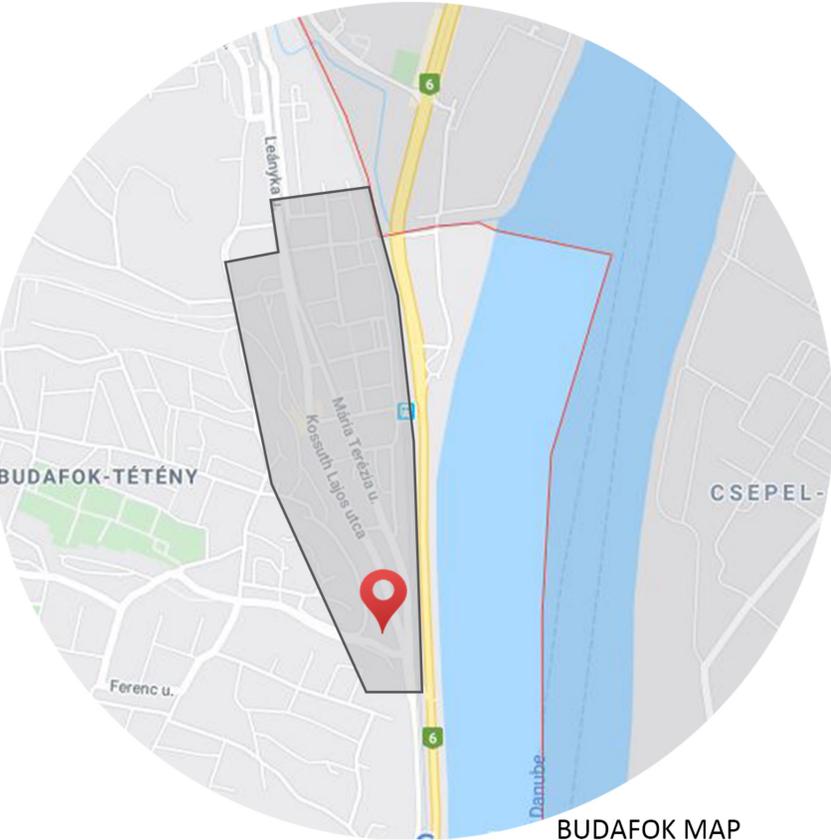
The targeted groups are artist, sculptors, and freelancers where they can work freely in a creative and inspiring space with a visual and genuine connection with the surrounding environment.

Site Analysis:
 Budafok is a neighborhood in Budapest, Hungary. It is located in the southwestern part of Buda, near the Danube, and belongs to District XXII. The village was known for wine and champagne making, it was home to what used to be the most important vineyard of the greater Budapest area as well as Central Hungary. Study area extends along Kossuth Lajos utca to the south where Budafok train station stands on the middle of the area. There are many landmarks around like: Saint Leopold Church, Budafok wine-cellar, castles, chapel, Calvary, ... etc. **The chosen plot** is the last plot on the study area which is located on Tóth József junction.

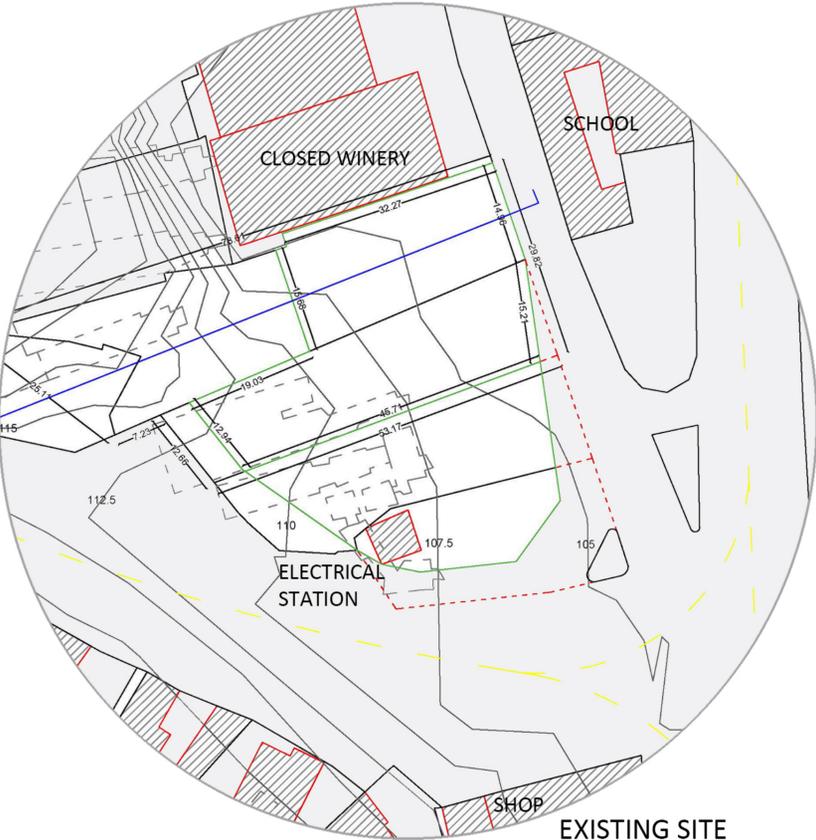
- SWOT Analysis:**
- Strengths:
 - Excellent view
 - Central location
 - Easy access to different transportation options
 - Safe area
 - Weaknesses:
 - Noise
 - Traffic junction
 - Train station – separation from Danub
 - Surrounded with construction sites
 - Opportunities:
 - Development already started
 - Major Touristic destination
 - Well served area – supporting functions
 - Probability of traffic calming
 - Threats:
 - How to attract people
 - Parking availability
 - How to deal with slop



BUDAPEST MAP



BUDAFOK MAP



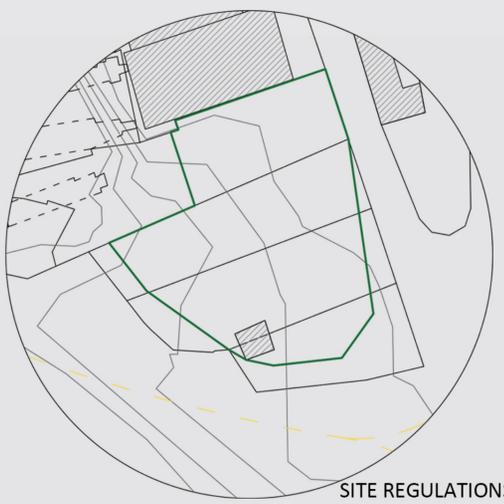
EXISTING SITE

Project concept:

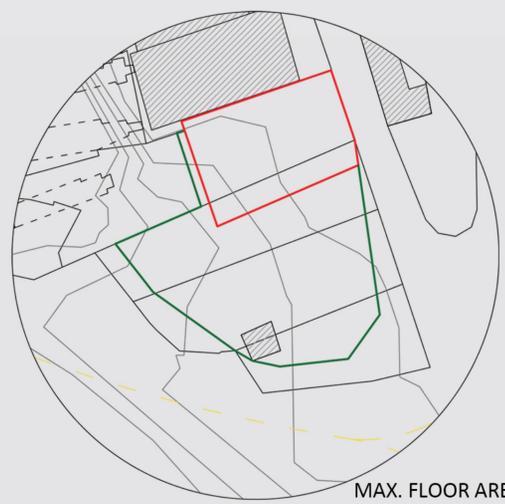
Starting from the idea of creating a dynamic and an inspiration space, the project needs to have an interactive space “the shared part” in the middle of the working area that will act as a gathering point for all users and at the same time can be used by people who likes to work in an unusual place.

The main inspiration of the project is Budafok sloped terrain and the hidden stairways which will be reflected on the interior spaces, building formation, and site design in general.

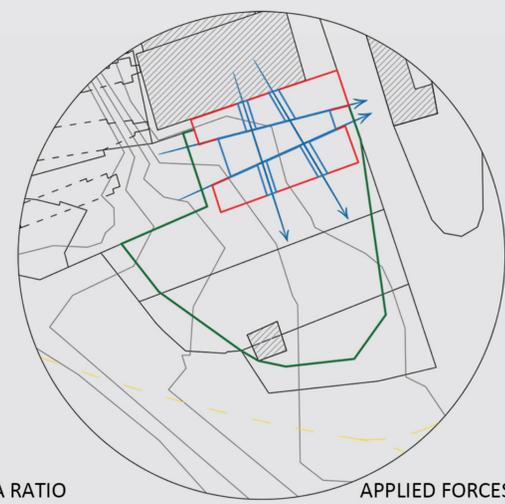
The project will be directed by two aspects; the functions and the site.
 -The functions will divide the building into three different spaces according to the privacy needed by the users; which contains different categories. First off, Private like studios or workshops, Shared such as open workstations and exhibition space, and Semi-shared which includes meeting rooms and offices where a group of people can rent it together for a couple of hours.
 - The site will divide the building into multi levels following the topography, also it will be deciding the pedestrian and car entrances.



SITE REGULATIONS



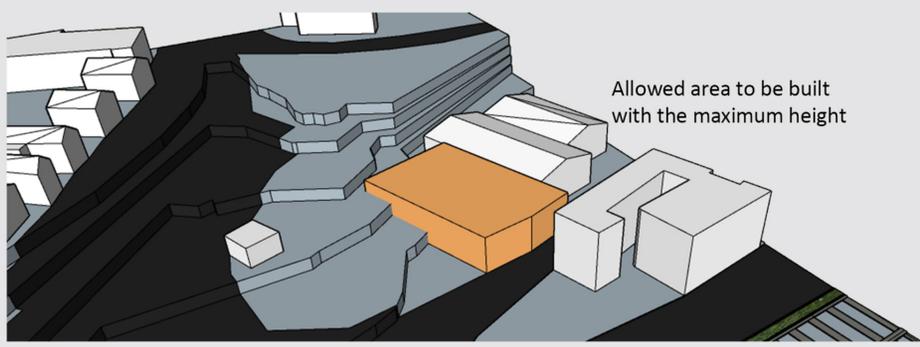
MAX. FLOOR AREA RATIO



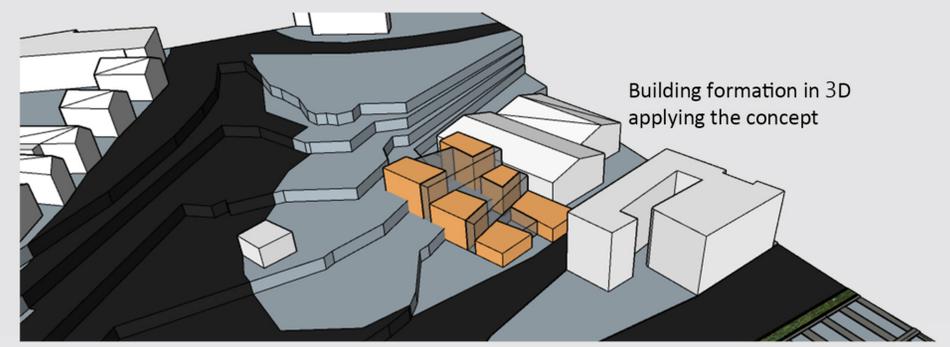
APPLIED FORCES



SITE ZONING

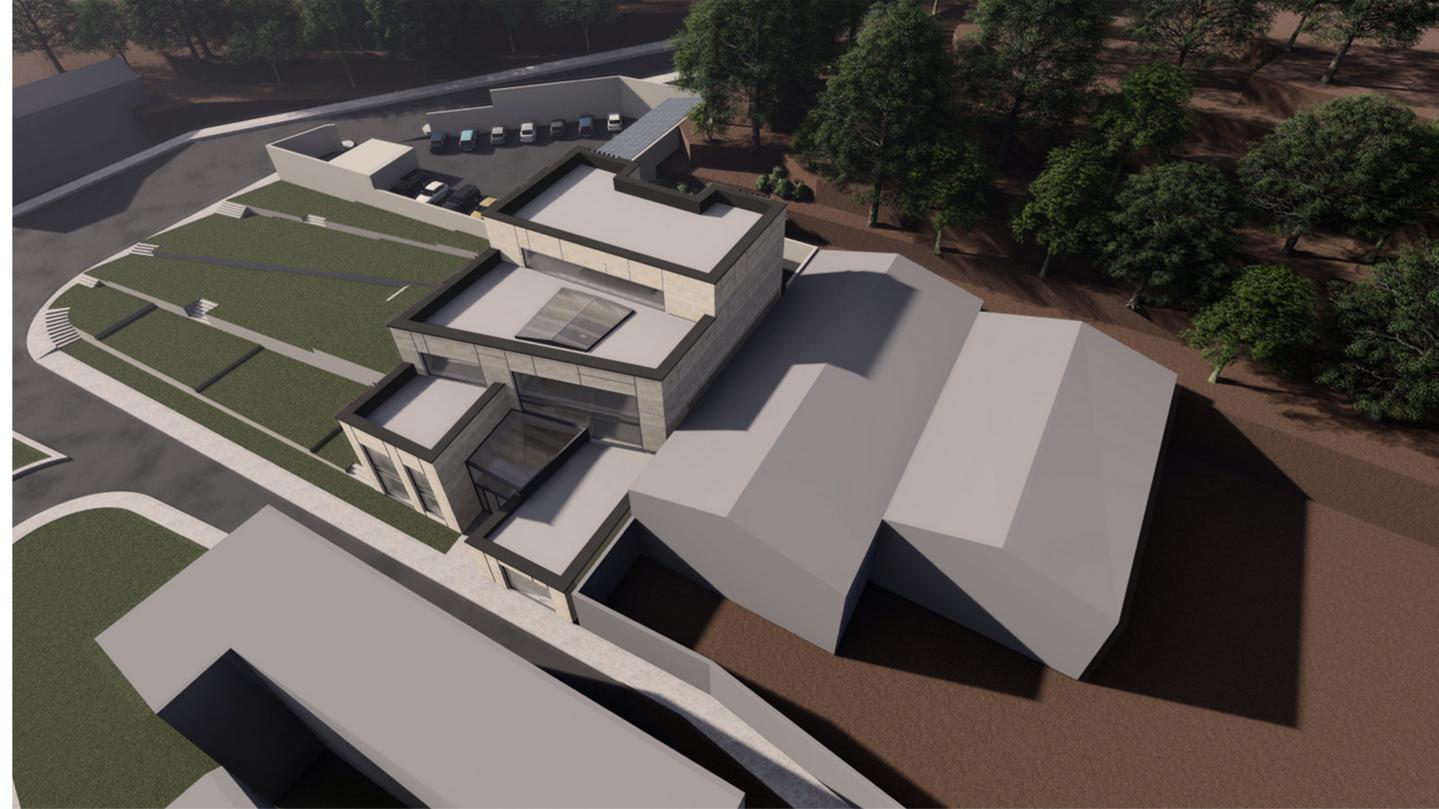
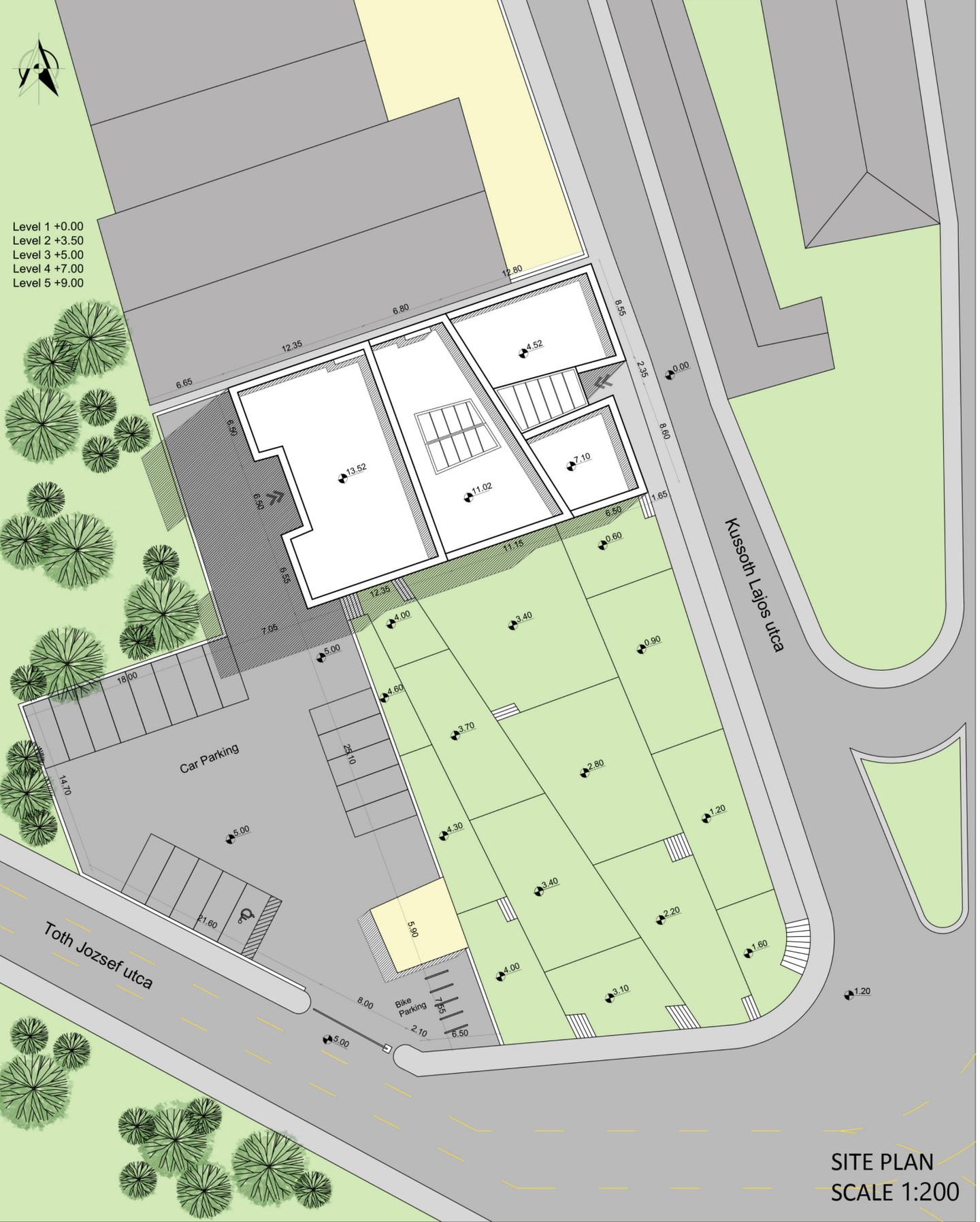


Allowed area to be built with the maximum height



Building formation in 3D applying the concept

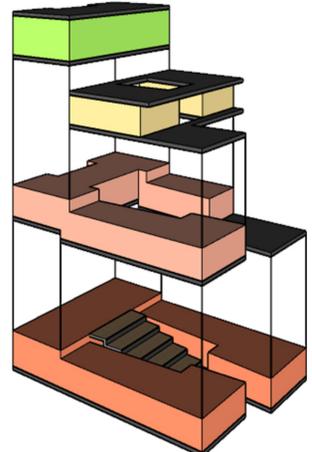
ALMELHEM, SABA



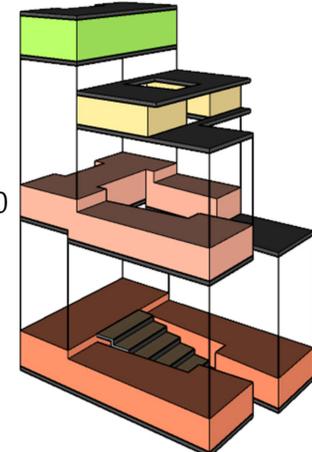
ALMELHEM, SABA



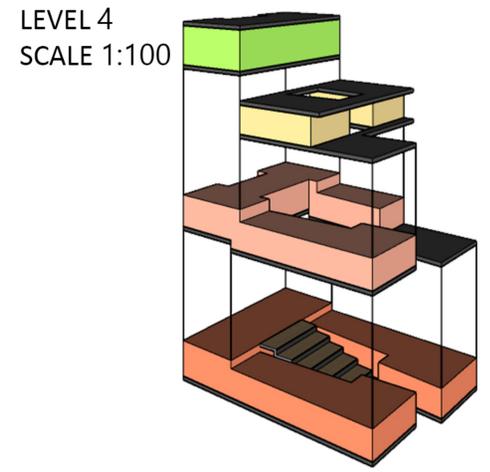
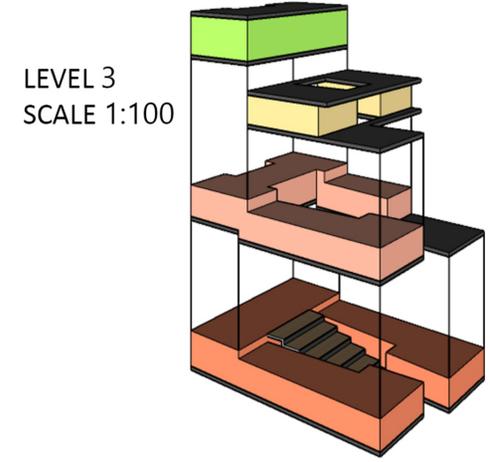
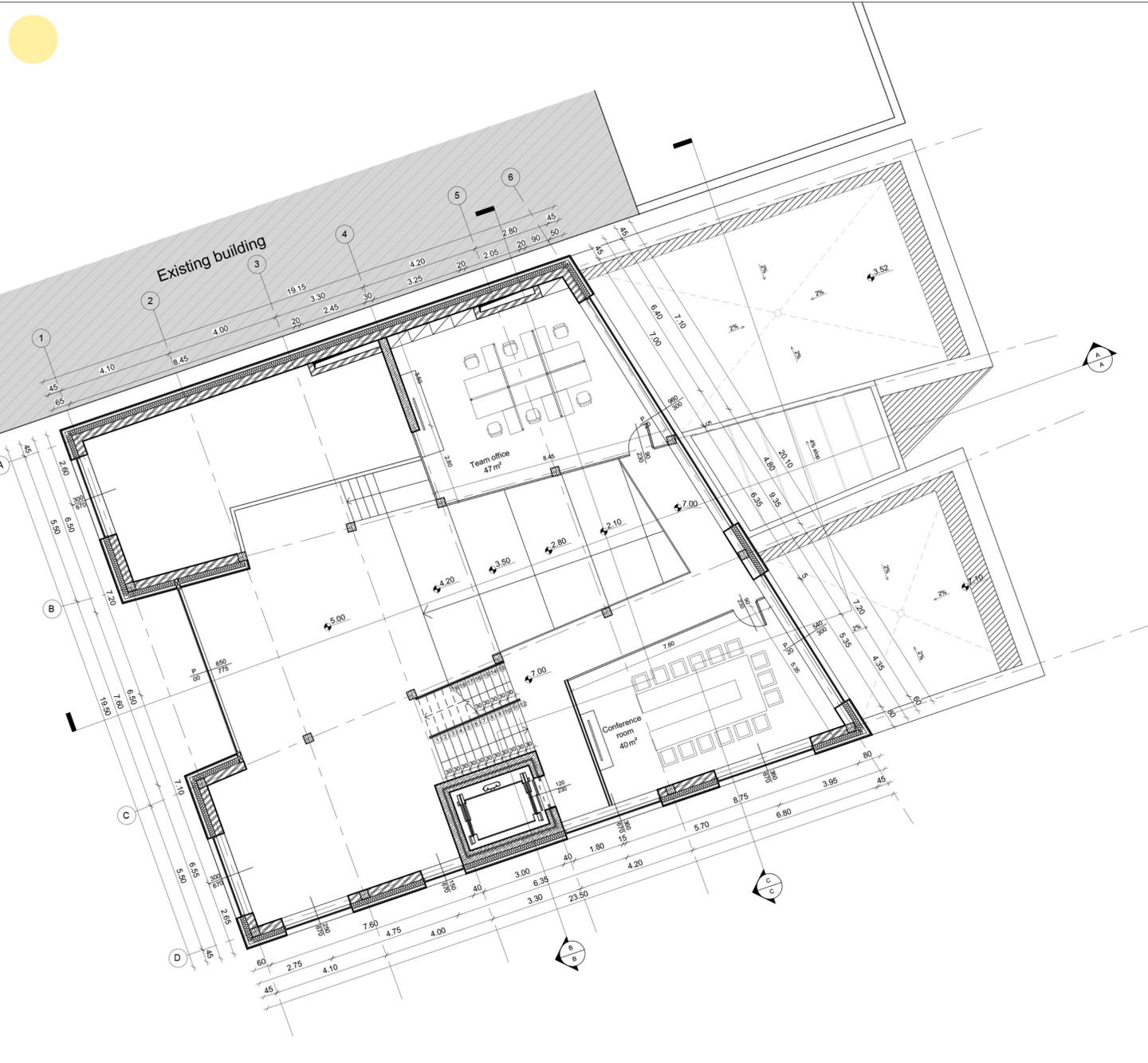
LEVEL 1
SCALE 1:100



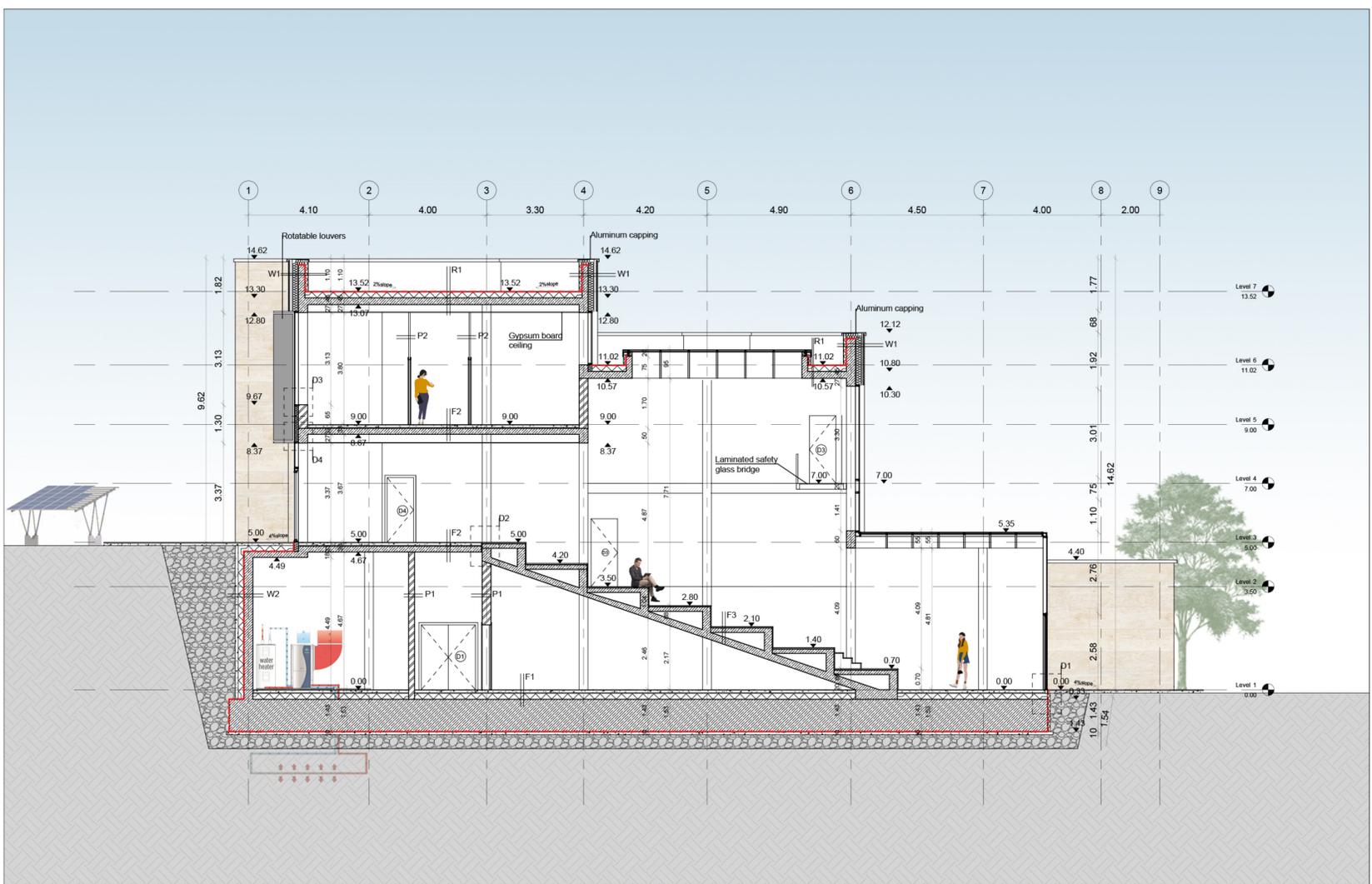
LEVEL 2
SCALE 1:100



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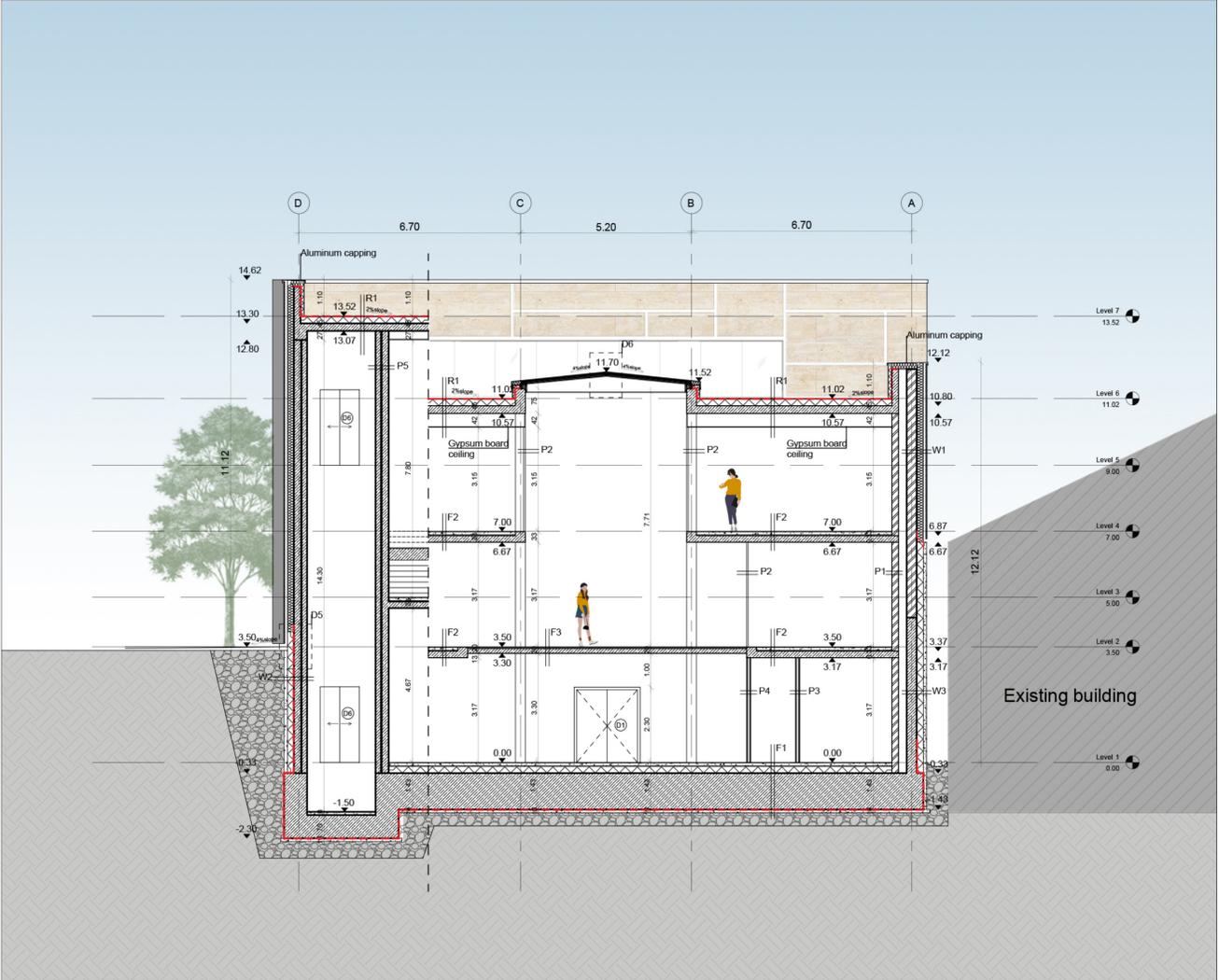


| Hatch legend | F1: | W1: | P1: | R1: |
|---------------------|---|--|--|---|
| Existing building | - 8 cm screed polished and impregnated - PE Foil layer - 3 cm Sound insulation Rock wool - 20 cm EPS thermal insulation | - 3 cm Limestone - 8 cm Air gap - 20 cm Semi-rigid Rock wool thermal insulation with glass fiber protection layer - 30 cm Block wall -Type B - 1.5 cm Plaster with paint cover | - 1.5 cm Plaster with paint finish - 20 cm Block wall - PARTY WALL - - 1.5 cm Plaster with paint finish | - Gravel - Separation filter layer - 1 layer pre-waterproof membrane - 1 layer glass fleece - EPS Thermal insulation in slop - 20 cm EPS Thermal insulation layer - Polyethylene plastic sheet Vapor barrier layer - 23 cm RC slab |
| Stone cladding | - 110 cm R.C slab foundation - PREPRUFE 300 plus waterproofing membrane heavy duty - 10 cm screed | - 10 cm Concrete crust panel - 20 cm XPS thermal insulation with glass fiber protection layer - Bituminous waterproofing membrane - 30 cm R.C retaining wall - 1.5 cm Plaster with paint finish | - Double layered tempered glass wall | |
| Reinforced concrete | | | | |
| Block wall | | | | |
| Concrete | F2: - 8 cm screed polished and impregnated - PE Foil layer - 3 cm Sound insulation Rock wool - 20 cm RC slab | | P2: - Double layered tempered glass wall | |
| Gravel | | | | |
| Earth | | | | |
| | F3: - 2 cm parquet tiles fixed on wooden battens and wedges - 3 cm Sound insulation Rock wool - 15 cm prefabricated R.C slab | W2: - 10 cm Concrete crust panel - 20 cm XPS thermal insulation with glass fiber protection layer - Bituminous waterproofing membrane - 30 cm R.C retaining wall - 1.5 cm Plaster with paint finish | P3: - 1.5 cm Ceramic tiles with glue - 12.5 cm Double layered Gypsum board wall - Paint finish | |
| | | W3: - 10 cm Concrete crust panel - 20 cm XPS thermal insulation with glass fiber protection layer - PREPRUFE 300 plus waterproofing membrane heavy duty - 30 cm R.C retaining wall - 1.5 cm Plaster with paint finish | P4: - 12.5 cm Double layered Gypsum board wall with paint finish | |
| | | | P5: - 1.5 cm Plaster with paint finish - 20 cm R.C wall - 5 cm Rock wool sound insulation - 15 cm R.C wall - 1.5 cm Plaster | |

SECTION A-A
 SCALE 1:100

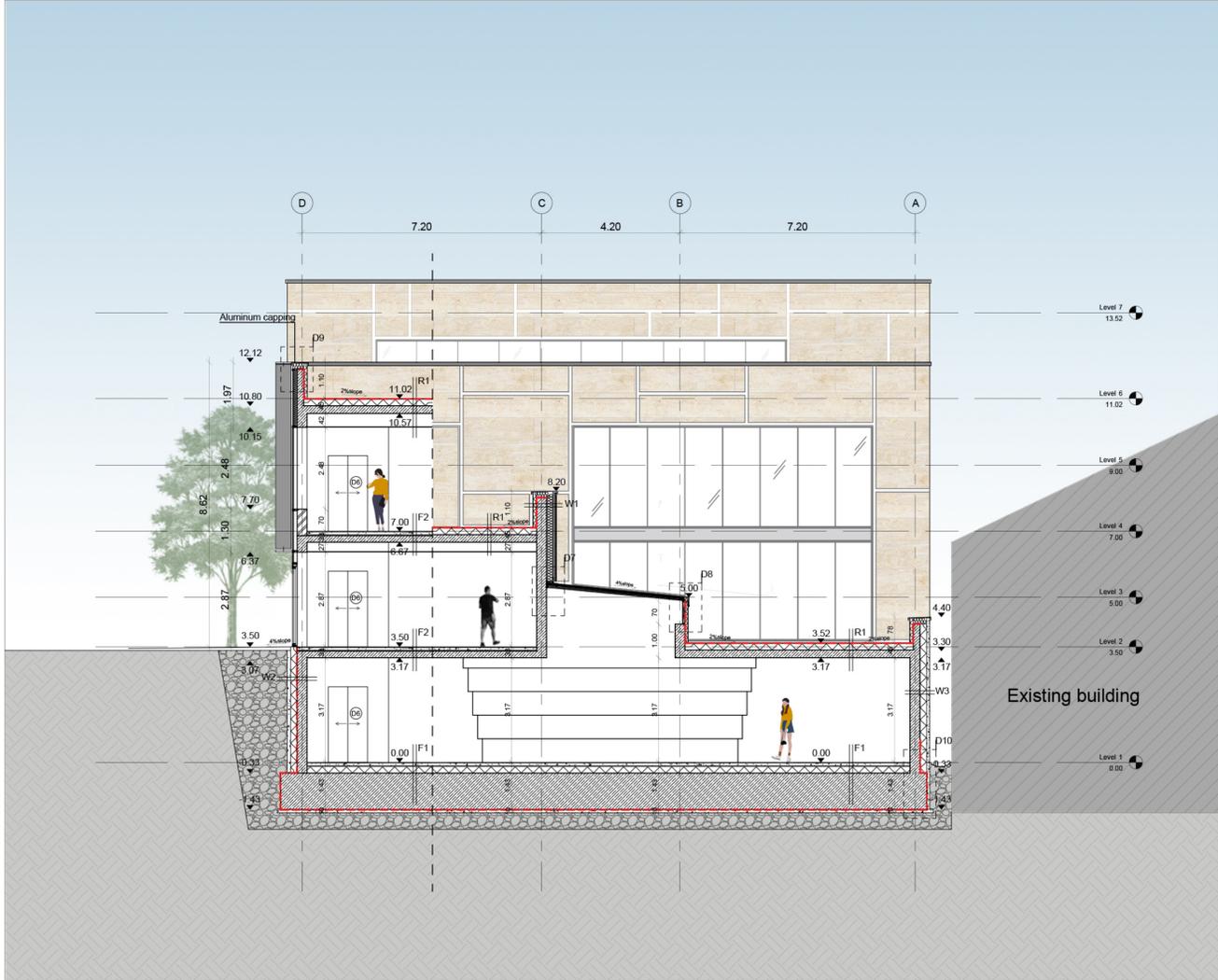


ALMELHEM, SABA



| Hatch legend | | | | |
|--------------|---|---|--|--|
| | F1: | W1: | P1: | R1: |
| | - 8 cm screed polished and impregnated | - 3 cm Limestone | - 1.5 cm Plaster with paint finish | - Gravel |
| | - PE Foil layer | - 8 cm Air gap | - 20 cm Block wall - PARTY WALL- | - Separation filter layer |
| | - 3 cm Sound insulation Rock wool | - 20 cm Semi-rigid Rock wool thermal insulation with glass fiber protection layer | - 1.5 cm Plaster with paint finish | - 1 layer pvc waterproof membrane |
| | - 20 cm EPS thermal insulation | - 30 cm Block wall -Type B- | | - 1 layer glass fleece |
| | - 110 cm R.C slab foundation | - 1.5 cm Plaster with paint cover | P2: | - EPS Thermal insulation in slop |
| | - PREPRUFE 300 plus waterproofing membrane | | - Double layered tempered glass wall | - 20 cm EPS Thermal insulation layer |
| | - heavy duty- | | | - Polyethylene plastic sheet Vapor barrier layer |
| | - 10 cm screed | W2: | P3: | - 23 cm RC slab |
| | | - 10 cm Concrete crust panel | - 1.5 cm Ceramic tiles with glue | |
| | | - 20 cm XPS thermal insulation with glass fiber protection layer | - 12.5 cm Double layered Gypsum board wall | |
| | | - Bituminous waterproofing membrane | - Paint finish | |
| | | - 30 cm R.C retaining wall | P4: | |
| | | - 1.5 cm Plaster with paint finish | - 12.5 cm Double layered Gypsum board wall with paint finish | |
| | F2: | | P5: | |
| | - 8 cm screed polished and impregnated | W3: | - 1.5 cm Plaster with paint finish | |
| | - PE Foil layer | - 10 cm Concrete crust panel | - 20 cm R.C wall | |
| | - 3 cm Sound insulation Rock wool | - 20 cm XPS thermal insulation with glass fiber protection layer | - 5 cm Rock wool sound insulation | |
| | - 20 cm RC slab | - Bituminous waterproofing membrane | - 15 cm R.C wall | |
| | | - PREPRUFE 300 plus waterproofing membrane | - 1.5 cm Plaster | |
| | | - heavy duty- | | |
| | | - 30 cm R.C retaining wall | | |
| | | - 1.5 cm Plaster with paint finish | | |
| | F3: | | | |
| | - 2 cm parquet tiles fixed on wooden battens and wedges | | | |
| | - 3 cm Sound insulation Rock wool | | | |
| | - 15 cm prefabricated R.C slab | | | |

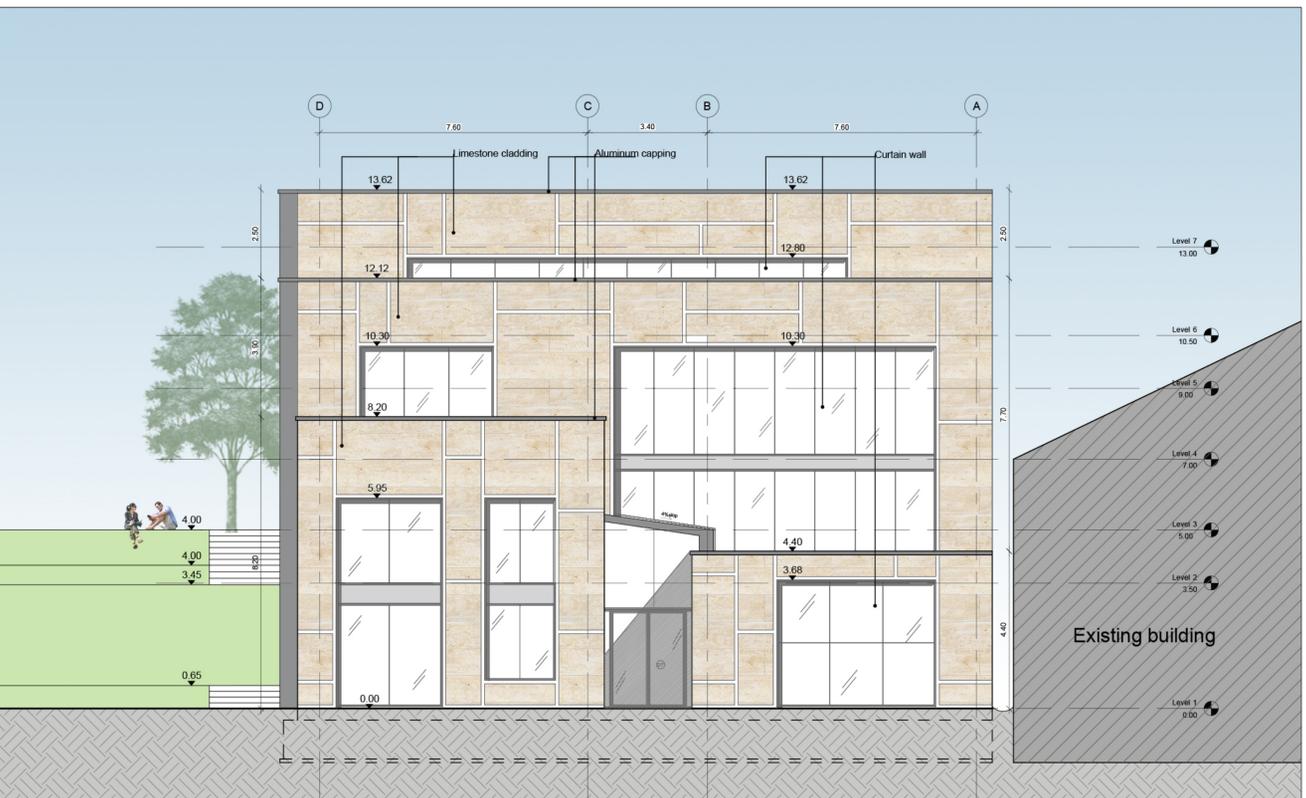
SECTION B-B
 SCALE 1:100



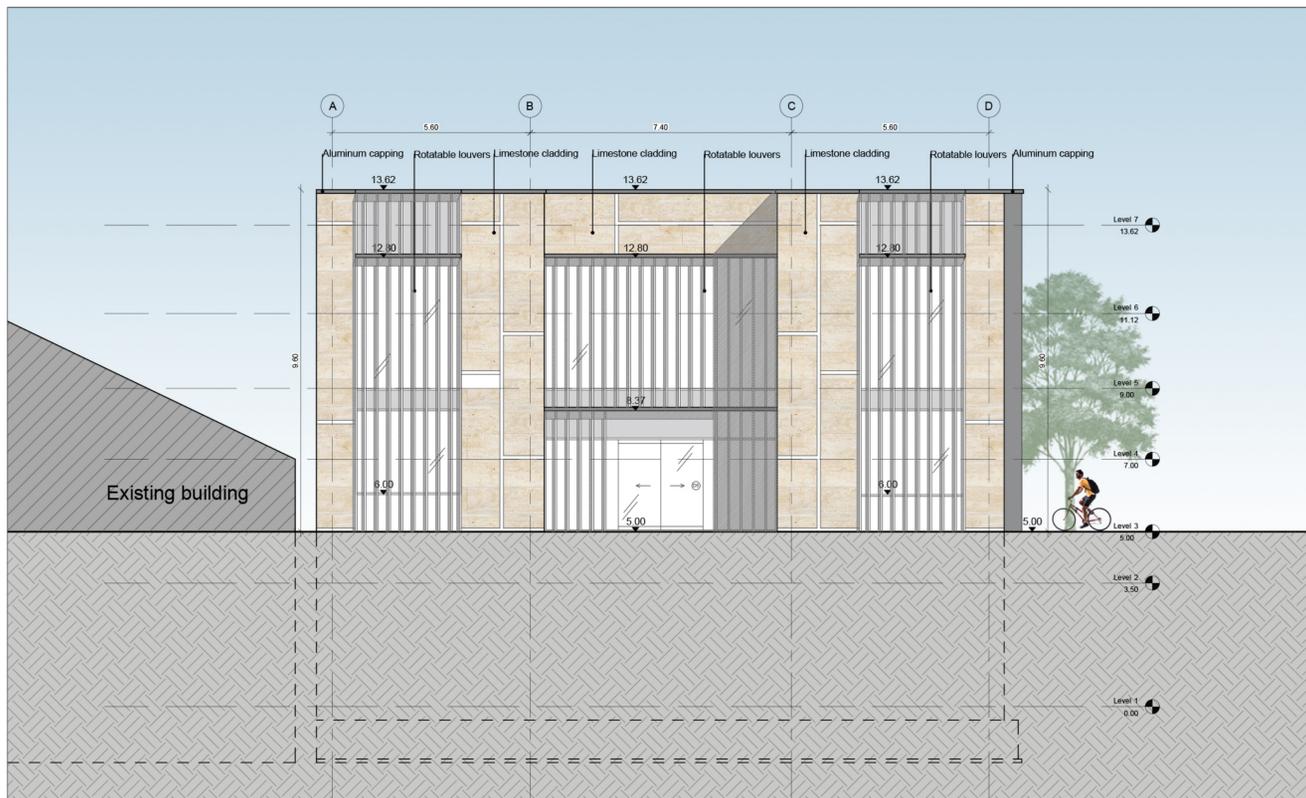
| Hatch legend | | | | |
|--------------|---|---|--|--|
| | F1: | W1: | P1: | R1: |
| | - 8 cm screed polished and impregnated | - 3 cm Limestone | - 1.5 cm Plaster with paint finish | - Gravel |
| | - PE Foil layer | - 8 cm Air gap | - 20 cm Block wall - PARTY WALL- | - Separation filter layer |
| | - 3 cm Sound insulation Rock wool | - 20 cm Semi-rigid Rock wool thermal insulation with glass fiber protection layer | - 1.5 cm Plaster with paint finish | - 1 layer pvc waterproof membrane |
| | - 20 cm EPS thermal insulation | - 30 cm Block wall -Type B- | | - 1 layer glass fleece |
| | - 110 cm R.C slab foundation | - 1.5 cm Plaster with paint cover | P2: | - EPS Thermal insulation in slop |
| | - PREPRUFE 300 plus waterproofing membrane | | - Double layered tempered glass wall | - 20 cm EPS Thermal insulation layer |
| | - heavy duty- | | | - Polyethylene plastic sheet Vapor barrier layer |
| | - 10 cm screed | W2: | P3: | - 23 cm RC slab |
| | | - 10 cm Concrete crust panel | - 1.5 cm Ceramic tiles with glue | |
| | | - 20 cm XPS thermal insulation with glass fiber protection layer | - 12.5 cm Double layered Gypsum board wall | |
| | | - Bituminous waterproofing membrane | - Paint finish | |
| | | - 30 cm R.C retaining wall | P4: | |
| | | - 1.5 cm Plaster with paint finish | - 12.5 cm Double layered Gypsum board wall with paint finish | |
| | F2: | | P5: | |
| | - 8 cm screed polished and impregnated | W3: | - 1.5 cm Plaster with paint finish | |
| | - PE Foil layer | - 10 cm Concrete crust panel | - 20 cm R.C wall | |
| | - 3 cm Sound insulation Rock wool | - 20 cm XPS thermal insulation with glass fiber protection layer | - 5 cm Rock wool sound insulation | |
| | - 20 cm RC slab | - Bituminous waterproofing membrane | - 15 cm R.C wall | |
| | | - PREPRUFE 300 plus waterproofing membrane | - 1.5 cm Plaster | |
| | | - heavy duty- | | |
| | | - 30 cm R.C retaining wall | | |
| | | - 1.5 cm Plaster with paint finish | | |
| | F3: | | | |
| | - 2 cm parquet tiles fixed on wooden battens and wedges | | | |
| | - 3 cm Sound insulation Rock wool | | | |
| | - 15 cm prefabricated R.C slab | | | |

SECTION C-C
 SCALE 1:100

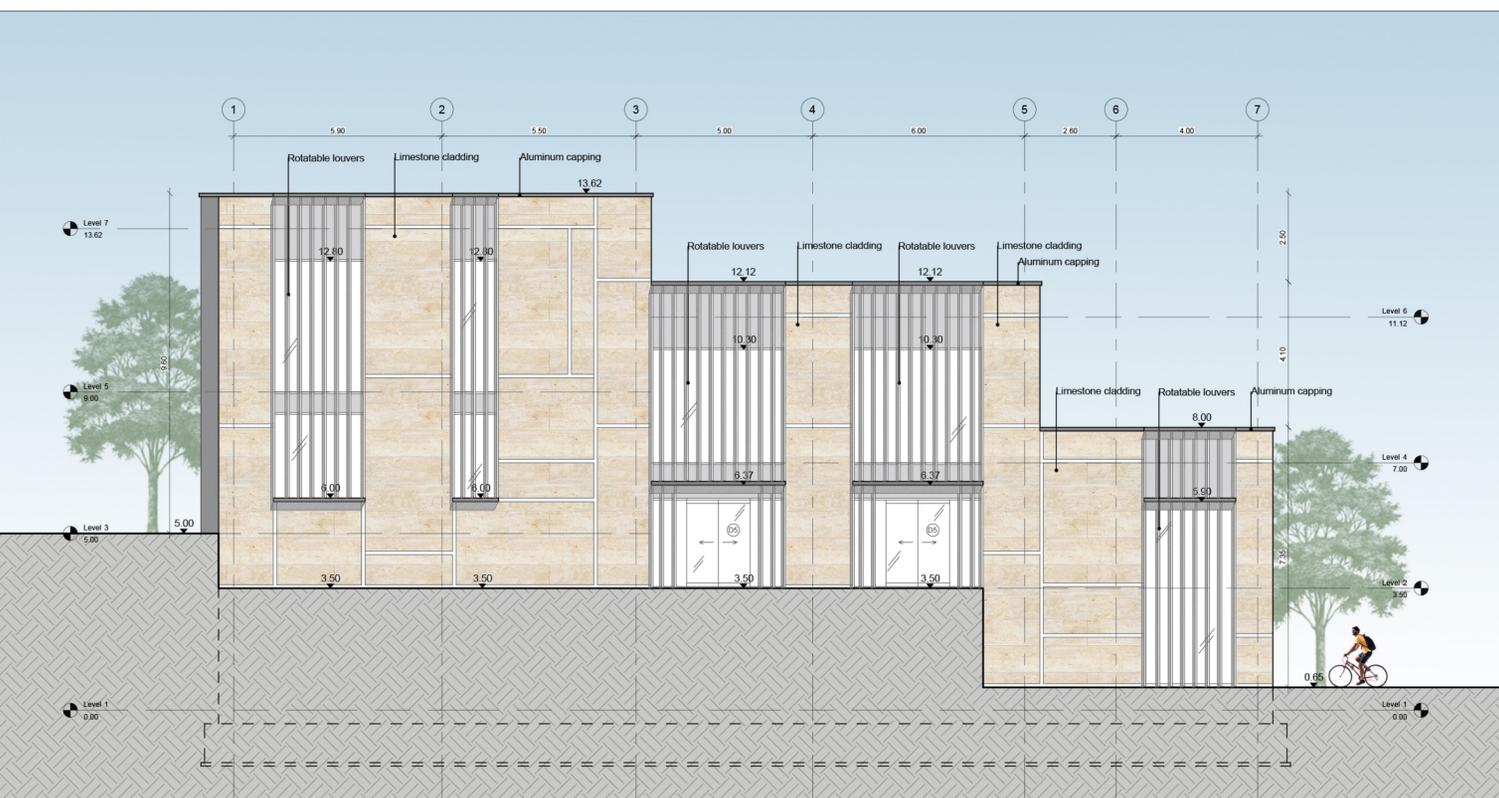
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NORTH EAST ELEVATION
SCALE 1:100



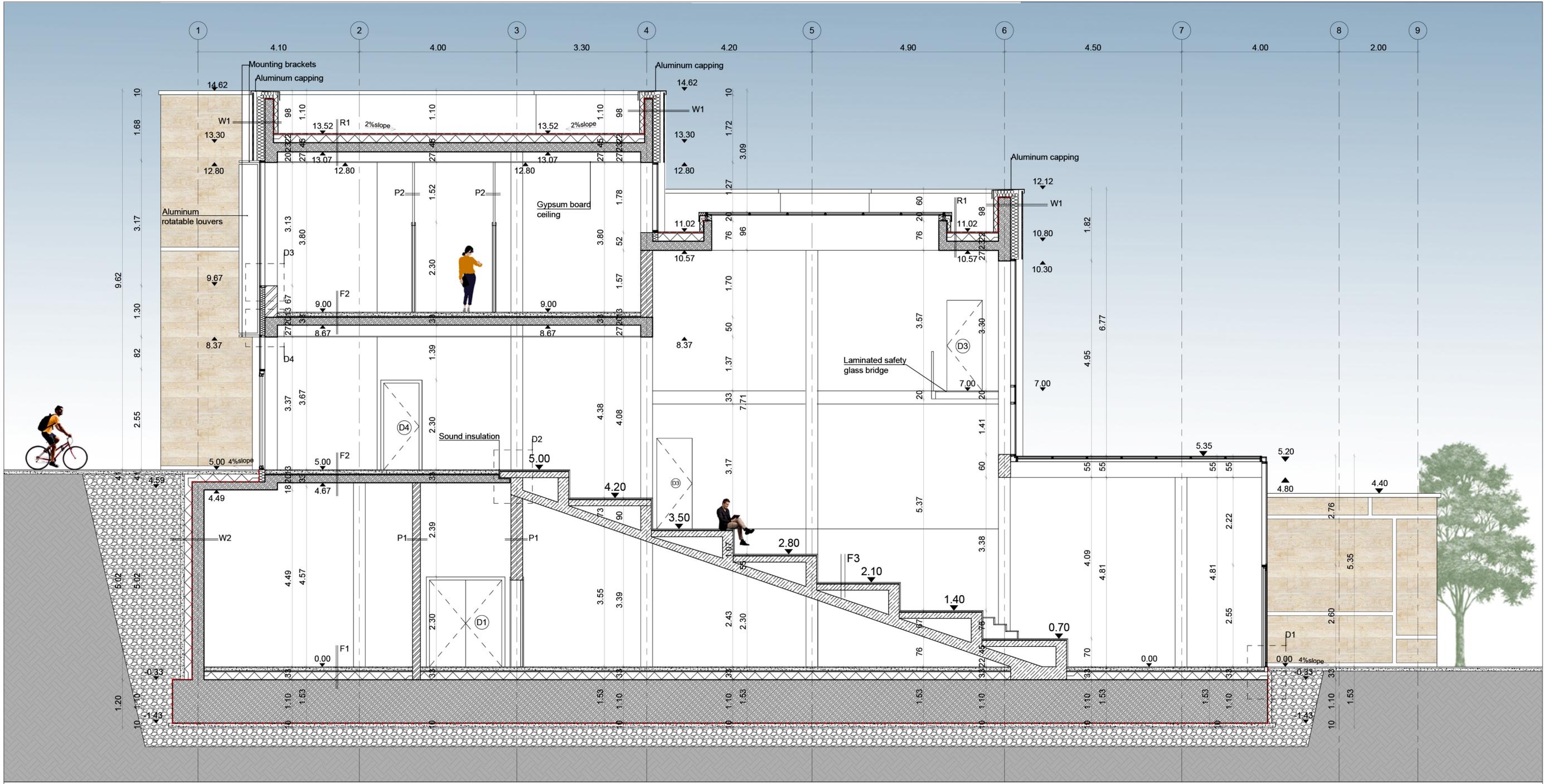
SOUTH WEST ELEVATION
SCALE 1:100



SOUTH EAST ELEVATION
SCALE 1:100







Hatch legend

- Existing building
- Stone cladding
- Reinforced concrete
- Block wall
- Concrete
- Gravel
- Earth

F1:

- 8 cm screed polished and impregnated
- PE Foil layer
- 3 cm Sound insulation Rock wool
- 20 cm EPS thermal insulation
- 110 cm R.C slab foundation
- PREPRUFE 300 plus waterproofing membrane -heavy duty-
- 10 cm screed

F2:

- 8 cm screed polished and impregnated
- PE Foil layer
- 3 cm Sound insulation Rock wool
- 20 cm RC slab

F3:

- 2 cm parquet tiles fixed on wooden battens and wedges
- 3 cm Sound insulation Rock wool
- 15 cm prefabricated R.C slab

W1:

- 3 cm Limestone
- 8 cm Air gap
- 20 cm Semi-rigid Rock wool thermal insulation with glass fiber protection layer
- 30 cm Block wall -Type B-
- 1.5 cm Plaster with paint cover

W2:

- 10 cm Concrete crust panel
- 20 cm XPS thermal insulation with glass fiber protection layer
- Bituminous waterproofing membrane
- 30 cm R.C retaining wall
- 1.5 cm Plaster with paint finish

W3:

- 10 cm Concrete crust panel
- 20 cm XPS thermal insulation with glass fiber protection layer
- PREPRUFE 300 plus waterproofing membrane -heavy duty-
- 30 cm R.C retaining wall
- 1.5 cm Plaster with paint finish

P1:

- 1.5 cm Plaster with paint finish
- 8 cm Block wall - PARTY WALL-
- 1.5 cm Plaster with paint finish

P2:

- Double layered tempered glass wall

P3:

- 1.5 cm Ceramic tiles with glue
- 12.5 cm Double layered Gypsum board wall
- Paint finish

P4:

- 12.5 cm Double layered Gypsum board wall with paint finish

P5:

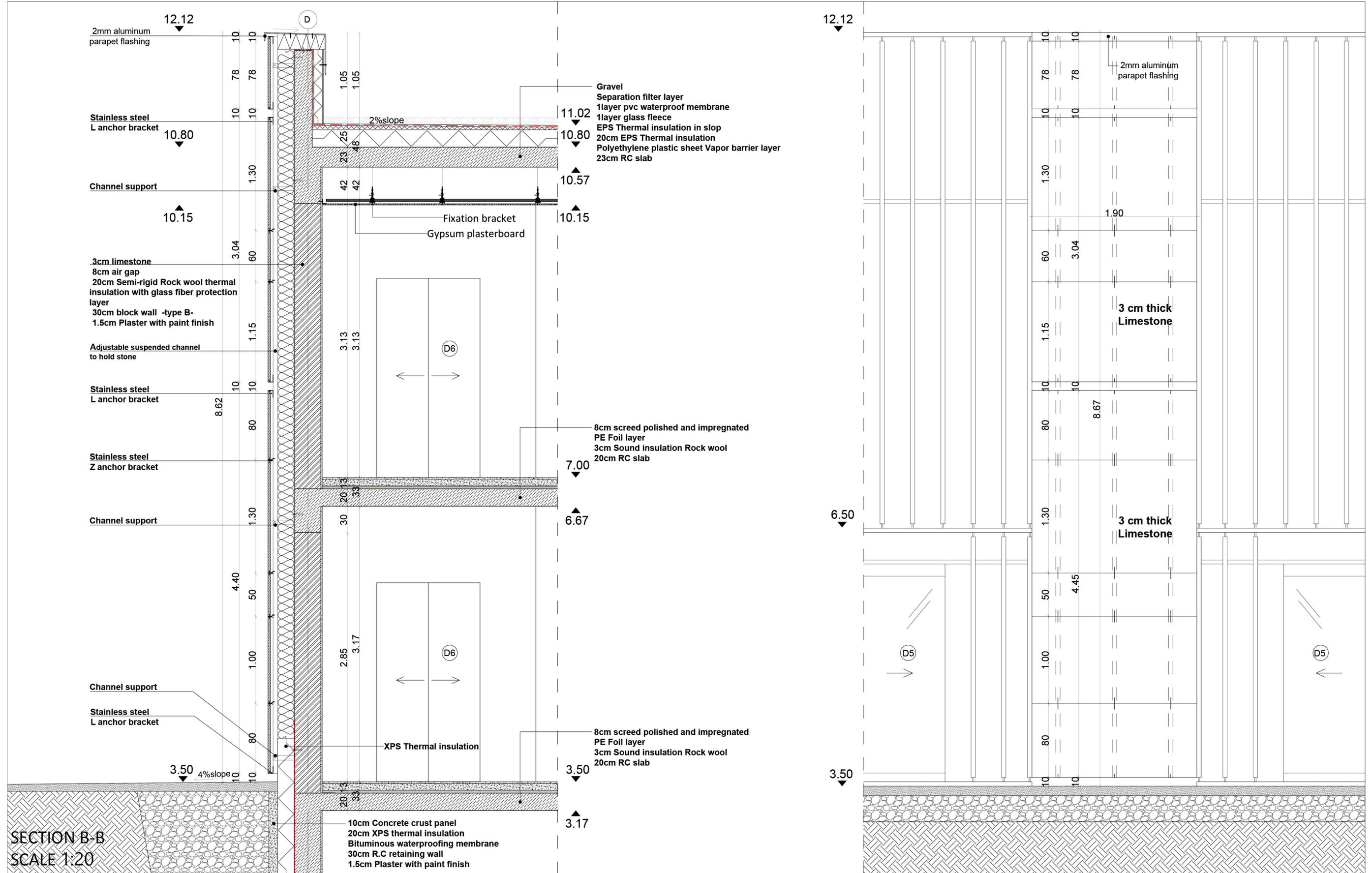
- 1.5 cm Plaster with paint finish
- 20 cm R.C wall
- 5 cm Rock wool sound insulation
- 15 cm R.C wall
- 1.5 cm Plaster

R1:

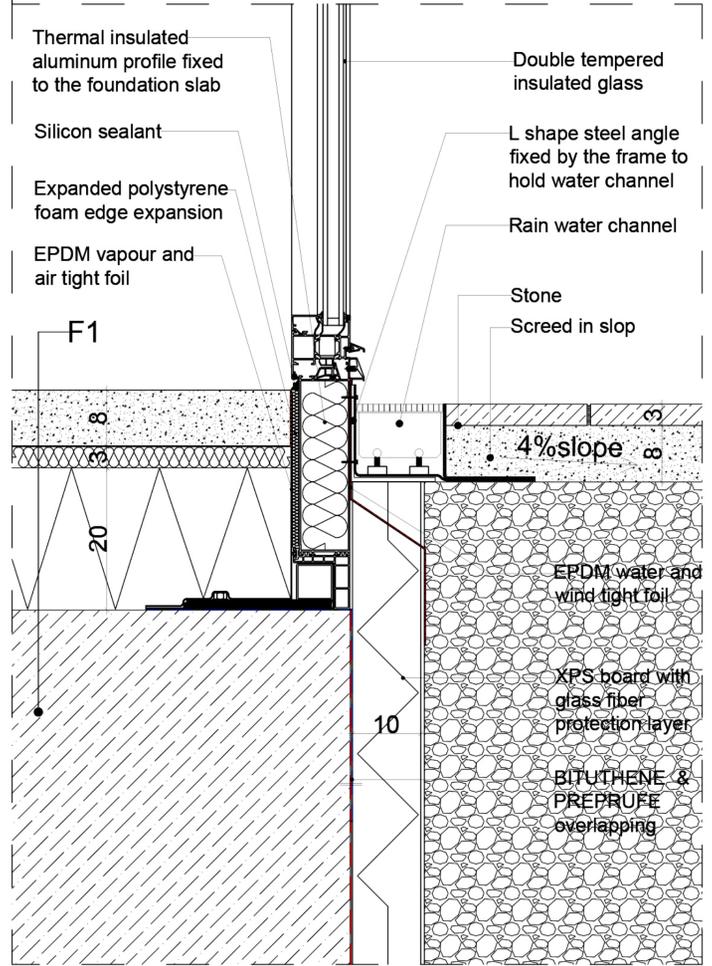
- Gravel
- Separation filter layer
- 1 layer pvc waterproof membrane
- 1 layer glass fleecce
- EPS Thermal insulation in slop
- 20 cm EPS Thermal insulation layer
- Polyethylene plastic sheet Vapor barrier layer
- 23 cm RC slab

SECTION A-A
 SCALE 1:50

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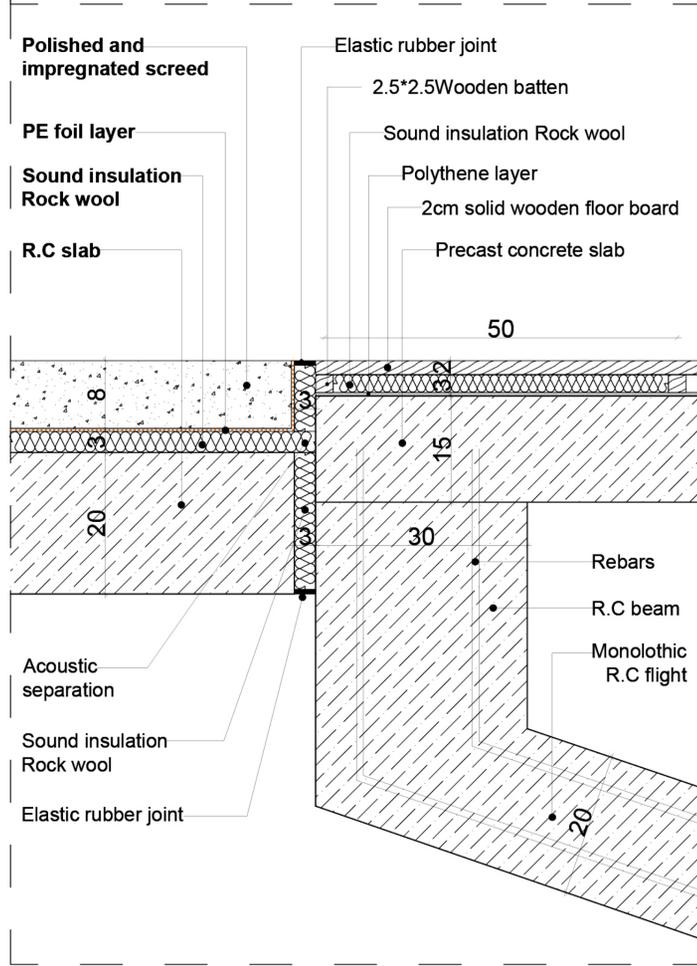


D1



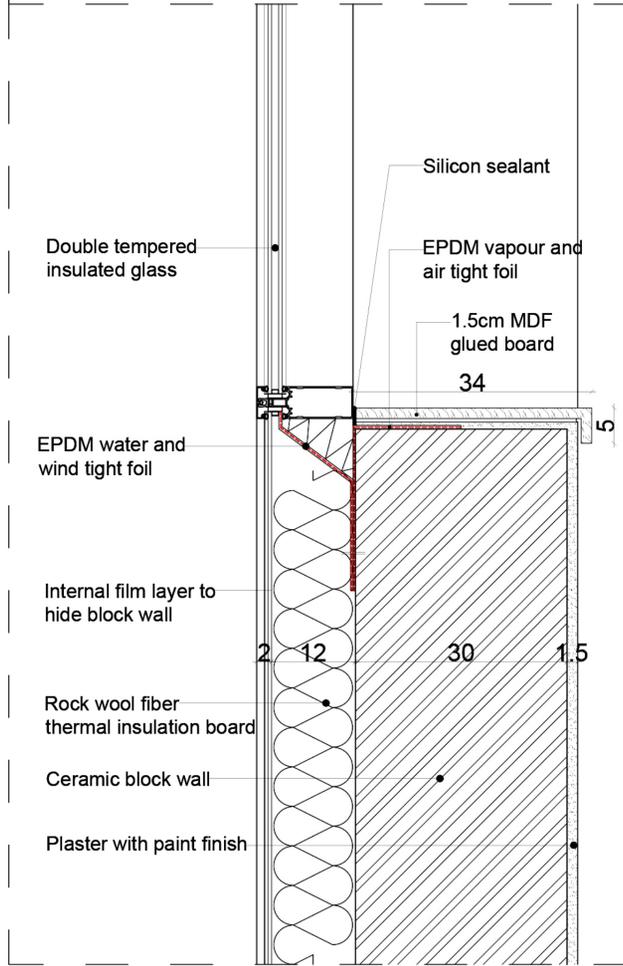
- F1:
- 8 cm screed polished and impregnated
 - PE Foil layer
 - 3 cm Sound insulation Rock wool
 - 20 cm EPS thermal insulation
 - 110 cm R.C slab foundation PREPRUFE 300 plus waterproofing membrane -heavy duty-
 - 10 cm screed

D2



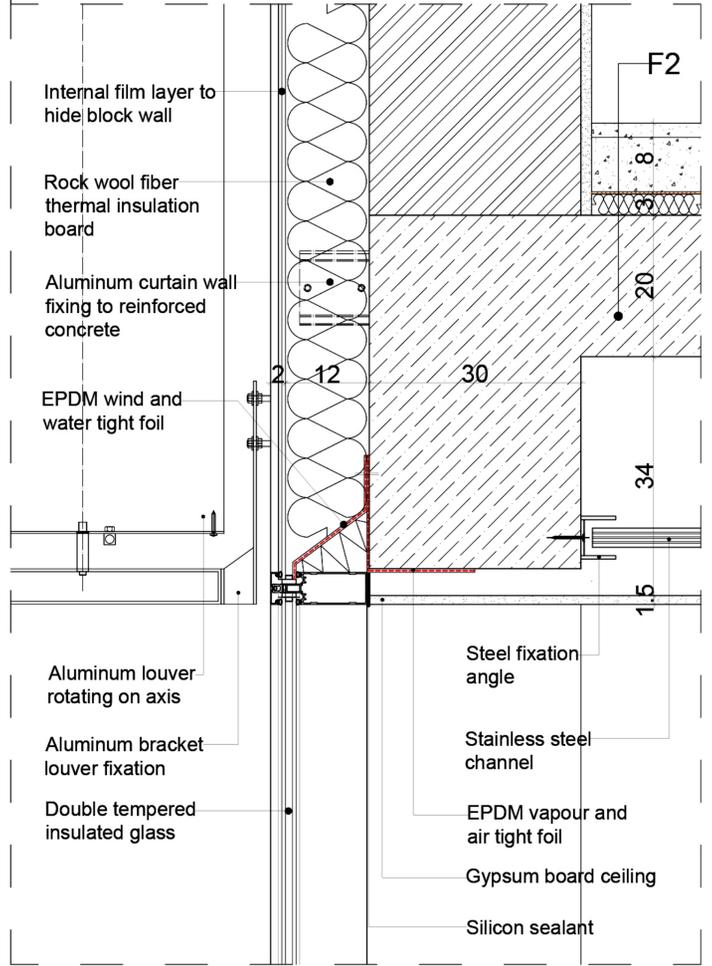
- 8 cm screed polished and impregnated
- PE Foil layer
- 3 cm Sound insulation Rock wool
- 20 cm RC slab

D3



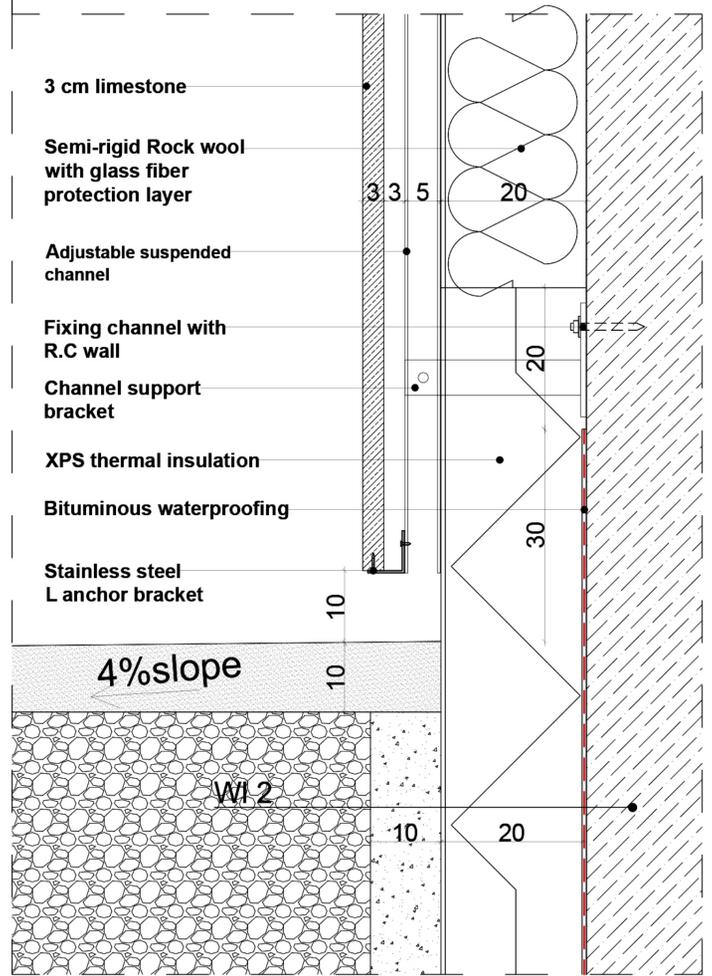
- 8 cm screed polished and impregnated
- PE Foil layer
- 3 cm Sound insulation Rock wool
- 20 cm RC slab

D4

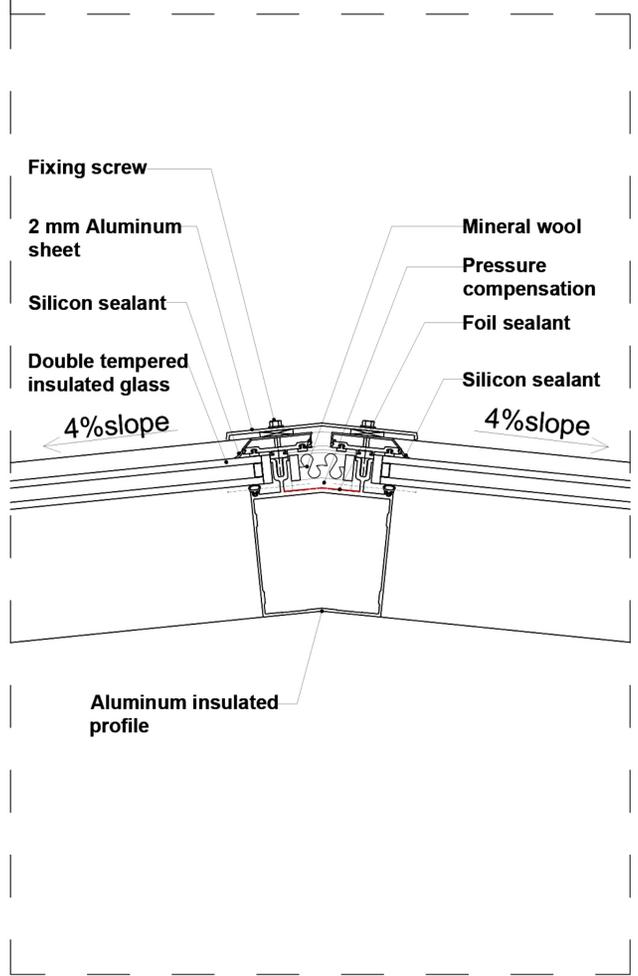


- F2:
- 8 cm screed polished and impregnated
 - PE Foil layer
 - 3 cm Sound insulation Rock wool
 - 20 cm RC slab

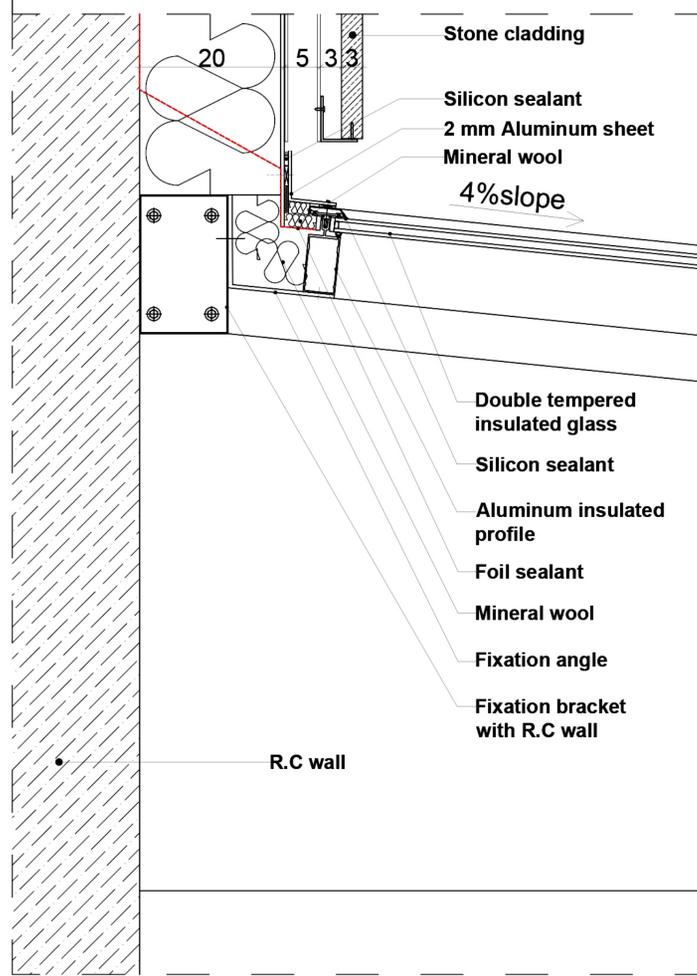
D5



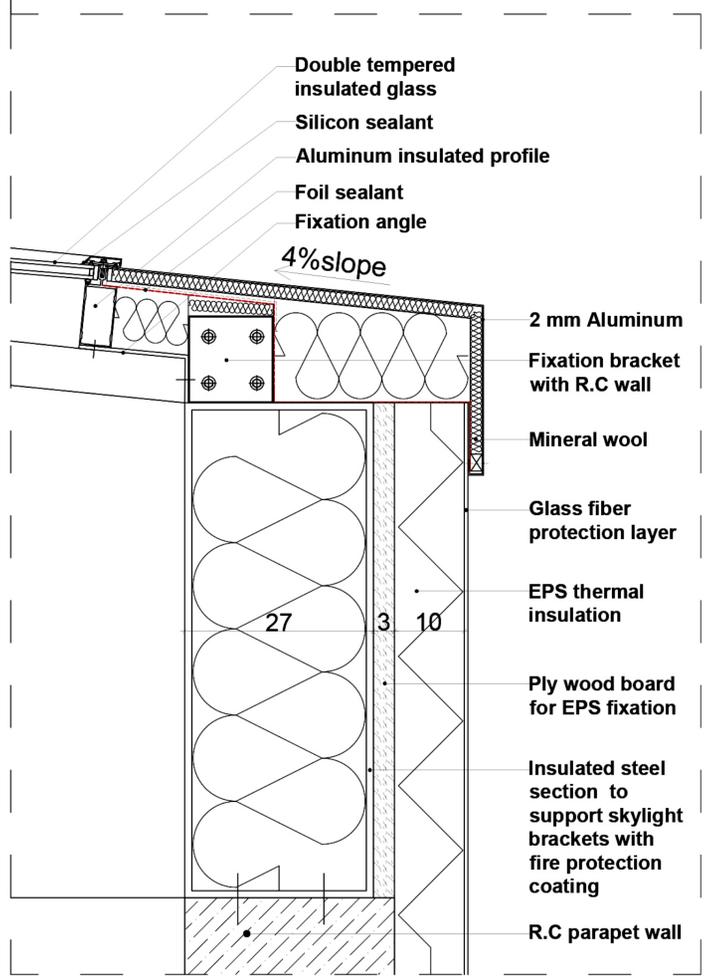
D6



D7



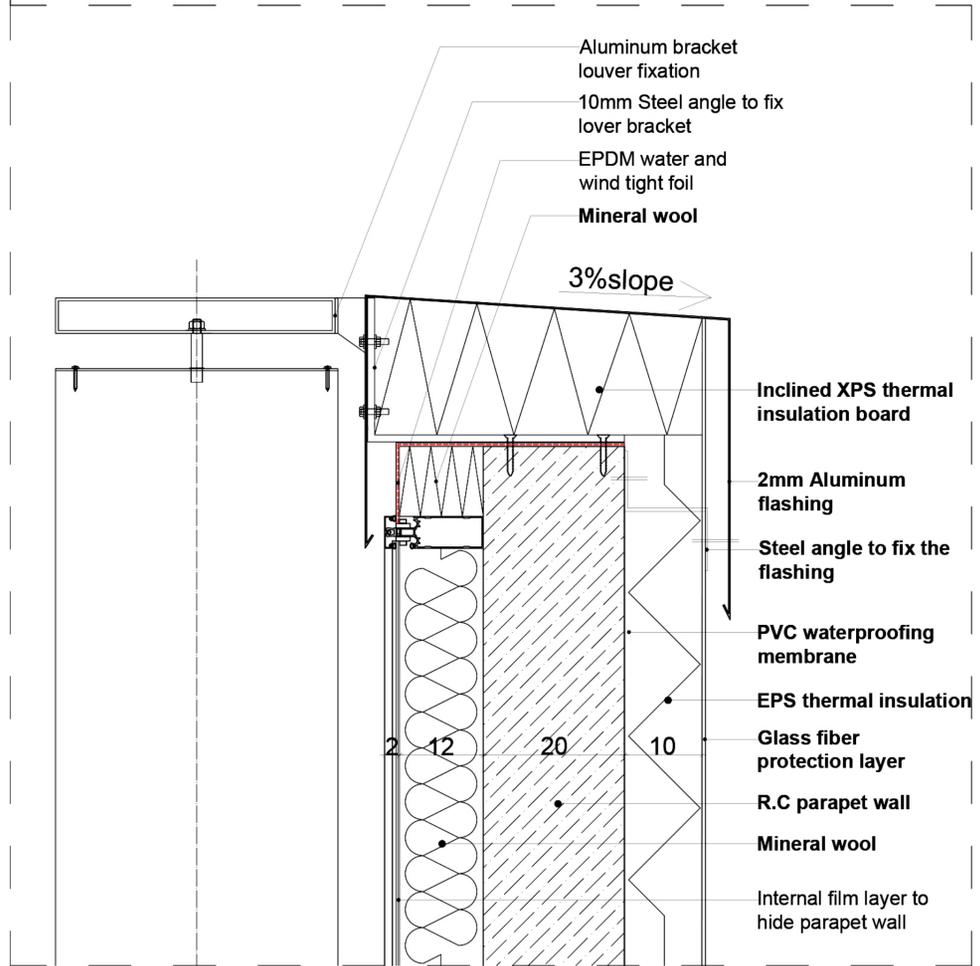
D8



- WI2:
- 10 cm Concrete crust panel
 - 20 cm XPS thermal insulation with glass fiber protection layer
 - Bituminous waterproofing membrane
 - 30cm R.C retaining wall
 - 1.5 cm Plaster with paint finish

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D9



- F1:**
- 8 cm screed polished and impregnated
 - PE Foil layer
 - 3 cm Sound insulation Rock wool
 - 20 cm EPS thermal insulation
 - 110 cm R.C slab foundation PREPRUFE 300 plus waterproofing membrane -heavy duty-
 - 10 cm screed

D10

