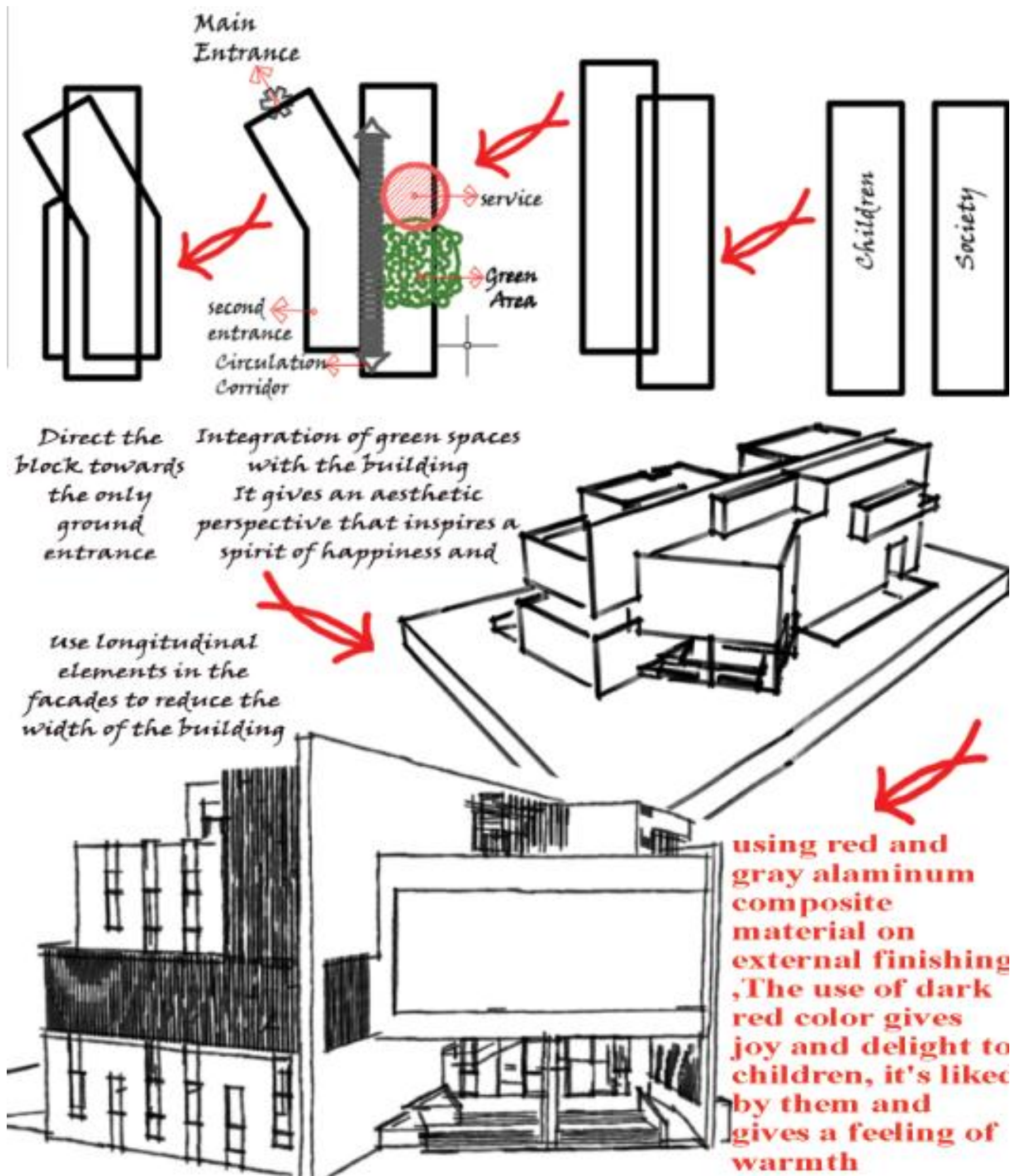


Concept

On the first side, the idea of the project being a center for the rehabilitation of people with special needs, it is necessary to provide architectural space that is more rehabilitative, healthy and comfortable in which the visitor and the user feel comfort and safety, and this is reflected in the design quality of the building and facades, Relying on the simplicity of the building's form , which is purely functional.

On the second side, the idea was based on the principle of the Association, which concentrate to merge the people with special needs with society .





Explanatory note Karin dom new building

Estimation of construction costs of project:

For normal quality of finishes works ,the estimated cost is 1,550,000 euros

For medium quality of finishes works ,the estimated cost is 1,700,000 euros

For high quality of finishes works ,the estimated cost is 1,850,000 euros

Notes:

The costs include all the necessary works ,labors ,materials and any additional costs to achieve the project.

The costs include the fence wall construction works.

For structural system of project :

It is recommended to use skelton structural system (beams and column system).

For slabs ,because there is a long distance between some columns it is recommended to use two way edge supported solid slabs .

All external walls of bedroom must be retaining walls to carry lateral force of soil backfill around the structure.

For staircases and elevator walls, it is recommended to use shear wall.

I used in The facade of the building and the external finishes , aluminum composite panel ,Aluminum Composite is the most sustainable, eco-friendly material and one of the most recyclable materials on the planet as the Aluminum that has been extracted from the sandwich panels can be easily recycled without any loss of value or quality , Many panels may contain more recycled materials .

In ground floor there is two entrance for building one is the main which is in the west side and the another entrance is in the south side which we use it for medical center in the third floor and also for training center in first floor which give it more privacy special if the foundation rent the center , also they can use the first entrance , it will also be connected to the main elevator , and the stairs of the end of corridor we can use it as emergency exiting for the whole building.

The width of the main corridor in Building 2.20 is designed to accommodate the movement of people with special needs

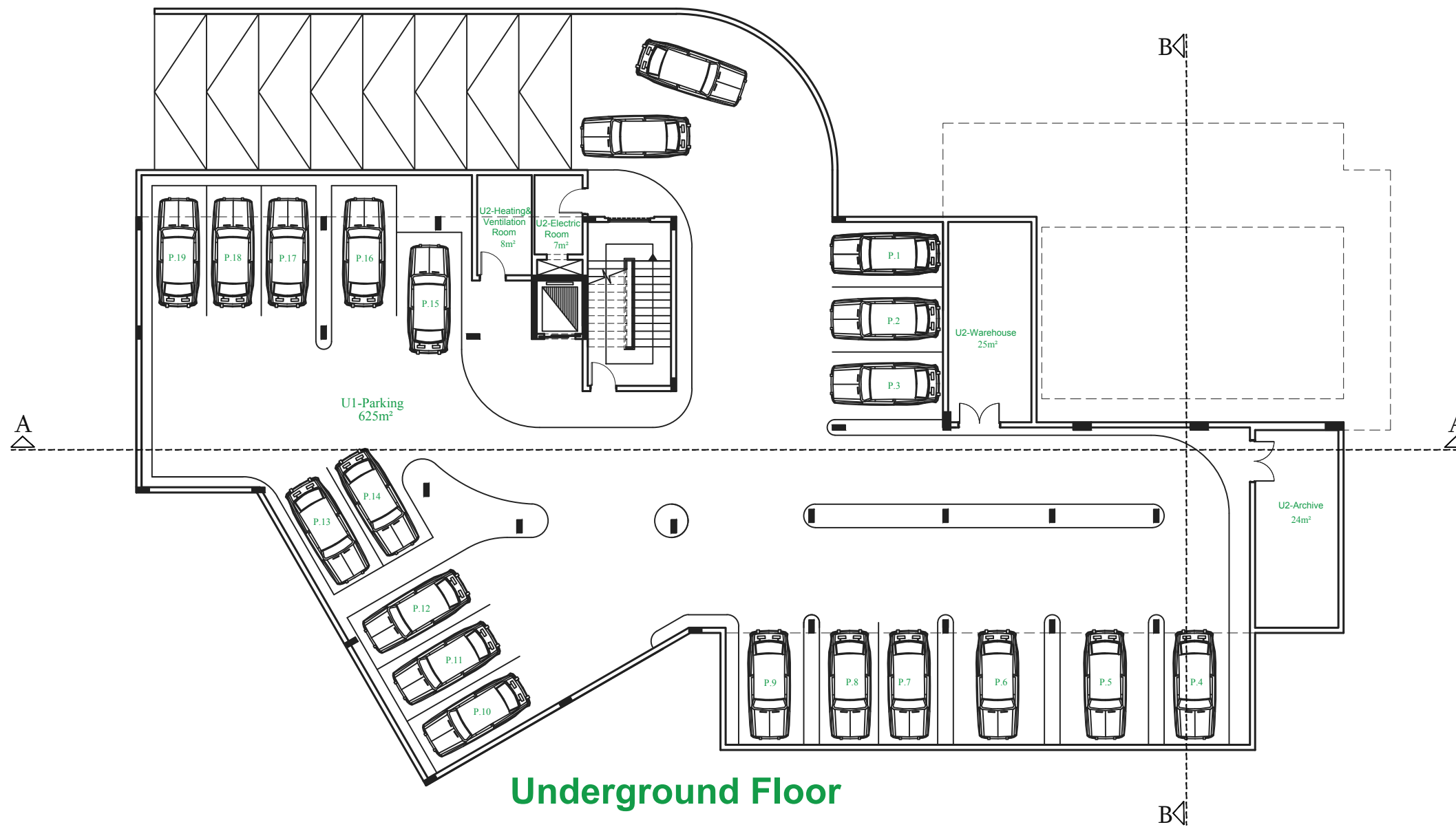
The green spaces were integrated into the building through the work of an internal courtyard that is used by visitors and children during their waiting period and by the workers, surrounded by glass walls connecting the inside of the building outside

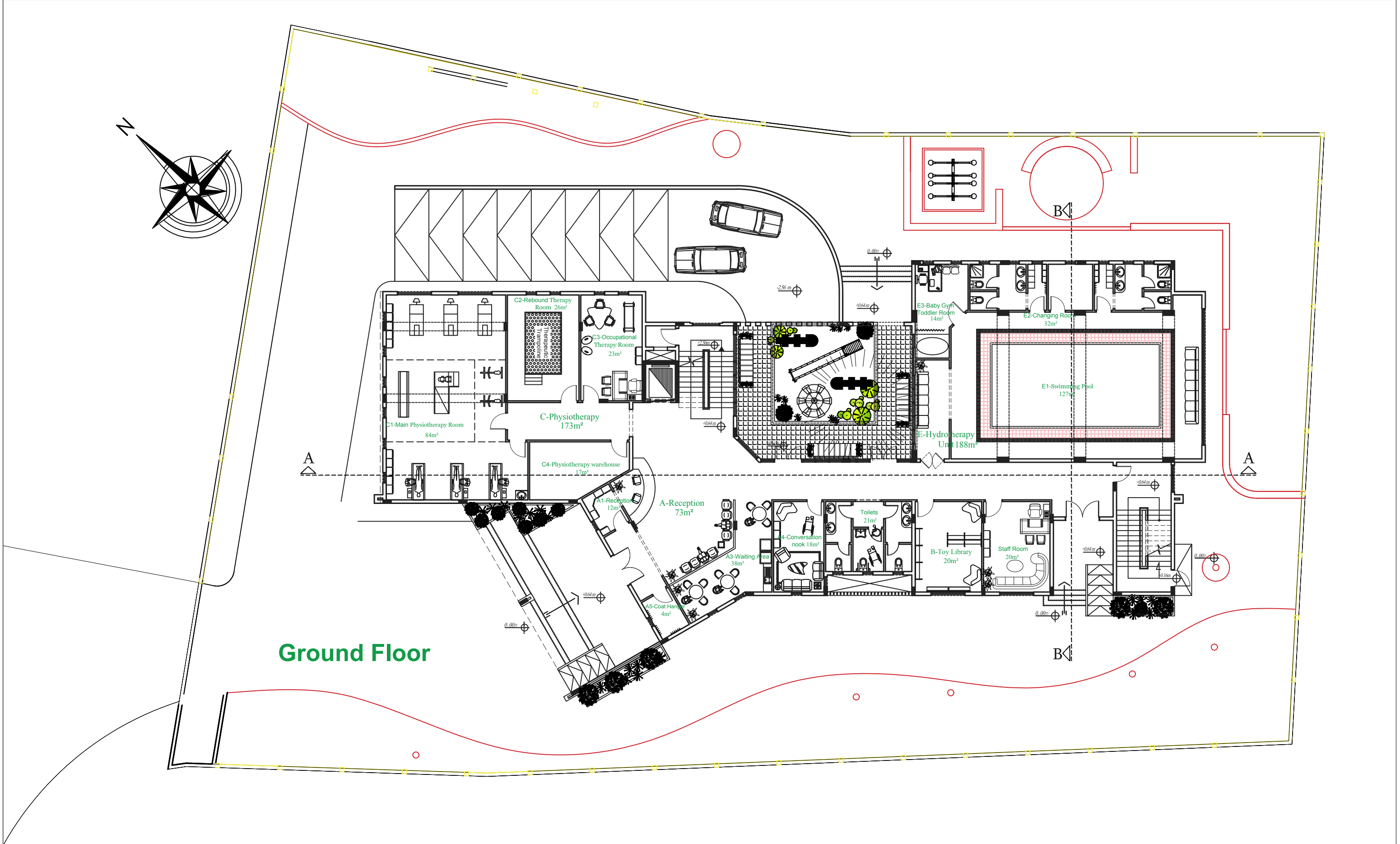
Three toilets are installed on each floor, one for men, one for females, and one for people with special needs

The position of the front desk allows him to supervise the entire entrances to the building

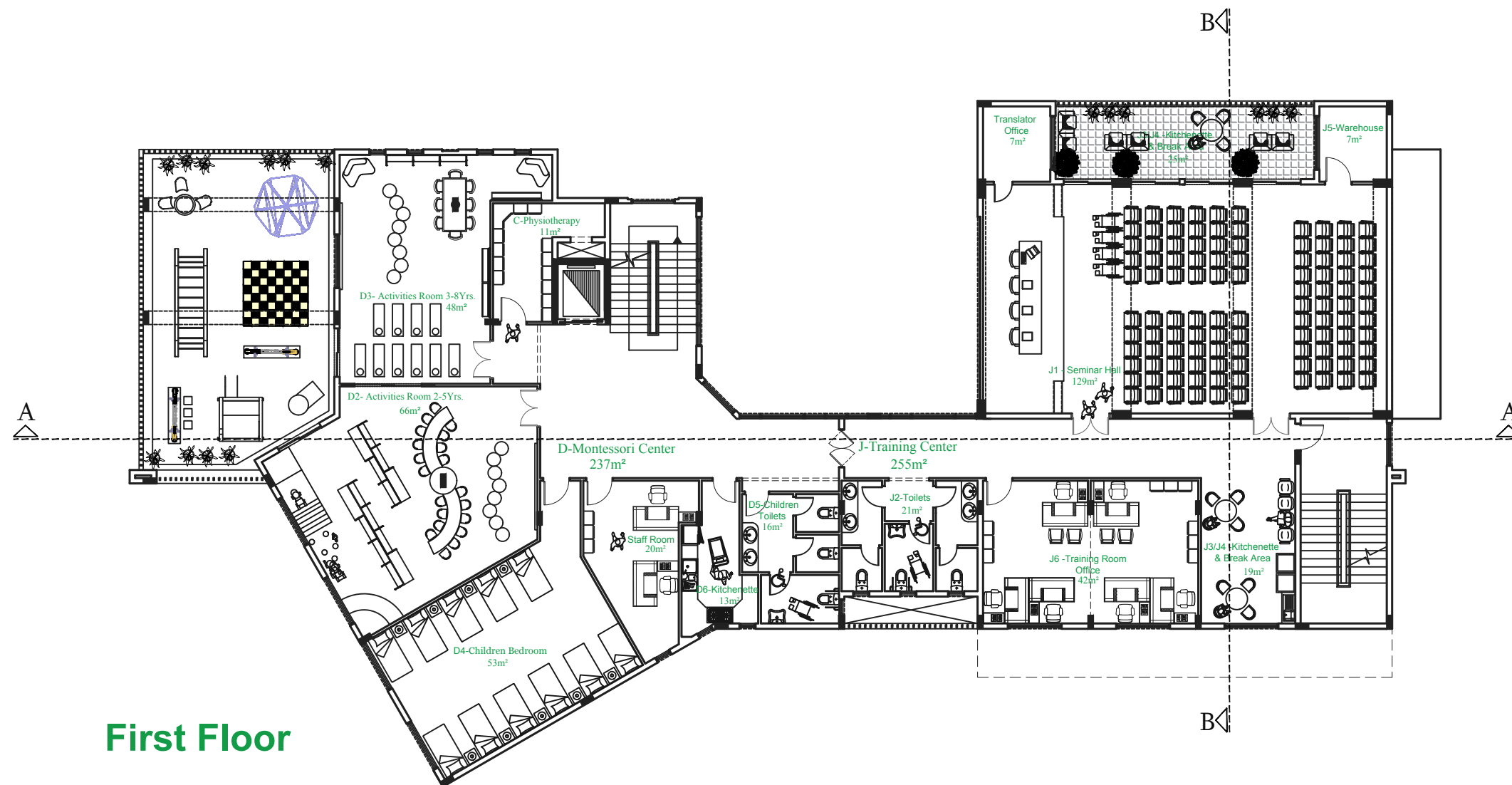
Children playing area attached with montessori center near of D3 & D2 and also the space D2 & D3 can open together to use it for more continuity and activity .

The seminar hall in training center have 108 seat with open space using for break time .

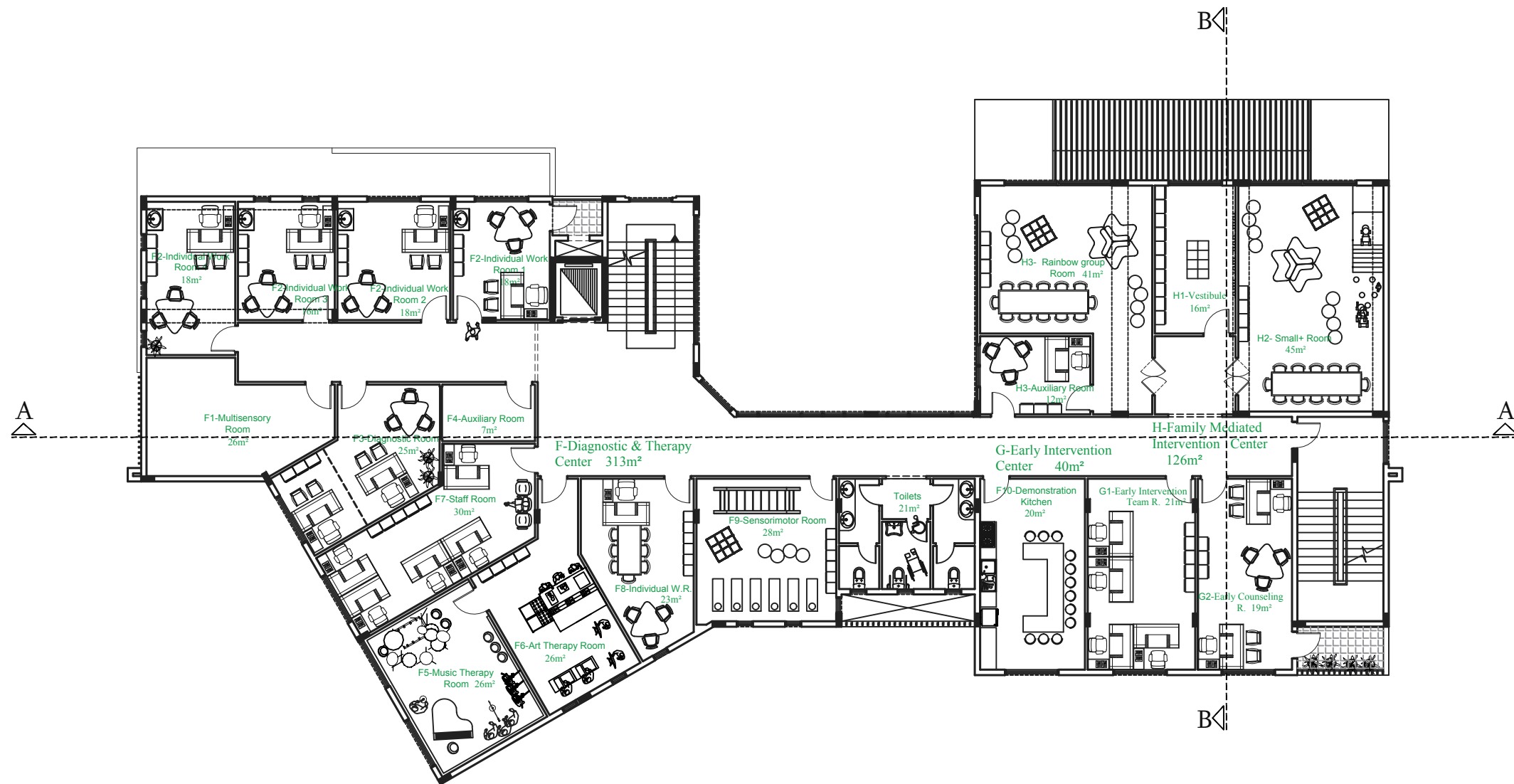




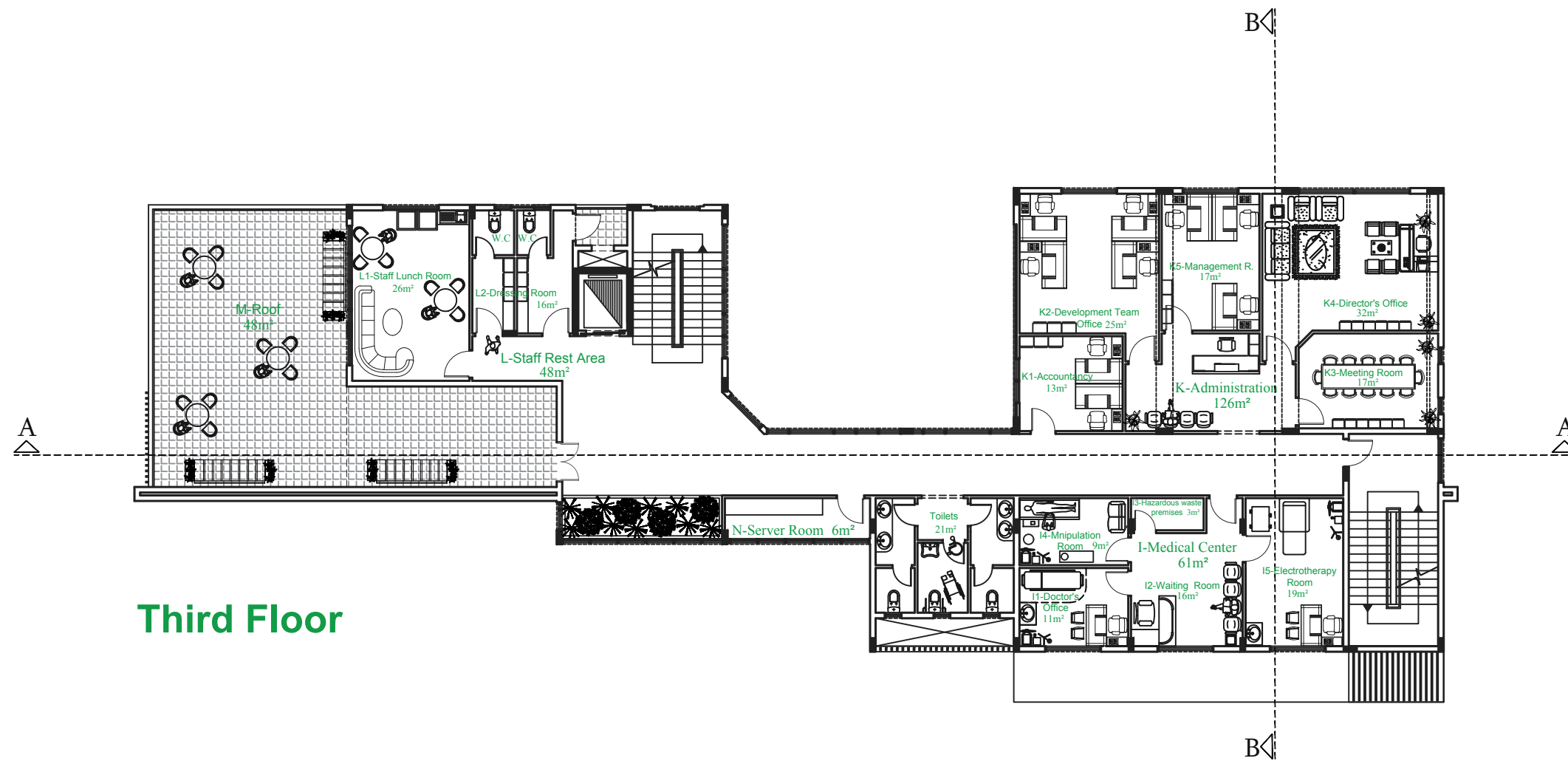
Ground Floor



First Floor



Second Floor



Third Floor