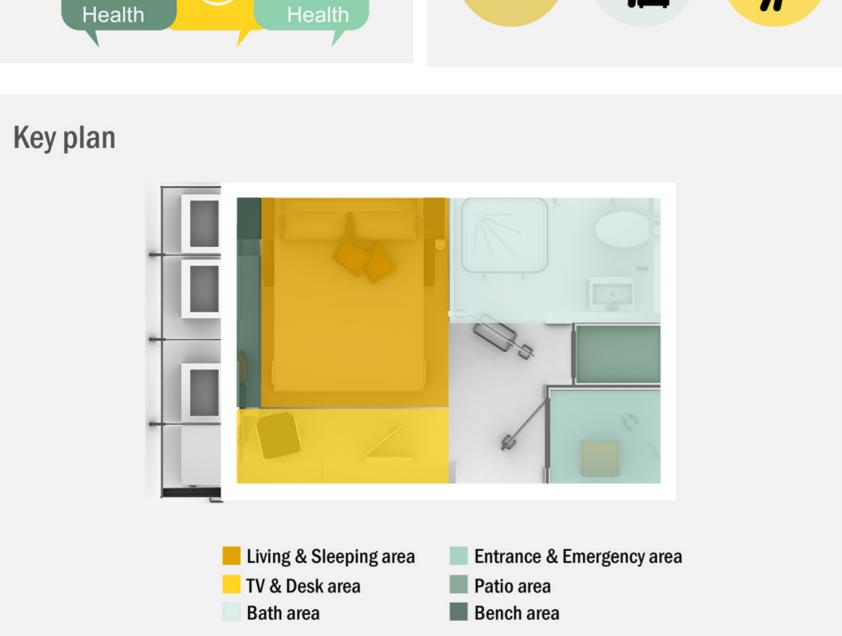




Sofa Bed



Infection prevention

provision of food,

water, and hygiene

facilities

family members

HOW?

The process:

facilities.

as their health.

Plan Designing Aims

Architectural plan

Medical assistance

& health monitoring

Diverse

entertainments

could use.

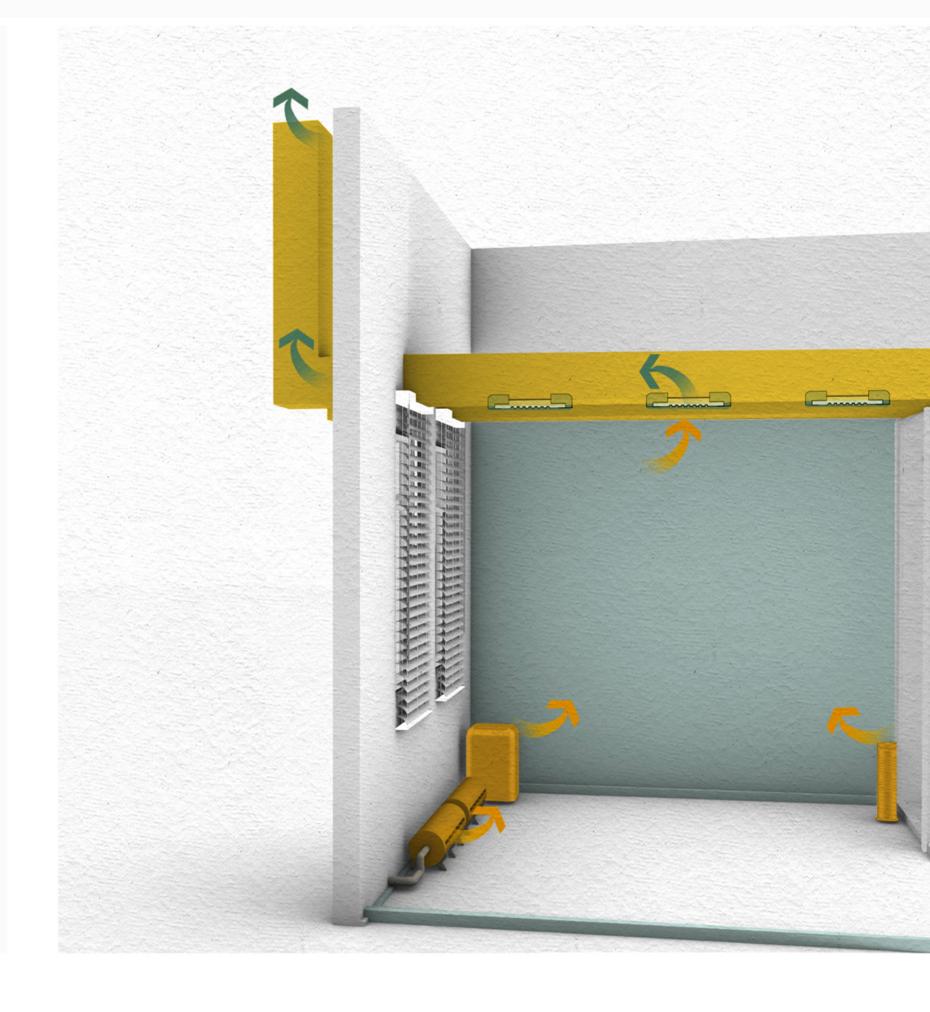
Paying attention to the needs of quarantined people and providing the required

Use of appropriate materials and ele-

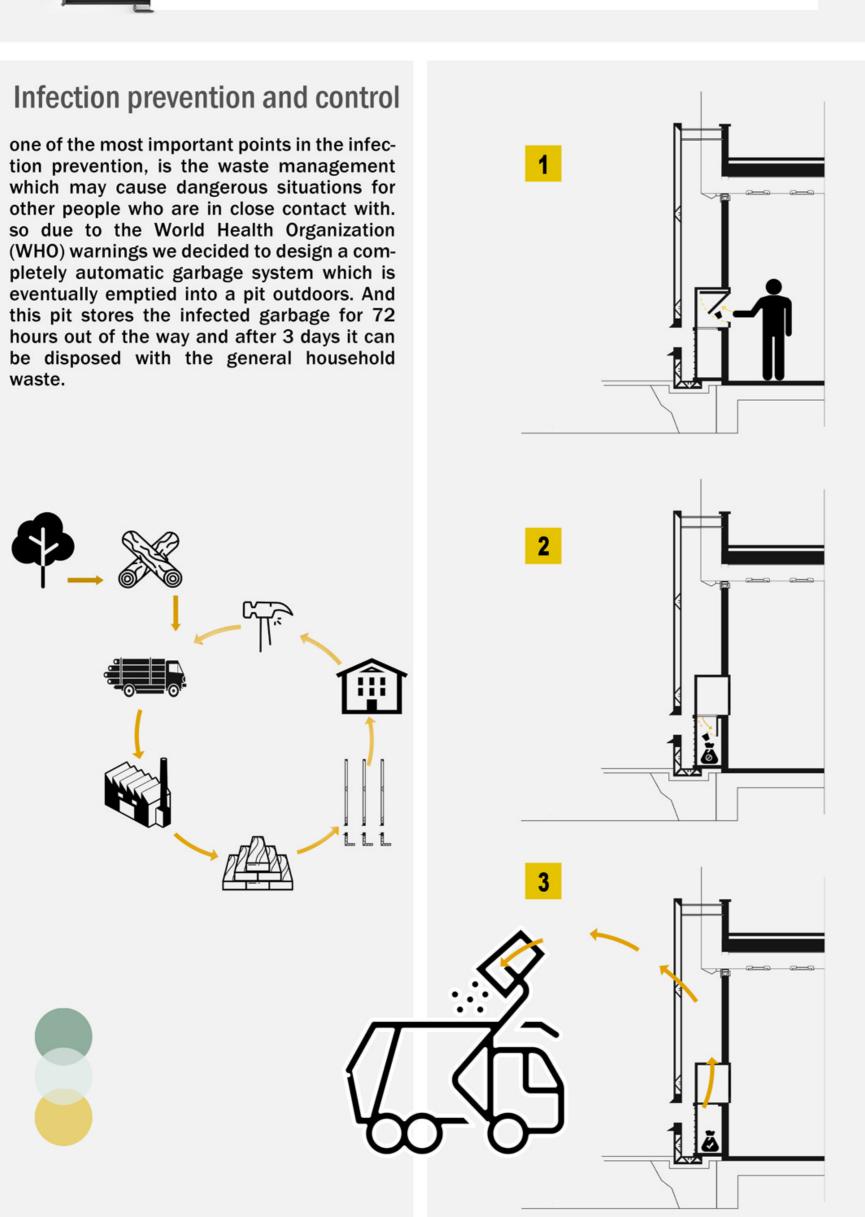
Requirements: considering the mental and physical condition of people as well

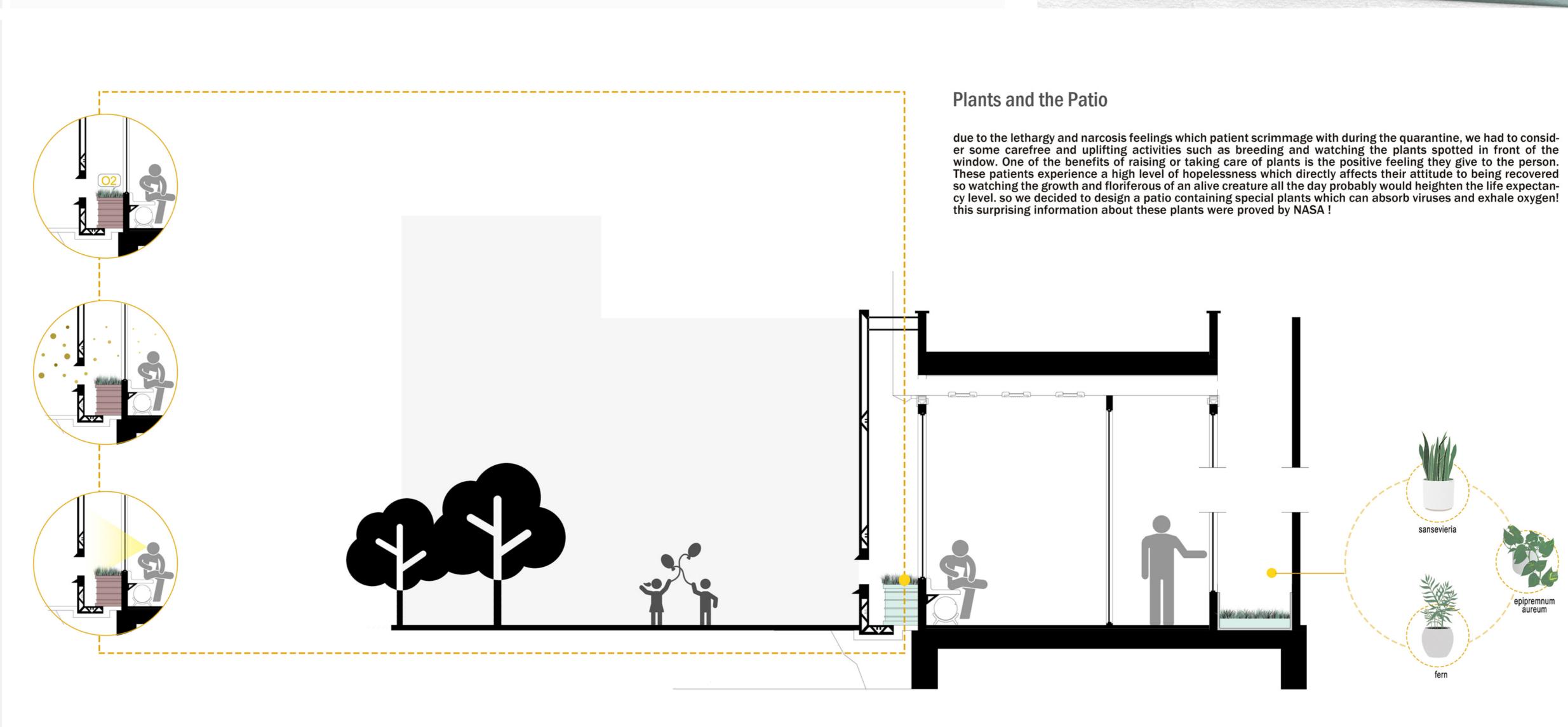


Double Bed Plug-in



Designing sofa beds which are completely compatible with the room dimentions was the most wisely decision that we made. due to this decision, we were not limited to the dimensions for facilitating the room. the weight of this dynamic bed is transfered is beared by a jack which is available and reachable all over th world these days. during the night patient can use the bed and during the day he /she can use the sofa for resting, watching tv and even reading . also the free area in front of the sofa is usable during the time that bed is standed upward.





Quarantine Pod Design

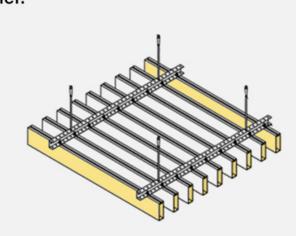
by Negar Soleimanpour, Fatemeh Heidari, Bahar Saebi safa

false ceiling of wooden louvers Due to the use of ducts to pass air, we used a false ceiling in the form of wooden louvers: The installation of these roofs is very simple and fast,

To install a wooden Louvre false ceiling, you must first install the carriers holding the wooden Louvre blades, which are usually made of galvanized material and are installed directly on the roof. Then the studs, which are usually made of galvanized, iron are installed. After installing the main carriers and holders, the wooden blades of the Louvre are installed.



Infrastructure is one of the most important parts of the installation. In fact, these structures are the connection between the main roof and the false roof and are usually executed in two lines perpendicular to each



Advantages of using Thermowood in wooden Louvre false ceilings: -Eco-friendly.

- Moisture and sound insulation -Resistant to decay and all kinds of insects and environmental factors

- It is very resistant to abrasion and discoloration.

-Easy to clean -Comfortable maintenance

- Thermal insulation

- Ability to cut to desired dimensions and

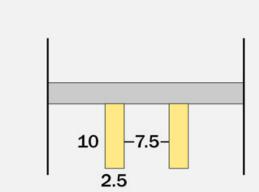
-Layer covering building facilities and equipment

-Low cost to repair

-recyclable

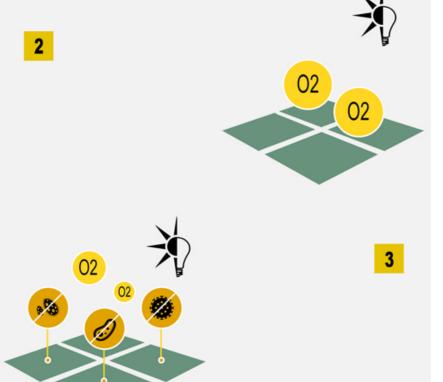
-Revive the sense of intimacy in space

We used wooden louvers with a size of 10 x 2.5 cm, And then we placed them at a distance of 7.5 cm from each other.





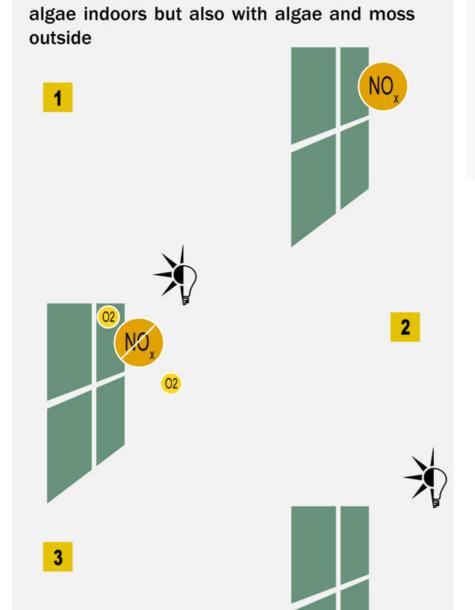
Hytect is a surface coating that AGROB BUCHTAL applies to ceramic tiles, permanently burning it into the ceramic surface at high temperatures. All of the beneficial properties of Hytect surface coating last for the entire life cycle of the tiles and can be used in a wide variety of areas.



Protect against bacteria The antibacterial effect of the surface kills bacteria, mould and germs. Oxygen is activated when Hytect interacts with light,

which breaks down the microorganisms. This

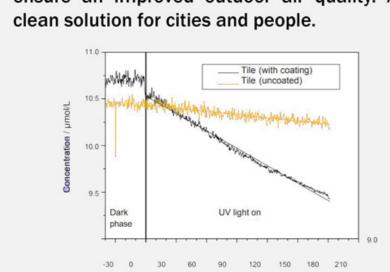
not only happens with bacteria, mould and

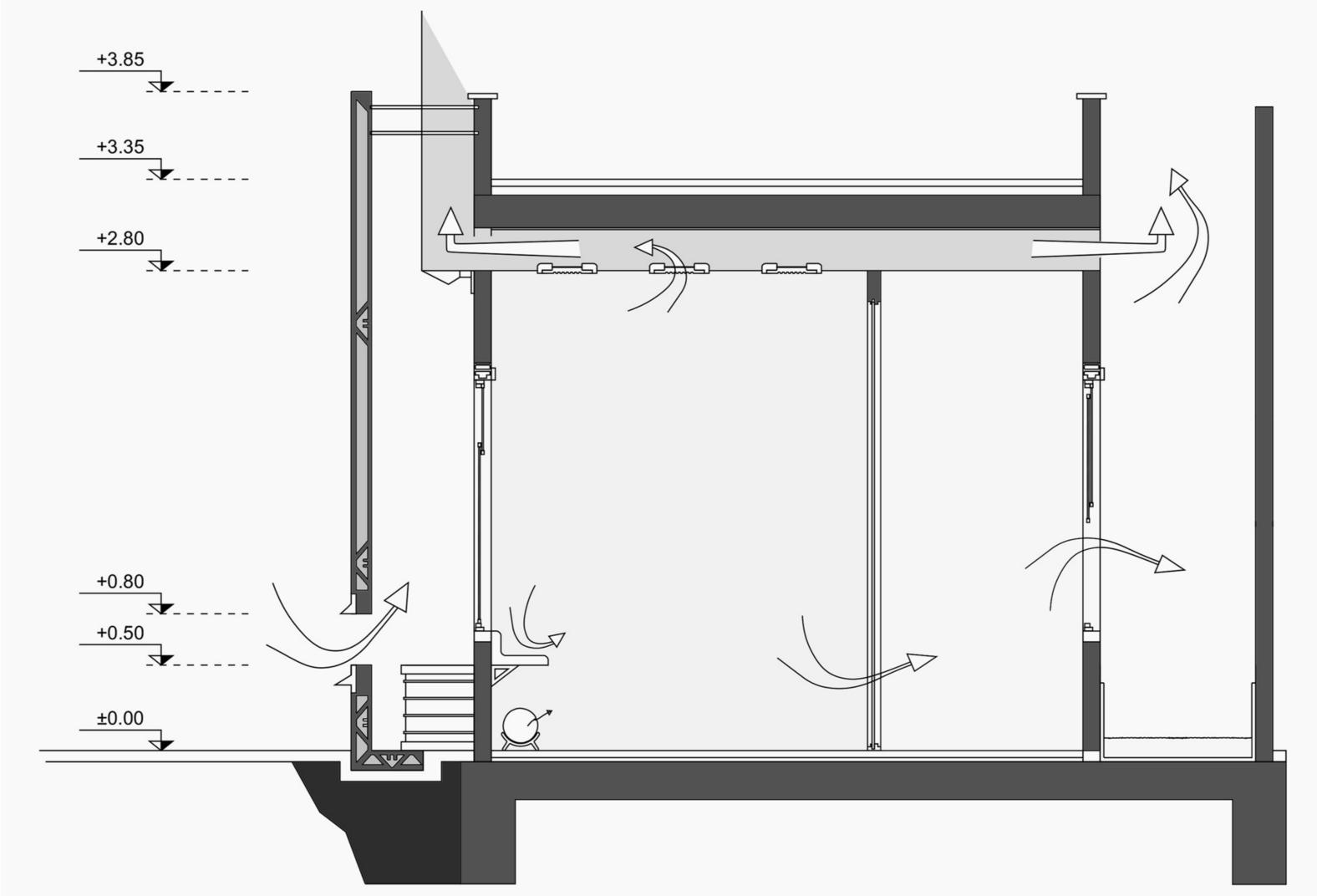


Improve Indoor & Outdoor climate

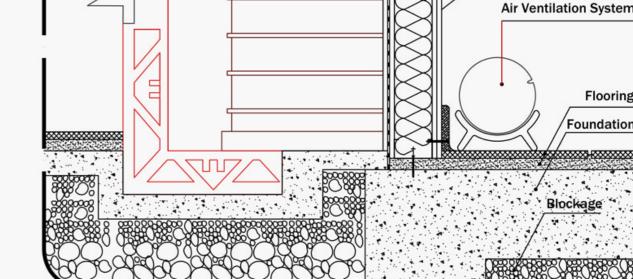
Hytect activates an air-purification process during which pollutants such as formaldehydes are neutralised. Tiles already represent a pleasant floor and wall covering as they do not emit any vapours. This has a positive impact in modern buildings in particular which are practically air-tight thanks to insulation.

Hytect facades neutralise pollutants such as NOx or formaldehyde over the entire life cycle of AGROB BUCHTAL ceramic tiles and actively ensure an improved outdoor air quality. A





Technical Section

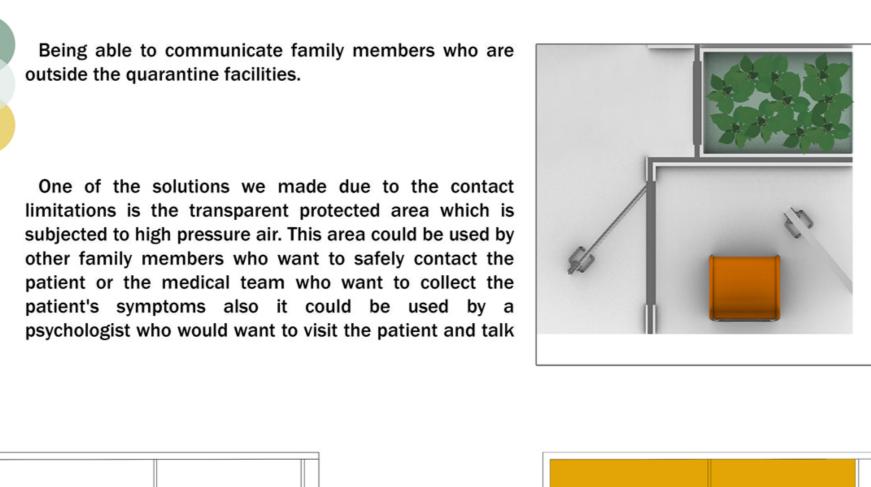


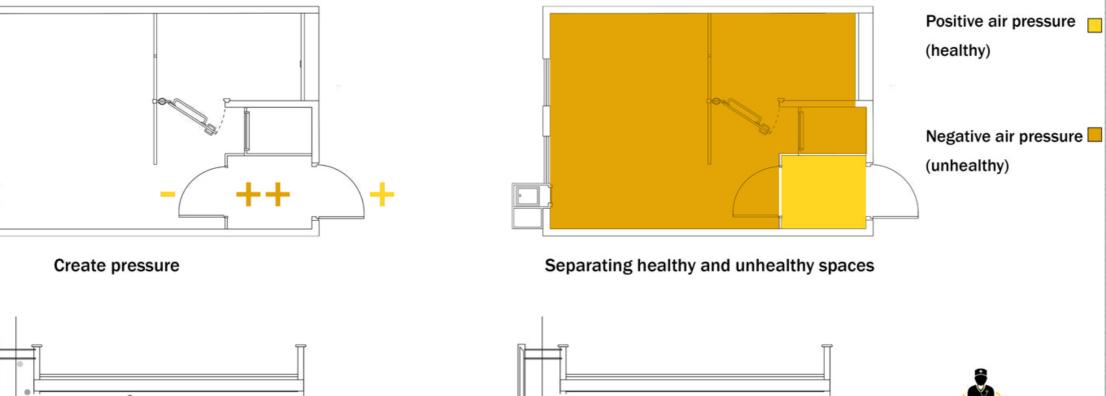
& Garbage bin

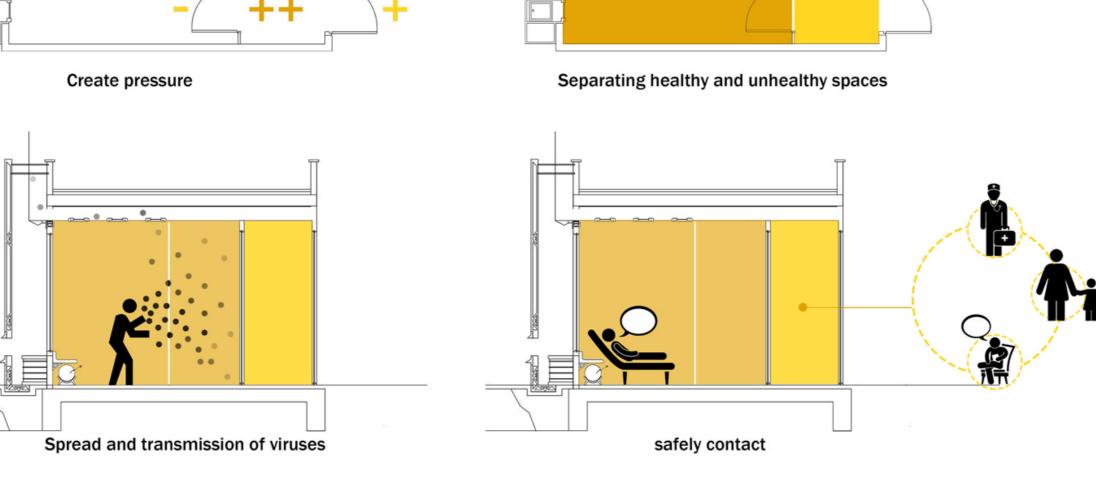
Glass partition & Wooden Profile

Porter Bar

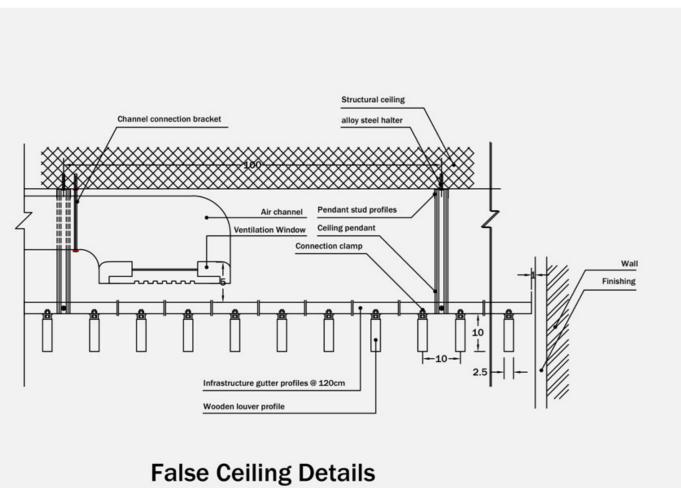
Wall Section SC:1/10



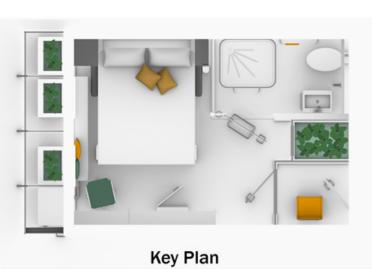


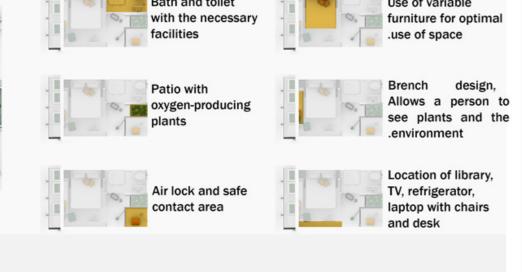


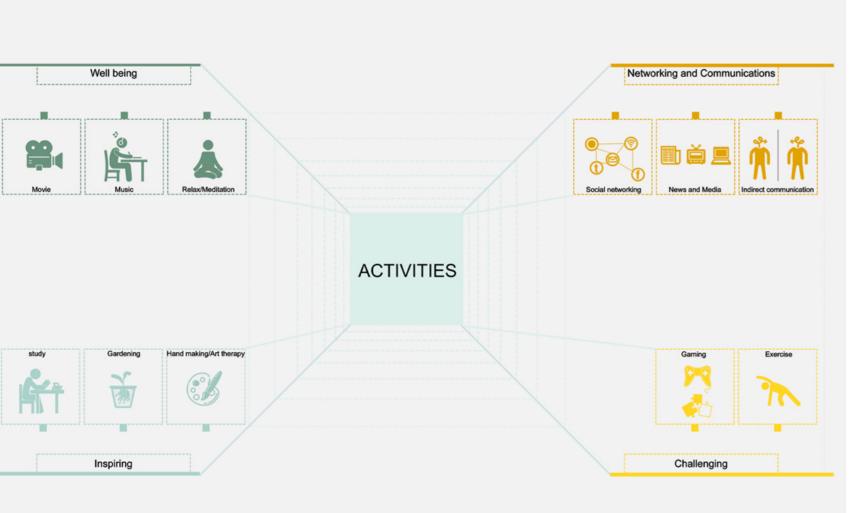


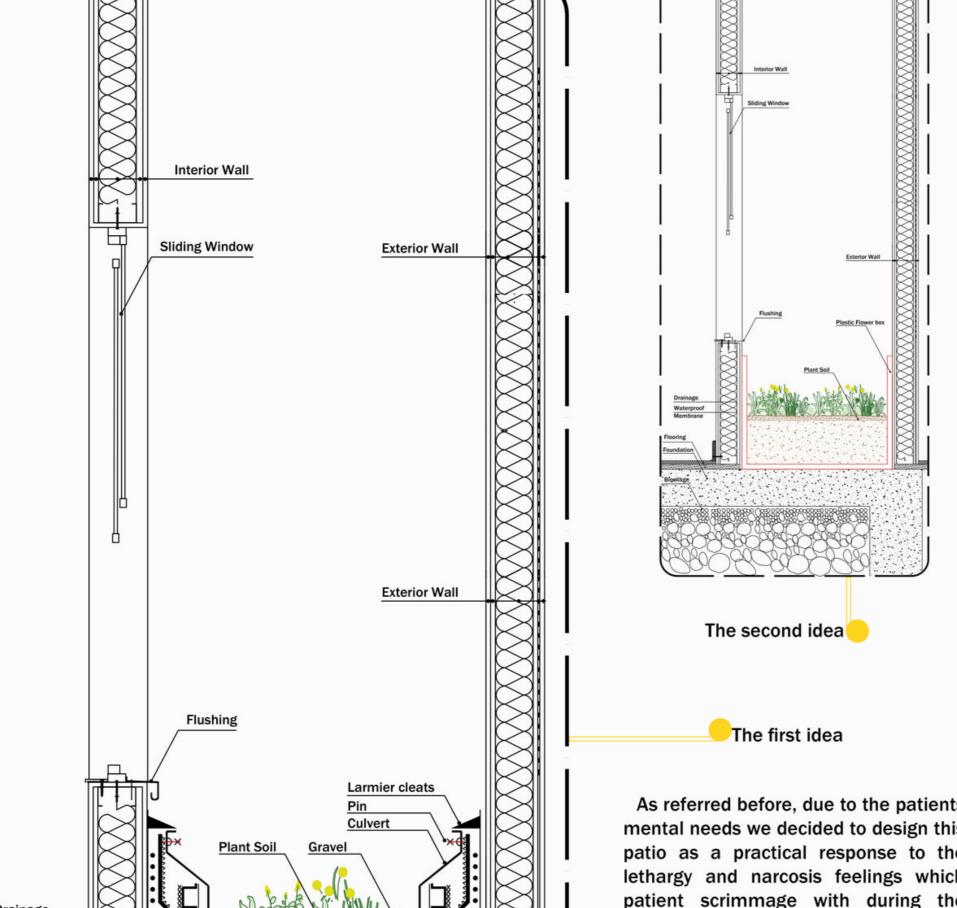


SC:1/10



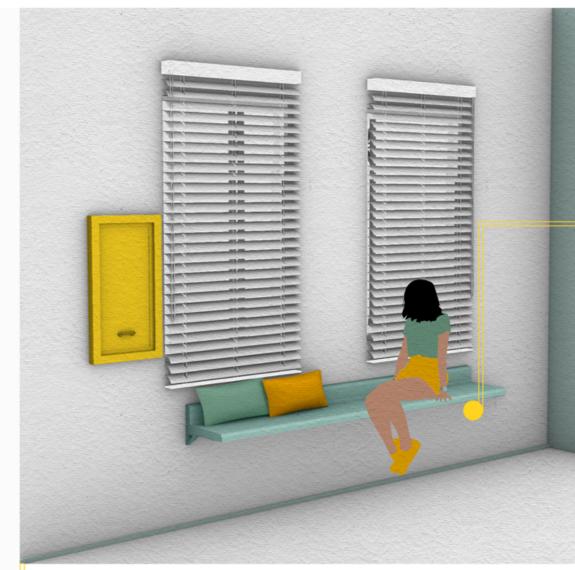




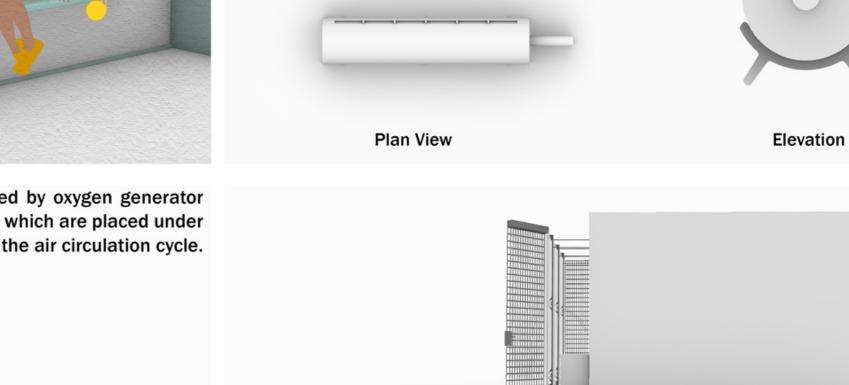


As referred before, due to the patients mental needs we decided to design this patio as a practical response to the lethargy and narcosis feelings which patient scrimmage with during the quarantine period. This patio contains special plants which can absorb viruses and exhale oxygen.

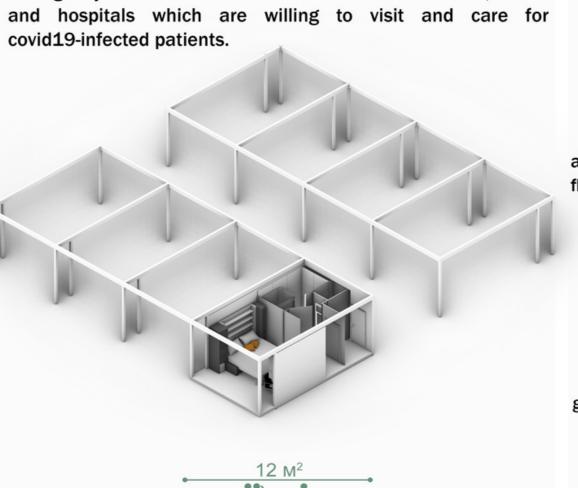
But there was a limitation which would maybe cast some doubts on the applicability of the layered structure in a short and limited time. Finally we decided to design 2 alternatives which perform both fast and slow construction in patio area. The first one is constructed as regular patios with layered materials including insulation and etc. and the other given alternative would be constructed in a fast way as like as other prefabricated structures.



The interior air ventilation is supported by oxygen generator and the filtration is done by HEPA filters which are placed under the couch, the best spot for completing the air circulation cycle.



Due to the designing requirements stating that we have to design a unit that is constructable in 3 main categories and shooting of garbage consisting residential, therapeutic and tourism hospitality, we decided to design an expandable unit which can be extended in emergency situations. This unit is executable at homes, hotels and hospitals which are willing to visit and care for



View of the additional section and shooting of garbage and flower boxes

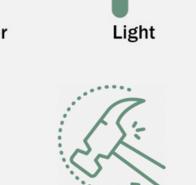
Perspective







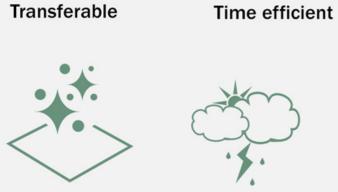






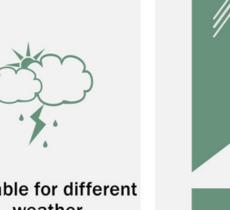






Abundance

Expandable



the spraying method was selected.

Antibacterial coating for glass

This product is an antibacterial and antifungal coating specially designed for glass substrates. The appearance of the paint is colorless and transparent, and the antibacterial function is

realized on the basis of retaining the original color and style of the substrate. This product is an antibacterial and antifungal coating specially

Water-based paint, safe and environmentally friendly, odorless; Colorless and transparent appearance, does not affect the color appearance of the substrate; Excellent adhesion; The antibacterial effect is strong, and the antibacterial

rate of large intestine, golden grape, Bai Nian, etc. is over 99%; Long-lasting efficacy, ultraviolet light irradiation for more than 100 hours, antibacterial does not decay; The method of use is flexi-

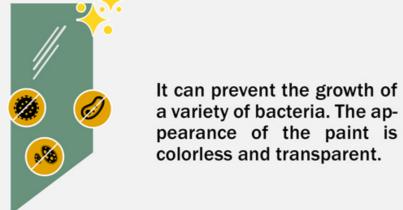
Depending on the charac-

teristics of the substrate,

ble and can be cured at room temperature.

designed for glass substrates.







Wall Section

