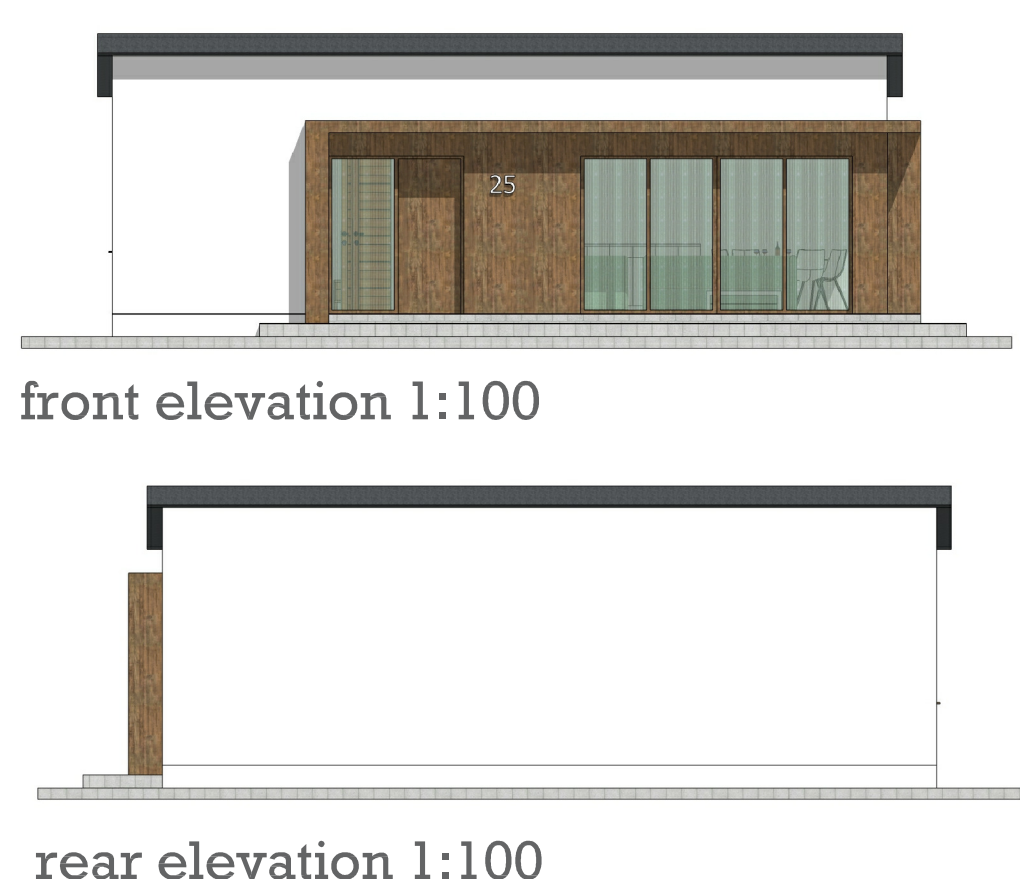


plan 1:50



rear elevation 1:100

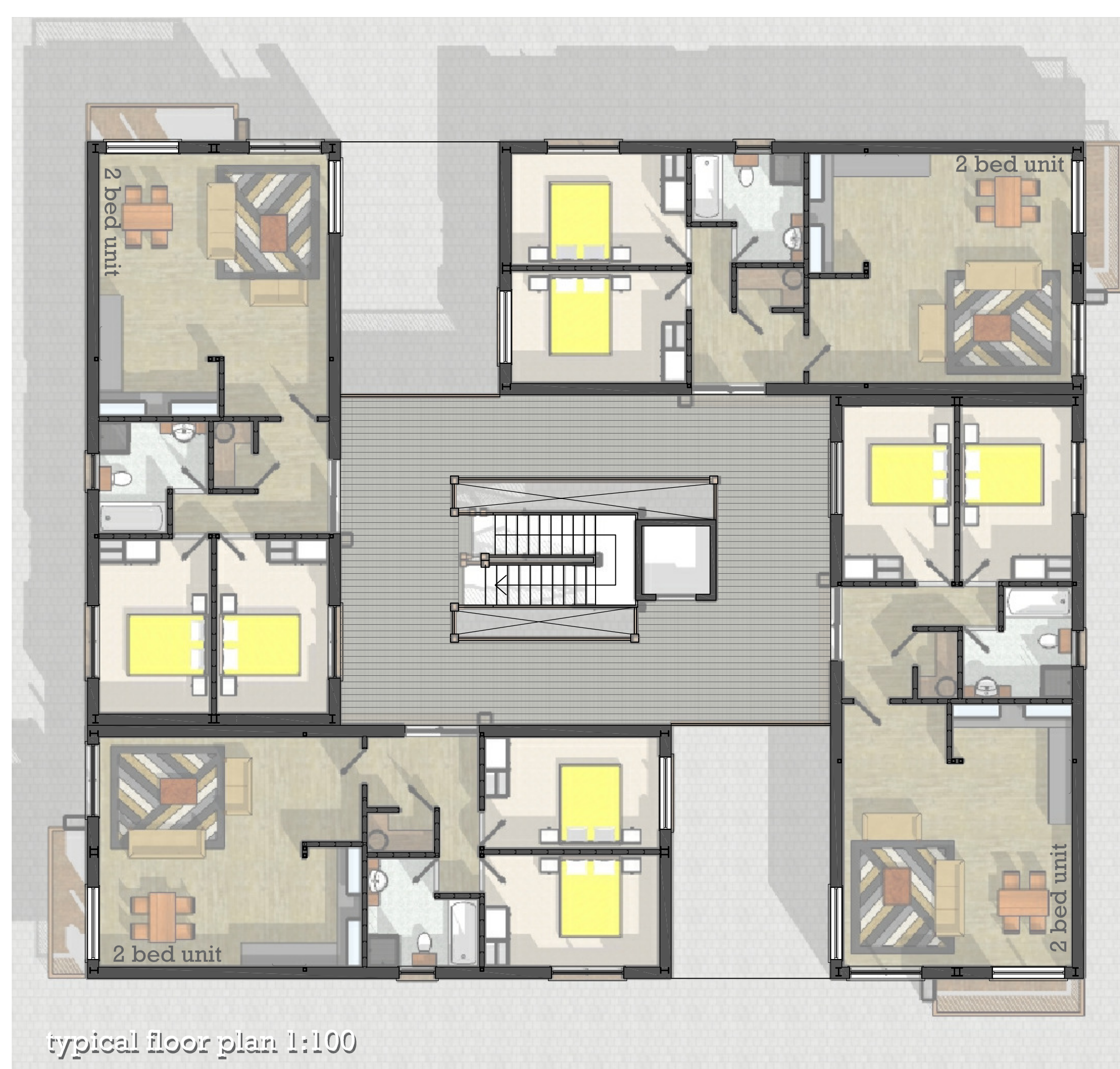


side elevation (right) 1:100

side elevation (left) 1:100



5 floor perspective



typical floor plan 1:100

## 5 FLOOR STACKED UNIT 4No. 2 Bed Units Per Floor

ROOM	DIMS (m)	AREA (sqm)
Living	5.7x5.2	29.64
M/Bed	4.4x2.9	12.76
Bath	2.7x2.4	6.48
H/P	1.1x0.9	0.99



1 bed perspective

## 1 BEDROOM UNIT

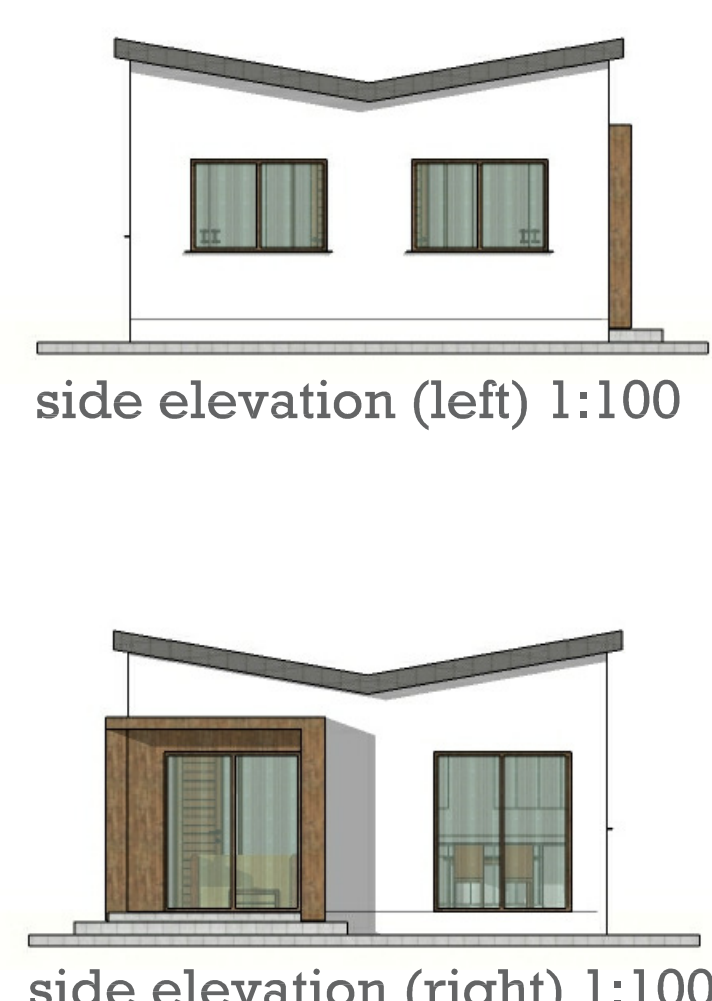


plan 1:50



front elevation 1:100

rear elevation 1:100



side elevation (left) 1:100

side elevation (right) 1:100

ROOM	DIMS (m)	AREA (sqm)
Living	6.8x5.7	37.62
M/Bed	4.4x2.8	12.32
Bed 2	4.4x2.8	12.32
Bath	2.8x2.7	6.53
H/P	1.7x1.0	1.70



2 bed perspective

## 2 BEDROOM UNIT



plan 1:50



front elevation 1:100

rear elevation 1:100



side elevation (right) 1:100

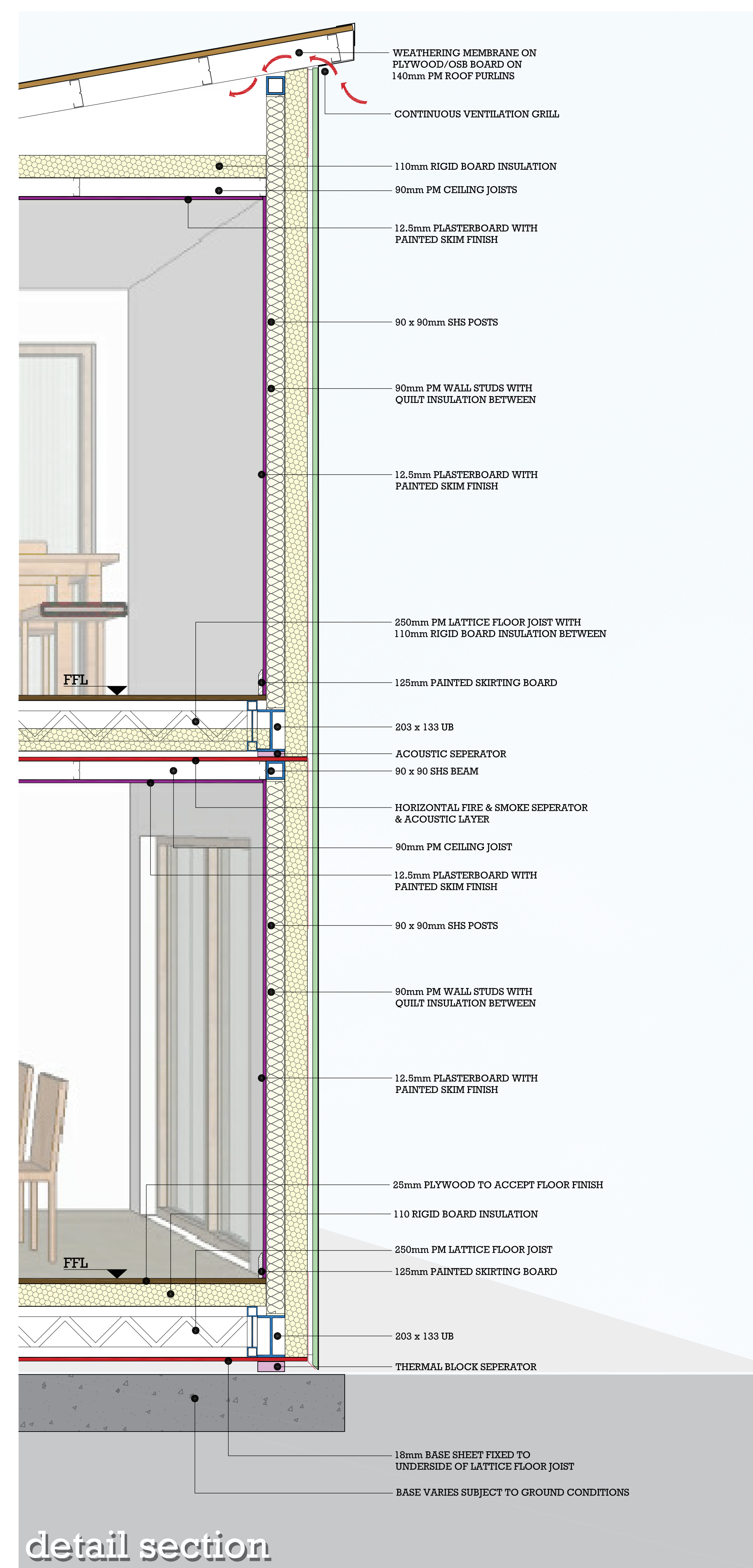
side elevation (left) 1:100

ROOM	DIMS (m)	AREA (sqm)
Living	8.5x5.7	48.45
M/Bed	5.4x2.9	15.66
Bed 2	4.2x2.9	12.18
Bed 3	4.4x2.9	12.76
Bath	2.9x2.7	7.83
H/P	1.4x1.0	1.40



3 bed perspective

## 3 BEDROOM UNIT



detail section

### Modular Homes Ireland

The concept is to provide new accommodation which allows Modern living conditions with bright and comfortable units which comply with Building regulations and standards and are fast and efficient to erect on green field and infill sites as required. The new steel framed system allows this maximum flexibility for the designer, to ensure that any fit is possible within the modular framework.

On display are 3 No Single storey units showing a 1, 2 and 3 bed unit, these units can be on site and occupied within one week of arriving. The design allows for maximising day light within the living areas of the house and at the same time providing an insulated Part L compliant unit with spacious accommodation for each unit type. The units perform to a B1 BER rating.

The units can also be stacked for infill or provisions of higher densities of numbers. Allowing for a two storey arrangement they can be served by a stairway only. From 3 - 5 storey units there is a requirement under Part M for lift access to ensure full compliance with Building regulations. The design arrangements of the stacked units can be fully within the control of the designer for the project and the units can be manufactured with door / window locations, size, etc. set to suit scheme details. Balconies can be provided as required, with thermally broken steel connectors back to structural frame to avoid cold bridging to the unit.

### The Units consist of the follow make up:

Hot Rolled steel frame with spray insulated 90mm cold rolled steel studding within main structure, 90mm quilted insulation between studs and 15mm fireline board and skim finish to internal face. 110mm rigid insulation to external face with vapor barrier and 25mm galvanized top hat section, 18mm magnesium board fitted with Acrylic finish to selected colour.

External envelope is constructed with steel frame, insulated box with magnesium board and acrylic finish - the colour of this finish can be diverse as the designer wishes. Areas of relief are offered with the introduction of Parklex Timber finish. A selection of finishes can be provided for this relief feature.

The Butterfly roof system is comprised of a steel frame set above the insulated unit below with a fiberglass roofing solution finish. Each unit will be fitted with a solar panel to optimise energy efficiency. This roofing system is not only esthetically beautiful is also reduces the cost of rain water goods by concentrating water to a central valley and removing the need for gutters on eaves.

Double glazed PVC windows and Composite secure front door to each unit. Spec on Kitchen and bathroom goods to be agreed with client on order.