



Modular Houses Catalog





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PREFABRICATED BUILDINGS



01

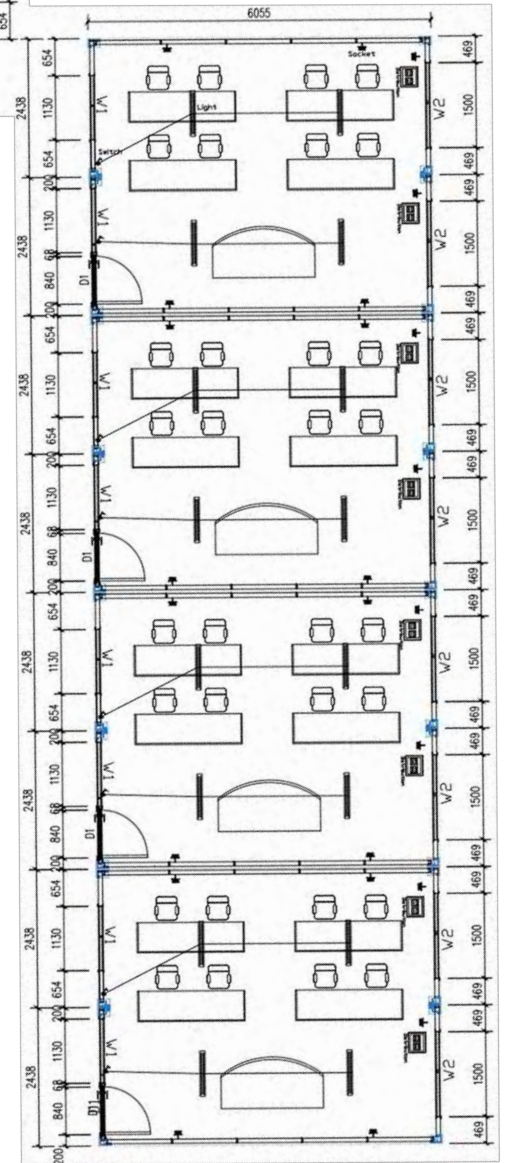
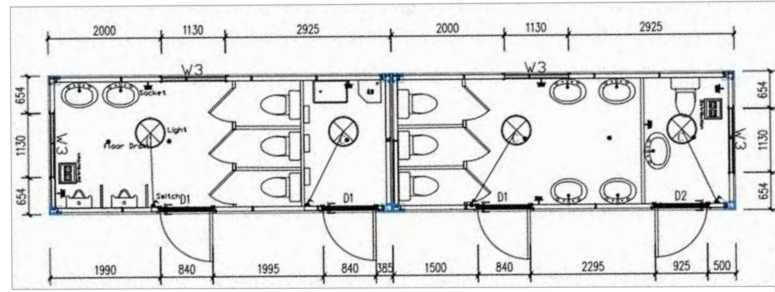
MODULAR HOUSES



Antigua and Barbuda

1. Project Type: Flat pack container house
2. Usage: Classrooms and public restrooms

3. Size(Length/Width/Height)(m):
19.504*6.055*2.896
12.11*2.438*2.896



Layout Plan



1. Project Type: Flat pack container house
2. Size(ft): 20ft*11units
3. Usage: Dormitory and bathroom

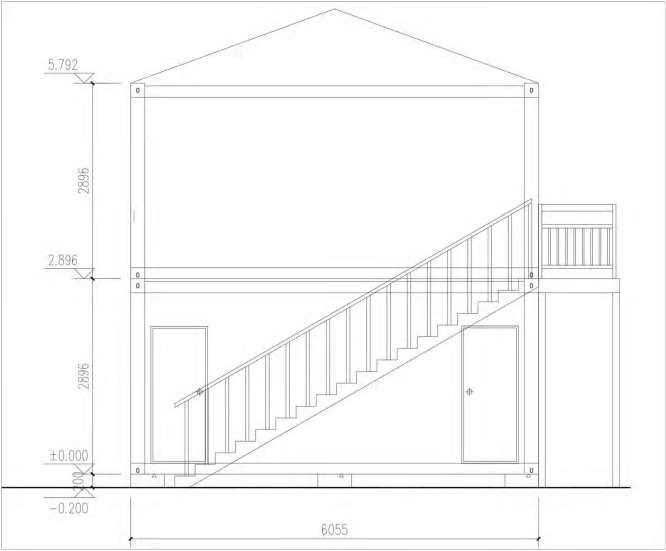
4. Wall Material: 75mm rock wool sandwich panel
5. Window: Plastic steel window
6. Door: Steel door



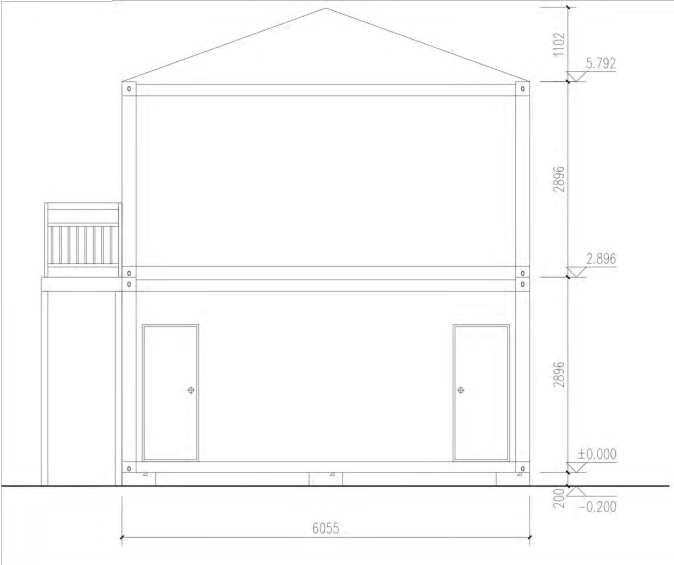
Front Elevation1:50



Back Elevation1:50



Left Elevation1:50



Right Elevation1:50



Georgia

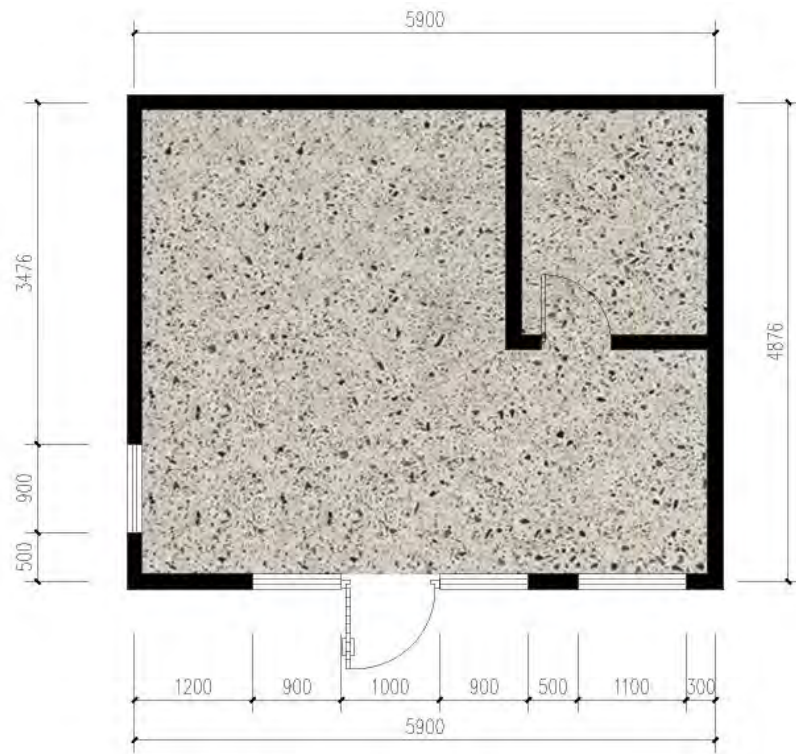
1. Project Type: Flat pack container with decorations

2. Usage: Lounge

3. Size(Length/Width/Height)(m):

8.200*4.876*3.100

5.100*4.876*3.100



Layout Plan (Size:5.100*4.876*3.100)



Layout Plan (Size:8.200*4.876*3.100)



CASE STUDY



CASE STUDY



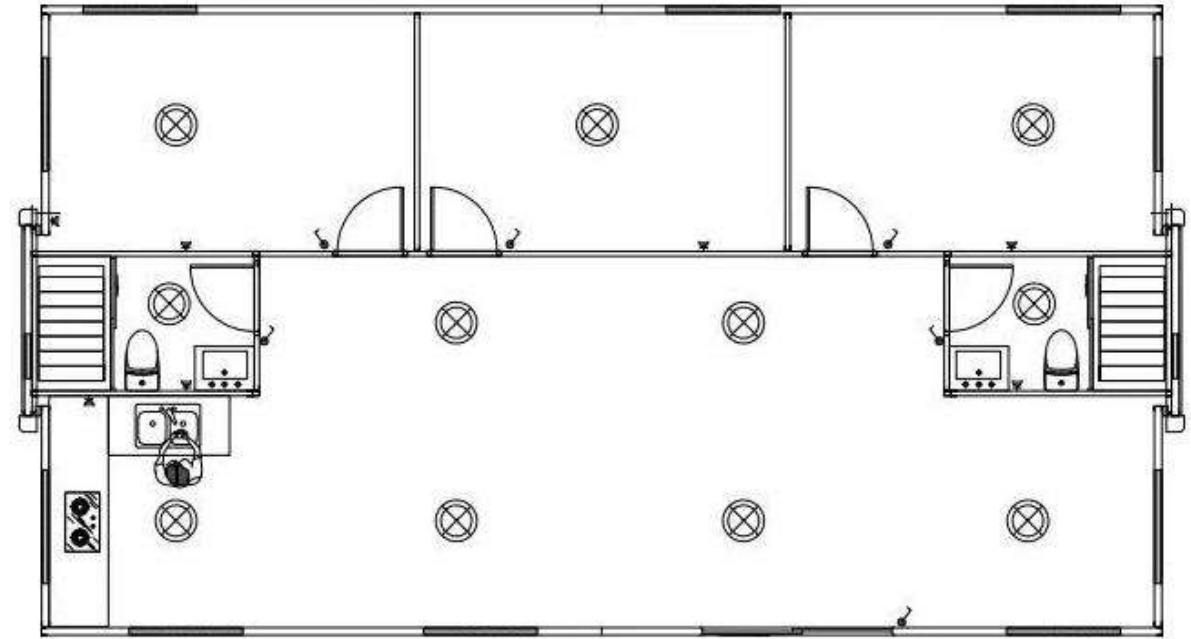


Hawaii, United States of America

1. Project Type: Expandable container house
2. Size(Length/Width/Height)(m): 11.8*6.29*2.48
3. Usage: Living House

4. Building Area: 74.22 m²

5. Number of Floors: 1 floor



Layout Plan

6. Roofing Material: 75mm EPS panel
7. Wall Material: 75mm rock wool panel

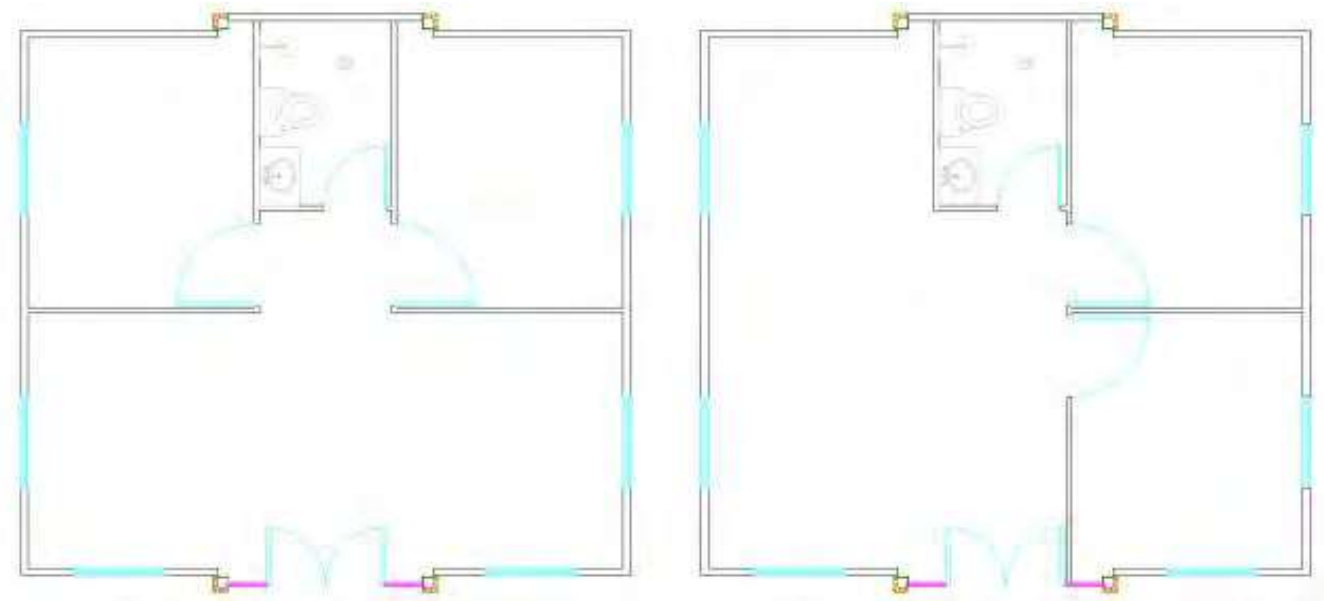


Papua New Guinea

1. **Project Type:** Expandable container house
2. **Size(Length/Width/Height)(m):** 5.85*2.25*2.48
3. **Usage:** Office

4. **Roof Material:** 0.4mm steel sheet+75mm rock wool

5. **Wall Material:** 0.4mm steel sheet+50mm rock wool+0.4mm steel sheet+Metal carved board



Layout Plan

6. **Window:** Aluminum alloy hollow sliding window
7. **Door:** Steel door

CASE STUDY





Florida, USA

1. Project Type: Modified shipping container house

2. Size(Length/Width/Height)(m):

12.191*2.438*2.896/40'*8'*9.5'

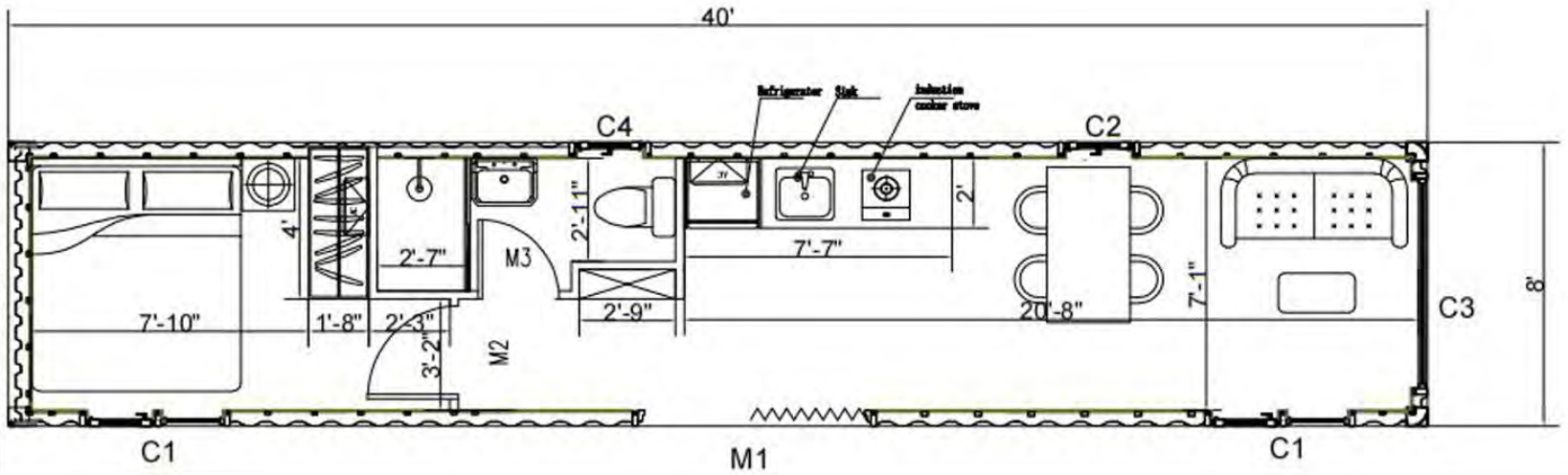
3. Usage: Single-occupancy residence, Double-occupancy residence



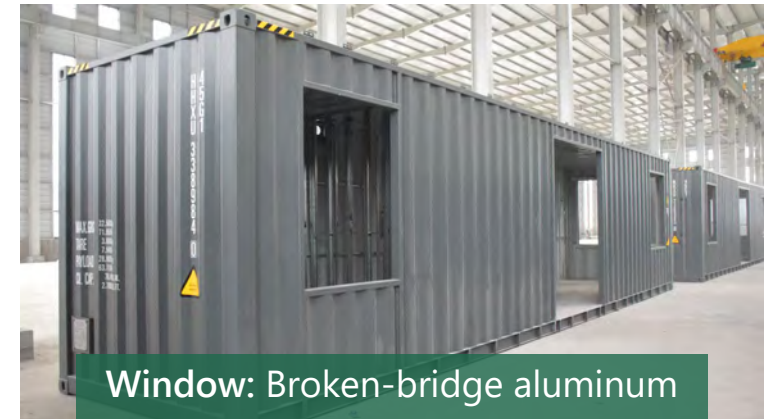
Roof Material: Polyurethane spray + 12mm Mgo board + white waterproof putty + latex paint



Wall Material: Polyurethane spray+ 12mm Mgo board+white waterproof putty+atex paint



Layout Plan



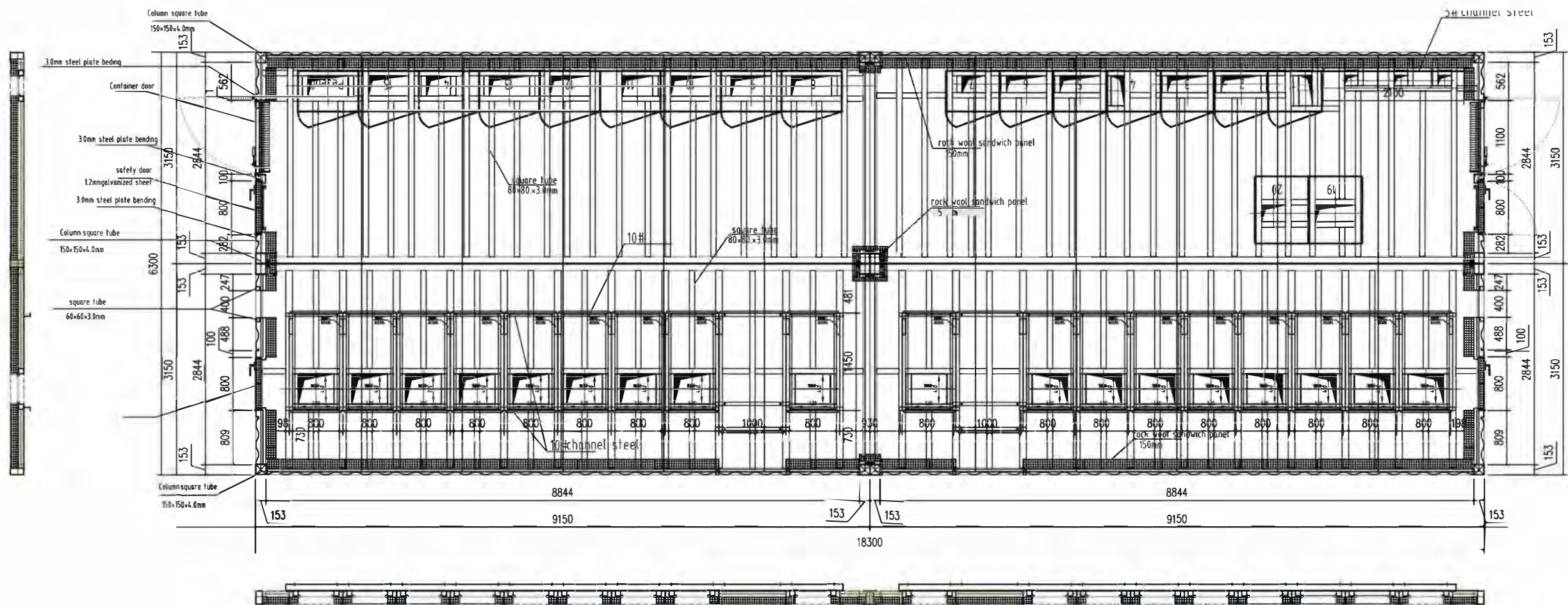
Window: Broken-bridge aluminum insulated windows, complying with the U.S. CSA and NFRC certification



Abagaitui, Russia

1. Project Type: Equipment container
2. Size(Length/Width/Height)(m): 18.3*6.3*3.4
3. Usage: Container type substation

4. Wall and Floor Insulation: 50mm-thick PU spraying+150mm-thick rock wool sandwich panel
5. Roof Insulation: 50mm-thick PU spraying +100mm-thick rock wool sandwich panel







Brisbane, Australia

1. Project Type:

Shipping container house (3 bedrooms)

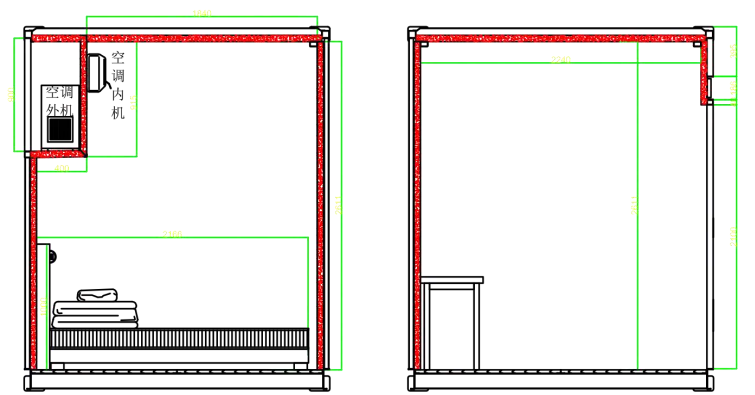
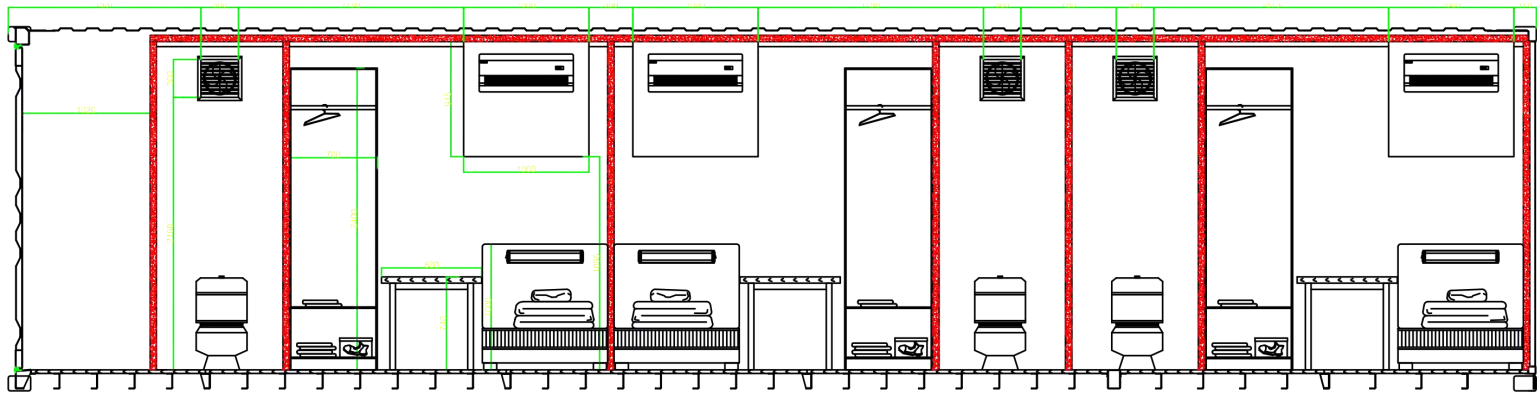
2. Size(Length/Width/Height)(m):

12.191*2.438*2.896/40'*8'*9.5'

3. Usage: Worker accommodation

4. **Wall&Ceiling:** 50mm fireproof rockwool sandwich panels(with PU for side sealing)

5. **Floor:** PVC floor leather

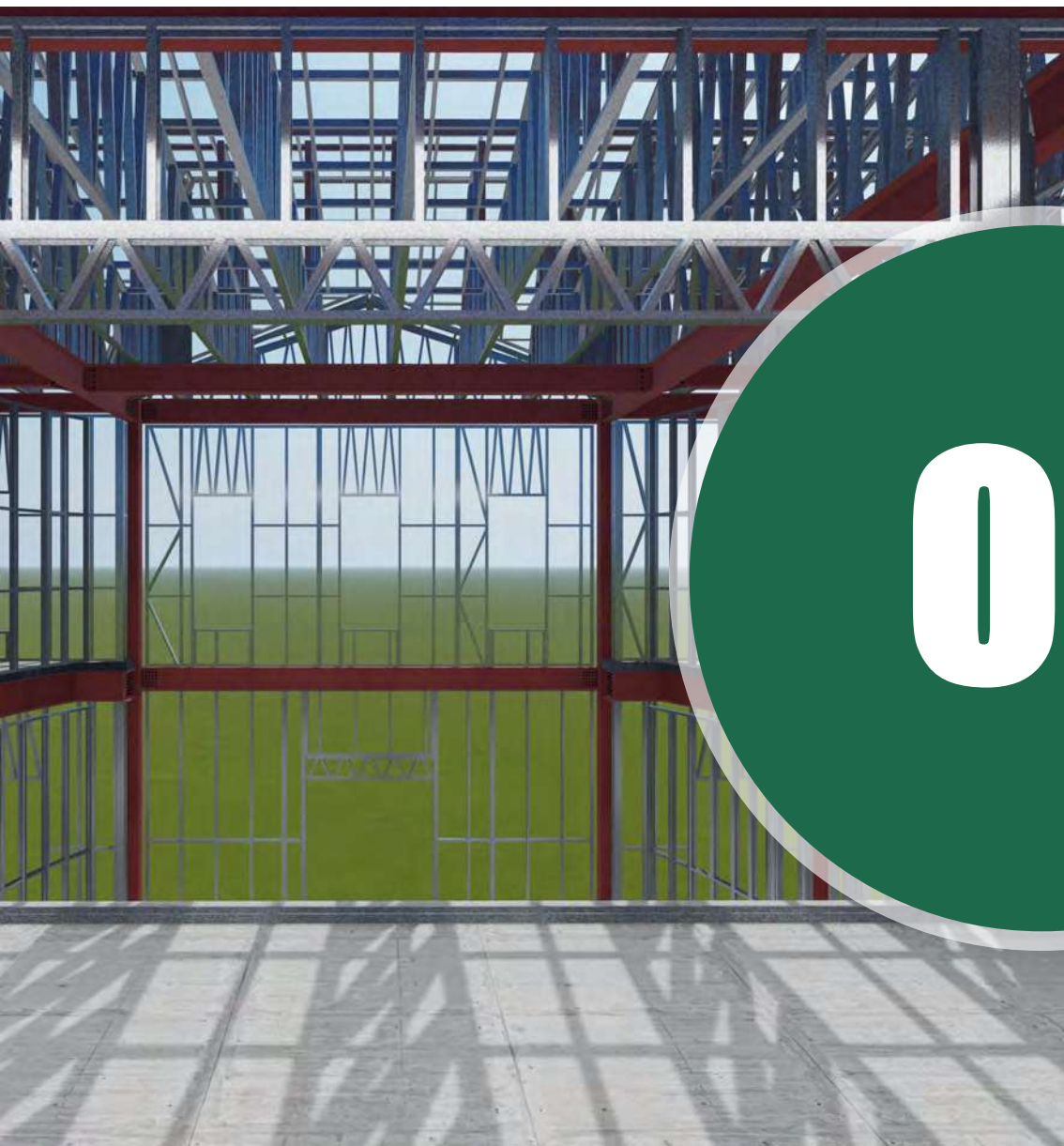


Layout Plan



CASE STUDY





02

LIGHT STEEL HOUSES



 Germany

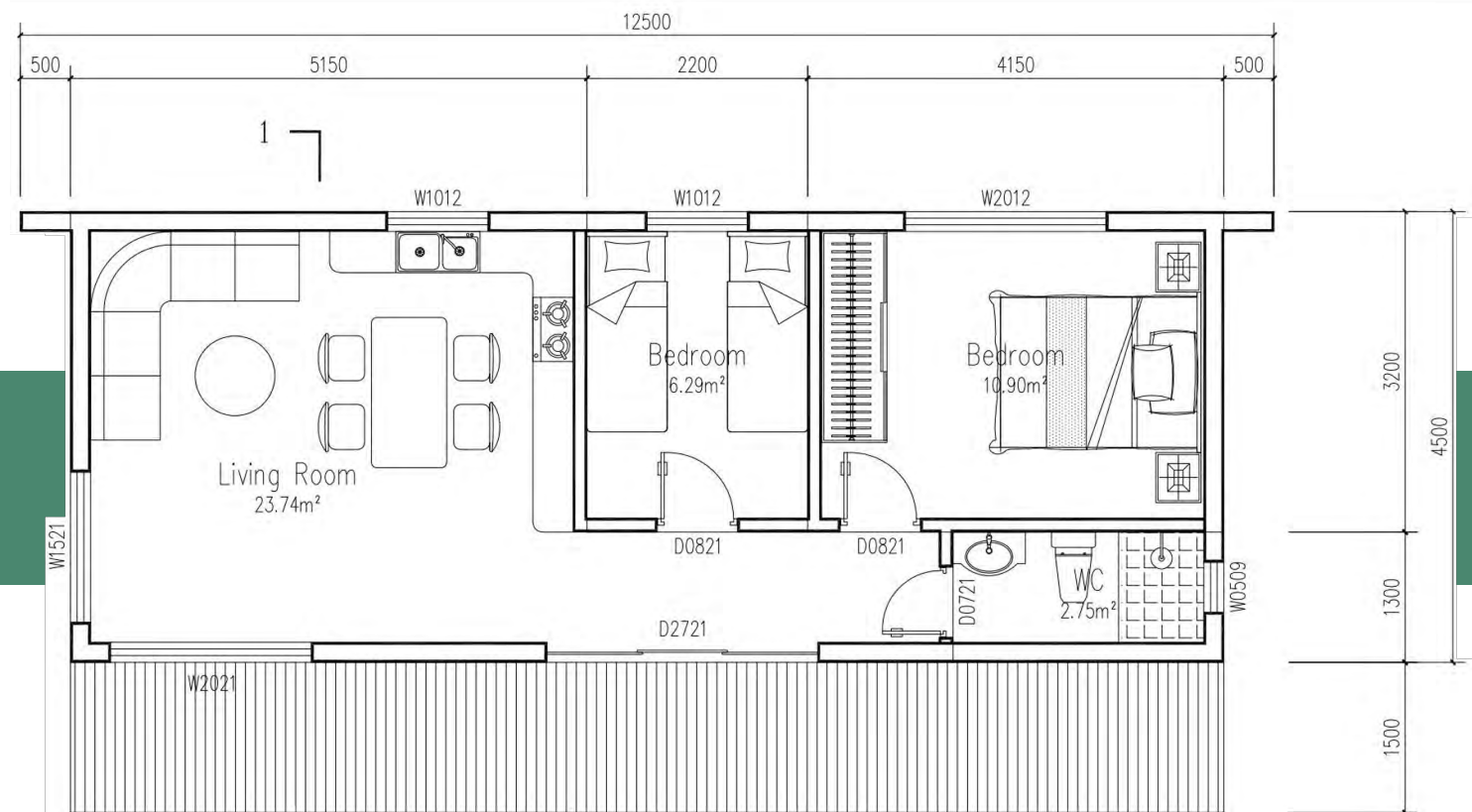
1. Project Type: Light steel house

2. Size(Length/Width/Height)(m): 12.5*6*2.89

3. Usage: Living house

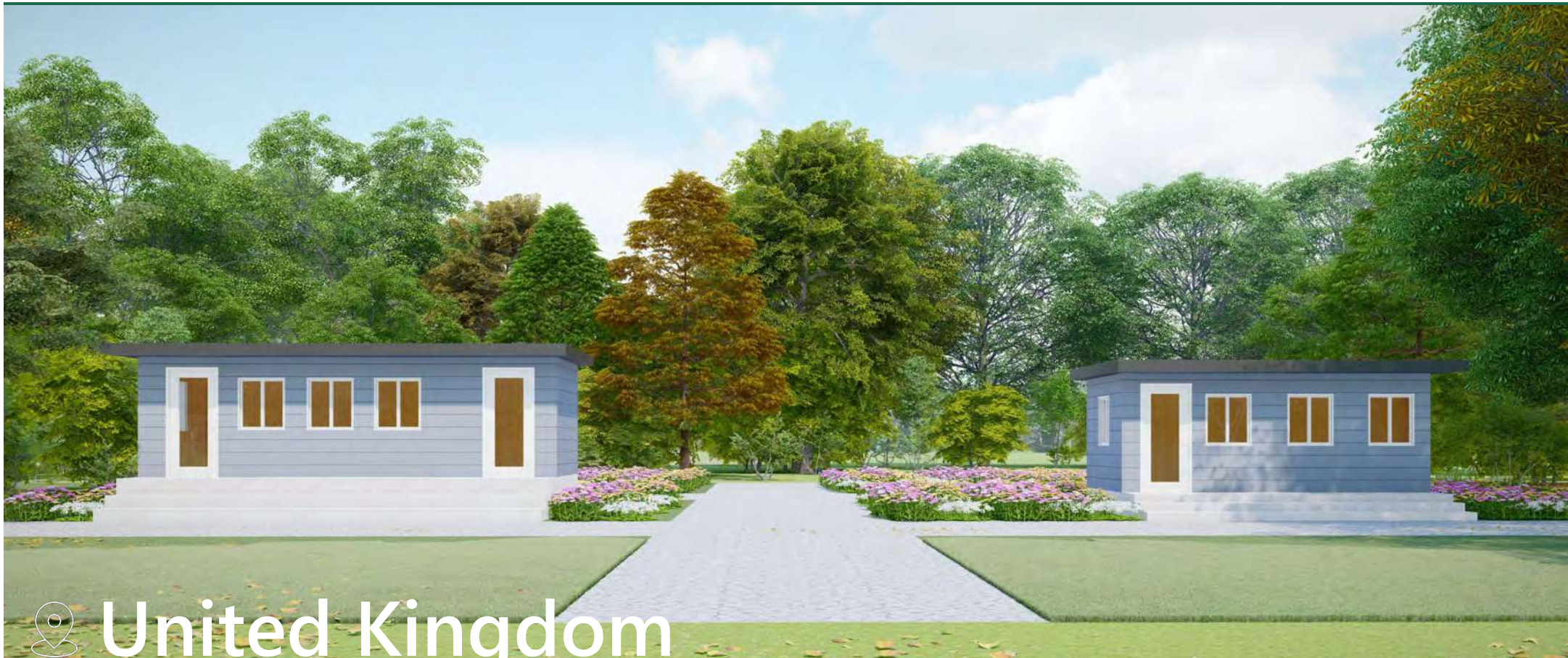
4. Building Area: 75m²

5. Number of Floors: 1 floor



Layout Plan

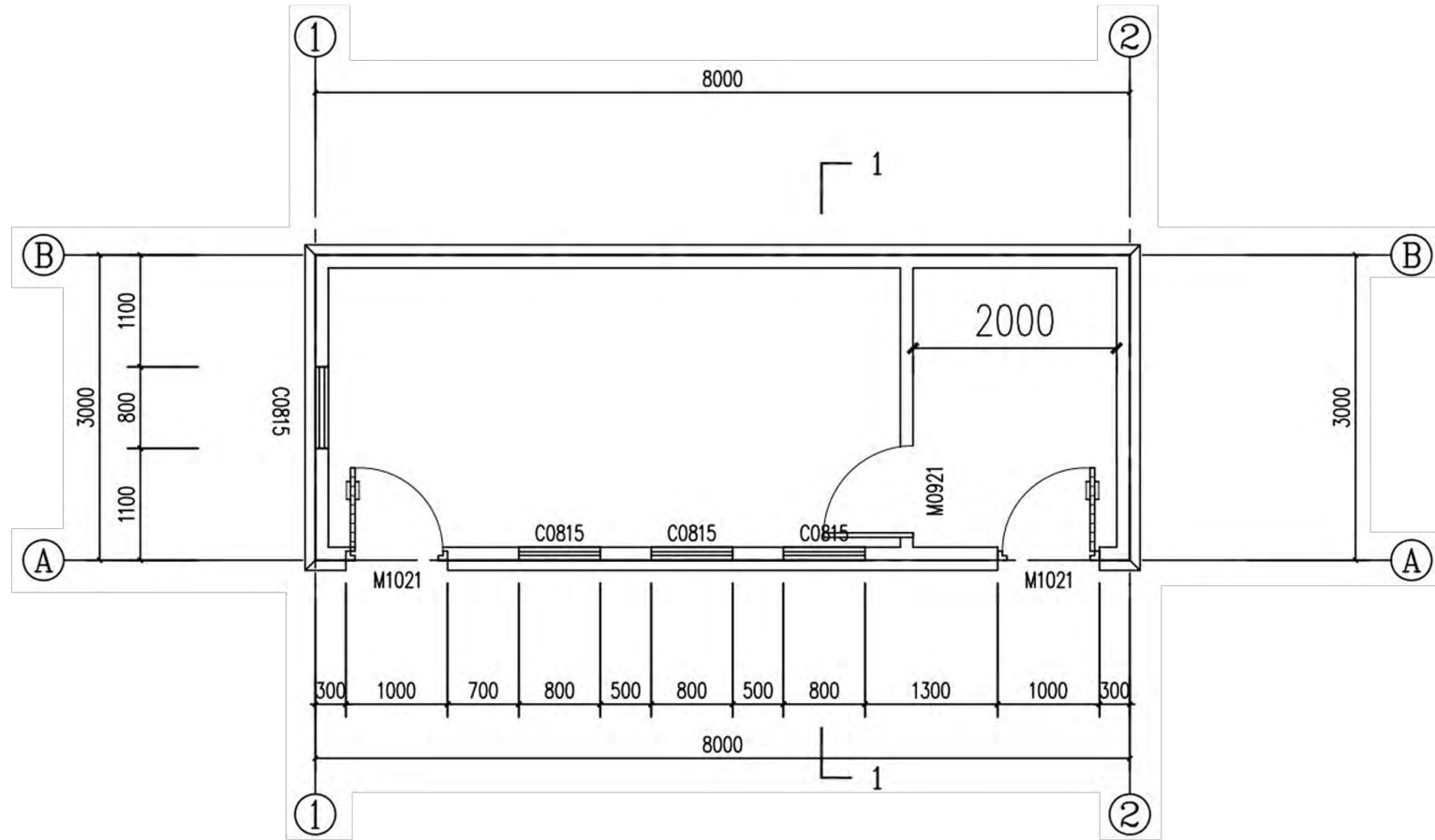




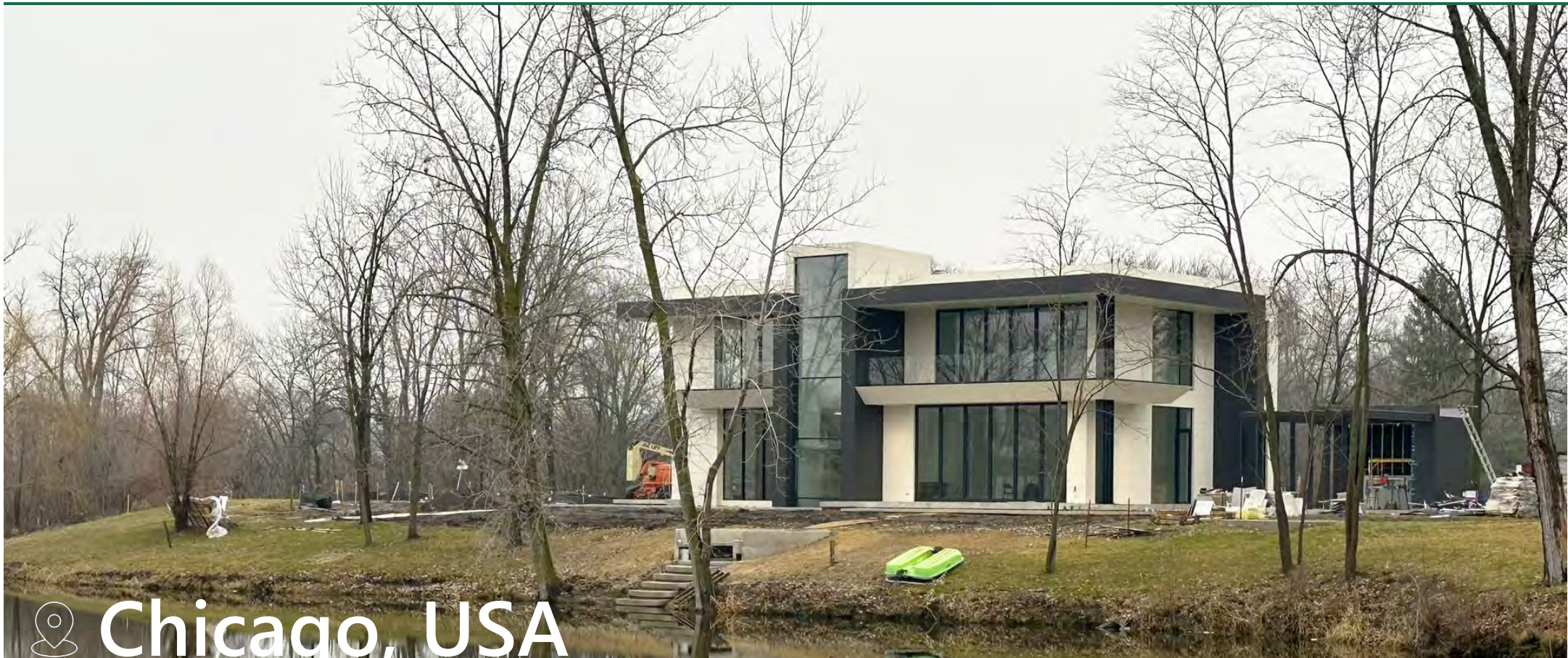
United Kingdom

1. Project Type: Light steel house
2. Size(Length/Width/Height)(m):
3*8*2.35m(9'8"*26'*7'7")
3. Usage: Garden house

4. Roof Material: V-380 roof panel
5. Wall Material: Cement fiber board
6. Window: Double glass aluminum window



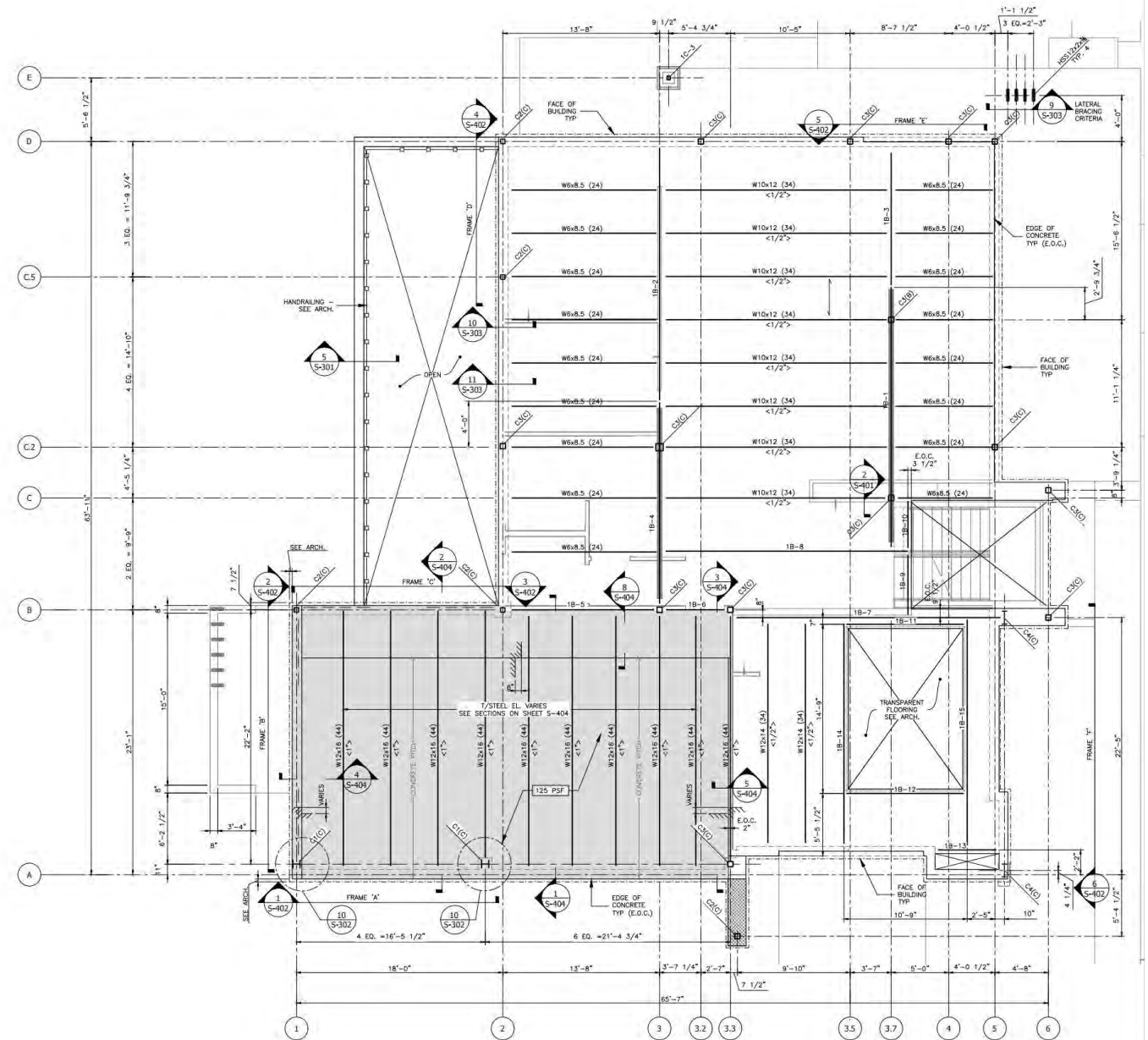
Layout Plan



Chicago, USA

1. Project Type: Modern passive house
2. Usage: Family luxury homes

3. Size(Length/Width/Height)(m):
20*19.2*12



Layout Plan



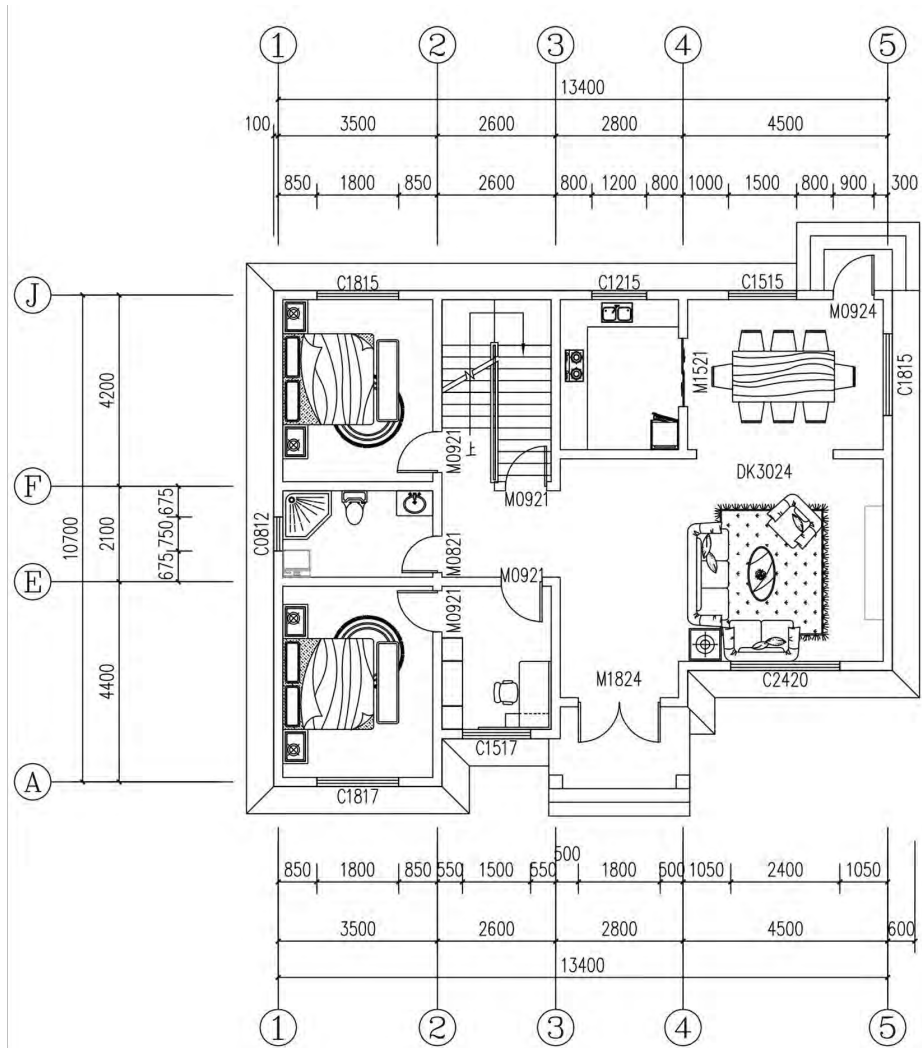
📍 Weifang, China

1. Project Type: Light steel house

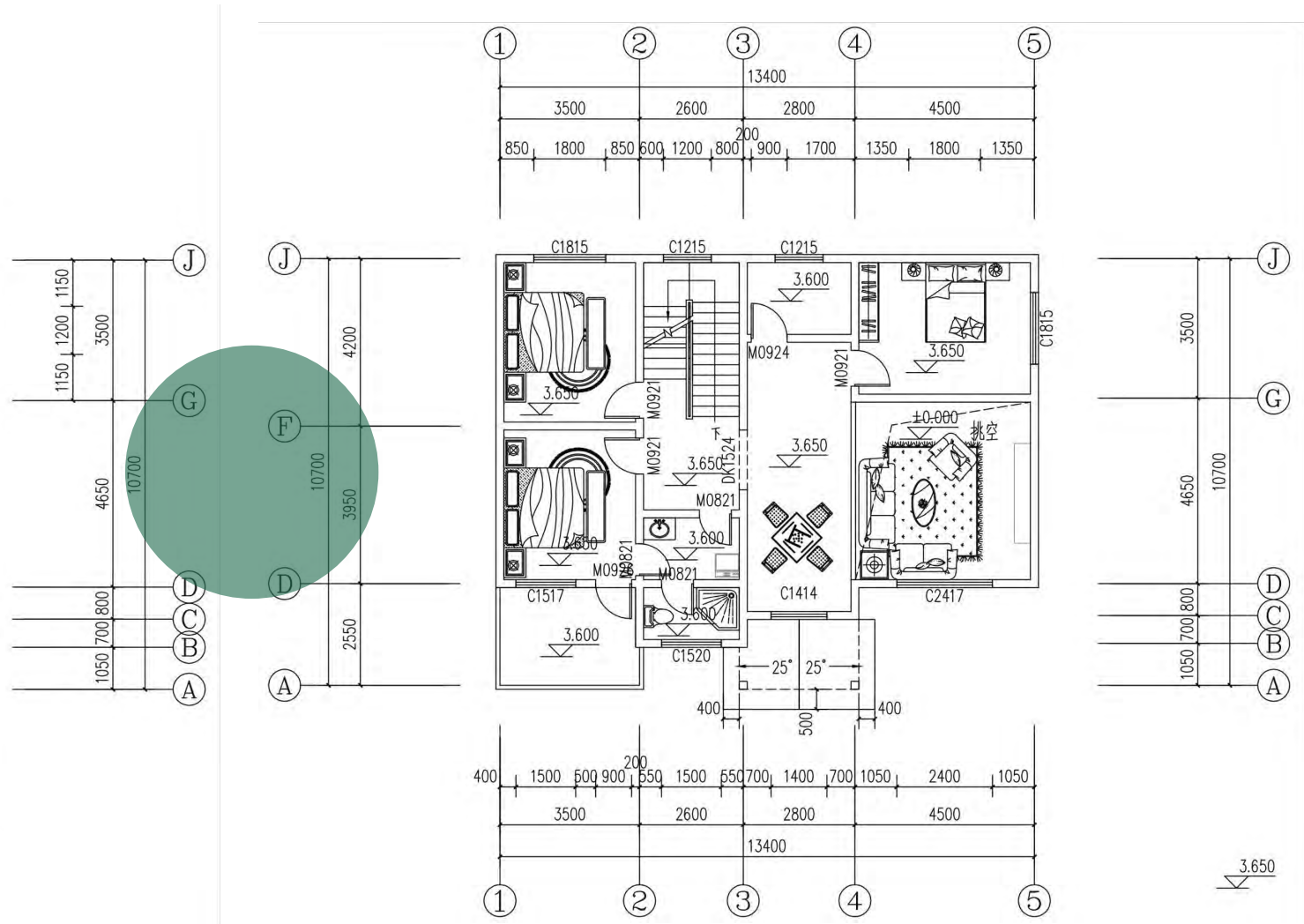
2. Usage: Living

3. Size(Length/Width/Height)(m):

13.4*10.7*7.1



Layout Plan (Ground Floor)

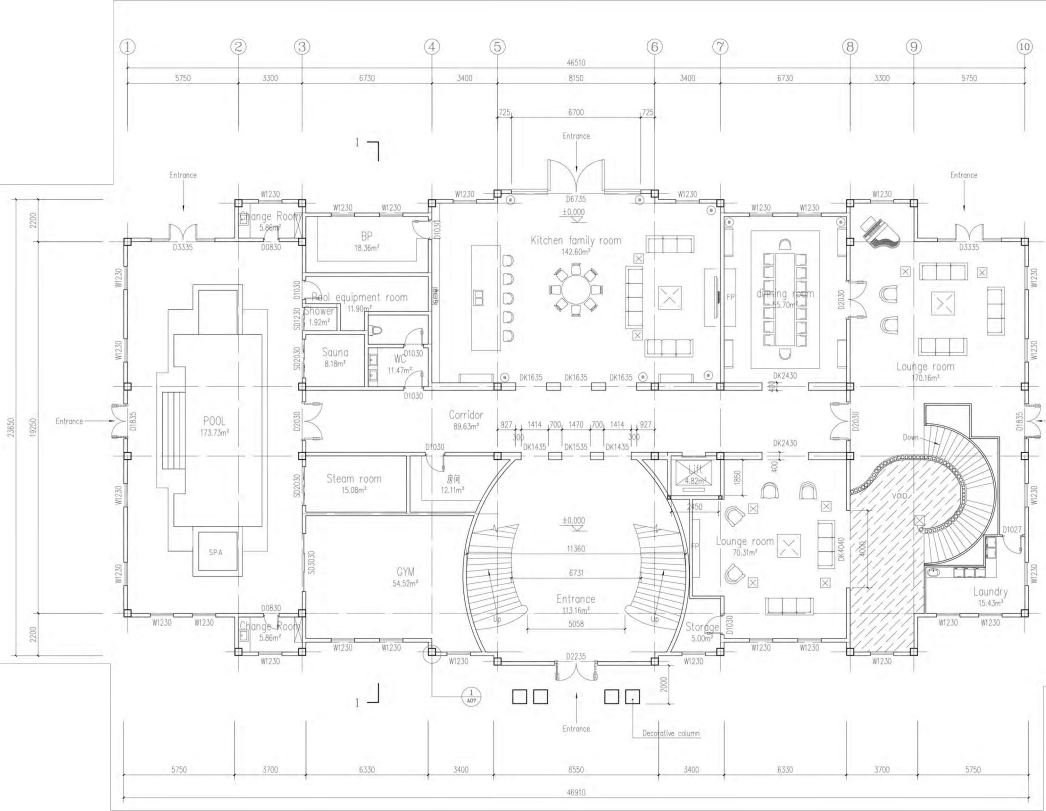


Layout Plan (Second Floor)

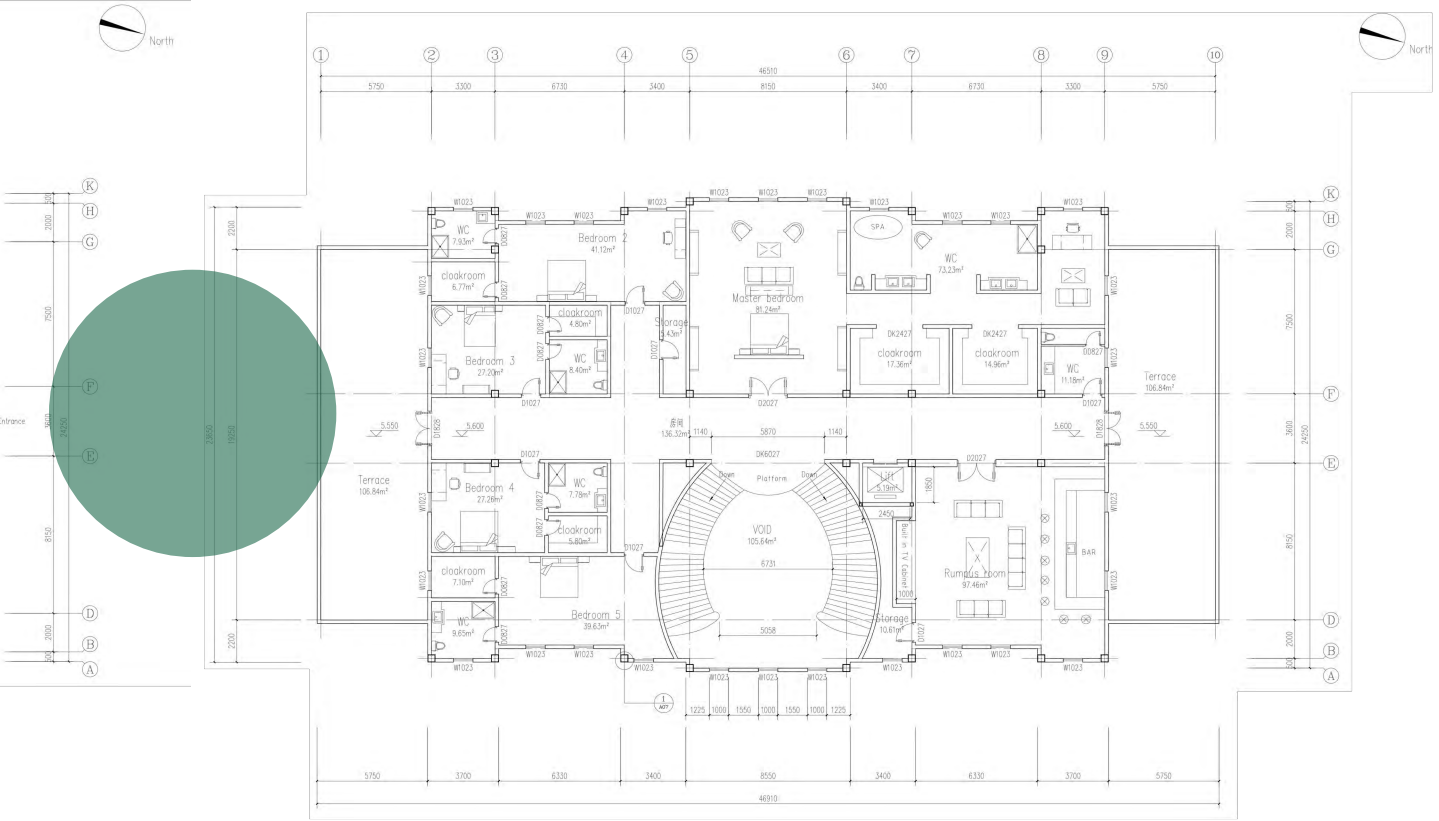


1. Project Type: Classical castle style architecture
2. Usage: Family luxury homes

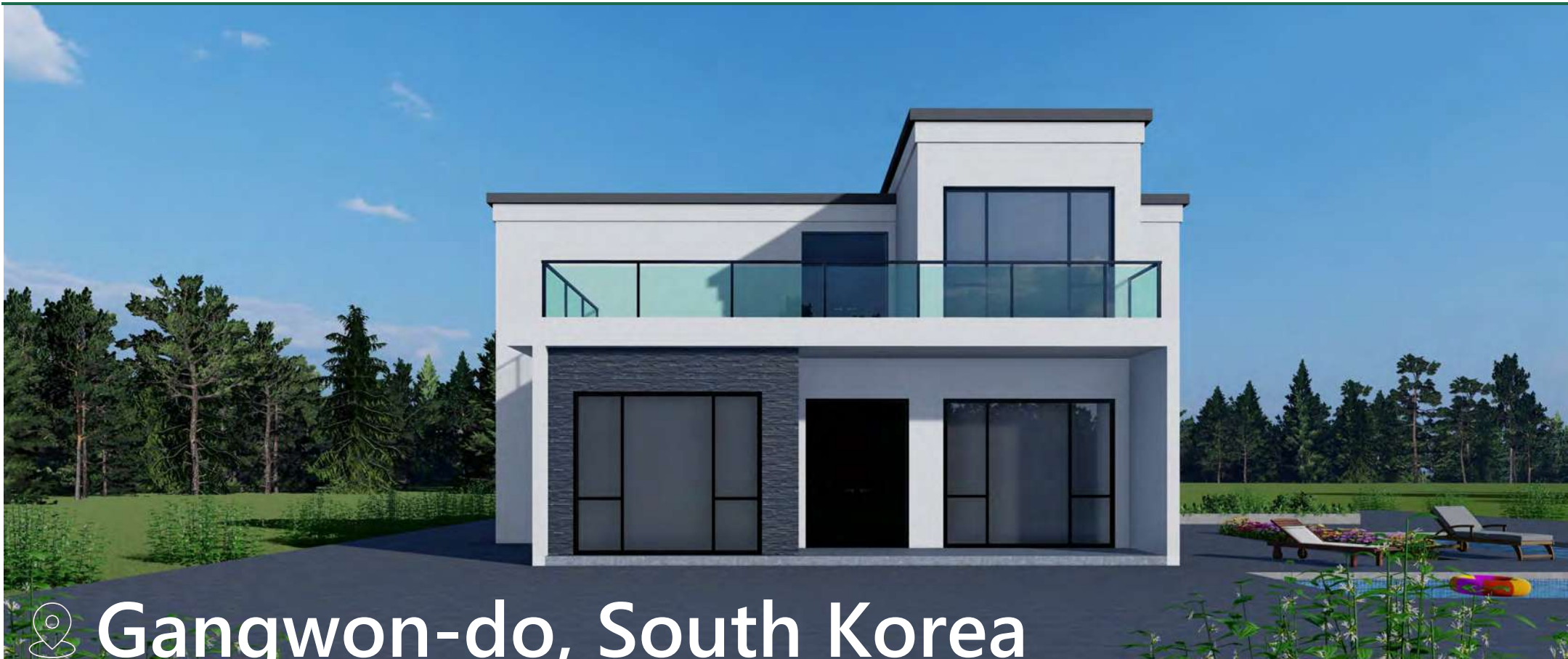
3. Size(Length/Width/Height)(m):
46.5*23.6*18.1



Layout Plan (Ground Floor)



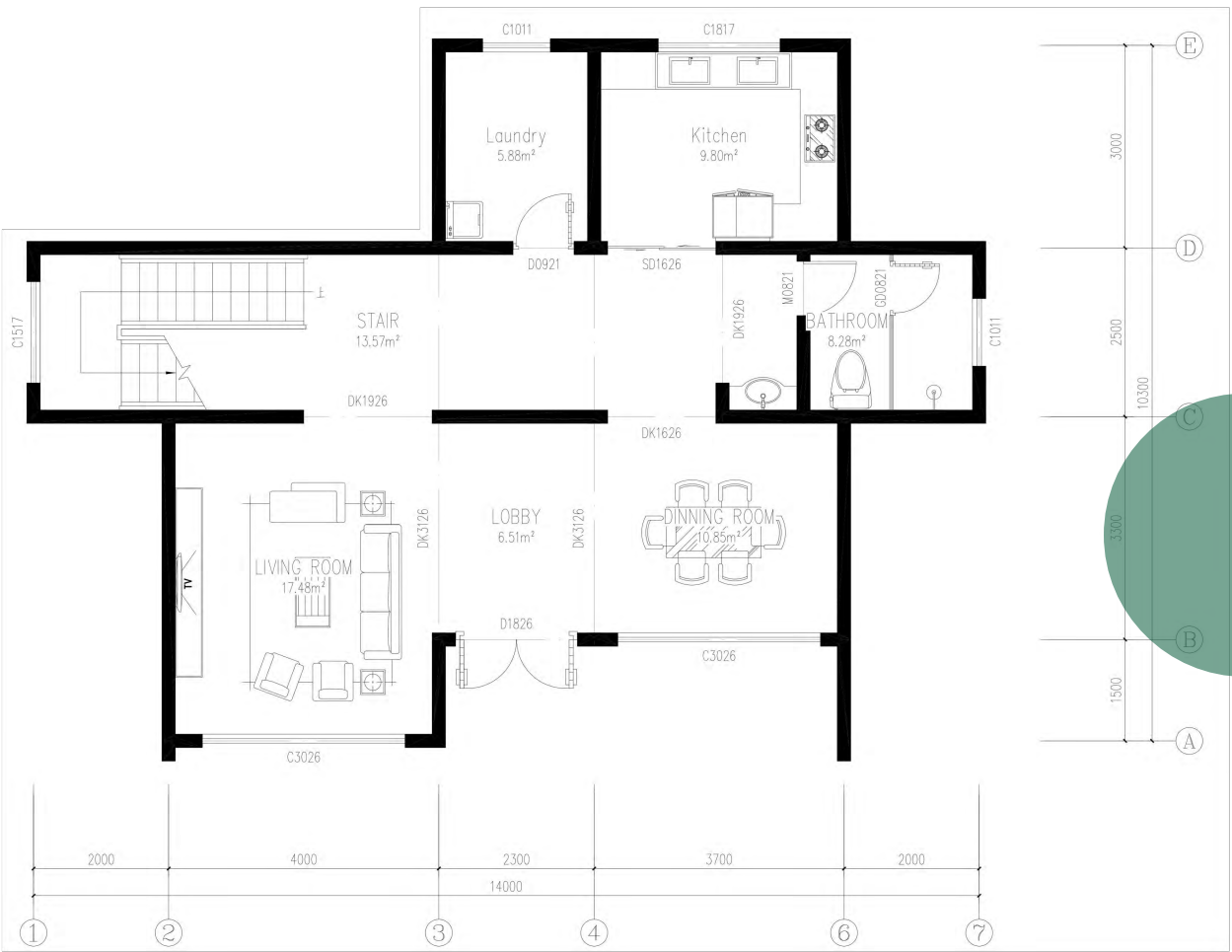
Layout Plan (Second Floor)



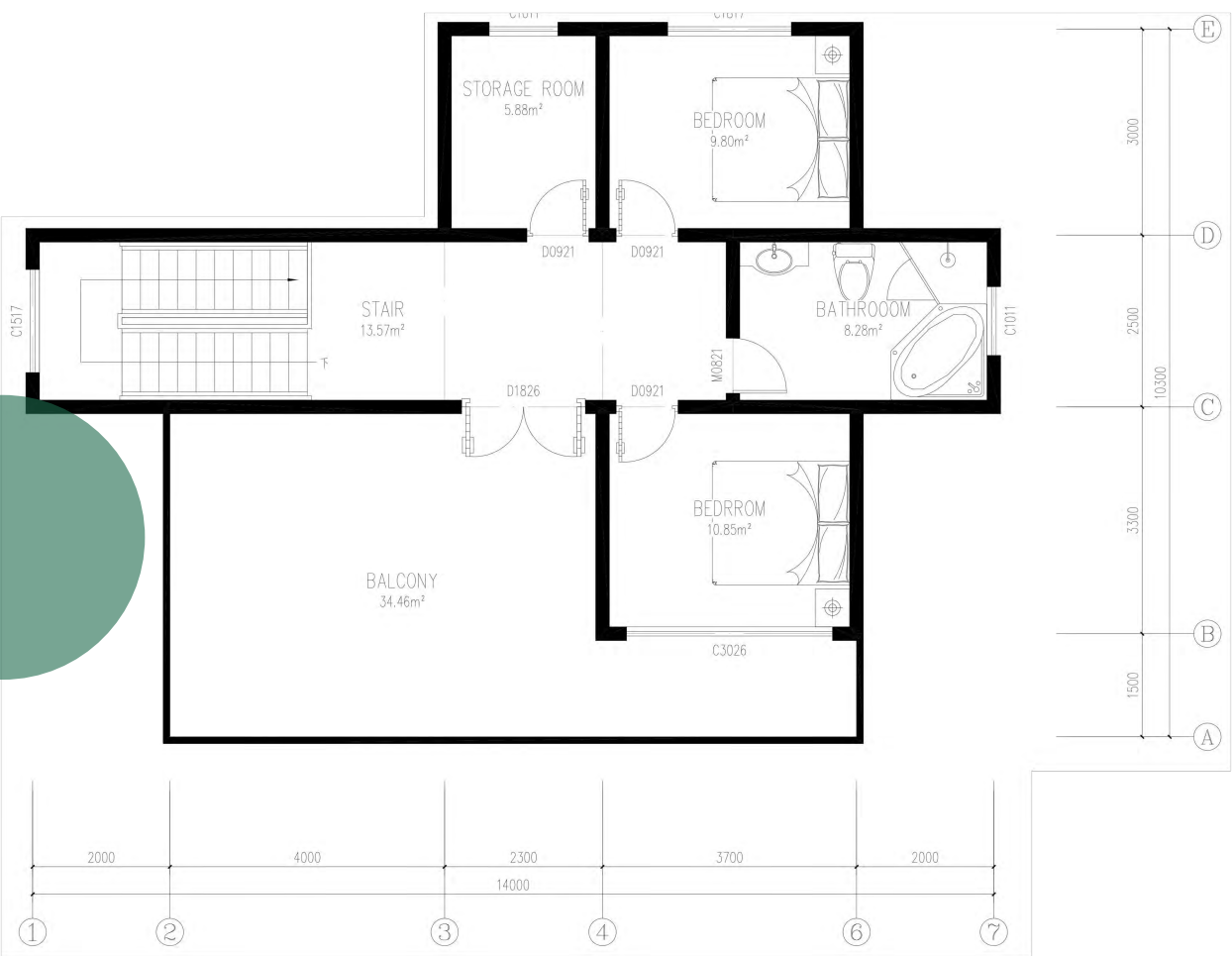
Gangwon-do, South Korea

- 1. Project Type: Light steel villa
- 2. Usage: Living house

3. Size(Length/Width/Height)(m):
14*10.3*7.6



Layout Plan (Ground Floor)



Layout Plan (Second Floor)



New Zealand

1. Project Type: Light steel villa

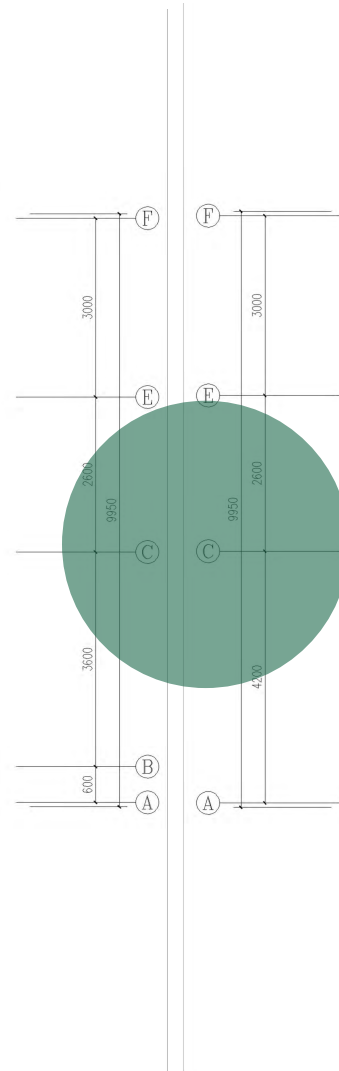
2. Size(Length/Width/Height)(m):
12.45*9.95*8.65

3. Usage: Living house

4. Outwall material: Light steel keel+75mm fiber
glass+OSB+Cement fiber board



Layout Plan (Ground Floor)



Layout Plan (Second Floor)



1. Project Type: light steel villa
2. Usage: Residential House

3. Size (Length/Width/Height) (m):
13.6m*9.6m*6m



Layout Plan (Ground Floor)



Layout Plan (Second Floor)

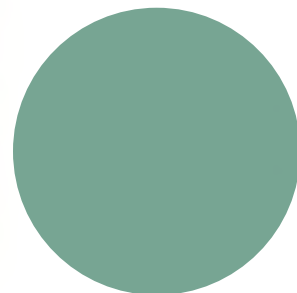


1. Project Type: light steel villa
2. Usage: Residential House

3. Size (Length/Width/Height) (m):
10m*11m*7.5m



Layout Plan (Ground Floor)



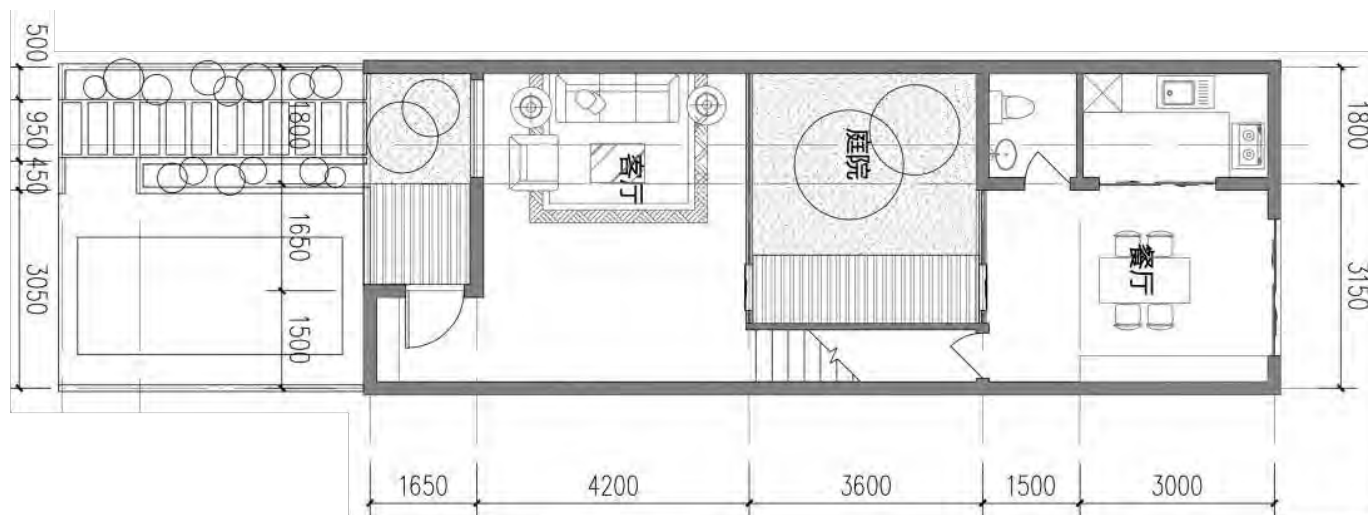
Layout Plan (Second Floor)



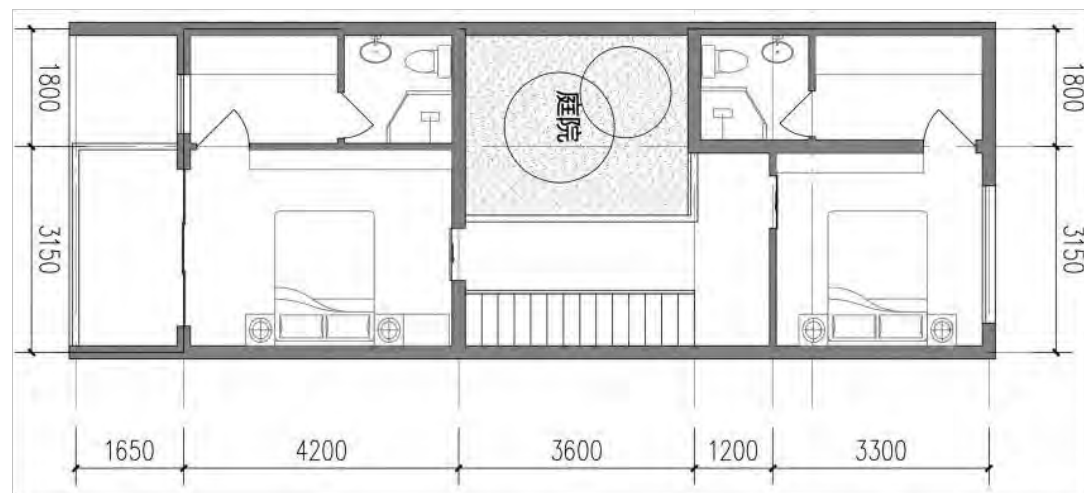
 Vanuatu

1. Project Type: light steel villa
2. Usage: living house

3. Size (Length/Width/Height) (m):
13.92*4.95*7.5m



Layout Plan (Ground Floor)



Layout Plan (Second Floor)

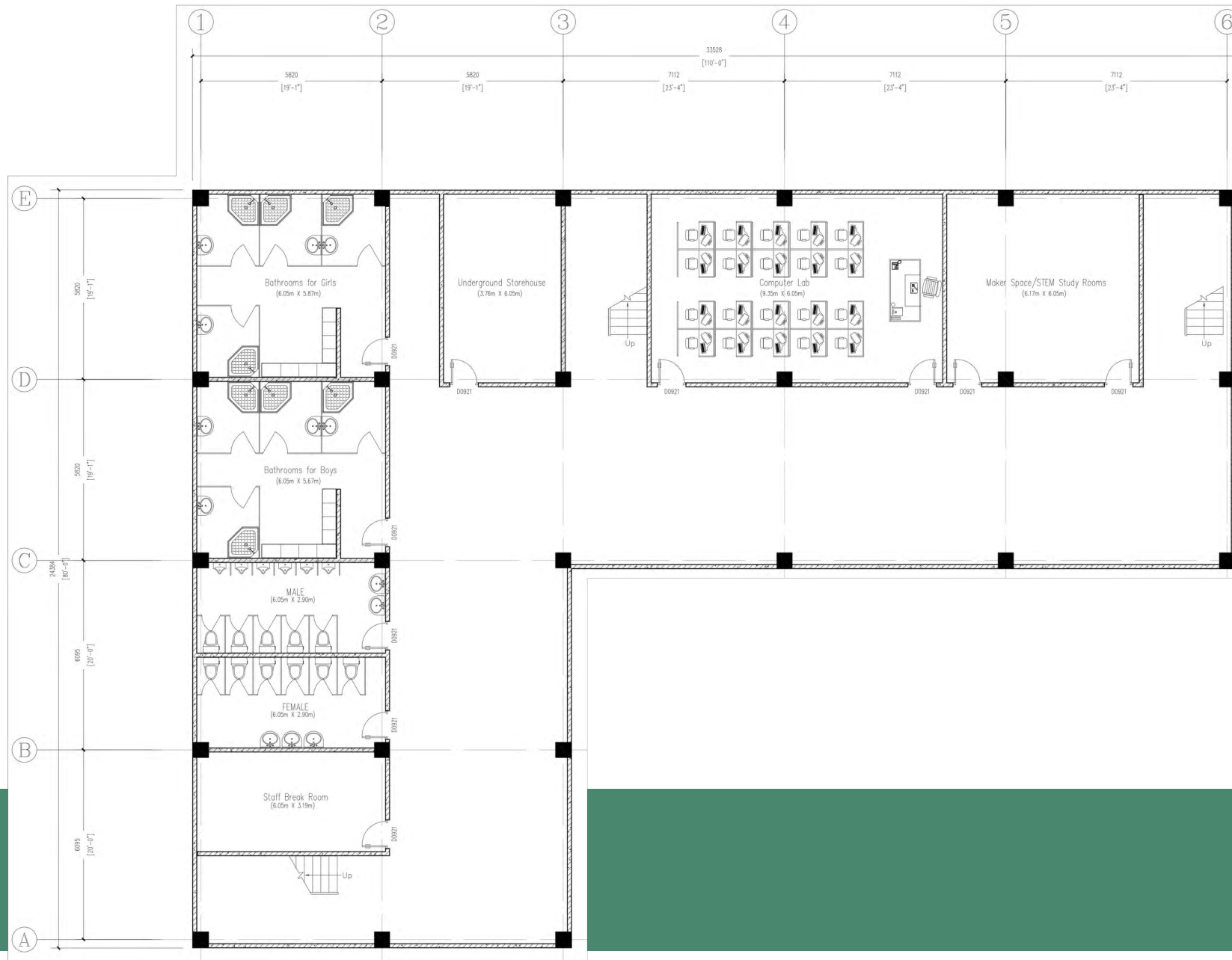




Chicago Community, USA

- 1. Project Type: Modern low-density housing
- 2. Usage: Community housing

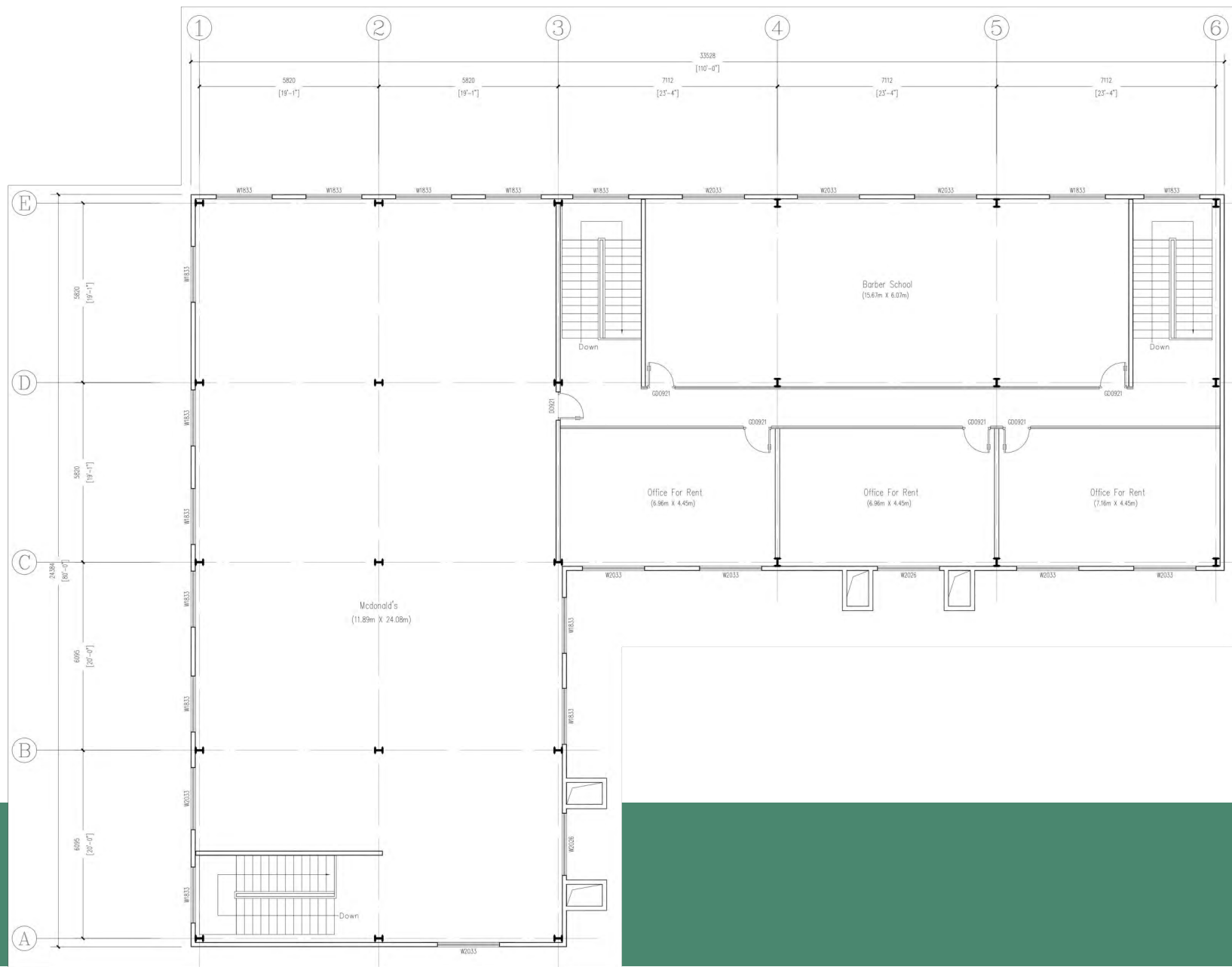
3. Total Area: 9,800 sqm (105,000 sqft), including 35 residential buildings, 2 commercial buildings, 100 parking spaces



Layout Plan (Basement)



Layout Plan (Ground Floor)



Layout Plan (Second Floor)





1. Project Type: light steel villa
2. Usage: Residential House

3. Size (Length/Width/Height) (m):
14.8,*14.2m*10.5m



Layout Plan (Ground Floor)



Layout Plan (Second Floor)



Layout Plan (Third Floor)



03

PREFABRICATED BUILDINGS



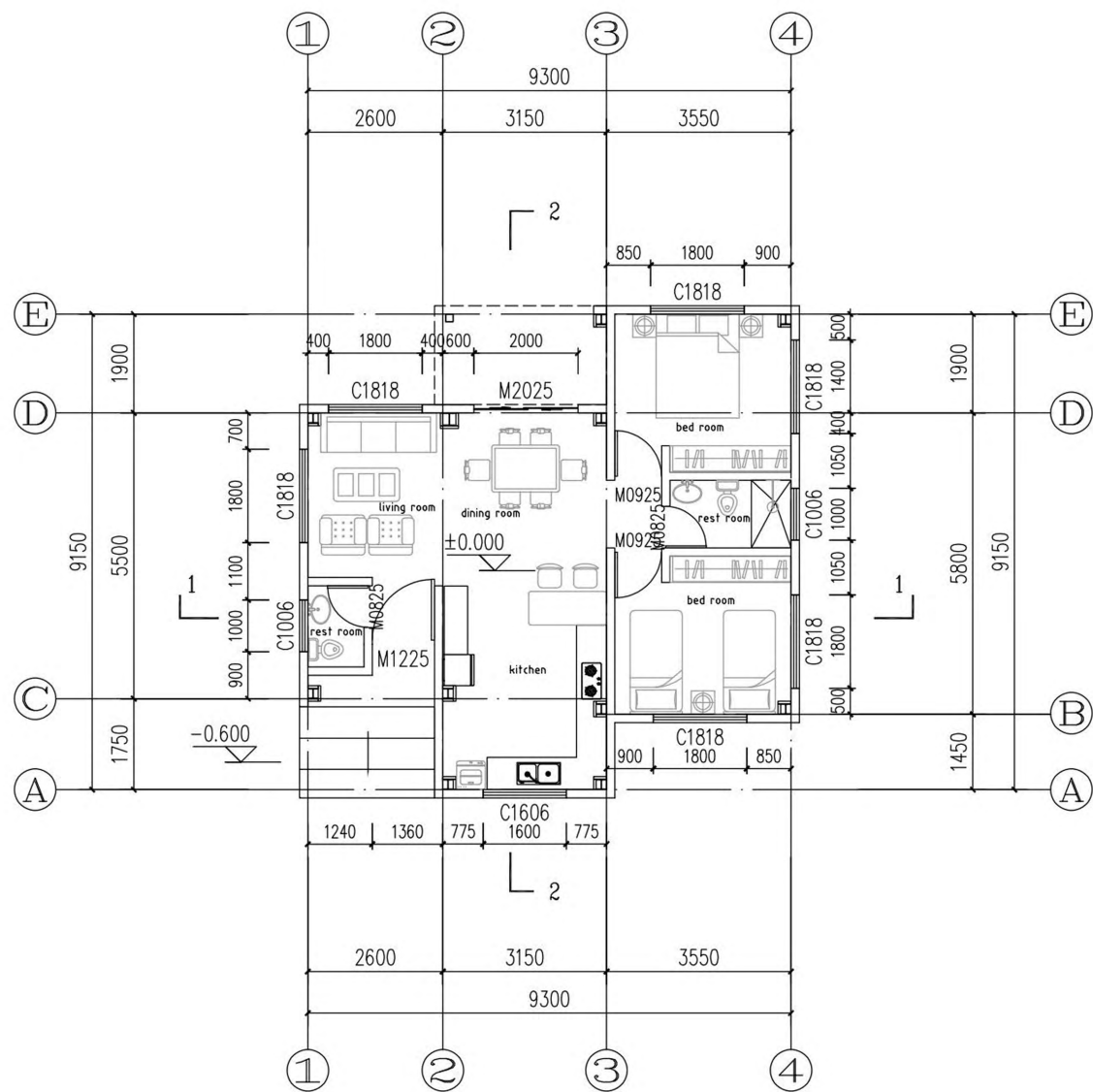
Piccadilly, Antigua and Barbuda

1. Project Type: Steel frame villa

2. Usage: Living house

3. Size(Length/Width/Height)(m):

9.15*9.15*3.0



Layout Plan

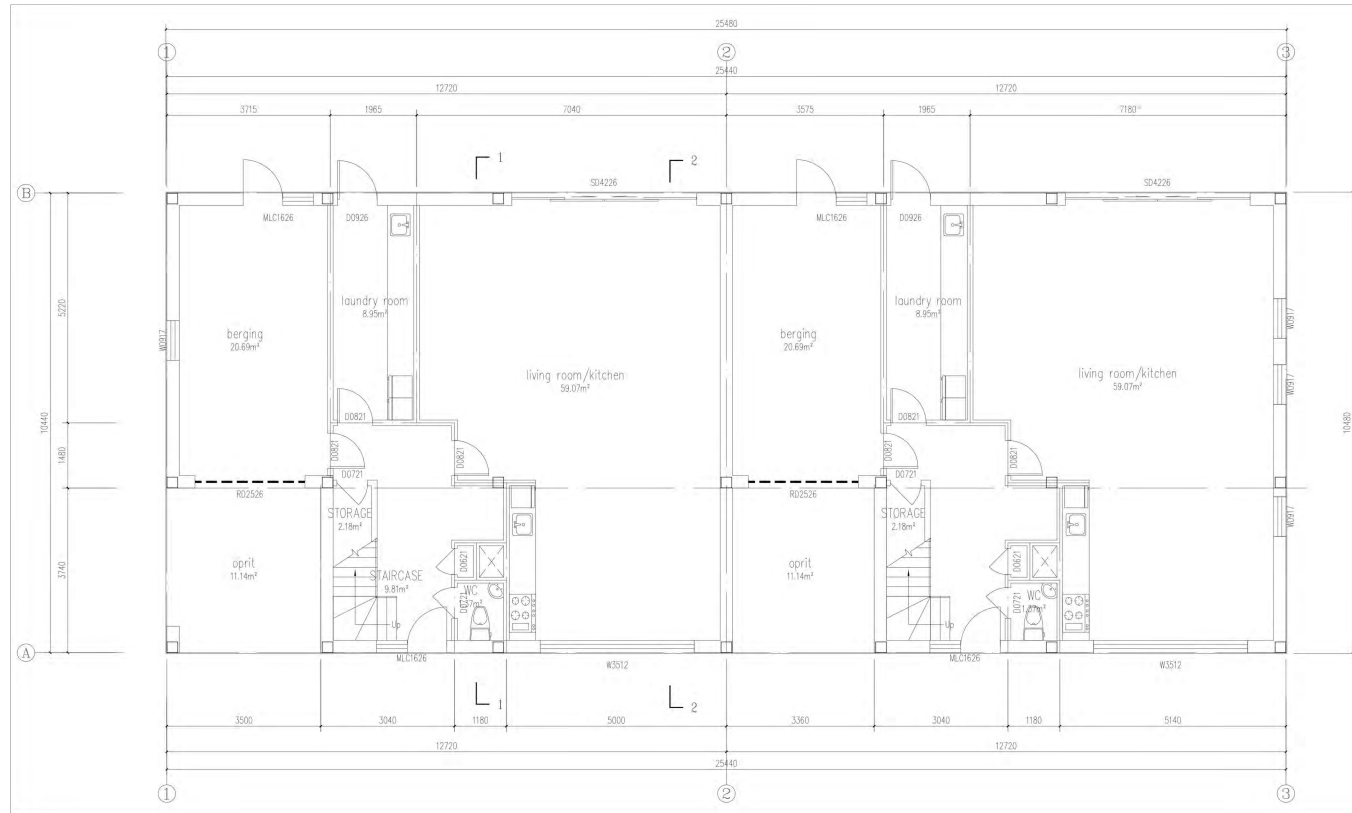




Netherlands

1. Project Type: Light steel house
2. Size(Length/Width/Height)(m): 25.4*10.4*8.8m
3. Usage: Living house

4. Roof Material: V-380 steel sheet+Purlin+150mm XPS+Waterproof+OSB+150mm rock wool
5. Outwall Material: WPC board+Purlin+150mm XPS+Waterproof+OSB+80mm rock wool



Layout Plan





1. **Project Type:** 8-storey office building
2. **Total Area:** 10,000 sqm (107,639 sqft)
3. **Usage:** Office building
4. **Outwall material:** H-steel+ALC

CASE STUDY



CASE STUDY



CASE STUDY



THANKS

