

- Bedroom
- Kitchen
- Living area
- Toilet

FIRST FLOOR PLAN



FRONT ELEVATION



SIDE ELEVATION



- Bedroom
- Kitchen
- Living area
- Toilet

GROUND FLOOR PLAN



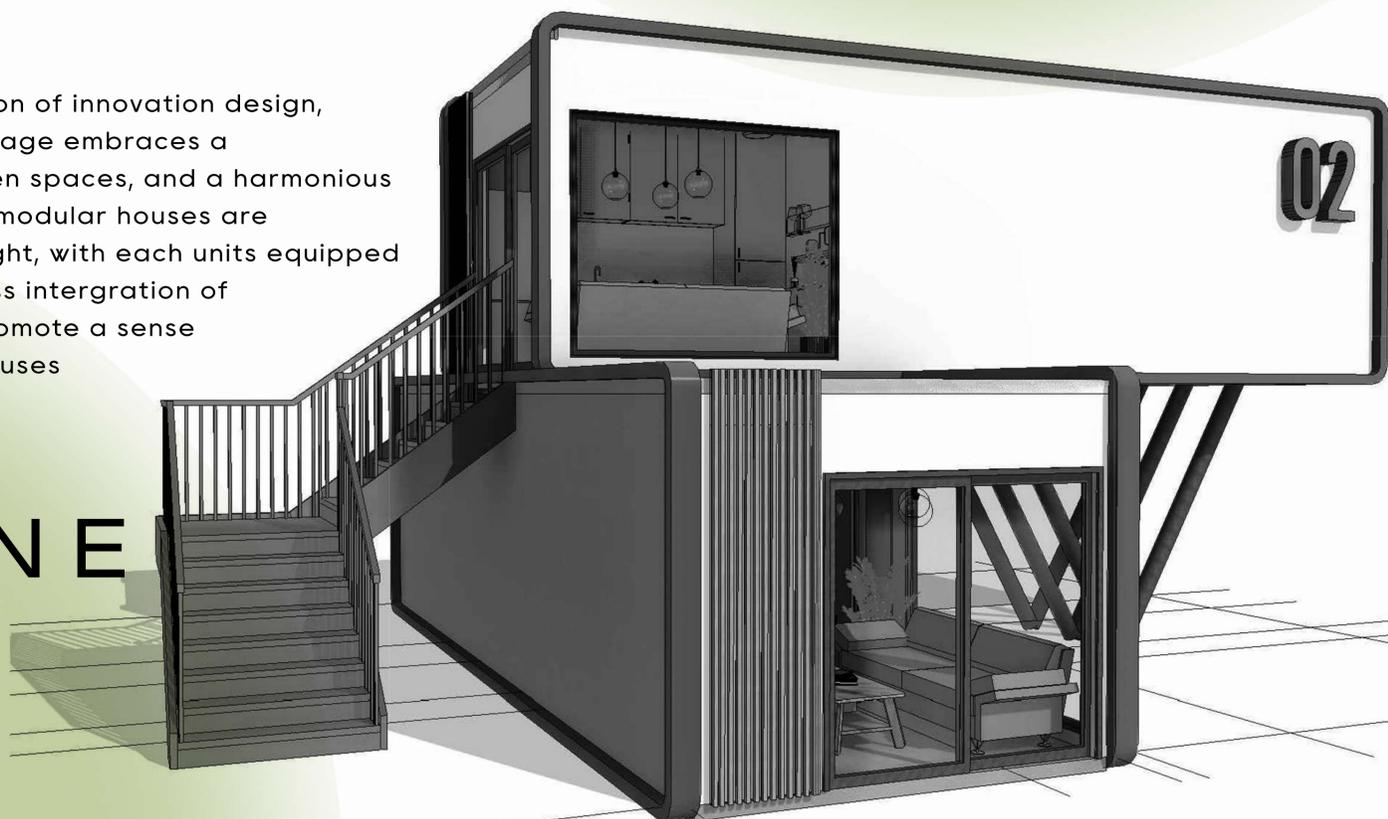
SECTION 1

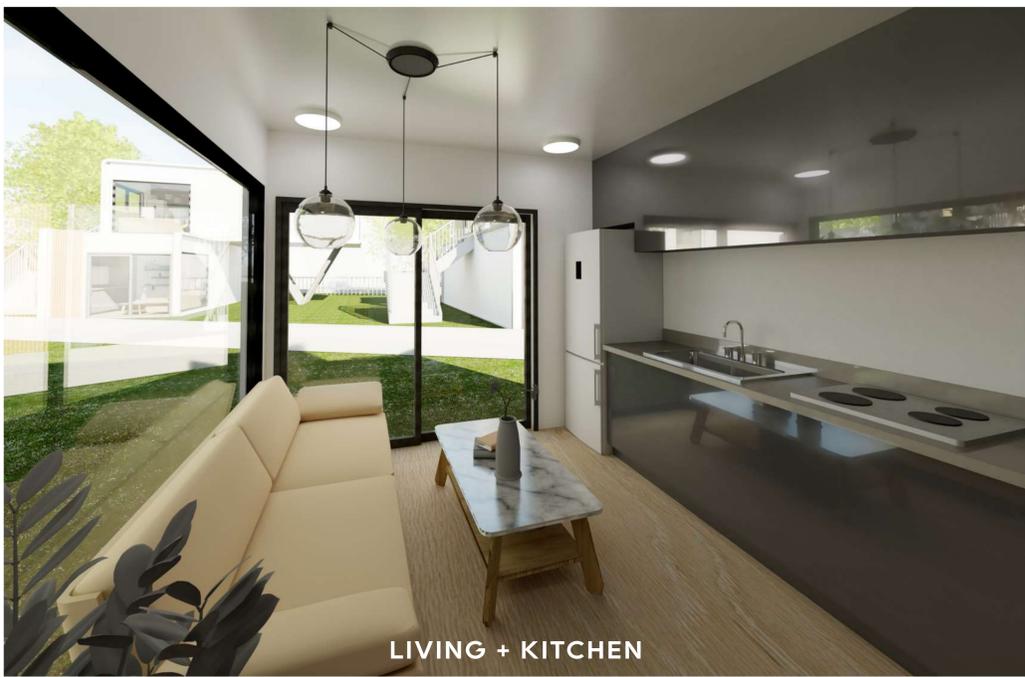


SECTION 2

Swinburne Student Village is a seamless fusion of innovation design, sustainability, and student-centricity. The village embraces a contemporary aesthetic with clean lines, open spaces, and a harmonious blend of natural and modern materials. The modular houses are thoughtfully designed to maximize natural light, with each units equipped with the latest amenities, ensuring a seamless intergration of comfort for students' temporary stay. We promote a sense of cummunity in the village by placing the houses compactly, allowing to foster spontaneous connections among students.

SWINBURNE STUDENT VILLAGE

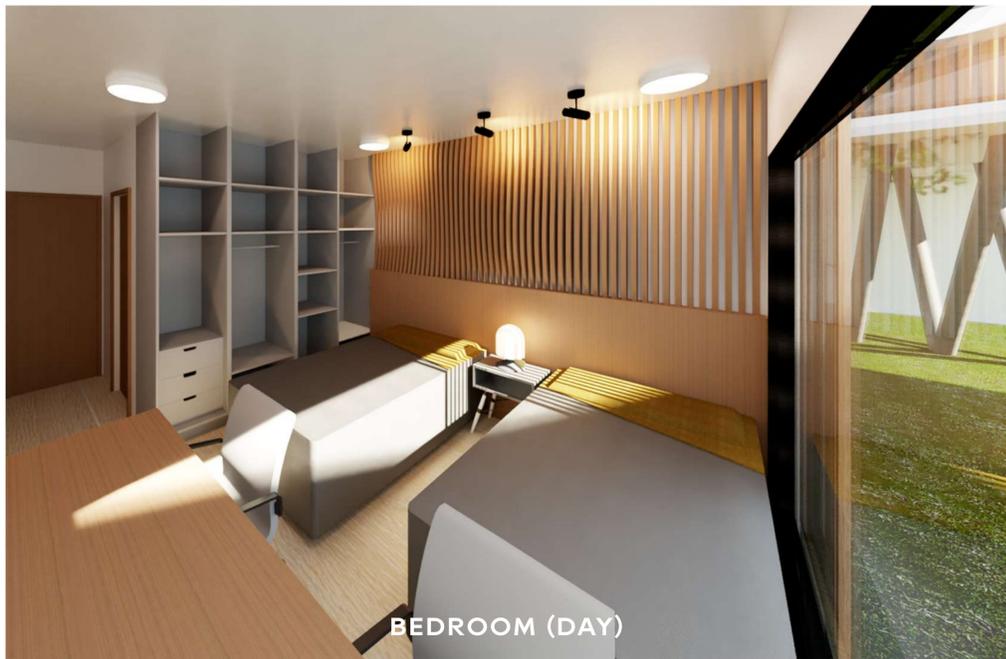




LIVING + KITCHEN



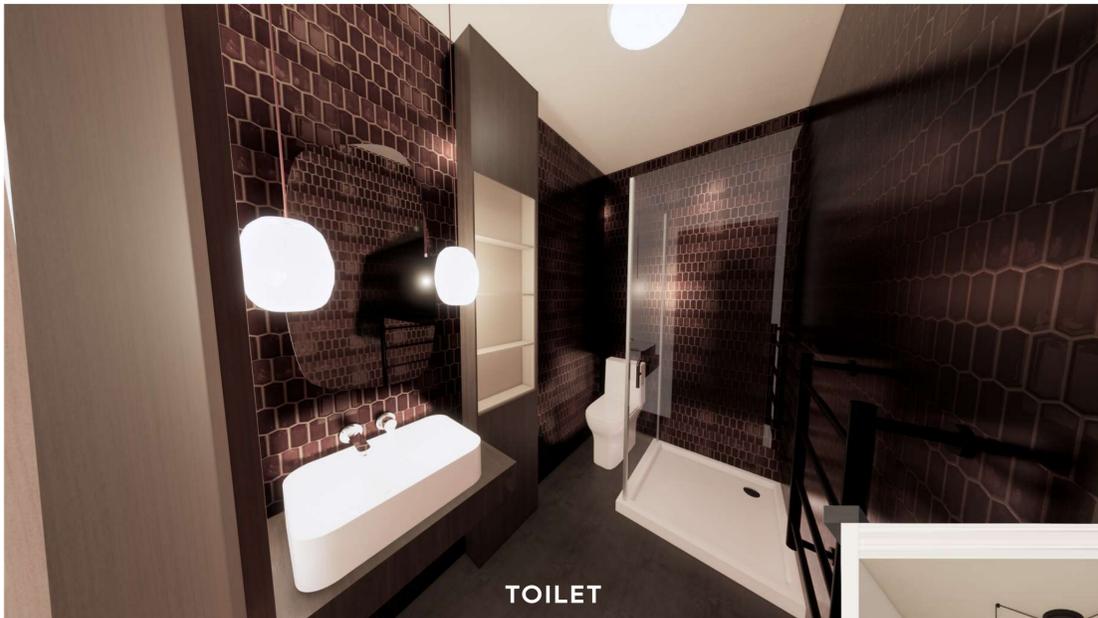
LIVING + KITCHEN



BEDROOM (DAY)



BEDROOM (NIGHT)



TOILET



OUTDOOR



SECTIONAL PERSPECTIVE

SWINBURNE STUDENT VILLAGE

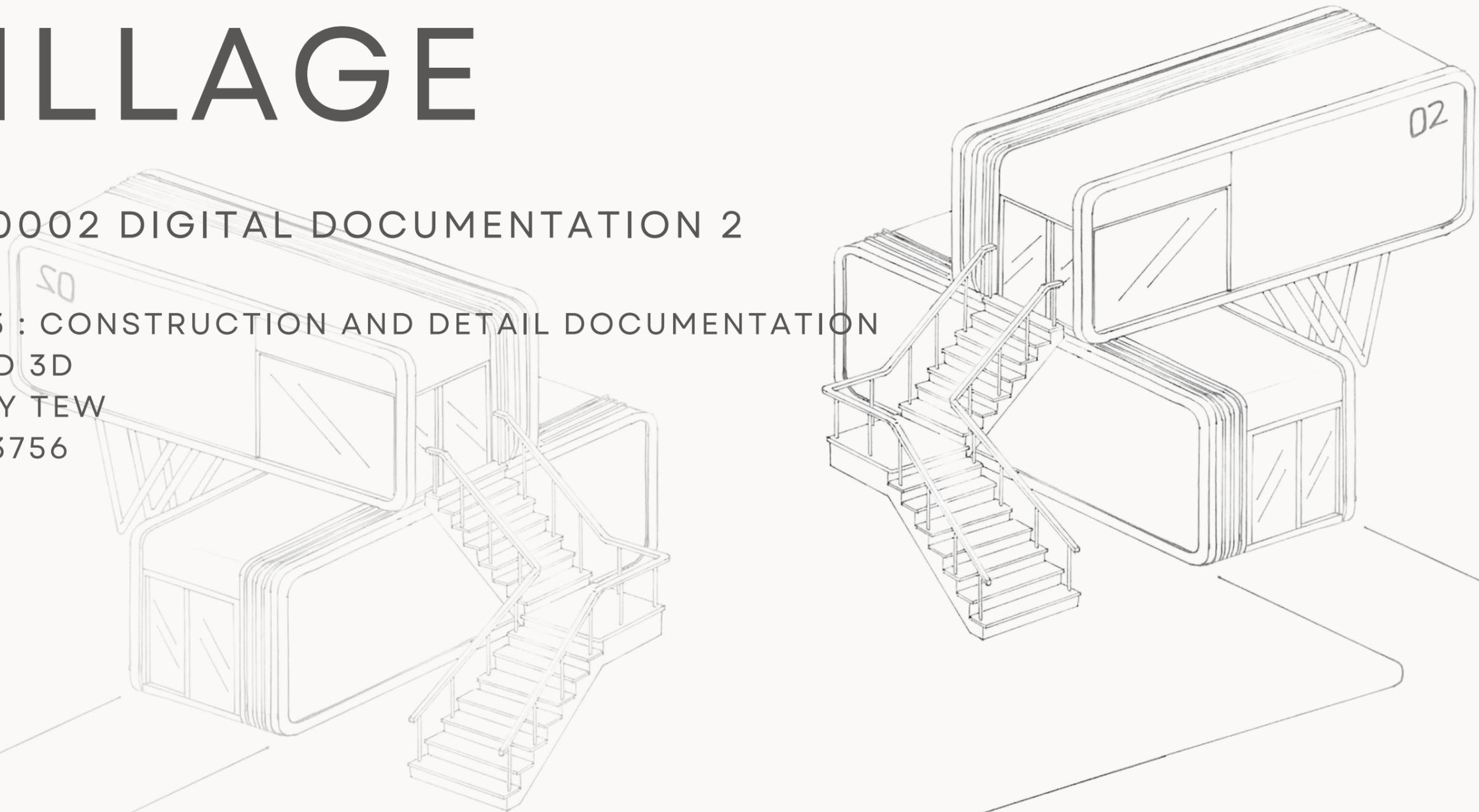
DIA30002 DIGITAL DOCUMENTATION 2

TASK 3 : CONSTRUCTION AND DETAIL DOCUMENTATION

2D AND 3D

ASHLEY TEW

104323756



CONTENTS

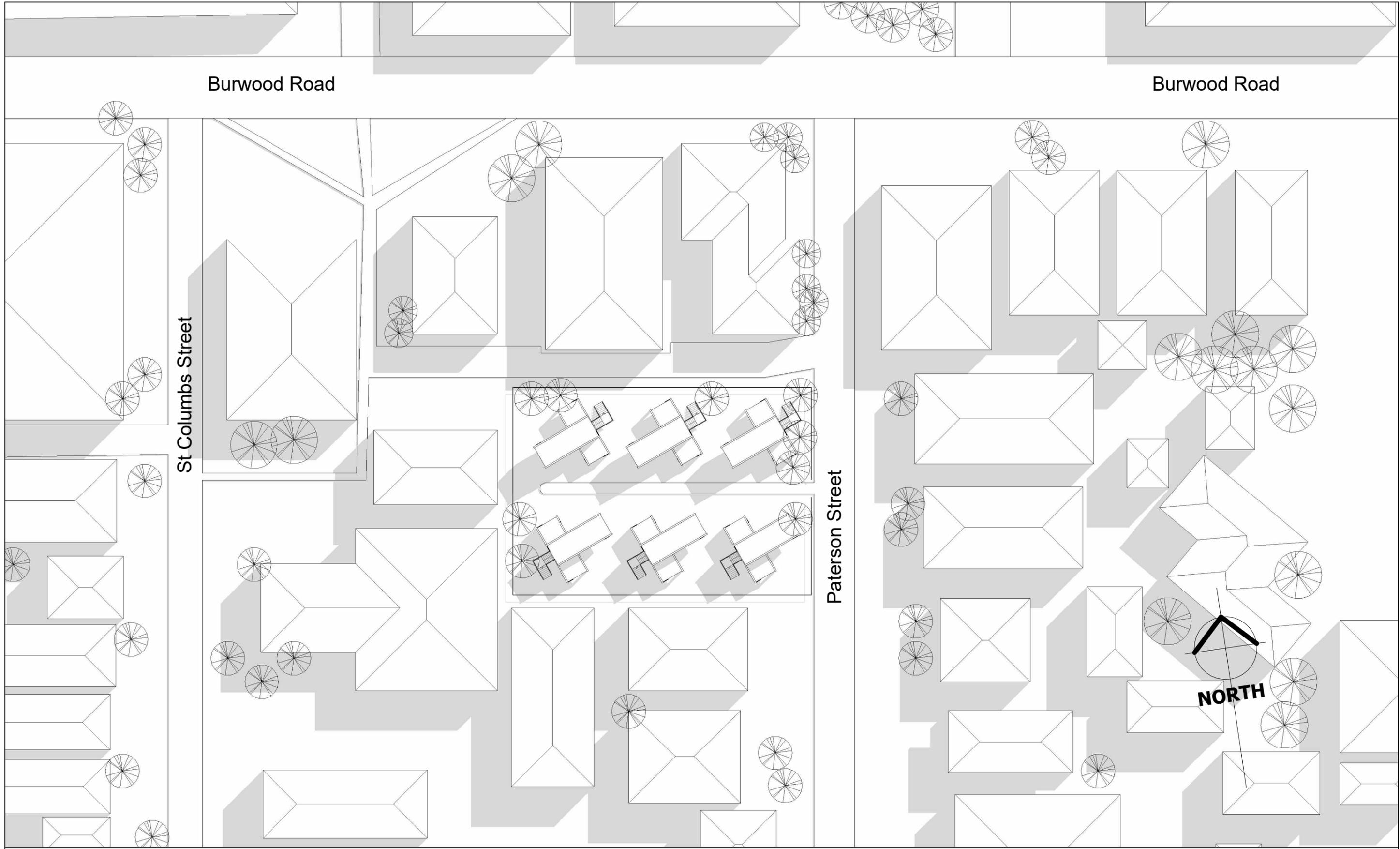
05	SITE PLAN	14	SECTION 2
06	ROOF PLAN	15	EXPLODED AXONOMETRIC
07	GROUND FLOOR PLAN	16	KITCHEN FLOOR PLAN
08	FIRST FLOOR PLAN	17	KITCHEN ELEVATIONS
09	NORTH ELEVATION	18	WALL SECTION
10	SOUTH ELEVATION	19	KITCHEN DETAILS
11	EAST ELEVATION	20	ROOF DETAILS
12	WEST ELEVATION	21	KITCHEN AXONOMETRIC
13	SECTION 1	22	DOOR WINDOW LEGEND & SCHEDULE

Burwood Road

Burwood Road

St Columbs Street

Paterson Street

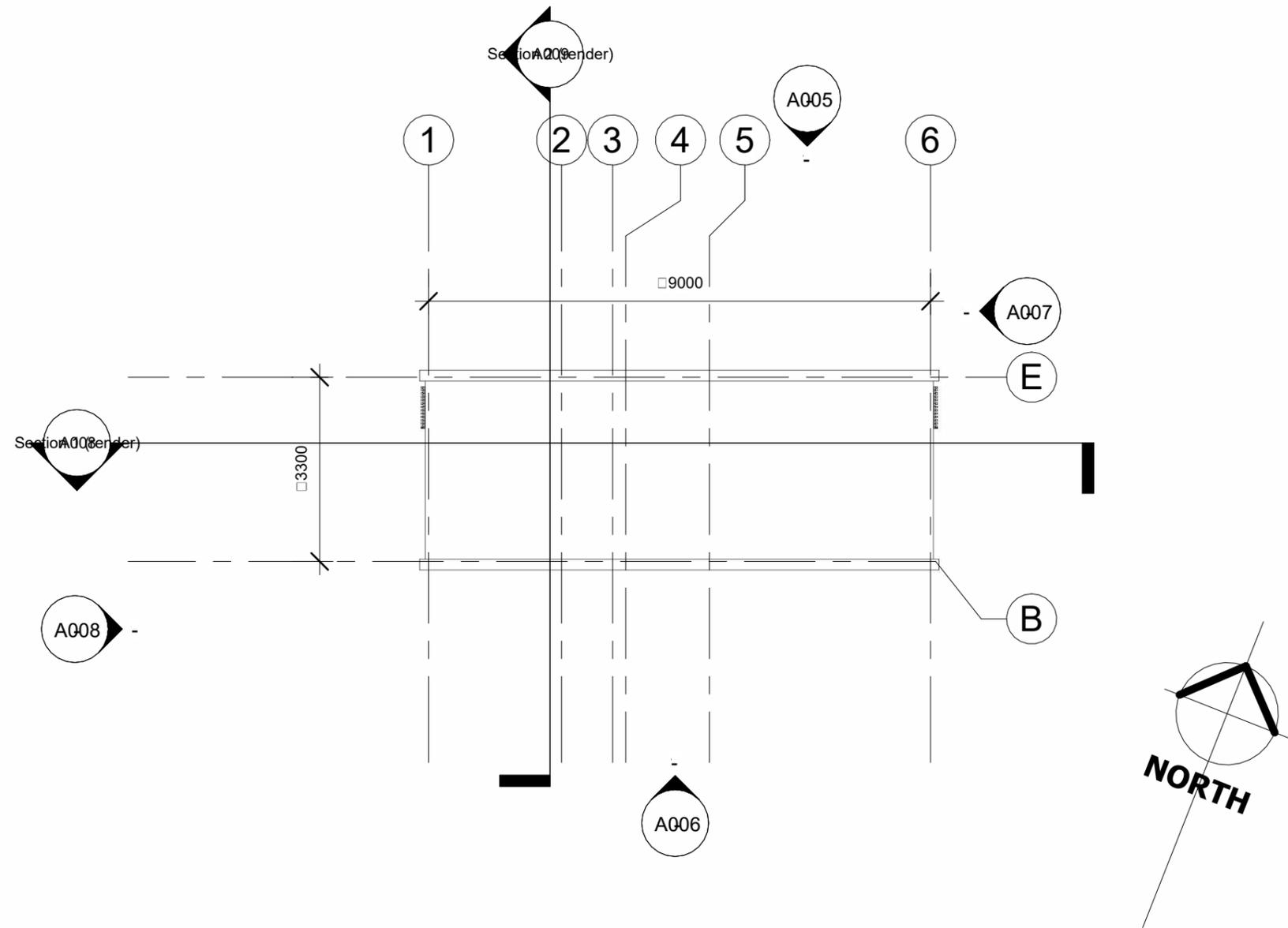


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

Site Plan

Project number	03	A001
Date	2 June 2023	
Drawn by	Ashley Tew Li Wen	
Checked by	Hien Vu	Scale 1 : 500

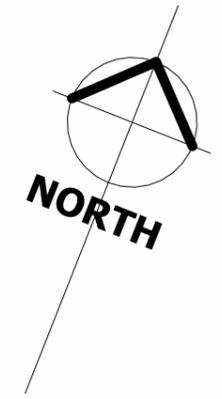
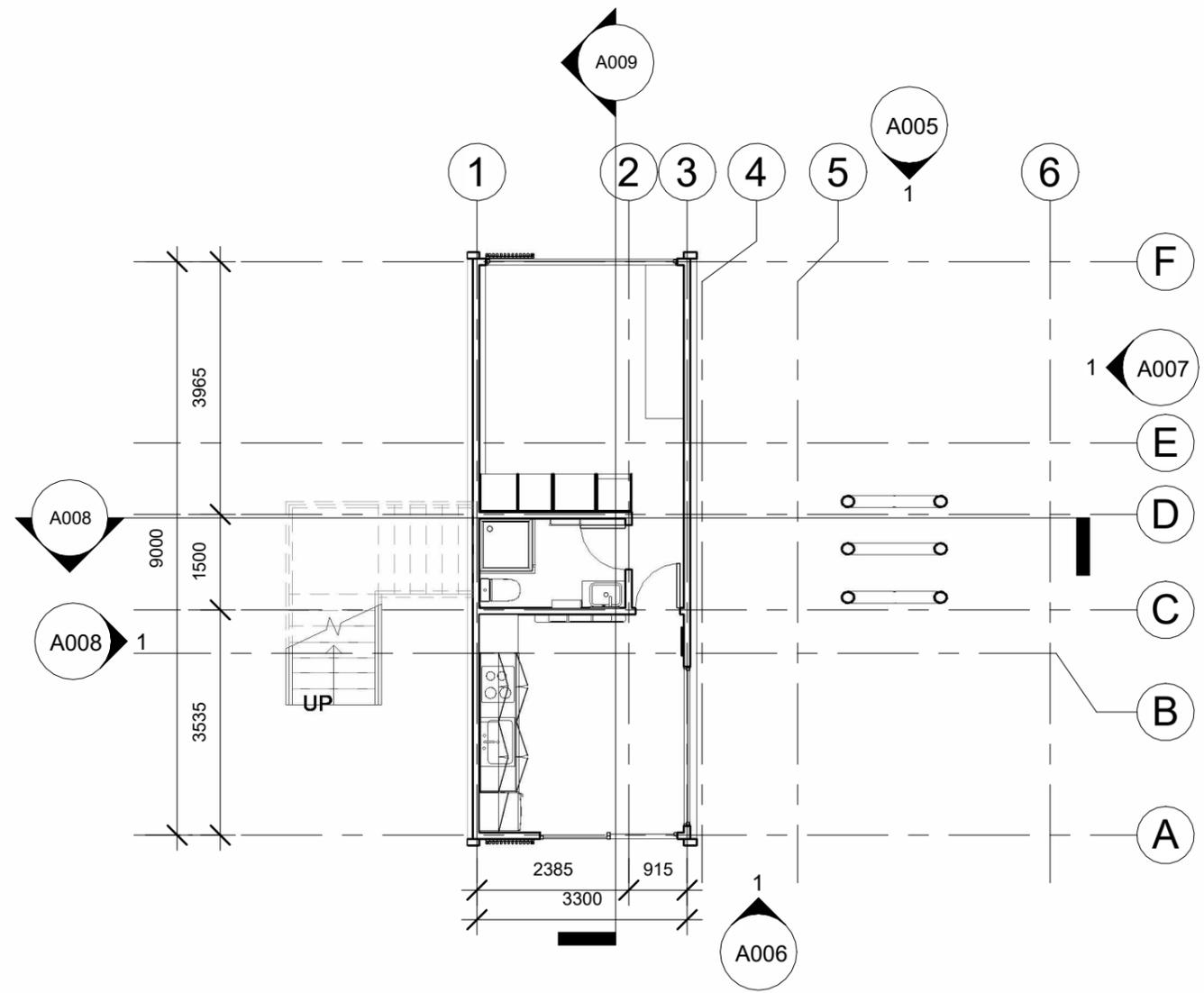


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

Roof Plan

Project number	03	A002	
Date	2 June 2023		
Drawn by	Ashley Tew Li Wen		
Checked by	Hien Vu	Scale	1 : 100

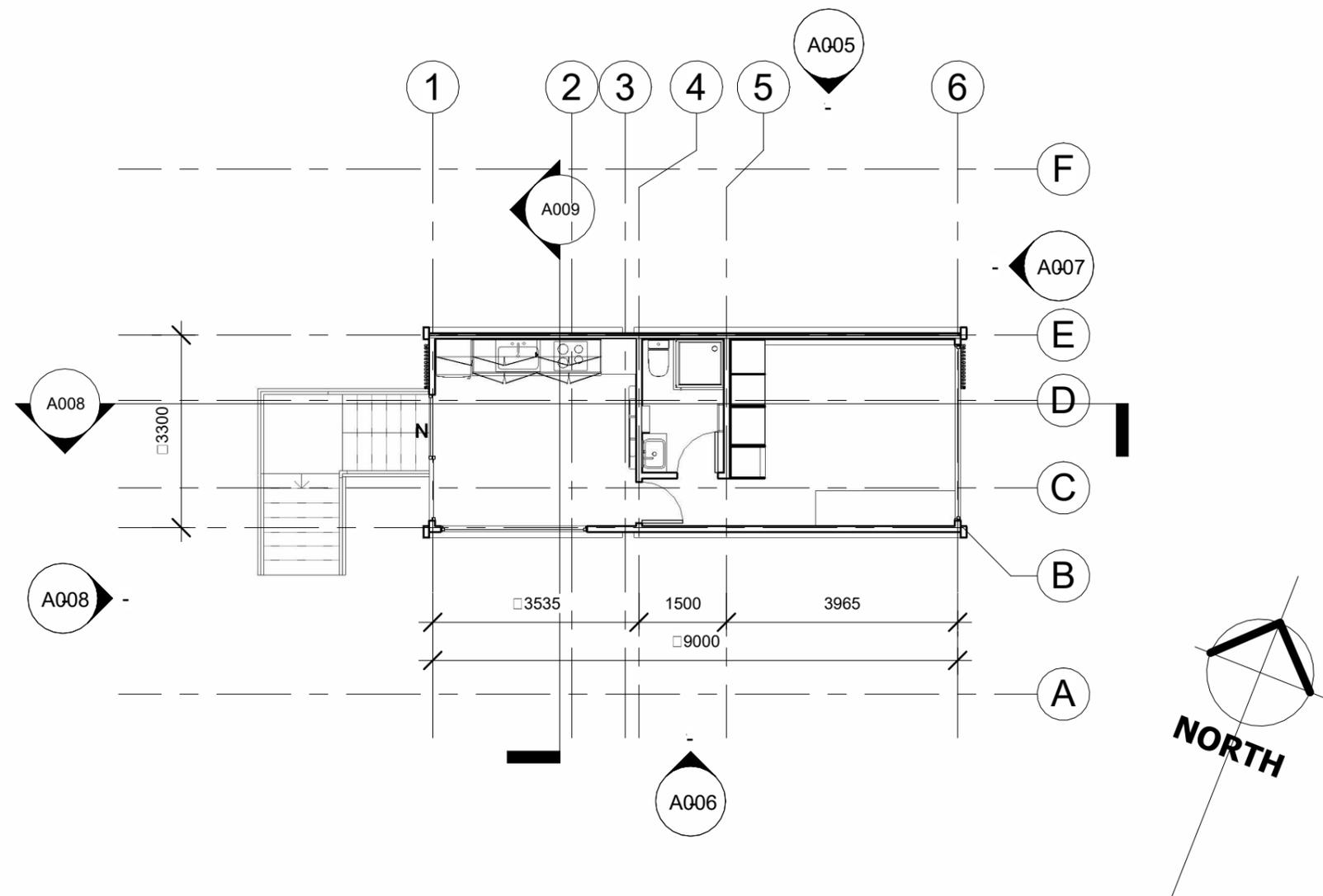


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

Ground Floor Plan

Project number	03	A003	
Date	2 June 2023		
Drawn by	Ashley Tew Li Wen		
Checked by	Hien Vu	Scale	1 : 100



All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

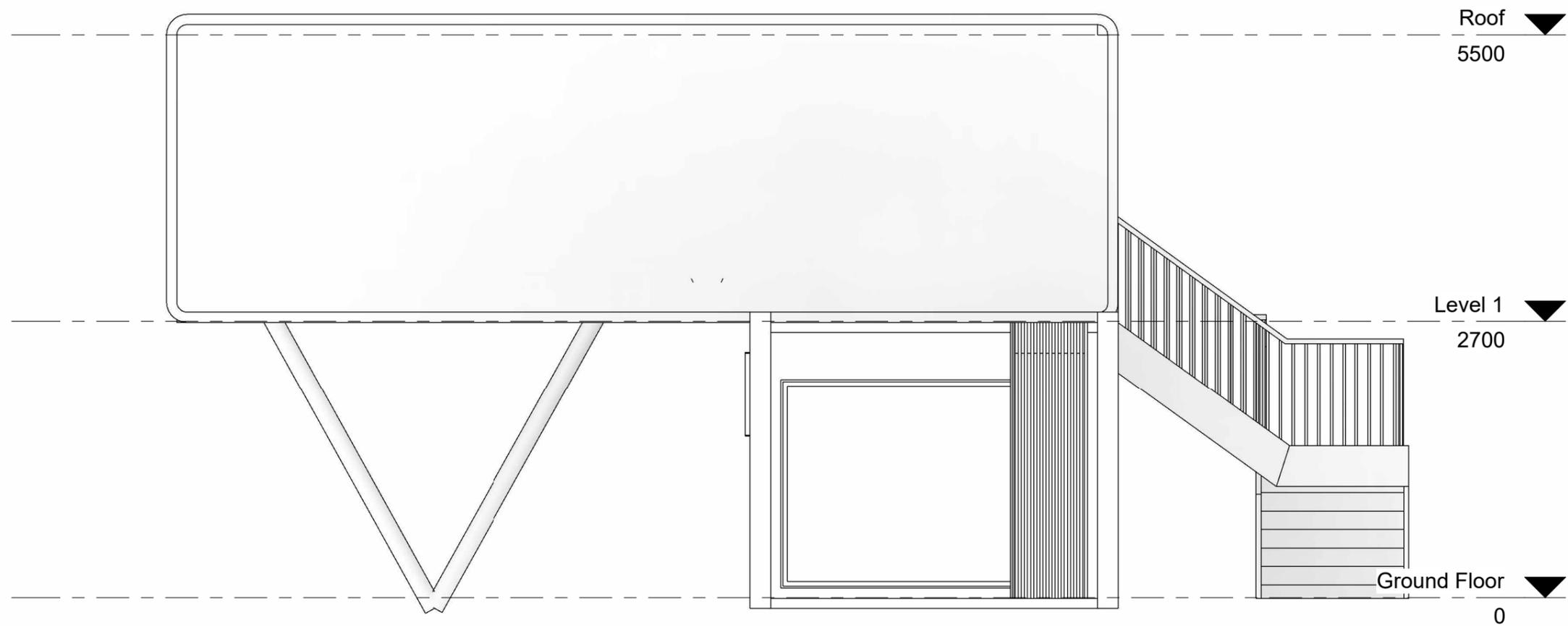
Swinburne Student Village

First Floor Plan

Project number	03
Date	2 June 2023
Drawn by	Ashley Tew Li Wen
Checked by	Hien Vu

A004

Scale 1 : 100

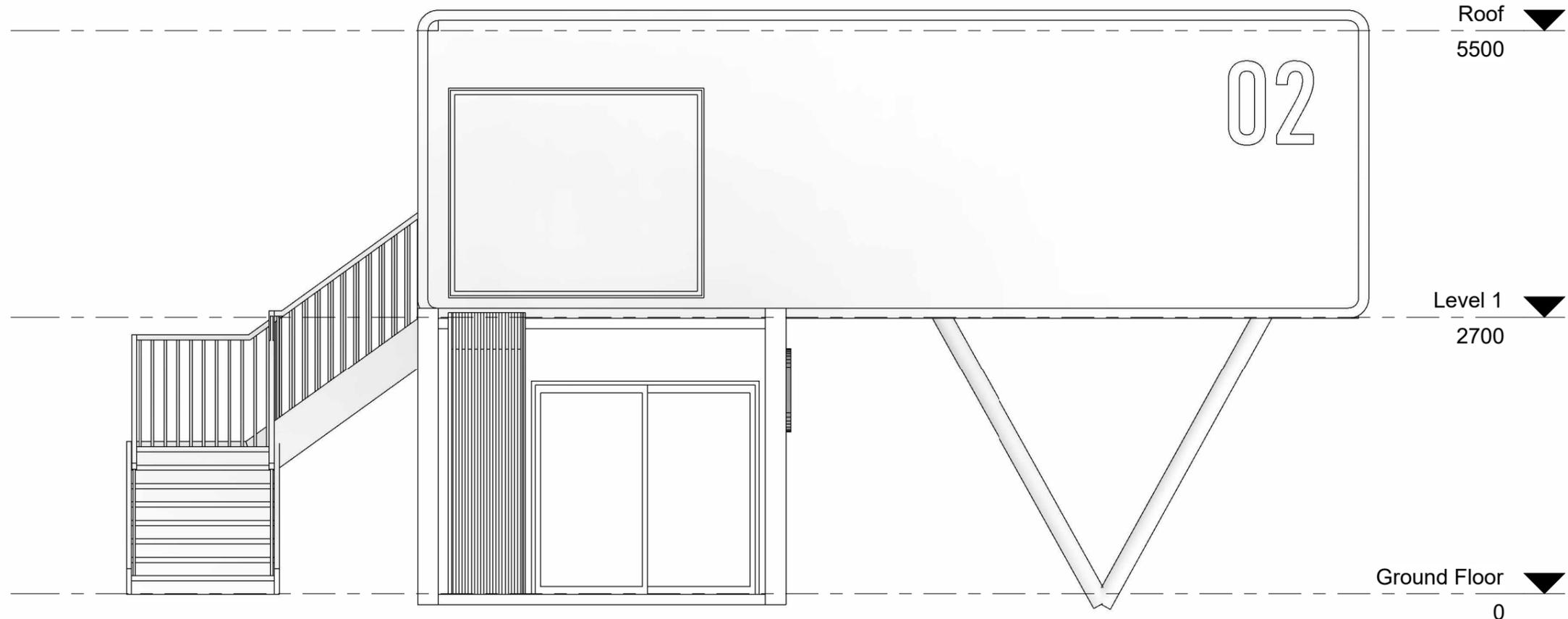


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

North Elevation

Project number	03	A005	
Date	2 June 2023		
Drawn by	Ashley Tew Li Wen		
Checked by	Hien Vu	Scale	1 : 50



All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

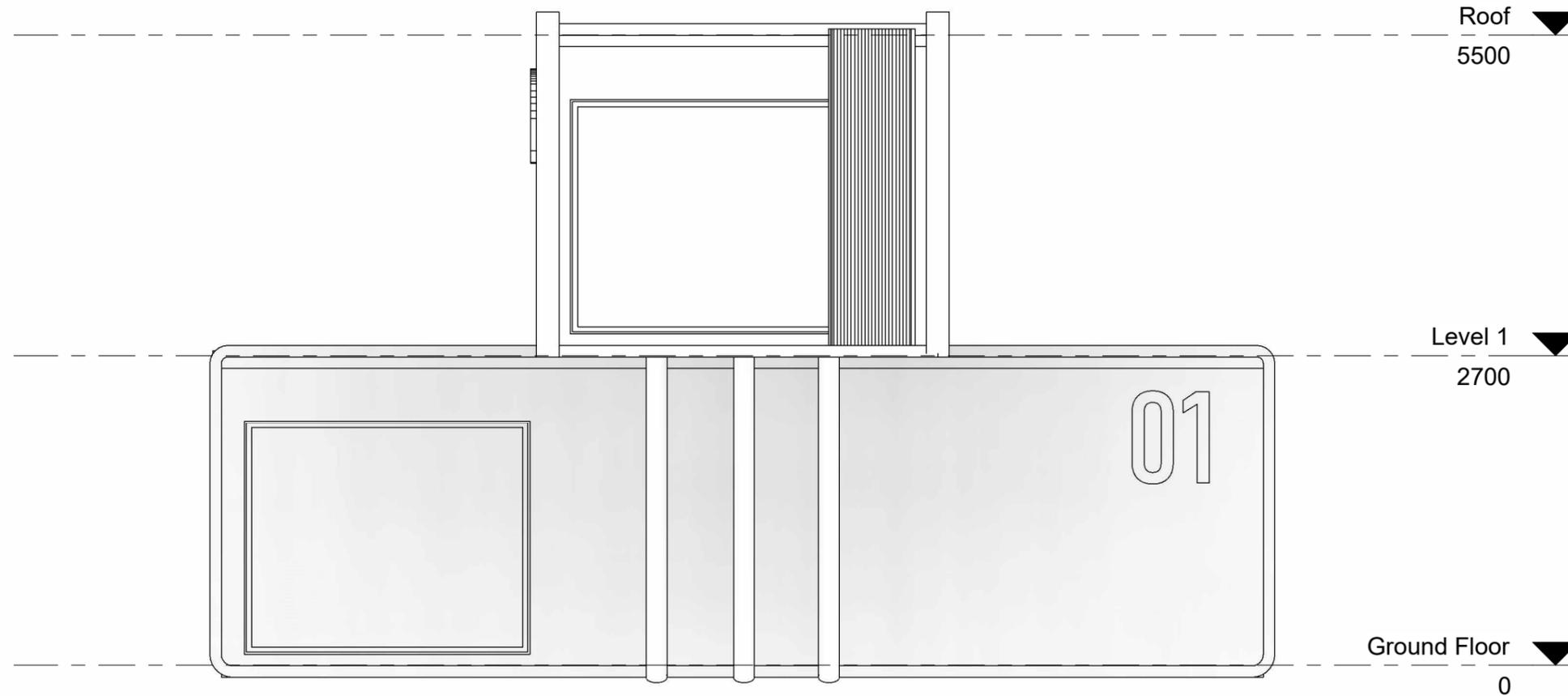
Swinburne Student Village

South Elevation

Project number	03
Date	2 June 2023
Drawn by	Ashley Tew Li Wen
Checked by	Hien Vu

A006

Scale 1 : 50

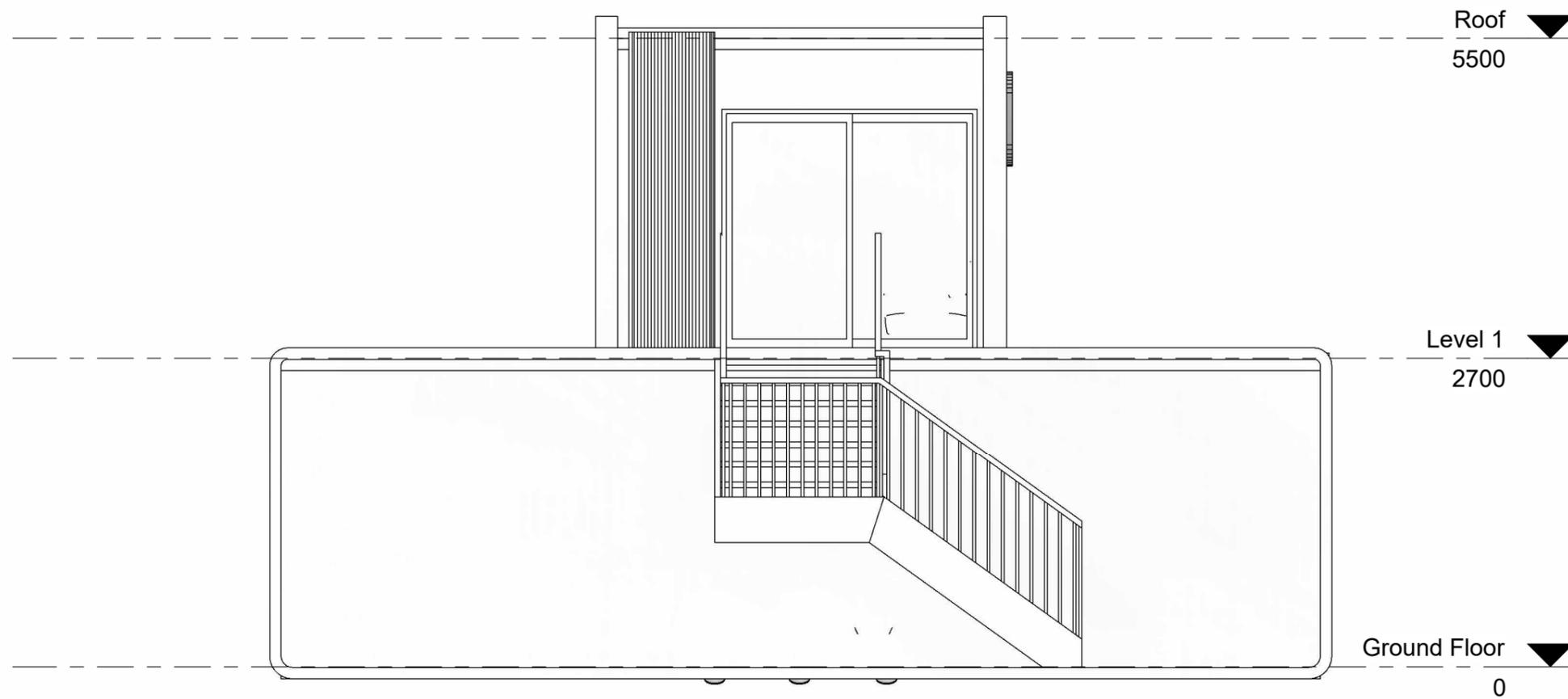


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

East Elevation

Project number	03	A007	
Date	2 June 2023		
Drawn by	Ashley Tew Li Wen		
Checked by	Hien Vu	Scale	1 : 50

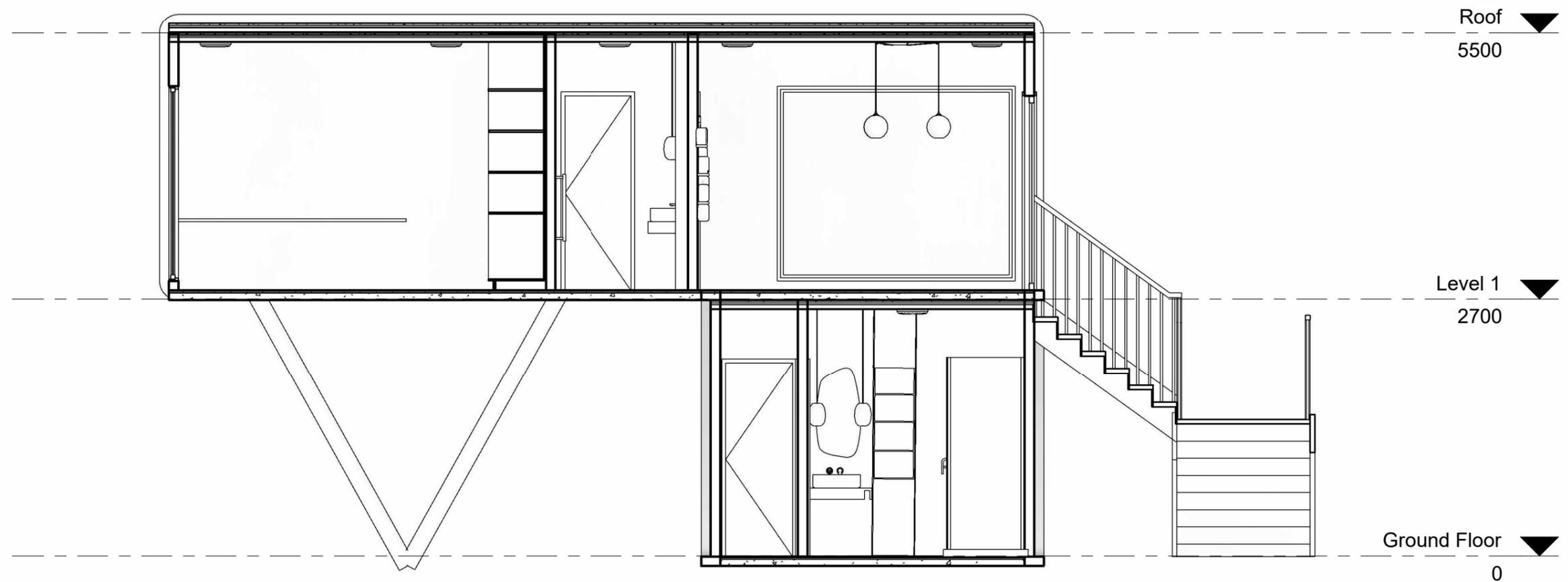


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

West Elevation

Project number	03	A008	
Date	2 June 2023		
Drawn by	Ashley Tew Li Wen		
Checked by	Hien Vu	Scale	1 : 50

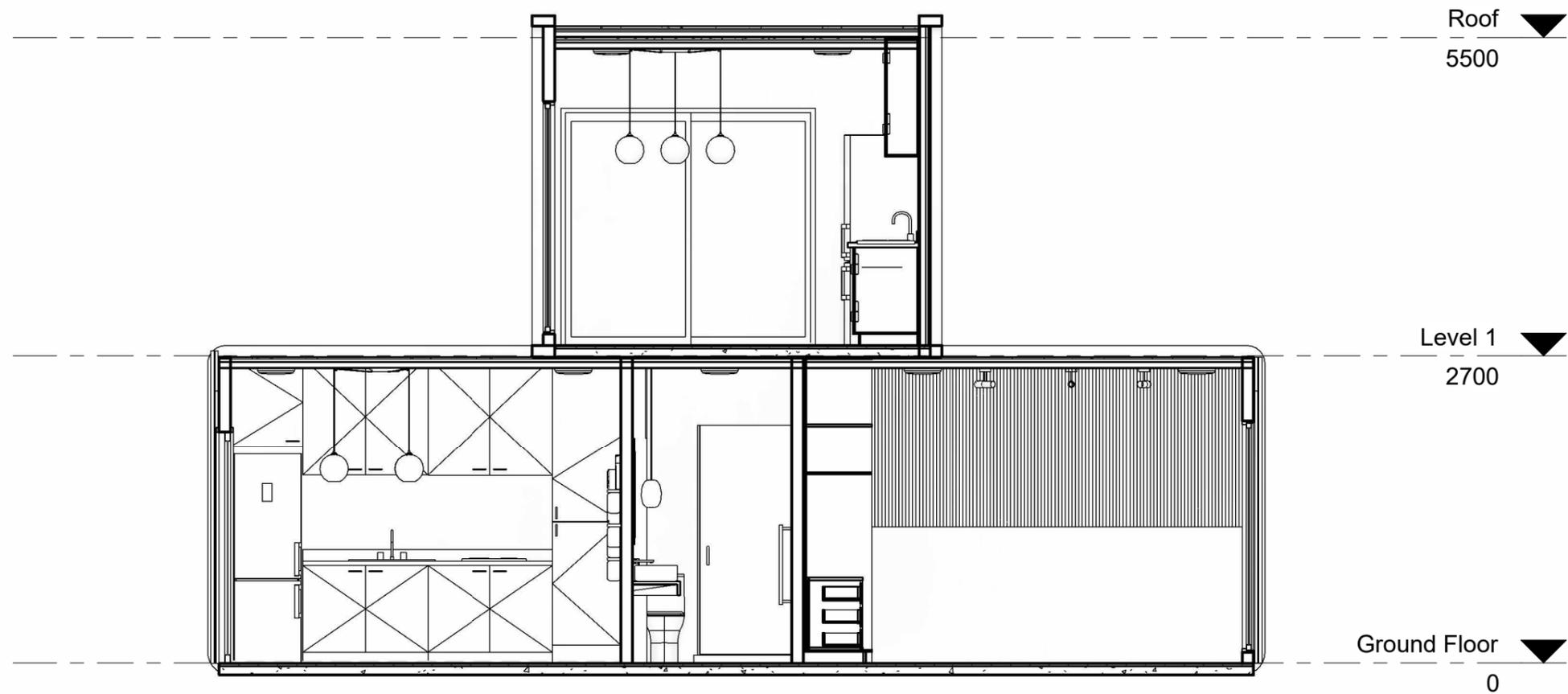


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

Section 1

Project number	03	A009	
Date	2 June 2023		
Drawn by	Ashley Tew Li Wen		
Checked by	Hien Vu	Scale	1 : 50



All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

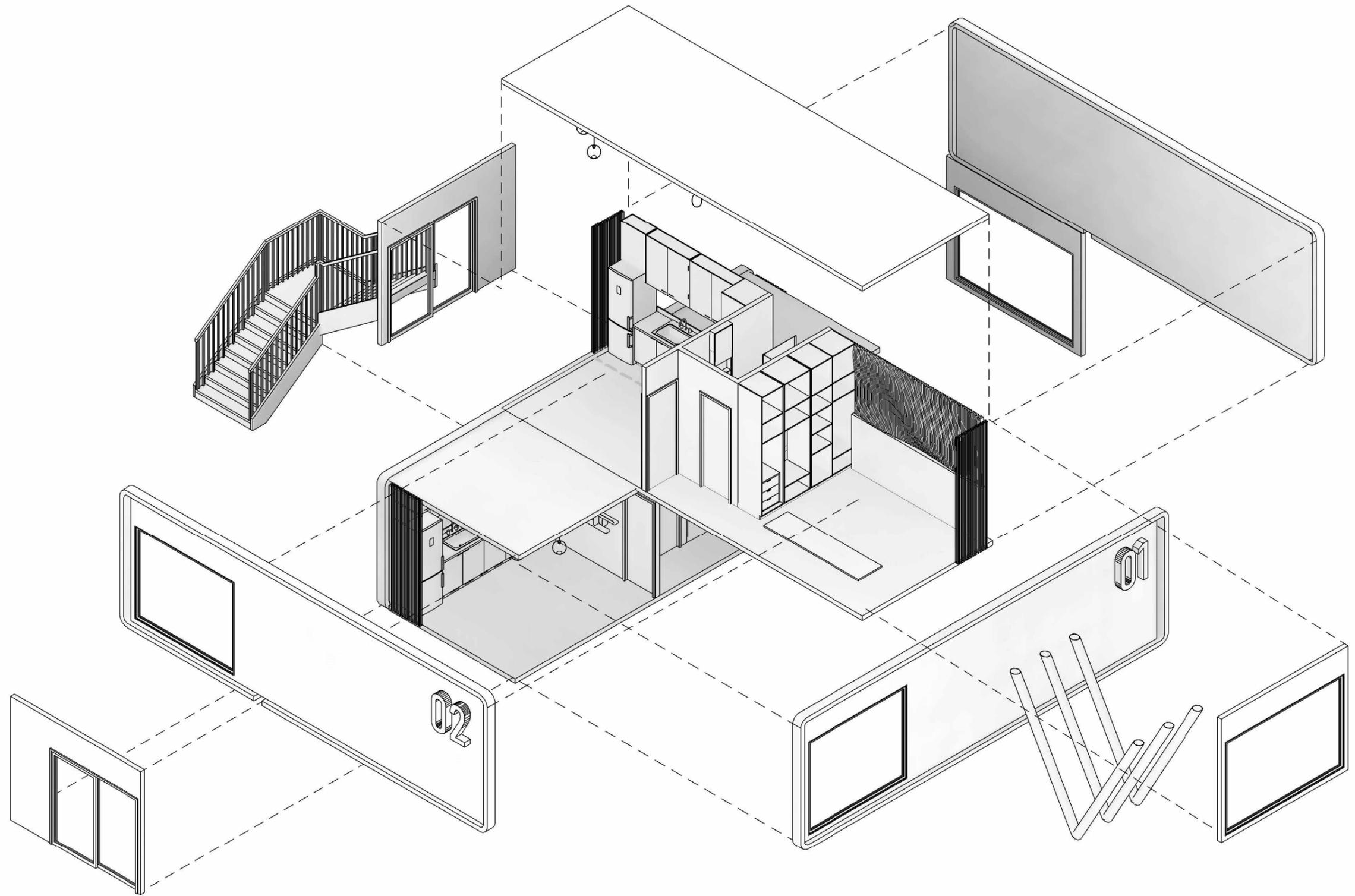
Swinburne Student Village

Section 2

Project number	03
Date	2 June 2023
Drawn by	Ashley Tew Li Wen
Checked by	Hien Vu

A010

Scale	1 : 50
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All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

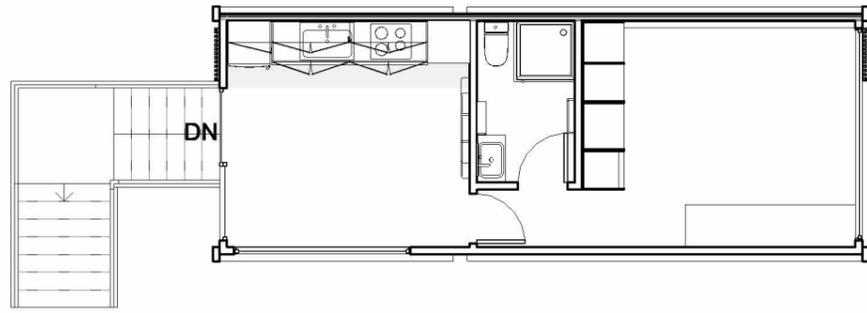
Swinburne Student Village

Exploded Axonometric

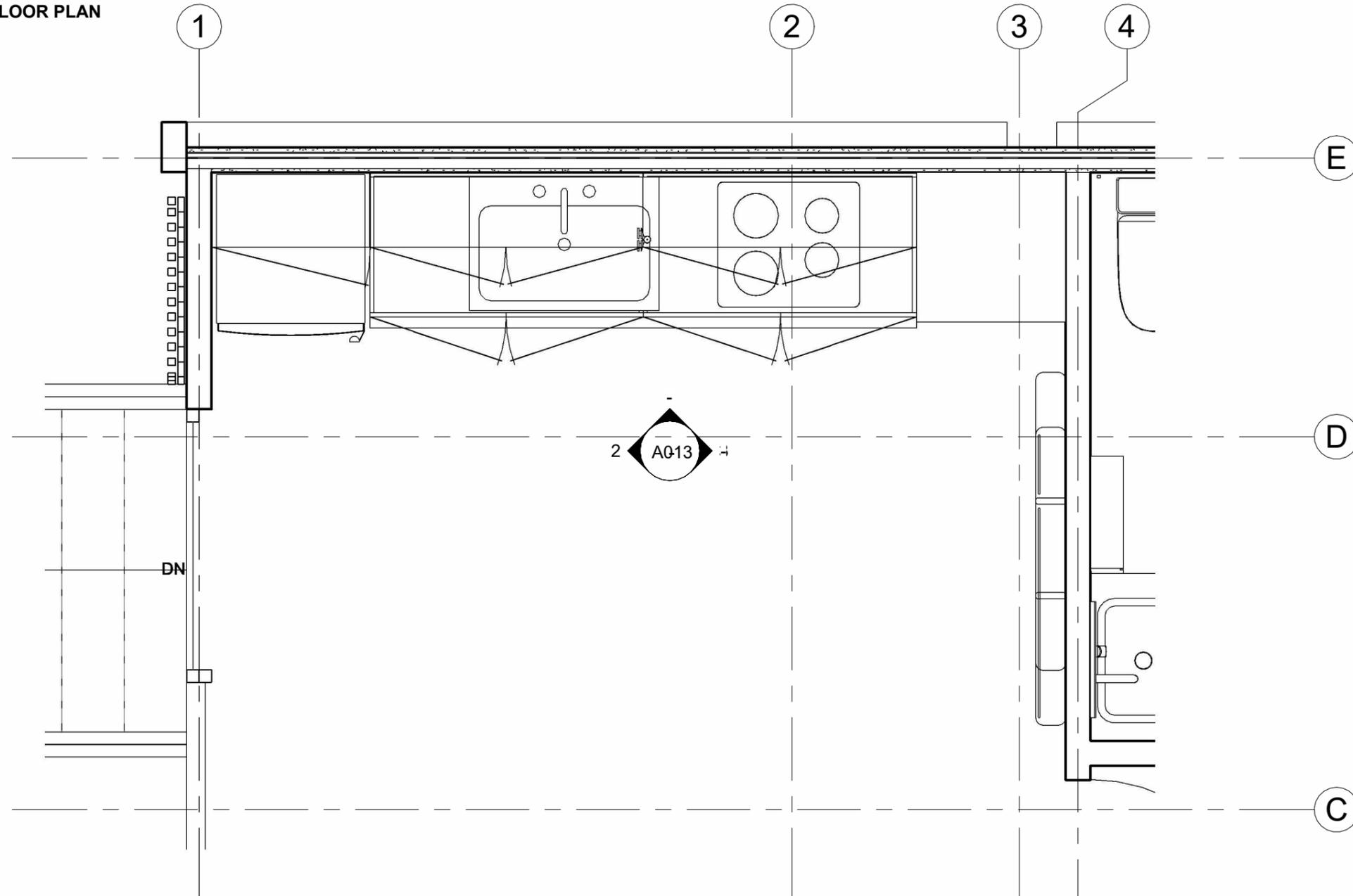
Project number	03
Date	2 June 2023
Drawn by	Ashley Tew Li Wen
Checked by	Hien Vu

A011

Scale



GROUND FLOOR PLAN

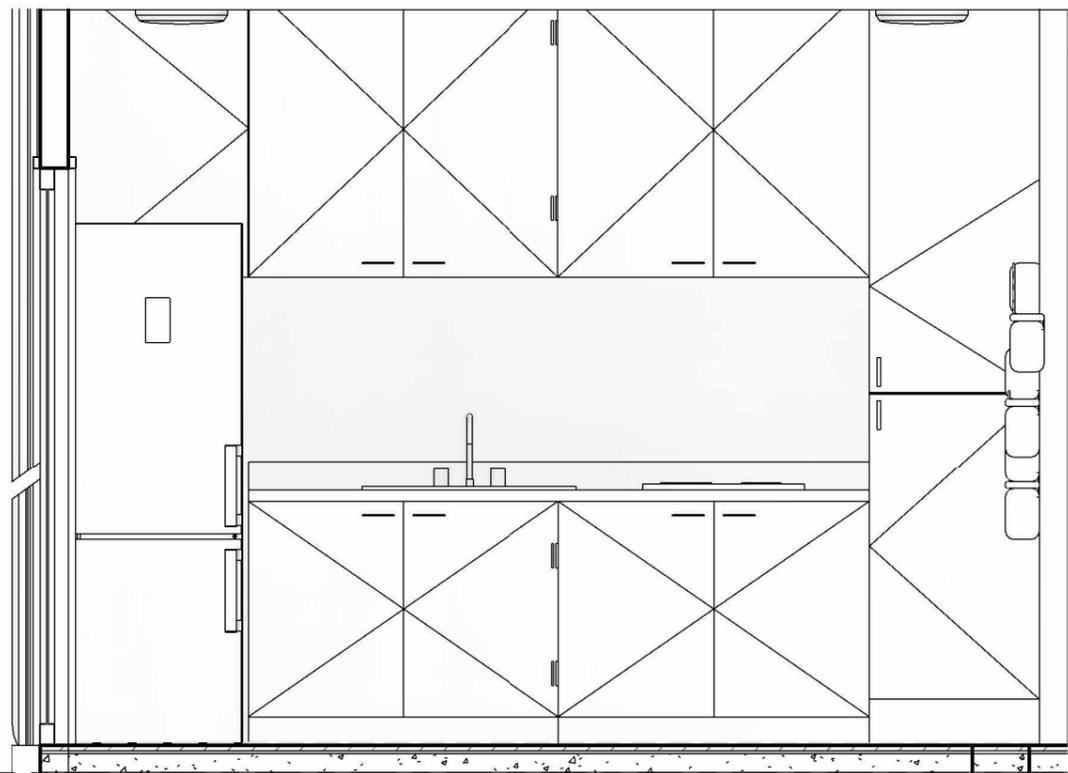


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

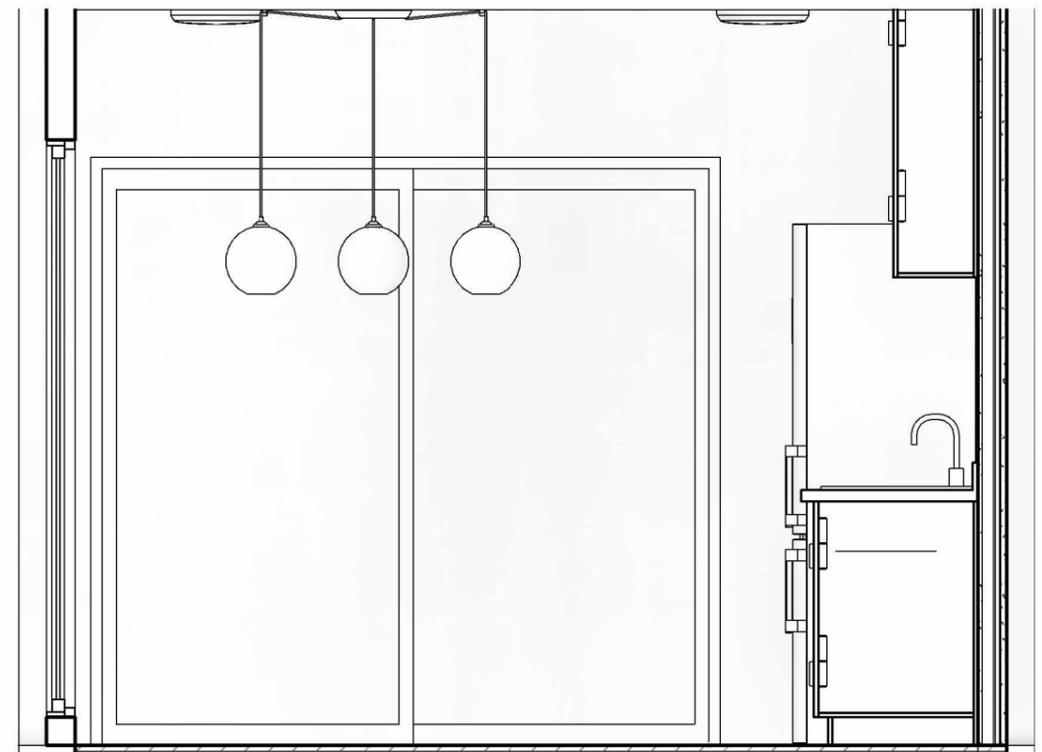
Kitchen Floor Plan

Project number	03	A012	
Date	2 June 2023		
Drawn by	Ashley Tew Li Wen		
Checked by	Hien Vu	Scale	As indicated

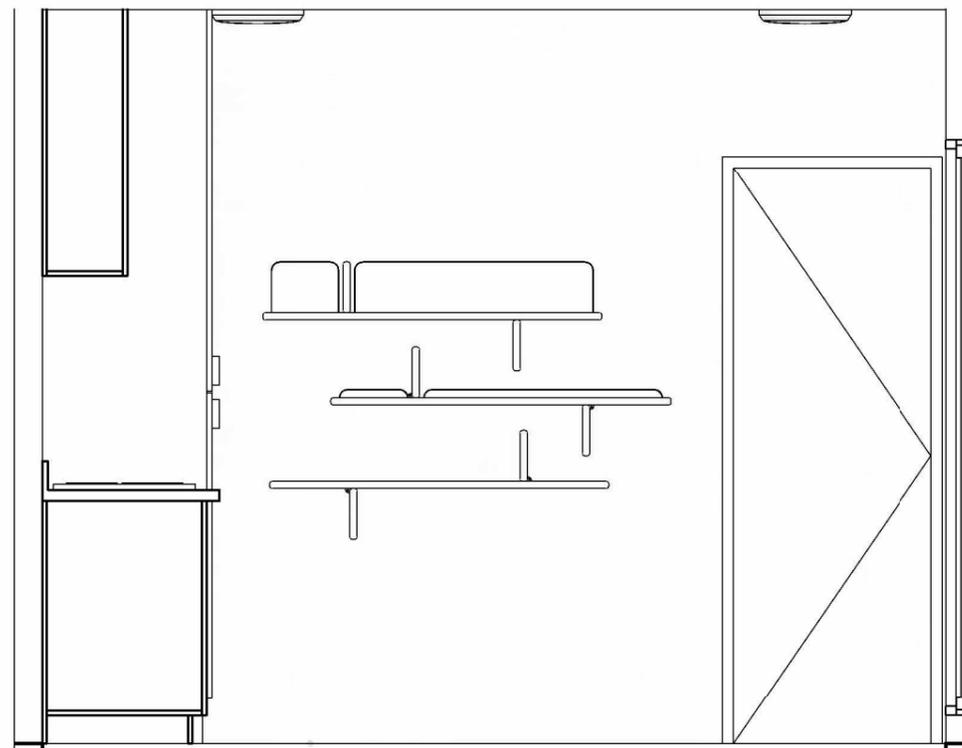


Level 1
2700

1 Kitchen Elevation 1
1 : 25



2 Kitchen Elevation 2
1 : 25



3 Kitchen Elevation 3
1 : 25

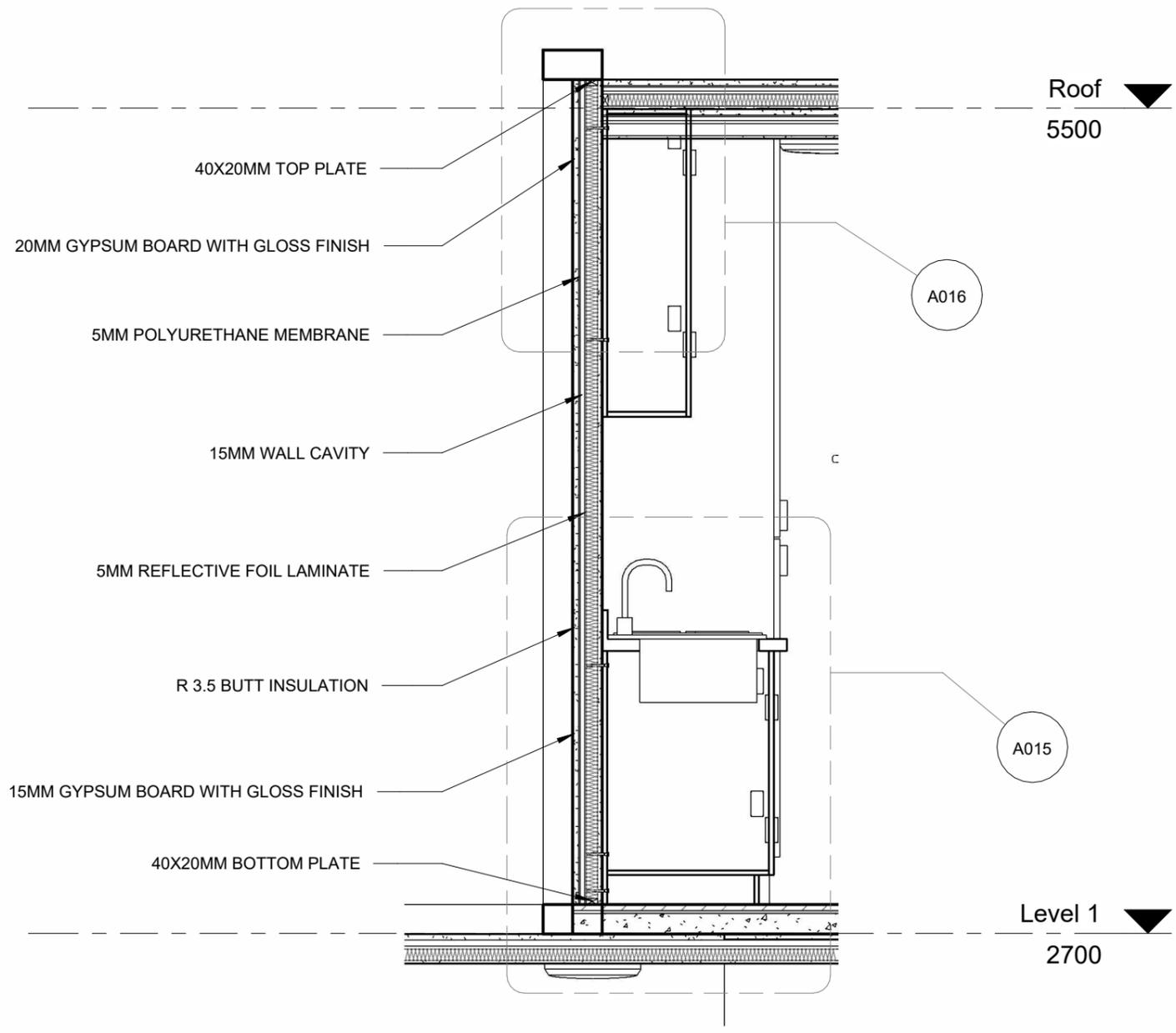


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

Kitchen Elevations

Project number	03	A013
Date	2 June 2023	
Drawn by	Ashley Tew Li Wen	
Checked by	Hien Vu	Scale 1 : 25

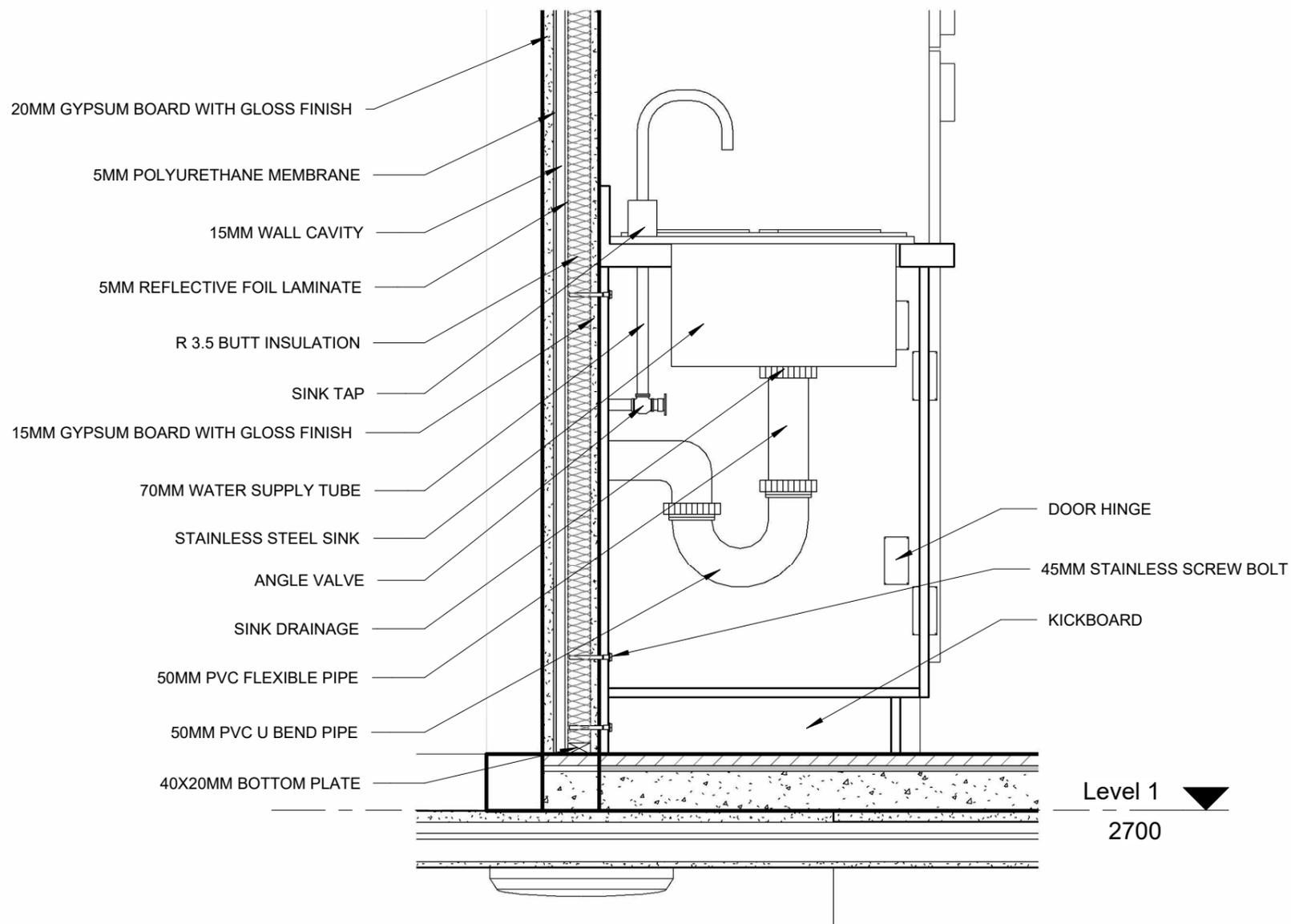


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

Wall Section

Project number	03	A014	
Date	2 June 2023		
Drawn by	Ashley Tew Li Wen		
Checked by	Hien Vu	Scale	1 : 20

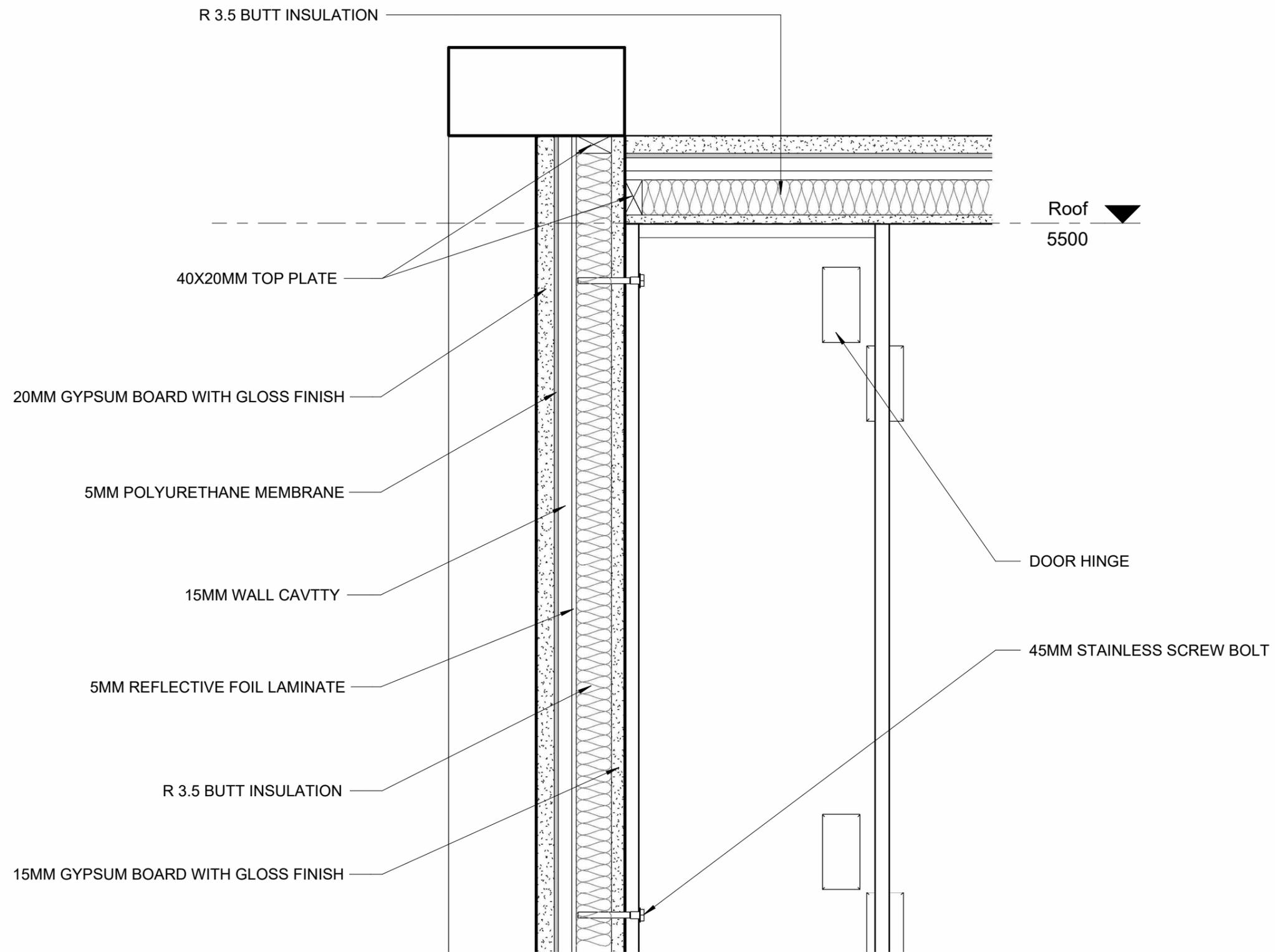


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

Kitchen Details

Project number	03	A015
Date	2 June 2023	
Drawn by	Ashley Tew Li Wen	Scale
Checked by	Hien Vu	

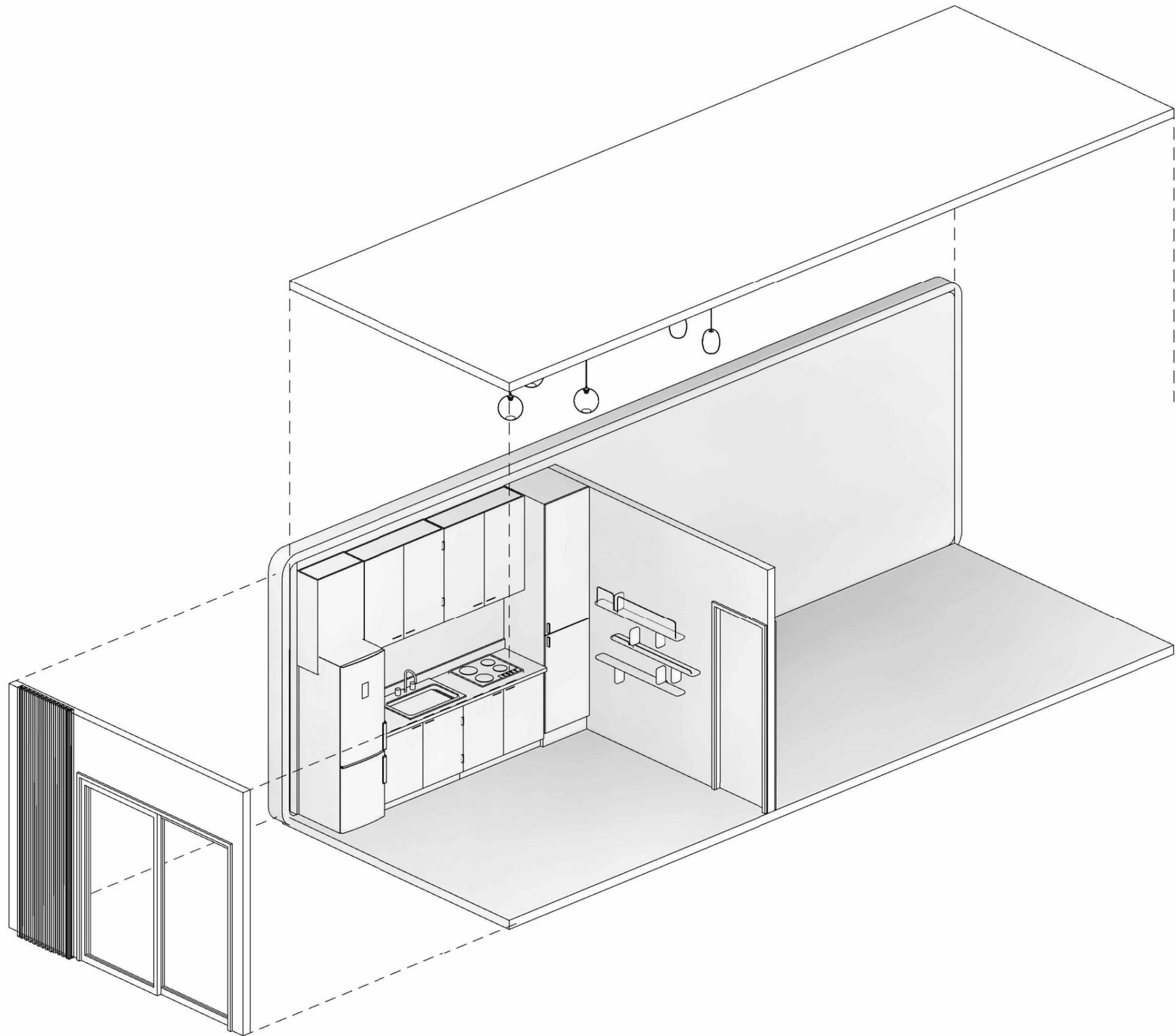


All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

Roof Details

Project number	03	A016
Date	2 June 2023	
Drawn by	Ashley Tew Li Wen	
Checked by	Hien Vu	Scale 1 : 5



All work shall confirm to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

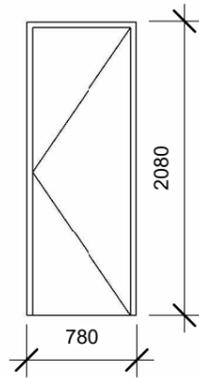
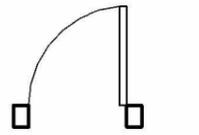
Swinburne Student Village

Kitchen Exploded Axonometric

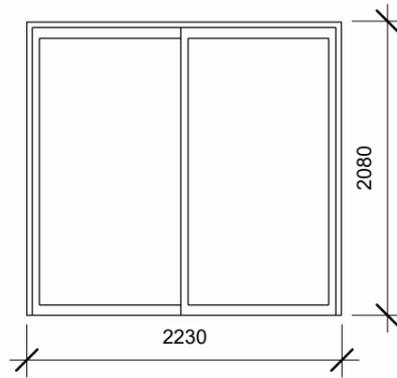
Project number	03
Date	2 June 2023
Drawn by	Ashley Tew Li Wen
Checked by	Hien Vu

A017

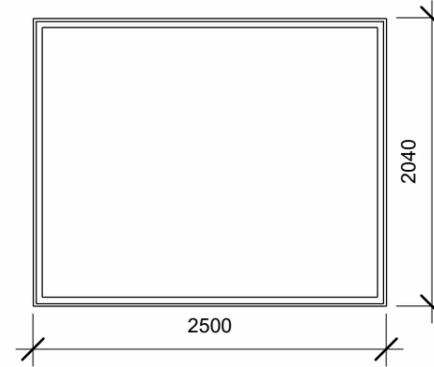
Scale



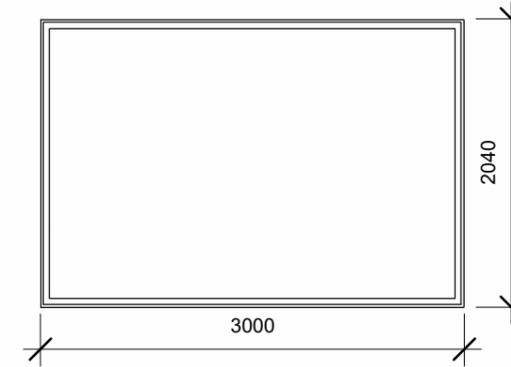
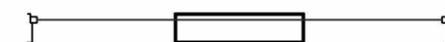
INTERIOR
2080 X 780MM SINGLE FLUSH DOOR



ENTRANCE
2080 X 2230MM 2 PANEL SLIDING DOOR



LIVING AREA
2040 X 2500MM FIXED WINDOW



BEDROOM
2040 X 3000MM FIXED WINDOW

DOOR SCHEDULE

Level	Height	Width	Type
-------	--------	-------	------

Ground Floor	2040	2150	2 Panel Sliding Door
Ground Floor	2040	700	Single Flush Door
Ground Floor	2040	700	Single Flush Door

Ground Floor: 3

First Floor	2040	700	Single Flush Door
First Floor	2040	700	Single Flush Door
First Floor	2040	2150	2 Panel Sliding Door

First Floor: 3

Grand total: 6

WINDOW SCHEDULE

Level	Height	Width	Type
-------	--------	-------	------

Ground Floor	2040	2500	Aluminium Fixed Window 1
Ground Floor	2040	3000	Aluminium Fixed Window 2
First Floor	2040	3000	Aluminium Fixed Window 2
First Floor	2040	2500	Aluminium Fixed Window 1



All work shall conform to the specification of all other relevant drawings. Figured dimensions take precedence over scaled dimensions. Check all dimensions on site.

Swinburne Student Village

Door Window Legend & Schedule

Project number	03	A018
Date	2 June 2023	
Drawn by	Ashley Tew Li Wen	
Checked by	Hien Vu	
Scale	1 : 50	

WEEK 1

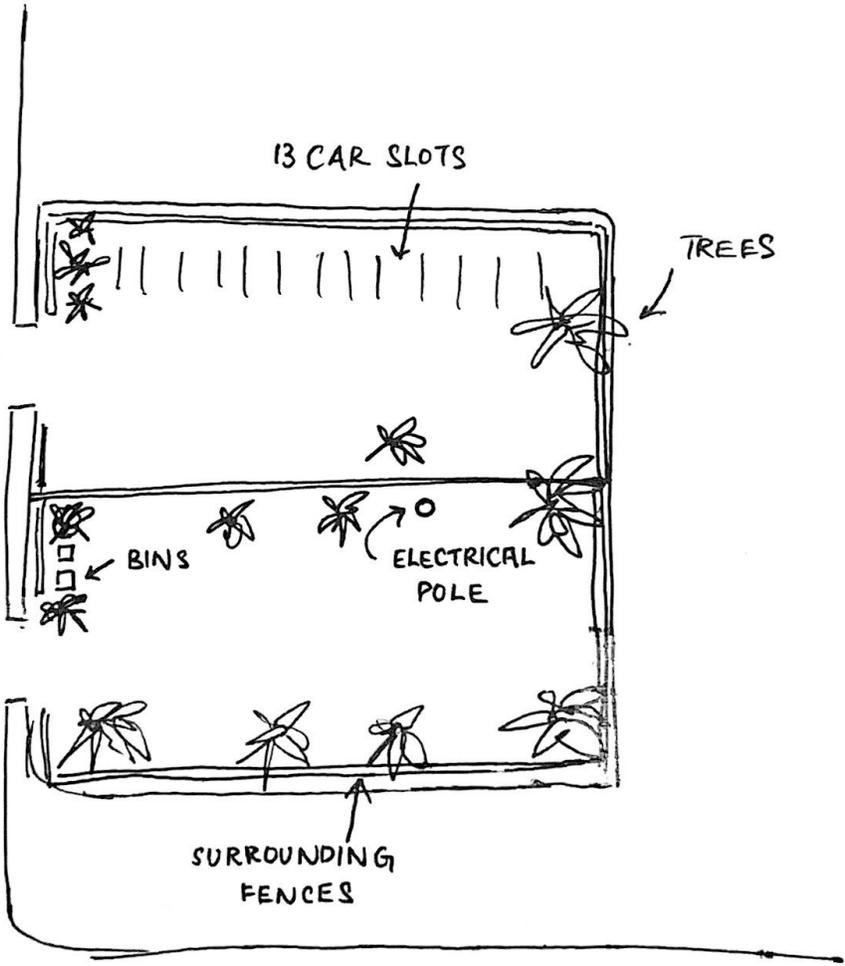
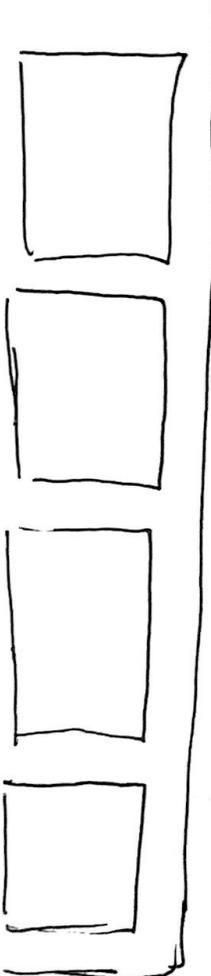
① SITE VISIT

↳ CAR PARK AT 4 PATERSON STREET

↳ TO MEASURE LOCATION'S SIZE

↳ OBSERVE EXISTING CONDITIONS

- HOUSES
- BUILDINGS (CHURCH/SHOP)
- SURROUNDING TREES & CONSTRAINTS (FENCES / GROOVES / ELECTRICAL POLE)

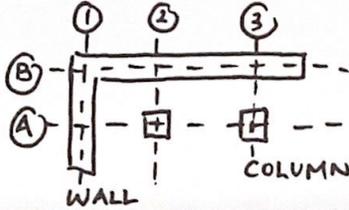


WEEK 2

① SET UP ON REVIT

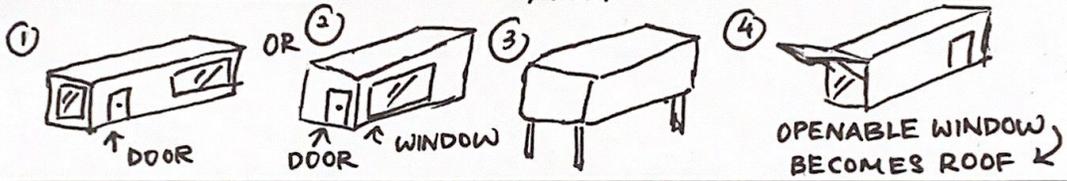
↳ GRID SYSTEM

- TO BE PLACED IN BETWEEN
A STRUCTURAL ELEMENT
FOR REFERENCING



↳ LEVELS

- CEILING HEIGHT 2700MM



② MODULAR HOUSING IDEAS

↳ CURVED OR EDGED?

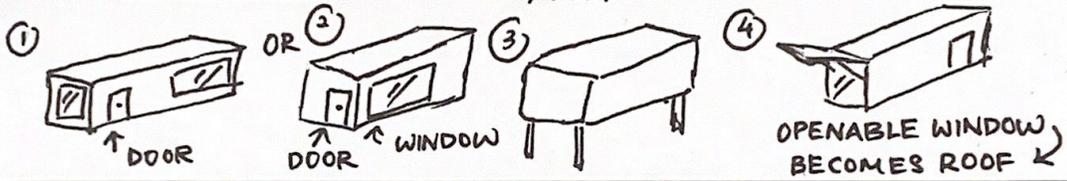


↳ INDIVIDUAL POD

- TRANSPORTABLE INDIVIDUAL UNITS
- STACKABLE
- EACH POD HAS THE SAME LAYOUT

↳ FUTURISTIC LOOKING + SUSTAINABLE MATERIAL

↳ PLACEMENTS

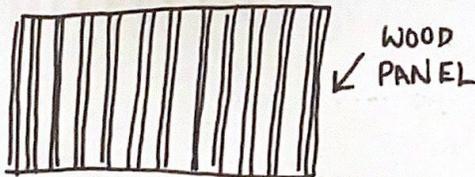


WEEK 3

① CURTAIN WALL

↳ MULLION

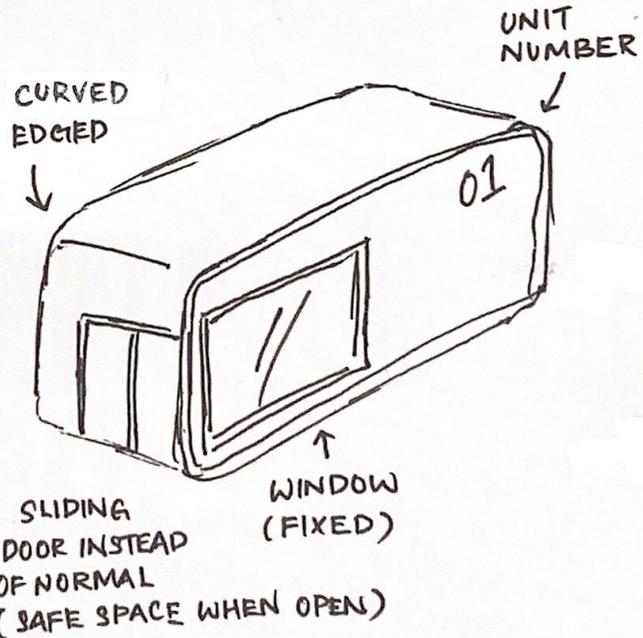
↳ DISABLING THE HORIZONTAL
MULLION & DECREASE THE
WIDTH IN BETWEEN
VERTICAL MULLION



↳ CHANGE MATERIAL TO
E-G WOOD

② STAIRS

③ MODULAR HOUSING



↳ ADVISED BY LECTURER TO DUPLICATE
& STACK IT UP *

WEEK 4

REMINDER TO SET UP PROJECT*

① NORTH ORIENTATION

↳ SCREENSHOT MAP & IMPORT INTO REVIT

↳ DRAW LINE ALLIGNE TO THE MAP AND ROTATE THE NORTH SYMBOL

② CAMERA / INTERIOR PERSPECTIVE

↳ VIEW → 3D → CAMERA

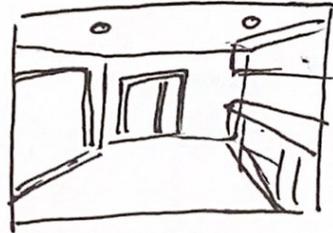
↳ PLACE IN PLAN

③ SECTIONAL PERSPECTIVE

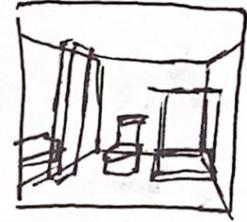
↳ SAME STEP AS ② BUT

PLACE OUTSIDE THE BUILDING

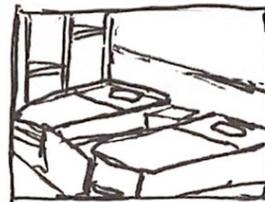
3D VIEWS :



LIVING + KITCHEN
FACING ENTRANCE



TOILET



BEDROOM FROM OUT
LOOKING IN

WEEK 5

① ANNOTATION

↳ DIMENSION ENDS WITH 0 OR 5

↳ CHANGE BY DOUBLE CLICK

↓

INSERT UNICODE

↓

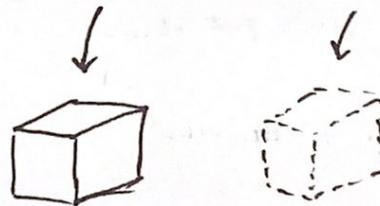
UNIT SEPERATOR

② PLACE NORTH SYMBOL ON FLOOR PLANS, SITE & ROOF PLAN

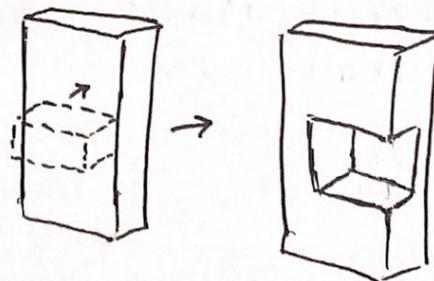
③ MODEL - IN - PLACE

↳ GENERIC MODELS & MASS

↳ SOLID FORMS & VOID FORMS



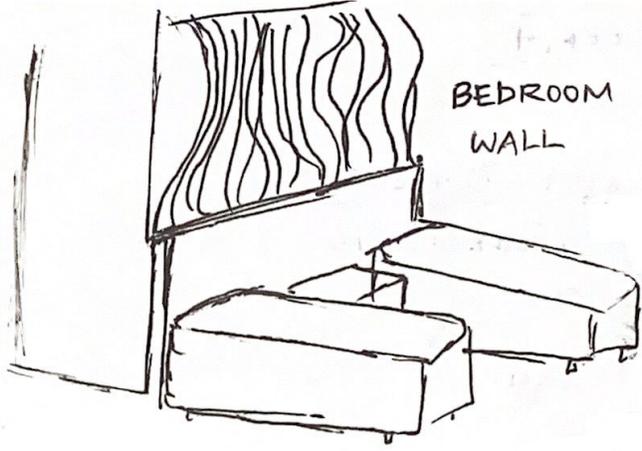
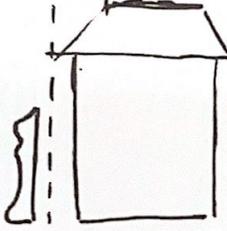
↳ BY COMBINING THEM



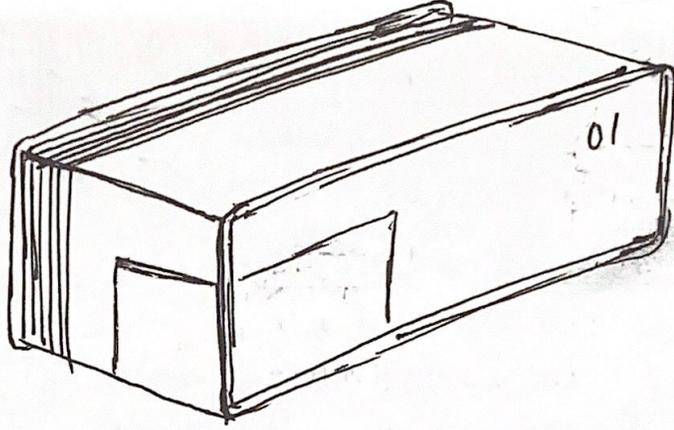
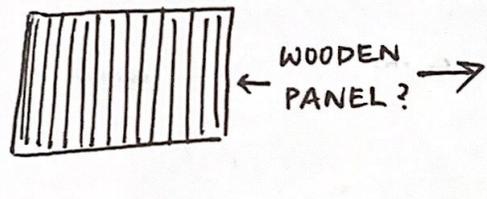
WEEK 6

① WAVY FACADE

↳ CREATE WAVY FORM FROM THE SIDE OF THE PLANE



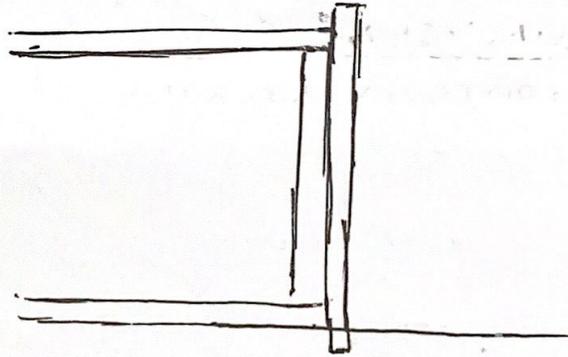
② PARAMETRIC ELEMENT



WEEK 7

① ROOF STRUCTURE

↳ FLAT ROOF
↳ OFF SLOPE ANGLE



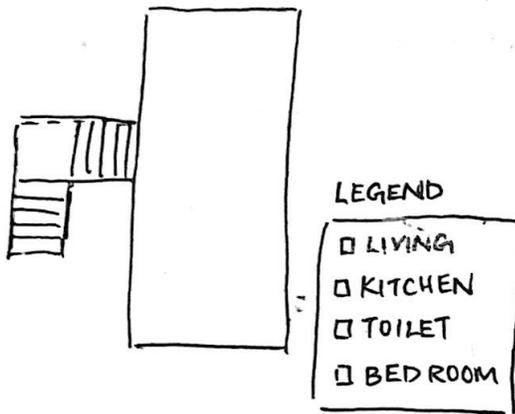
② MODULAR HOUSING

- ↳ FURNITURES
- SOFA
 - COFFEE TABLE (INSTEAD OF NORMAL DINING TABLE CUZ X SPACE)
 - BEDS (KING SINGLE)
 - SIDE TABLE
 - STUDY CHAIRS

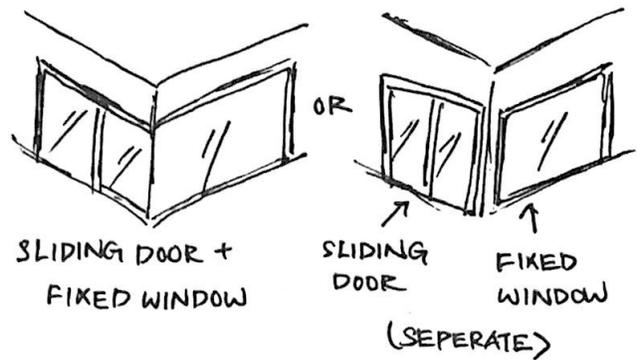
WEEK 8

① COLOUR SCHEME

- ↳ DUPLICATE FLOOR PLAN WITH DETAILING
- ↳ TAG ROOMS FIRST IN PLAN
- ↳ COLOUR FILL LEGEND

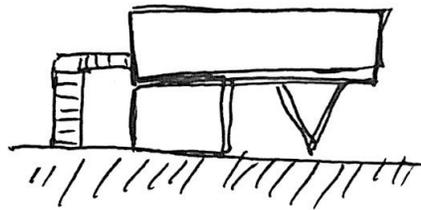


② CORNER WINDOW



③ TOPOGRAPHY

- ↳ INCLUDE @ SECTION



WEEK 9

① WALL SECTION

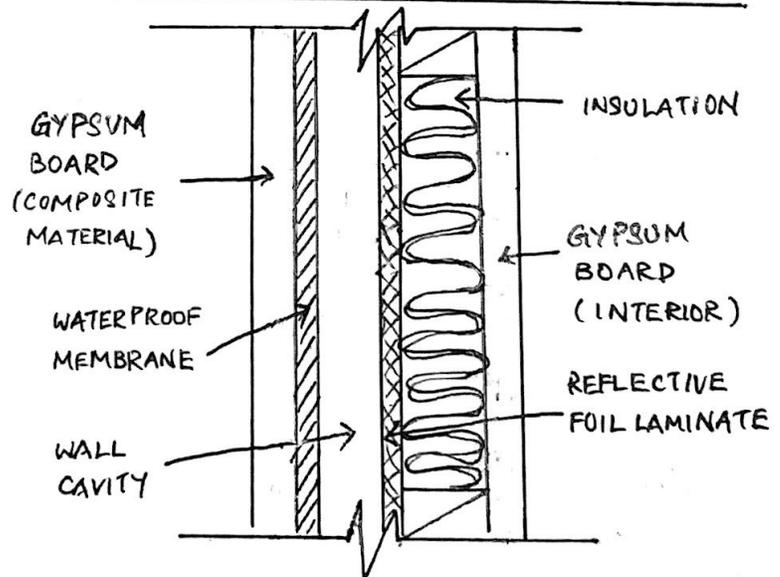
- ↳ CREATE LAYERS WITHIN THE WALL
- ↳ DETAIL COMPONENTS + INSULATION + WATERPROOF MEMBRANE

② ROOF PLAN

- ↳ ADJUST ELEVATION VIEW @ PROPERTIES TO SEE WHOLE ROOF

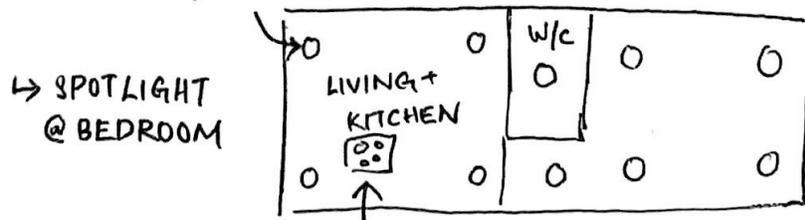
③ CEILING PLAN

- ↳ ADD LIGHTINGS
- ↳ DOWNLIGHTS
- ↳ PENDANT LIGHTS @ LIVING + TOILET



WALL SECTION OF MODULAR HOUSE (PROPOSED)

DOWNLIGHTS



PENDANT LIGHT ABOVE SOFA?

WEEK 10

- A1 JOURNAL → BUILDING NAME
→ DESCRIPTION
→ SITE PLAN + MAP
→ ADD SCALE BARS

A3 PORTFOLIO

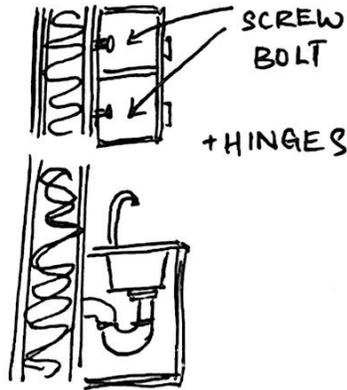
- ↳ NO COLOUR ↳ ELEVATION x INCLUDE
↳ NO LOOSE ITEMS TOPO SURFACE
↳ NO FURNITURE ↳ AVOID USING RED

RENDERING (THE HIGHER THE VALUE, THE CLEARER)

WEEK 11

① DETAILS

- ↳ WALL SECTION
↳ KITCHEN SECTION
- JOINERY OF CABINET
 TO WALL
- SINK / PIPES TO WALL



WEEK 12

① LIGHTINGS

- ↳ DOWNLIGHTS
↳ PENDANT LIGHTS
↳ SPOTLIGHTS

