

Architectural drafting and design portfolio

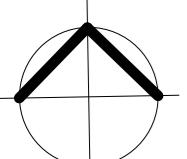


Palm Grove House

Drawing Index

- | | |
|-----------------------------------|---------------------------|
| A101 Locality plan | A200 Bathroom floor plans |
| A102 Site plan | A201 Axonometric drawings |
| A103 Earthworks plan | A204 Ensuite elevations |
| A104 Foundation plan | A300 Door schedule |
| A105 Ground floor plan | A400 Details |
| A106 First floor plan | |
| A109 East elevation | |
| A110 South elevation | |
| A112 Section one | |
| A113 Section two | |
| A114 Ground floor electrical plan | |
| A116 Ground floor bracing plan | |





NORTH



Notes

Address: 10 Palm Grove
Berhampore
Wellington 6023

Lot: 5 DP 797
Parcel ID: 3932170

Wellington City Council
DP Zone: Inner Residential
IR4 Berhampore

Front yard: Minimum 3m
Side yards: No requirement
Maximum Height: 9m

Wind Zone: Medium/High
Earthquake Zone: 3
Exposure Zone: C
Climate Zone: 2
Wind Region: W
Rainfall Intensity: 50-60mm

Site Area: 519m²
Current buildings on site: Approx 110m²
Proposed building on site: Approx 74m²
Total site coverage: $110m^2 + 74m^2 = 21\%$
Maximum allowable coverage: 50%

Jess Beale

ID: 2210832

Palm Grove House
Artour and Emma

10 Palm Grove
Berhampore
Wellington 6023

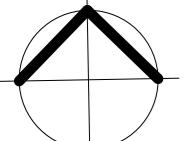
Site Plan

Drawn Scale: 1 : 200

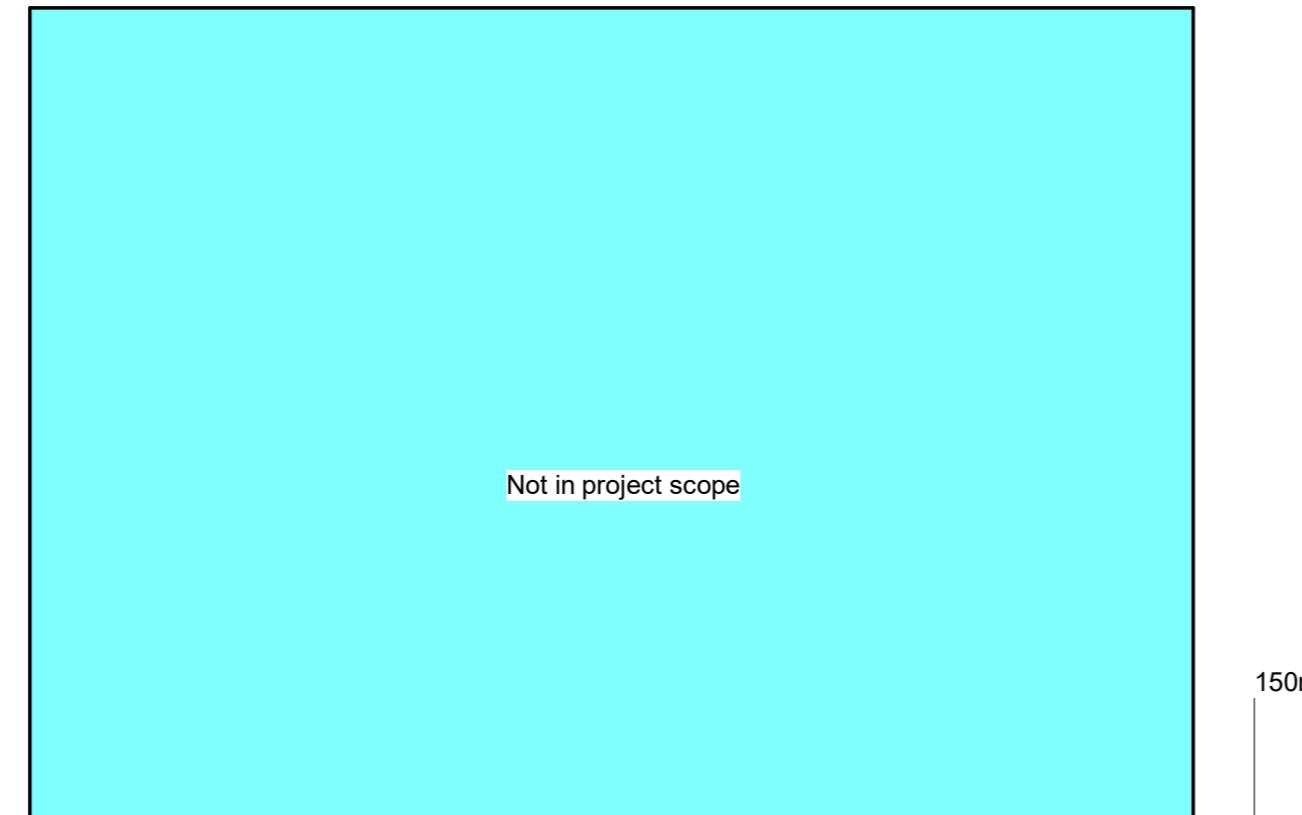
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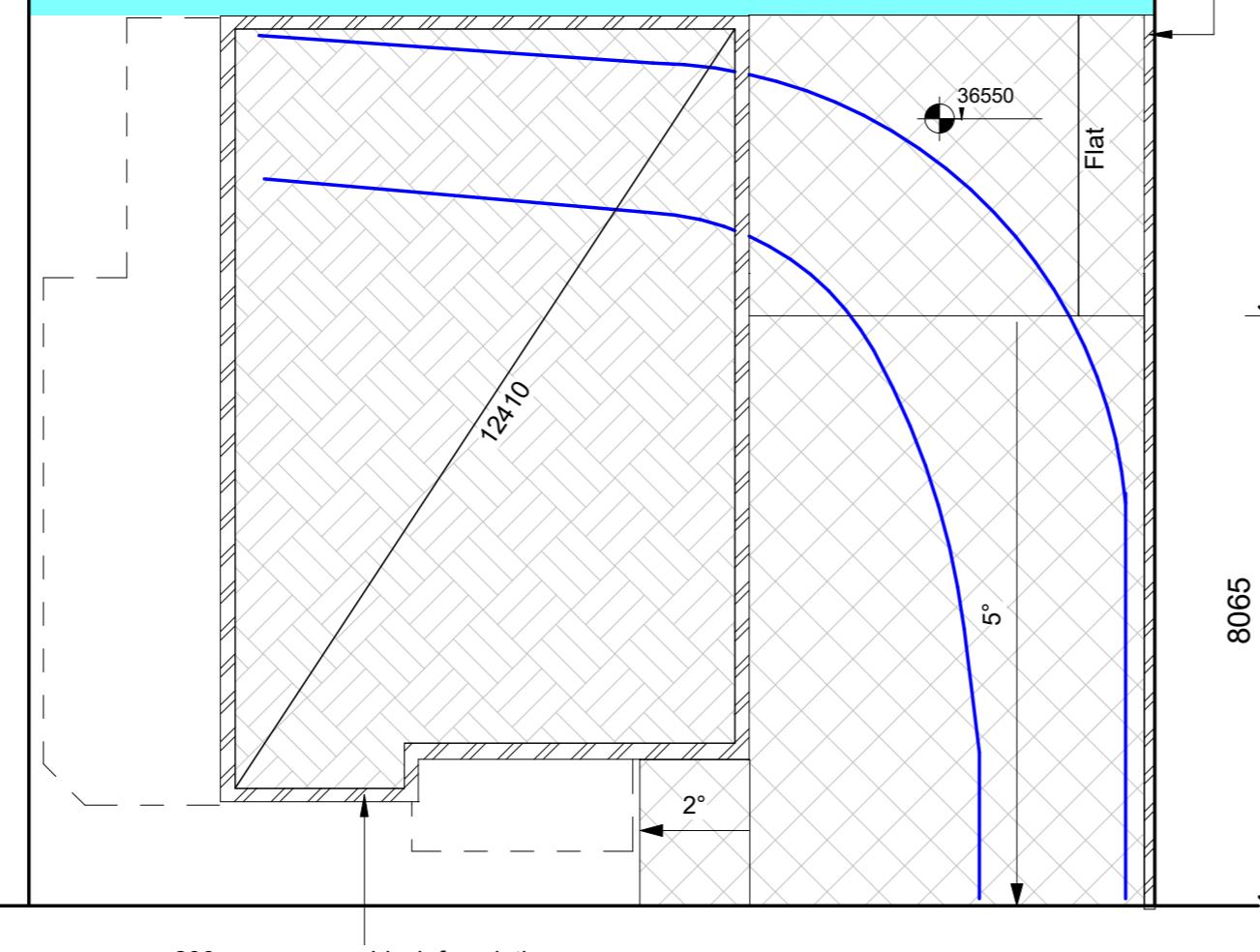
01/04/2022



NORTH



Not in project scope

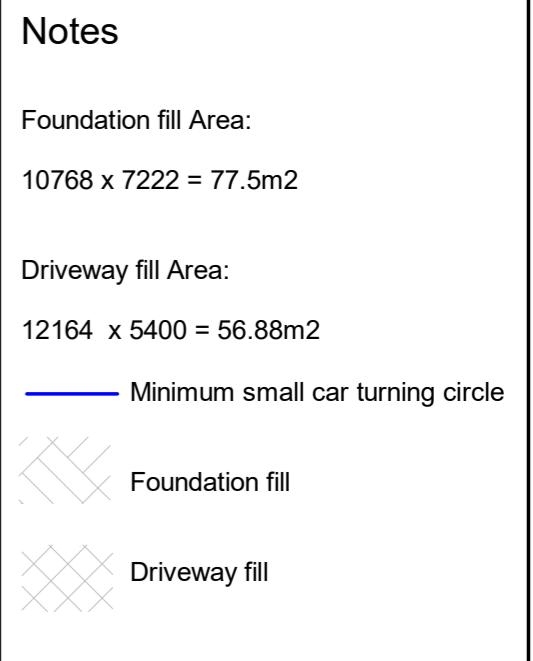


PALM GROVE

1

Earthworks

1 : 100



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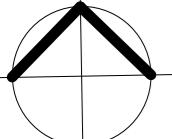
Earthworks Plan

Drawn Scale: 1 : 100

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A103

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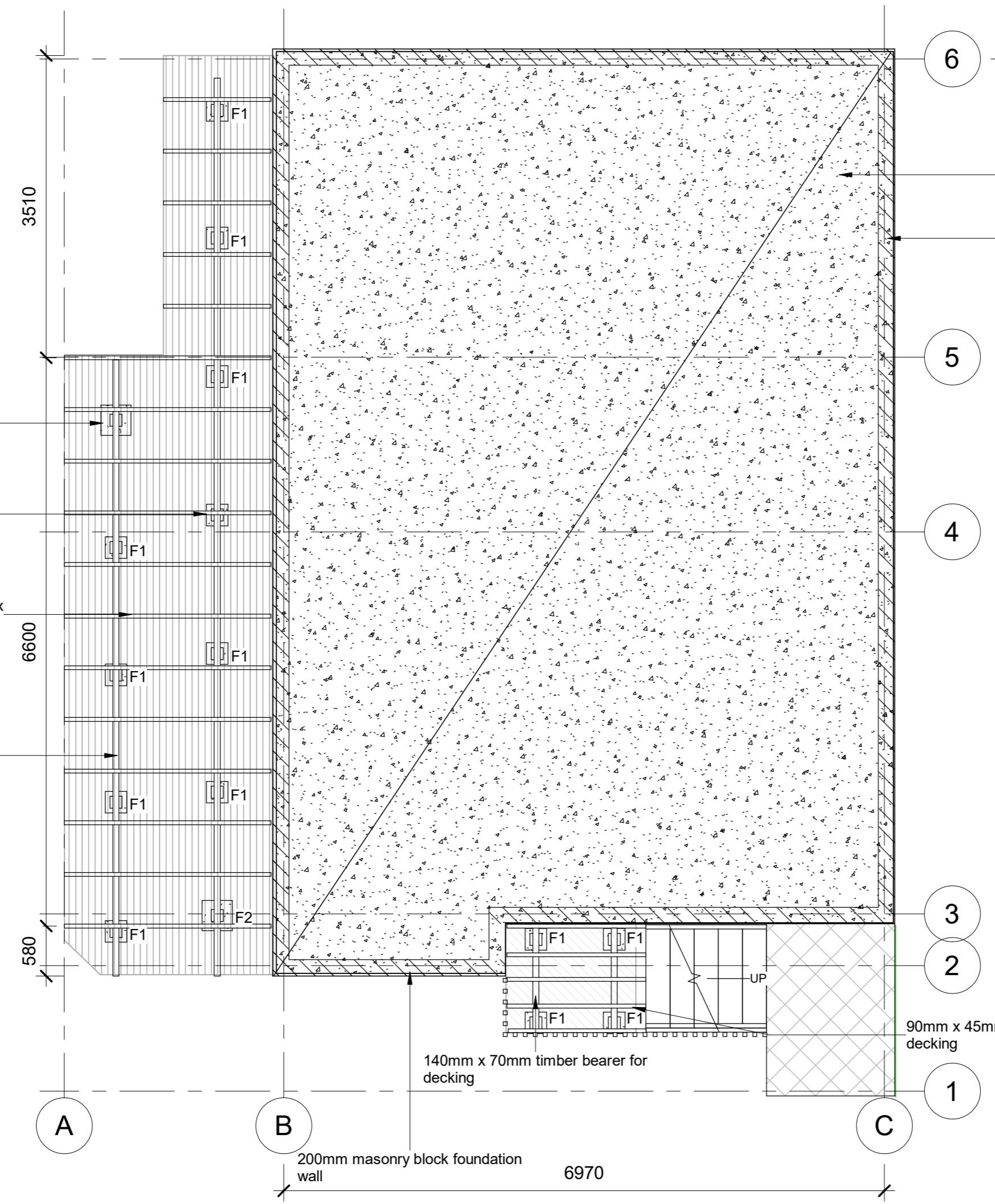
NORTH

F2 350mm x 350mm concrete footing for decking with 125mm x 125mm timber pile

F1 250mm x 250mm concrete footing for decking with 125mm x 125mm timber pile

240mm x 45mm timber joist at max 600 centres

140mm x 70mm timber bearer for decking



Foundation plan
1 : 50

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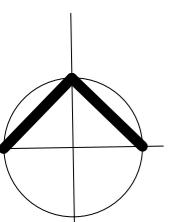
Foundation Plan

Drawn Scale: 1 : 50

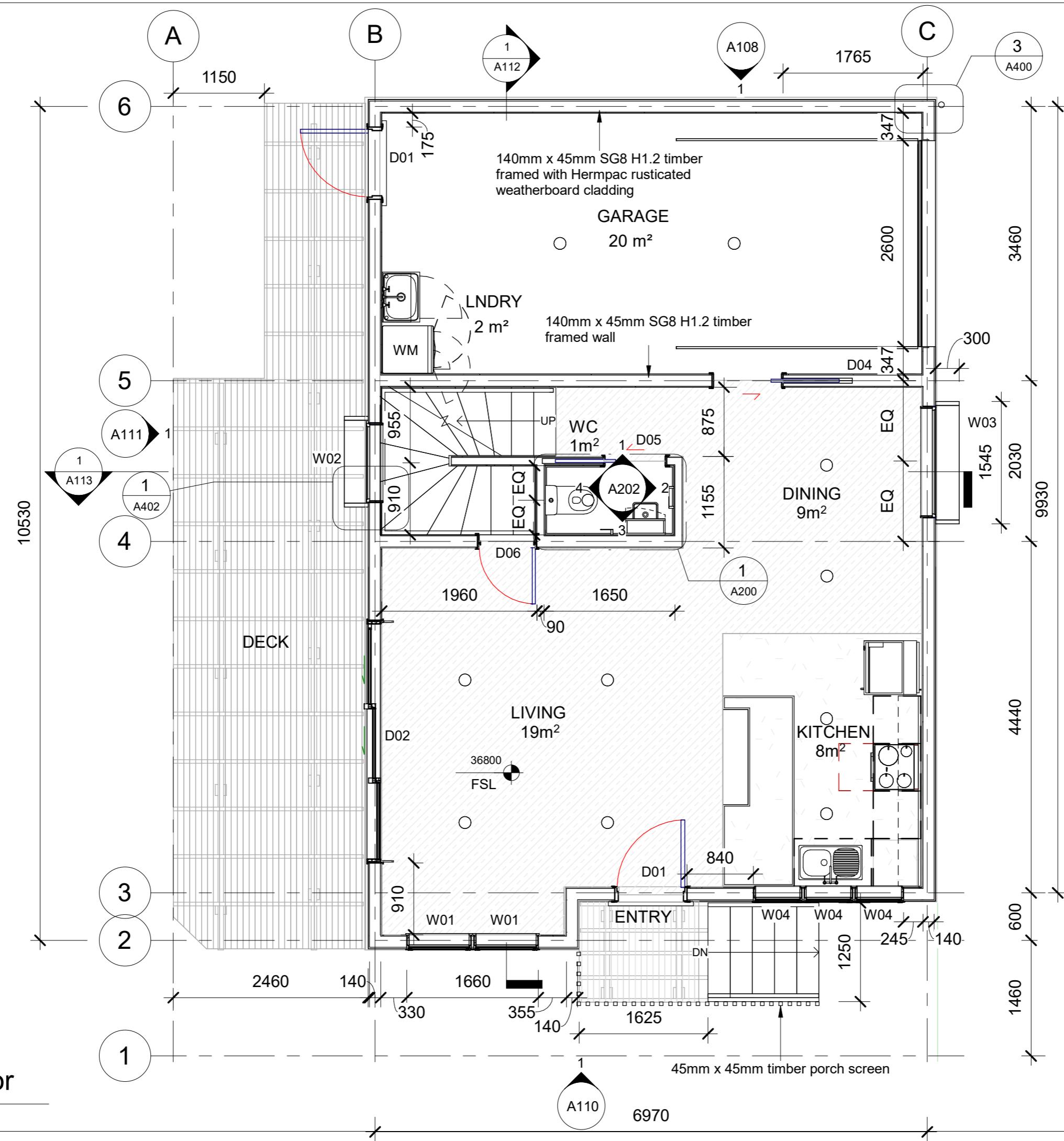
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A104

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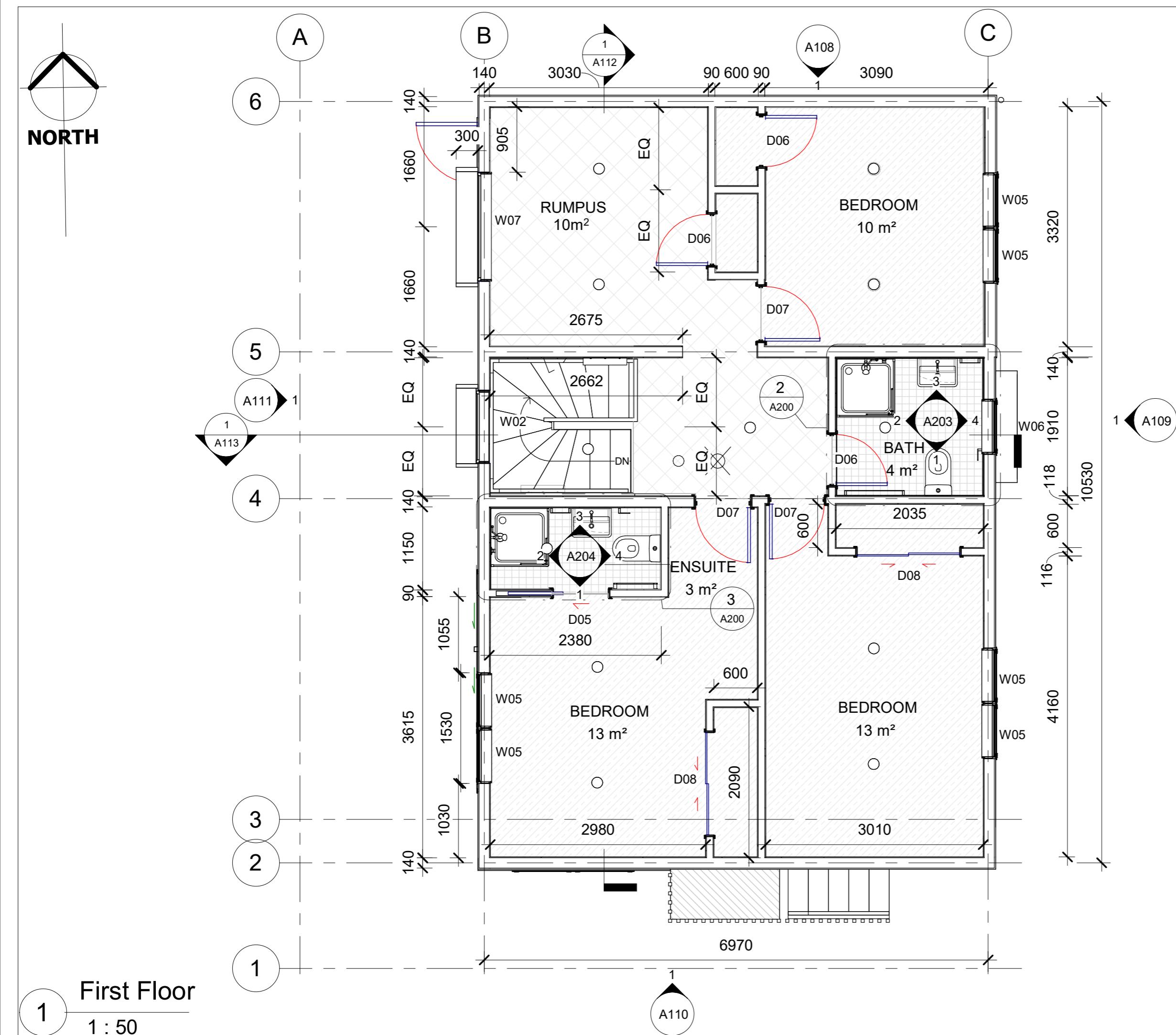
10 Palm Grove
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Wellington 6023

Ground Floor Plan

Drawn Scale: 1 : 50

Sheet No:
A-185

01/04/2022



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First Floor Plan

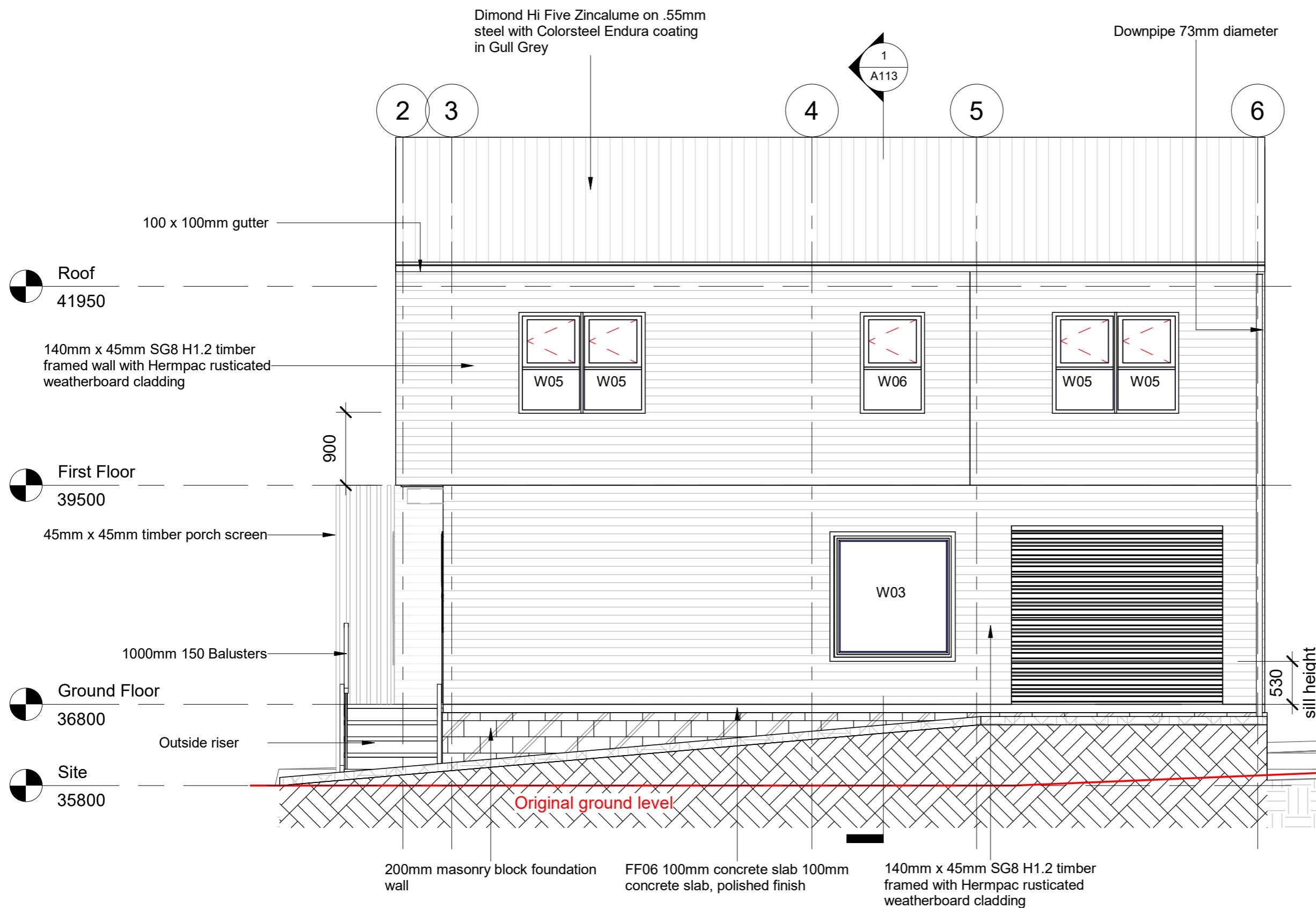
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A-103

01/04/2022

Notes

For window and door sizing and materials see schedules.



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East Elevation

Drawn Scale: 1 : 50

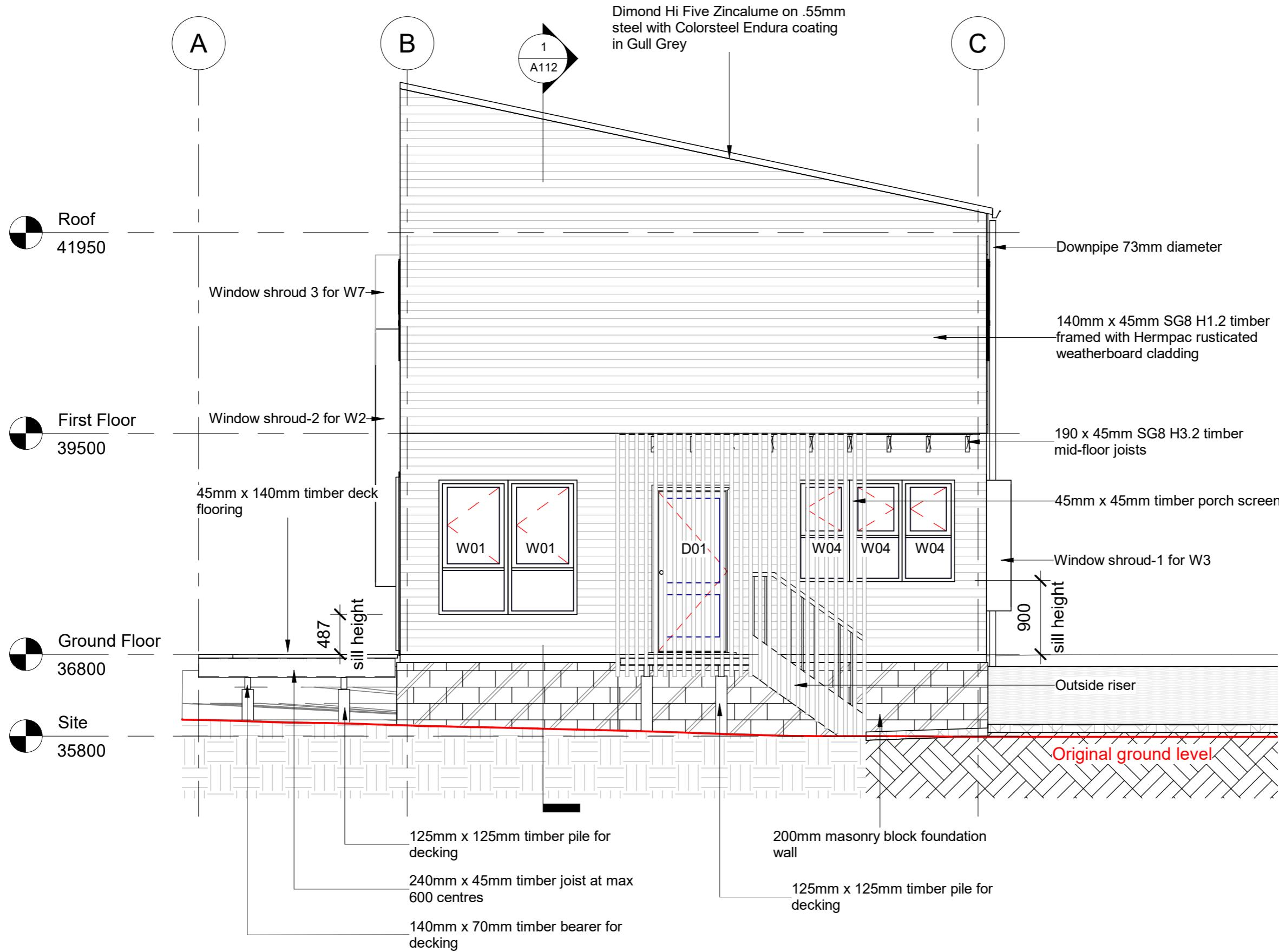
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Notes

For window and door sizing and materials see schedules.



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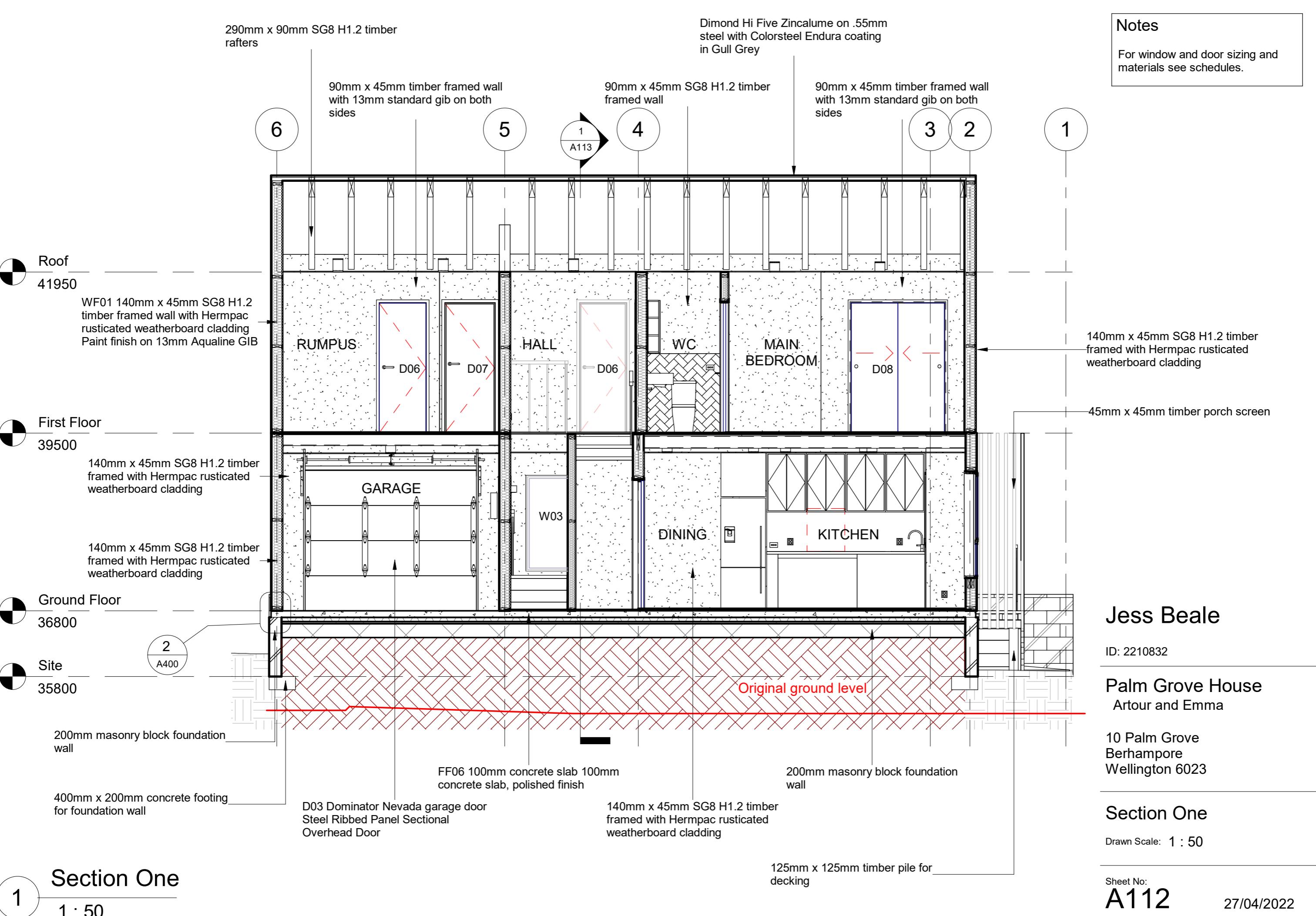
South Elevation

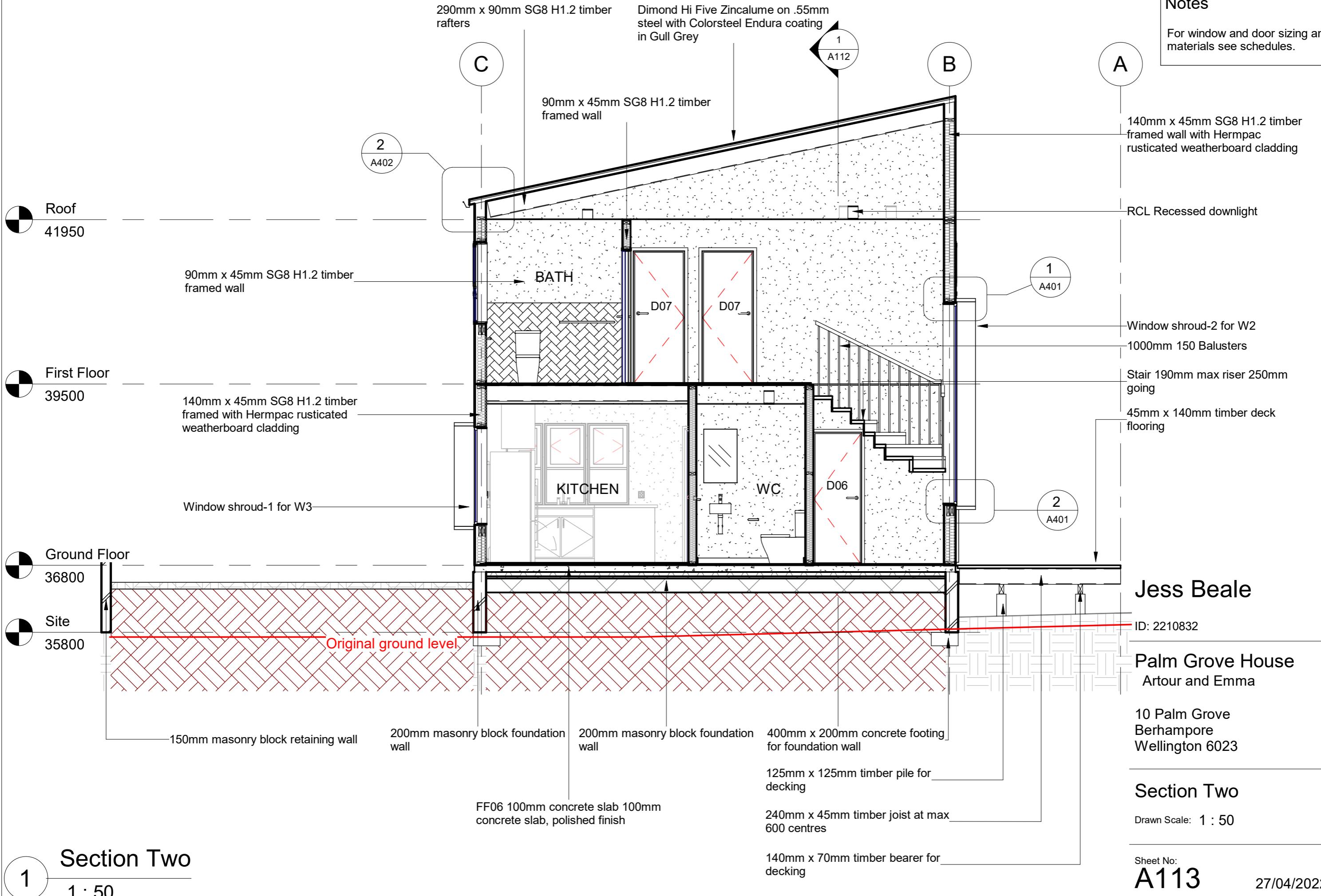
Drawn Scale: 1 : 50

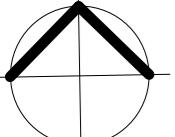
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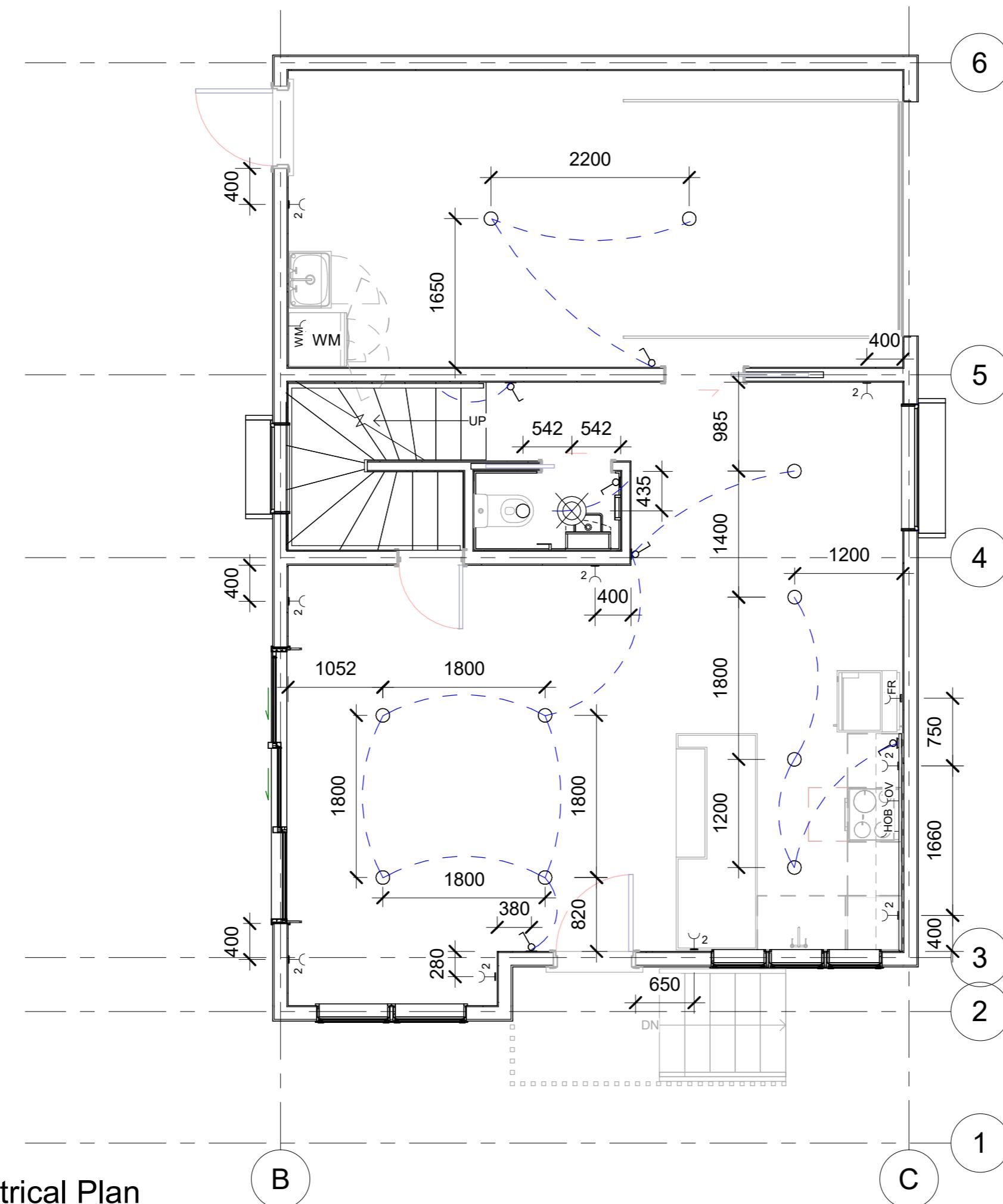
27/04/2022







NORTH



Ground Floor Electrical Plan

1

1 : 50

Notes

All light switches to be 1000mm elevation from FFL.

All power outlets to be 300mm elevation from FFL, except kitchen outlets at 970mm elevation from FFL (300mm above benchtop).

Electrical Legend

- (circle) recessed downlight
- (rectangle) wall mounted light
- (horizontal bar with switch) distribution board
- (T-shape) 2 socket power outlet
- (3-point symbol) light switch
- (cross with circle) extractor fan

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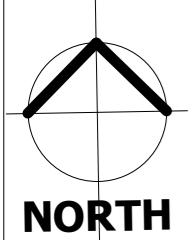
10 Palm Grove
Berhampore
Wellington 6023

Ground Floor Electrical Plan
scale: 1 : 50

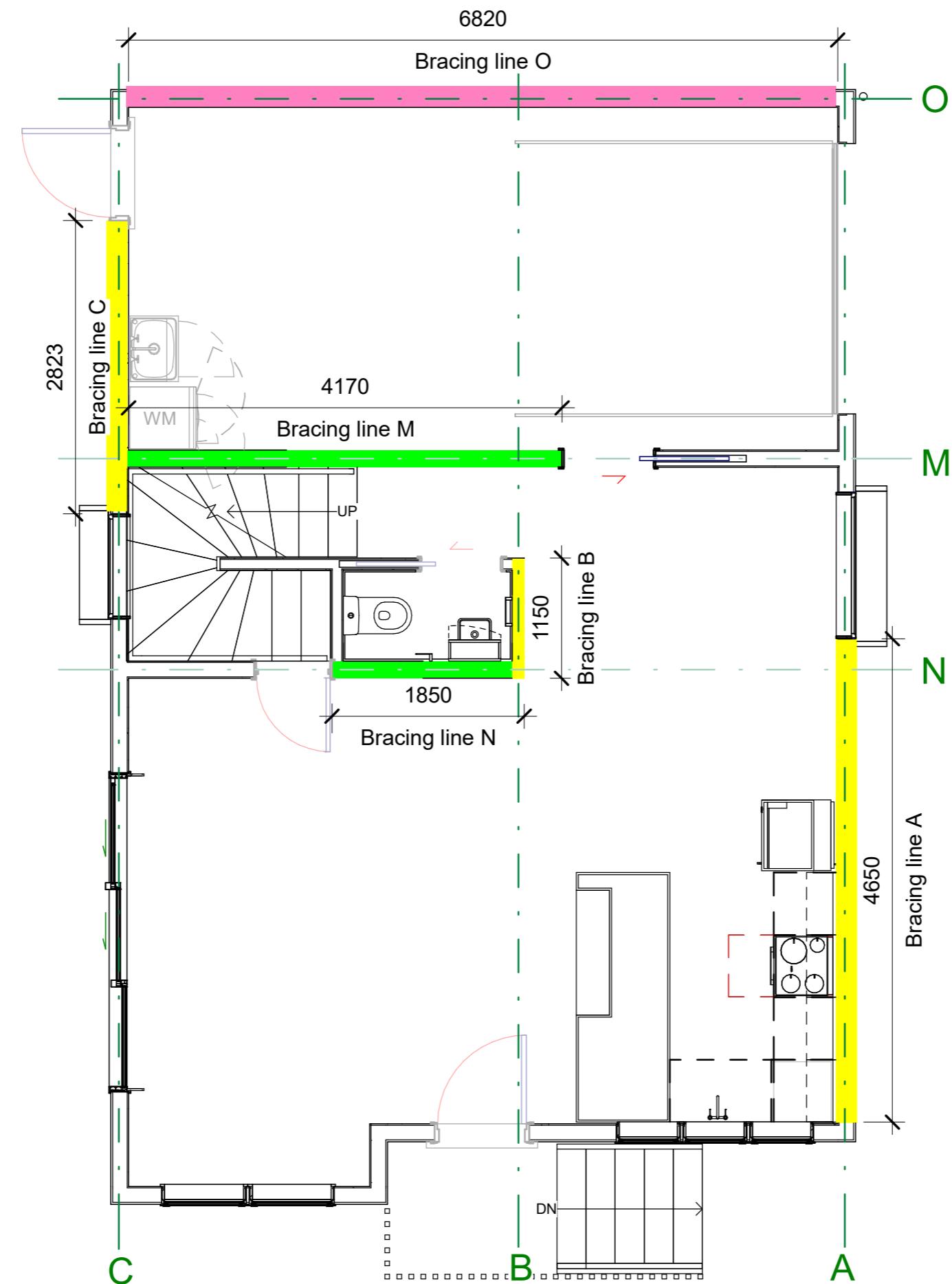
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A114

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NORTH



Bracing Legend	
GS1-N Gib Bracing	Any 10mm or 13mm GIB Standard plasterboard on one side
GS2-N Gib Bracing	Any 10mm or 13mm GIB Standard plasterboard on both sides
BL1 -H Gib Bracing	10mm or 13mm GIB Braceline to one side only

Notes	
Ground Floor Bracing Demand	
Wind - Along: 742 BU	
Wind - Across: 1001 BU	
Earthquake: 675 BU	
Ground Floor Bracing Lines - Along	
Line A - 4.6m Wind BUs 589 EQ BUs 478	
Line B - 1.2m Wind BUs 154 EQ BUs 125	
Line C - 2.8m Wind BUs 358 EQ BUs 291	
Ground Floor Bracing Lines - Across	
Line M - 4.1m Wind BUs 402 EQ BUs 353	
Line N - 1.9m Wind BUs 186 EQ BUs 163	
Line O - 6.8m Wind BUs 469 EQ BUs 408	
Resistance Achieved	
Wind Demand Along: 742 BU	
Resistance: 1101	
Wind Demand Across: 1001 BU	
Resistance: 1057 BU	
Earthquake Demand: 675 BU	
Resistance: 924 BU	

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10 Palm Grove
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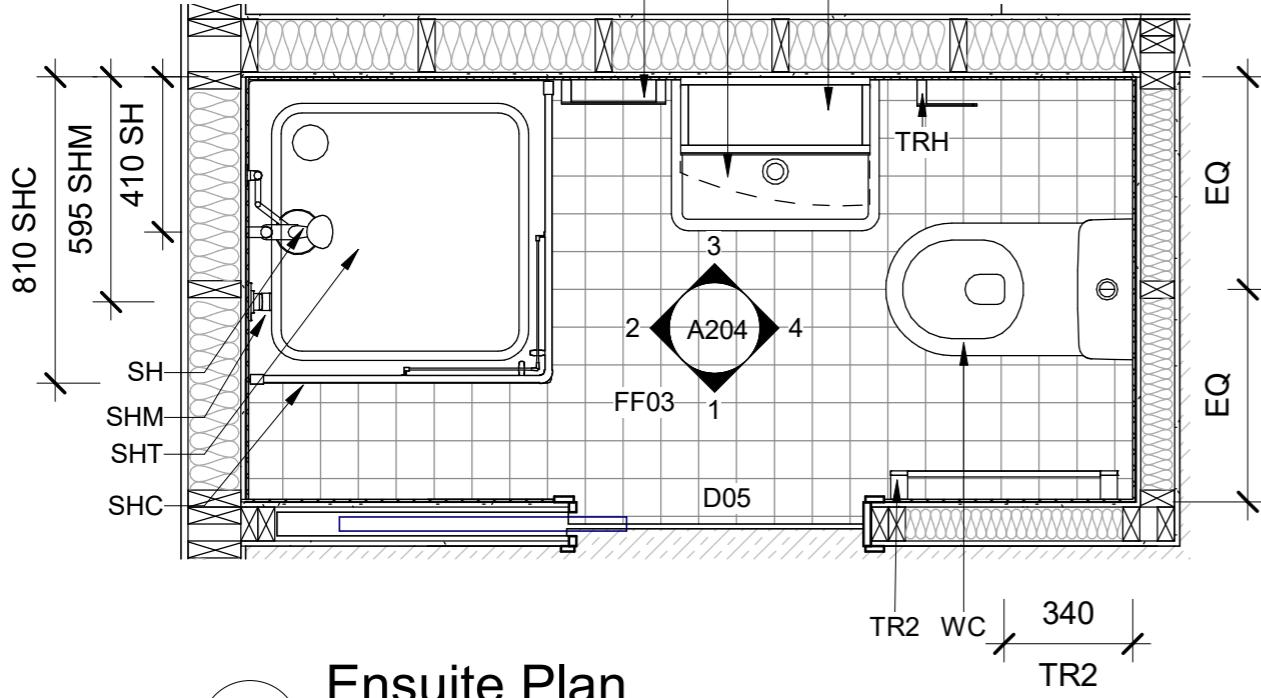
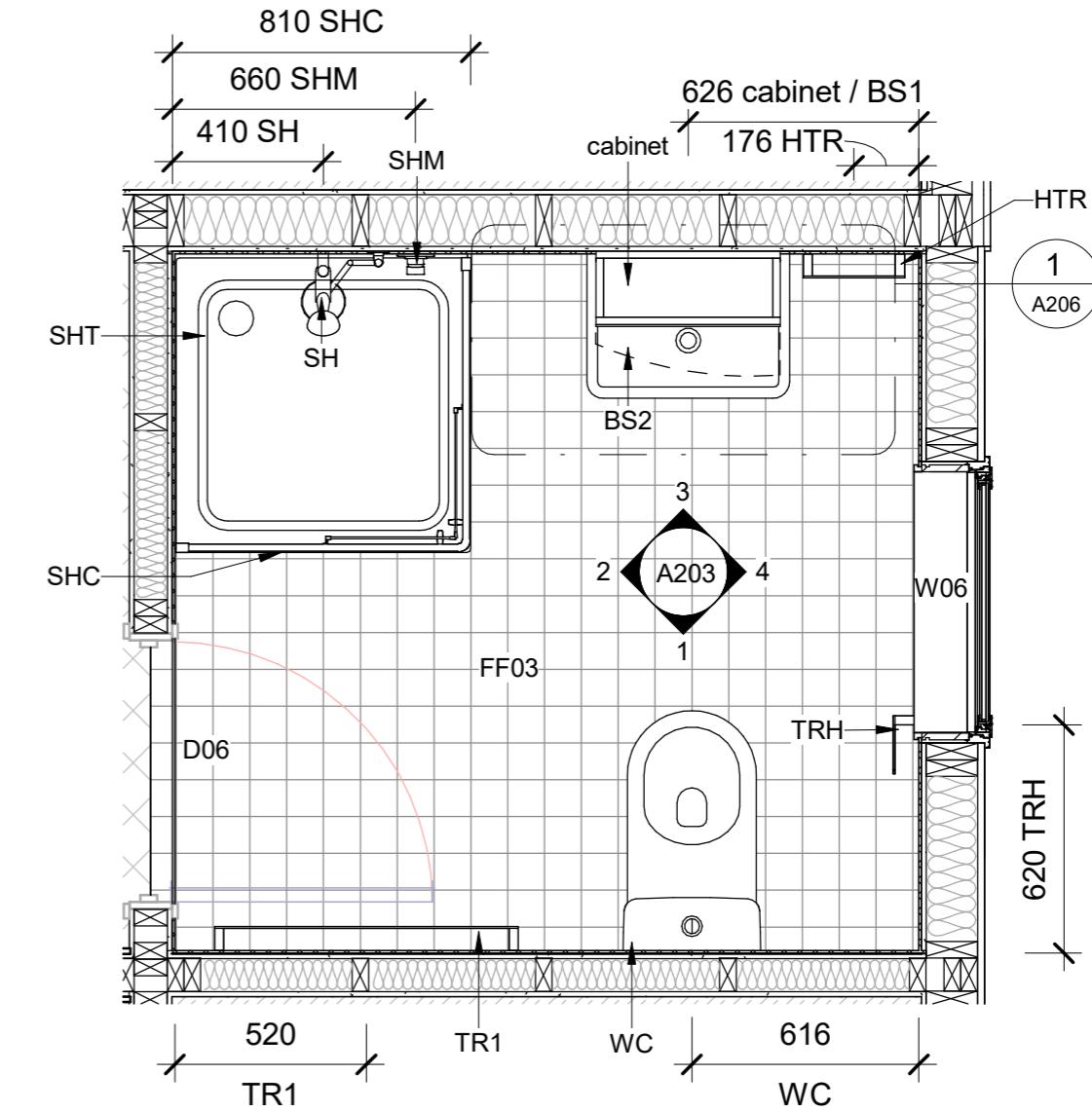
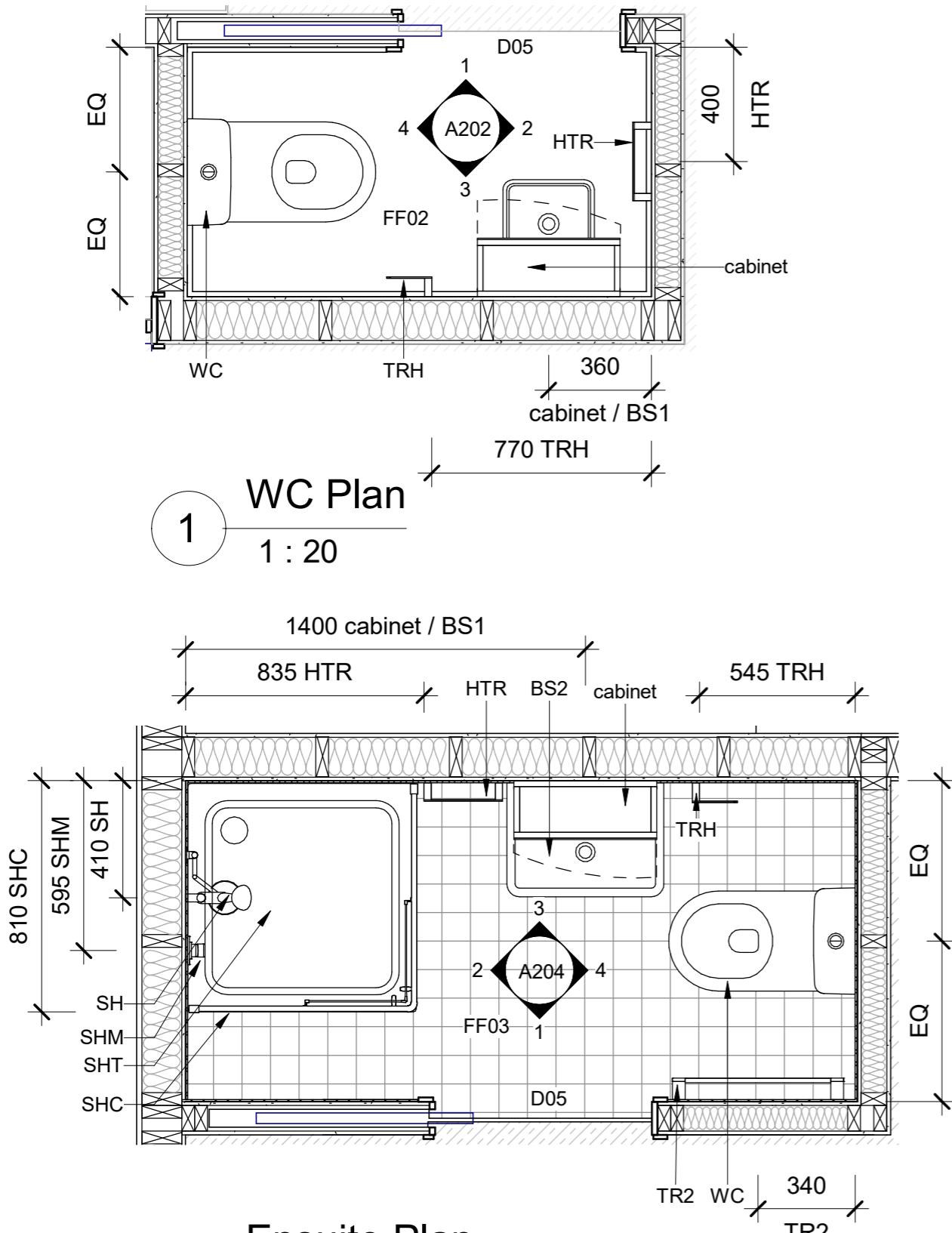
Ground Floor Bracing Plan

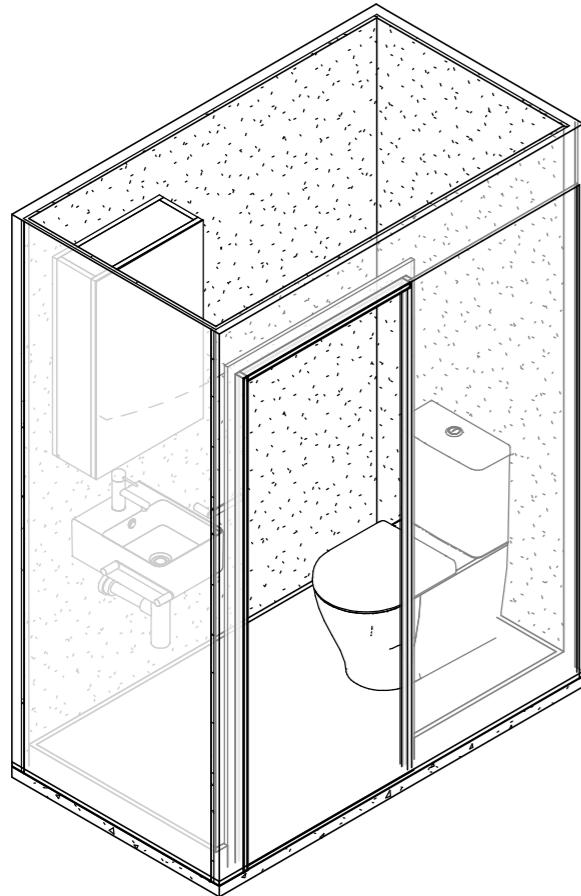
Drawn Scale: 1 : 50

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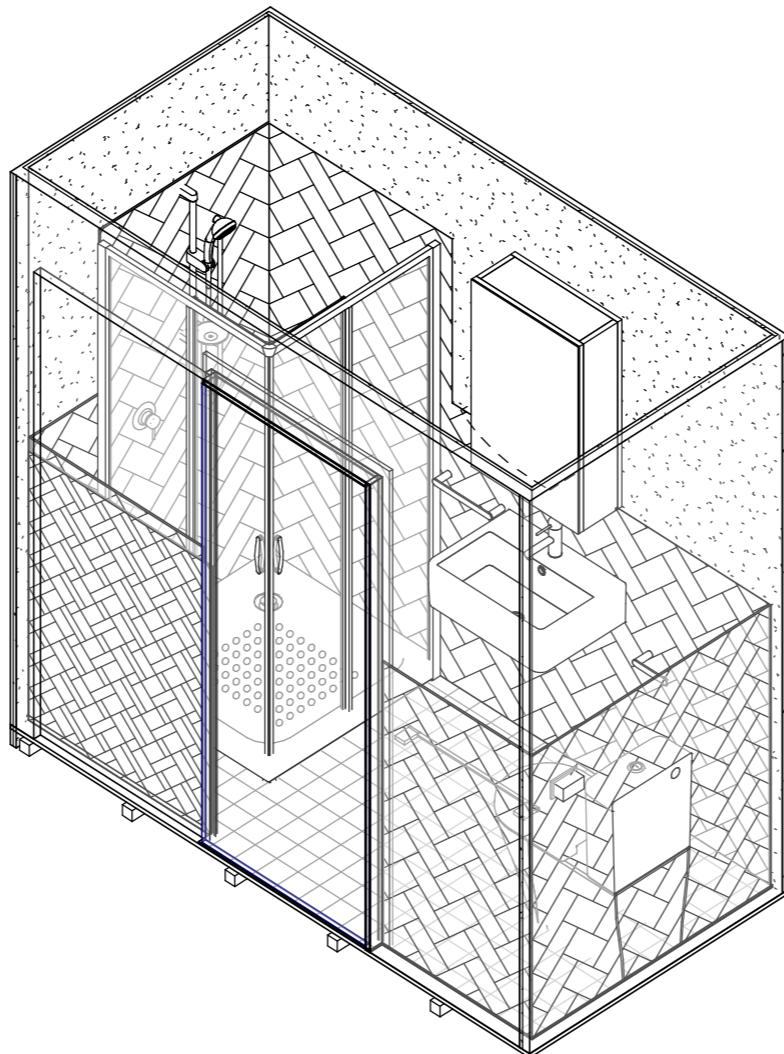
A116

27/04/2022

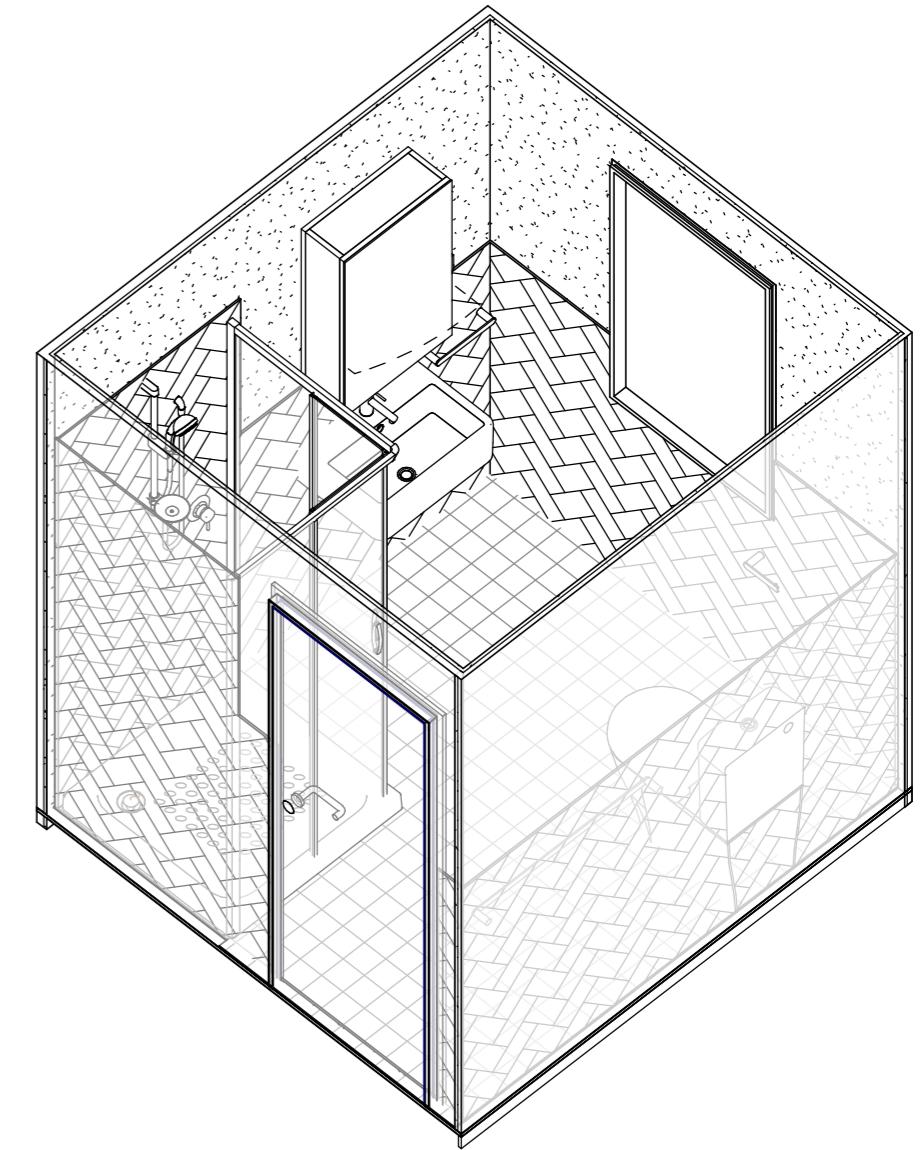




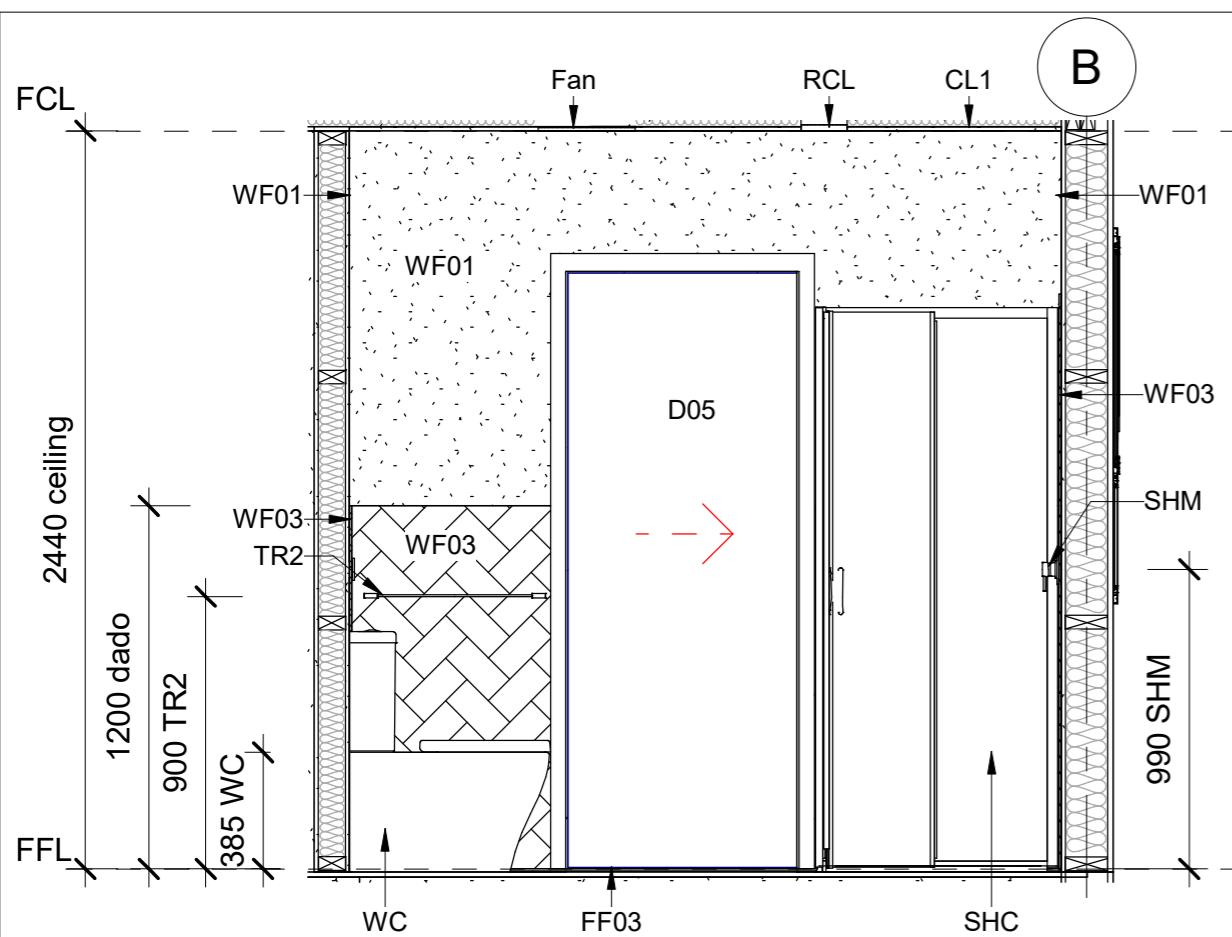
1 WC axonometric view



2 Ensuite axonometric view

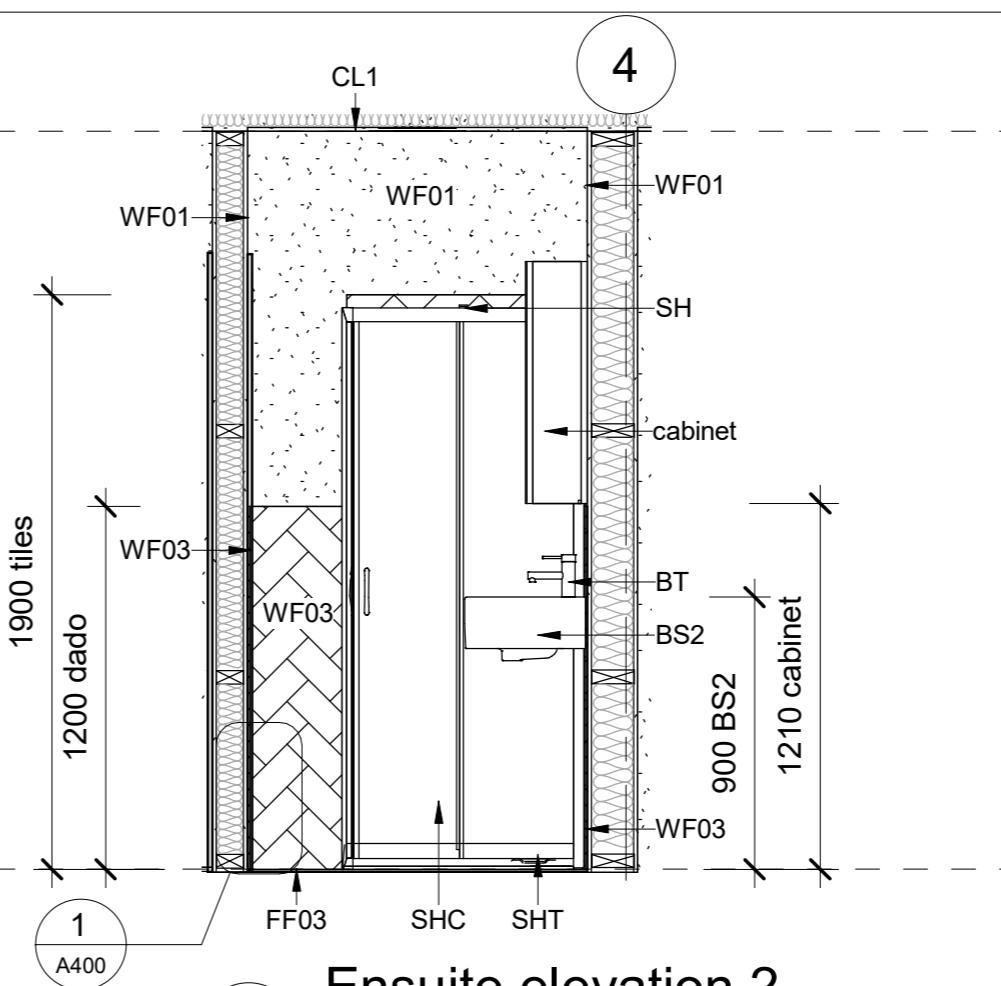


3 Bathroom axonometric view



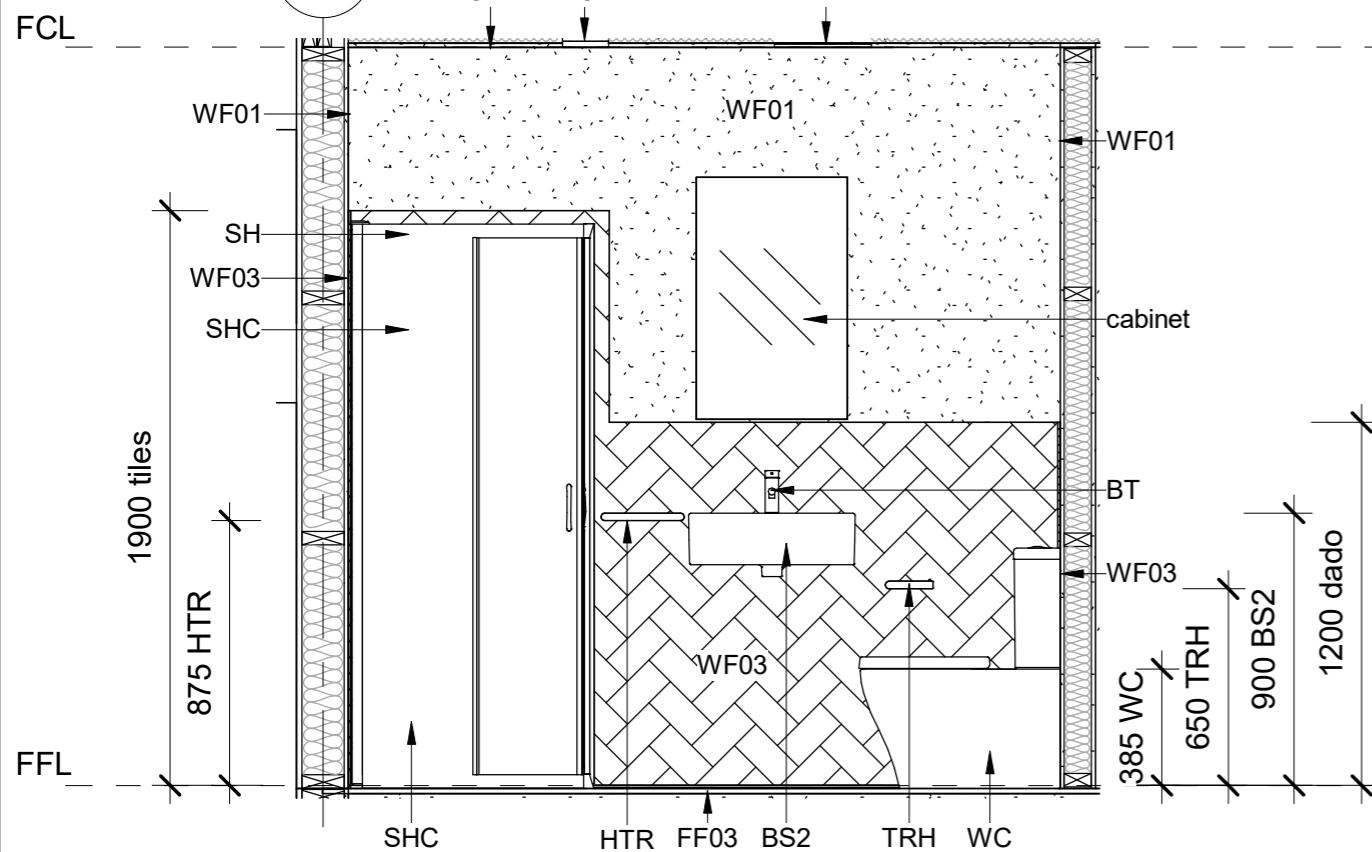
Ensuite elevation 1

1 : 25



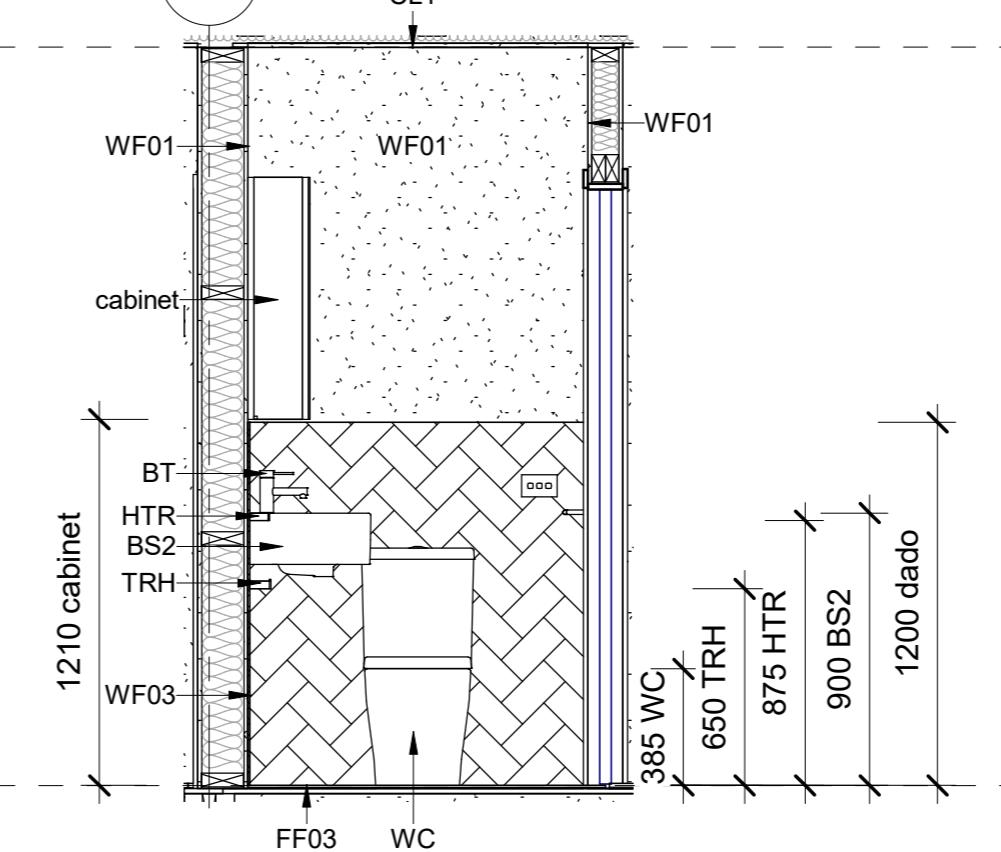
Ensuite elevation 2

2
12



Ensuite elevation 3

1 : 25



Ensuite elevation 4

+ 1 : 2

Notes
CL1: 13mm aqua line GIB ceiling
RCL: Proton.15 LED downlight - white
Fan: BVN Axial fan model EF
Insulation: GreenStuf Thermal Pads R2.5
TRH: Urbane II Toilet roll holder
in black 99620C
HTR: Urbane II Hand towel rail
in black 99618B
TR2: Dorf Enigma Single towel rail 6582.04
Plumbing fixtures, floor and wall
finishes: refer to schedules

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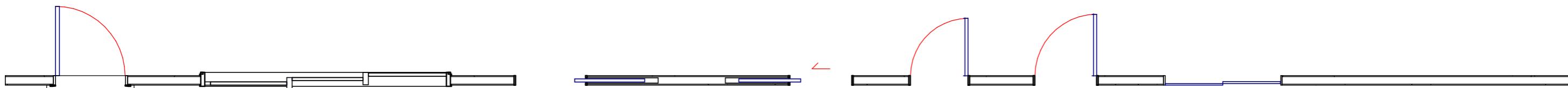
Ensuite elevations

Drawn Scale: 1 : 25

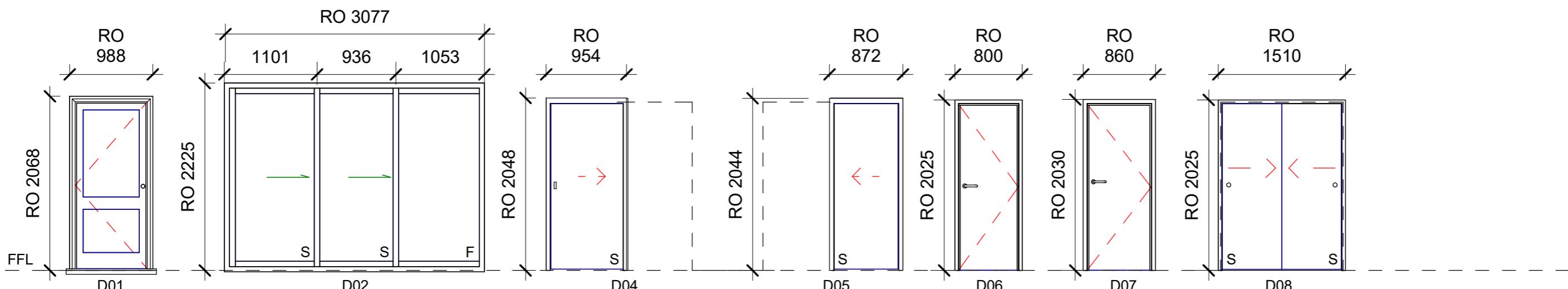
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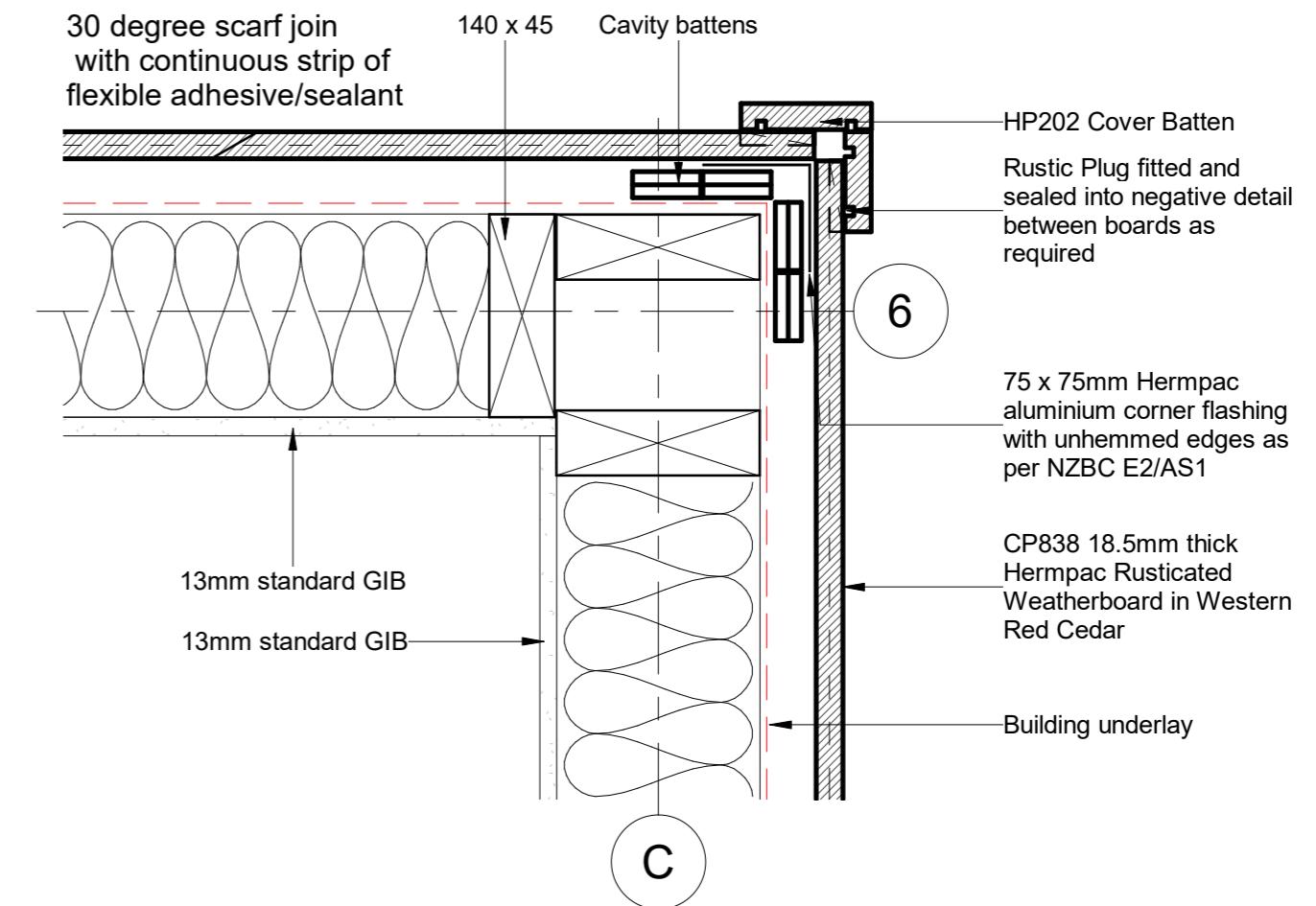
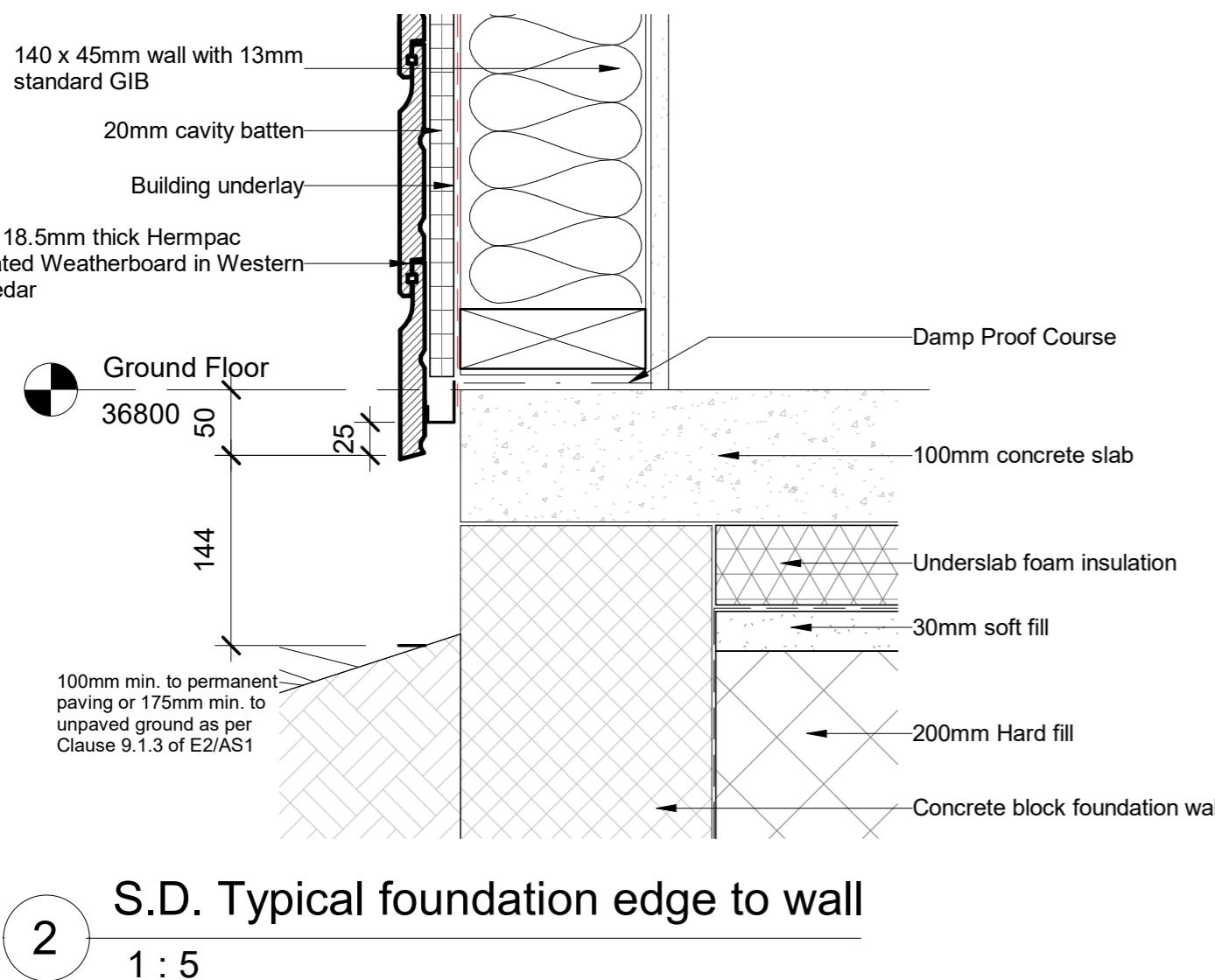
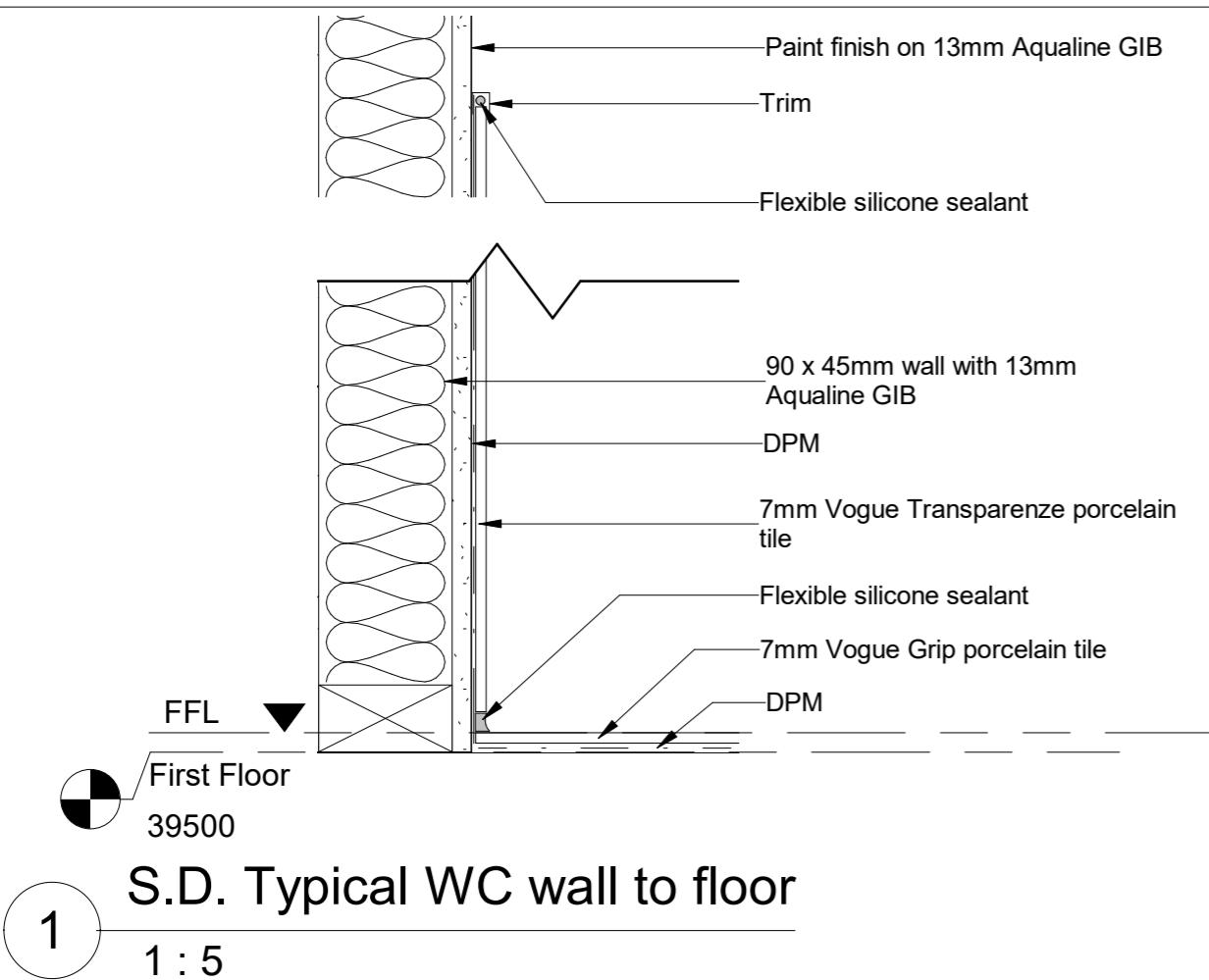
Doors - Plan



Doors - Elevation

Door Schedule

Type Mark	Type	Description	Count	Construction Type	Glazing	Location	Hardware
D01	910 x 2030	Powder coated aluminium frame in colour Matt Appliance White	2	Powder coated aluminium frame and door	IGU clear double glazed low E glass	Entrance doors at front and side of house	Vantage Urbo lever door handle in colour Matt Appliance White
D02	Sliding Door 3050 x 2200	Powder coated aluminium frame in colour Matt Appliance White	1	Powder coated aluminium frame and door	IGU clear double glazed low E glass	Ground floor to deck	Vantage Urbo bifold handle and pull handles x 2 in colour Matt Appliance White
D03	Dominator Nevada garage door	Steel Ribbed Panel Sectional Overhead Door	1			Garage door	N/A
D04	860 x 1980	Single flush cavity slider, sliding to right	1	Timber Frame MDF Panel		Garage access	CS For Doors CaviLock CL200 flush handle CL205A0001
D05	760 x 1981	Single flush cavity slider, sliding to left	2	Timber Frame MDF Panel		Ground floor WC	CS For Doors CaviLock CL200 flush handle CL205D0005
D06	710 x 1980	Timber interior door	4	Timber frame hollow core leaf		Ground floor cupboard under stairs	Windsor Architectural Hardware Charleston Handle in Brushed Nickel 8206BN
D07	760 x 1980	Timber interior door	3	Timber frame hollow core leaf		First floor bedrooms, bathroom	Windsor Architectural Hardware Charleston Handle in Brushed Nickel
D08	1420 x 1980	Double flush cavity slider	2	Timber Frame MDF Panel		First floor wardrobes	CS For Doors CaviLock CL200 flush handle CL205A0001



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ID: 2210832

Palm Grove House

Artour and Emma

10 Palm Grove
Berhampore
Wellington 6023

Details 1

Drawn Scale: 1 : 5

Sheet No:

A400

31/05/2022

Peak House

The North



Drawing index

- | | |
|-------------------|------------------------|
| 2. Floor plan one | 7. Foundation plan |
| 3. Floor plan two | 8. Electrical plan |
| 4. Elevation one | 9. Lighting map |
| 5. Elevation two | 10. Wall corner detail |
| 6. Section one | |

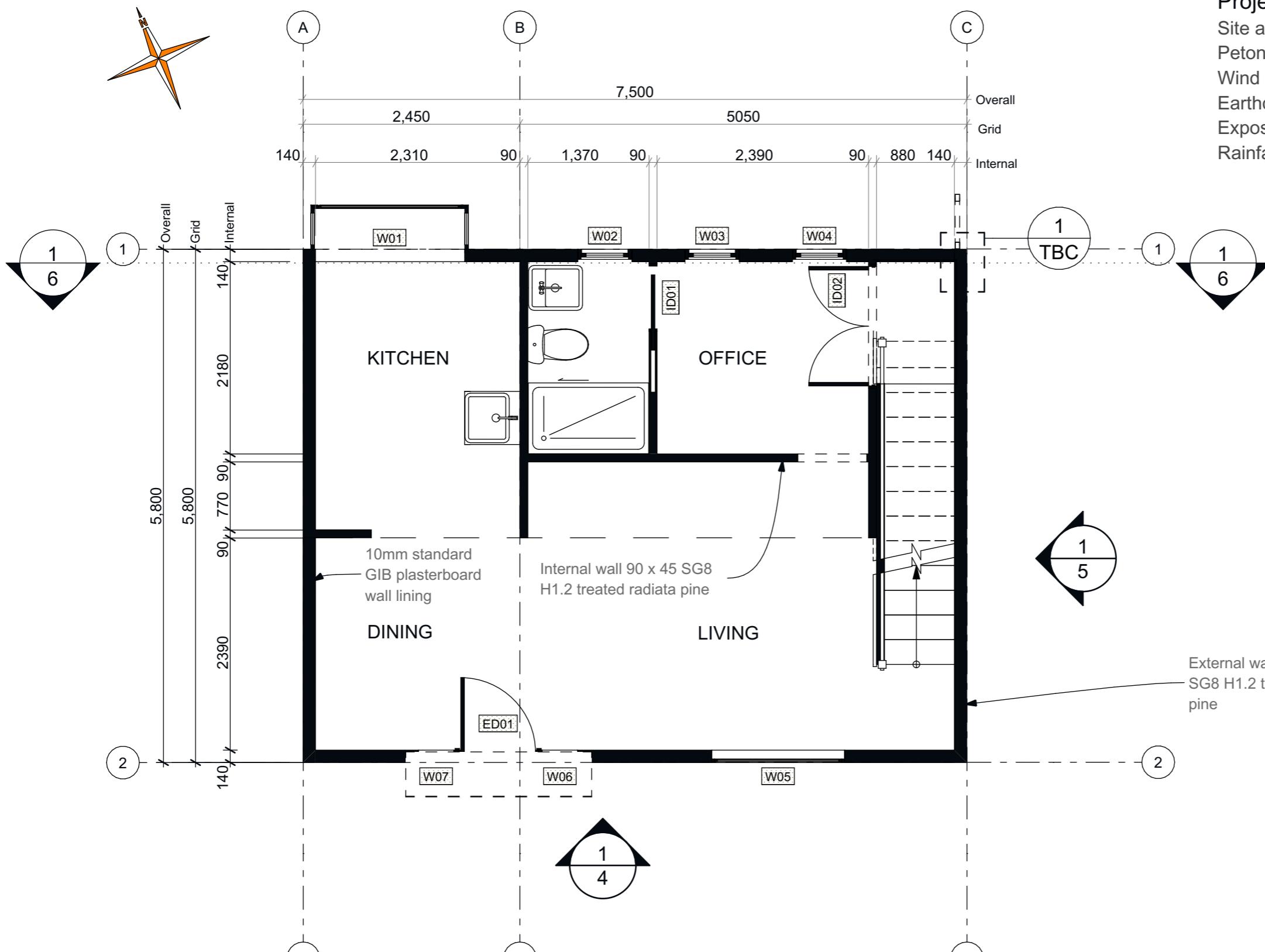
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BD6018 AS1

North Peak House

14 Graham-North
Lane, Petone

Cover Page



Ground floor

SCALE: 1:50

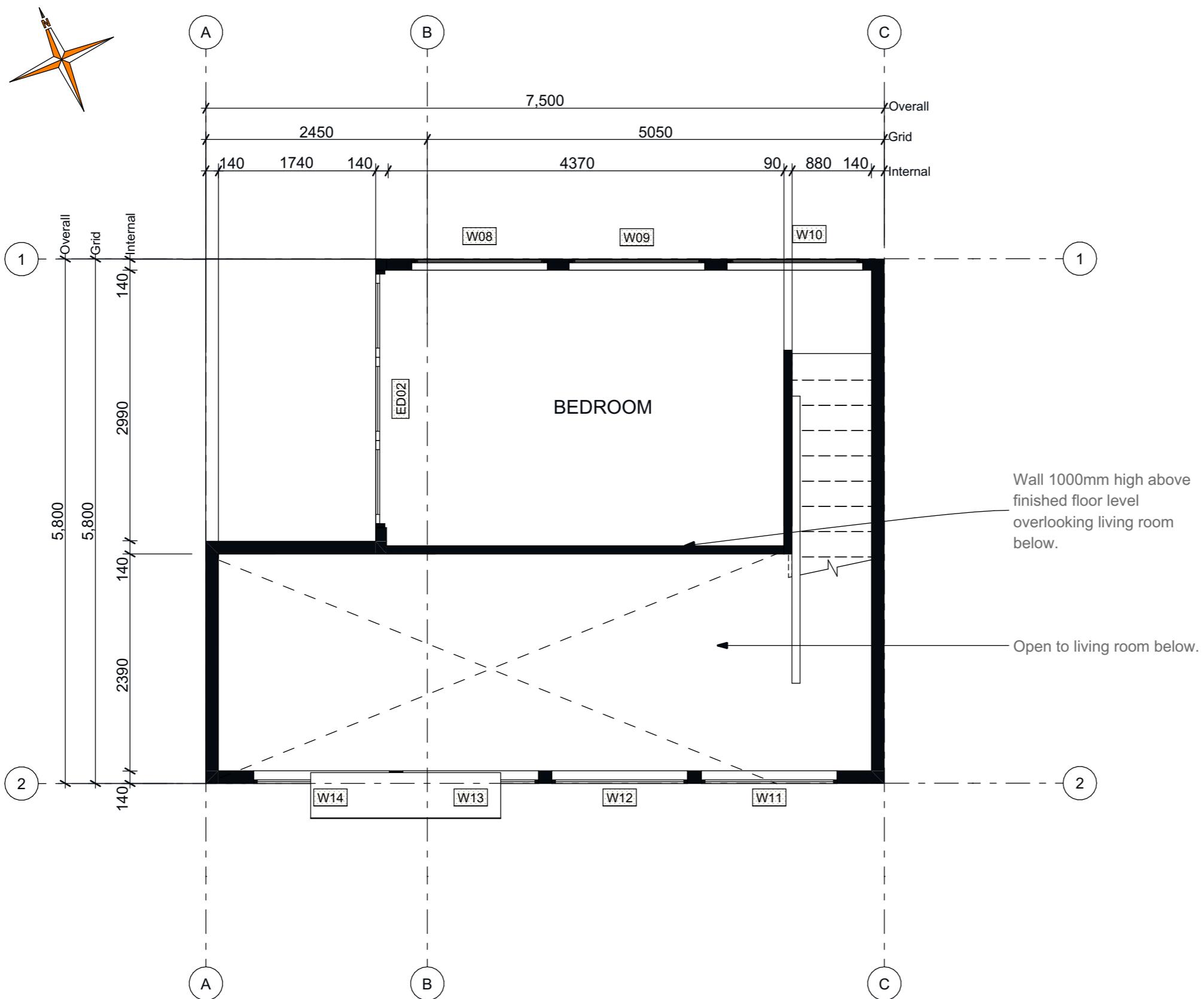
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BD6018 AS1

North Peak House

14 Graham-North
Lane, Petone

Floor plan



Mezzanine floor

SCALE: 1:50

1
3

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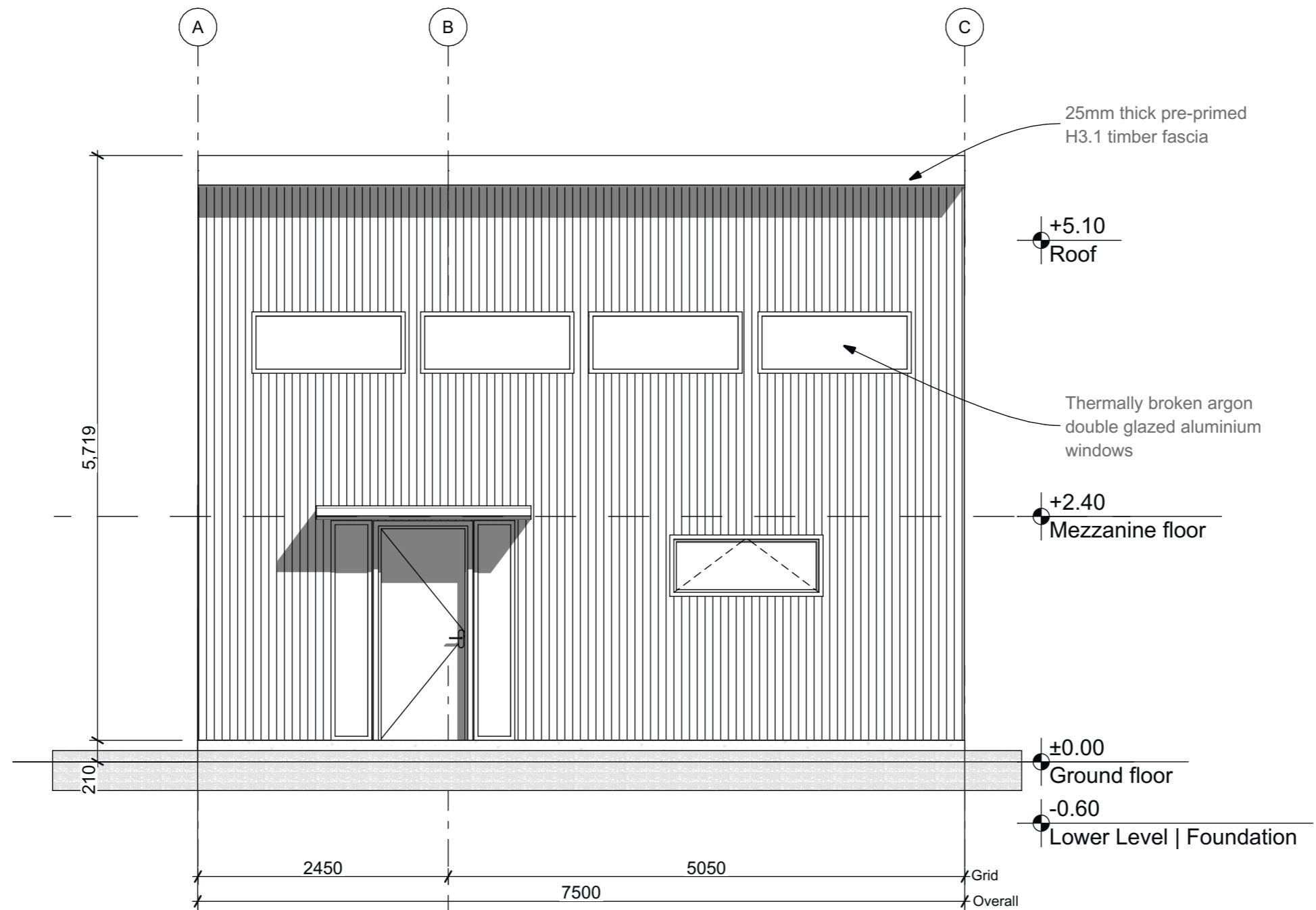
North Peak House

14 Graham-North
Lane, Petone

Floor plan

3

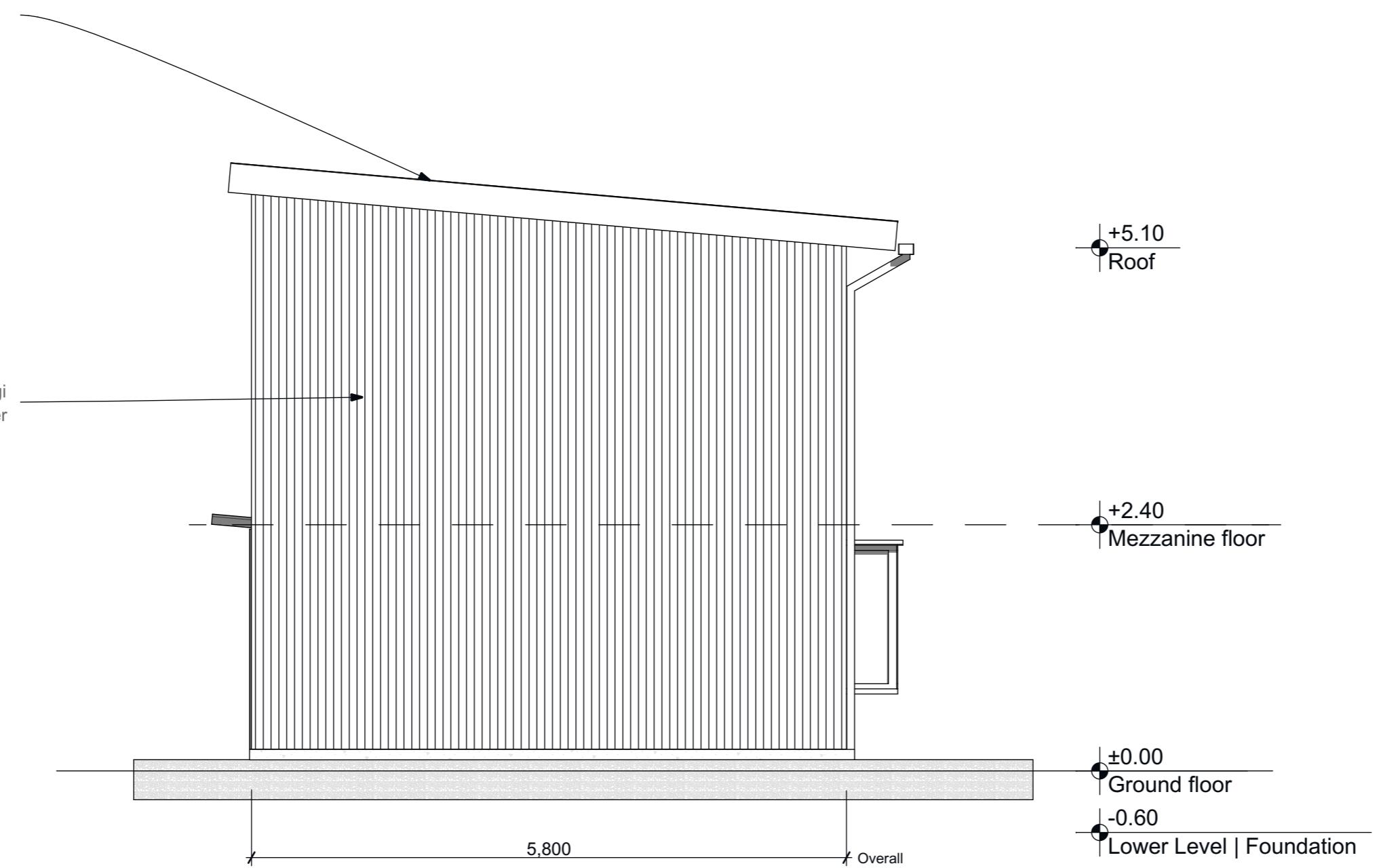
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1
4

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Colorsteel corrugated
longrun roofing



1
5

East Elevation

SCALE: 1:50

Elevation two

5

BD6018 AS1

Clad in vertical shou sugi
ban charred cedar timber

+5.10
Roof

+2.40
Mezzanine floor

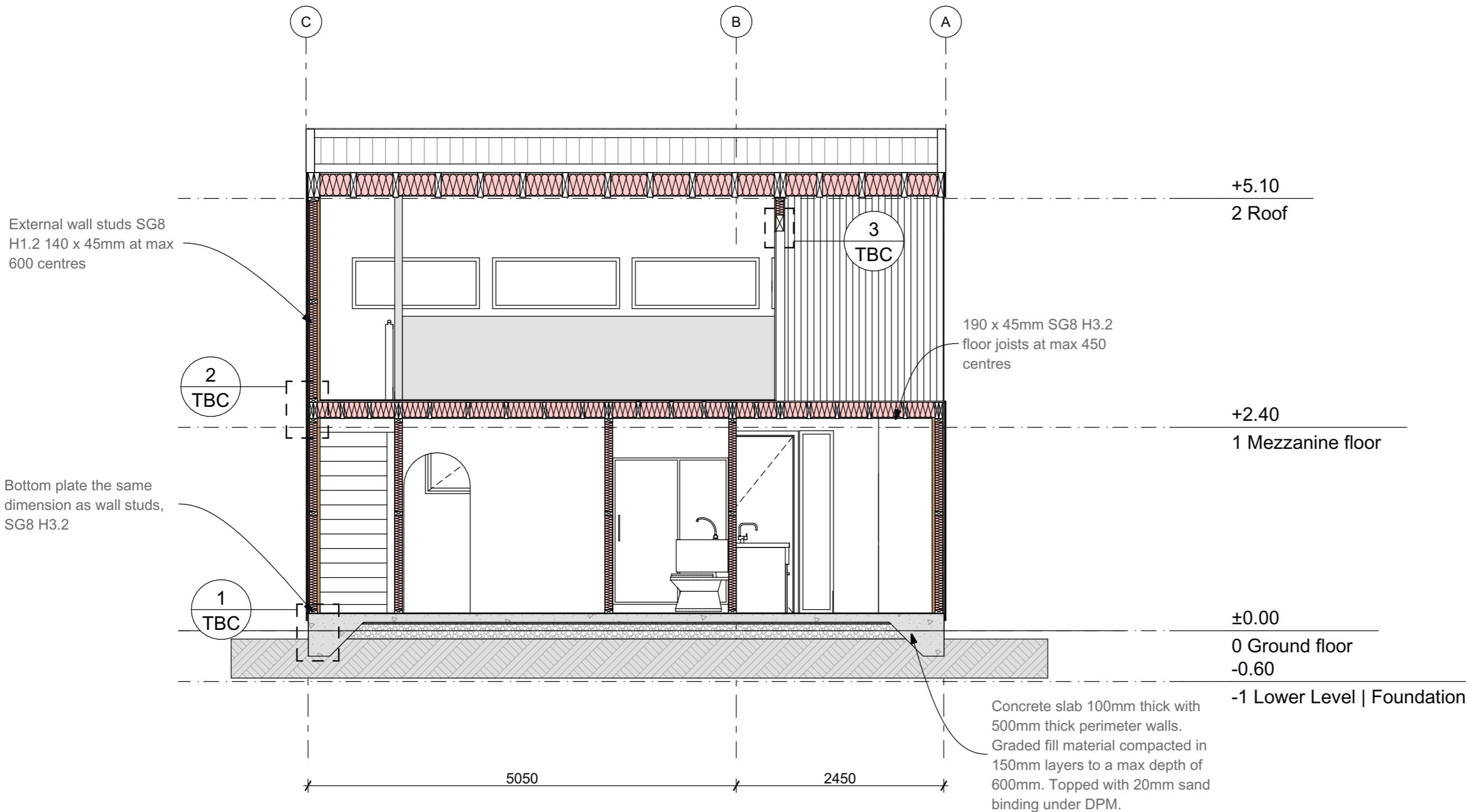
±0.00
Ground floor

-0.60
Lower Level | Foundation

North Peak House

14 Graham-North
Lane, Petone

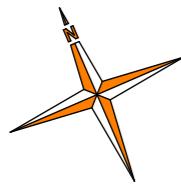
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1
6

Section

SCALE: 1:50



A

B

C

1

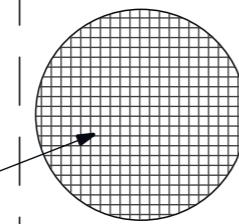
1

2

2

Sawcut 5mm wide, min 25mm deep (1/4 of slab thickness). Located 2.4m from North edge of slab.

Reinforcing mesh min 30mm below top of slab. Mesh is made from 5mm wires at 150mm grid spacing



100mm deep concrete slab on grade

Perimeter footing 500mm deep, 550mm wide (from Table 6.1, NZS3604)

Sawcut 5mm wide, min 25mm deep (1/4 of slab thickness). Located 3.4m from West edge of slab.

Rebate in slab for door 30mm deep

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BD6018 AS1

North Peak House

14 Graham-North Lane, Petone

Foundation Plan

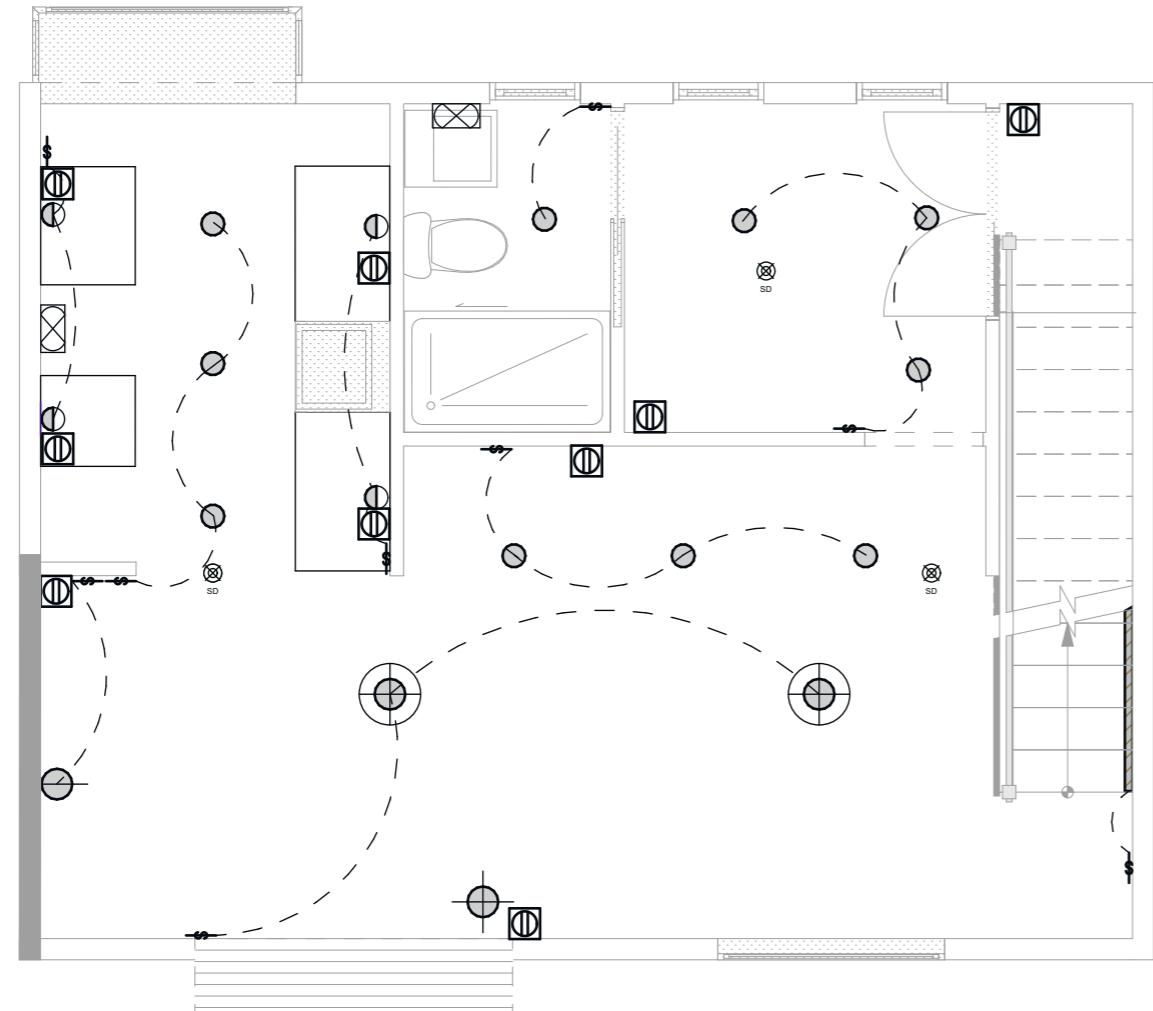
7

Foundation

SCALE: 1:50

1
7

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1

Ground floor

1:50

Electrical Legend

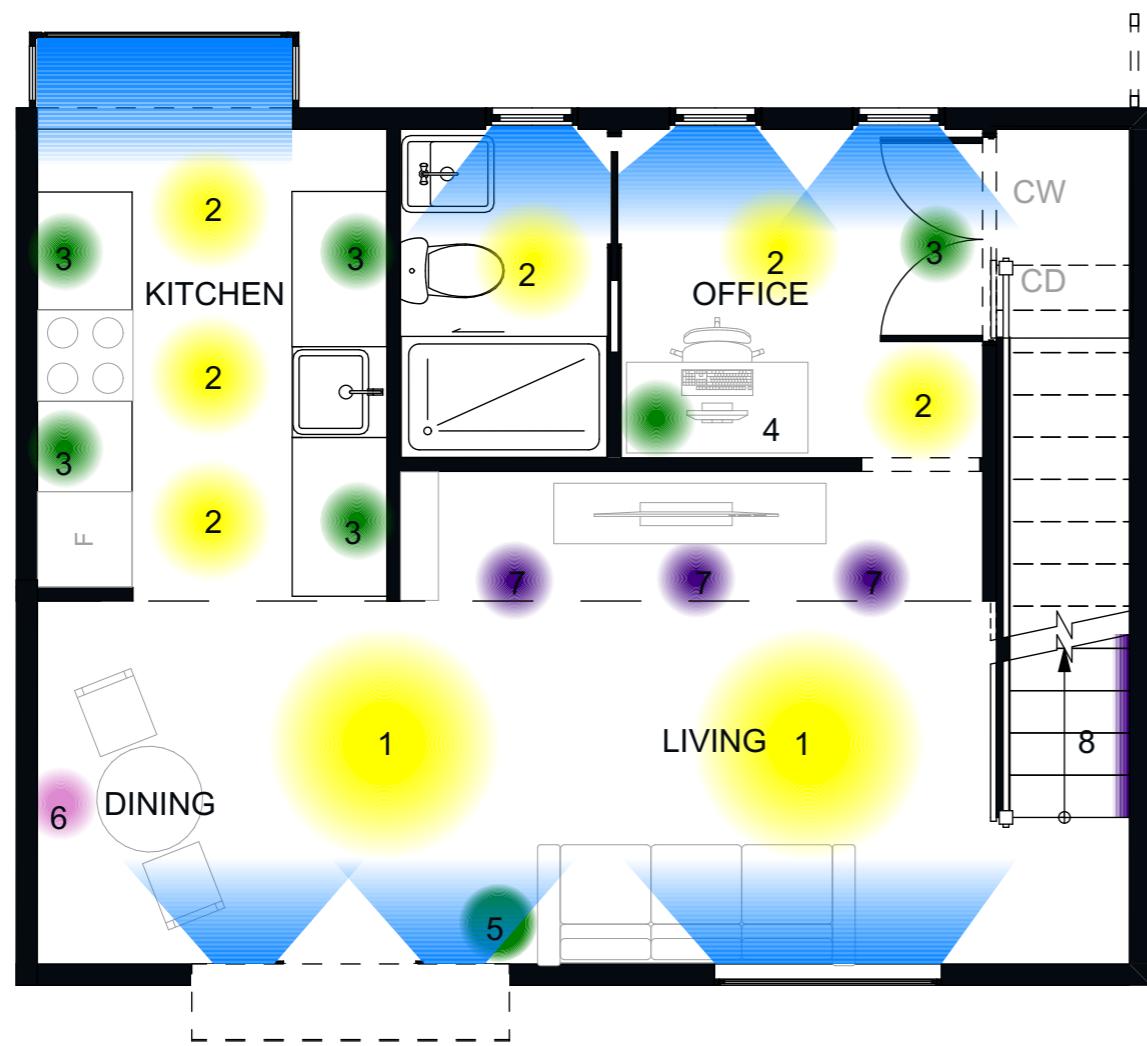
- Switch
- pendant fixture
- Recessed Downlight
- Surface Mounted Wall Fixture
- LED Tape Light
- Recessed Directional Fixture
- Outlet
- ⊗ Smoke Detector
- Extractor

BD6018 AS2

North Peak House

14 Graham-North
Lane, PetoneElectrical
plan

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1

Lighting Design

1:50

Layers of light

- Accent
- Task
- Ambient
- Daylight

Legend

- 500mm pendant fixture suspended 2.3m from double-height ceiling
- Ceiling mounted recessed downlight
- Ceiling mounted directional recessed downlight
- Desk lamp for study
- 1.5m high floor lamp for reading
- Wall-mounted light fixture 1.8m above finished floor level
- Ceiling mounted directional recessed downlight
- Wall-mounted LED strip light

BD6018 AS2

North Peak House

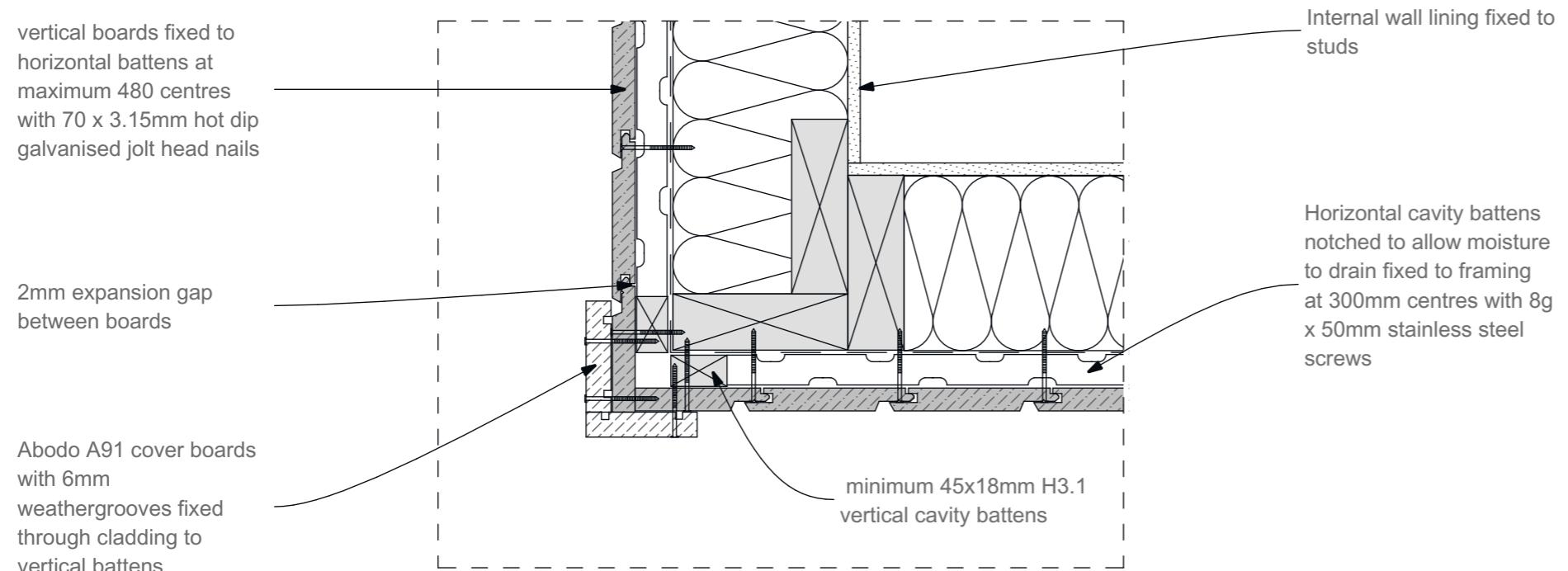
14 Graham-North
Lane, Petone

Lighting map

9

Minimum and Recommended lumen of lighting objects

Room	Minimum lux	Area (m ²)	Minimum lumens	Recommended lumens
Living room	20	10	200	1038
Dining room	20	5	100	3503
Bedroom	20	13	260	3114

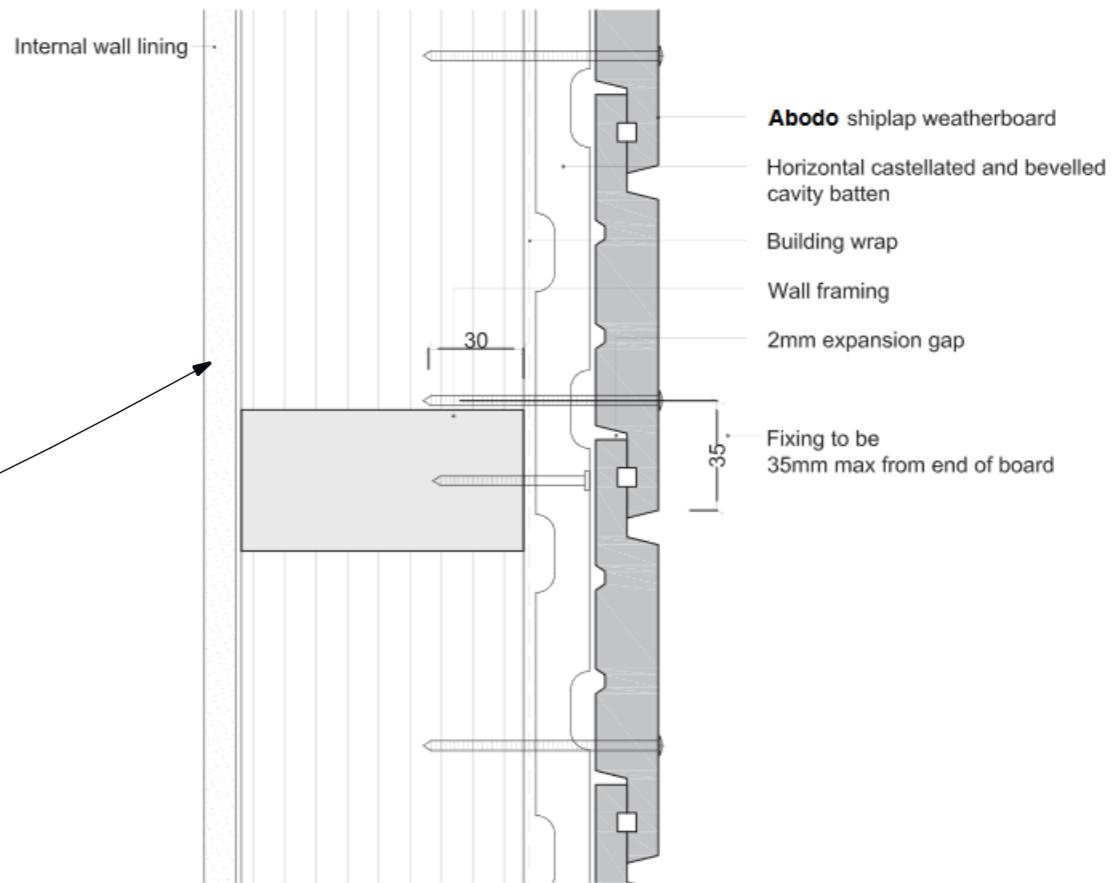


1

Wall corner detail

1:5

Detail from
manufacturer's website.
abodo.co.nz



2

Manufacturer's cladding detail

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BD6018 AS2

North Peak House

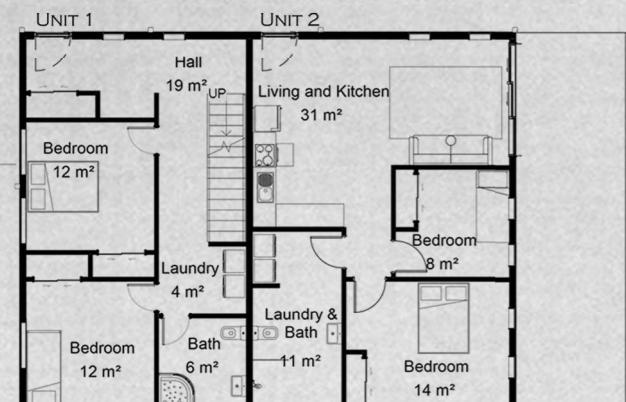
14 Graham-North
Lane, PetoneWall corner
detail

SEVENTEEN TINAKORI

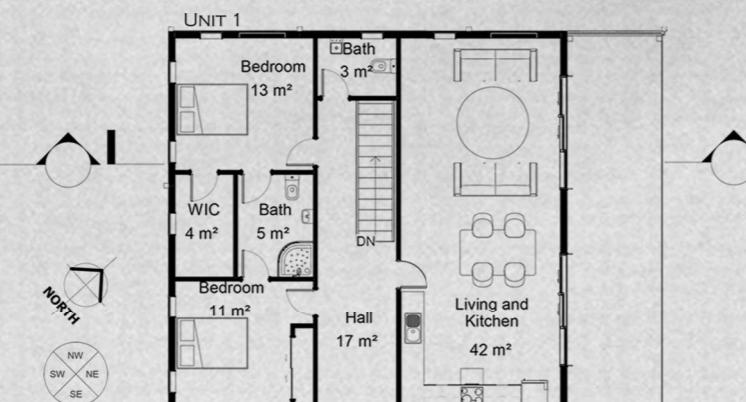
NOVEMBER 2022, REVIT, ENSCAPE, PHOTOSHOP.



SITE PLAN
1: 500 @ A3



GROUND FLOOR
1: 200 @ A3



FIRST FLOOR
1: 200 @ A3



SEVENTEEN TINAKORI WAS DESIGNED AS A MEDIUM DENSITY DEVELOPMENT IN THORNDON PROVIDING FOUR SOCIAL HOUSING UNITS, TWO OF WHICH ARE ACCESSIBLE GROUND FLOOR UNITS.

THE DESIGN REFERENCES THE HISTORY AND CULTURE OF THE AREA WHILE PROVIDING WARM AND COMFORTABLE HOUSING.



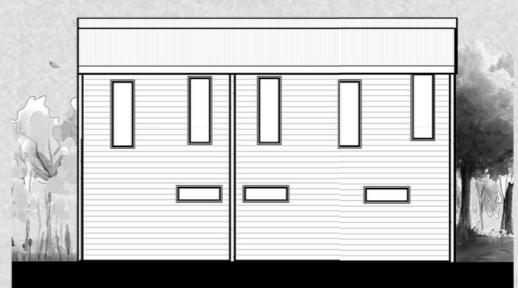
NW ELEVATION
1: 200 @ A3



NE ELEVATION
1: 200 @ A3



SE ELEVATION
1: 200 @ A3



SW ELEVATION
1: 200 @ A3

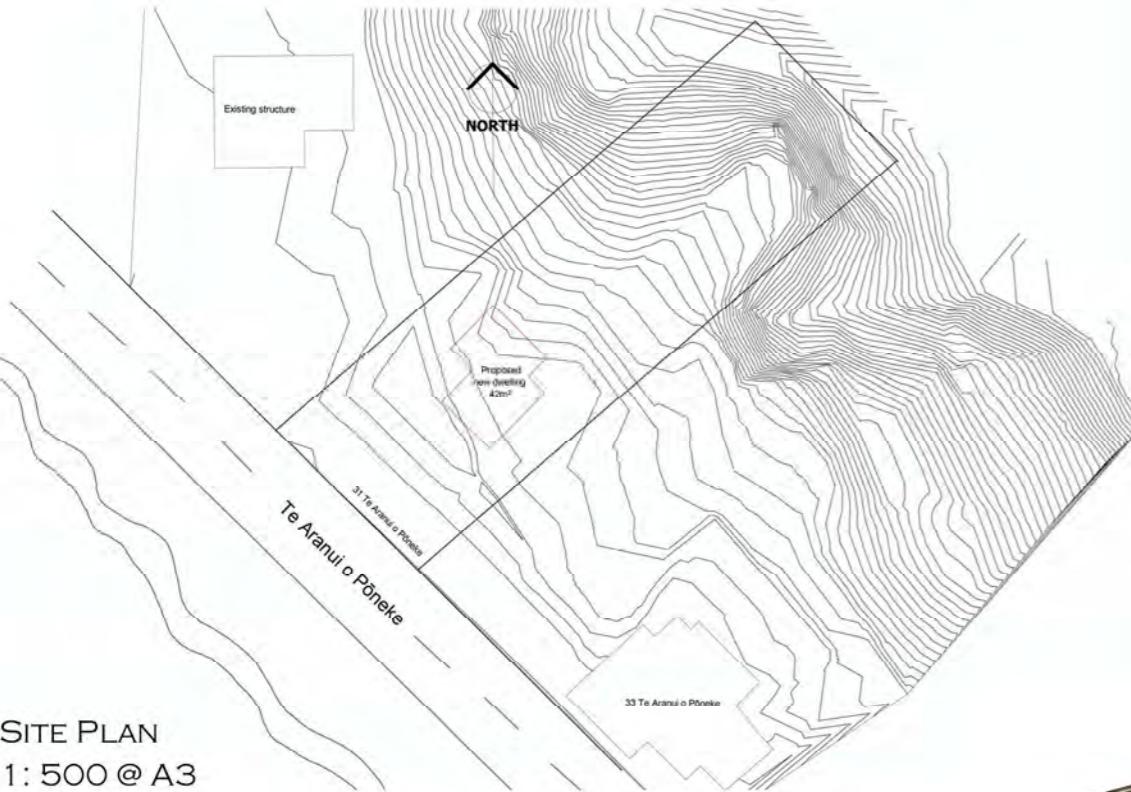
MANUMEA HOUSE

MAY 2022, REVIT, ENSCAPE.

MANUMEA HOUSE WAS A DESIGN PREPARED TO THE FOLLOWING BRIEF:

- A HOUSE FOR AN ARTIST WITH SPACES FOR WORKING, PREPARING FOOD, RESTING, AND BATHING
- A FLOOR PLAN OF LESS THAN 50 SQUARE METRES
- INCORPORATING PASIFIKA ELEMENTS INTO THE DESIGN SUCH AS MATERIALS, COLOURS, PATTERNS
- SUSTAINABLE, MEETING HOMESTAR 7.

THE SITE IS 31 TE ARANUI O PONEKE ON THE SOUTH COAST OF WELLINGTON, CLOSE TO WELLINGTON AIRPORT AND ACROSS THE ROAD FROM THE SEA.



SITE PLAN
1: 500 @ A3



FLOOR PLAN
1: 100 @ A3, 42M²



SECTION ONE
1: 100 @ A3

SECTION TWO
1: 100 @ A3



EXTERIOR RENDER LOOKING EAST



PREPARE FOOD
A SPACIOUS KITCHEN
WITH AN ISLAND
PROVIDING SEATING FOR
GUESTS.



WORK
A PATTERNED BREEZE
BLOCK SCREEN DIVIDES
THE STUDIO SPACE FROM
THE REST OF THE HOUSE
WHILE LETTING IN LIGHT.



REST
PLYWOOD JOINERY
PROVIDES SPACES FOR
SLEEPING AND RELAXING.
PART OF THE JOINERY
CONTAINS THE
SAME PATTERN AS
THE SCREEN.



PLYWOOD JOINERY DIVIDES
THE REST SPACE INTO AREAS
FOR SLEEPING, RELAXING,
AND STORAGE.



THE MANUMEA, A NATIVE
BIRD OF THE PACIFIC. IT'S
PLUMAGE IS REFERENCED
IN THE PAINT COLOURS
USED IN THE HOUSE.