

Architectural drafting and design portfolio



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Palm Grove House

Drawing Index

- A101 Locality plan

A102 Site plan

A103 Earthworks plan

A104 Foundation plan

A105 Ground floor plan

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
- A200 Bathroom floor plans

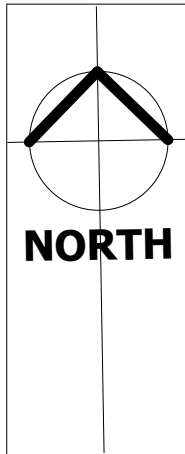
A201 Axonometric drawings

A204 Ensuite elevations

A300 Door schedule

A400 Details





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: 110m² + 74m² = 21%
Maximum allowable coverage: 50%

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Palm Grove House
Artour and Emma

10 Palm Grove
Berhampore
Wellington 6023

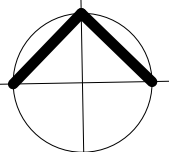
Site Plan

Drawn Scale: 1 : 200

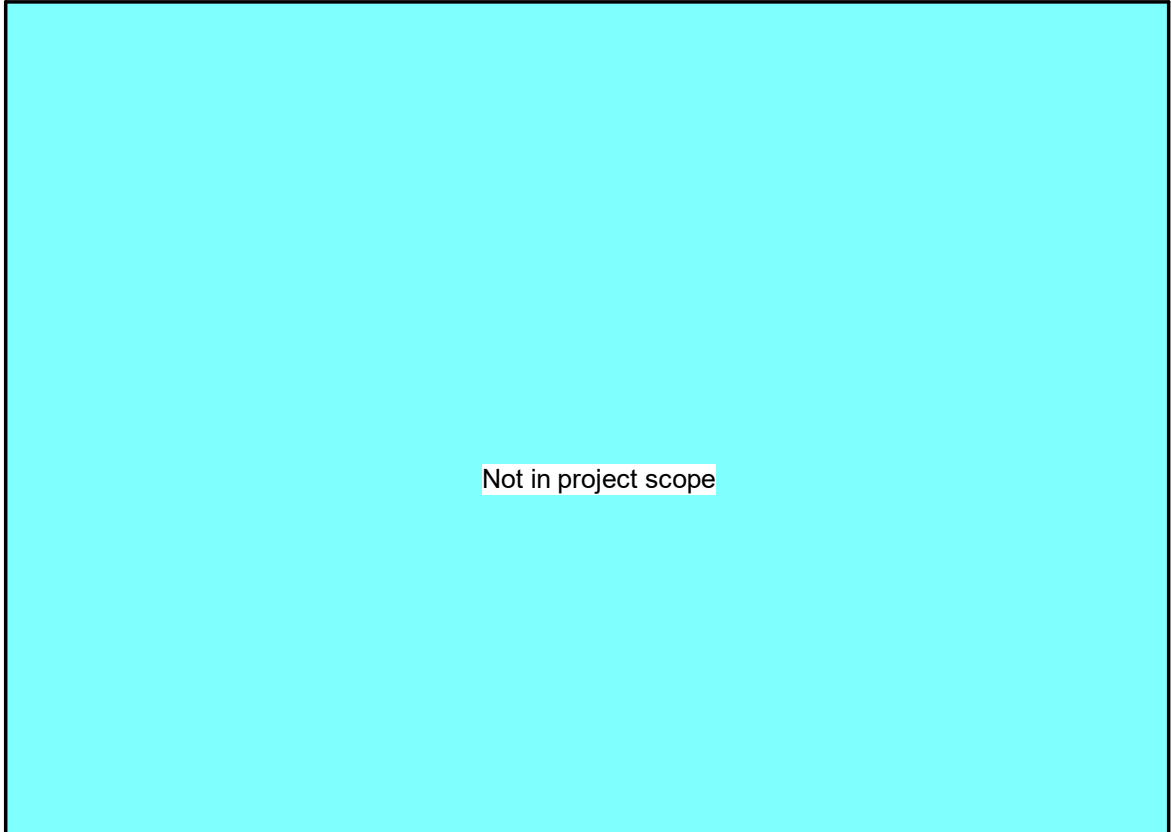
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01/04/2022

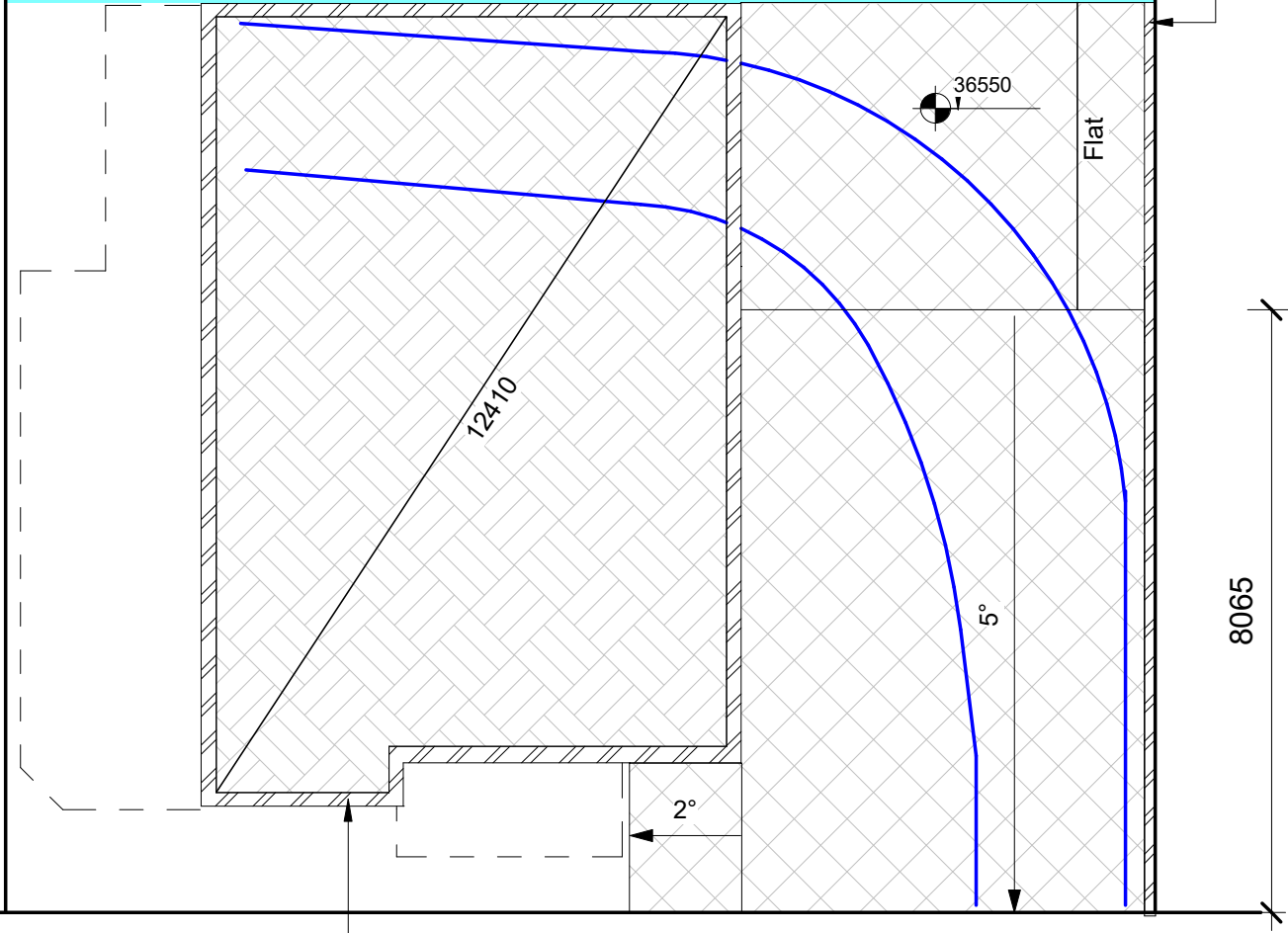


NORTH



Not in project scope

150mm masonry block retaining wall



200mm masonry block foundation wall

PALM GROVE

Notes

Foundation fill Area:
 $10768 \times 7222 = 77.5\text{m}^2$

Driveway fill Area:
 $12164 \times 5400 = 56.88\text{m}^2$

— Minimum small car turning circle

Foundation fill

Driveway fill

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Earthworks Plan

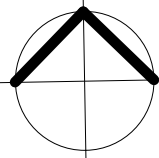
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27/04/2022

Earthworks

1 : 100

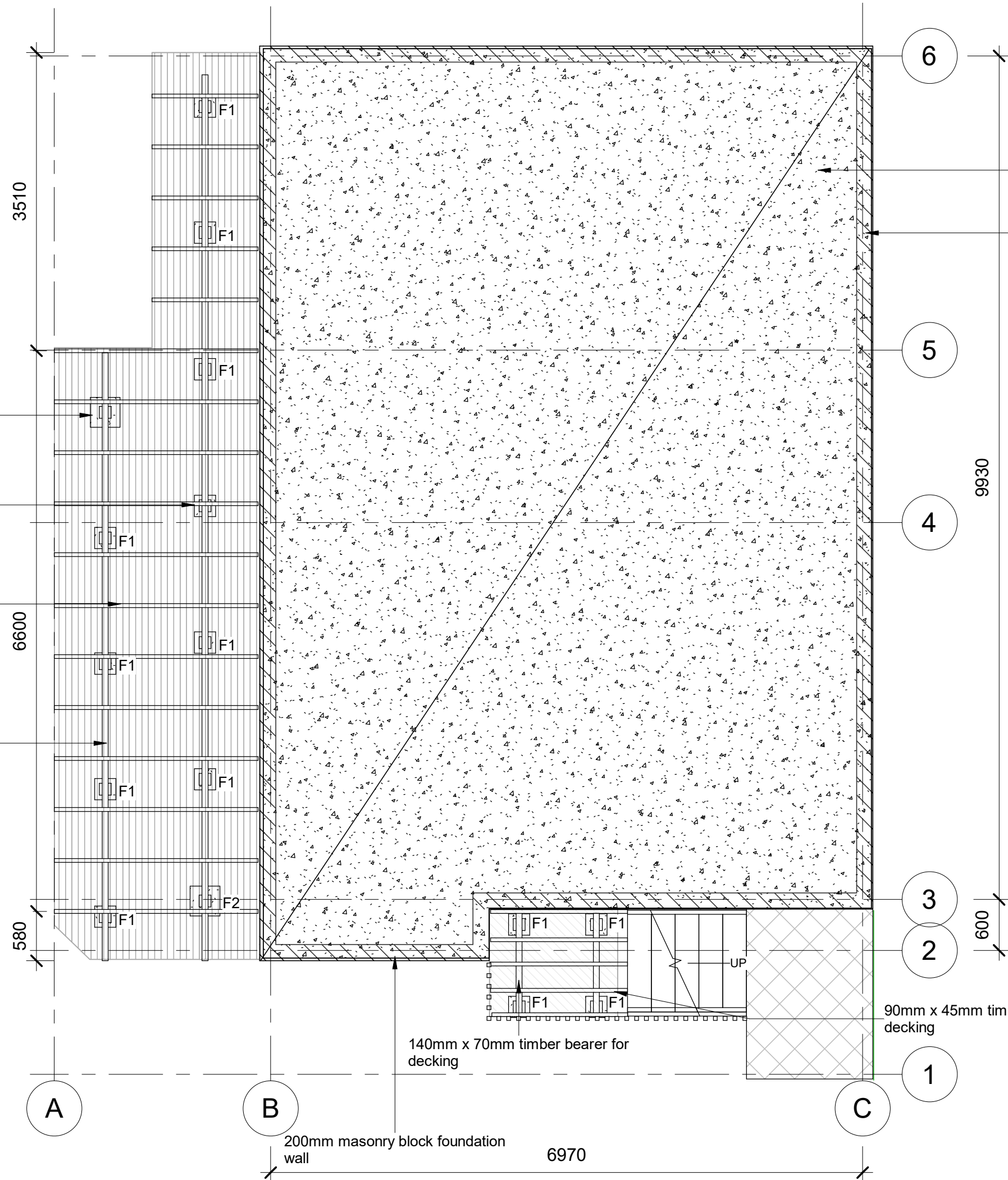


NORTH

1

Foundation plan

1 : 50



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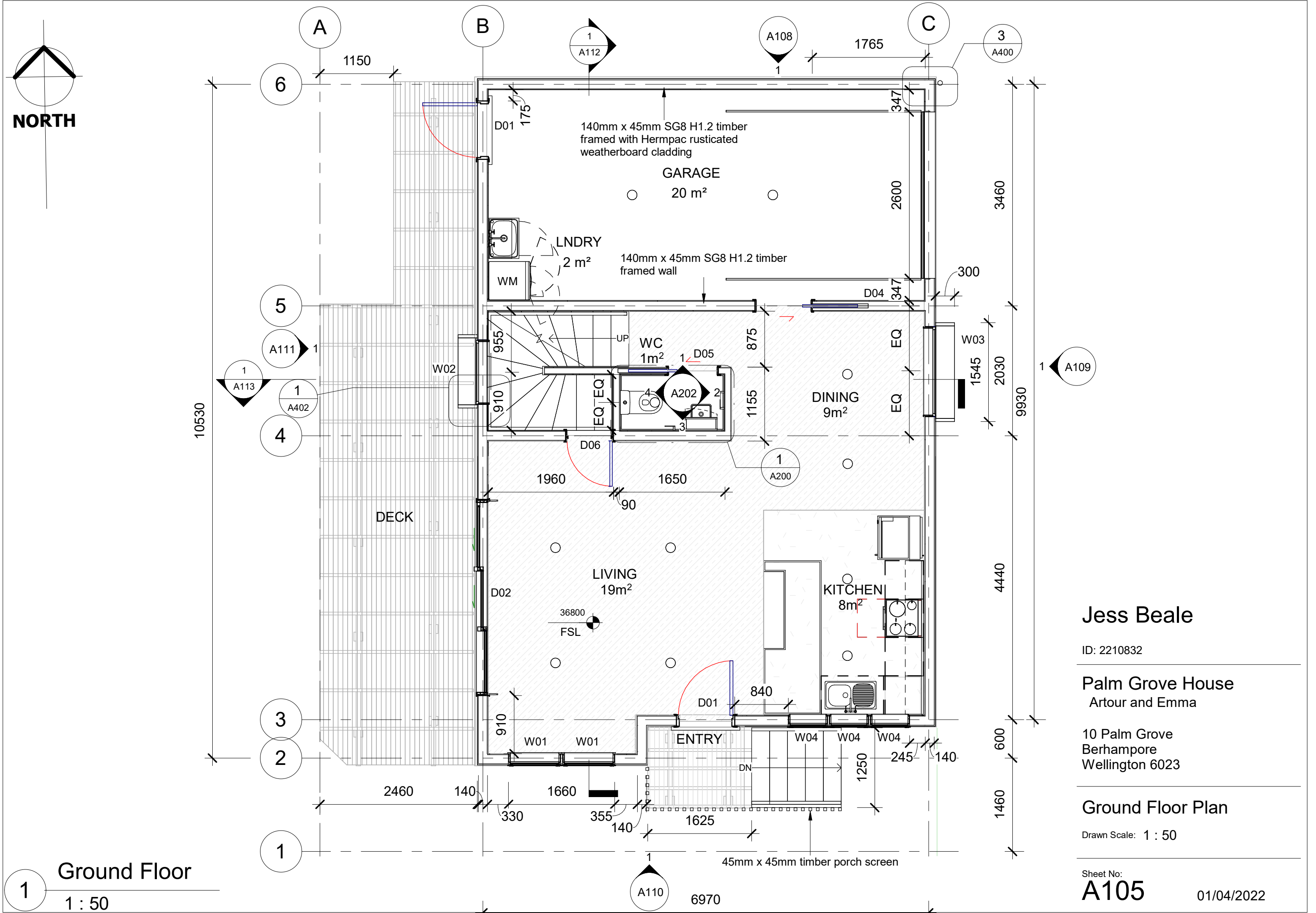
10 Palm Grove
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Wellington 6023

Foundation Plan

Drawn Scale: 1 : 50

Sheet No:
A104

01/04/2022



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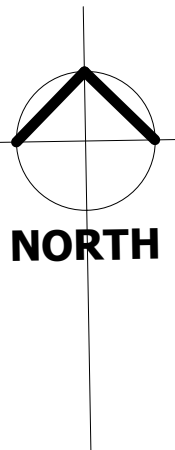
10 Palm Grove
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Wellington 6023

Ground Floor Plan

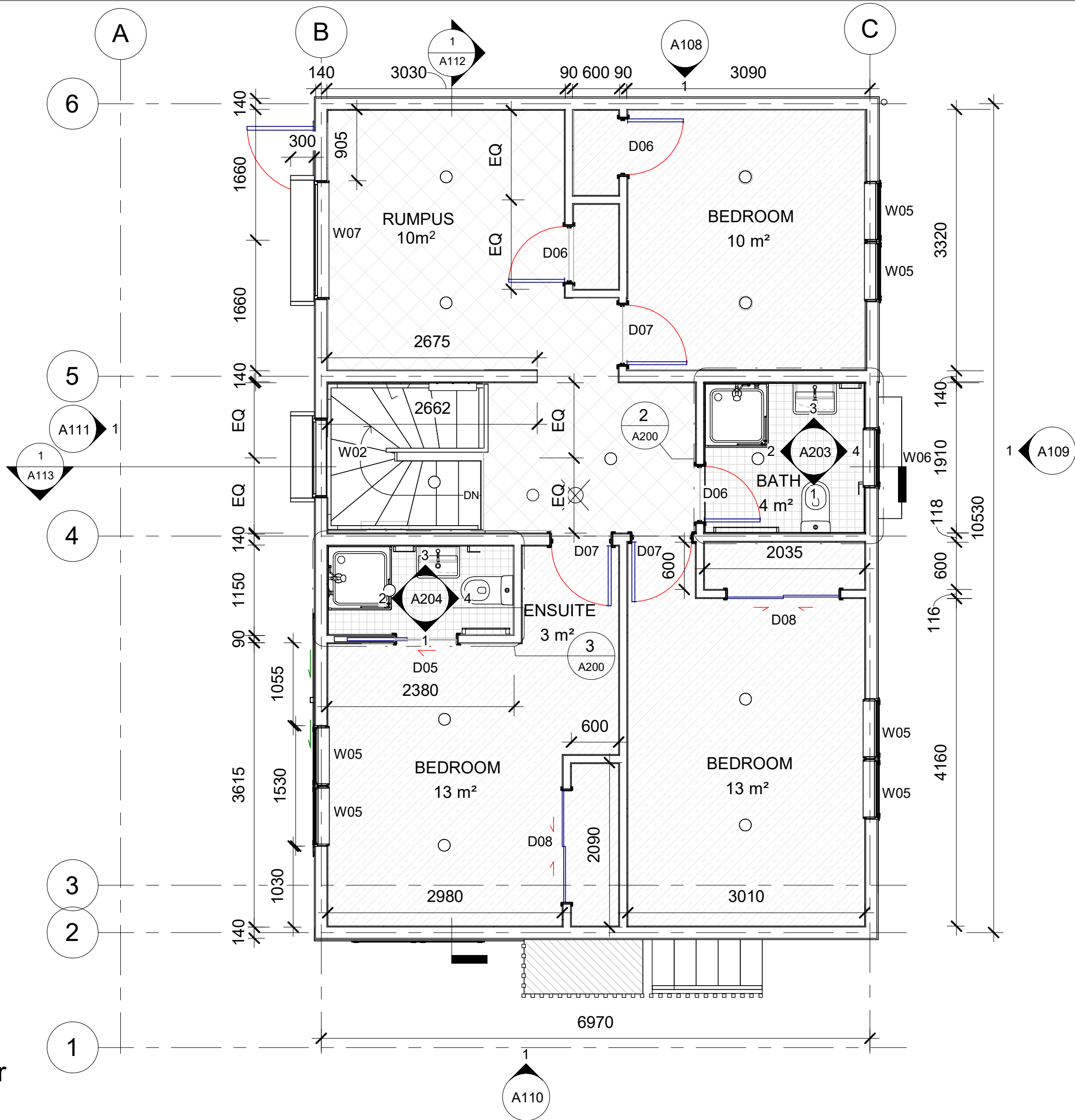
Drawn Scale: 1 : 50

Sheet No:
A105

01/04/2022



NORTH



1 First Floor
1 : 50

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First Floor Plan

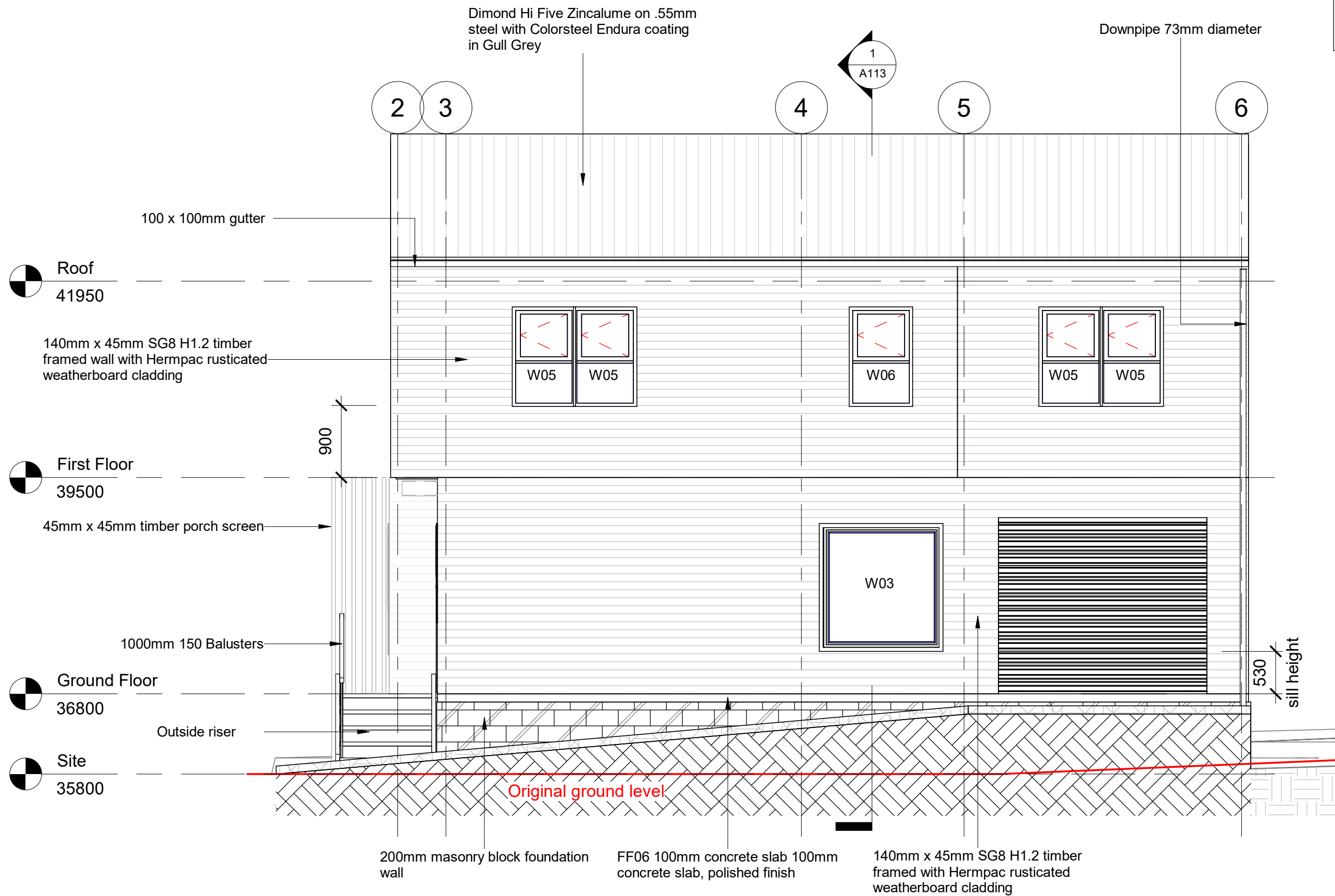
Drawn Scale: 1 : 50

Sheet No:
A106

01/04/2022

Notes

For window and door sizing and materials see schedules.



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East Elevation

Drawn Scale: 1 : 50

Sheet No:

A109

27/04/2022

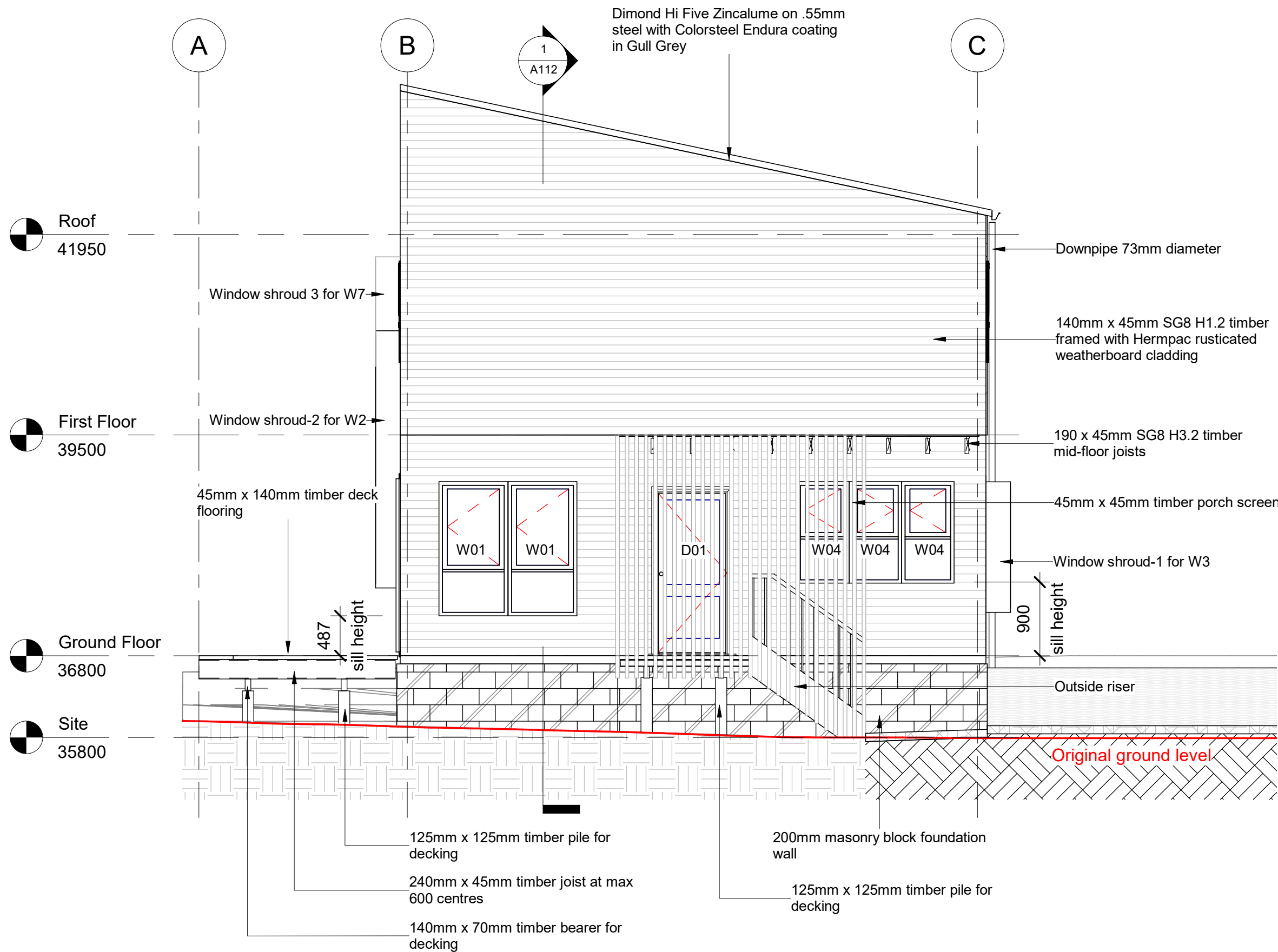
East Elevation

1

1 : 50

Notes

For window and door sizing and materials see schedules.



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Wellington 6023

South Elevation

Drawn Scale: 1 : 50

Sheet No:

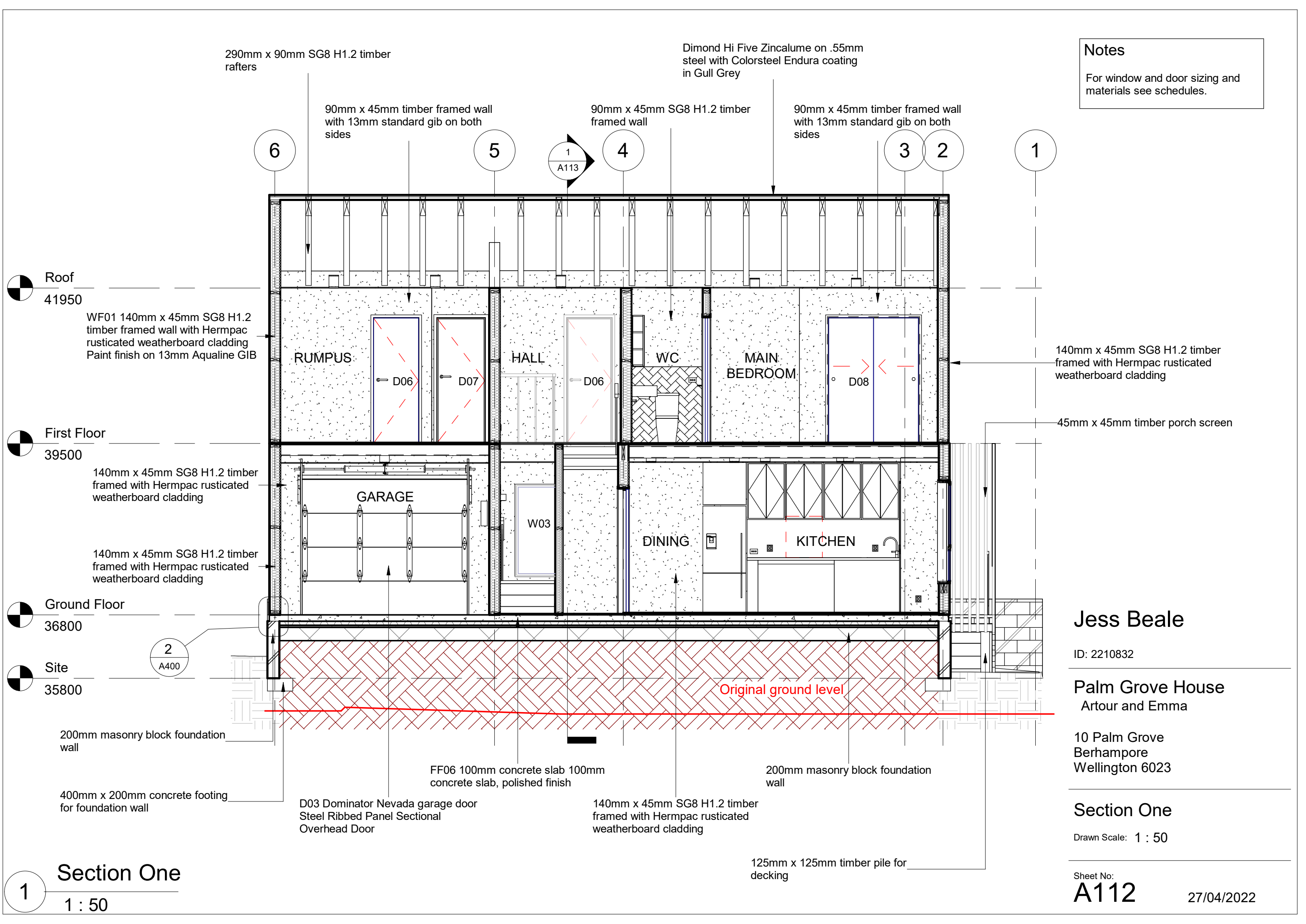
A110

27/04/2022

South Elevation

1 : 50

1



Notes

For window and door sizing and materials see schedules.

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Section One

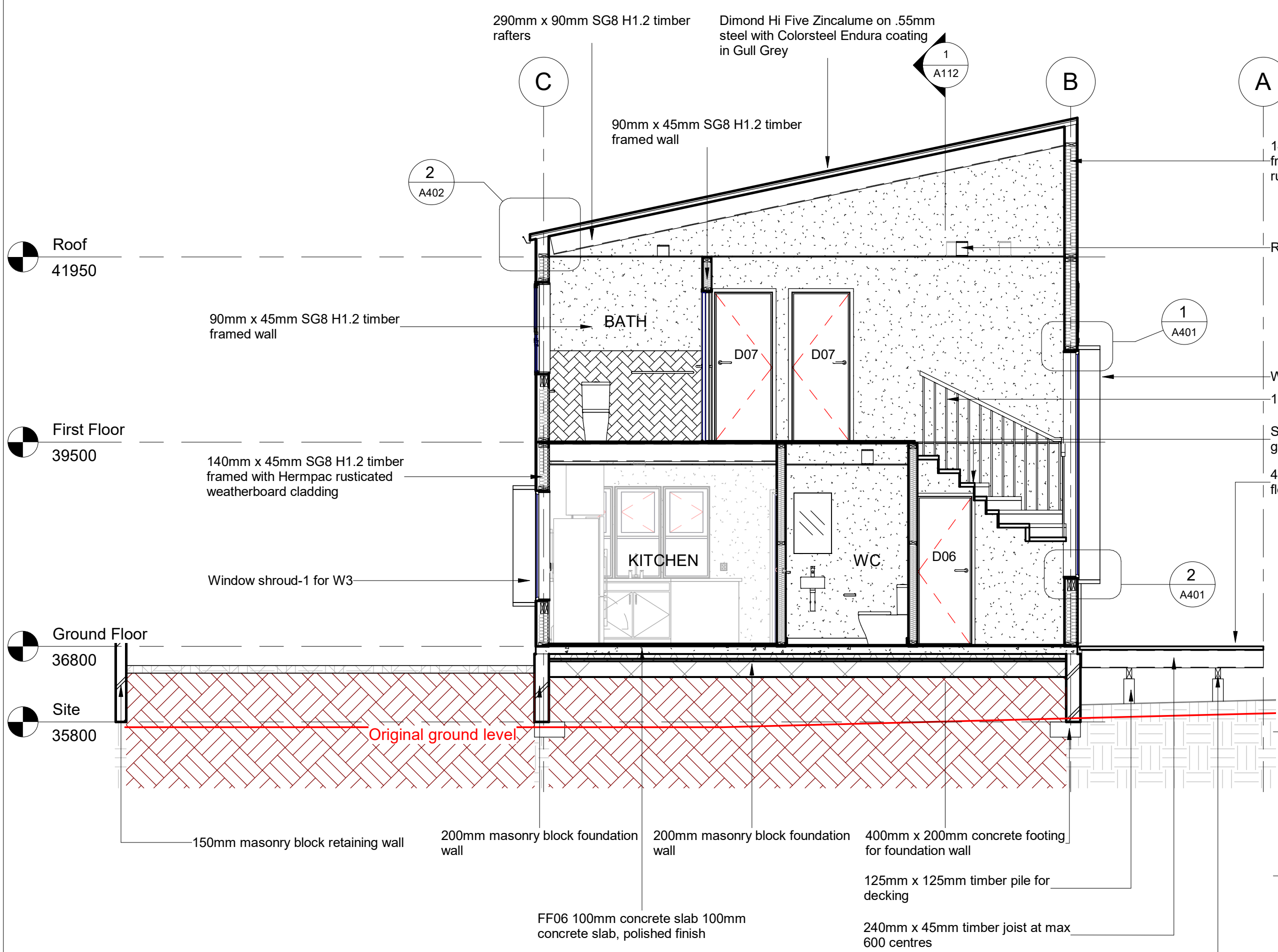
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A112

27/04/2022

Section One
1 : 50

Notes
For window and door sizing and materials see schedules.



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Section Two

Drawn Scale: 1 : 50

Sheet No:

A113

27/04/2022

Section Two

1 : 50

1



NORTH



Ground Floor Electrical Plan

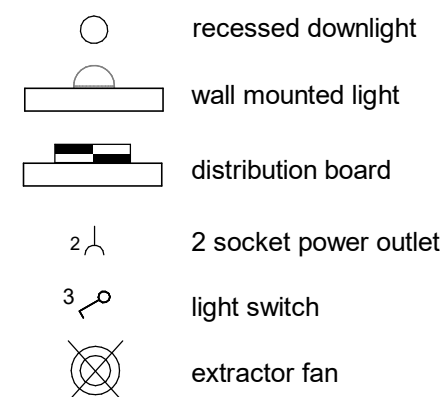
1 : 50

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



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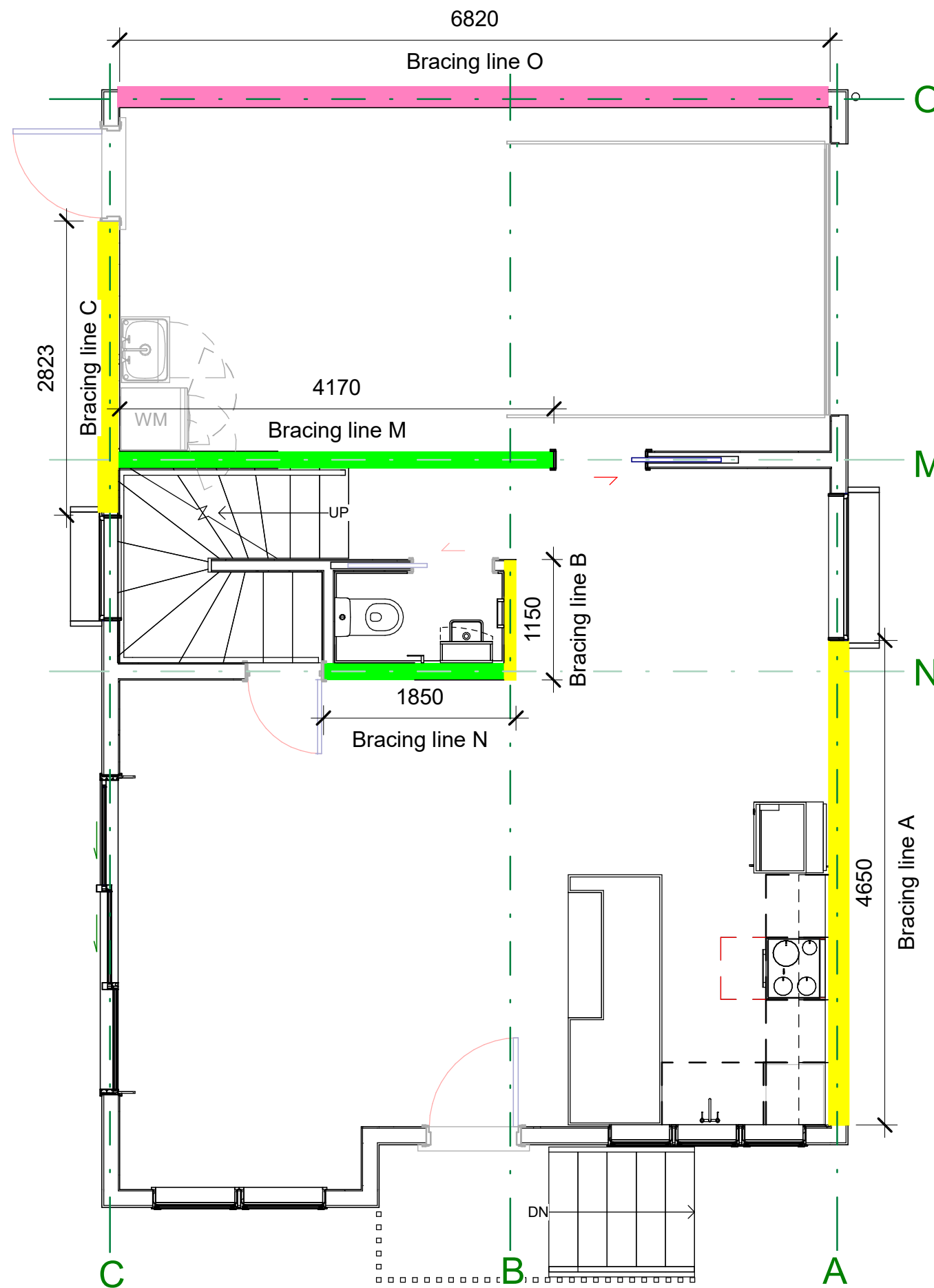
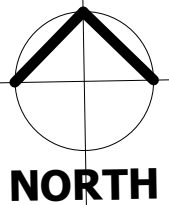
10 Palm Grove
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Wellington 6023

Ground Floor Electrical Plan

Sheet No:

A114

27/04/2022



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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Berhampore
Wellington 6023

Ground Floor Bracing Plan

Drawn Scale: 1 : 50

Sheet No:

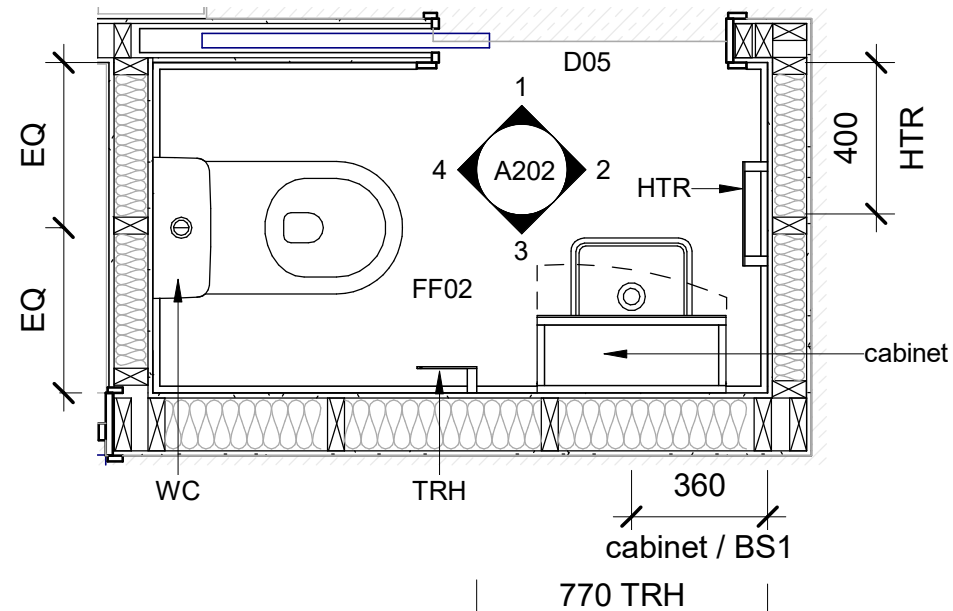
A116

27/04/2022

Ground Floor Bracing Plan

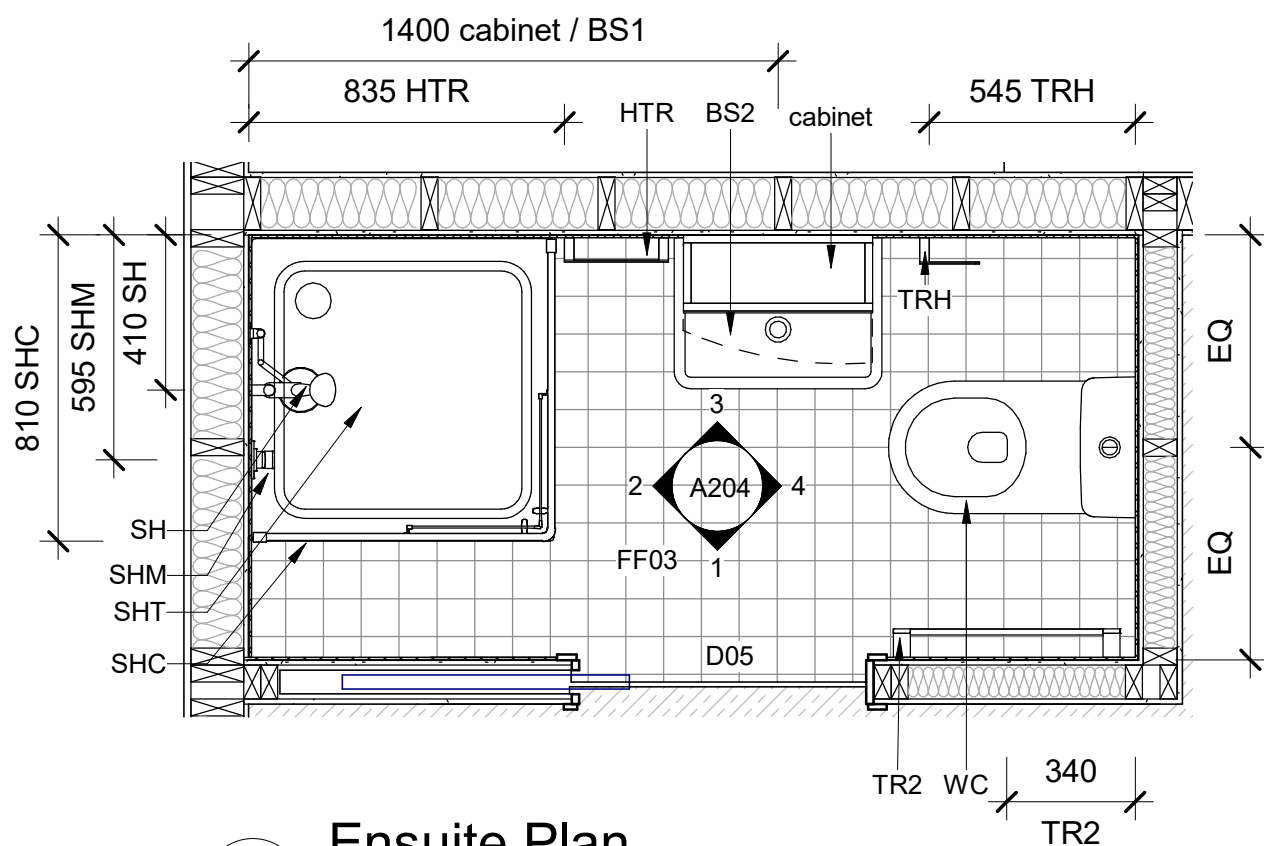
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1



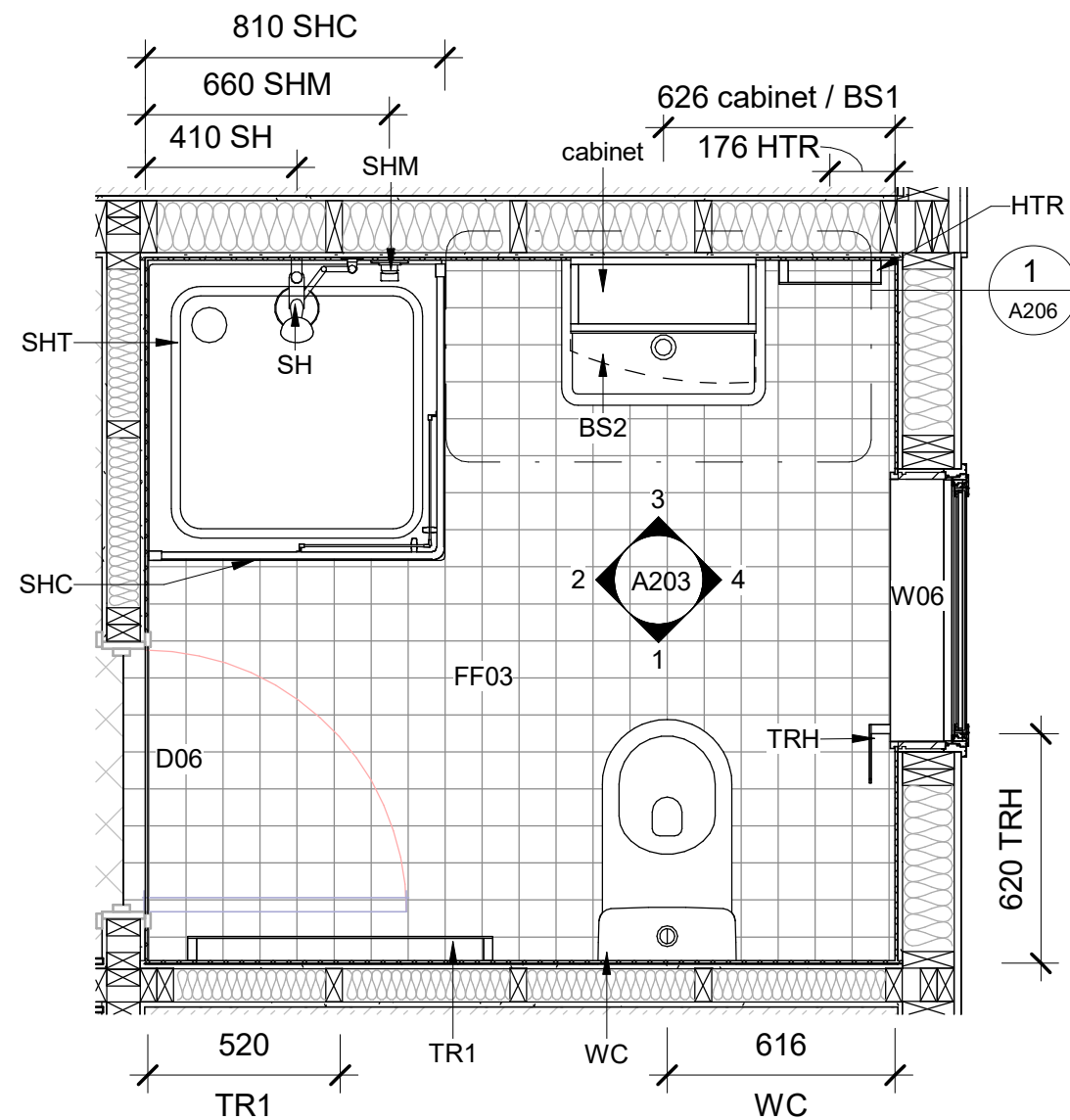
WC Plan

1 : 20



Ensuite Plan

1 : 20

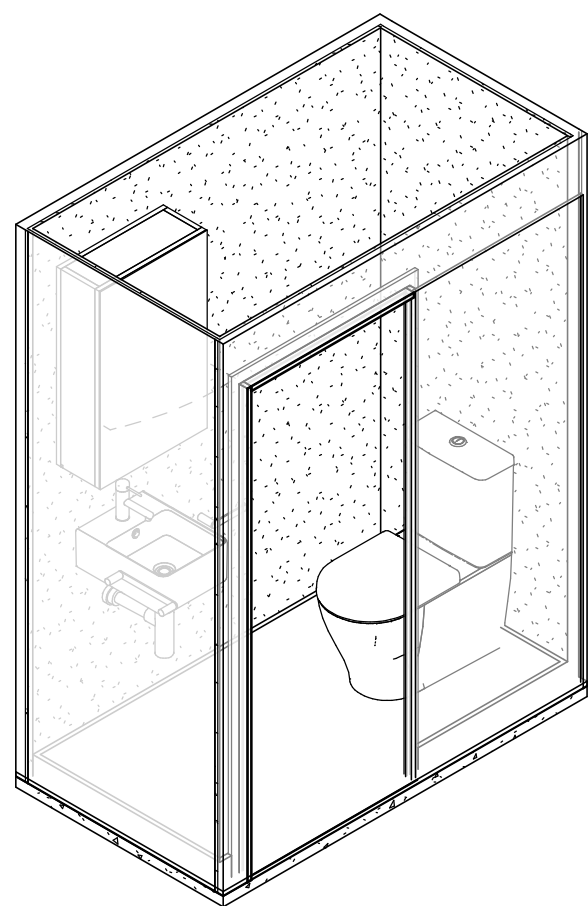


Main Bathroom Plan

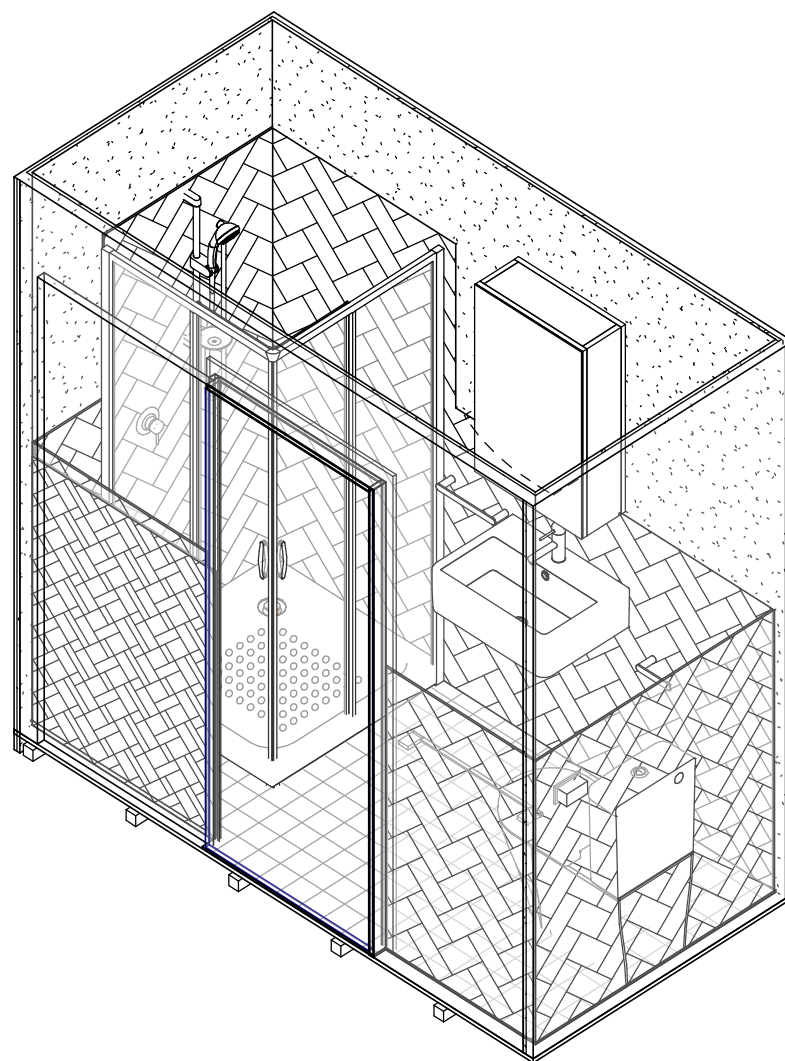
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Notes

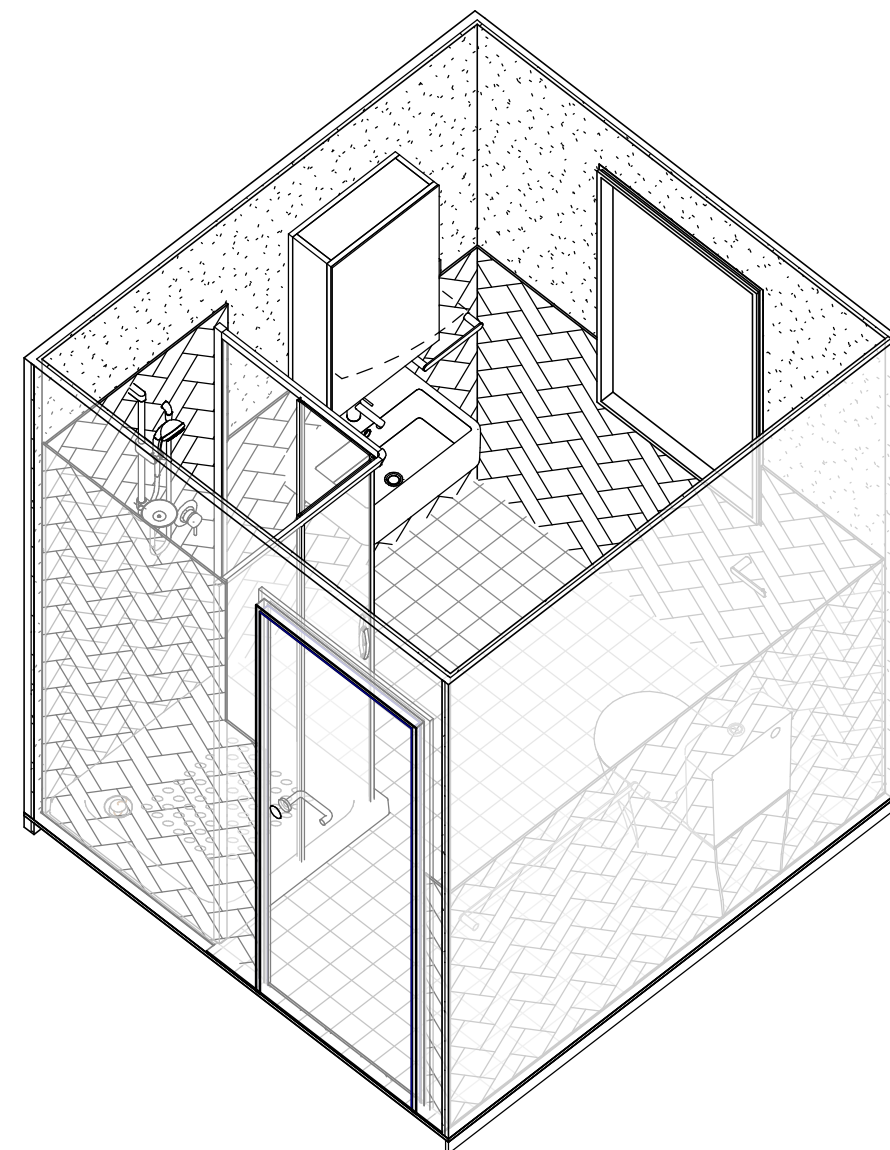
All dimensions lining to lining
Insulation: GreenStuf Thermal Pads R2.5
Fixtures and fittings: refer to schedules



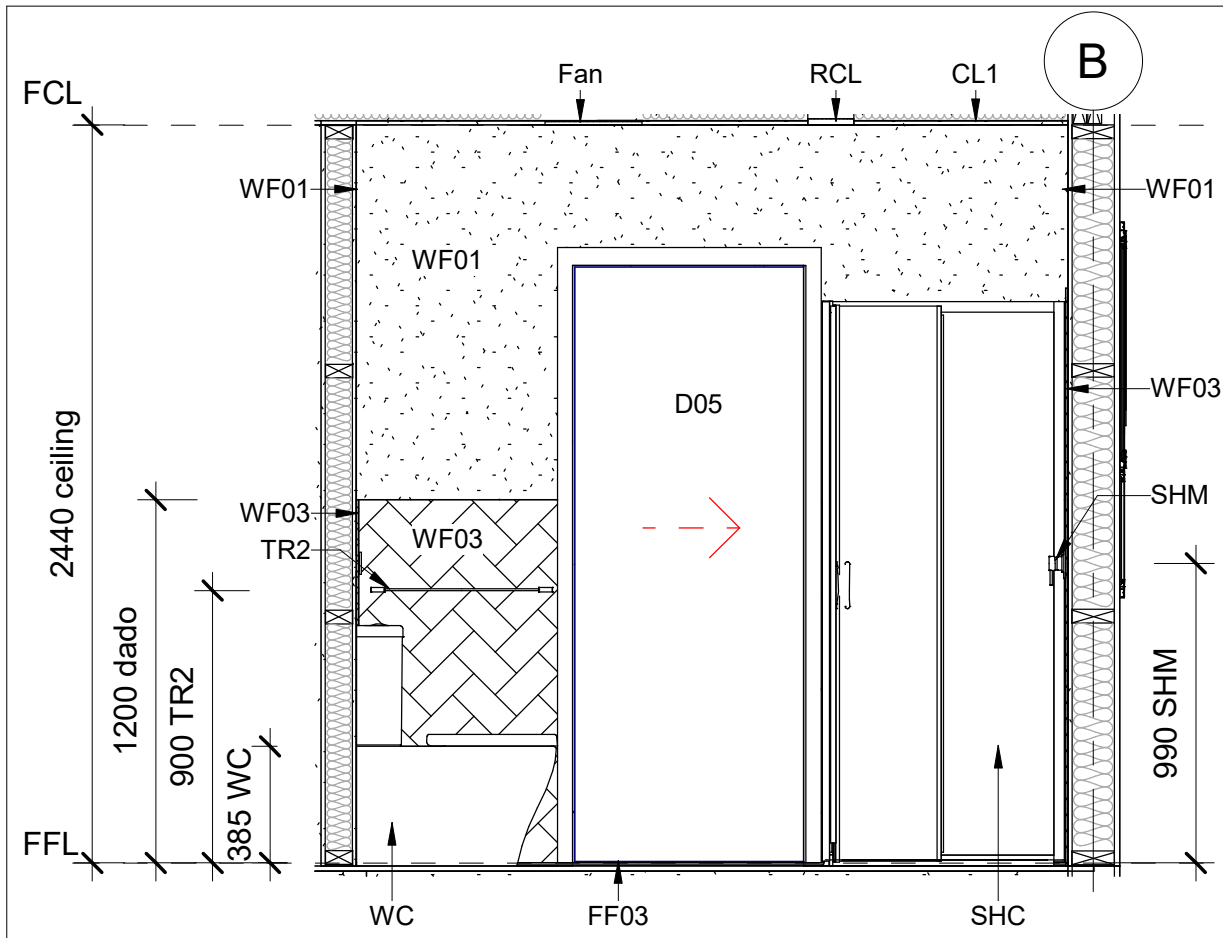
1 WC axonometric view



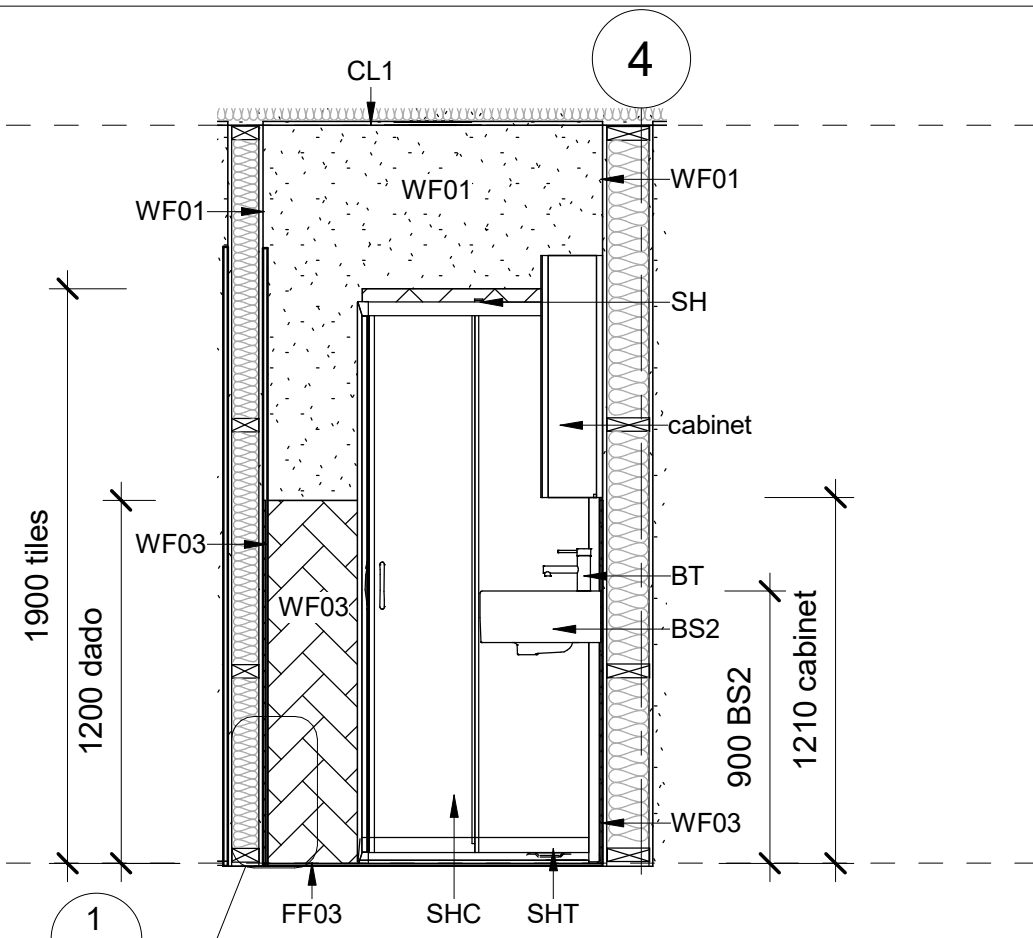
2 Ensuite axonometric view



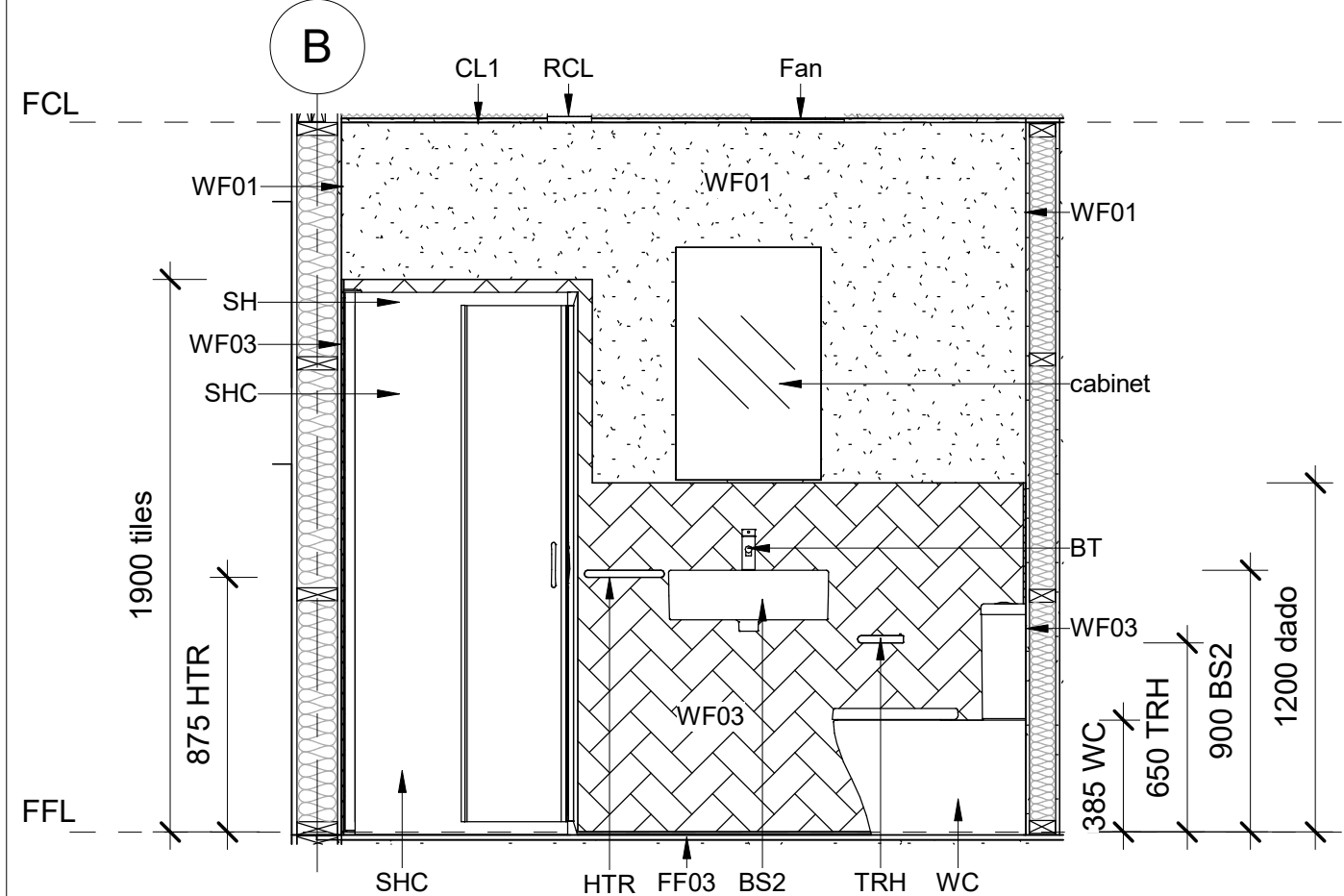
3 Bathroom axonometric view



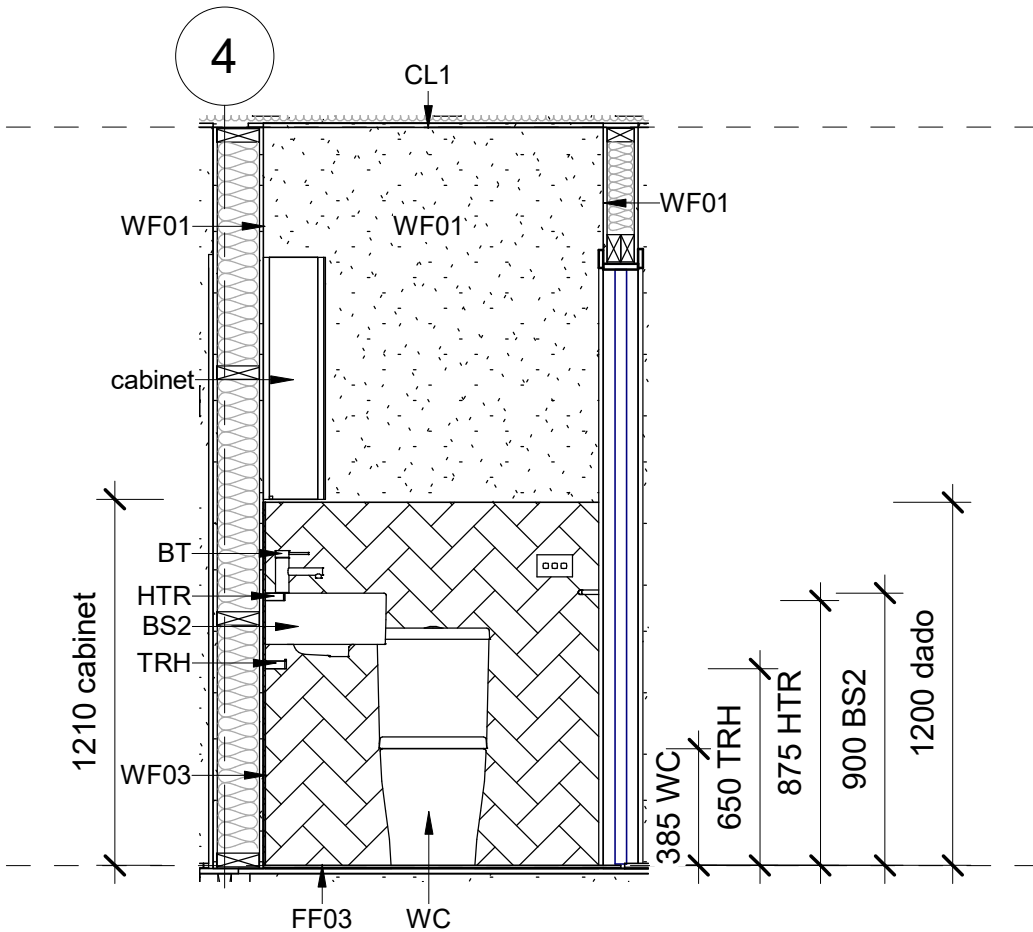
1 Ensuite elevation 1
1 : 25



2 Ensuite elevation 2
1 : 25



3 Ensuite elevation 3
1 : 25



4 Ensuite elevation 4
1 : 25

Notes
 CL1: 13mm aqualine 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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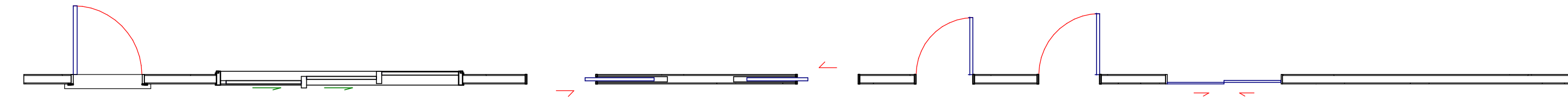
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 Wellington 6023

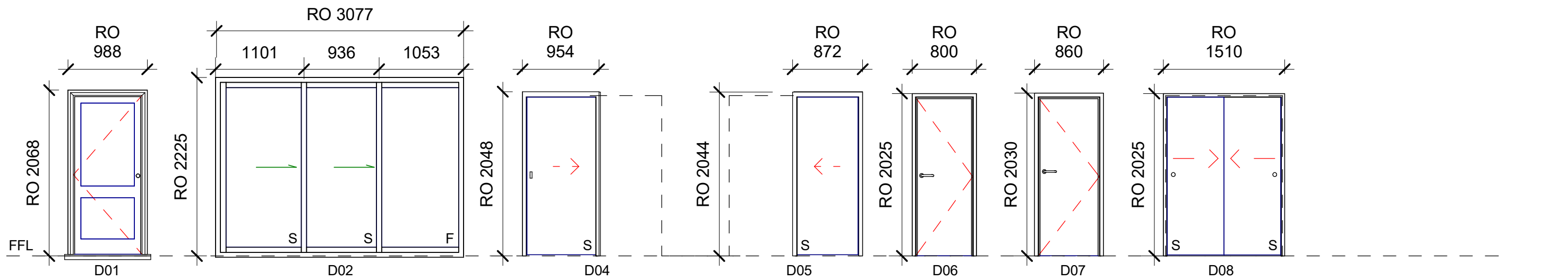
Ensuite elevations

Drawn Scale: 1 : 25

Sheet No:
A204
 27/05/22



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



31/05/2022

The North

Peak House



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 | |

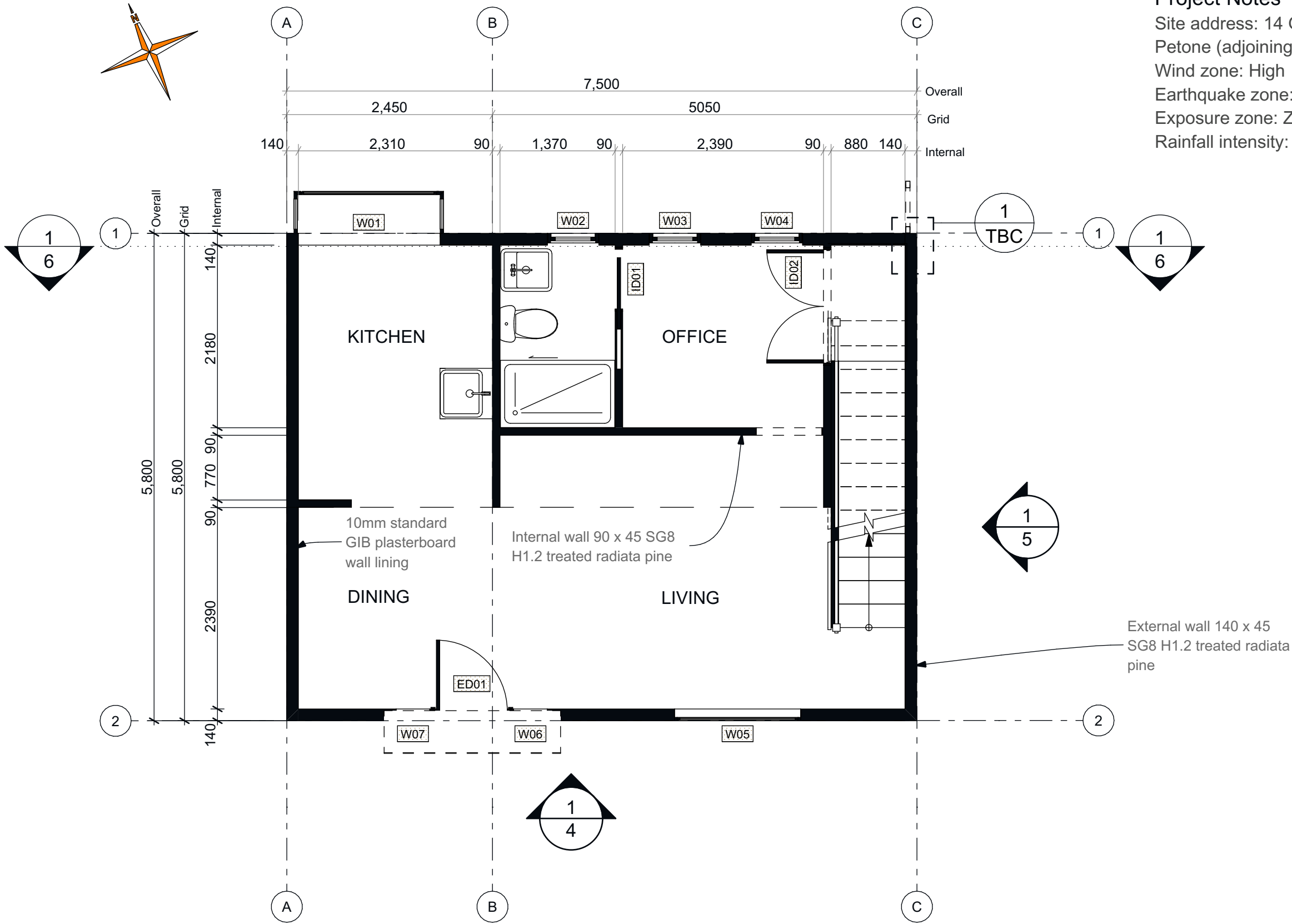
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BD6018 AS1

North Peak House

14 Graham-North
Lane, Petone

Cover Page



Project Notes
Site address: 14 Graham North lane,
Petone (adjoining 14 North Street).
Wind zone: High
Earthquake zone: Zone 3
Exposure zone: Zone C
Rainfall intensity: 70-80mm

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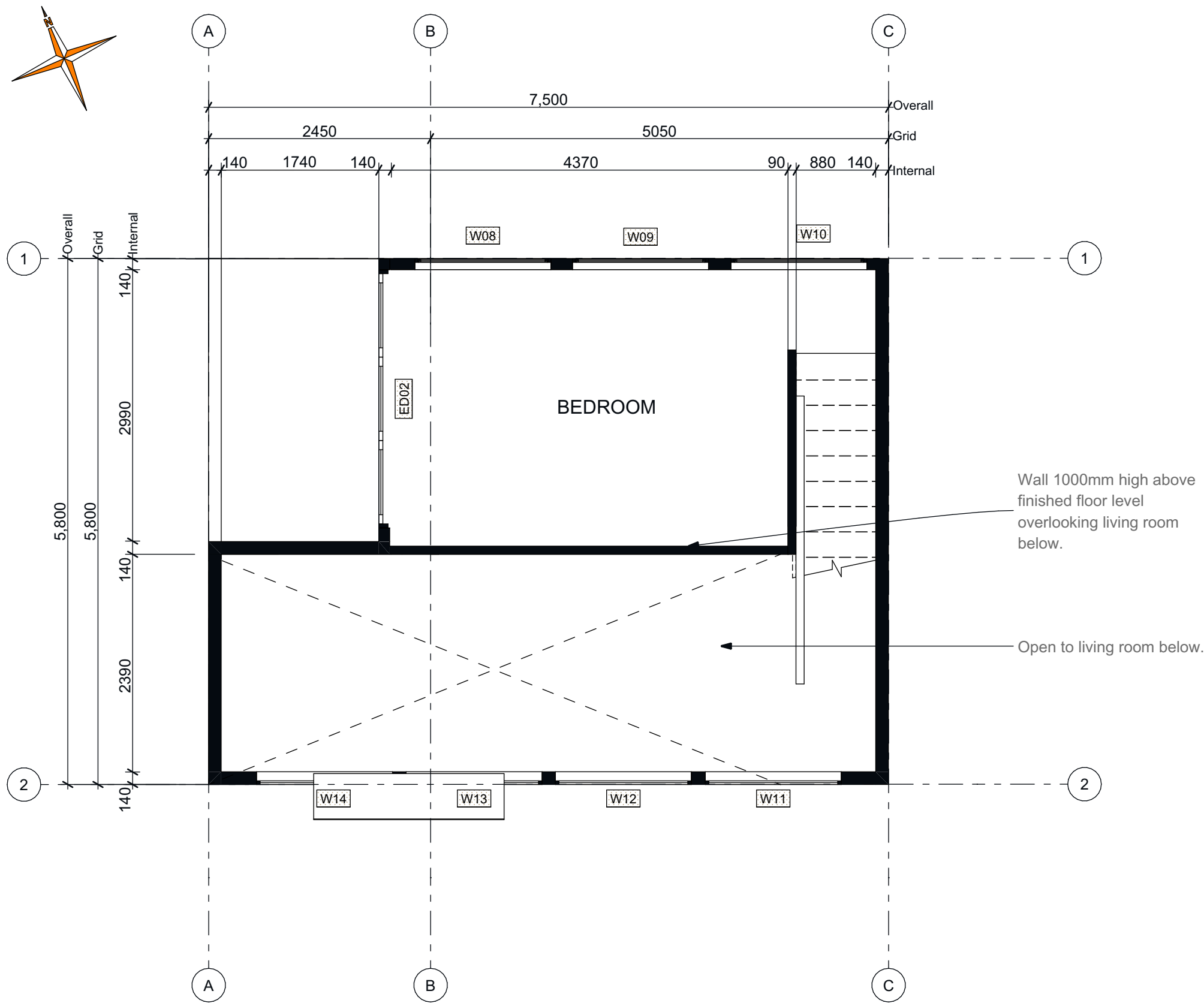
BD6018 AS1

North Peak House

14 Graham-North
Lane, Petone

Floor plan

1
2 **Ground floor**
SCALE: 1:50



1
3

Mezzanine floor

SCALE: 1:50

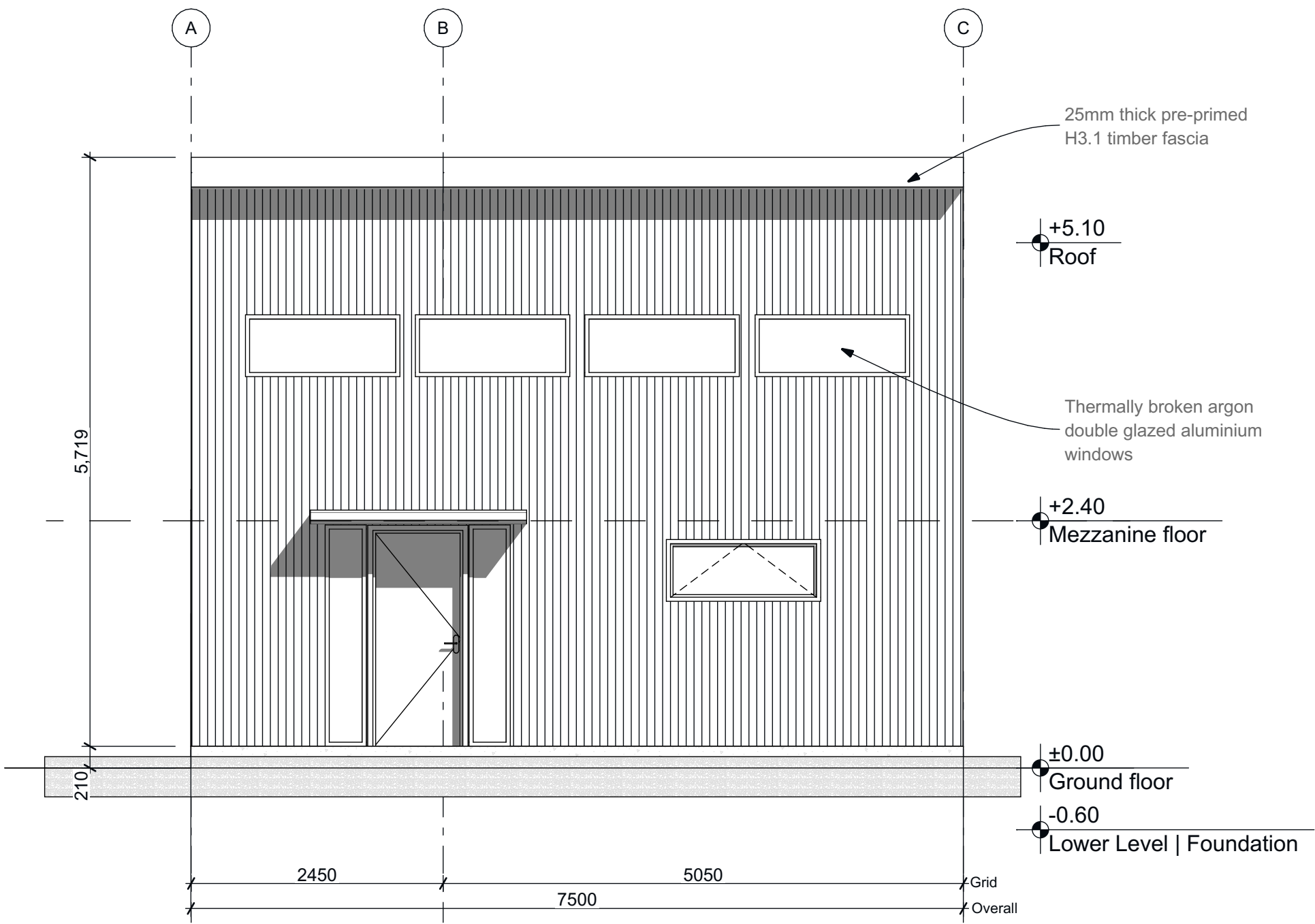
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BD6018 AS1

North Peak House

14 Graham-North
Lane, Petone

Floor plan



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BD6018 AS1

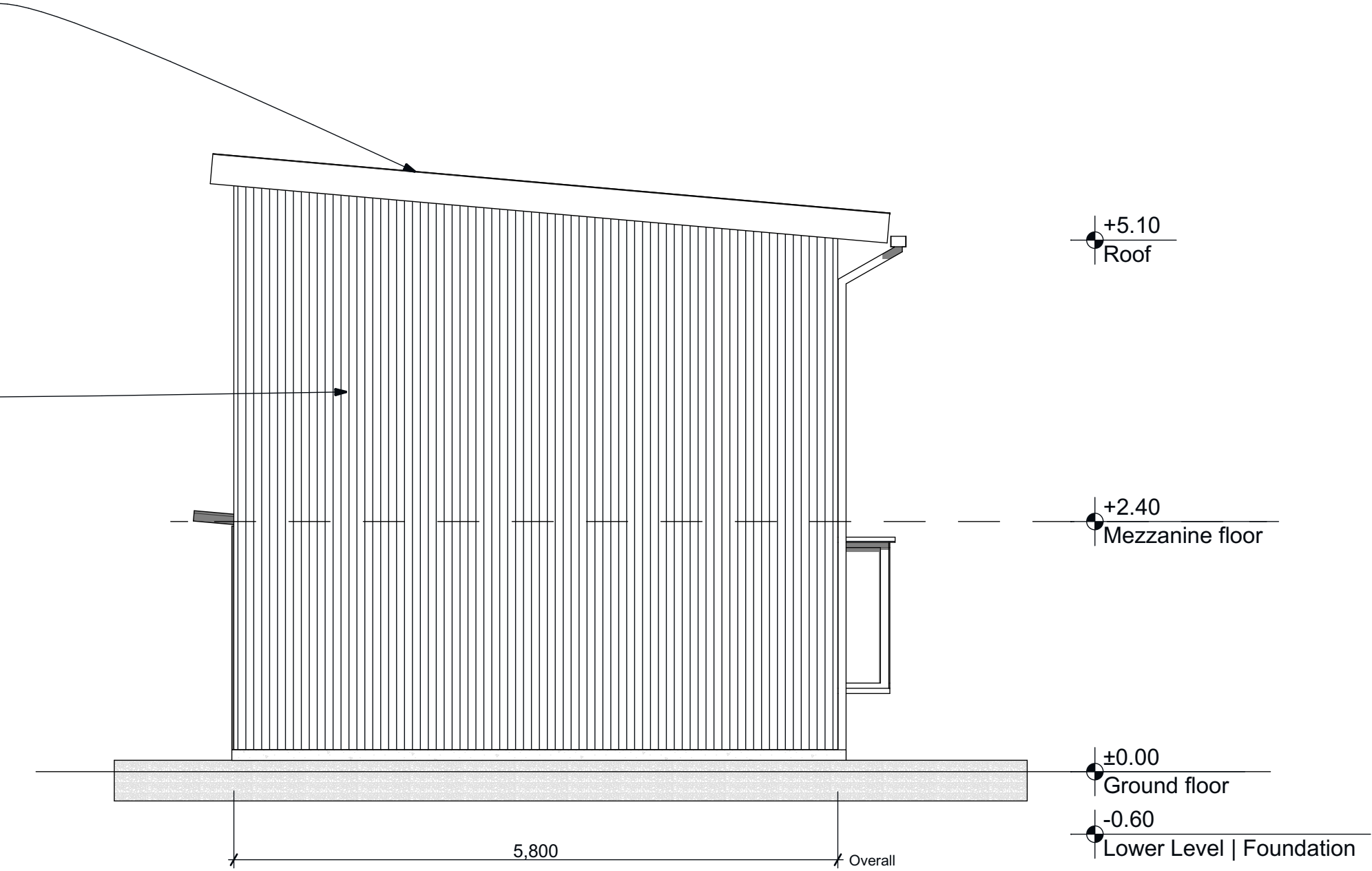
North Peak House

14 Graham-North
Lane, Petone

Elevation one

Colorsteel corrugated
longrun roofing

Clad in vertical shou sugi
ban charred cedar timber



1
5

East Elevation

SCALE: 1:50

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BD6018 AS1

North Peak House

14 Graham-North
Lane, Petone

Elevation two

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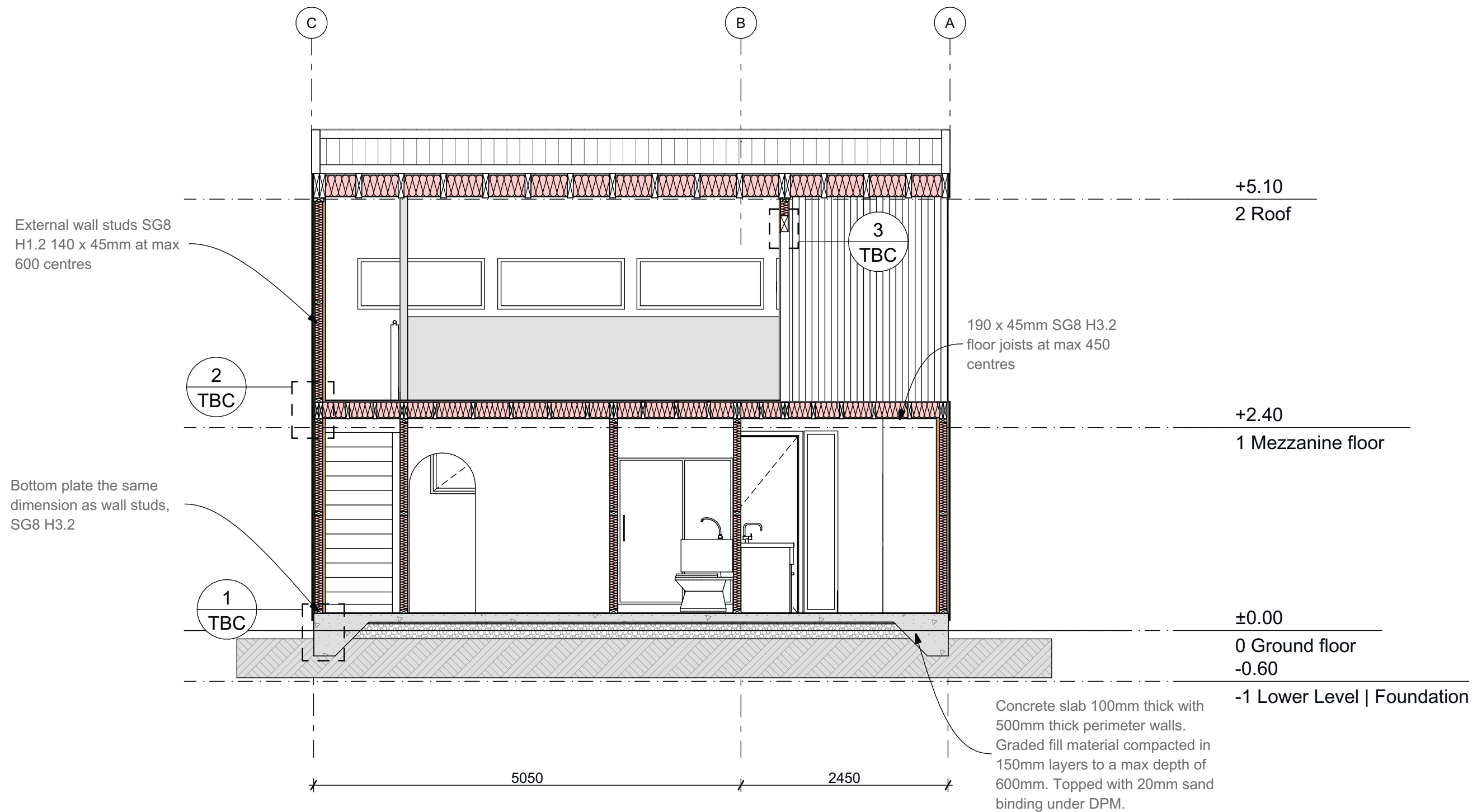
BD6018 AS1

North Peak House

14 Graham-North
Lane, Petone

Section one

6



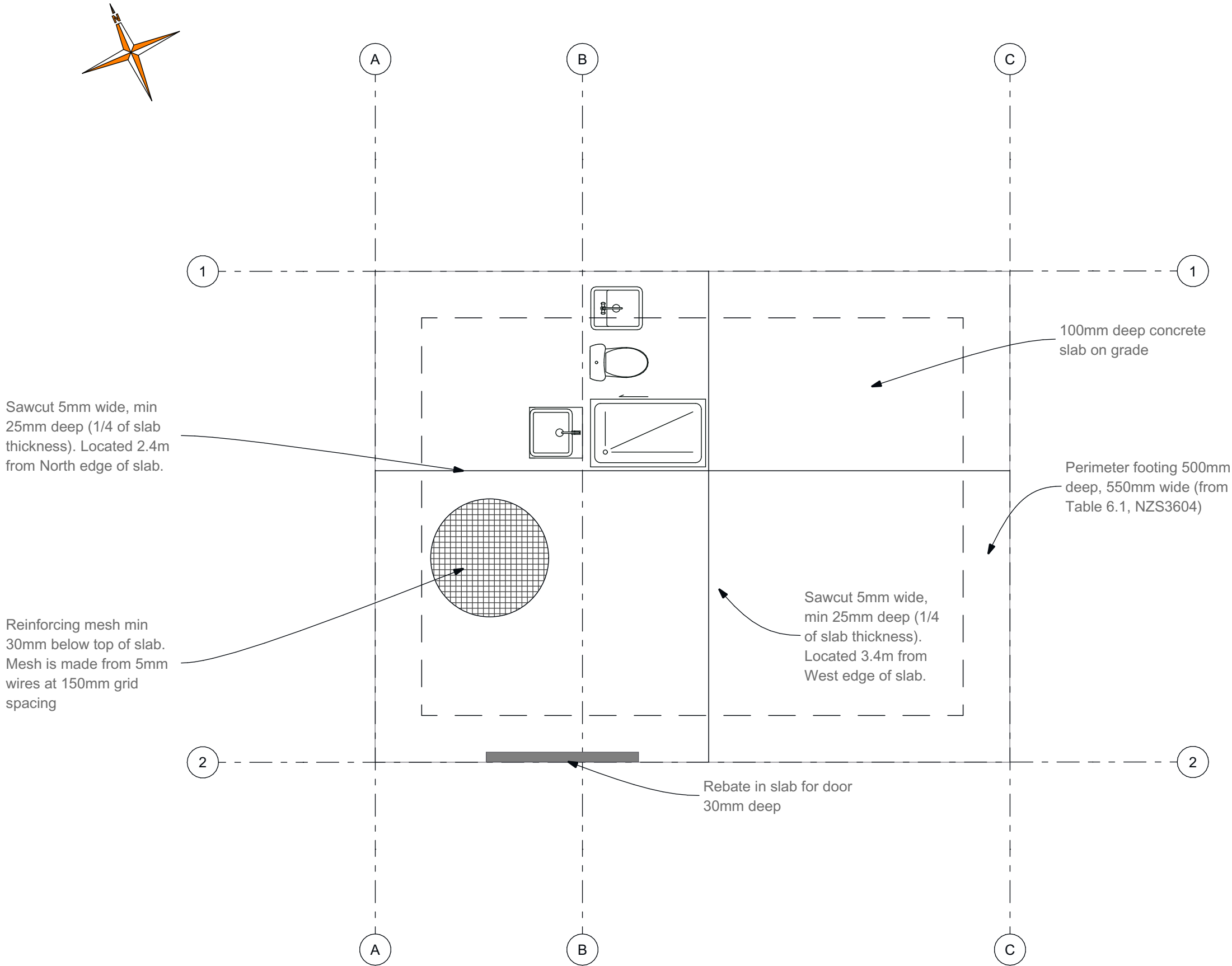
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BD6018 AS1

North Peak House

14 Graham-North Lane, Petone

Foundation Plan



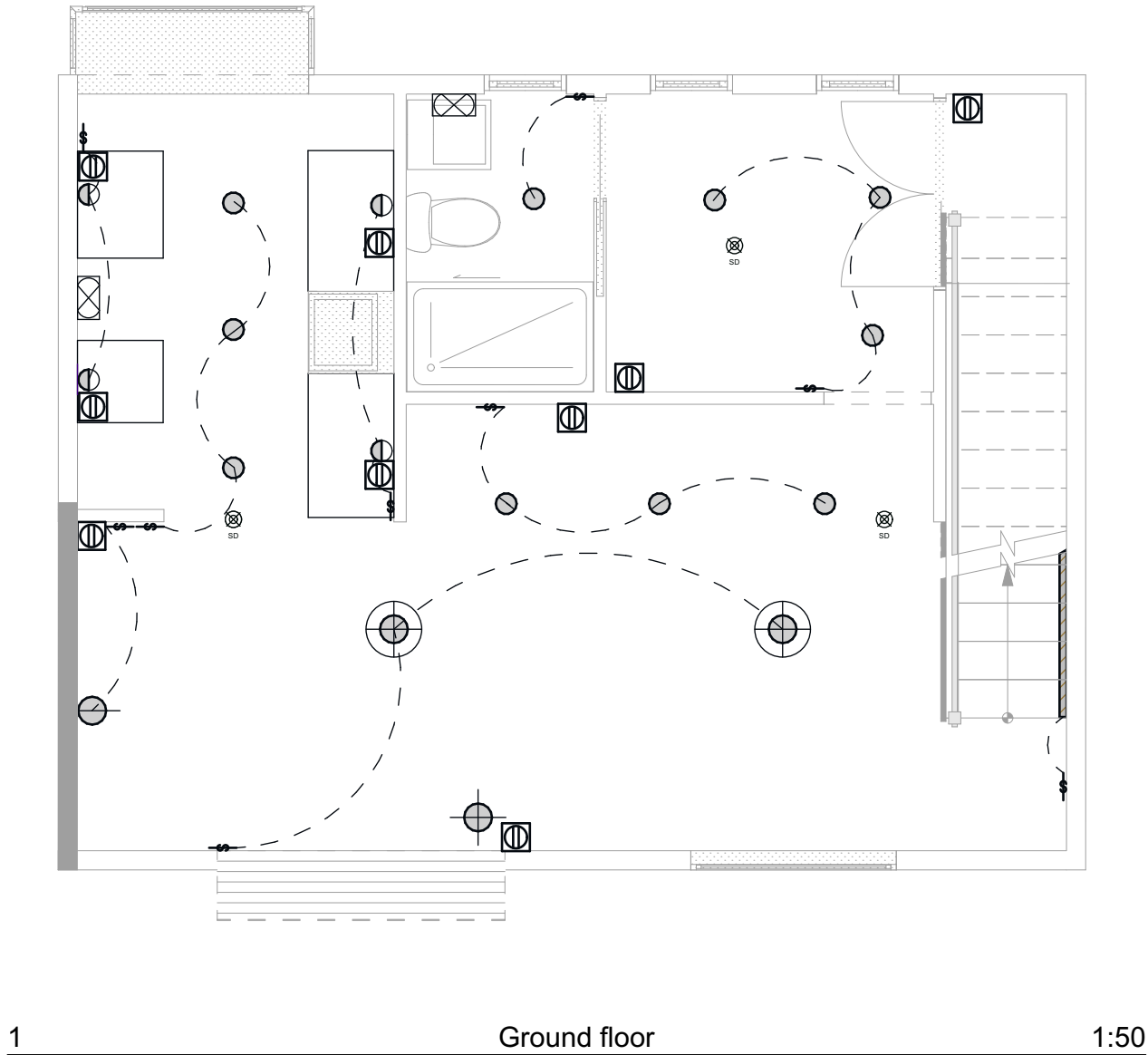
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BD6018 AS2

North Peak House

14 Graham-North
Lane, Petone

Electrical
plan



Electrical Legend

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

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BD6018 AS2

North Peak House

14 Graham-North
Lane, Petone

Lighting map



Layers of light

- Accent
- Task
- Ornamental
- 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

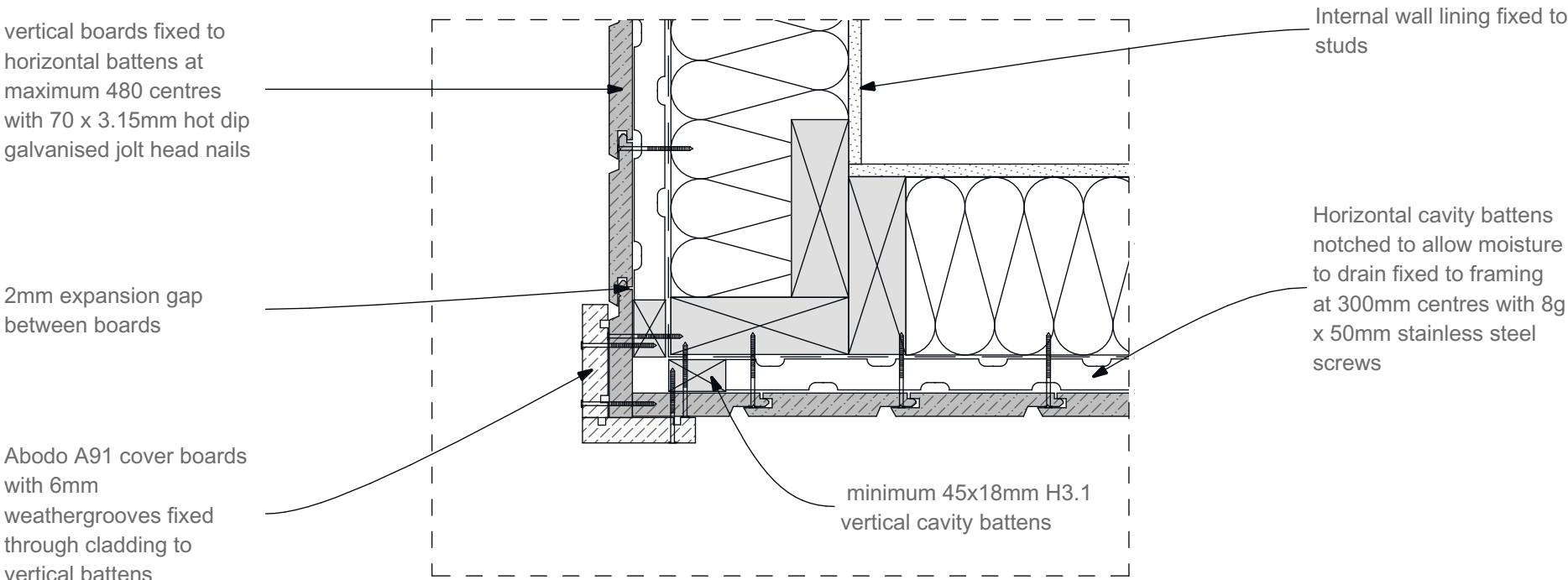
1

Lighting Design

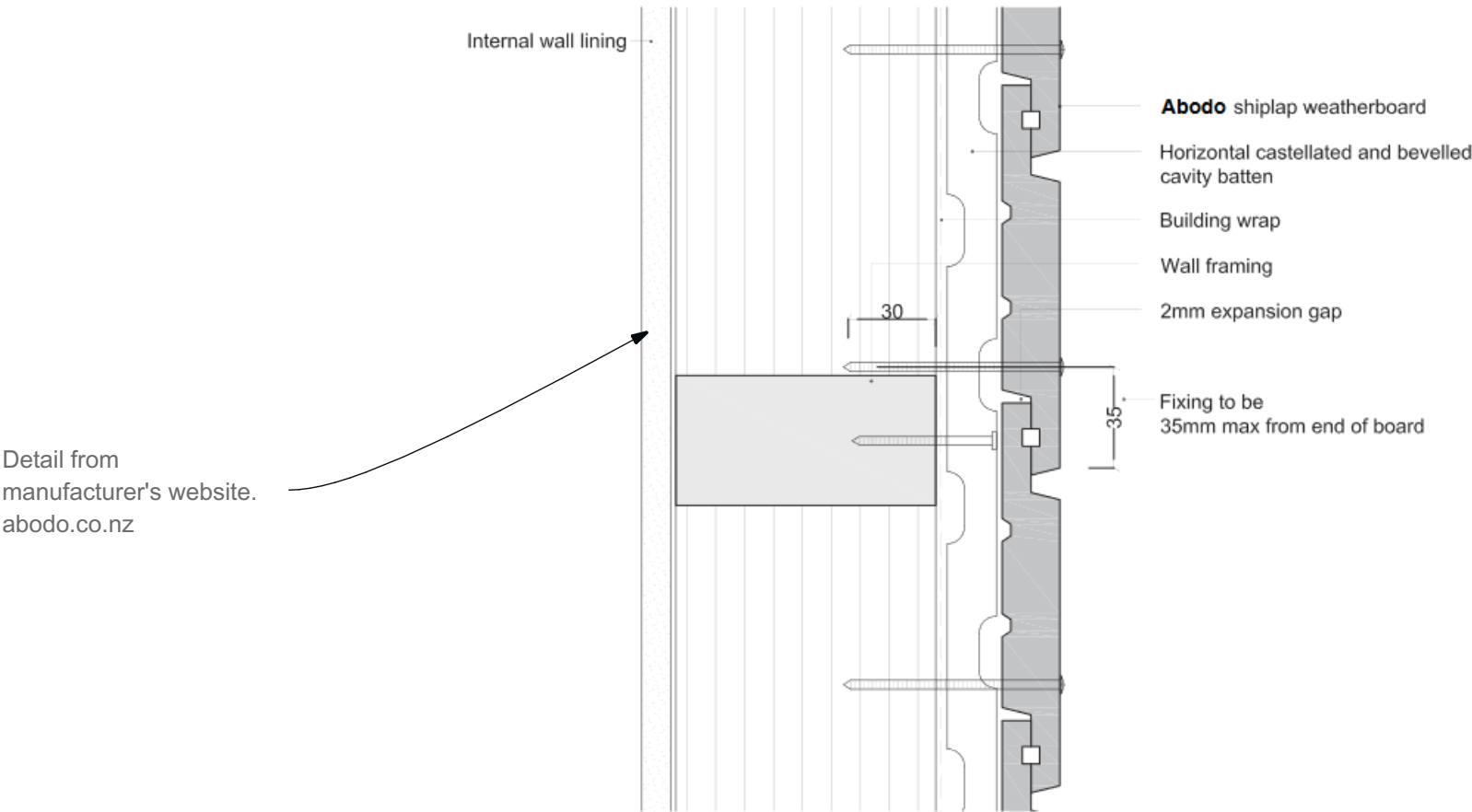
1:50

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



2 Manufacturer's cladding detail

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BD6018 AS2

North Peak House

14 Graham-North Lane, Petone

Wall corner detail

SEVENTEEN TINAKORI

NOVEMBER 2022, REVIT, ENSCAPE, PHOTOSHOP.



SITE PLAN
1: 500 @ A3

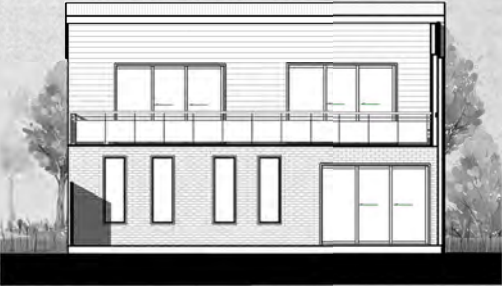


SEVENTEEN TINAKORI WAS DESIGNED AS A MEDIUM DENSITY DEVELOPMENT IN THORNDON PROVIDING FOUR SOCIAL HOUSING UNITS, TWO OF WHICH ARE ACCESSIBLE GROUND FLOOR UNITS.

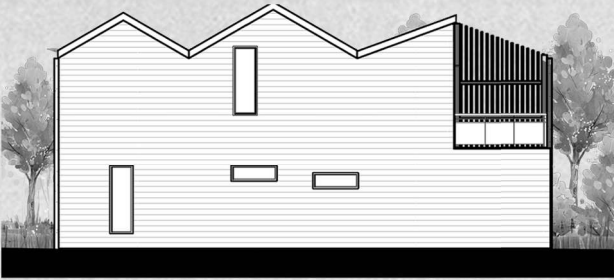
THE DESIGN REFERENCES THE HISTORY AND CULTURE OF THE AREA WHILE PROVIDING WARM AND COMFORTABLE HOUSING.



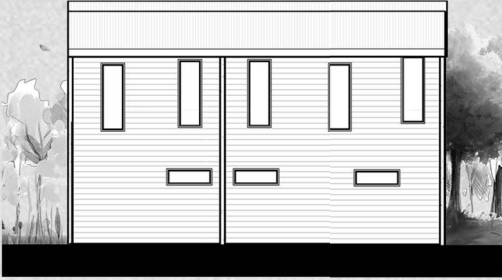
NW ELEVATION
1: 200 @ A3



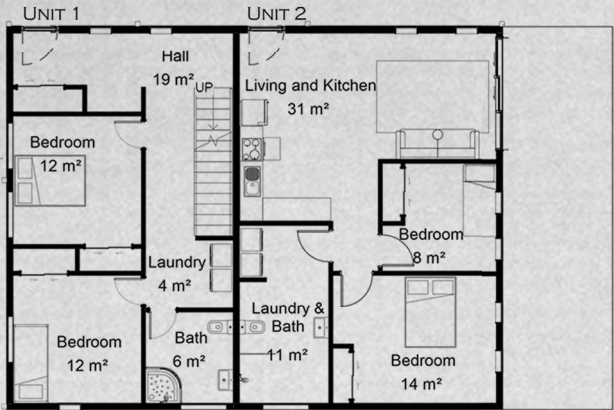
NE ELEVATION
1: 200 @ A3



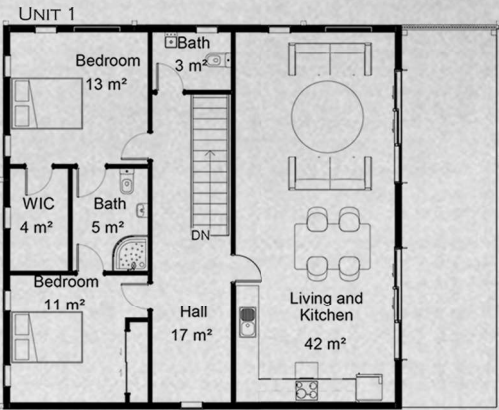
SE ELEVATION
1: 200 @ A3



SW ELEVATION
1: 200 @ A3



GROUND FLOOR
1: 200 @ A3



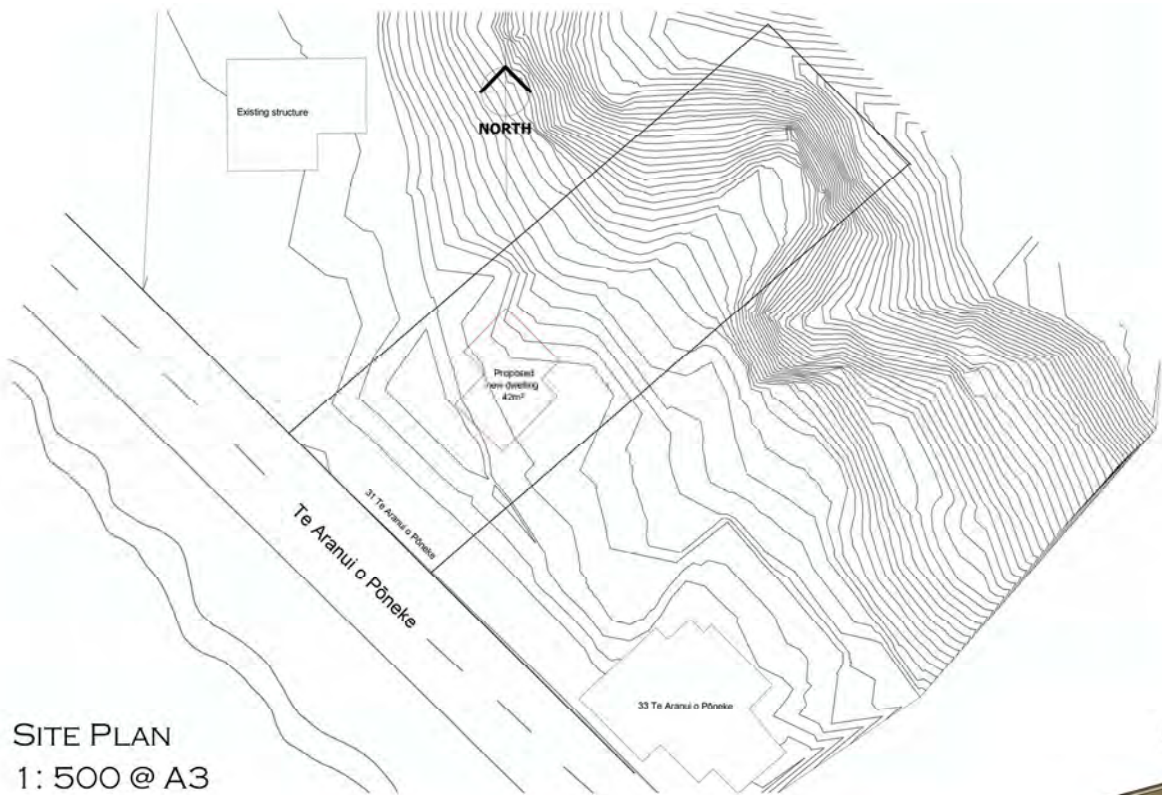
FIRST FLOOR
1: 200 @ A3

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.



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.



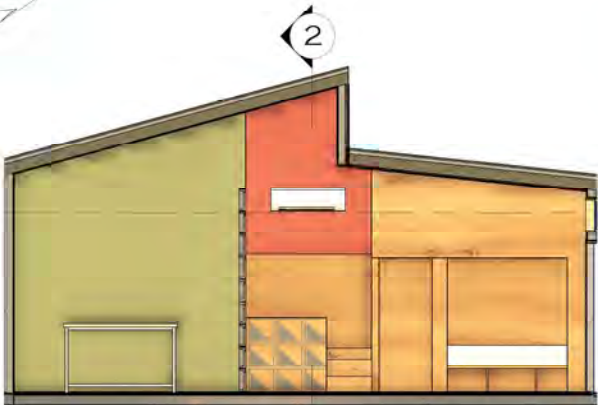
REST
PLYWOOD JOINERY PROVIDES SPACES FOR SLEEPING AND RELAXING. PART OF THE JOINERY CONTAINS THE SAME PATTERN AS THE SCREEN.



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.



SECTION ONE
1: 100 @ A3



SECTION TWO
1: 100 @ A3