



ISSUE:

K

DRAWING:

21009-11

SHEET:

1/20

Proposed Dwelling  
**#1 Painters Parade, Dee Why**  
Icon Job Number: J/0853

**ACCURATE**  
design & drafting

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- Notes:
1. Levels shown are approx. and should be verified on site
  2. Figured dimensions are to be taken in preference to scaling
  3. All measurements are in mm unless otherwise stated
  4. Window sizes are nominal only. Final window sizes by builder
  5. Dimensions are to be verified on site by builder before commencement of work
  6. Centre line of downpipes to be 350mm from corner of face brickwork (unless specified on elevation)
  7. Refer to the builders project specification for inclusions
  8. Construction to be in accordance with the Relevant BCA/NCC and other relevant Australian standards
  9. All service positions, air conditioning droppers, outlets, return air grills, manholes and bulkheads to be determined on site by supervisor
  10. Termite protection to Australian standards
  11. Brick sill to be greater than 18'
  12. Refer to Basix page for energy requirements
  13. 20mm tolerance to be allowed for frames that are built to the low side of the slab
  14. All upstairs windows with a sill height less than 1700mm to have a max opening width of 125mm or fitted with a screen with secure fittings to comply with BCA
  15. Final AJ's to engineers specifications
  16. Plus or minus 200mm to floor level

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THESE NOTES MUST BE READ AND UNDERSTOOD BY ALL INVOLVED IN THE PROJECT.

THIS INCLUDES (but is not limited): OWNER, BUILDER, SUBCONTRACTORS, CONSULTANTS, RENOVATORS, OPERATORS, MAINTAINERS, DEMOLISHERS.

1 FALLS, SLIPS, TRIPS

**a) WORKING AT HEIGHTS DURING CONSTRUCTION**  
Wherever possible, components for this building should be prefabricated off-site or at ground level to minimize the risk of workers falling more than two meters. However, construction of this building will require workers to be working at heights where a fall in excess of two meters is possible and injury is likely to result from such a fall. The builder should provide such a barrier wherever a person is required to work in a situation where falling more than two meters is a possibility.

**DURING OPERATION OR MAINTENANCE**  
For houses or other low-rise buildings when scaffolding is appropriate:  
Cleaning and maintenance of windows, walls, roof or other components of this building will require persons to be situated where a fall from a height in excess of two meters is possible. Where this type of activity is required scaffolding, ladders or trestles should be used in accordance with relevant codes of practice, regulations or legislation.  
Cleaning and maintenance of windows, walls, roof or other components of this building will require persons to be in situations where a fall from a height in excess of two meters is possible. Where this type of activity is required, scaffolding fall barriers or Personal Protective Equipment (PPE) should be used in accordance with relevant codes of practice, regulations or legislations.

**b) SLIPPERY OR UNEVEN SURFACES FLOOR FINISHES Specified**  
If finishes have been specified by the designer these have been selected to minimize the risk of floors and paved areas becoming slippery when wet or when walked on with wet shoes/feet. Any changes to The specified finished should be made in consultation with the designer, or if this is not practical, surfaces with an equivalent or better slip resistance should be chosen.  
**FLOOR FINISHES By Owner**  
If a designer has not been involved in the selection of surface finishes in the pedestrian trafficable areas of this building then surfaces should be selected in accordance with AS HB 197:1999 and AS/NZ 4586:2004.

**STEPS, LOOSE OBJECTS AND UNEVEN SURFACES**  
Due to design restrictions for building, steps and/or ramps are included in the building which may be a hazard to workers carrying objects or otherwise occupied. Steps should be clearly marked with both visual and tactile warning during construction, maintenance, demolition and at all times when the building operates as a workplace.  
Building owners and occupiers should monitor the pedestrian access ways and in particular access to areas where maintenance is routinely carried out to ensure that surfaces have not moved or cracked so that they become a trip hazard. Spills, loose material, stray objects or any other matter that may cause a slip or trip hazard should be cleaned or removed from assess ways. Contractors should be required to maintain a tidy work site during construction, maintenance or demolition to reduce the risk of trips and falls in the workplace. Materials for construction or maintenance should be stored in designated areas away from access ways and work areas.

2. FALLING OBJECTS

**LOOSE MATERIALS OR SMALL OBJECTS**  
Construction, maintenance or demolition work on or around this building is likely to involve persons working above ground level or above floor levels. Where this occurs one or more of the following measures should be taken to avoid objects falling from the area where the works is being carried out onto persons below.  
1. Prevent or restrict access to areas below where the works is being carried out.  
2. Provide tie boards to scaffolding or work platforms.  
3. Provide protective structure below the work area.  
4. Ensure that all persons below the work area have Personal Protective Equipment (PPE)

**BUILDING COMPONENTS**  
During construction, renovation or demolition of this building, parts of the structure including fabricated steelwork, heavy panels and many other components will remain standing prior to or after the support parts are in place. Contractors should ensure that temporary bracing or other required support is in place at all times to avoid a collapse, which may injure persons in the area.

Mechanical lifting of materials and components during construction, maintenance or demolition presents a risk of falling objects. Contractors should ensure that appropriate lifting devices are used, that loads are properly secured and that access to areas below the load is prevented or restricted.

3. TRAFFIC MANAGEMENT

**For building on a major, narrow or steeply sloping road:**  
Parking of vehicles or loading/unloading of vehicles on this roadway may cause a traffic hazard. During construction, maintenance or demolition of this building designated parking for workers and loading areas should be provided. Trained traffic management personnel should be responsible for the supervision of these areas.  
**For building where on-site loading/unloading is restricted:**  
Construction of this building will require loading and unloading of materials on the roadway. Deliveries should be planned to avoid congestion of loading areas and trained traffic management personnel should be used to supervise loading/unloading areas.  
**For all building:**  
Busy construction and demolition sites present a risk of collision where deliveries and other traffic are moving within the site. A traffic management plan supervised by trained traffic management personnel should be adopted for the work site.

4. SERVICES

**GENERAL**  
Rapture of services during excavation or other activity creates a variety of risks including release of hazardous materials. Existing services are located on or around the site. Where known, these are identified on the plans but the exact location and extent of services may vary from that indicated. Services should be located using an appropriate service (such as Dial Before You Dig), appropriate excavation practice should be used and, where necessary, specialist contractors should be used.  
**Locations with underground power lines:**  
Underground power lines MAY be located near or on this site. These pose a risk of electrocution if struck or approached by lifting devices or other plant and persons working above ground level. Where there is a danger of this occurring power lines should be, where practical, disconnected or relocated. Where this is not practical adequate warning in the form of bright coloured tape or signage should be used or a protective barrier provided.

5. MANUAL TASKS

Components within this design with a mass in excess of 25kg should be lifted by two or more workers or by a mechanical lifting device. Where this is not practical, suppliers or fabricators should be required to limit the component mass. All material packaging, building and maintenance components should clearly show the total mass of packages and where practical all items should be sorted on site in a way which minimizes bending before lifting. Advice should be provided about unsafe lifting methods in areas where lifting may occur. Construction, maintenance and demolition of this building will require the use of portable tools and equipment. These should be fully maintained in accordance with manufacturers specifications and not used when faulty or (in the case of electrical equipment) not carrying a current electrical safety tag. All safety guards or devices should be regularly checked and Personal Protective Equipment should be used in an accordance with the manufacturer's specification.

6. HAZARDOUS SUBSTANCES

**ASBESTOS**  
For alterations to a building constructed prior to: 1990 - It therefore may contain asbestos 1986 - It therefore is likely to contain asbestos  
Either in cladding material or in fire retardant insulation material. In either case, the builder should check and, if necessary, take appropriate action before demolishing, cutting, sanding drilling or otherwise disturbing the existing structure.

**POWDERED MATERIALS**  
Many materials used in the construction of this building can cause harm if inhaled in a powder form. Persons working on or in the building during construction, operational maintenance or demolition should ensure food ventilation and wear Personal Protective Equipment including protection against inhalation while using powdered material or when sanding, drilling, cutting or otherwise disturbing or creating powdered material.

**TREATED TIMBER**  
The design of this building may include provision for the inclusion of treated timber within the structure. Dust or fumes from this material can be harmful. Persons working on or in the building during construction, operational maintenance or demolition should ensure good ventilation and wear Personal Protective Equipment including protection against inhalation of harmful materials when sanding, drilling, cutting or using treated timber in any way that may cause harmful material to be released. Do not burn treated timber.

**VOLATILE ORGANIC COMPOUNDS**  
Many types of glue, solvents, spray back, paints, varnishes, and some cleaning materials and disinfectants have dangerous emissions. Areas where these are used should be kept well ventilated while the material is being used and for a period after installation. Personal Protective Equipment may also be required. The manufacturer's recommendations for use must be carefully considered at all times.

**SYNTHETIC MINERAL FIBRE**  
Fibreglass, Rockwell, ceramics and other material used for thermal or sound insulation may contain synthetic mineral fiber which may be harmful if inhaled or if it comes in contact with the skin, eyes or other sensitive parts of the body. Personal Protective Equipment including protection against inhalation of harmful materials should be used when installing, removing or working near bulk insulation material.

**TIMBER FLOORS**  
This building may contain timber floors which have an applied finish. Areas where finishes are applied should be kept well ventilated during sanding and application and for a period after installation. Personal Protective Equipment may also be required. The manufacturer's recommendation for use must be carefully considered at all times.

7. CONFINED SPACES

**EXCAVATIONS**  
Construction of this building and some maintenance of the building will require excavation and installation of items within excavation. Where practical, installation should be carried out using methods which do not require workers to enter the excavations. Where this is not practical, adequate support for the excavated area should be provided to prevent a collapse. Warning signs and barriers to prevent accidental or unauthorized access to all excavations should be provided.

**ENCLOSED SPACES**  
For buildings with enclosed spaces where maintenance or other access may be required:  
Enclosed spaces within this building may be present a risk to persons entering for construction, maintenance or any other purpose. The design documentation calls for warning signs and barriers to unauthorized access. These should be maintained throughout the life of the building. Where workers are required to enter enclosed spaces, air testing equipment and Personal Protective Equipment should be provided.

**SMALL SPACES**  
For buildings with small spaces where maintenance or other access may be required:  
some small spaces within this building will require access by construction or maintenance workers. The design documentation calls for warning signs and barriers to unauthorized access. These should be maintained throughout the life of the building. Where workers are required to enter small spaces they should be scheduled so that access is for short periods. Manual lifting and other manual activity should be restricted in small spaces.

8. PUBLIC ACCESS

Public access to construction and demolition sites and to areas under maintenance causes risk to workers and public. Warning signs and secure barriers to unauthorized access should be provided. Where electrical installations, excavations, plant or loose materials are present they should be secure when not gully supervised.

9. OPERATIONAL USE OF BUILDING RESIDENTIAL BUILDINGS

This building has been designed as a residential building. If it, at a later date, is used or intended to be used as a workplace, the provisions of the Work Health and Safety Act 2011 or subsequent replacement Act should be applied to the new use.

10. OTHER HIGH RISK ACTIVITY

All electrical work should be carried out in accordance with the Code of Practice: Managing Electrical Risks at the Workplace, AS/NZ 3012 and all licensing requirements.  
All work using Plant should be carried out in accordance with the Code of Practice: Managing Risks of Plant at the Workplace.  
All work should be carried out in accordance with the Code of Practice: Managing Noise and Preventing Hearing Loss at Work. Due to the history of serious incidents it is recommended that particular care be exercised when undertaking work involving steel construction and concrete placement

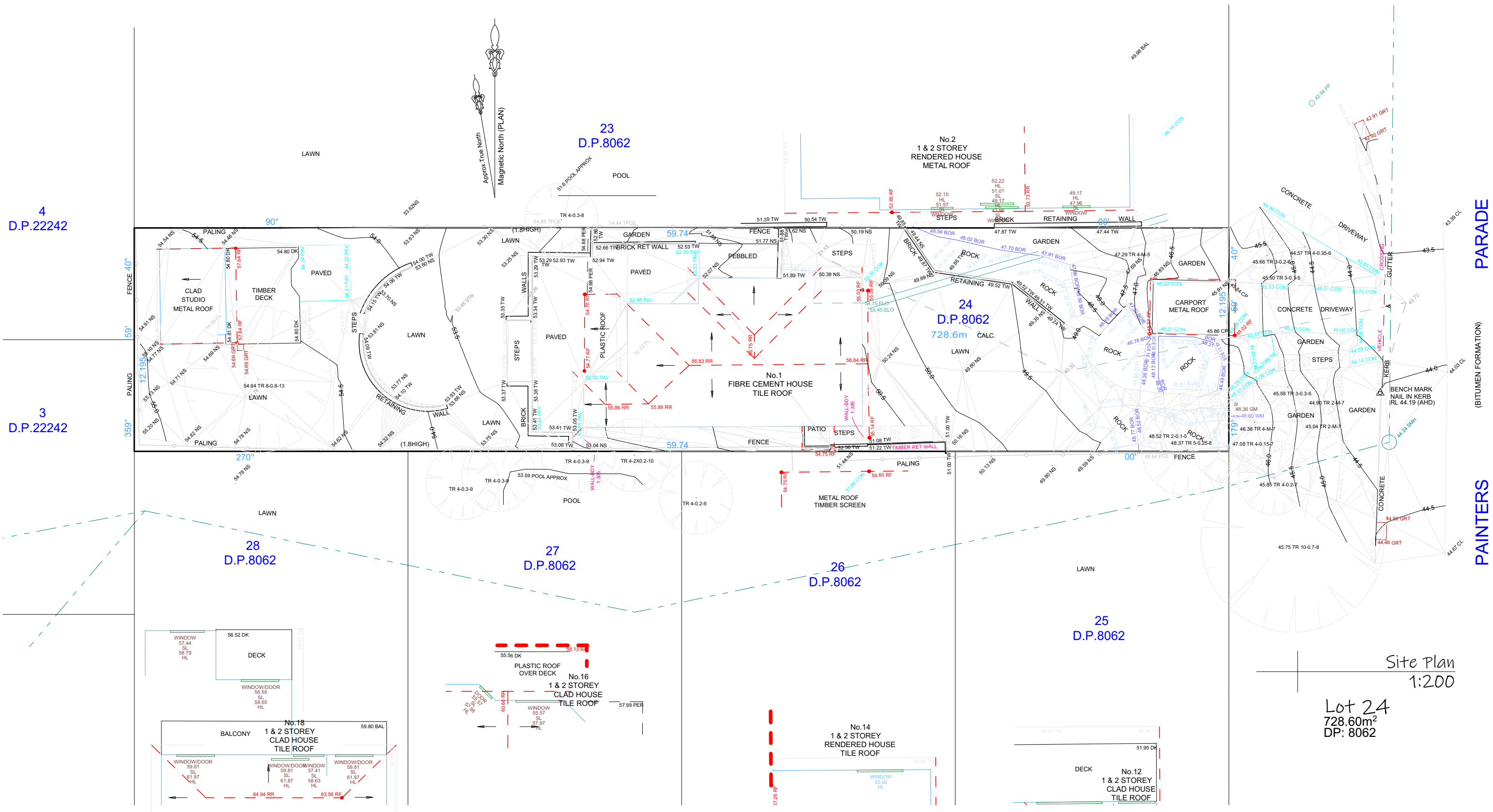
| Amendments |                                       |          |                                    |                |
|------------|---------------------------------------|----------|------------------------------------|----------------|
| Issue      | Changes                               | Date     | Signed/Requested<br>Date Requested | Drawing Number |
| A          | Preliminary Concept                   | 29-01-21 | SG BS                              | 21009          |
| B          | Amended Concept                       | 1-2-21   | BS                                 | 21009-1        |
| C          | Amended Concept                       | 10-02-21 | S.G.                               | 21009-2        |
| D          | Amended Concept as per client mark up | 17-05-21 | S.G.                               | 21009-3        |
| E          | Preliminary Plans                     | 02-07-21 | S.G.                               | 21009-4        |
| F          | Estimating Mark ups                   | 06-07-21 | S.G.                               | 21009-5        |
| G          | Submission Plans                      | 29-07-21 | AL                                 | 21009-6        |
| H          | Submission Plans - note               | 30-07-21 | SG                                 | 21009-8        |
| I          | Planning Notes                        | 19-8-21  | BS                                 | 21009-9        |
| J          | BASIX Updated                         | 20-8-21  | AL                                 | 21009-10       |
| K          | Submission Plans                      | 17-09-21 | SG                                 | 21009-11       |
|            |                                       |          |                                    |                |
|            |                                       |          |                                    |                |
|            |                                       |          |                                    |                |
|            |                                       |          |                                    |                |
|            |                                       |          |                                    |                |
|            |                                       |          |                                    |                |

| Sheet Number | Sheet Name                  |
|--------------|-----------------------------|
| 01           | Perspective View            |
| 02           | Cover Page                  |
| 03           | Existing Site Plan          |
| 04           | Demolition Site Plan        |
| 05           | Proposed Site Plan          |
| 06           | Landscape Plan              |
| 07           | Shadow Diagrams 21st June   |
| 08           | Shadow Diagrams 21st June   |
| 09           | Shadow Diagrams 21st June   |
| 10           | Lower Floor Plan            |
| 11           | Ground Floor Plan           |
| 12           | Upper Floor Plan            |
| 13           | Front & Rear Elevations     |
| 14           | Side Elevations             |
| 15           | Section & Details           |
| 16           | Electrical Plan             |
| 17           | Upper Floor Electrical Plan |
| 18           | Slab Detail                 |
| 19           | Wet Area Details            |
| 20           | Basix                       |

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SHEET: 2/20

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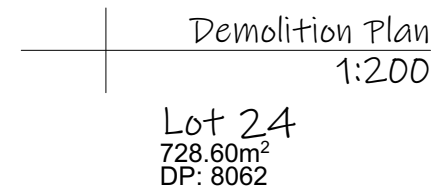


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DATE: 17-09-21  
PAPER: A3  
LOT: 24  
DP: 8062

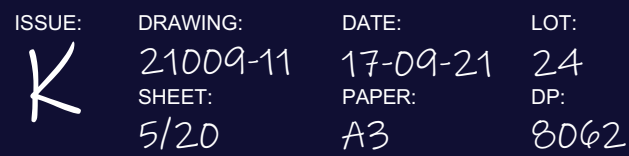
note: all works to be carried out in conjunction with the construction notes on sheet 2

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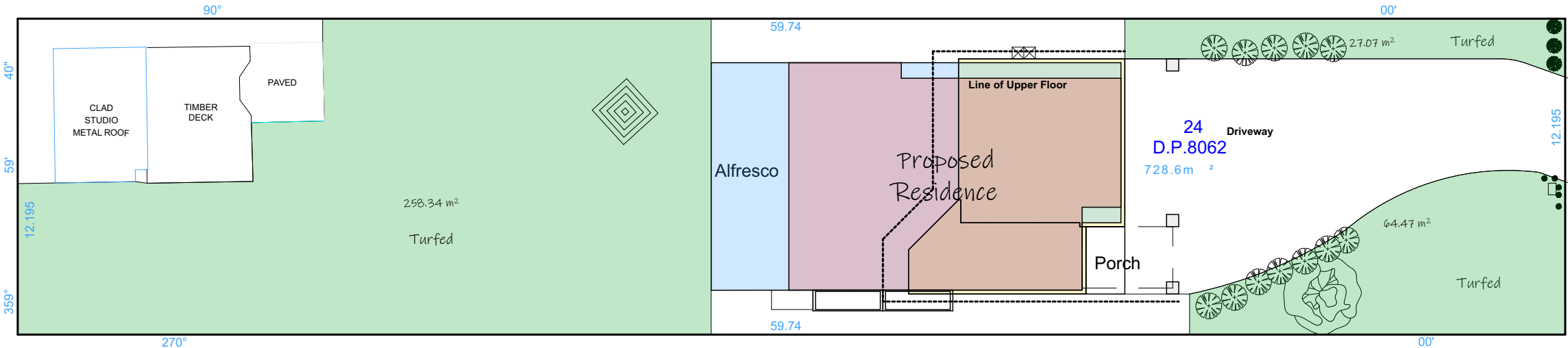




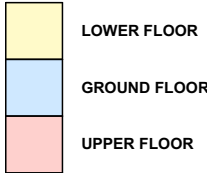


| Key | Species           | Dimensions  | Container | Quantity |
|-----|-------------------|-------------|-----------|----------|
|     | Corodyle          | 1.2m x 1.2m | 200mm     | 12       |
|     | Fraxinus Oxycarpa | 12m x 6m    | 100ltr    | 1        |
|     | Buxus Microphylla | 0.3m x 0.4m | 200mm     | 5        |
|     | Convolvulus       | 0.5m x 1m   | 200mm     | 3        |

NOTES:  
\* All plants to be planted in premium garden mix and slow release fertilizer  
\* Gardens to be mulched with Eucalyptus Mulch  
\* Plants are to be maintained for 6 months or until established  
\* Any losses are to be replaced



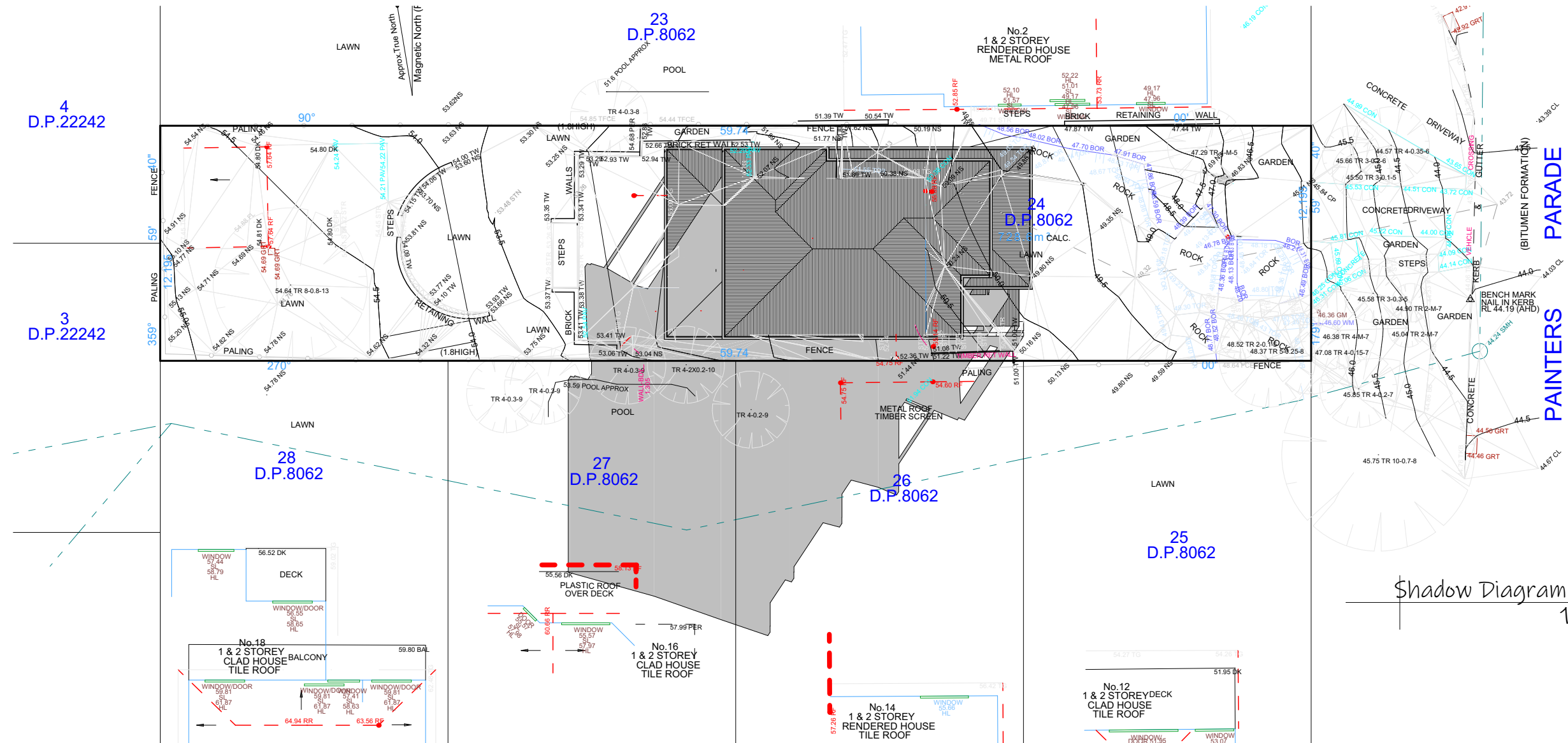
LANDSCAPED AREA:  
349.88sqm - 48.02%



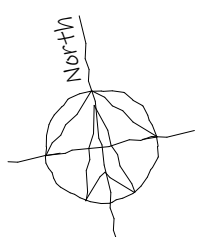
Landscape Plan  
1:200

Lot 24  
728.60m<sup>2</sup>  
DP: 8062

PARADE  
PAINTERS



Shadow Diagram 9am  
1:250



Lot 24  
728.60m<sup>2</sup>  
DP: 8062

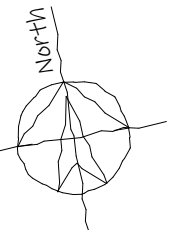
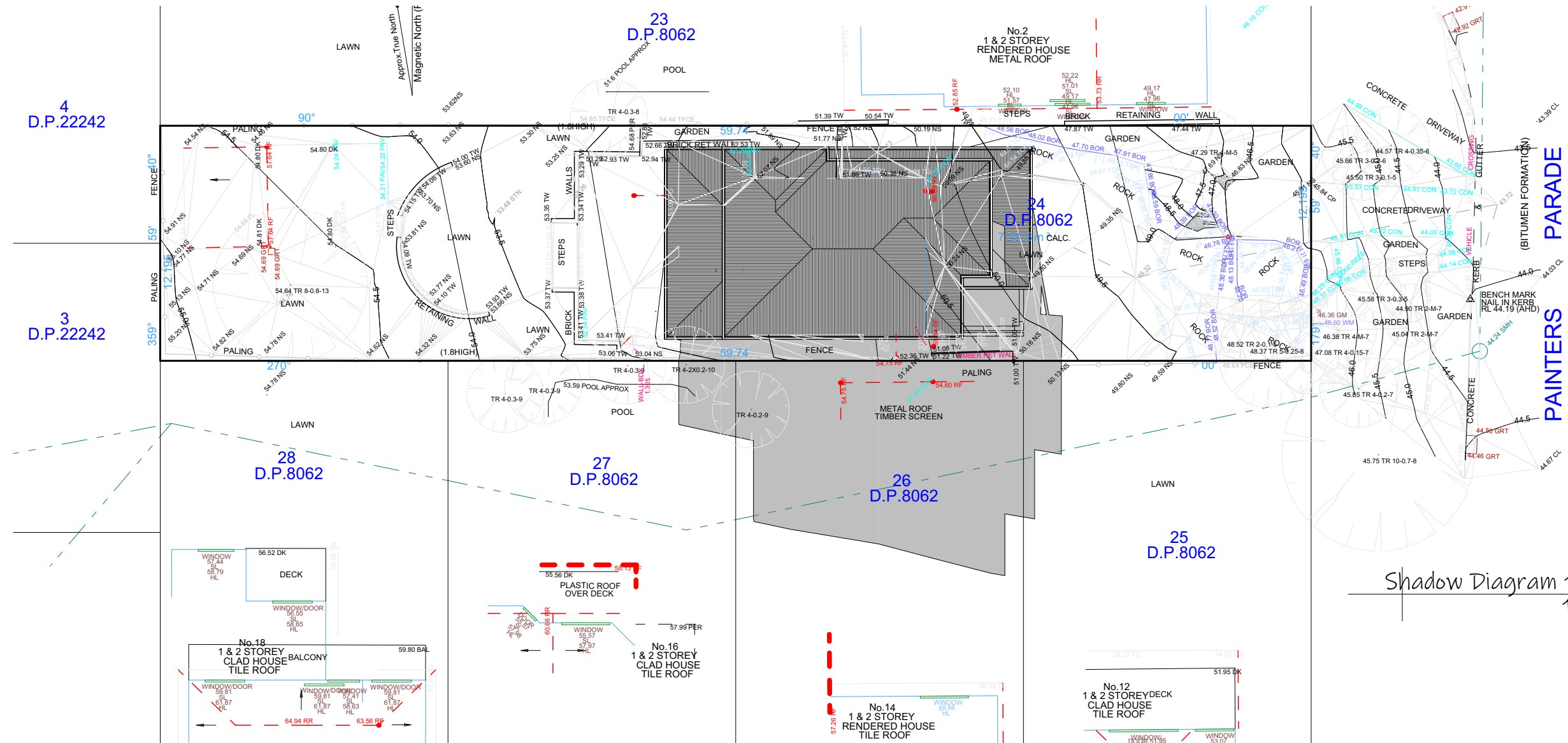
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Lot 24  
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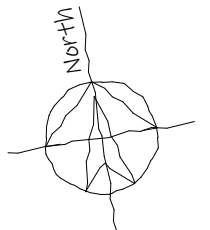
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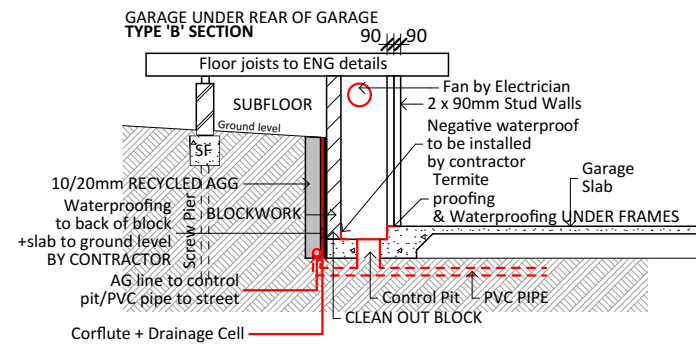
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Lot 24  
728.60m<sup>2</sup>  
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|        |          |          |      |
|--------|----------|----------|------|
| ISSUE: | DRAWING: | DATE:    | LOT: |
| K      | 21009-11 | 17-09-21 | 24   |
|        | SHEET:   | PAPER:   | DP:  |
|        | 10/20    | A3       | 8062 |

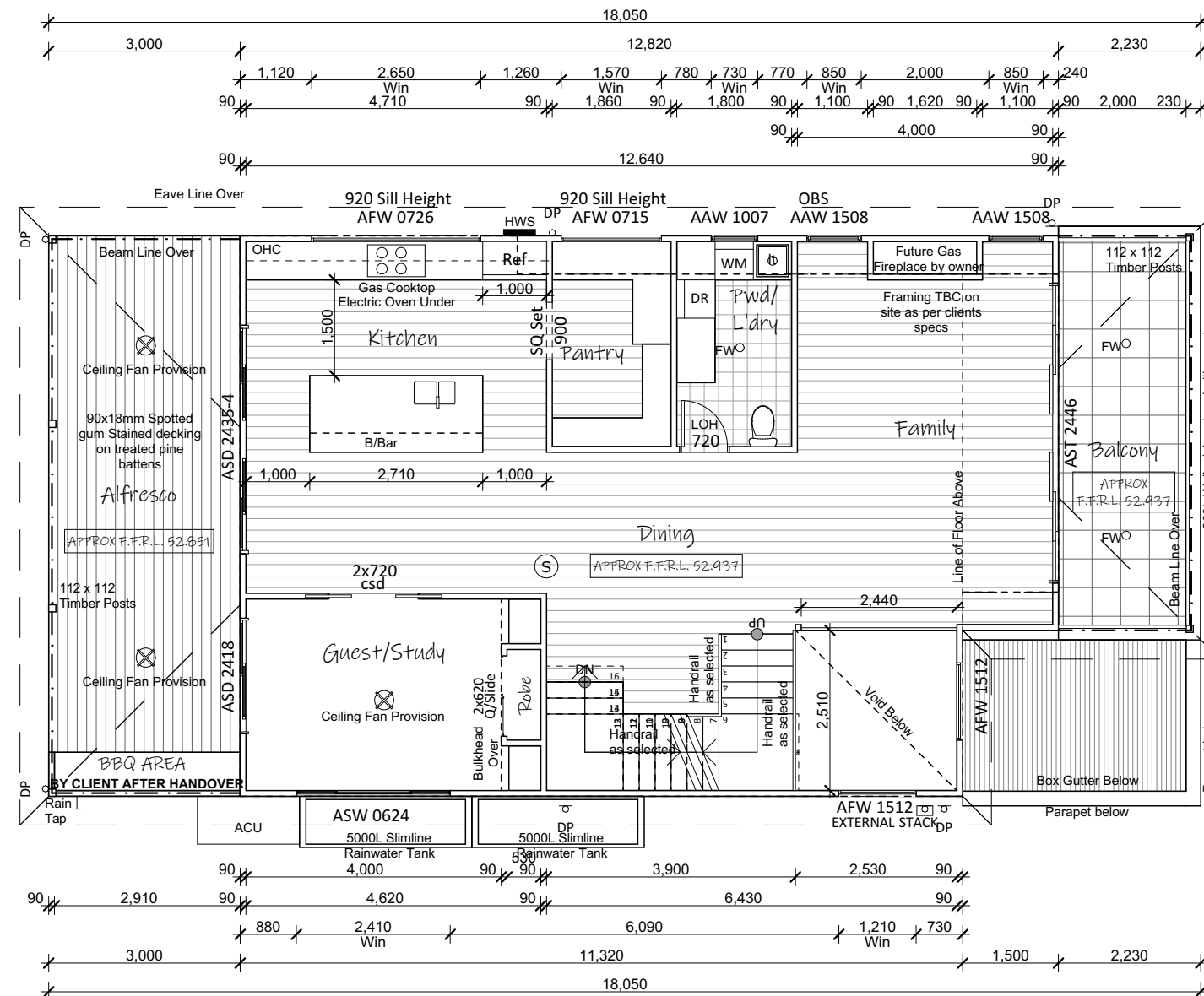




## Masonry Construction Glass Handrail

Note:

1. Location of angle to be marked by supervisor
2. 50mm overflow required
3. Minimum of two floor wastes



Upper Floor Plan  
1:100

### Cladding Construction Glass Handrail

Labels in the diagram include:

- Glass Balustrade
- Spigots for glass are screwed to hob screws are sealed
- 140x45 #3
- 2x90x45 #3
- Cladding
- Paintable
- Sliding over the bracket
- 5x150 Balcony Joists
- Aquacheck Flooring
- Tiles
- Tile to return up the face of the hob
- Sliding Door Track
- 10mm upstand to angle
- Fibro
- Internal wall Frame
- Waterproofing Membrane
- Balcony Joists

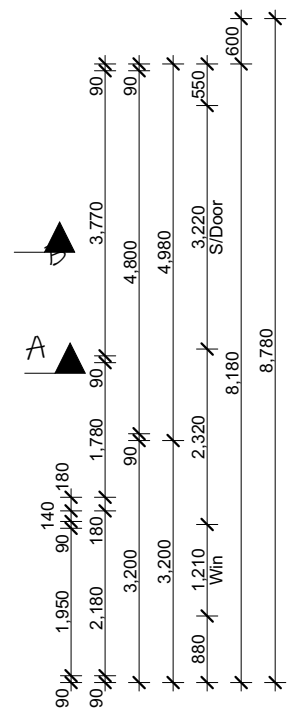
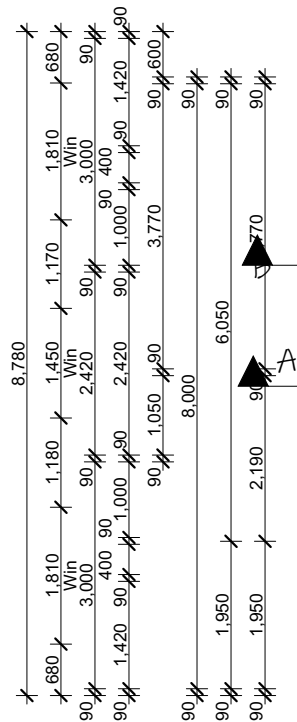


Diagram illustrating a sequence of numbers and their relationships:

- Row 1: 3,070, 4,130, 3,760
- Row 2: 4,620, 2,580, 1,230
- Row 3: 4,000, 530, 3,900, 2,440
- Row 4: 5,425, 2,650, 3,245
- Row 5: 11,320, 1,500
- Row 6: 12,820

Arrows indicate connections between numbers in adjacent rows:

- From 3,070 to 4,620
- From 4,130 to 2,580
- From 3,760 to 1,230
- From 4,620 to 4,000
- From 2,580 to 530
- From 1,230 to 3,900
- From 4,000 to 5,425
- From 530 to 2,650
- From 3,900 to 3,245
- From 5,425 to 11,320
- From 2,650 to 1,500
- From 3,245 to 1,500
- From 11,320 to 12,820
- From 1,500 to 12,820

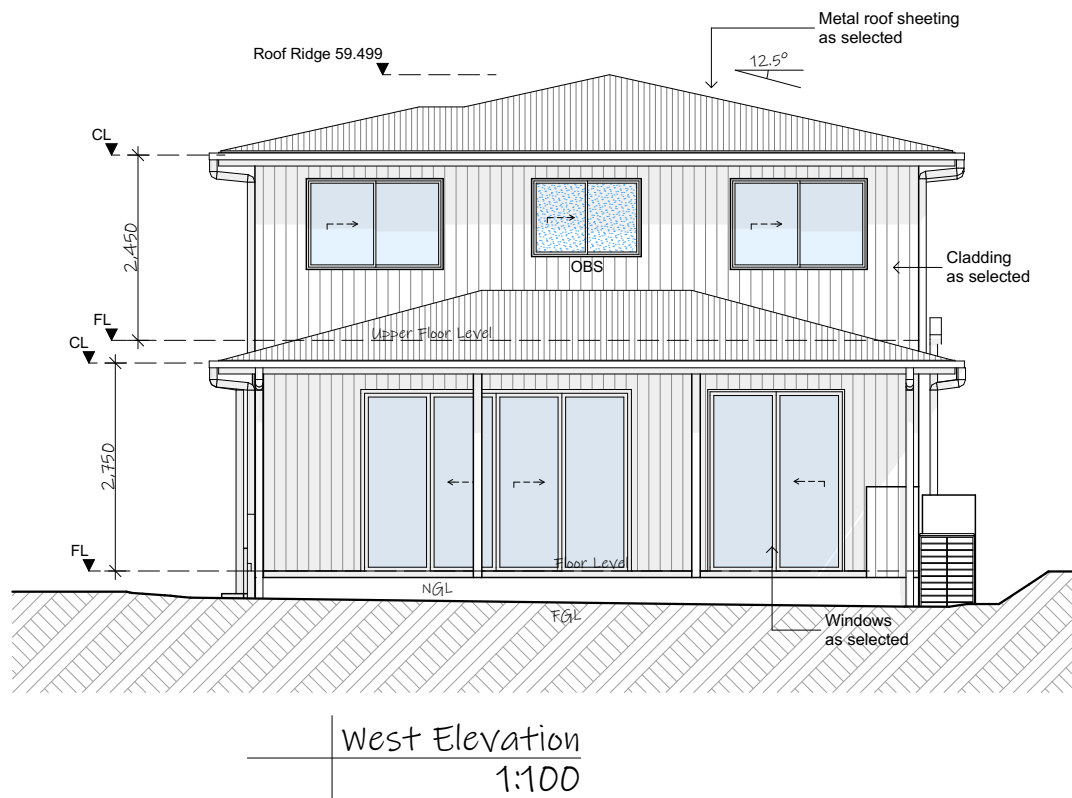
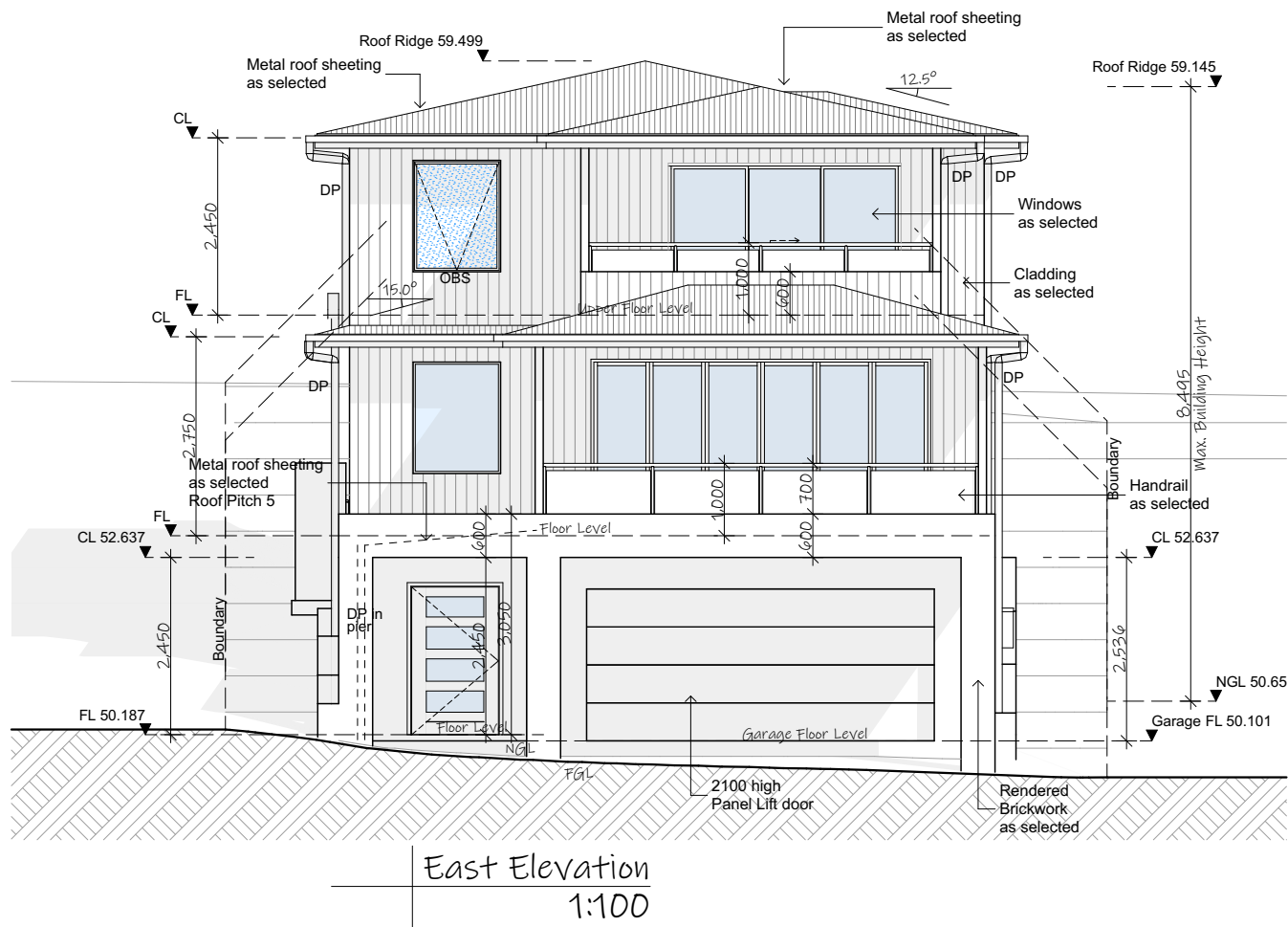
The word "Win" is written below the number 2,650.

Legend:

|                             |                           |
|-----------------------------|---------------------------|
| ACU - Air Conditioning Unit | OBS - Obscure             |
| AJ - Articulation Joint     | OHC - Over Head Cupboard  |
| B/Bar - Breakfast Bar       | P - Pantry                |
| DP - Downpipe               | R - Robe                  |
| DW - Dishwasher             | RHS - Rolled Hollow Steel |
| Ens - Ensuite               | S - Smoke Alarm           |
| F/P - Fire Place            | Shr - Shower              |
| FW - Floor Waste            | TR - Towel Rail           |
| HWS - Hot Water System      | Van - Vanity              |
| L - Linen                   | w.i.l. - Walk in Linen    |
| LC - Laundry Chute          | w.i.r. - Walk in Robe     |
| LOH - Lift off Hinge        | w.i.p. - Walk in Pantry   |
| LT - Laundry Tub            | w.c. - Wash Closet        |
| MH - Manhole                | WM - Washing Machine      |
| MW - Microwave Oven         |                           |



Legend:  
ACU - Air Conditioning Unit  
AJ - Articulation Joint  
CL - Ceiling Level  
FGL - Finish Ground Line  
FL - Floor Level  
HWS - Hot Water System  
NGL - Natural Ground Line  
OBS - Obscure  
DP - Downpipe  
RW - Retaining Wall



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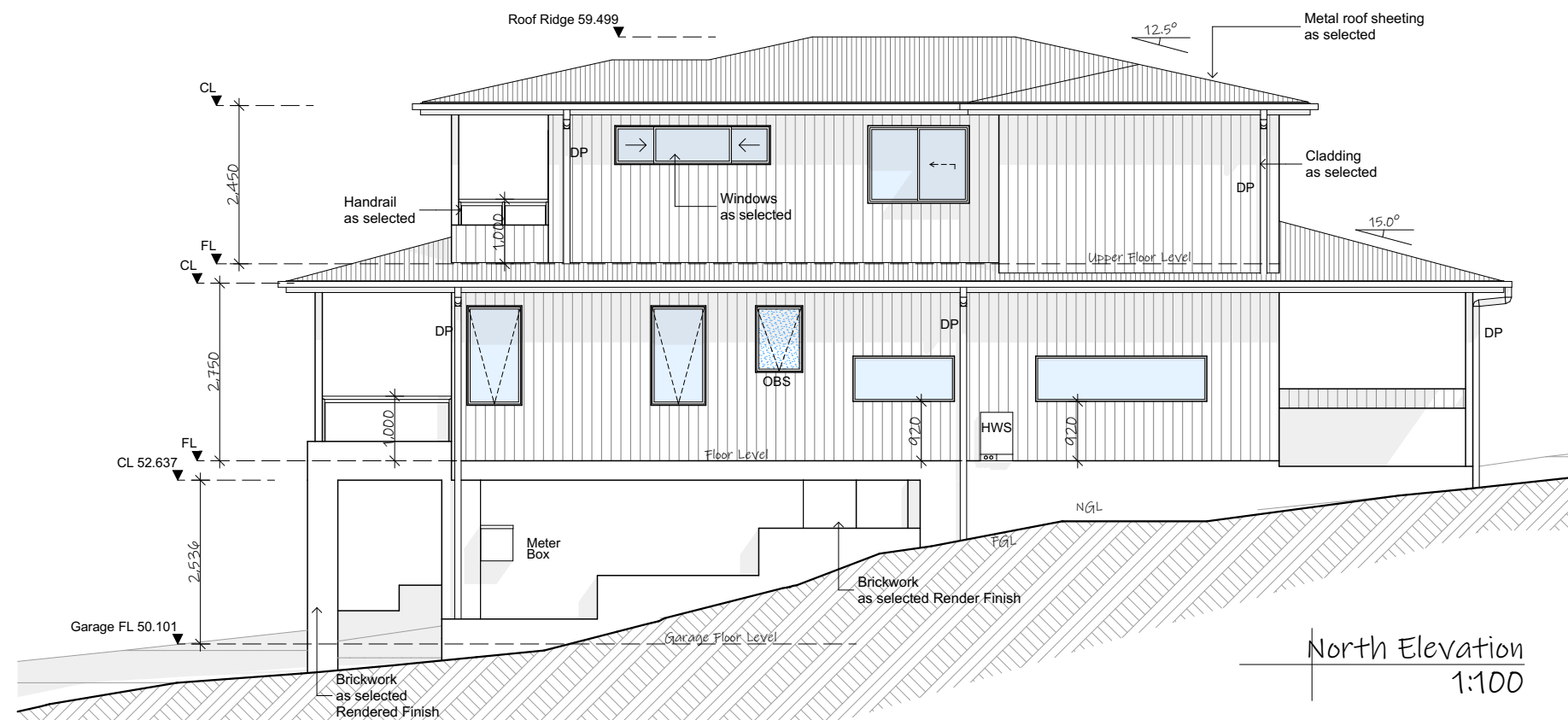
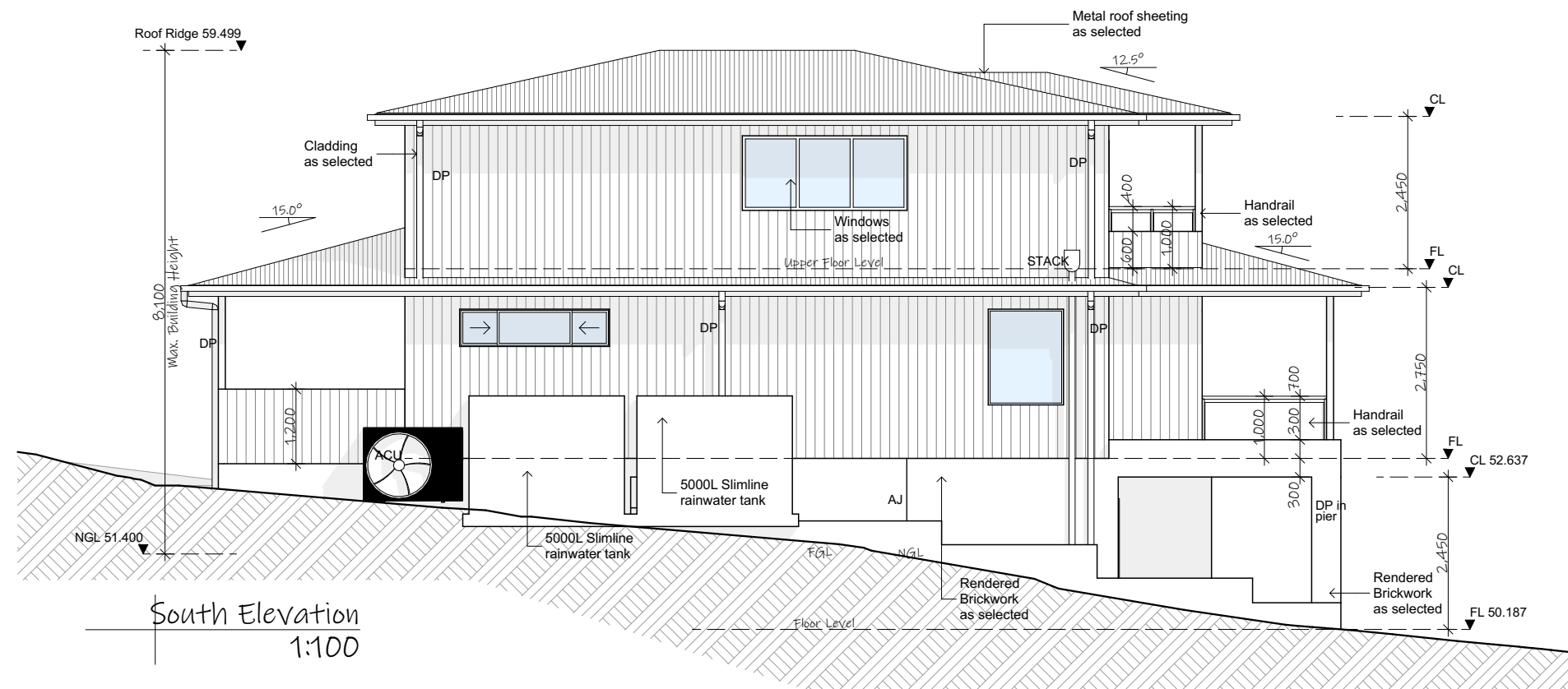
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**Legend:**

ACU - Air Conditioning Unit  
AJ - Articulation Joint  
CL - Ceiling Level  
FGL - Finish Ground Line  
FL - Floor Level  
HWS - Hot Water System  
NGL - Natural Ground Line  
OBS - Obscure  
DP - Downpipe  
RW - Retaining Wall



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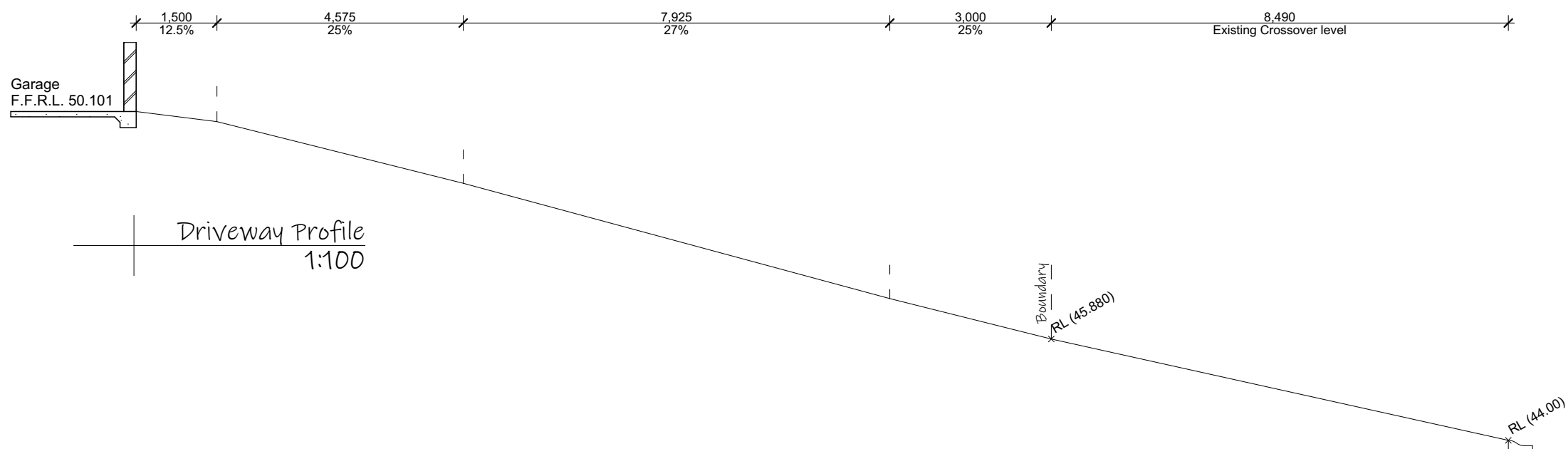
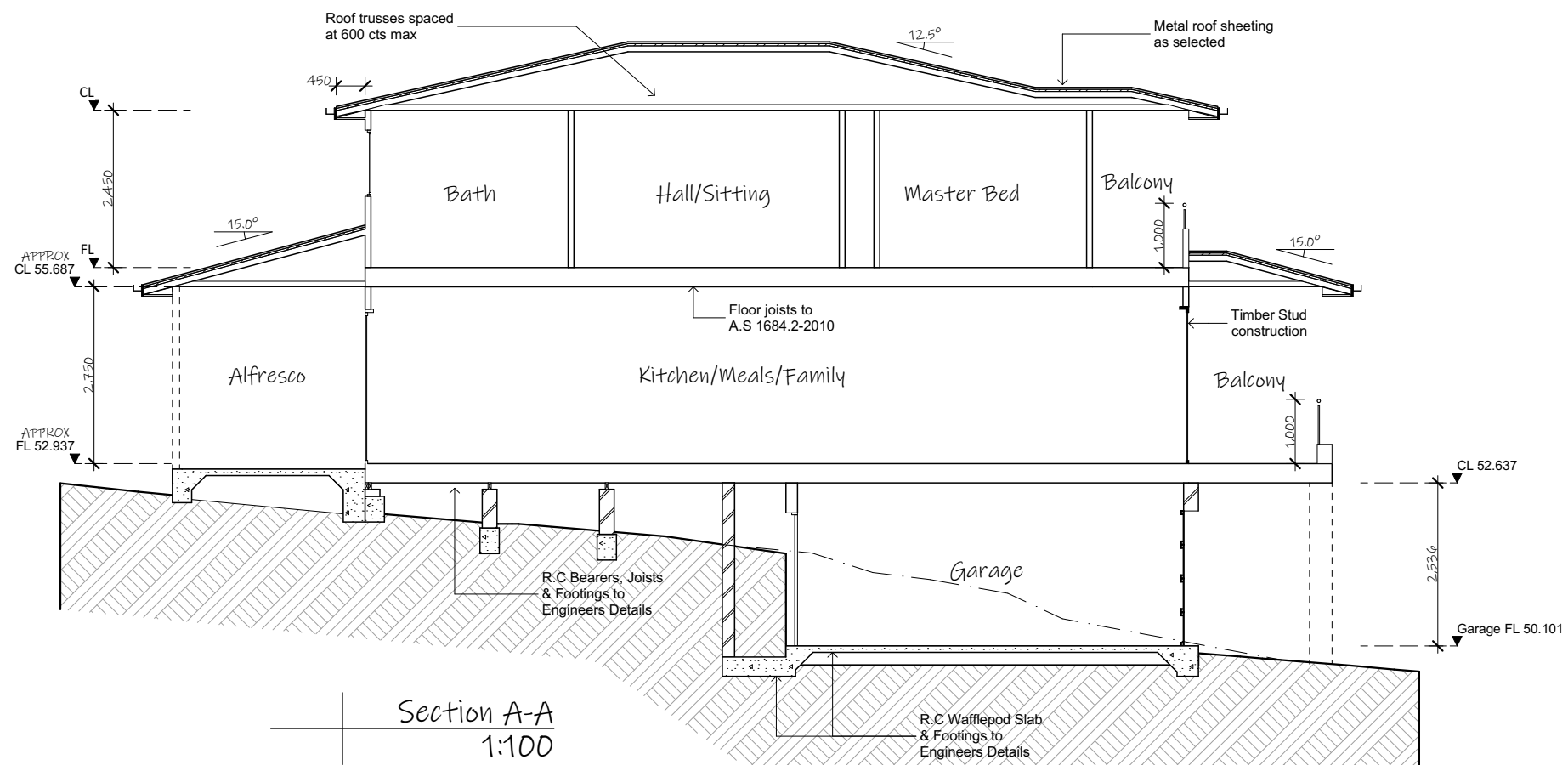
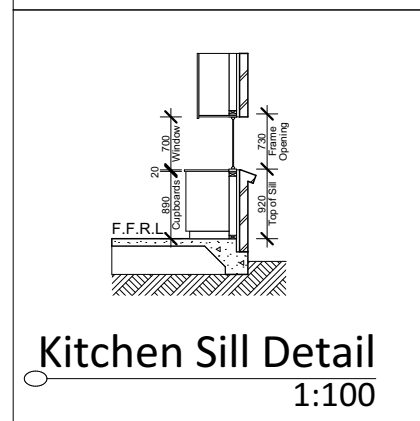
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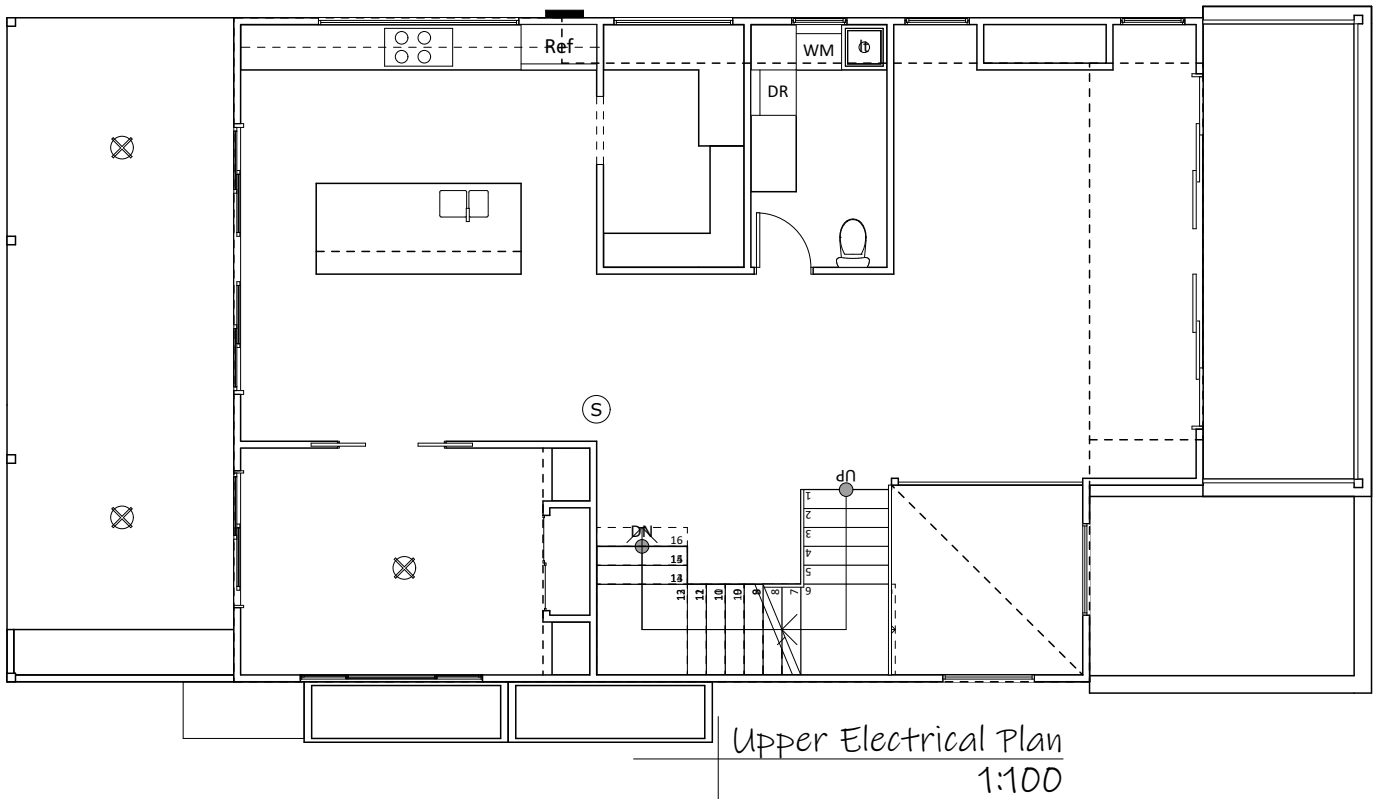
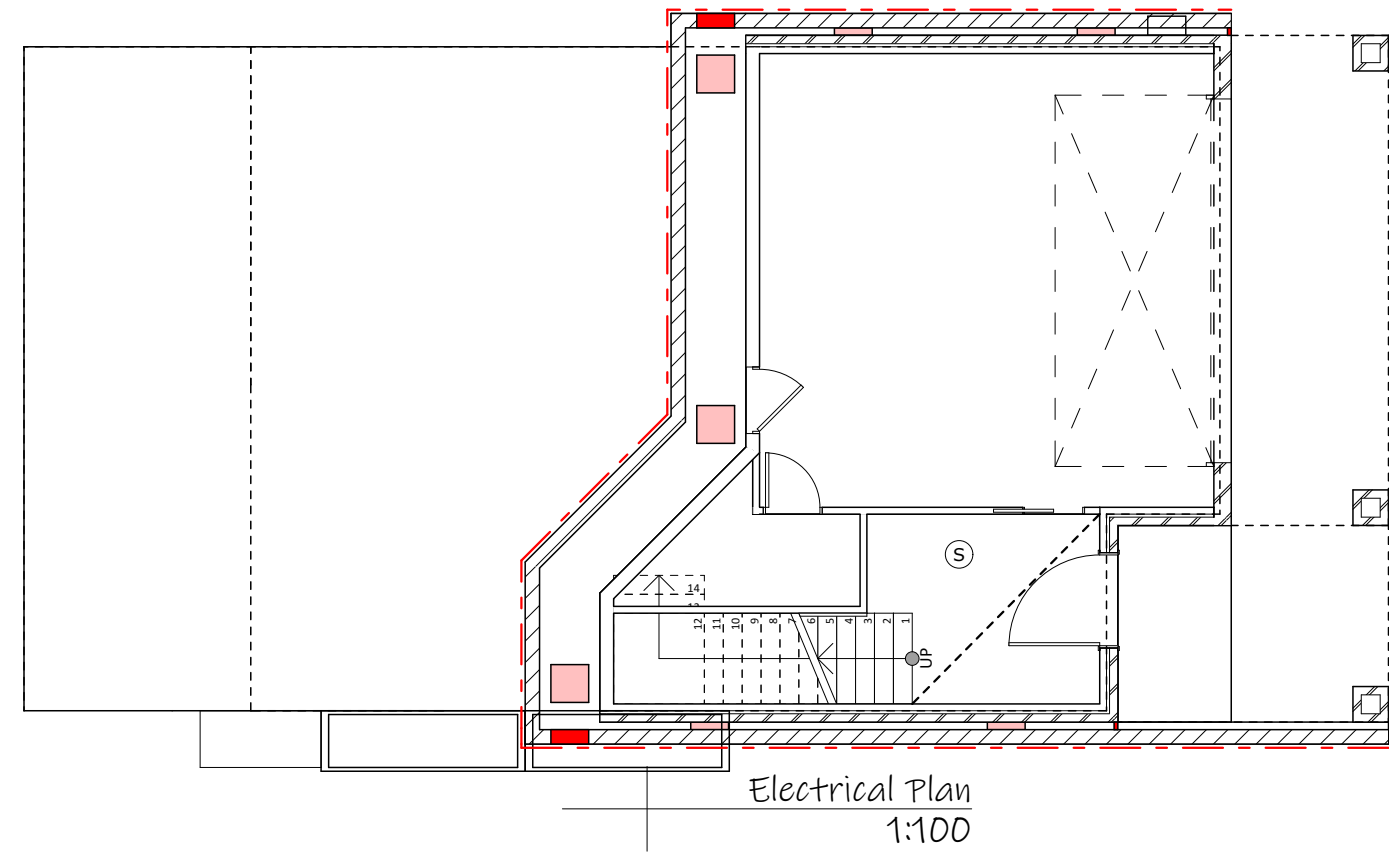
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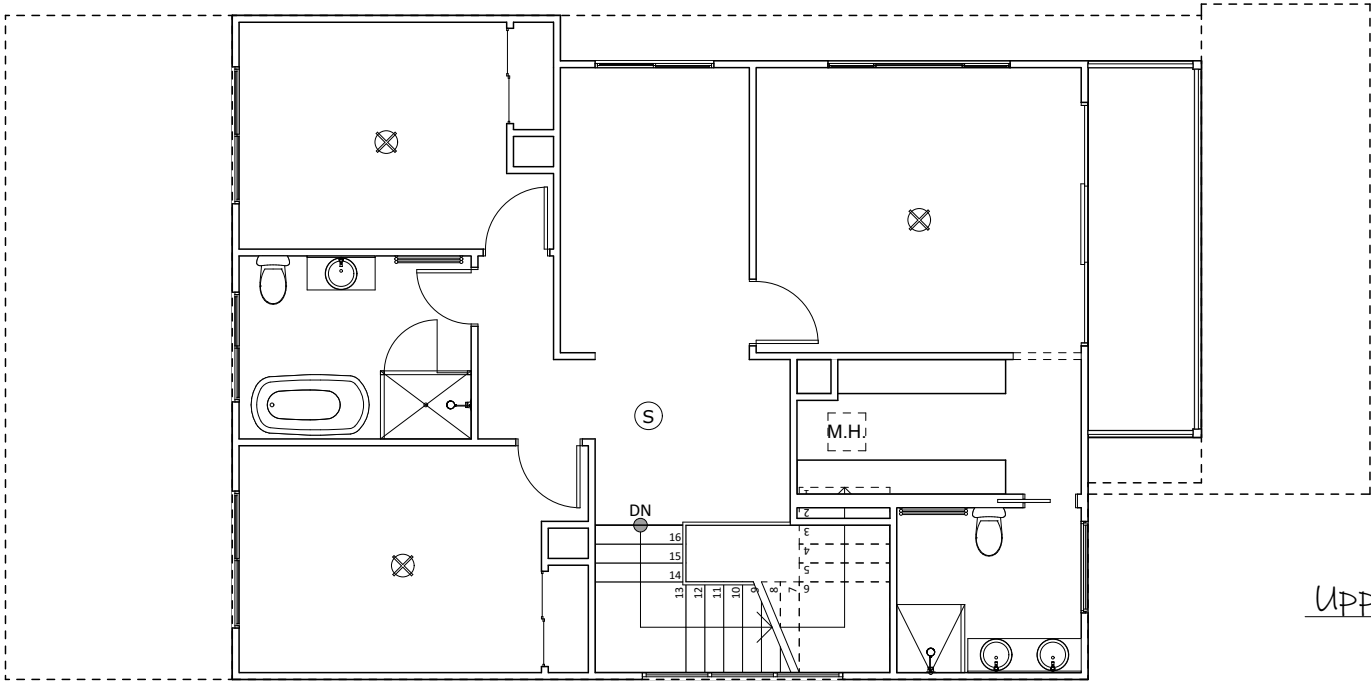


| Description         | Symbol | Qty | Notes | Description       | Symbol | Qty | Notes | Description | Symbol | Qty | Notes |
|---------------------|--------|-----|-------|-------------------|--------|-----|-------|-------------|--------|-----|-------|
| Light Point         | ○      | -   |       | T.V Point         | TV     | -   |       |             |        | -   |       |
| Pendant Light       | ⊗      | -   |       | Exhaust Fan       | ⊗      | -   |       |             |        | -   |       |
| Wall Light Point    | ○—     | -   |       | 2 in 1            | ⊕      | -   |       |             |        | -   |       |
| Downlight           | ●      | -   |       | 3 in 1            | ⊖      | -   |       |             |        | -   |       |
| Spotlight           | ▽      | -   |       | Door Chime        | —      | -   |       |             |        | -   |       |
| Small Up/Down Light | ○—     | -   |       | Smoke Alarm       | Ⓢ      | -   |       |             |        | -   |       |
| 20W Flouro          | —      | -   |       | Ceiling Fan       | ⊗      | -   |       |             |        | -   |       |
| Dimmer Switch       | Ⓢ      | -   |       | Ceiling Fan/Light | ⊗      | -   |       |             |        | -   |       |
| Light Switch        | ●      | -   |       | Sensor Light      | Ⓢ      | -   |       |             |        | -   |       |
| Single G.P.O        | ▲      | -   |       | Phone Point       | PH     | -   |       |             |        | -   |       |
| Double G.P.O        | ▲▲     | -   |       | Gas Point         | GAS    | -   |       |             |        | -   |       |
| Ext. Single G.P.O   | ▲      | -   |       | Data Point        | DATA   | -   |       |             |        | -   |       |
| Ext. Double G.P.O   | ▲▲     | -   |       | Alarm Pad         | AP     | -   |       |             |        | -   |       |



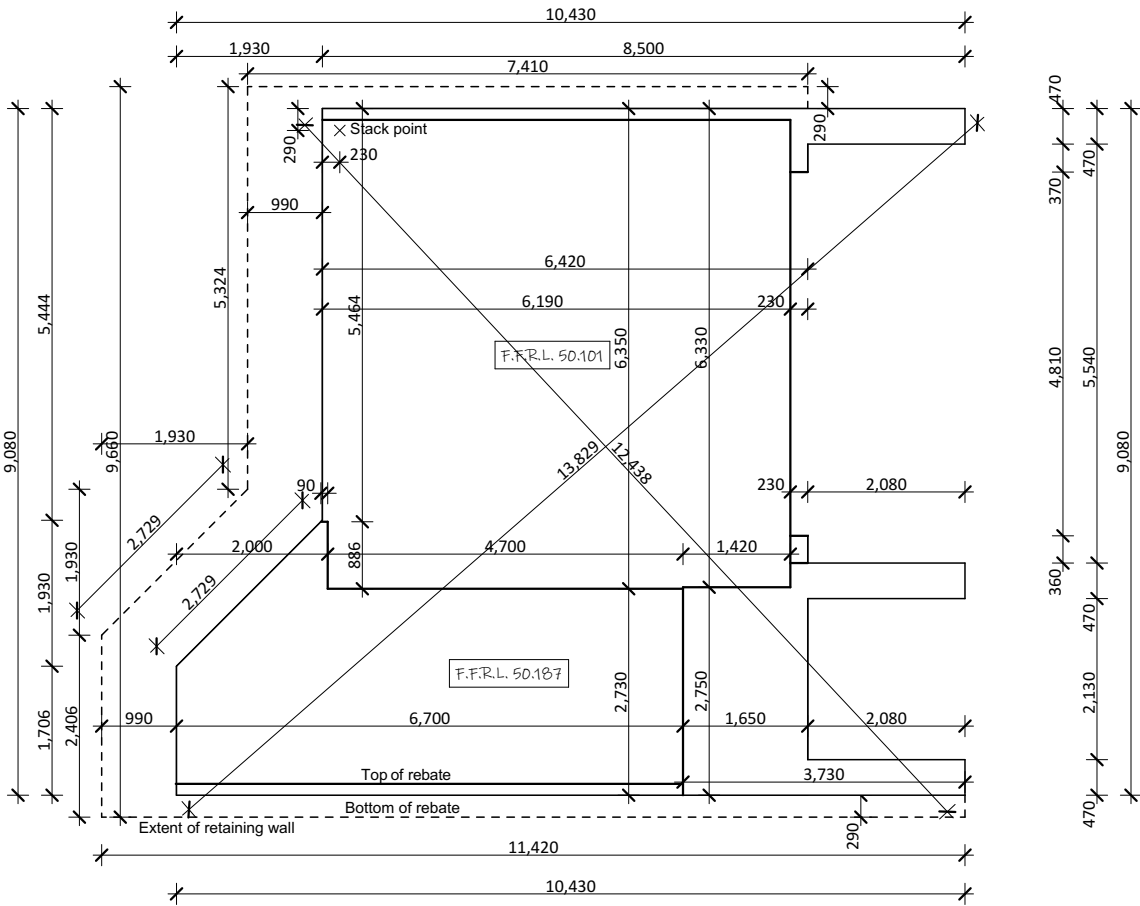


| Description         | Symbol | Qty | Notes | Description       | Symbol | Qty | Notes | Description | Symbol | Qty | Notes |
|---------------------|--------|-----|-------|-------------------|--------|-----|-------|-------------|--------|-----|-------|
| Light Point         | ○      | -   |       | T.V Point         | TV     | -   |       |             |        | -   |       |
| Pendant Light       | ⊗      | -   |       | Exhaust Fan       | ⊗      | -   |       |             |        | -   |       |
| Wall Light Point    | ○—     | -   |       | 2 in 1            | ⊕      | -   |       |             |        | -   |       |
| Downlight           | ●      | -   |       | 3 in 1            | ⊖      | -   |       |             |        | -   |       |
| Spotlight           | ▽      | -   |       | Door Chime        | ⌒      | -   |       |             |        | -   |       |
| Small Up/Down Light | ○—     | -   |       | Smoke Alarm       | Ⓢ      | -   |       |             |        | -   |       |
| 20W Flouro          | ▬      | -   |       | Ceiling Fan       | ⊗      | -   |       |             |        | -   |       |
| Dimmer Switch       | Ⓢ      | -   |       | Ceiling Fan/Light | ⊗      | -   |       |             |        | -   |       |
| Light Switch        | ●      | -   |       | Sensor Light      | Ⓢ      | -   |       |             |        | -   |       |
| Single G.P.O        | ▲      | -   |       | Phone Point       | PH     | -   |       |             |        | -   |       |
| Double G.P.O        | ▲▲     | -   |       | Gas Point         | GAS    | -   |       |             |        | -   |       |
| Ext. Single G.P.O   | ▲      | -   |       | Data Point        | DATA   | -   |       |             |        | -   |       |
| Ext. Double G.P.O   | ▲▲     | -   |       | Alarm Pad         | AP     | -   |       |             |        | -   |       |



Upper Floor Electrical Plan  
1:100

Note:  
Frames built to the low side  
of the slab, allow 20mm tolerance



Slab Detail  
1:100

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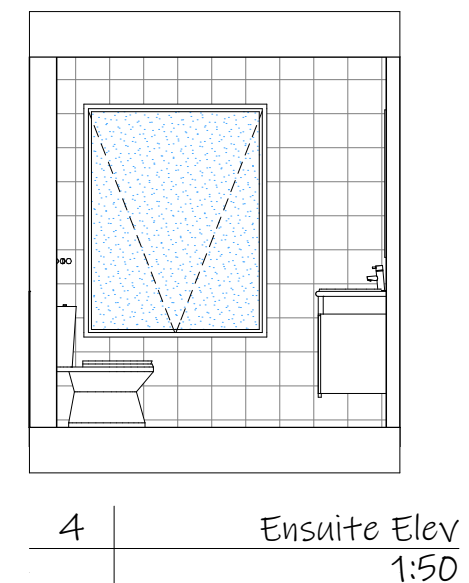
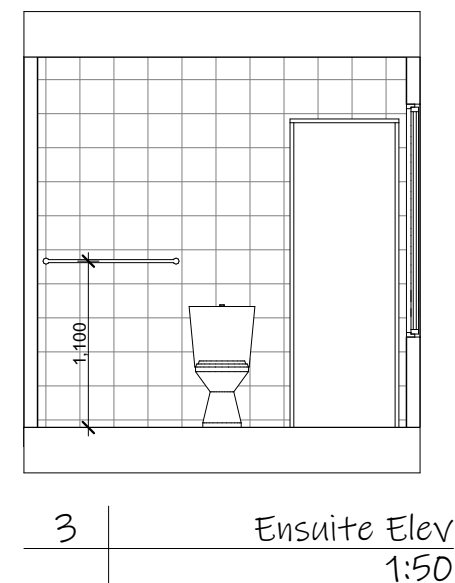
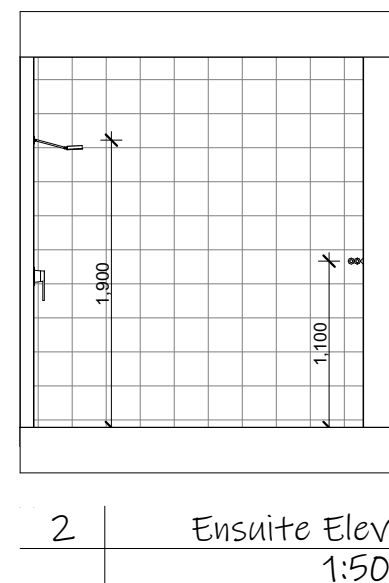
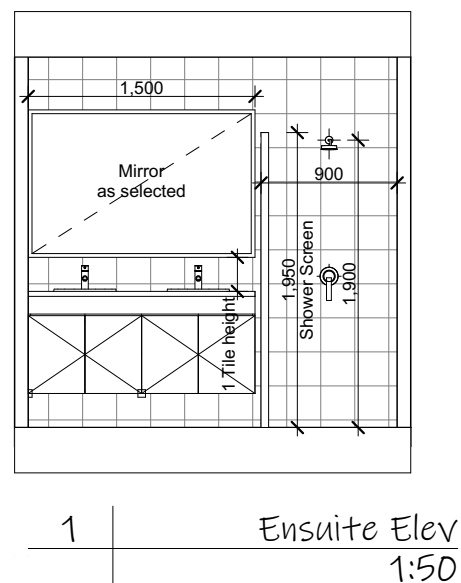
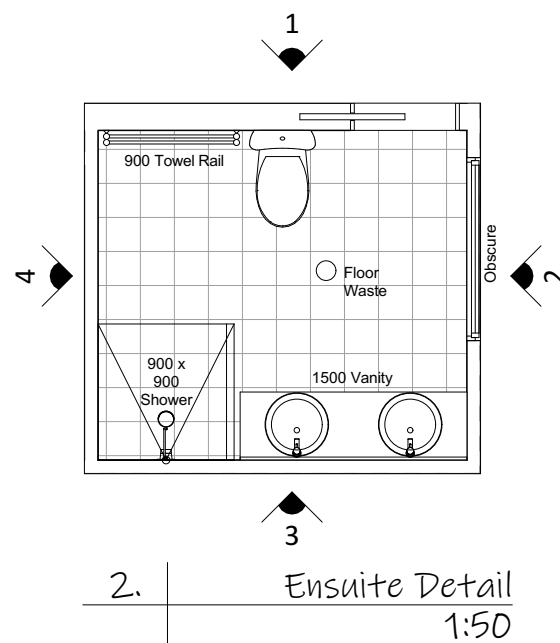
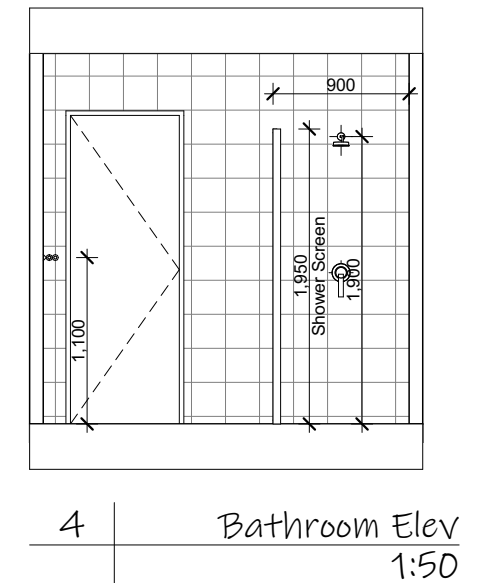
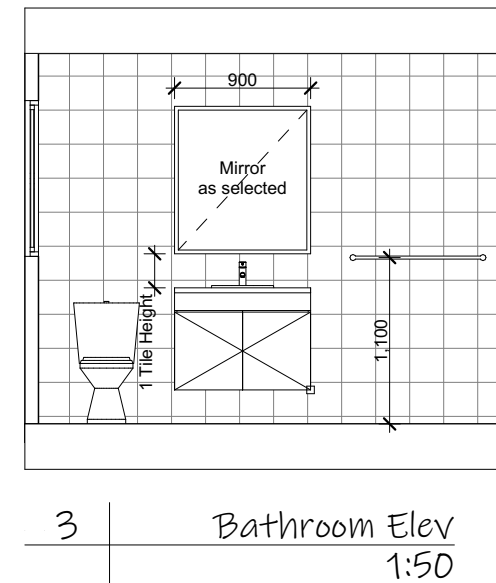
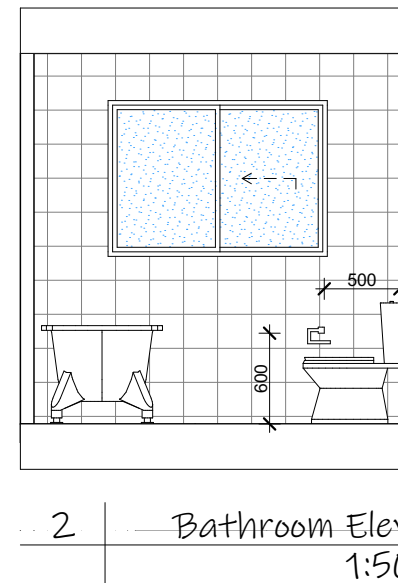
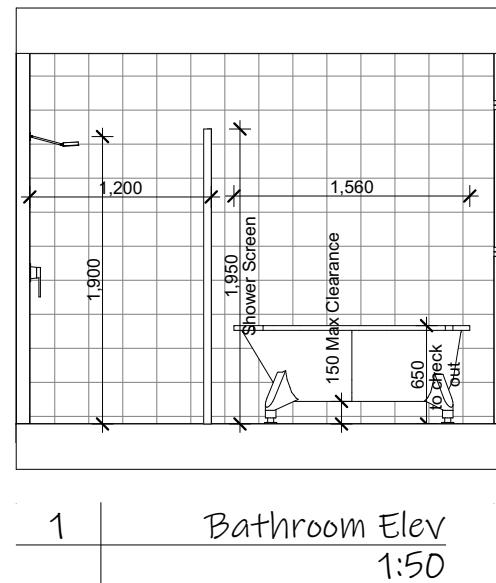
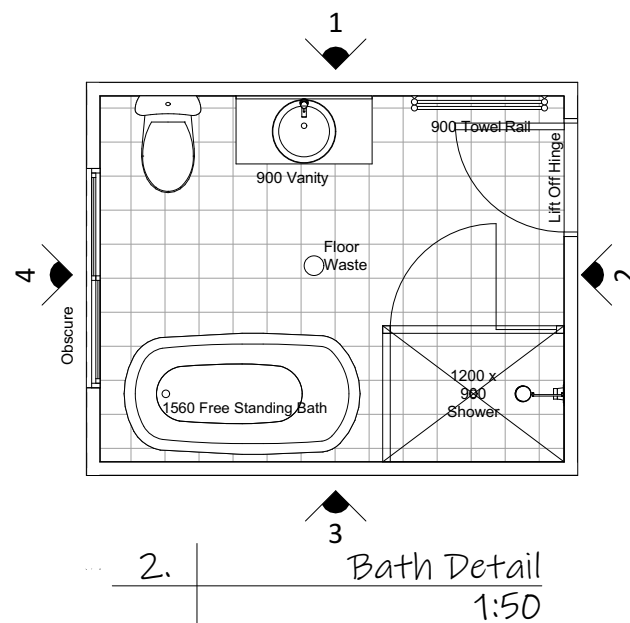
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note: all works to be carried out in conjunction  
with the construction notes on sheet 2

Proposed Dwelling  
**#1 Painters Parade, Dee Why**  
Icon Job Number: J/0853

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BASIX Certificate

Building Sustainability Index www.basix.nsw.gov.au




Single Dwelling

Certificate number: 1227278S\_02

This certificate confirms that the proposed development will meet the NSW government's requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary  
Date of issue: Friday, 20 August 2021  
To be valid, this certificate must be lodged within 3 months of the date of issue.



| Project summary           |   |      |             |
|---------------------------|---|------|-------------|
| Project name              | 21009 - 1 Painters Parade, Dee Why_02   |      |             |
| Street address            | 1 Painters Parade Dee Why 2099  |      |             |
| Local Government Area     | Northern Beaches Council  |      |             |
| Plan type and plan number | deposited 8062  |      |             |
| Lot no.                   | 24  |      |             |
| Section no.               | -   |      |             |
| Project type              | separate dwelling house   |      |             |
| No. of bedrooms           | 4   |      |             |
| Project score             |   |      |             |
| Water                     |  | 40   | Target 40   |
| Thermal Comfort           |  | Pass | Target Pass |
| Energy                    |  | 51   | Target 50   |

| Certificate Prepared by   |  |
|---|--|
| Name / Company Name: Abeaut Design Pty Ltd t/a Accurate Design and Draf |  |
| ABN (if applicable): 66116356551  |  |

BASIX Planning, Industry & Environment www.basix.nsw.gov.au Version: 3.0 / DARWINIA\_3\_18\_5 Certificate No.: 1227278S\_02 Friday, 20 August 2021 page 1/7

Description of project

| Project address                                 |                                       | Assessor details and thermal loads                                |                    |
|---|---------------------------------------|---|--------------------|
| Project name                                    | 21009 - 1 Painters Parade, Dee Why_02 | Assessor number   | 16/1737            |
| Street address                                  | 1 Painters Parade Dee Why 2099        | Certificate number  | KKGHWGZUI3         |
| Local Government Area                           | Northern Beaches Council              | Climate zone  | 56                 |
| Plan type and plan number                       | Deposited Plan 8062                   | Area adjusted cooling load (MJ/m <sup>2</sup> .year)              | 23                 |
| Lot no.   | 24                                    | Area adjusted heating load (MJ/m <sup>2</sup> .year)              | 40                 |
| Section no.                                     | -                                     | Ceiling fan in at least one bedroom                               | No                 |
| Project type                                    |                                       | Ceiling fan in at least one living room or other conditioned area | No                 |
| Project type                                    | separate dwelling house               | Project score   |                    |
| No. of bedrooms                                 | 4                                     | Water   | ✓ 40 Target 40     |
| Site details                                    |                                       | Thermal Comfort   | ✓ Pass Target Pass |
| Site area (m <sup>2</sup> )                     | 729                                   | Energy  | ✓ 51 Target 50     |
| Roof area (m <sup>2</sup> )                     | 201                                   |   |                    |
| Conditioned floor area (m <sup>2</sup> )        | 154.84                                |   |                    |
| Unconditioned floor area (m <sup>2</sup> )      | 13.21                                 |   |                    |
| Total area of garden and lawn (m <sup>2</sup> ) | 381                                   |   |                    |

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Schedule of BASIX commitments

The commitments set out below regulate how the proposed development is to be carried out. It is a condition of any development consent granted, or complying development certificate issued, for the proposed development, that BASIX commitments be complied with.

| Water Commitments   | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|------------------|------------------------------|-----------------|
| Fixtures  |                  |                              |                 |
| The applicant must install showerheads with a minimum rating of 3 star (> 7.5 but <= 9 L/min) in all showers in the development.  |                  | ✓                            | ✓               |
| The applicant must install a toilet flushing system with a minimum rating of 3 star in each toilet in the development.  |                  | ✓                            | ✓               |
| The applicant must install taps with a minimum rating of 3 star in the kitchen in the development.  |                  | ✓                            |                 |
| The applicant must install basin taps with a minimum rating of 3 star in each bathroom in the development.  |                  | ✓                            |                 |
| Alternative water   |                  |                              |                 |
| Rainwater tank  |                  |                              |                 |
| The applicant must install a rainwater tank of at least 3000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.   | ✓                | ✓                            | ✓               |
| The applicant must configure the rainwater tank to collect rain runoff from at least 175 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam).   |                  | ✓                            | ✓               |
| The applicant must connect the rainwater tank to: <ul style="list-style-type: none"><li>all toilets in the development</li><li>the cold water tap that supplies each clothes washer in the development</li><li>at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human consumption in areas with potable water supply.)</li></ul> |                  | ✓                            | ✓               |

BASIX Planning, Industry & Environment www.basix.nsw.gov.au Version: 3.0 / DARWINIA\_3\_18\_5 Certificate No.: 1227278S\_02 Friday, 20 August 2021 page 3/7

| Thermal Comfort Commitments  | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|--|------------------|------------------------------|-----------------|
| Simulation Method  |                  |                              |                 |
| The applicant must attach the certificate referred to under "Assessor Details" on the front page of this BASIX certificate (the "Assessor Certificate") to the development application and construction certificate application for the proposed development (or, if the applicant is applying for a complying development certificate for the proposed development, to that application). The applicant must also attach the Assessor Certificate to the application for an occupation certificate for the proposed development.  |                  |                              |                 |
| The Assessor Certificate must have been issued by an Accredited Assessor in accordance with the Thermal Comfort Protocol.  |                  |                              |                 |
| The details of the proposed development on the Assessor Certificate must be consistent with the details shown in this BASIX certificate, including the Cooling and Heating loads shown on the front page of this certificate.  |                  |                              |                 |
| The applicant must show on the plans accompanying the development application for the proposed development, all matters which the Assessor Certificate requires to be shown on those plans. Those plans must bear a stamp of endorsement from the Accredited Assessor to certify that this is the case. The applicant must show on the plans accompanying the application for a construction certificate (or complying development certificate, if applicable), all thermal performance specifications set out in the Assessor Certificate, and all aspects of the proposed development which were used to calculate those specifications. | ✓                | ✓                            | ✓               |
| The applicant must construct the development in accordance with all thermal performance specifications set out in the Assessor Certificate, and in accordance with those aspects of the development application or application for a complying development certificate which were used to calculate those specifications.  |                  | ✓                            | ✓               |
| The applicant must construct the floors and walls of the dwelling in accordance with the specifications listed in the table below.   | ✓                | ✓                            | ✓               |

| Floor and wall construction                          | Area                                    |
|--|---|
| floor - concrete slab on ground                      | All or part of floor area square metres |
| floor - suspended floor above garage                 | All or part of floor area               |
| floor - new floor above another dwelling or building | All or part of floor area               |

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| Energy Commitments  | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|------------------|------------------------------|-----------------|
| Hot water   |                  |                              |                 |
| The applicant must install the following hot water system in the development, or a system with a higher energy rating: gas instantaneous with a performance of 6 stars.   | ✓                | ✓                            | ✓               |
| Cooling system  |                  |                              |                 |
| The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 living area: 3-phase airconditioning. Energy rating: EER 3.0 - 3.5  |                  | ✓                            | ✓               |
| The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 bedroom: 3-phase airconditioning. Energy rating: EER 3.5 - 3.5  |                  | ✓                            | ✓               |
| Heating system  |                  |                              |                 |
| The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 living area: 3-phase airconditioning. Energy rating: EER 3.0 - 3.5  |                  | ✓                            | ✓               |
| The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 bedroom: 3-phase airconditioning. Energy rating: EER 3.0 - 3.5  |                  | ✓                            | ✓               |
| Ventilation   |                  |                              |                 |
| The applicant must install the following exhaust systems in the development:<br>At least 1 Bathroom: individual fan, ducted to façade or roof; Operation control: manual switch on/off  |                  | ✓                            | ✓               |
| Kitchen: individual fan, ducted to façade or roof; Operation control: manual switch on/off  |                  | ✓                            | ✓               |
| Laundry: individual fan, ducted to façade or roof; Operation control: manual switch on/off  |                  | ✓                            | ✓               |
| Artificial lighting   |                  |                              |                 |
| The applicant must ensure that the "primary type of artificial lighting" is fluorescent or light emitting diode (LED) lighting in each of the following rooms, and where the word "dedicated" appears, the fittings for those lights must only be capable of accepting fluorescent or light emitting diode (LED) lamps: <ul style="list-style-type: none"><li>at least 4 of the bedrooms / study;</li><li>at least 2 of the living / dining rooms;</li><li>the kitchen;</li></ul> |                  | ✓                            | ✓               |

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| Energy Commitments  | Show on DA plans | Show on CC/CDC plans & specs | Certifier check |
|---|------------------|------------------------------|-----------------|
| <ul style="list-style-type: none"><li>all bathrooms/toilets;</li><li>the laundry;</li><li>all hallways;</li></ul>                             |                  | ✓                            | ✓               |
| Natural lighting  |                  |                              |                 |
| The applicant must install a window and/or skylight in 3 bathroom(s)/toilet(s) in the development for natural lighting.                       | ✓                | ✓                            | ✓               |
| Other   |                  |                              |                 |
| The applicant must install a gas cooktop & electric oven in the kitchen of the dwelling.  |                  | ✓                            |                 |
| The applicant must construct each refrigerator space in the development so that it is "well ventilated", as defined in the BASIX definitions. |                  | ✓                            |                 |
| The applicant must install a fixed outdoor clothes drying line as part of the development.  |                  | ✓                            |                 |

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| Legend   |
|--|
| In these commitments, "applicant" means the person carrying out the development.   |
| Commitments identified with a ✓ in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).             |
| Commitments identified with a ✓ in the "Show on CC/CDC plans and specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development. |
| Commitments identified with a ✓ in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate(either interim or final) for the development may be issued.                    |

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note: all works to be carried out in conjunction with the construction notes on sheet 2

Proposed Dwelling  
#1 Painters Parade, Dee Why  
Icon Job Number: J/0853

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