



DEVELOPMENT APPLICATION

PDPLANPMTD-2025/054579

PROPOSAL: Dwelling

LOCATION: 30 Petra Drive, Risdon Vale

RELEVANT PLANNING SCHEME: Tasmanian Planning Scheme - Clarence

ADVERTISING EXPIRY DATE: 03 September 2025

The relevant plans and documents can be inspected at the Council offices, 38 Bligh Street, Rosny Park, during normal office hours until 03 September 2025. In addition to legislative requirements, plans and documents can also be viewed at www.ccc.tas.gov.au during these times.

Any person may make representations about the application to the Chief Executive Officer, by writing to PO Box 96, Rosny Park, 7018 or by electronic mail to clarence@ccc.tas.gov.au. Representations must be received by Council on or before 03 September 2025.

To enable Council to contact you if necessary, would you please also include a day time contact number in any correspondence you may forward.

Any personal information submitted is covered by Council's privacy policy, available at www.ccc.tas.gov.au or at the Council offices.

Clarence City Council



APPLICATION FOR DEVELOPMENT / USE OR SUBDIVISION

The personal information on this form is required by Council for the development of land under the Land Use Planning and Approvals Act 1993. We will only use your personal information for this and other related purposes. If this information is not provided, we may not be able to deal with this matter. You may access and/or amend your personal information at any time. How we use this information is explained in our **Privacy Policy**, which is available at www.ccc.tas.gov.au or at Council offices.

Proposal:

New dwelling

Location:

Address 30 Petra Drive

Suburb/Town Risdon Vale

Postcode 7016

Current Owners/s:

Applicant:

Personal Information Removed

Tax Invoice for application fees to be in the name of: (if different from applicant)

Is the property on the Tasmanian Heritage Register?

Yes

No

(if yes, we recommend you discuss your proposal with Heritage Tasmania prior to lodgement as exemptions may apply which may save you time on your proposal)

If you had pre-application discussions with a Council Officer, please give their name

Current Use of Site:

Does the proposal involve land administered or owned by the Crown or Council?

Yes

No

Declaration:

- *I have read the Certificate of Title and Schedule of Easements for the land and am satisfied that this application is not prevented by any restrictions, easements or covenants.*
- *I authorise the provision of a copy of any documents relating to this application to any person for the purposes of assessment or public consultation. I agree to arrange for the permission of the copyright owner of any part of this application to be obtained. I have arranged permission for Council's representatives to enter the land to assess this application*
- *I declare that, in accordance with Section 52 of the Land Use Planning and Approvals Act 1993, that I have notified the owner of the intention to make this application. Where the subject property is owned or controlled by Council or the Crown, their signed consent is attached. Where the application is submitted under Section 43A, the owner's consent is attached.*
- *I declare that the information in this declaration is true and correct.*

Acknowledgement:

- *I acknowledge that the documentation submitted in support of my application will become a public record held by Council and may be reproduced by Council in both electronic and hard copy format in order to facilitate the assessment process; for display purposes during public consultation; and to fulfil its statutory obligations. I further acknowledge that following determination of my application, Council will store documentation relating to my application in electronic format only.*

Applicant's
Signature:

Personal Information Removed

**PLEASE REFER TO THE DEVELOPMENT/USE AND SUBDIVISION CHECKLIST
ON THE FOLLOWING PAGES TO DETERMINE WHAT DOCUMENTATION MUST
BE SUBMITTED WITH YOUR APPLICATION.**

Documentation required:

1. **MANDATORY DOCUMENTATION**

This information is required for the application to be valid. An application lodged without these items is unable to proceed.

- Details of the location of the proposed use or development.
- A copy of the current Certificate of Title, Sealed Plan, Plan or Diagram and Schedule of Easements and other restrictions for each parcel of land on which the use or development is proposed.
- Full description of the proposed use or development.
- Description of the proposed operation.
May include where appropriate: staff/student/customer numbers; operating hours; truck movements; and loading/unloading requirements; waste generation and disposal; equipment used; pollution, including noise, fumes, smoke or vibration and mitigation/management measures.
- Declaration the owner has been notified if the applicant is not the owner.
- Crown or Council consent (if publically-owned land).
- Any reports, plans or other information required by the relevant zone or code.
- Fees prescribed by the Council.

Application fees (please phone 03 6217 9550 to determine what fees apply). An invoice will be emailed upon lodgement.

2. **ADDITIONAL DOCUMENTATION**

In addition to the mandatory information required above, Council may, to enable it to consider an application, request further information it considers necessary to ensure that the proposed use or development will comply with any relevant standards and purpose statements in the zone, codes or specific area plan, applicable to the use or development.

- Site analysis plan and site plan**, including where relevant:
 - *Existing and proposed use(s) on site.*
 - *Boundaries and dimensions of the site.*
 - *Topography, including contours showing AHD levels and major site features.*
 - *Natural drainage lines, watercourses and wetlands on or adjacent to the site.*
 - *Soil type.*
 - *Vegetation types and distribution, and trees and vegetation to be removed.*
 - *Location and capacity of any existing services or easements on/to the site.*
 - *Existing pedestrian and vehicle access to the site.*
 - *Location of existing and proposed buildings on the site.*
 - *Location of existing adjoining properties, adjacent buildings and their uses.*
 - *Any natural hazards that may affect use or development on the site.*
 - *Proposed roads, driveways, car parking areas and footpaths within the site.*
 - *Any proposed open space, communal space, or facilities on the site.*
 - *Main utility service connection points and easements.*
 - *Proposed subdivision lot boundaries.*

- Where it is proposed to erect buildings, **detailed plans** with dimensions at a scale of 1:100 or 1:200 showing:
 - *Internal layout of each building on the site.*
 - *Private open space for each dwelling.*
 - *External storage spaces.*
 - *Car parking space location and layout.*
 - *Major elevations of every building to be erected.*
 - *Shadow diagrams of the proposed buildings and adjacent structures demonstrating the extent of shading of adjacent private open spaces and external windows of buildings on adjacent sites.*
 - *Relationship of the elevations to natural ground level, showing any proposed cut or fill.*
 - *Materials and colours to be used on rooves and external walls.*
- Where it is proposed to erect buildings, a plan of the proposed **landscaping** showing:
 - *Planting concepts.*
 - *Paving materials and drainage treatments and lighting for vehicle areas and footpaths.*
 - *Plantings proposed for screening from adjacent sites or public places.*
- Any additional reports, plans or other information required by the relevant zone or code.

This list is not comprehensive for all possible situations. If you require further information about what may be required as part of your application documentation, please contact Council's Planning Officers on (03) 6217 9550 who will be pleased to assist.

SEARCH OF TORRENS TITLE

VOLUME 185311	FOLIO 60
EDITION 2	DATE OF ISSUE 12-Jul-2025

SEARCH DATE : 05-Aug-2025

SEARCH TIME : 10.27 AM

DESCRIPTION OF LAND

City of CLARENCE
 Lot 60 on Sealed Plan [185311](#)
 Derivation : Part of Lot 31801, 248A-1R-0P Gtd. to Fane Claude
 Campbell Cox
 Prior CT [183638/125](#)

SCHEDULE 1

[N264781](#) TRANSFER to DALE KEVIN RAYNER Registered
 12-Jul-2025 at noon

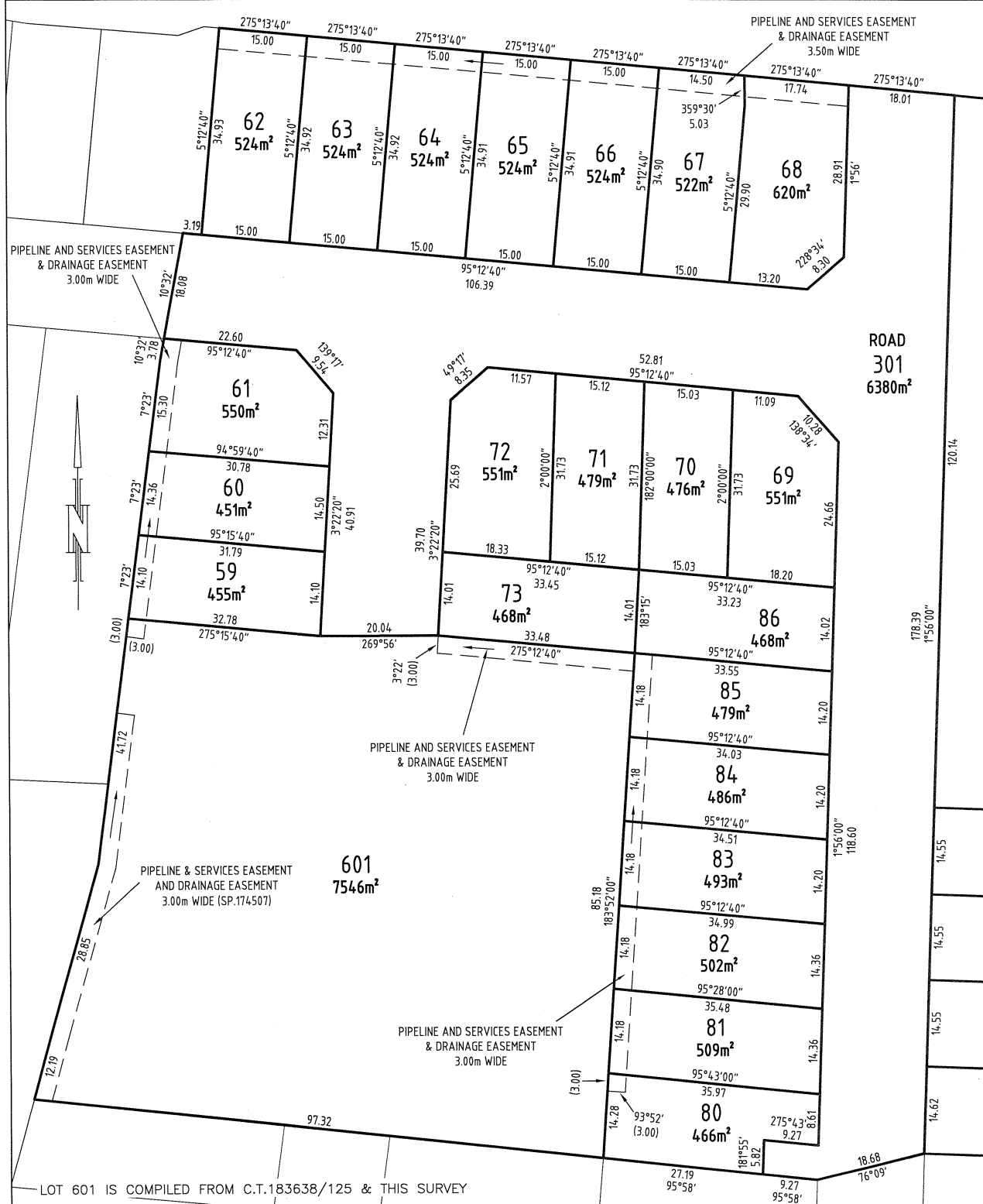
SCHEDULE 2

Reservations and conditions in the Crown Grant if any
[SP185311](#) EASEMENTS in Schedule of Easements
[SP185311](#) COVENANTS in Schedule of Easements
[SP185311](#) FENCING COVENANT in Schedule of Easements
[SP168081](#), [SP172459](#) & [SP174507](#) COVENANTS in Schedule of
 Easements
[SP164707](#), [SP168081](#), [SP172459](#) & [SP174507](#) FENCING PROVISION in
 Schedule of Easements
[C788114](#) NOTICE of Notified Corridor under Section 15 of the
 Major Infrastructure Development Approvals Act 1999
 affecting the land therein described Registered
 11-May-2007 at noon

UNREGISTERED DEALINGS AND NOTATIONS

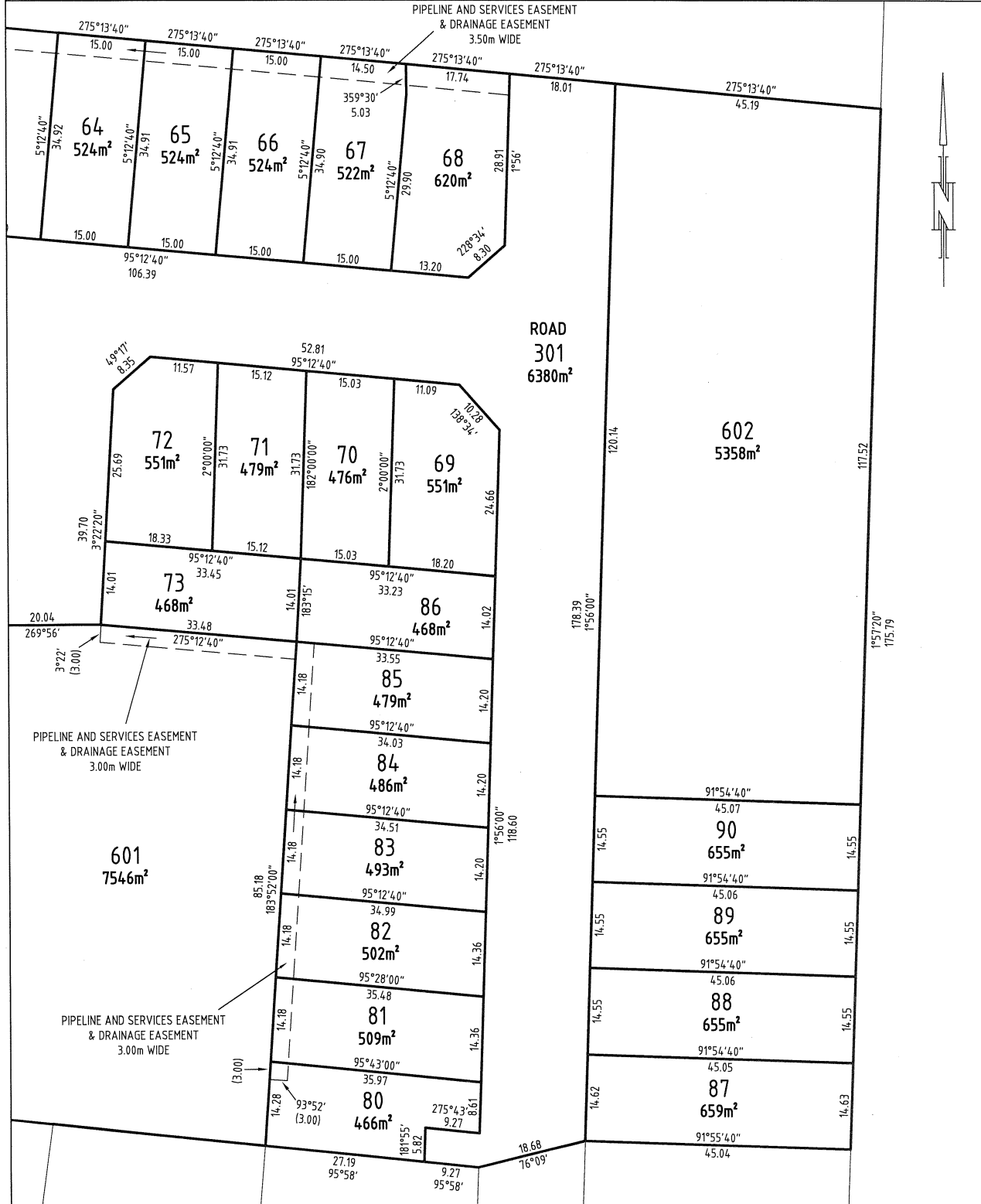
No unregistered dealings or other notations

<p>PLAN OF SURVEY ANNEXURE SHEET SHEET 1 OF 2 SHEETS</p>	<p>OWNER: PHAROS CUSTODIANS PTY LTD FOLIO REFERENCE: C.T.183638/125 & C.T.181250/502 SCALE 1:600 LENGTH IN METRES</p>	<p>Registered Number SP 185311</p>
<p>SIGNED FOR IDENTIFICATION PURPOSES <i>C. Mea</i> 30.08.2023 Council Delegate Date</p>	<p>THIS ANNEXURE SHEET FORMS PART OF THE ATTACHED INDEX PLAN. <i>[Signature]</i> 08-6-2023 Registered Land Surveyor Date</p>	<p>APPROVED EFFECTIVE FROM 18 JUL 2023 <i>[Signature]</i> Recorder of Titles</p>



LOT 601 IS COMPILED FROM C.T.183638/125 & THIS SURVEY

<p>PLAN OF SURVEY ANNEXURE SHEET SHEET 2 OF 2 SHEETS</p>	<p>OWNER: PHAROS CUSTODIANS PTY LTD FOLIO REFERENCE: C.T.183638/125 & C.T181250/502 SCALE 1:600 LENGTH IN METRES</p>	<p>Registered Number SP 185311</p>
<p>SIGNED FOR IDENTIFICATION PURPOSES <i>C. Dea</i>..... 30.06.2023 Council Delegate Date</p>	<p>THIS ANNEXURE SHEET FORMS PART OF THE ATTACHED INDEX PLAN. <i>[Signature]</i>..... 8-6-2023 Registered Land Surveyor Date</p>	<p>APPROVED EFFECTIVE FROM 18 JUL 2023 <i>[Signature]</i>..... Recorder of Titles</p>



SCHEDULE OF EASEMENTS	Registered Number
NOTE: THE SCHEDULE MUST BE SIGNED BY THE OWNERS & MORTGAGEES OF THE LAND AFFECTED. SIGNATURES MUST BE ATTESTED.	SP 185311

PAGE 1 OF 4 PAGE/S

EASEMENTS AND PROFITS

Each lot on the plan is together with:-

- (1) such rights of drainage over the drainage easements shown on the plan (if any) as may be necessary to drain the stormwater and other surplus water from such lot; and
- (2) any easements or profits a prendre described hereunder.

Each lot on the plan is subject to:-

- (1) such rights of drainage over the drainage easements shown on the plan (if any) as passing through such lot as may be necessary to drain the stormwater and other surplus water from any other lot on the plan; and
- (2) any easements or profits a prendre described hereunder.

The direction of the flow of water through the drainage easements shown on the plan is indicated by arrows.

Lots 59 to 61, 80 to 85 and Lot 601 (all inclusive) (the "Lots") are subject to a Pipeline and Services Easement in gross in favour of the Tasmanian Water and Sewerage Corporation Pty Ltd, it's successors and assigns (TasWater) over the land marked "Pipeline and Services Easement and Drainage Easement 3.00m wide on the Plan (the "Easement Land").

Lots 62 to 68 (all inclusive) (the "Lots") are subject to a Pipeline and Services Easement in gross in favour of the Tasmanian Water and Sewerage Corporation Pty Ltd, it's successors and assigns (TasWater) over the land marked "Pipeline and Services Easement and Drainage Easement 3.50m wide on the Plan (the "Easement Land").

Lots 59 to 61, 80 to 85 and Lot 601 (all inclusive) (the "Lots") are each subject to a Right of Drainage over the land marked "Pipeline and Services Easement and Drainage Easement 3.00m wide" in favour of the Clarence City Council.

Lots 62 to 68 (all inclusive) (the "Lots") are each subject to a Right of Drainage over the land marked "Pipeline and Services Easement and Drainage Easement 3.50m wide" in favour of the Clarence City Council.

Lot 601 is subject to a Right of Drainage over the land marked "Pipeline and Services Easement and Drainage Easement 3.00m wide" in favour of the Clarence City Council and more fully set forth in SP174507.

(SP 174507)

Lot 601 is subject to a Pipeline and Services Easement in gross in favour of the Tasmanian Water and Sewerage Corporation Pty Ltd, it's successors and assigns (TasWater) over the land marked "Pipeline and Services Easement and Drainage Easement 3.00m wide" (SP174507) and more fully set forth in SP174507.

(USE ANNEXURE PAGES FOR CONTINUATION)

SUBDIVIDER: Pharos Custodians Pty Ltd FOLIO REF: 183638/125 and 181250/502 SOLICITOR & REFERENCE: William Justo: WCJ 069028	PLAN SEALED BY: Clarence City Council DATE: 30 th June 2023. P.D. PLAN NO. 2019/ REF NO. 008974 Stage 6 Council Delegate <i>Clare Shea</i>
NOTE: The Council Delegate must sign the Certificate for the purposes of identification.	

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of EP

<p>ANNEXURE TO SCHEDULE OF EASEMENTS</p> <p>PAGE 2 OF 4 PAGES</p>	<p>Registered Number</p> <p>SP 185311</p>
<p>SUBDIVIDER: Pharos Custodians Pty Ltd FOLIO REFERENCE: 183638/125 and 181250/502</p>	

Fencing Covenant

The owner of each Lot on the Plan covenants with the Vendors, Pharos Custodians Pty Ltd, that the Vendors shall not be required to fence.

Restrictive Covenants

& that part of Lot 301 formerly comprised in Lot 502 on Sealed Plan 181250
 Lots 87, 88, 89, 90 and 602 are each subject to Restrictive Covenants more fully set forth in SP168081, SP172459, and SP174507, & SP181250
 & that part of Lot 301 formerly comprised in Lot 125 on Sealed Plan 183638
 Lots 80 to Lot 86 (inclusive), and Lot 601 are each subject to Restrictive Covenants more fully set forth in ~~SP183638~~ SP168081, SP172459 & SP174507

Definitions:

Pipeline and Services Easement is defined as follows:-

FIRSTLY, THE FULL RIGHT AND LIBERTY for TasWater and its employees, contractors, agents and all other persons duly authorised by it, at all times to:

- (1) enter and remain upon the Easement Land with or without machinery, vehicles, plant and equipment;
- (2) investigate, take soil, rock and other samples, survey, open and break up and excavate the Easement Land for any purpose or activity that TasWater is authorised to do or undertake;
- (3) install, retain, operate, modify, relocate, maintain, inspect, cleanse, repair, remove and replace the Infrastructure;
- (4) run and pass sewage, water and electricity through and along the Infrastructure;
- (5) do all works reasonably required in connection with such activities or as may be authorised or required by any law:
 - (1) without doing unnecessary damage to the Easement Land; and
 - (2) leaving the Easement Land in a clean and tidy condition;

NOTE: Every annexed page must be signed by the parties to the dealing or where the party is a corporate body be signed by the persons who have attested the affixing of the seal of that body to the dealing.

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CP E.P.

<p>ANNEXURE TO SCHEDULE OF EASEMENTS</p> <p>PAGE 3 OF 4 PAGES</p>	<p>Registered Number</p> <p>SP 185311</p>
<p>SUBDIVIDER: Pharos Custodians Pty Ltd FOLIO REFERENCE: 183638/125 and 181250/502</p>	

- (6) if the Easement Land is not directly accessible from a highway, then for the purpose of undertaking any of the preceding activities TasWater may with or without employees, contractors, agents and any other persons authorised by it, and with or without machinery, vehicles, plant and equipment enter the Lot from the highway at any vehicle entry and cross the Lot to the Easement Land; and
- (7) use the Easement Land as a right of carriageway for the purpose of undertaking any of the preceding purposes on other land, TasWater reinstating any damage that it causes in doing so to any boundary fence of the Lot.

SECONDLY, the benefit of a covenant in gross for TasWater with the registered proprietor/s of the Easement Land and their successors and assigns not to erect any building, or place any structures, objects, vegetation, or remove any thing that supports, protects or covers any Infrastructure on or in the Easement Land, without the prior written consent of TasWater to the intent that the burden of the covenant may run with and bind the servient land and every part thereof and that the benefit thereof may be annexed to the easement herein described.

Interpretation:

"Infrastructure" means infrastructure owned or for which TasWater is responsible and includes but is not limited to:

- (a) sewer pipes and water pipes and associated valves;
- (b) telemetry and monitoring devices;
- (c) inspection and access pits;
- (d) electricity assets and other conducting media (excluding telemetry and monitoring devices);
- (e) markers or signs indicating the location of the Easement Land or any other Infrastructure or any warnings or restrictions with respect to the Easement Land or any other Infrastructure;
- (f) anything reasonably required to support, protect or cover any other Infrastructure;
- (g) any other infrastructure whether of a similar nature or not to the preceding which is reasonably required for the piping of sewage or water, or the running of electricity, through the Easement Land or monitoring or managing that activity; and
- (h) where the context permits, any part of the Infrastructure.

NOTE: Every annexed page must be signed by the parties to the dealing or where the party is a corporate body be signed by the persons who have attested the affixing of the seal of that body to the dealing.

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CP
E.P.

<p>ANNEXURE TO SCHEDULE OF EASEMENTS</p> <p>PAGE 4 OF 4 PAGES</p>	<p>Registered Number</p> <p>SP 185311</p>
<p>SUBDIVIDER: Pharos Custodians Pty Ltd FOLIO REFERENCE: 183638/125 and 181250/502</p>	


"TasWater" means Tasmanian Water and Sewerage Corporation Pty Ltd (ACN 162 220 653), its successors and assigns

EXECUTED by Pharos Custodians Pty Ltd (ACN 131 759 807) in accordance with section 127 of the *Corporations Act 2001*:

Signature: 

Name: **ANTONIOS PAPA**STAMATIS
PLEASE PRINT

Director

Signature: 

Name: **EUGENIA PAPA**STAMATIS
PLEASE PRINT

Director/Secretary *

* Delete as appropriate

NOTE: Every annexed page must be signed by the parties to the dealing or where the party is a corporate body be signed by the persons who have attested the affixing of the seal of that body to the dealing.

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H1380 - Proposed Dwelling, RAYNER AT 30 PETRA DRIVE, RISDON VALE



<i>Architectural Drawing No.</i>	<i>Description</i>
01	Site Plan
01a	Solar Access Diagram
01b	Shadow Diagrams
02	Drainage Plan
03	Floor Plan
04	Elevations
05	Section
06	Roof Plan
07	Electrical Plan
08	Flooring Layout Plan
09	Lighting Calculations, Insulation & Window Schedule
10	Compliance Notes
10a	Liveable Housing Specifications Sheet 1 of 3
10b	Liveable Housing Specifications Sheet 2 of 3
10c	Liveable Housing Specifications Sheet 3 of 3
11	Wet Area Specifications
11a	Stair Notes
11b	Balustrade Notes
12	Vegetation Overlay
13	BAL Construction Requirements

Climate Zone - 7
 C.T. No. 185311/60
 Wind Speed - N2
 Corrosion Environment - MODERATE
 Soil Classification - S
 Floor Area = 170.9m²
 = 18.4 sq

PROTECTIVE COATINGS FOR STEELWORK

ENVIRONMENT	LOCATION	MINIMUM PROTECTIVE COATING	
		General structural steel members	Lintels in masonry
MODERATE <small>More than 1 km from breaking surf or more than 100m from salt water not subject to breaking surf or non-heavy industrial areas</small>	INTERNAL	No protection required	
	EXTERNAL	Option 1 2 coats alkyd primer; or Option 2 2 coats alkyd gloss Option 3 Hot dip galvanise 300 g/m ² min. Option 4 Hot dip galvanise 100 g/m ² min. plus - (a) 1 coat solvent based vinyl primer; or (b) 1 coat vinyl gloss or alkyd	

NOTES:
 1. Heavy industrial areas means industrial environments around major industrial complexes. There are only a few such regions in Australia, examples of which occur around Port Pirie and Newcastle.
 2. The outer leaf and cavity of an external masonry wall of a building, including walls under open carports are considered to be external environments. A part of an internal leaf of an external masonry wall which is located in the roof space is considered to be in an internal environment.
 3. Where a paint finish is applied the surface of the steel work must be hand or power tool cleaned to remove any rust immediately prior to painting.
 4. All zinc coatings (including Inorganic zinc) require a barrier coat to stop conventional domestic enamels from peeling.
 5. Refer to the paint manufacturer where decorative finishes are required on top of the minimum coating specified in the table for protection of the steel against corrosion.
 6. Internal locations subject to moisture, such as in close proximity to kitchen or bathroom exhaust fans are not considered to be in a permanently dry location and protection as specified for external locations is required.
 7. For applications outside the scope of this table, seek specialist advice.

THIS PLAN IS ACCEPTED BY:

 PLEASE NOTE: no variations will be permitted after plans are signed by the client (with exception of Council requirements / approvals).
 SIGNATURE:

 DATE:

BAL- LOW

See sheet 13 for Bushfire Attack Level construction requirements

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 Drafted by Phil Chamberlain, Accreditation CC5652Y

REVISION	DATE	SHEETS	DESCRIPTION
A	8 July 2025	All prelim. DA sheets	Raise the finished floor level to 108.75 as requested. Amend stairs and landing. Update elevations and site plan to reflect changes.
B	15 August 2025	00, 01, new 01a & 01b, 03, 04 & 07 - 09	Provide solar access diagram and shadow diagrams. Change bedroom 2 window on all affected floor plans and amend glazing schedule.

DRAWING: COVER SHEET
 DATE: 15/08/25
 FILE NAME: H1380 DA 260625.dgn
 DRAWN BY: PC

DWG No: **COVER SHEET**

- 8 JULY 2025 Preliminary drawings
- 15 AUGUST 2025 Development application drawings (DA)
- Preliminary construction drawings
Engineer not to sign this copy, only provide notes, additions & amendments
- Final construction drawings (BA)
- Approved by Engineer
- Approved by Building Surveyor

THIS PLAN IS ACCEPTED BY:

PLEASE NOTE: no variations will be permitted after plans are signed by the client (with exception of Council requirements / approvals).
SIGNATURE:

DATE:

IMPORTANT NOTES:

The builder shall ensure that all downpipes are connected to the stormwater drainage system as soon as possible to prevent any erosion, swelling or saturation of susceptible foundation soils.

Batter slopes to be in accordance with NCC Table 3.2.1. Provide retaining walls as required to comply with NCC requirements.

C.T. No. 185311/60
451m²

EXPLANATORY NOTES: TASMANIAN PLANNING SCHEME GENERAL RESIDENTIAL		
8.4.3 - Site coverage and private open space for dwellings:		
A1	(a)	SITE COVERAGE: Max. 50% of site = 225.5m ² Proposed site coverage: 197.1m ² (43.7%)
	(b)	IMPERVIOUS SURFACES: Min. 25% of site to be free of impervious surfaces = 112.75m ² Proposed impervious area = 231.7m ² Proposed area free of impervious surfaces: 219.3m ² (48.6%)



TASSIE HOMES

Unit 4/37 Ascot Drive, Huntingfield, Tasmania, 7055
Ph. (03) 62 833 273 www.tassiehomes.com.au

- LOT BOUNDARY
- - - EASEMENT BOUNDARY
- BITUMEN EDGE
- KERB INVERT
- KERB BACK
- FOOTPATH
- DRIVEWAY
- HOUSE
- RIDGE LINES
- - - GUTTER LIP
- - - FENCE
- TITLE PEG
- NAIL
- ✕ STORMWATER HOUSE CONNECTION
- ⊕ ELECTRICITY MAIN
- ⊙ POLE WITH LIGHT ONLY
- ✕ CABLE HYDRO UNDERGROUND
- ⊗ TELSTRA PIT
- ✕ CABLE TELSTRA UNDERGROUND
- ✕ SEWER HOUSE CONNECTION
- ⊕ WATER MAIN
- ✕ METER WATER

NOTES:

While all reasonable effort has been made to locate all visible above ground services, there may be other services which were not located during the field survey.

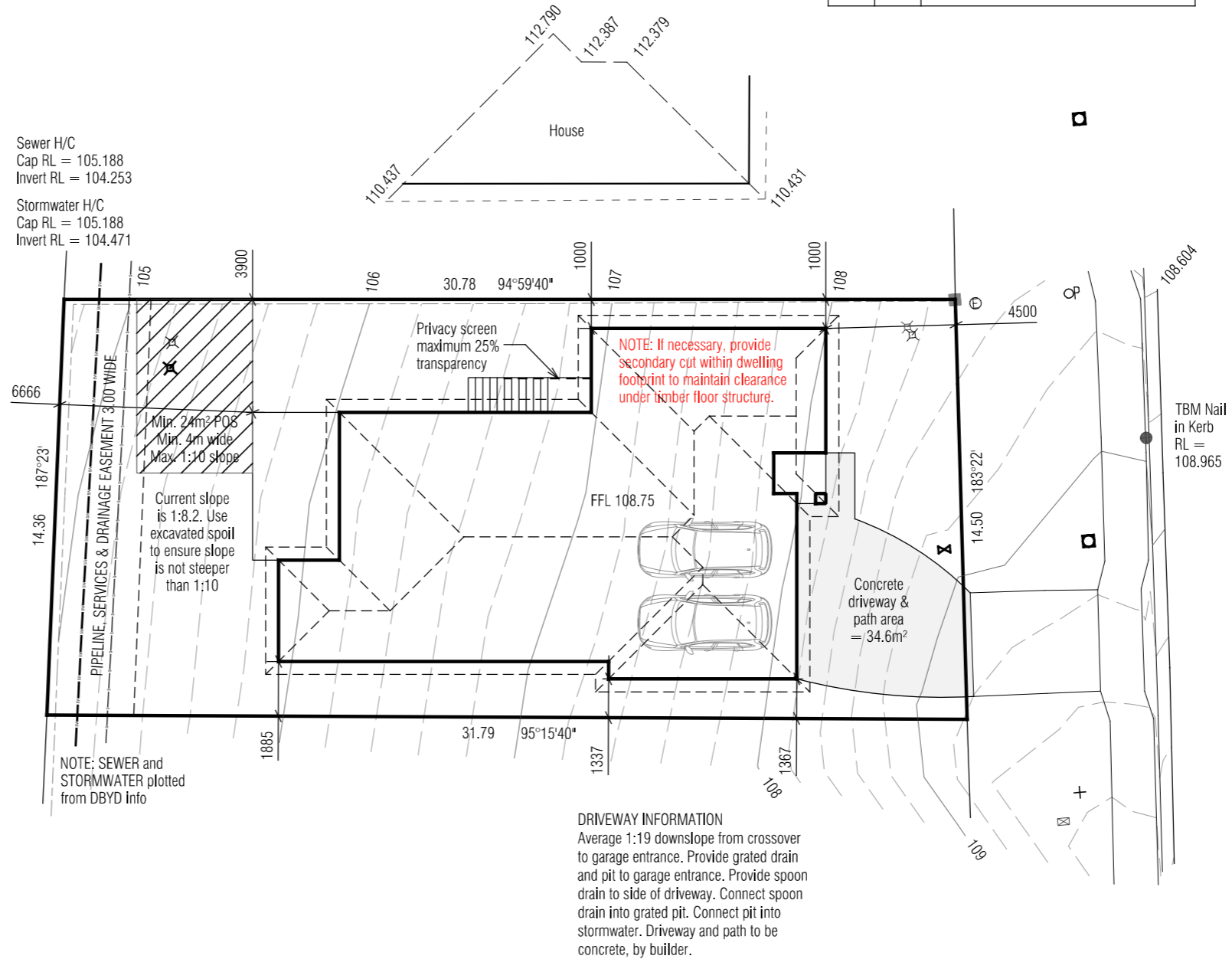
The title boundaries as shown on this plan were not marked at the time of the survey and have been determined by existing title dimensions and occupation (where available) only and not by field survey, and as a result are considered approximate only. This plan should not be used for building to boundary, or to prescribed set-backs, without further survey.

Prior to any demolition, excavation, final design or construction on this site, a full site inspection should be completed by the relevant engineers.

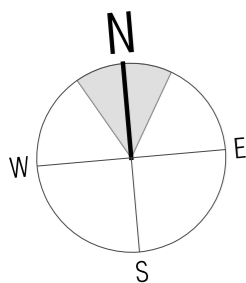
All survey data is 3D. The level (z-value) of any specific feature can be interrogated with a suitable CAD package. Spot heights of all features, including pipe inverts, are included in the model space but are not displayed on the PDF. Spot heights are organised into appropriate layers, and can be displayed as required.

DATUM - Vertical : AHD per SPM9926 with reputed AHD level of 50.049 from SURCOM on 04/06/2025

Date of Survey : 04/06/2025



PETRA DRIVE



Scale 1:200

PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE

REVISION	DATE	DESCRIPTION
A	8 July 2025	Changes as described on Cover Sheet
B	15 August 2025	Changes as described on Cover Sheet

BAL- LOW
See sheet 13 for
Bushfire Attack Level
construction requirements

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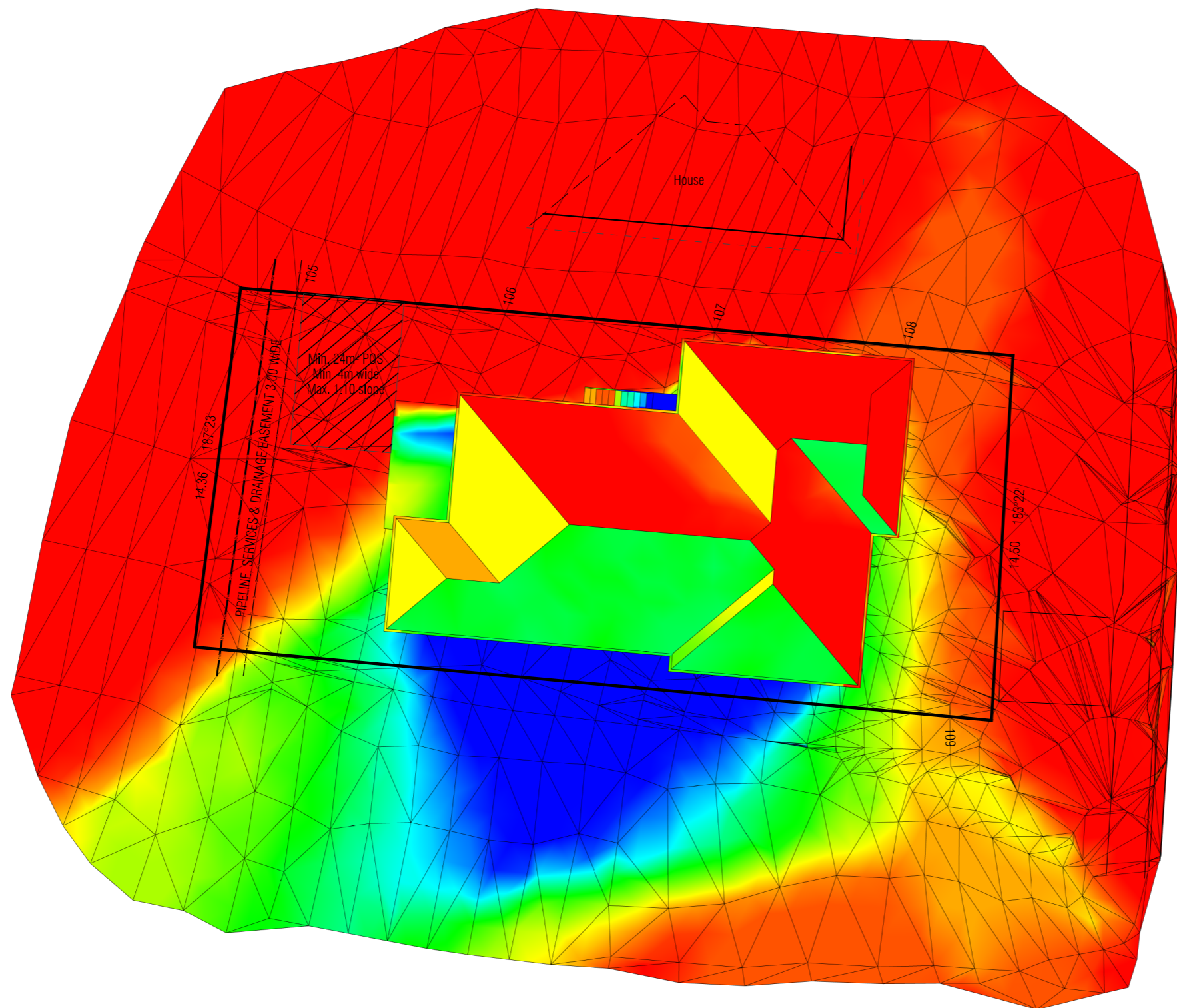
DRAWING: SITE PLAN
DATE: 15/08/25
FILE NAME: H1380 DA 260625.dgn
DRAWN BY: PC

DWG No:



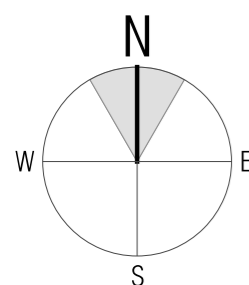
TASSIE HOMES

Unit 4/37 Ascot Drive, Huntingfield, Tasmania, 7055
Ph. (03) 62 833 273 www.tassiehomes.com.au



PETRA DRIVE

Solar Access Diagram
for 30 Petra Drive,
RISDON VALE on 21 June.
42° 49' 10" South
147° 21' 16" East



PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE

BAL- LOW

See sheet 13 for
Bushfire Attack Level
construction requirements

REVISION	DATE	DESCRIPTION
B	15 August 2025	Changes as described on Cover Sheet

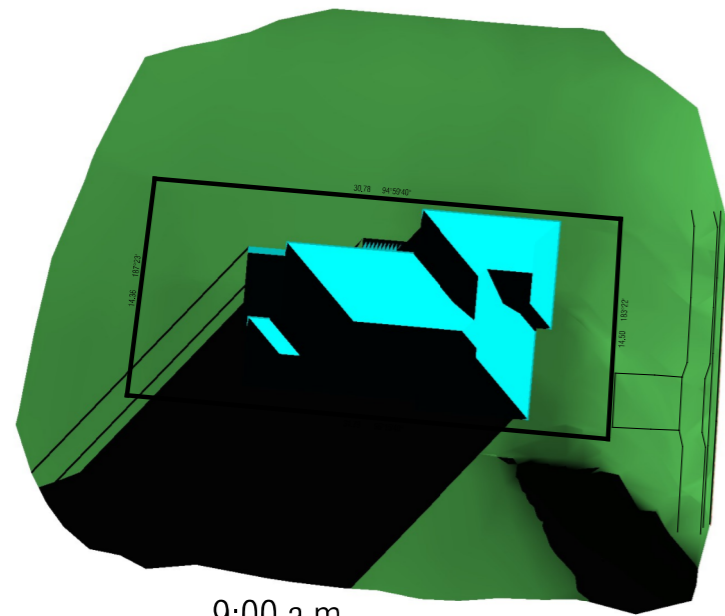
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DRAWING: SOLAR ACCESS DIAGRAM
DATE: 9:00AM - 3:00PM
FILE NAME: 15/08/25
DRAWN BY: H1380 DA 260625.dgn
PC

DWG No:

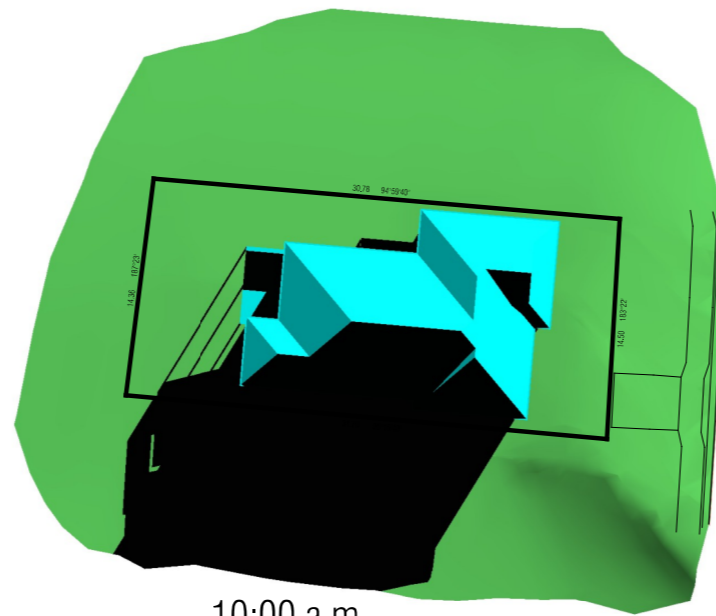
01a

Shadow Diagrams
 for 30 Petra Drive,
 RISDON VALE
 on 21 June.
 42° 49' 10" South
 147° 21' 16" East



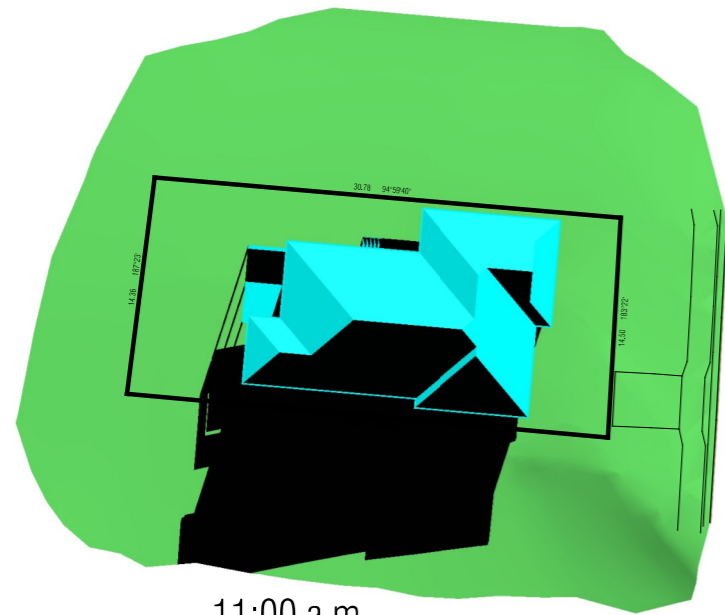
9:00 a.m.

PETRA DRIVE



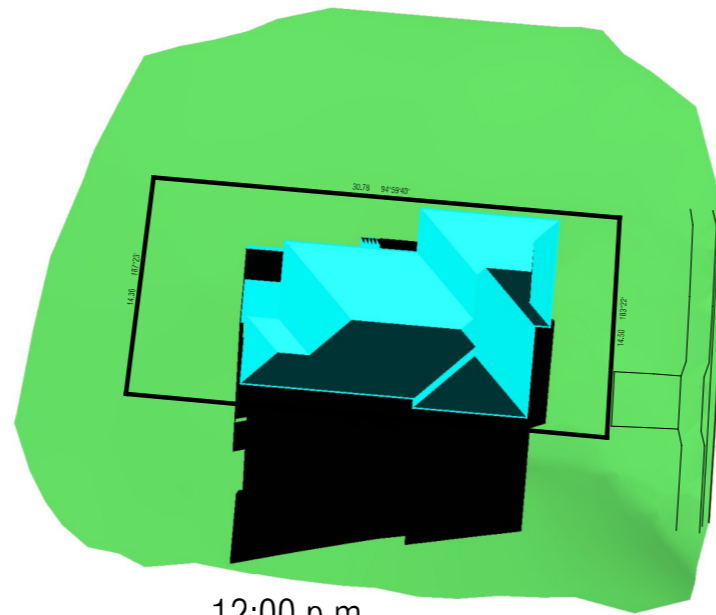
10:00 a.m.

PETRA DRIVE



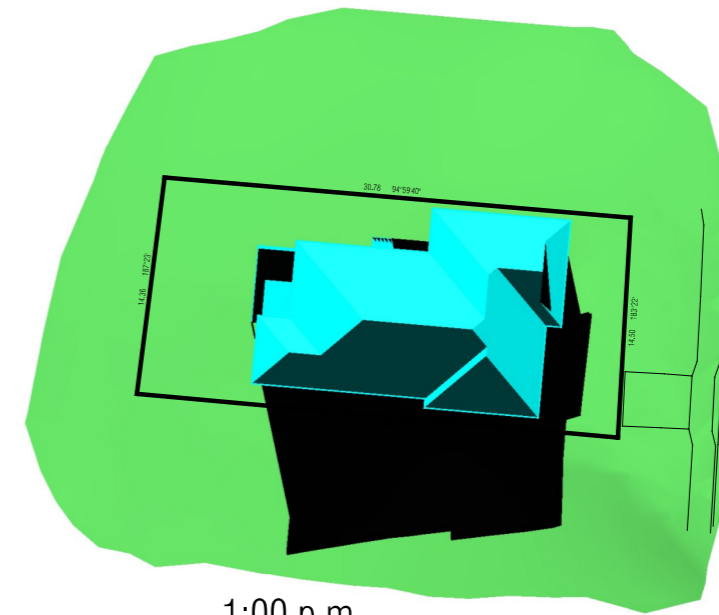
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PETRA DRIVE



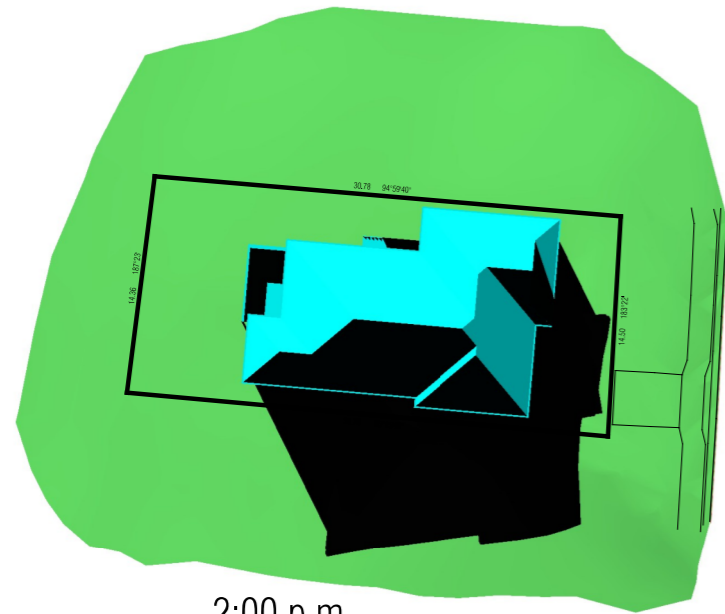
12:00 p.m.

PETRA DRIVE



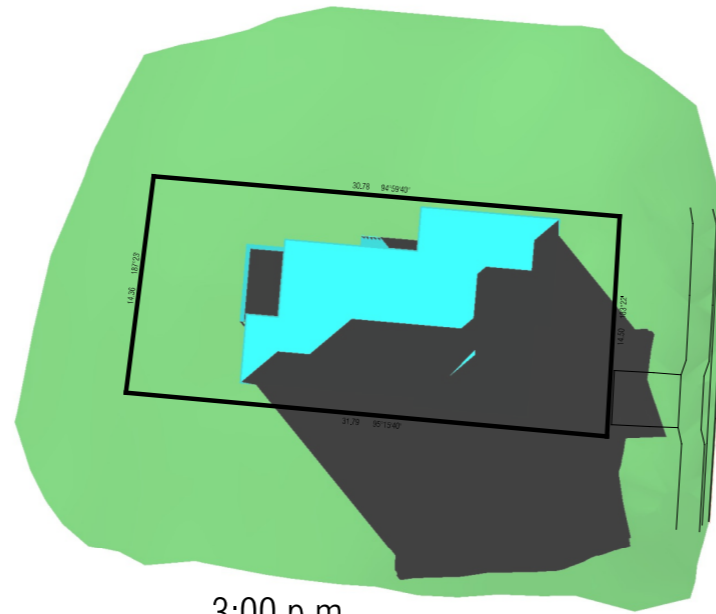
1:00 p.m.

PETRA DRIVE



2:00 p.m.

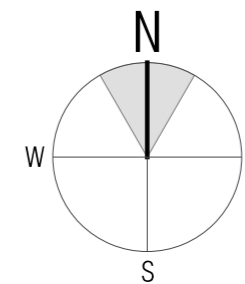
PETRA DRIVE



3:00 p.m.

PETRA DRIVE

PROPOSED DWELLING FOR TAYLOR
 AT 13 STREAMSIDE WAY, KINGSTON



BAL- LOW

See sheet 13 for
 Bushfire Attack Level
 construction requirements

REVISION	DATE	DESCRIPTION
B	15 August 2025	Changes as described on Cover Sheet

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 SHADOW DIAGRAMS
 DATE: 12/08/25
 FILE NAME: H1378 DA 300525.dgn
 DRAWN BY: PC

DWG No:

THIS PLAN IS ACCEPTED BY:

PLEASE NOTE: no variations will be permitted after plans are signed by the client (with exception of Council requirements / approvals).
SIGNATURE:

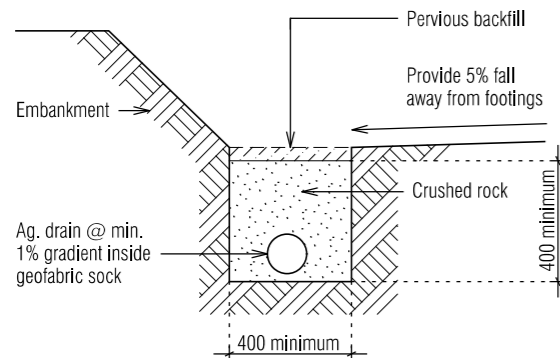
DATE:



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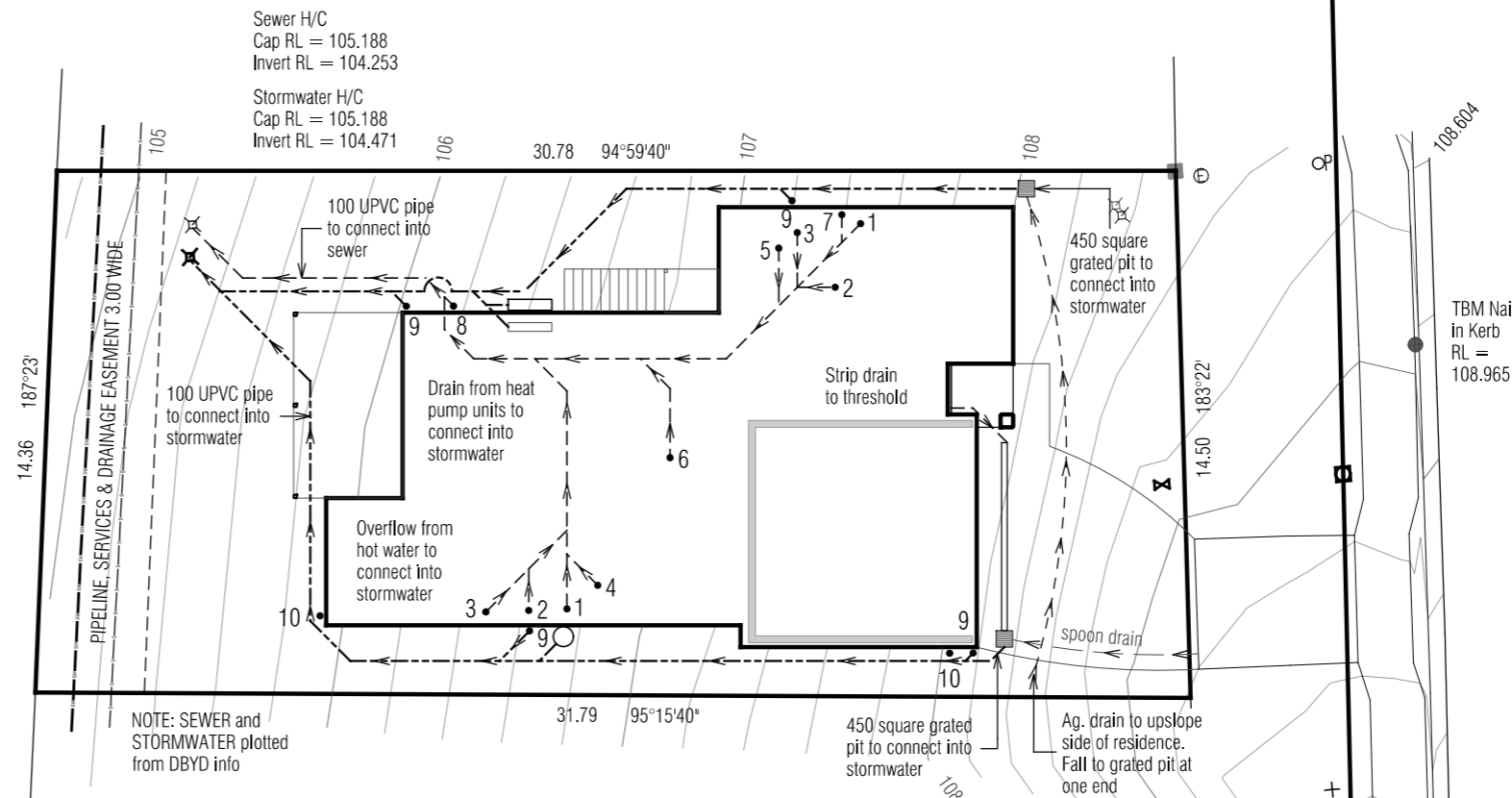
PETRA DRIVE



All materials and construction to comply with AS/NZS3500, 2015 and to be inspected and approved by a qualified engineer.

DRAINAGE LEGEND

1	WC	100 dia
2	HANDBASIN	40 dia
3	SHOWER	50 dia
4	BATH	40 dia
5	LAUNDRY TROUGH	50 dia
6	KITCHEN SINK	50 dia
7	VENT	50 dia
8	TAP CHARGED ORG min. 150mm below FFL	
9	DOWNPIPE	90 dia
10	TAP	
11	INSPECTION OPENING TO GROUND LEVEL	
f/w	FLOOR WASTE	



- LOT BOUNDARY
- - - EASEMENT BOUNDARY
- BITUMEN EDGE
- KERB INVERT
- KERB BACK
- FOOTPATH
- DRIVEWAY
- HOUSE
- RIDGE LINES
- - - GUTTER LIP
- - - FENCE
- TITLE PEG
- NAIL
- ⊗ STORMWATER HOUSE CONNECTION
- ⊙ ELECTRICITY MAIN
- ⊕ POLE WITH LIGHT ONLY
- ⊗ CABLE HYDRO UNDERGROUND
- ⊗ TELSTRA PIT
- ⊗ CABLE TELSTRA UNDERGROUND
- ⊗ SEWER HOUSE CONNECTION
- ⊗ WATER MAIN
- ⊗ METER WATER

DRIVEWAY INFORMATION
Average 1:19 downslope from crossover to garage entrance. Provide grated drain and pit to garage entrance. Provide spoon drain to side of driveway. Connect spoon drain into grated pit. Connect pit into stormwater. Driveway and path to be concrete, by builder.

PROPOSED DWELLING FOR RAYNER AT 30 PETRA DRIVE, RISDON VALE

Scale 1:200

BAL- LOW
See sheet 13 for Bushfire Attack Level construction requirements

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DRAWING: DRAINAGE PLAN
DATE: 05/08/25
FILE NAME: H1380 DA 260625.dgn
DRAWN BY: PC

DWG No:

02

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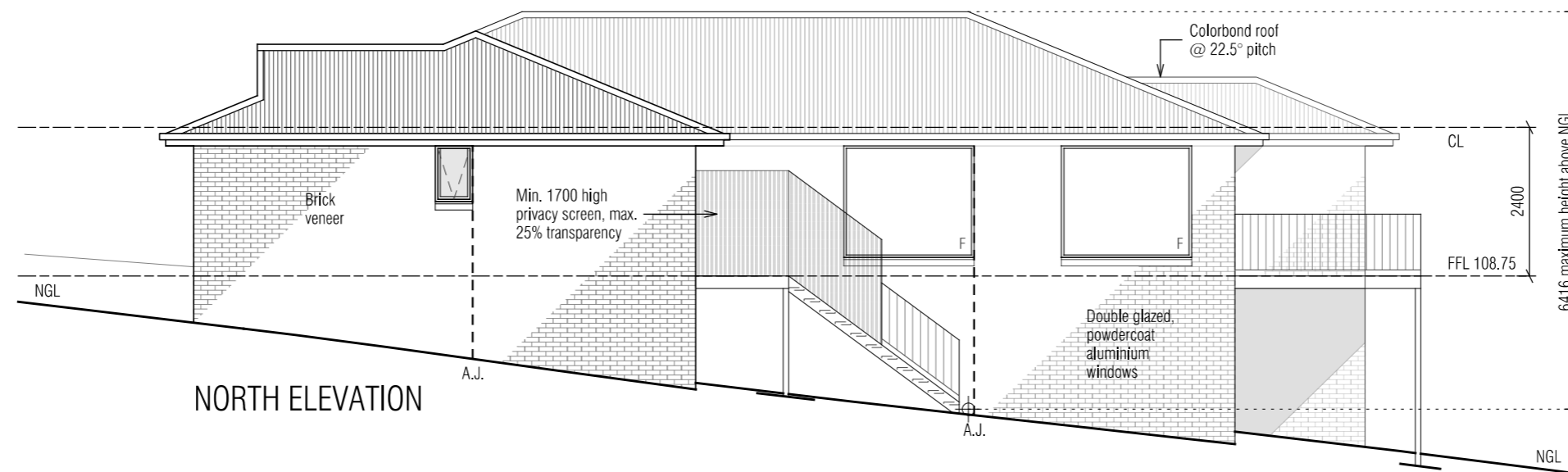
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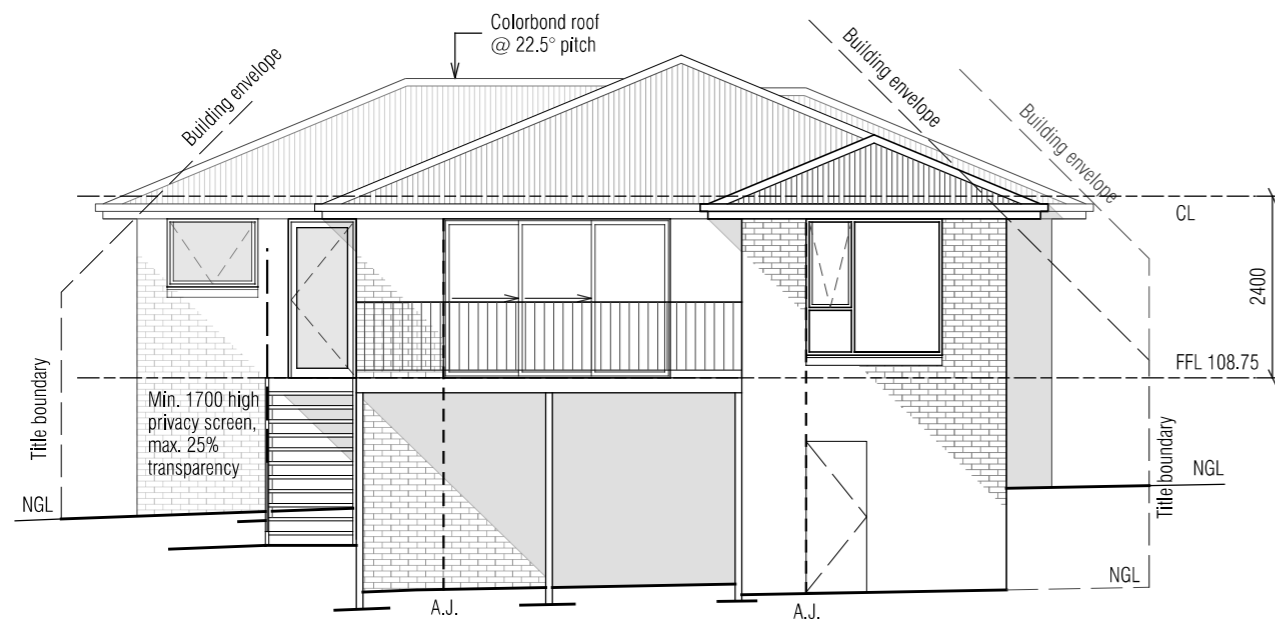


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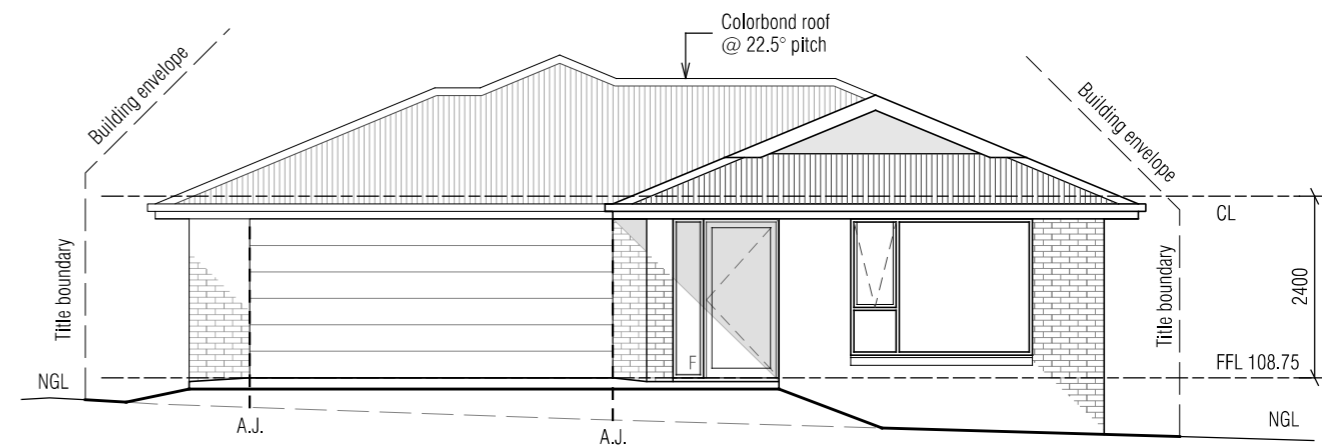
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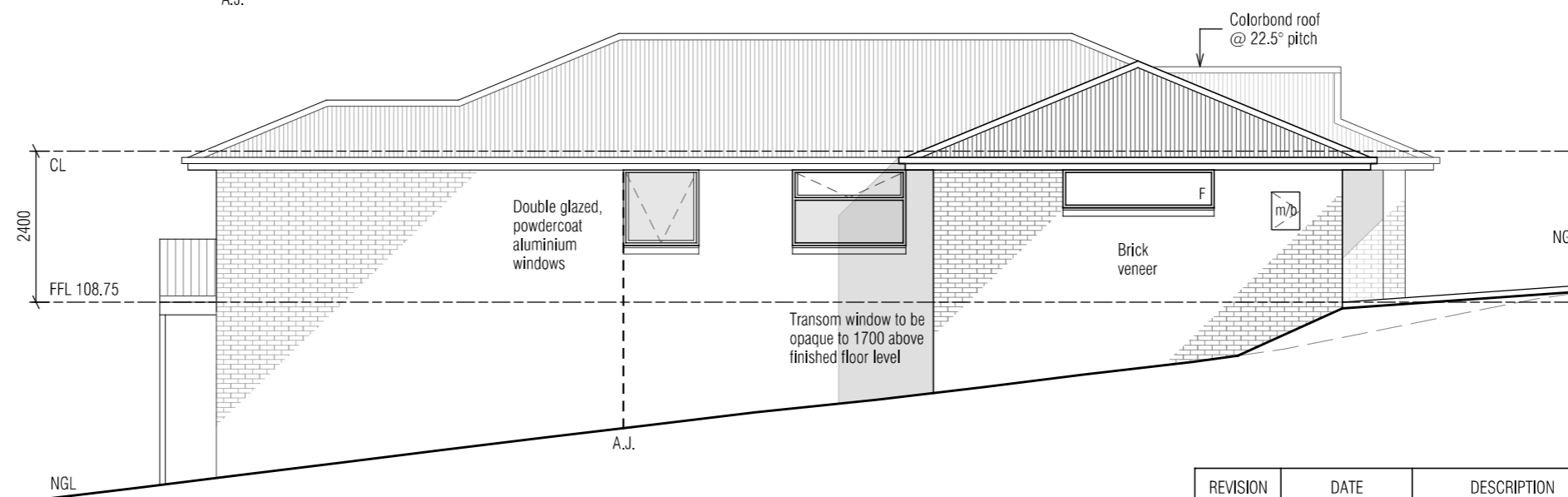
NORTH ELEVATION



WEST ELEVATION



EAST ELEVATION



SOUTH ELEVATION

**PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE**

BAL- LOW

See sheet 13 for
Bushfire Attack Level
construction requirements

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REVISION	DATE	DESCRIPTION
A	8 July 2025	Changes as described on Cover Sheet
B	15 August 2025	Changes as described on Cover Sheet

DRAWING: ELEVATIONS
DATE: 15/08/25
FILE NAME: H1380 DA 260625.dgn
DRAWN BY: PC

DWG No:

Scale 1:100

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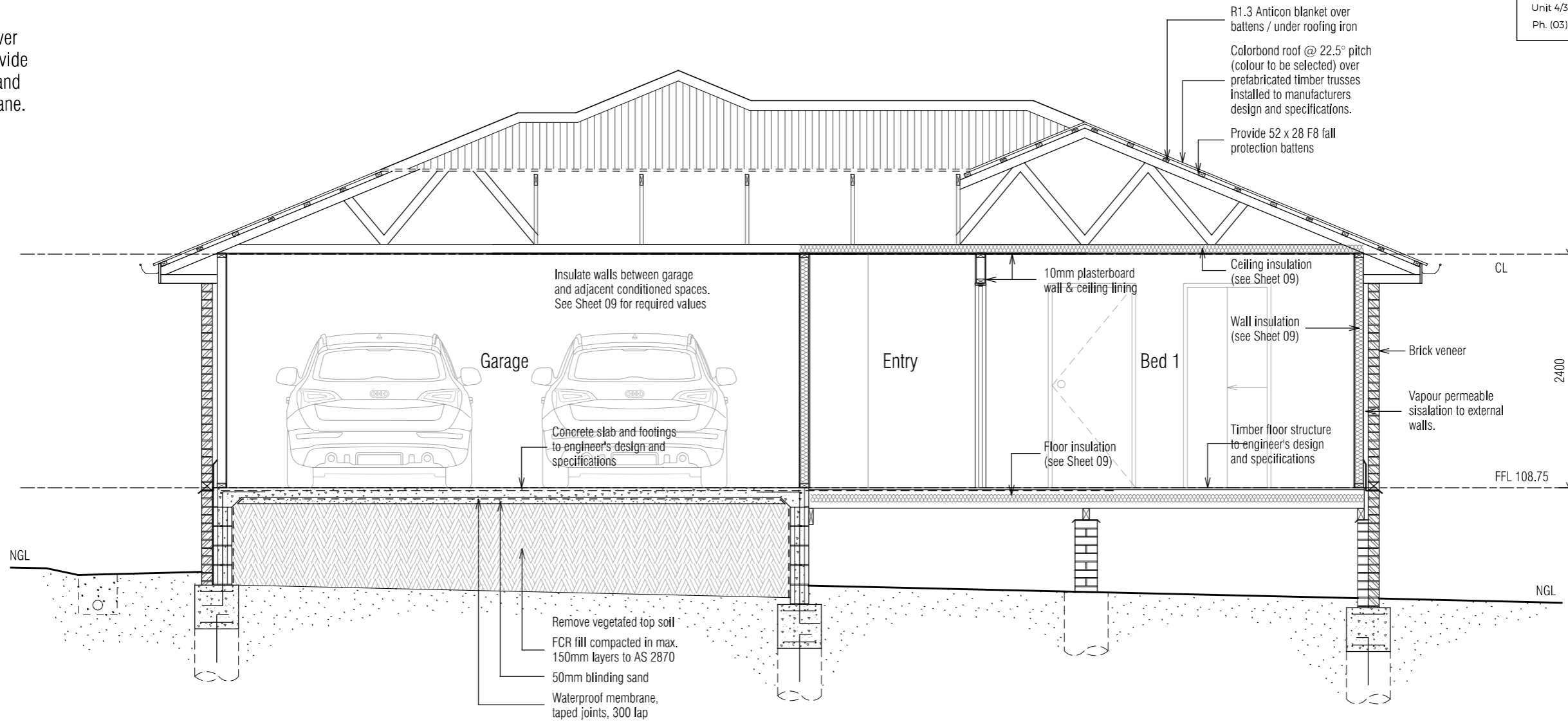
DATE:



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IMPORTANT NOTE:
Cladding to be installed over min. 10mm battens to provide airflow between cladding and vapour permeable membrane.



SECTION

A

Scale 1:50

03

Scale 1:50

PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE

BAL- LOW

See sheet 13 for
Bushfire Attack Level
construction requirements

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DRAWING: SECTION
DATE: 01/08/25
FILE NAME: H1380 DA 260625.dgn
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DWG No:

05

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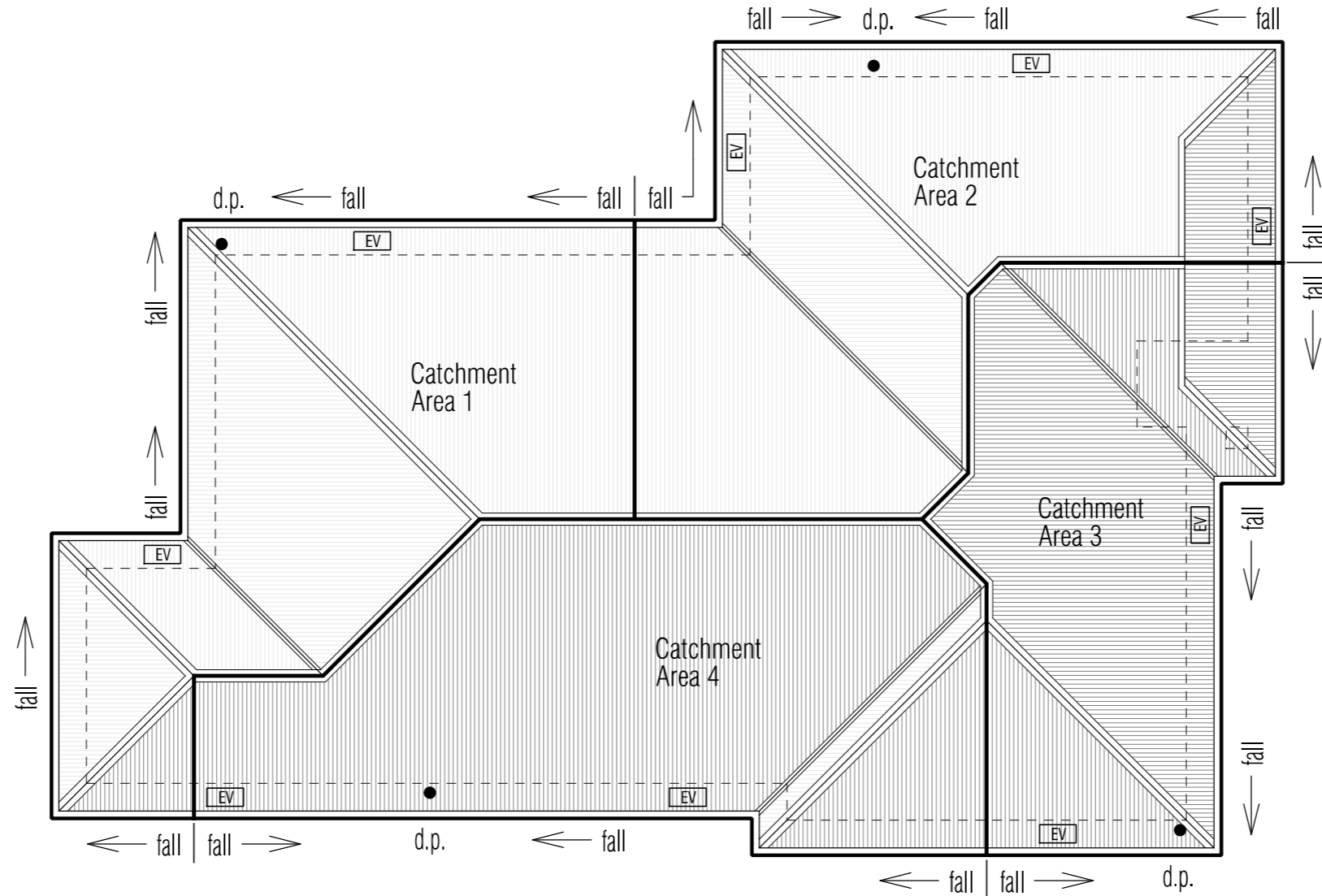
DATE:

Scale 1:100

ROOF VENTILATION CALCULATIONS
(23° hip roof)

200 x 400 eaves vents (0.08m²)
Ceiling area = 155.3m² / 300 = 0.518m²
30% of 0.518m² = 0.155m²
0.155m² / 0.08m² = 1.9 (x 2) = 4 ridge vents
70% of 0.518 m² = 0.363m²
0.363m² / 0.08m² = 4.5 (x 2) = 9 eaves vents
RV 200 x 400 ridge vent (50% opening)
EV 200 x 400 eaves vent (50% opening)

NOTE:
Ensure continuous gap in sarking at ridge to provide for ridge ventilation.



DOWNPIPE & ROOF CATCHMENT AREA CALCULATIONS (as per NCC Part 3.5.2)		
Ah	210.4	Area of roof (including 115mm Quad Gutter) (m ²)
Ac	254.6	Ah x slope factor (determined from Table 3.2 from AS/NZS 3500.3) (m ²)
Gutter type	A	Cross sectional area 6500mm ² (determined from NCC Table 3.5.2.2)
DRI	85	Design Rainfall Intensity Hobart (determined from NCC Table 3.5.2.1)
Acdp	70	Catchment area per 90mm downpipe (determined from NCC Table 3.5.2.2)
Downpipes Required	4	$\frac{Ac}{Acdp}$
Downpipes Provided	4	

PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE



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CATCHMENT AREA NOTES:
Colorbond hip roof @ 22.5° pitch
CATCHMENT AREA 1 = 67.0m²
CATCHMENT AREA 2 = 68.6m²
CATCHMENT AREA 3 = 51.3m²
CATCHMENT AREA 4 = 67.8m²

- denotes roof area
- d.p. ● denotes downpipe
- ← denotes direction of fall
- RV denotes 200 x 400 ridge vent
- EV denotes 200 x 400 eaves vent

IMPORTANT NOTES:
The position and quantity of downpipes are not to be altered without consulting with designer. Areas shown are surface / catchment areas NOT plan areas.
All roof areas shown are indicative only and not to be used for any other purpose.
Roof space must be vented. Eave vents must be fitted to the soffit with BAL compliant, non-combustible ember mesh installed. Vents must be in accordance with the NCC, BCA 2022, Volume 2, Part 10.8.3 'Ventilation of Roof Spaces' and AS 3959.

BAL- LOW

See sheet 13 for
Bushfire Attack Level
construction requirements

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DRAWING: ROOF PLAN
DATE: 01/08/25
FILE NAME: H1380 DA 260625.dgn
DRAWN BY: PC

DWG No:

THIS PLAN IS ACCEPTED BY:

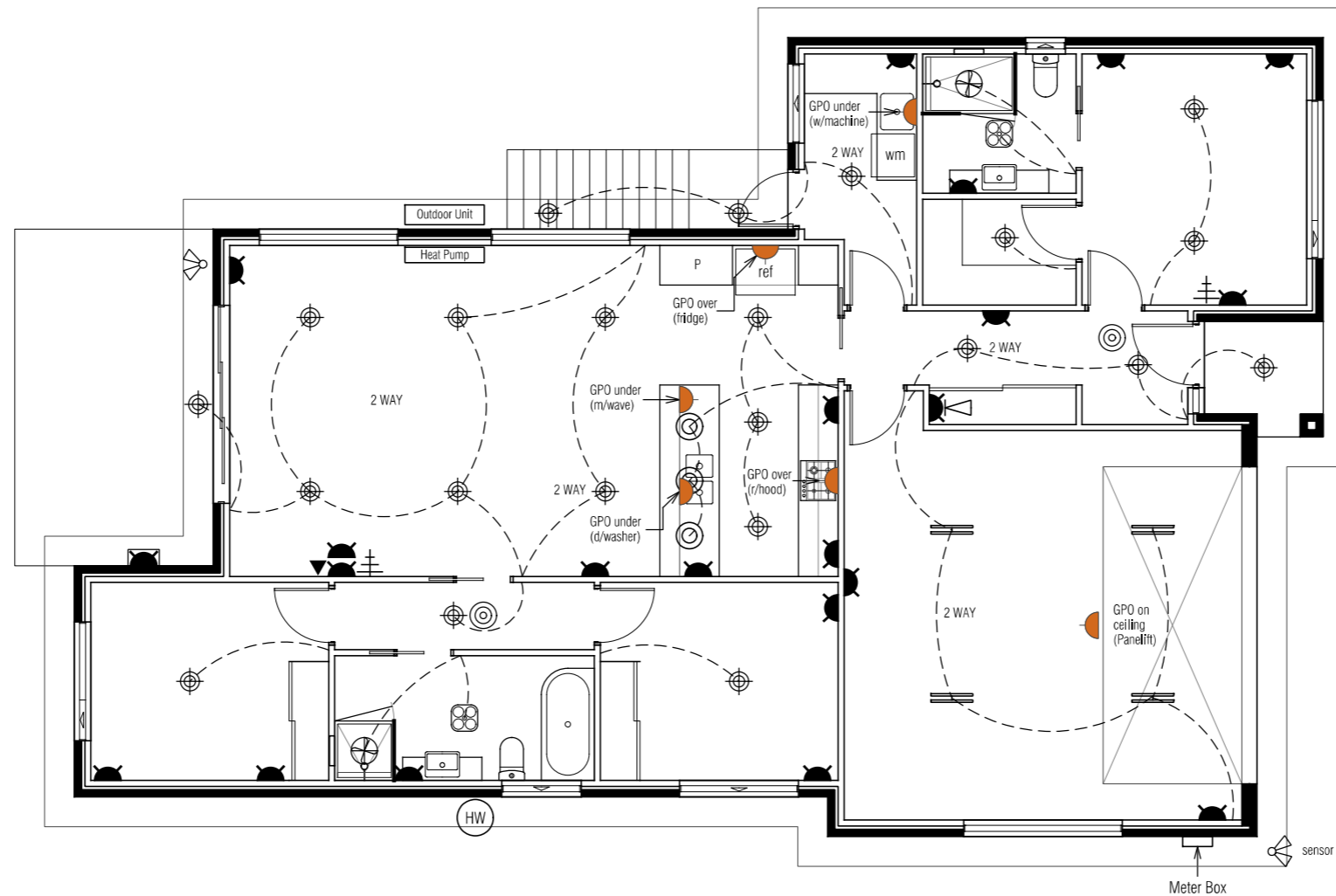
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- Fluorescent light (19 W)
- Ducted exhaust fan
- LED spotlight (sensor)
- 4-light Tastic (10W centre light only)
- Pendant light (28W)
- LED downlight (12W)
- Single GPO
- Double GPO
- Double GPO (exterior)
- Smoke alarm
- Phone / NBN point
- TV point
- Data point

IMPORTANT NOTES:
Smoke alarms are to be installed in accordance with the NCC 9.5. Smoke alarms are to be interconnected where more than one alarm is installed.
Toilet & bathroom fans to be min. 25L/s and to be ducted directly to outside where possible.
Kitchen & laundry fans to be min. 40L/s and to be ducted directly to outside where possible.
All downlights are to be sealed and IC-F rated.

BAL- LOW

See sheet 13 for Bushfire Attack Level construction requirements

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DRAWING: ELECTRICAL PLAN
DATE: 15/08/25
FILE NAME: H1380 DA 260625.dgn
DRAWN BY: PC

DWG No:

07

Scale 1:100

PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE

REVISION	DATE	DESCRIPTION
B	15 August 2025	Changes as described on Cover Sheet

THIS PLAN IS ACCEPTED BY:

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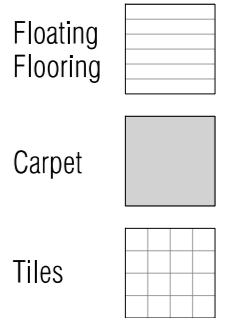


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FLOORING LEGEND



BAL- LOW

See sheet 13 for Bushfire Attack Level construction requirements

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DRAWING: FLOORING LAYOUT PLAN
DATE: 15/08/25
FILE NAME: H1380 DA 260625.dgn
DRAWN BY: PC

DWG No:

08

PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE

Scale 1:100

REVISION	DATE	DESCRIPTION
B	15 August 2025	Changes as described on Cover Sheet

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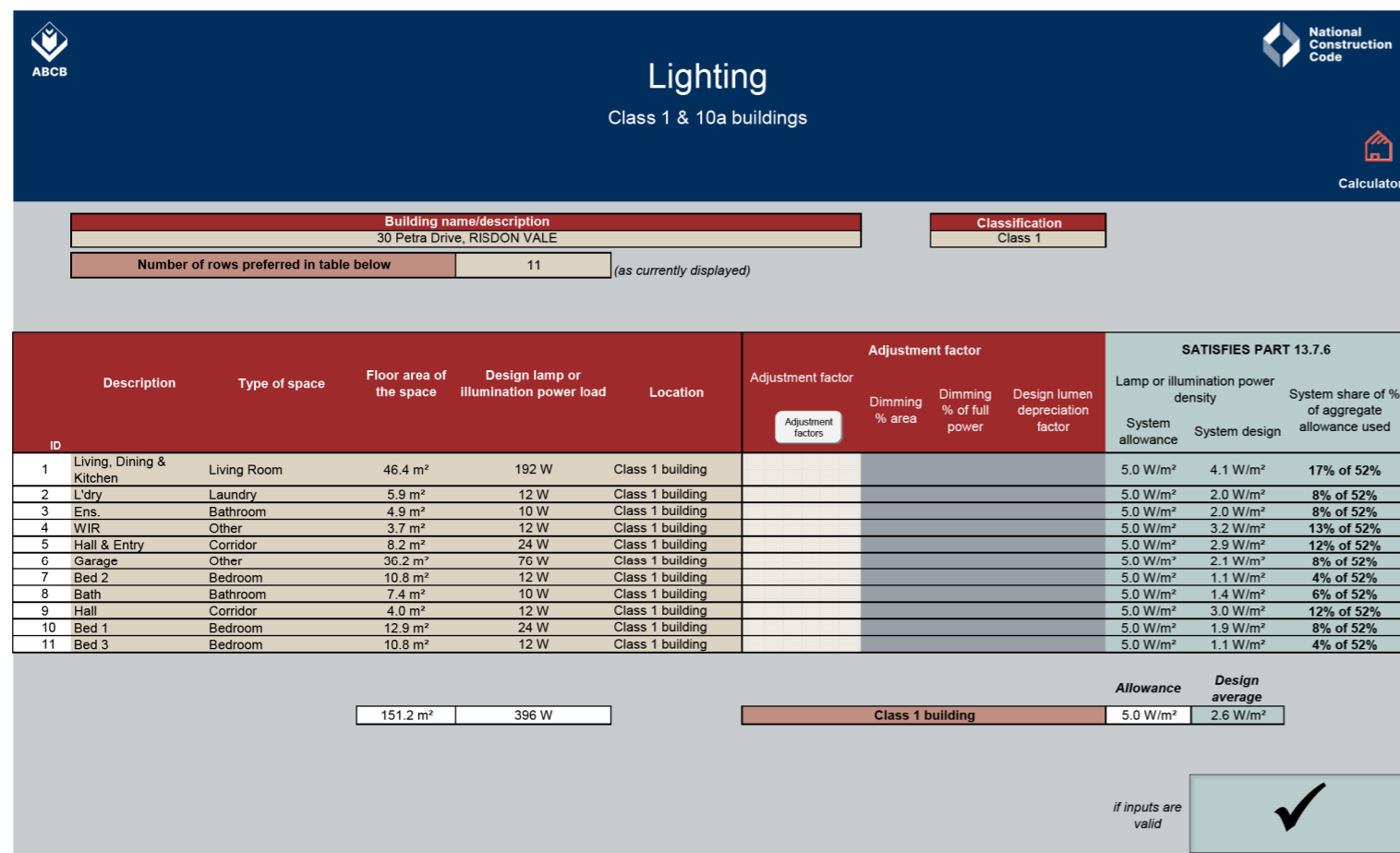
DATE:



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LIGHTING CALCULATIONS




Lighting
Class 1 & 10a buildings

Building name/description: 30 Petra Drive, RISDON VALE
Classification: Class 1

ID	Description	Type of space	Floor area of the space	Design lamp or illumination power load	Location	Adjustment factor			SATISFIES PART 13.7.6		
						Adjustment factors	Dimming % area	Dimming % of full power	System allowance	Lamp or illumination power density	System share of % of aggregate allowance used
1	Living, Dining & Kitchen	Living Room	46.4 m ²	192 W	Class 1 building				5.0 W/m ²	4.1 W/m ²	17% of 52%
2	L'dry	Laundry	5.9 m ²	12 W	Class 1 building				5.0 W/m ²	2.0 W/m ²	8% of 52%
3	Ens	Bathroom	4.9 m ²	10 W	Class 1 building				5.0 W/m ²	2.0 W/m ²	8% of 52%
4	WIR	Other	3.7 m ²	12 W	Class 1 building				5.0 W/m ²	3.2 W/m ²	13% of 52%
5	Hall & Entry	Corridor	8.2 m ²	24 W	Class 1 building				5.0 W/m ²	2.9 W/m ²	12% of 52%
6	Garage	Other	36.2 m ²	76 W	Class 1 building				5.0 W/m ²	2.1 W/m ²	8% of 52%
7	Bed 2	Bedroom	10.8 m ²	12 W	Class 1 building				5.0 W/m ²	1.1 W/m ²	4% of 52%
8	Bath	Bathroom	7.4 m ²	10 W	Class 1 building				5.0 W/m ²	1.4 W/m ²	6% of 52%
9	Hall	Corridor	4.0 m ²	12 W	Class 1 building				5.0 W/m ²	3.0 W/m ²	12% of 52%
10	Bed 1	Bedroom	12.9 m ²	24 W	Class 1 building				5.0 W/m ²	1.9 W/m ²	8% of 52%
11	Bed 3	Bedroom	10.8 m ²	12 W	Class 1 building				5.0 W/m ²	1.1 W/m ²	4% of 52%

Allowance: 151.2 m² 396 W Class 1 building 5.0 W/m² Design average: 2.6 W/m²

if inputs are valid 

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By accessing or using this calculator, you agree to the following. While care has been taken in the preparation of this calculator, it may not be complete or up-to-date. You can ensure that you are using a complete and up-to-date version by checking the Australian Building Codes Board website (abc.gov.au). The Australian Building Codes Board, the Commonwealth of Australia and States and Territories of Australia do not accept any liability, including liability for negligence, for any loss (howsoever caused), damage, injury, expense or cost incurred by any person as a result of accessing, using or relying upon this publication, to the maximum extent permitted by law. No representation or warranty is made or given as to the currency, accuracy, reliability, merchantability, fitness for any purpose or completeness of this publication or any information which may appear on any linked websites, or in other linked information sources, and all such representations and warranties are excluded to the extent permitted by law. This calculator is not legal or professional advice. Persons rely upon this calculator entirely at their own risk and must take responsibility for assessing the relevance and accuracy of the information in relation to their particular circumstances.

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WINDOW SCHEDULE

WINDOW MANUFACTURER: *GLASS SUPPLIES*

Window Number	Type	ID	Size	Glass	Uw	SHGC
W01	AW	AWS-008-01	18-21	Clear	4.30	0.55
W02	FW	AWS-067-08	18-21	Clear	3.20	0.68
W03	FD	AWS-019-01	21-09	Opaque	4.10	0.50
W04	AW	AWS-008-01	12-12	Clear	4.30	0.55
W05	AW	AWS-008-01	09-06	Opaque	4.30	0.55
W06	AW	AWS-008-01	18-24	Clear	4.30	0.55
W07	FW	AWS-067-08	21-04	Clear	3.20	0.68
W08	AW	AWS-008-01	06-24	Clear	4.30	0.55
W09	TW	AWS-008-01	12-18	Part Opaque	4.30	0.55
W10	AW	AWS-008-01	12-12	Opaque	4.30	0.55
W11	AW	AWS-008-01	18-18	Clear	4.30	0.55
W12	SD	AWS-013-01	21-30	Clear	4.00	0.61

LEGEND:
SW = Sliding window, AW = Awning window, FW = Fixed window, SD = Sliding door, BF = Bi-fold Door or Window, FD = French door, TW = Transom Window

NOTE:
Windows supplied MUST HAVE Uw, SHGC & Air infiltration performance values EQUAL TO or BETTER THAN those specified above.
* Glass specification may change to comply with BAL requirements (Refer to sheet 13)

INSULATION

INSULATION SCHEDULE

AREA	INSULATION DETAILS
Roof	R1.3 anticon blanket under iron / over battens.
Ceiling	R4.0 bulk insulation (or equivalent).
Walls (external)	R2.0 bulk insulation (or equivalent) with 1 layer of vapour permeable sisalation.
Walls (internal)	R2.0 bulk insulation (or equivalent) to all internal walls adjoining unconditioned spaces.
Floors	R2.0 bulk insulation (or equivalent) to all timber floors above sub-floor and other unconditioned spaces below.

NOTE:
Clearance is required for uncompressed installation of bulk insulation and timbers should be sized accordingly:
220mm for R4.1 bulk insulation;
240mm for R5.0 bulk insulation;
260mm for R6.0 bulk insulation;
290mm for R7.0 bulk insulation.
These dimensions are nominal and may vary depending on the type of insulation to be installed.

BAL- LOW

See sheet 13 for Bushfire Attack Level construction requirements

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DRAWING: LIGHTING CALCULATIONS, INSULATION & WINDOW SCHEDULE
DATE: 15/08/25
FILE NAME: H1380 DA 260625.dgn
DRAWN BY: PC

DWG No:

09

REVISION	DATE	DESCRIPTION
B	15 August 2025	Changes as described on Cover Sheet

PROPOSED DWELLING FOR RAYNER AT 30 PETRA DRIVE, RISDON VALE

NOTES:
3.12.5.5 - ARTIFICIAL LIGHTING
* Lamp power density or illumination power density of artificial lighting, excluding heaters that emit light, must not exceed the allowance of:
(i) 5W per m² in Class 1 building;
(ii) 4W per m² on a verandah, balcony or the like attached to a Class 1 building (not including eave perimeter lights);

(iii) 3W per m² in a Class 10a building associated with a Class 1 building.

* The illumination power density allowance must be increased by dividing it by the illumination power density adjustment factor for a control device as per BCA 2014 Table 3.12.5.3.

NCC VOLUME 2, CLASS 1 & 1a COMPLIANCE NOTES



SITE PREPARATION

Excavation and filling of site to be in accordance with NCC Part 3.1 and AS 2870.

Drainage works to be in accordance with NCC Part 3.1 & AS 3500.3.2.

Surface drainage - finished ground to fall away from building 50mm in 1000mm.

Finished slab level to be;

Minimum 150 above finished ground;

Minimum 50 above paved surfaces;

Prevent ponding of water under suspended floors.

All embankments that are left exposed must be stabilised with vegetation or similar to prevent erosion.

Embankments cannot exceed 2.0m in height without the aid of retaining walls or other approved types of soil retaining methods.

All unprotected embankments must comply with the slope ratios for soil type in NCC Table 3.2.1.

SOIL TYPE / CLASSIFICATION	EMBANKMENT SLOPE	
	Cut	Compacted Fill
STABLE ROCK (A)	8:1	3:3
SAND (A)	1:2	1:2
FIRM CLAY (M-E)	1:1	1:2
SOFT CLAY (M-E)	2:3	Not Suitable

FOOTINGS AND SLABS

Generally to be in accordance with NCC Part 4.2 (H1D4) and AS 2870.

Preparation for placement of concrete and reinforcement to be to AS 2870.

Concrete & steel reinforcement to be in accordance with AS 2870 & AS/NZS 3500.

The site classification to be in accordance with AS 2879.

Alternatively, footings & slabs to be in accordance with structural engineers design & specifications.

MASONRY

Generally masonry walls to be constructed in accordance with NCC Part 5 & AS 3700.

Un-reinforced masonry to NCC 5.2 & 5.3;

Reinforced masonry to NCC 5.4;

Masonry accessories to NCC 5.6;

Vertical articulation joints to NCC 5.6.8;

Weatherproofing of to NCC 5.7.

FRAMING

Timber framing to be in accordance with AS 1684.

Manufactured timber members to be in accordance with prescribed framing manual.

Sub-floor ventilation in accordance with NCC 6.2.

Sub-floor area to be clear of organic materials & rubbish.

Provide vent openings in substructure walls at a rate of not less than 6000mm² per meter of wall length, with vents not more than 600mm from corners.

150mm clearance required to underside of floor framing members unless specified otherwise by flooring material specification.

Tie down and bracing of frame to be in accordance with AS 1684 & AS 4055.

Structural steel framing to be in accordance with NCC 6.3, AS 1250, AS 4100 & structural engineers design & specifications.

ROOF AND WALL CLADDING

Generally to be in accordance with NCC 3.5.

Roof cladding to be in accordance with NCC 3.5.1 and;

Roof tiles to AS 2049 & AS 2050;

Metal sheet roofing to AS 1562.1;

Plastic sheet roofing to AS 4256.1, .2, .3 & .5 and AS 1562.3;

Gutters and downpipes, generally to be in accordance with NCC 7.4 & AS 3500.3.2 and The Tasmanian Plumbing Code.

Eaves, internal and valley guttering to have cross sectional area of 6500mm².

Roof space must be vented. Eave vents must be fitted to the soffit with BAL compliant, non-combustible ember mesh installed. Vents must be in accordance with the NCC 10.8.3 'Ventilation of Roof Spaces' and AS 3959.

Wall cladding to be installed in accordance with NCC 7.5 and manufacturer's specification. Flashings and cappings to NCC 7.2.7.

GLAZING

Generally glazing to be in accordance with NCC Part 8 and AS 1288.

Refer to window legend for sizes and type.

Windows to comply with NCC 8.4 'Protection of Openable Windows'.

Glazing to comply with NCC (H1D8) 8.2, 8.3 & 8.4.

BAL REQUIREMENTS:

Glazing to comply with AS 3959 - 2009 Section 3.9 'Construction of Buildings in Bushfire-prone Areas' where applicable. Window weatherproofing to AS 2047.

FIRE SAFETY

Generally to be in accordance with NCC Part 9.

Fire separation to be in accordance with NCC 9.2. External walls and gable ends constructed within 900 of boundary are to extend to underside of non-combustible roofing / eaves and are to be constructed of a masonry skin 90 thick with FRL of 60/60/60.

Sarking to have a flammability index less than 5.

Roof lights not to be placed closer than 900 from boundary.

Smoke alarm installations to be in accordance with NCC 9.5. Locations indicated on the floor plan.

Smoke alarms are to be interconnected where more than 1 smoke alarm is installed.

Installation locations;

CEILINGS - 300 away from wall junction;

CATHEDRAL CEILINGS - 500 down from apex;

WALLS - 300 down from ceiling junction.

Heating appliances generally to NCC 12.4 and to be in compliance with AS 2918. Also refer to manufacturer's details and specifications for setbacks to adjacent combustible surfaces, flue installation and required hearth dimensions.

Construction in Bush Fire Area to be in accordance with AS 3959.

HEALTH AND AMENITY

Generally wet area waterproofing to be in accordance with NCC 10.2 and AS 3740.

Ceiling heights to be in accordance with NCC 10.3.

Construction of sanitary compartments to NCC 10.4.2.

Required facilities to NCC 10.4.1.

Provision of natural light to be in accordance with NCC 10.5.1. Windows / roof lights to provide light transmission area equal to 10% of the floor area of the room

Artificial lighting to NCC 10.5.2.

Ventilation generally to NCC Part 10.6. Exhaust fan from kitchen, laundry, bathroom & WC to be vented to outside for steel roof and to roof space for tile roof. Natural ventilation to be provided at a rate of 5% of room floor area, in accordance with NCC 10.6.2.

Mechanical ventilation to be in accordance with NCC 10.6.3 (b) & 10.8.2 or AS 1668.2

Sound insulation requirements generally to NCC Part 10.7.

SAFE MOVEMENT AND ACCESS

Stair and ramp construction to be in accordance with NCC 11.2.

Maximum of 18 risers to each flight; Riser opening to be less than 125;

Treads to have non-slip surface or nosing;

RISERS - min. 115, max. 190;

TREADS min. 240, max. 355.

Balustrade is generally in accordance with NCC 11.3.

Balustrade is required where area is not bounded by a wall or where level exceeds 1000 above floor level or ground level. 865 high on stairs, measured from line of stair nosing. 1000 high above floor or landing. Openings between balusters / infill members to be constructed so as not to allow 125 sphere to pass between members. Where floor level exceeds 4000 above lower level, infill members between 150 and 760 above floor level, to be constructed so as to restrict climbing.

Protection from openable windows for rooms other than bedrooms to NCC 11.3.8.

ANCILLARY PROVISIONS

Generally in accordance with NCC Part 12.

Heating appliances, fireplaces, chimneys and flues to NCC Part 12.4.

OPEN FIREPLACE CONSTRUCTION to NCC 12.4.2;

CHIMNEY CONSTRUCTION to NCC 12.4.3;

INSERT FIREPLACES AND FLUES to NCC 12.4.4;

FREESTANDING HEATING APPLICANCES to NCC 12.4.5

ENERGY EFFICIENCY

Generally in accordance with BCA 2019 Part 3.12

Climate Zone 7 applicable to Tasmania (Zone 8 applicable to Alpine areas)

BUILDING FABRIC INSULATION-

Insulation to be fitted to form continuous barrier to roof / ceiling, walls and floors.

REFLECTIVE BUILDING MEMBRANE-

To be 'vapour permeable' with a minimum value of 4ug/Ns, installed to form 20mm airspace between reflective faces and external lining/ cladding, fitted closely up to penetrations/ openings, adequately supported and joints to be lapped minimum 150.

BULK INSULATION-

To maintain thickness and position after installation. Continuous cover without voids except around services/fittings.

ROOF INSULATION-

Roof construction to achieve minimum additional R Value of R4.0 unless noted otherwise. Roof lights to comply with 3.12.1.3.

EXTERNAL WALLS-

External wall construction to achieve minimum additional R Value of R2.5 unless noted otherwise. Wall surface density minimum - 220kg/m²

FLOORS-

Generally in accordance with 3.12.1.5. Suspended floor with an unenclosed perimeter required to achieve a minimum Total R Value of R2.0. Concrete slab on ground with an in slab heating system to be insulated to R1.0 around vertical edge of slab perimeter.

ATTACHED CLASS 10a BUILDING-

External wall or separating wall between Class 1 building is required to achieve minimum Total R-Value of R1.9.

All hot water plumbing to be insulated in accordance with AS/NZS 3500:

Plumbing and Drainage, Part 4 Heated Water Services.

Thermal insulation for central heating piping to NCC 13.7.2 and 13.7.3.

Heating and cooling ductwork to NCC 13.7.4

Chimneys or flues to be fitted with sealing damper or flap. Roof lights to habitable rooms to be fitted with operable or permanent seal to minimise air leakage. External windows & doors to habitable rooms / conditioned spaces to be fitted with air seal to restrict air infiltrations. Exhaust fans to habitable rooms / conditioned spaces to be fitted with self-closing damper or filter. Building envelope to be constructed to minimise air leakage. Construction joints and junctions or adjoining surfaces to be tight fitting and sealed by caulking, skirting, architraves and cornices. Windows and external door weatherproofing to AS 2047.

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BAL- LOW

See sheet 13 for
Bushfire Attack Level
construction requirements

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DRAWING: COMPLIANCE NOTES
DATE: 01/08/25
FILE NAME: H1380 DA 260625.dgn
DRAWN BY: PC

DWG No:

10

PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE

THIS PLAN IS ACCEPTED BY:

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STEP-FREE ACCESS PATH

A continuous path to a dwelling entrance door must be provided from -

- (1) The pedestrian entry at the allotment boundary from the ground level of the adjoining land; or
 - (a) an appurtenant Class 10a garage or carport; or
 - (b) a car parking space within the allotment that is provided for the exclusive use of the occupants of the dwelling.
 - (c) Access for the purposes of (1) must be -
- (2) via a pathway that -
 - (a) has no steps; and
 - (i) except for a step ramp provided under (5), has a maximum gradient of 1:14 in the direction of travel; and
 - (ii) if crossfall is provided, has a crossfall not more than 1:40; and
 - (iii) has a minimum width of 1000mm; and
 - (iv) if it incorporates a section suspended above finished ground level, is able to take loading forces in accordance with AS/NZS 1170.1; and
 - (v) connects to a dwelling entrance door that complies with Section 2; or
 - (vi) provided directly from an attached Class 10a garage or carport, via a door complying with the requirements of Section 2, other than Clause 2.3.
- (3) For the purposes of (2), the following applies:
 - (a) Any gates along the access path must have a minimum clear opening width of 820mm, measured as if the gate were an entrance door.
 - (b) A deck or boardwalk-style path constructed in accordance with AS 1684 or NASH Standard – Residential and Low-rise Steel Framing would satisfy the requirements of (2)(a)(v).
- (4) Where one or more ramps are used, the following applies:
 - (a) The aggregate length of ramping (excluding landings) must not be more than—
 - (i) 9 m for a 1:14 gradient; or
 - (ii) 15 m for a 1:20 gradient; or
 - (iii) a length determined by linear interpolation for ramps with a gradient between 1:14 and 1:20.
 - (b) The minimum width of the ramp must be maintained at 1000mm between any handrails and/or kerbs (if provided) at each side of the ramp.
 - (c) At each end of a ramp there must be a landing that is -
 - (i) not less than 1200mm long; and
 - (ii) at least as wide as the ramp to which it connects; and
 - (iii) level, or has a gradient not more than 1:40 if a gradient is necessary for drainage.
 - (d) A landing area required by Clause 2.3 may also be counted as a landing for the purposes of (c).
- (5) The access path may incorporate one step ramp having a -
 - (a) height of not more than 190mm; and
 - (b) gradient not more than 1:10; and
 - (c) width of at least 1000mm or equivalent to that of the access path, whichever is the greater; and
 - (d) maximum length of 1900mm.

THRESHOLD NOTES:

The threshold of an entrance door must -

- (a) be level; or
- (b) have a sill height of not more than 5mm if the lip is rounded or bevelled; or
- (c) have a ramped threshold that -
 - (i) does not extend beyond the depth of the door jamb; and
 - (ii) has a gradient not steeper than 1:8; and
 - (iii) is at least as wide as the minimum clear opening width of the entrance door; and
 - (iv) does not intrude into the minimum dimensions of the required landing area; or
- (d) where the requirements of (a), (b) or (c) cannot meet the weatherproofing requirements of the NCC for external entrance doors containing a raised door sill -
 - (i) have no lip or upstand greater than 15mm within the sill profile; and
 - (ii) have no more than 5mm height difference between the edge of the top surface of the sill and the adjoining finished surface.

LANDING AREA NOTES:

An entrance door must have a space of at least 1200mm x 1200mm on the external (arrival) side of the door that is -

- (a) unobstructed (other than by a gate or a screen door); and
- (b) level, or has a gradient of not more than 1:40 if a gradient is necessary to allow for drainage.

WEATHERPROOFING FOR EXTERNAL STEP-FREE ENTRANCE

Weatherproofing for an external step-free entrance must be provided in accordance with one or a combination of the following:

- (a) where the external surface is concrete or another impermeable surface, a channel drain that meets the requirements of Volume Two H2D2 is to be provided for within the entrance.
- (b) Where the external trafficable surface is decking or another raised permeable surface, a drainage surface below the trafficable surface is provided that meets the requirements of Volume T20 H2D2, and drainage gaps in the trafficable surface, such as those between decking boards, are no greater than -
 - (i) 8mm; or
 - (ii) in a 'designated bushfire prone area' that is permitted by AS 3959.
- (c) A roof covering an area no smaller than 1200mm by 1200mm, where the area is provided with a fall away from the building not greater than 1:40.

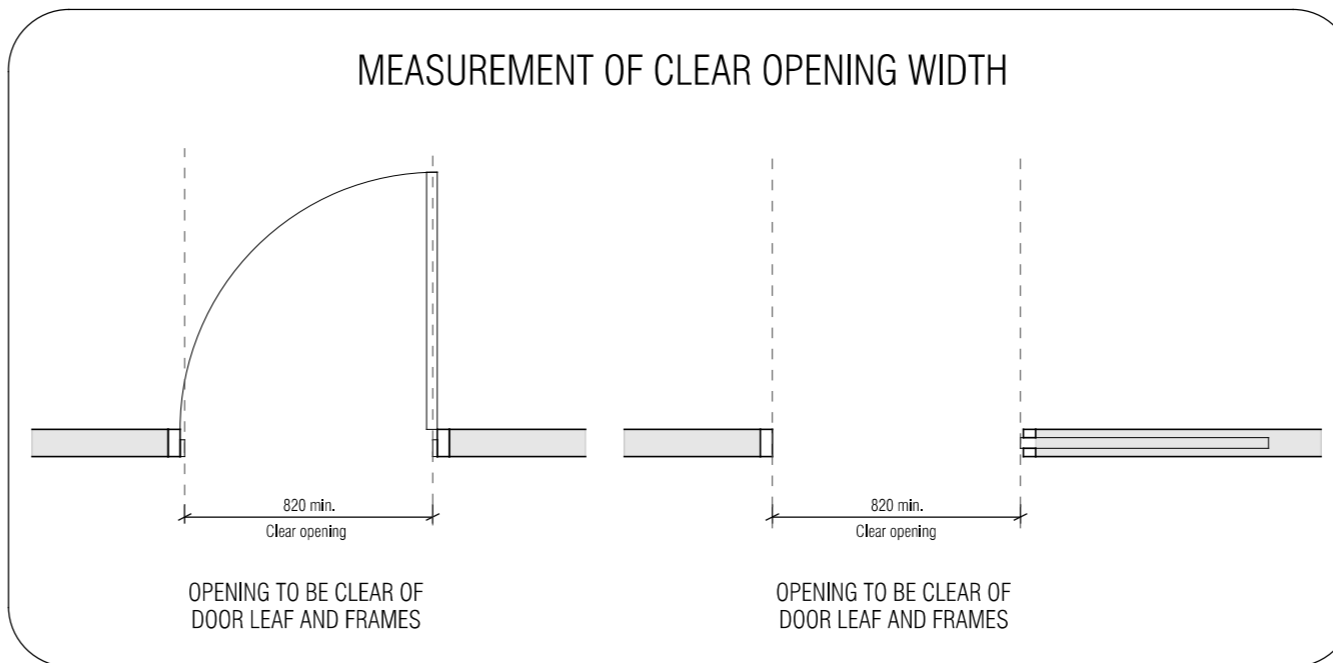
LIVEABLE HOUSING NOTES

Internal doorways must provide a minimum clear opening width of 820mm.

At least one shower must have a hobless and step-free entry. A lip not more than 5mm in height may be provided for water retention purposes.

Internal corridors, hallways, passageways or the like, if connected to a door that is subject to Clause 3.1, must have a minimum clear width of 1000mm, measured between the finished surfaces of opposing walls.

MEASUREMENT OF CLEAR OPENING WIDTH



PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE



Unit 4/37 Ascot Drive, Huntingfield, Tasmania, 7055
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BAL- LOW

See sheet 13 for
Bushfire Attack Level
construction requirements

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DATE: 01/08/25
FILE NAME: H1380 DA 260625.dgn
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10a

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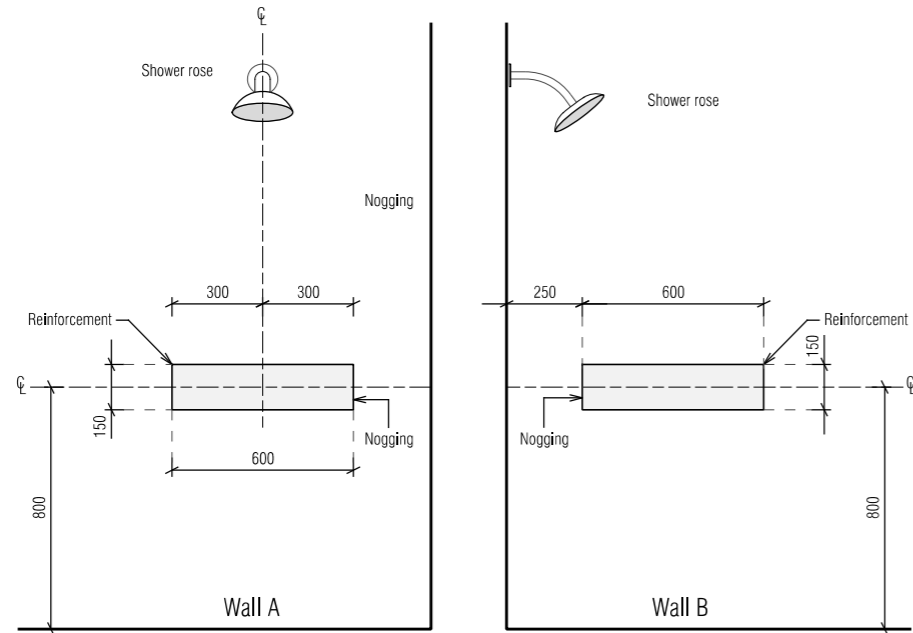
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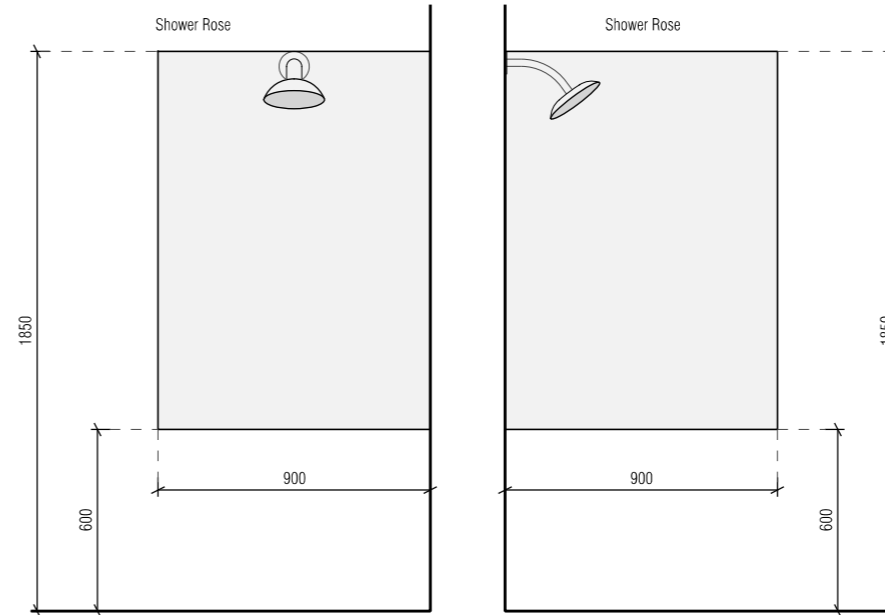


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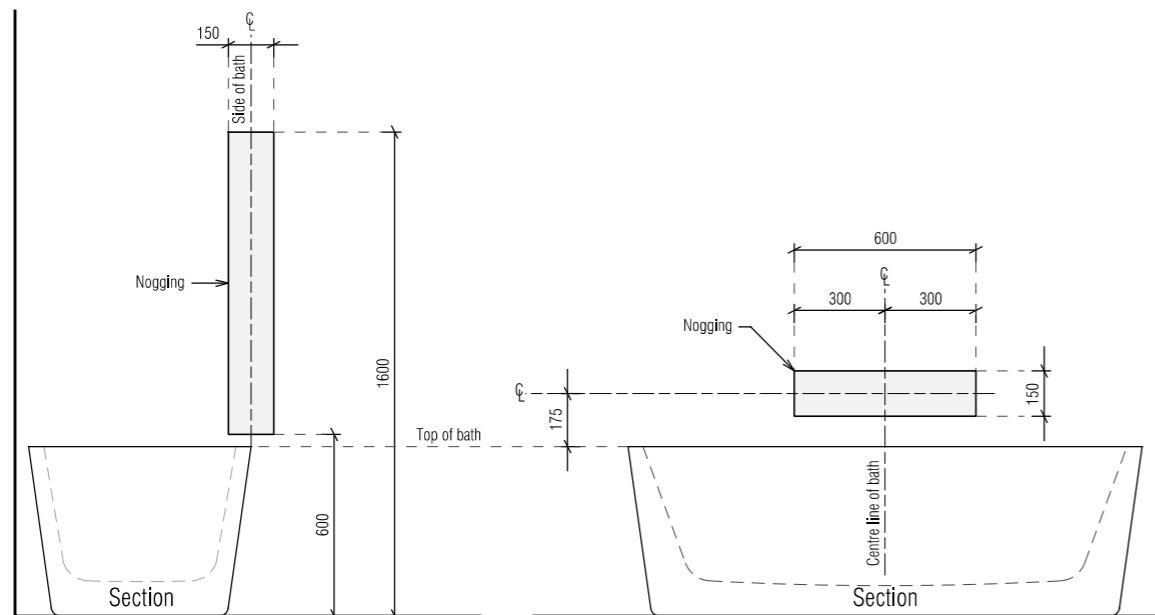
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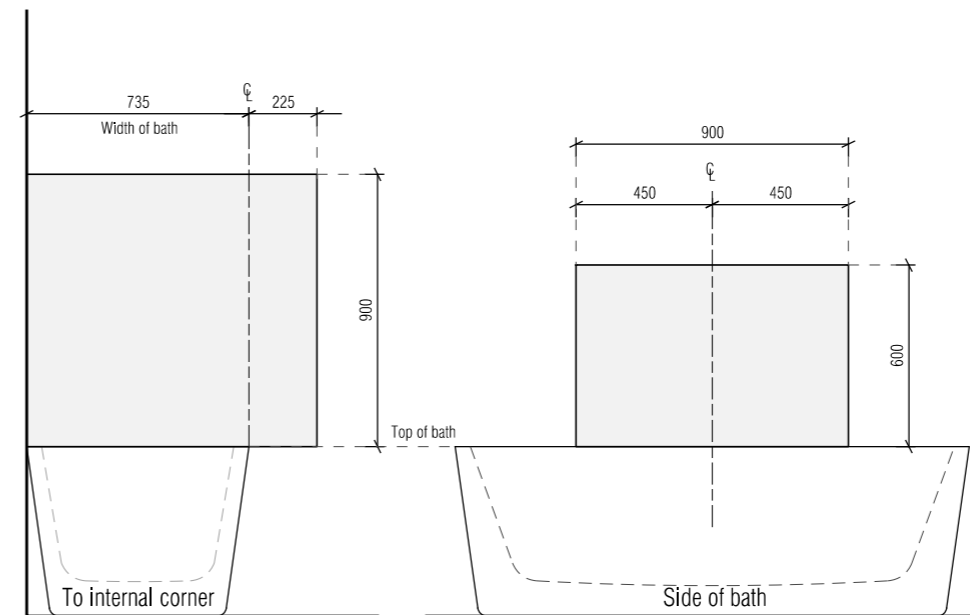
LOCATION OF NOGGINGS FOR SHOWER WALLS



LOCATION OF SHEETING FOR SHOWER WALLS



LOCATION OF NOGGINGS FOR WALLS SURROUNDING A BATH



LOCATION OF SHEETING FOR WALLS SURROUNDING A BATH

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construction requirements

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DATE: 29/07/25
FILE NAME: H1380 DA 260625.dgn
DRAWN BY: PC

DWG No:

10b

PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE

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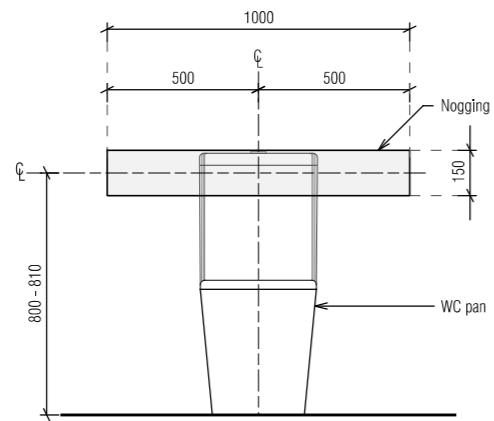
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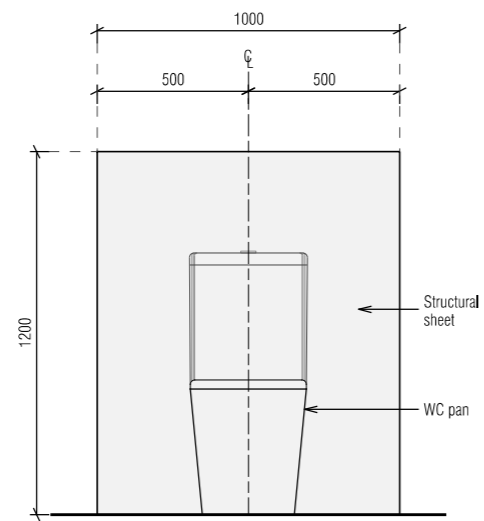


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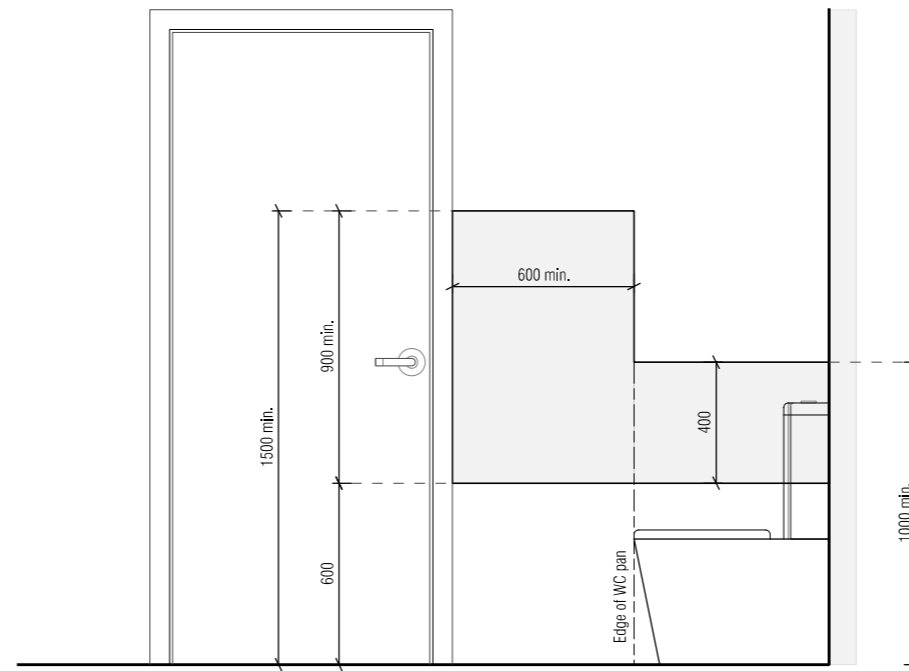
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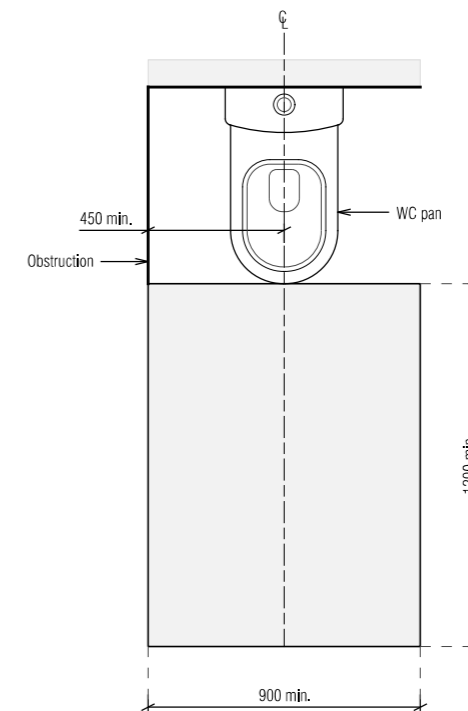
LOCATION OF NOGGINGS FOR A WALL BEHIND TOILET PAN



LOCATION OF SHEETING BEHIND TOILET PAN



MINIMUM EXTENT OF SHEETING FOR A WALL ADJACENT TO A TOILET PAN



CIRCULATION SPACE FOR A TOILET PAN

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See sheet 13 for Bushfire Attack Level construction requirements

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DRAWING: LIVEABLE HOUSING NOTES 3 of 3
DATE: 01/08/25
FILE NAME: H1380 DA 260625.dgn
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DWG No:

10c

PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE

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.....



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Vessels or area where the fixture is installed	Floors and horizontal surfaces	Walls	Wall junctions and joints	Penetrations
Enclosed shower with hob	Waterproof entire enclosed shower area, including hob.	Waterproof to not less than 150mm above the shower floor substrate or not less than 25mm above the maximum retained water level which ever is the greater with the remainder being water resistant to a height of not less than 1800mm above the finished floor level.	Waterproof internal and external corners and horizontal joints within a height of 1800mm above the floor level with not less than 40mm width either side of the junction.	Waterproof all penetrations.
Enclosed shower without hob	Waterproof entire enclosed shower area, including waterstop.	Waterproof to not less than 150mm above the shower floor substrate with the remainder being water resistant to a height of not less than 1800mm above the finished floor level.	Waterproof internal and external corners and horizontal joints within height of 1800mm above the floor level with not less than 40mm width either side of the junction.	Waterproof all penetrations.
Enclosed shower with step down	Waterproof entire enclosed shower area, including the step down.	Waterproof to not less than 150mm above the shower floor substrate or not less than 25mm above the maximum retained water level whichever is the greater with the remainder being water resistant to a height of not less than 1800mm above the finished floor level.	Waterproof internal and external corners and horizontal joints within a height of 1800mm above the floor level with not less than 40mm width either side of the junction.	Waterproof all penetrations.
Enclosed shower with preformed shower base	N/A	Water resistant to a height of not less than 1800mm above finished floor level.	Waterproof internal and external corners and horizontal joints within a height of 1800mm above the floor level with not less than 40mm width either side of the junction.	Waterproof all penetrations.
Unenclosed showers	Waterproof entire enclosed shower area.	Waterproof to not less than 150mm above the shower floor substrate or not less than 25mm above the maximum retained water level which ever is the greater with the remainder being water resistant to a height of not less than 1800mm above the finished floor level.	Waterproof internal and external corners and horizontal joints within a height of 1800mm above the floor level with not less than 40mm width either side of the junction.	Waterproof all penetrations.
Areas outside the shower area for concrete and compressed fibre cement sheet flooring	Water resistant to entire floor	N/A	Waterproof all wall / floor junctions. Where a flashing is used the horizontal leg must be not less than 40mm.	N/A
Areas outside the shower area for timber floors including particleboard, plywood and other timber based flooring materials	Waterproof entire floor.	N/A	Waterproof all wall / floor junctions. Where a flashing is used the horizontal leg must be not less than 40mm.	N/A

Vessels or area where the fixture is installed	Floors and horizontal surfaces	Walls	Wall junctions and joints	Penetrations
Areas adjacent to baths and spas for concrete and compressed fibre cement sheet flooring.	Water resistant to entire floor.	Water resistant to a height of not less than 150mm above the vessel and exposed surfaces below the vessel lip to floor level.	Waterproof edges of the vessel and junction of bath enclosure with floor. Where the lip of the bath is supported by a horizontal surface, this must be waterproof for showers over bath and water resistant for all other cases.	Waterproof all tap and spout penetrations where they occur in a horizontal surface.
Areas adjacent to baths and spas (see note 1) for timber floors including particleboard, plywood and other timber based flooring materials.	Waterproof entire floor.	Water resistant to a height of not less than 150mm above the vessel and exposed surfaces below the vessel lip to floor level.	Waterproof edges of the vessel and junction of bath enclosure with floor. Where the lip of the bath is supported by a horizontal surface, this must be waterproof for showers over bath and water resistant for all other cases.	Waterproof all tap and spout penetrations where they occur in a horizontal surface.
Inserted baths	N/A for floor under bath. Waterproof entire shelf area, incorporating waterstop under the bath lip and project not less than 5mm above the tile surface.	N/A for wall under bath. Waterproof to not less than 150mm above the lip of the bath.	N/A for wall under bath.	Waterproof all tap and spout penetrations where they occur in a horizontal surface.
Walls adjoining other vessels (eg. sinks, laundry tubs and basins)	N/A	Water resistant to a height of not less than 150mm above the vessel if the vessel is within 75mm of the wall.	Where the vessel is fixed to a wall, waterproof edges for extent of vessel.	Waterproof all tap and spout penetrations where they occur in a horizontal surface.
Laundries and WCs	Water resistant to entire floor.	Waterproof all wall / floor junctions to not less than 25mm above the finished floor level, sealed to floor.	Waterproof all wall / floor junctions. Where a flashing is used the horizontal leg must be not less than 40mm.	N/A

IMPORTANT NOTES:

1. If a shower is included above a bath, refer to the requirements for shower area walls and penetrations.
2. N/A means not applicable. Wet areas waterproofing by licensed and accredited installer (eg Wet Seal).
3. Certification to be provided to the Building Surveyor.
4. Contractor or builder to determine the appropriate waterproofing in accordance with NCC Volume 2, H4D2 & H4D3 and to notify the Building Surveyor for inspection arrangements during installation.
5. The above information is for general guidance and is indicative only. Waterproofing installers to comply with all current codes of legislation which takes precedence over this specification.

NOTES TO THE OCCUPANT

Due to potential problems with condensation in residential buildings which can lead to structural damage over time and which may also be detrimental to the health of the occupants, the following strategies are recommended:

1. Open windows every day for a few minutes especially when showering and cooking. Not every window needs to be opened, just those required to provide cross ventilation and extraction of moisture laden air;
 2. Ensure extractor fans are used every time when bathing;
 3. Ensure extractor fans are ducted to the outside; *
 4. Ensure non-condensing clothes dryers are ducted to the outside; **
 5. Install a rangehood or limit steam from cooking activities. i.e. by keeping lids on pots etc;
 6. Avoid the use of unflued gas heaters;
 7. Do not store large quantities of firewood inside the home in unventilated spaces;
 8. Avoid plants and water features in unventilated spaces;
 9. Ensure covers are kept on aquariums;
 10. Dry clothes in rooms that are warm, have adequate ventilation and are separated from the main house;
- * these details are also noted on the plans for the builders.
** or install separate air extractor on ceiling. However, direct ducting is recommended.

BAL- LOW

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DRAWING: WET AREA SPECIFICATIONS
DATE: 01/08/25
FILE NAME: H1380 DA 260625.dgn
DRAWN BY: PC

DWG No:

PROPOSED DWELLING FOR RAYNER AT 30 PETRA DRIVE, RISDON VALE

TIMBER DECKING SPECIFICATIONS

TIMBER TYPE	THICKNESS (mm)	RECOMMENDED MAXIMUM JOIST SPACING (mm)
Kwila, jarrah, other hardwoods	19	500
Treated pine	22 dressed	450
	19 sawn (25 actual thickness)	500
Cypress	21	400
	25	500

BOLTS FOR BEARER TO STUMP/POST CONNECTIONS

BOLT TYPE	MAXIMUM ALLOWABLE DECK AREA SUPPORTED PER BOLT (m ²) - REFER NOTES			
	Seasoned Hardwood (F17) Minimum timber thickness: 35mm		Treated Pine (F5) Minimum timber thickness: 35mm	
	Bearer to one side only (fig. 18)	Spaced Bearer (fig. 19)	Bearer to one side only (fig. 18)	Spaced Bearer (fig. 19)
M10	1.0	1.7	0.8	1.3
M12	1.3	2.0	1.0	1.5
M16	1.7	2.7	1.2	2.0
M20	2.1	3.4	1.5	2.5

TIMBER STAIR TREADS

TIMBER TYPE	STAIR WIDTH (mm)				
	750	1000	1200	1500	1800
RECOMMENDED THICKNESS OF TREAD (mm)					
Treated Pine, Cypress	45	50	55	65	80
Jarra, other hardwoods	45	45	45	55	60
SCREW TYPE / NUMBER					
	3#10	3#10	3#10	3#12	3#12

STRINGER TO WALL FIXING

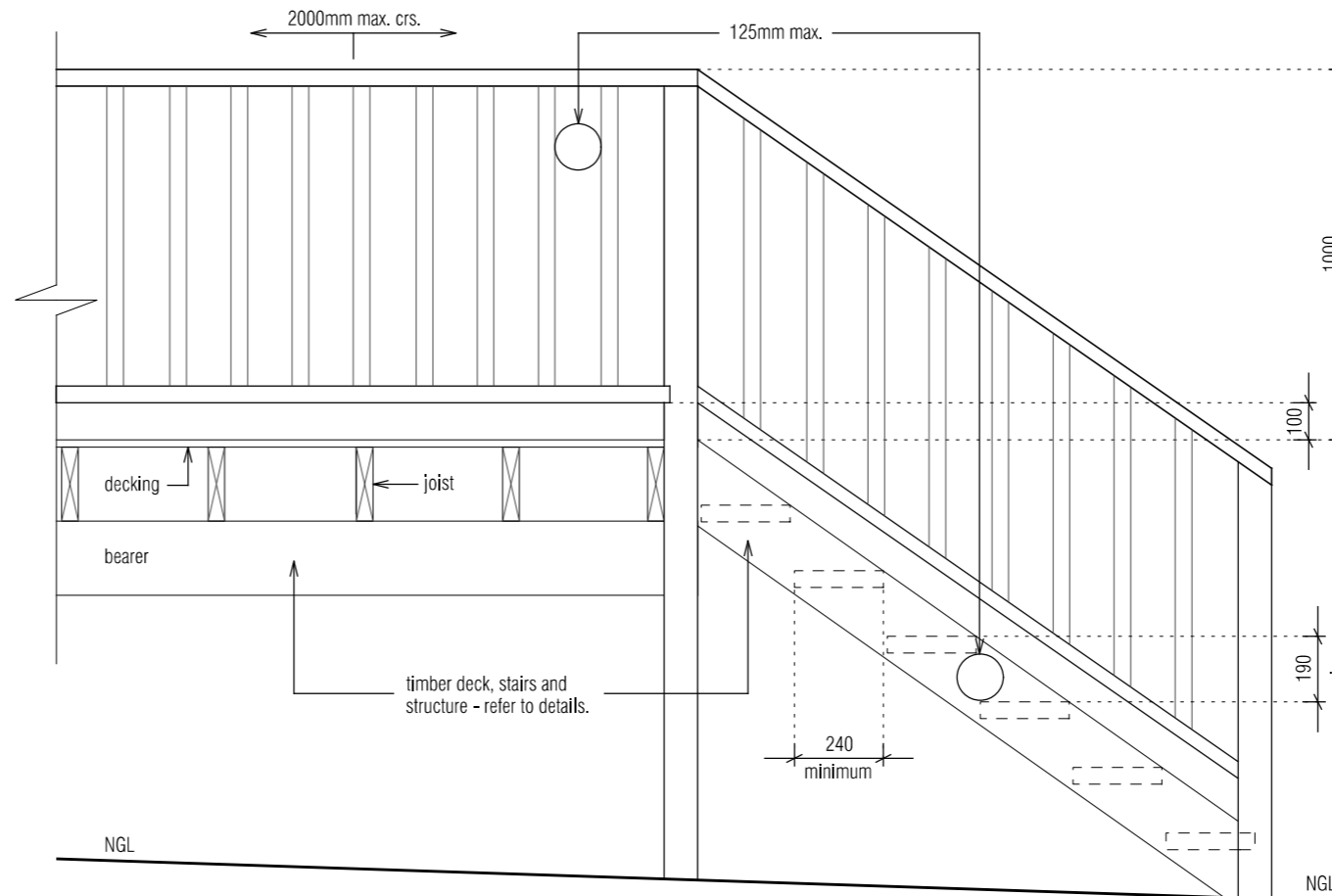
INTERNAL	14 gauge, 75mm bugle screws into wall studs
EXTERNAL	M10 masonry anchors into masonry @ 600 centres

19mm THICK DECKING BOARD FIXING REQUIREMENTS

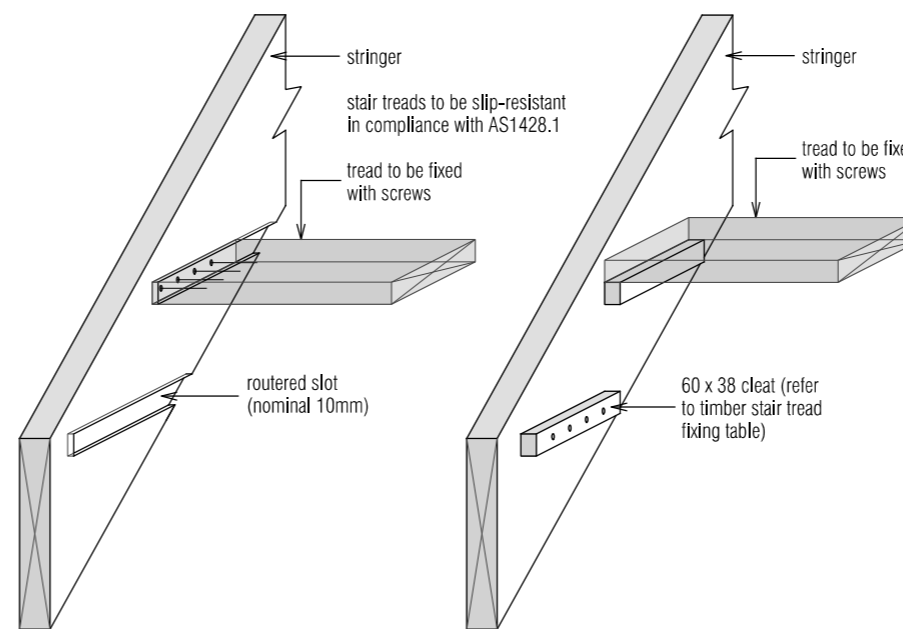
DECKING SPECIES	JOIST SPECIES	NAILING			
		Machine Driven		Hand Driven	
Hardwood, Cypress	Hardwood, Cypress	50 x 2.5 Flat Head		50 x 2.8 Flat Head	
	Seasoned Treated Pine, Oregon	50 x 2.5 DS Flat Head	65 x 2.5 Flat Head	50 x 2.8 DS Flat Head	65 x 2.8 Flat Head
Seasoned Treated Pine	Hardwood, Cypress	50 x 2.5 Flat Head		50 x 2.8 Flat Head	
	Seasoned Treated Pine, Oregon	50 x 2.5 DS Flat Head	65 x 2.5 Flat Head	50 x 2.8 DS Flat Head	65 x 2.8 Flat Head

NOTES:

- DS - Deformed shank
- 1. Nails to be hot dipped galvanised or stainless steel (mechanical galvanised plated not recommended).
- 2. In areas subjected to extreme wetting and drying conditions (e.g. around swimming pools), consideration should be given to increasing the nail diameter and/or length.
- 3. Dome head nails may be used in lieu of flat head nails.



TREAD TO STRINGER FIXING OPTIONS



PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE



TASSIE HOMES

Unit 4/37 Ascot Drive, Huntingfield, Tasmania, 7055
Ph. (03) 62 833 273 www.tassiehomes.com.au

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BAL-LOW

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Bushfire Attack Level
construction requirements

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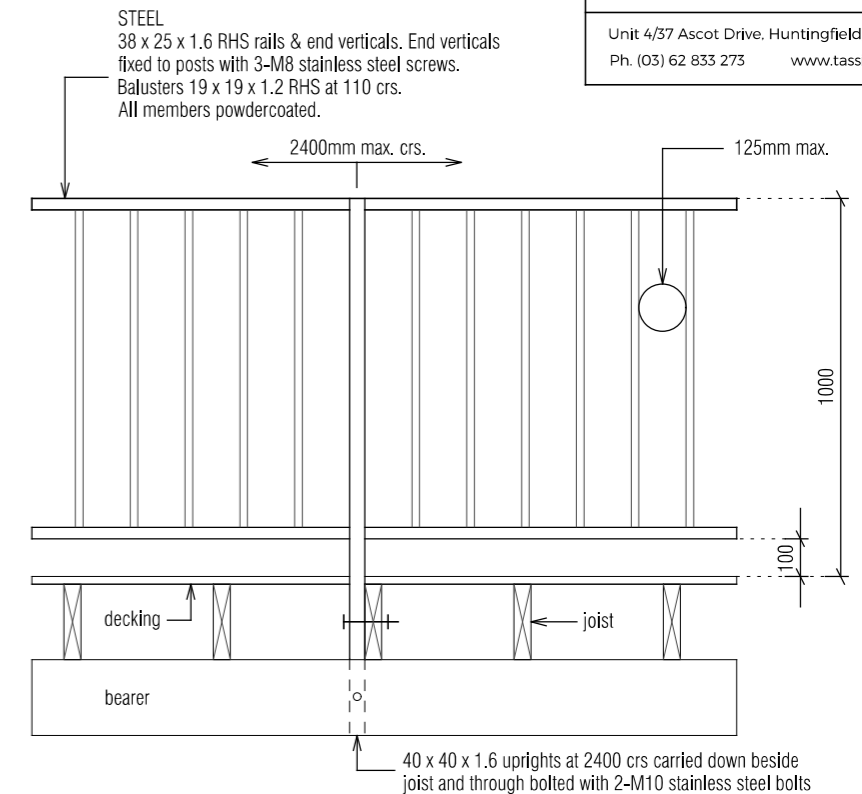
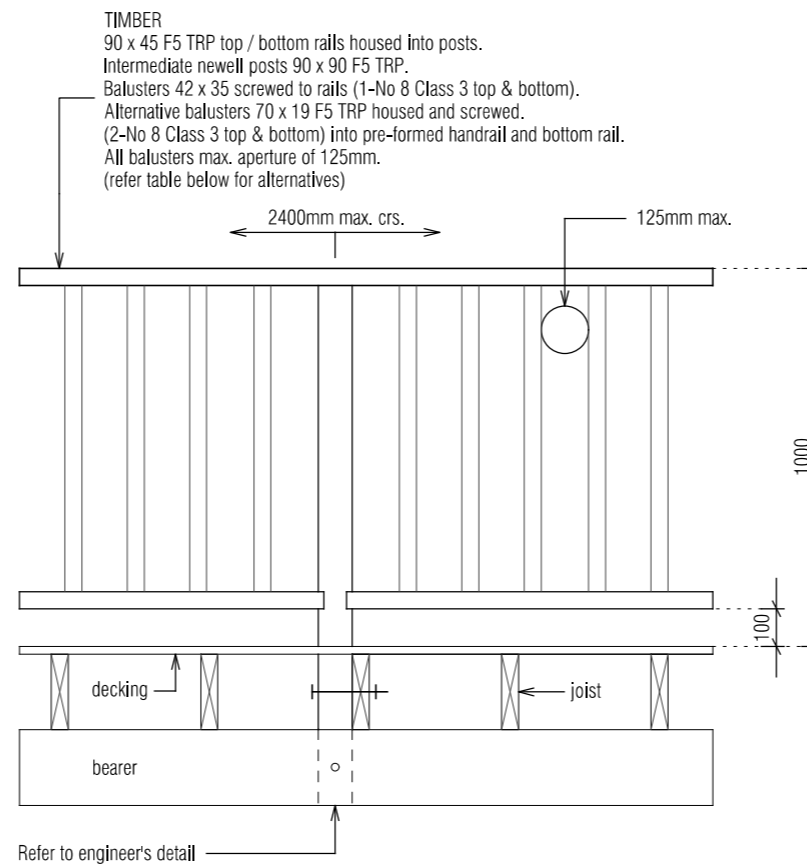
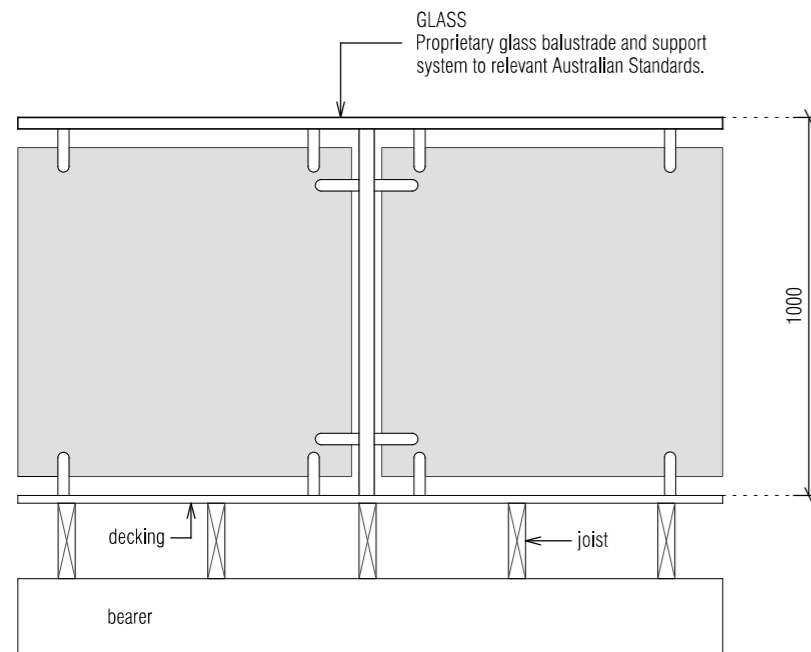
DWG No:

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TIMBER STRINGERS

TIMBER TYPE	SECTION* SIZES (mm)	STAIR WIDTH (mm)				
		750	1000	1200	1500	1800
Treated Pine, Cypress	190 x 35	10	8	8	7	6
	190 x 45	11	10	9	8	7
	240 x 35	12	11	10	9	8
	240 x 45	14	12	11	10	9
	290 x 35	15	13	12	11	10
	290 x 45	17	15	14	12	11
Jarrah, other hardwoods or Kwila	190 x 35	13	12	11	10	10
	190 x 45	14	13	12	11	11
	240 x 35	16	15	14	13	12
	240 x 45	18	16	15	14	13
	290 x 35	18	18	17	16	15
	290 x 45	18	18	8	17	16

* Sizes stated are minimum sizes.

NOTE:
The building regulations limit the number of risers in a single flight of stairs to a maximum of 18.

SIZES OF HANDRAILS

HANDRAIL TIMBER	SUPPORT SPACING (mm)				
	900	1200	1500	1800	2400
Treated Pine, Cypress	70 x 35	120 x 35	170 x 35	290 x 35	240 x 45
	70 x 45	70 x 45	70 x 45	140 x 45	
Jarrah, other hardwoods	70 x 35	70 x 35	90 x 35	170 x 35	290 x 35
	70 x 45	70 x 45	70 x 45	90 x 45	140 x 45
Kwila	70 x 35	70 x 35	70 x 35	170 x 35	290 x 35
	70 x 45	70 x 45	70 x 45	70 x 45	120 x 45

* Section sizes can be used in either a vertical or horizontal position.

- NOTES:
- Handrails for 900, 1200 and 1500mm support spacings have been designed as continuous over two spans (continuous lengths of 1800, 2400 and 3000mm respectively).
 - The sizes shown are minimum allowable dressed sections sizes. Sections sizes shall not be less than those stated.

* WIRE HANDRAILS AS PER NCC Part 11.3.6
* STAIR BALUSTRADES MIN 865mm ABOVE NOSE OF STAIR TREAD

TYPICAL SHRINKAGE VALUES FOR DECKING BOARDS

TIMBER TYPE	BOARD WIDTH (mm)	APPROXIMATE SHRINKAGE (mm)
Kwila	70	2 (unseasoned)
Jarrah	65	0 (seasoned)
		5 (unseasoned)
Treated Pine	70	0 (seasoned)
Cypress	70	2 (unseasoned)

EXAMPLE:
For a 6mm final gap using 70mm Kwila decking boards, the required spacer thickness would be 6 - 2 = 4mm

BAL- LOW
See sheet 13 for Bushfire Attack Level construction requirements

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DRAWING: BALUSTRADE NOTES
DATE: 01/08/25
FILE NAME: H1380 DA 260625.dgn
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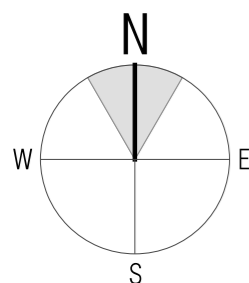


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PROPOSED DWELLING FOR RAYNER
AT 30 PETRA DRIVE, RISDON VALE



Scale 1:1000

BAL- LOW

See sheet 13 for
Bushfire Attack Level
construction requirements

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DRAWING: VEGETATION OVERLAY
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CONSTRUCTION SCHEDULE BAL- LOW

There are no special construction requirements for BAL- LOW

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PROPOSED DWELLING FOR RAYNER
 AT 30 PETRA DRIVE, RISDON VALE

BAL- LOW
 See sheet 13 for
 Bushfire Attack Level
 construction requirements

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DRAWING: BUSHFIRE ATTACK LEVEL
 DATE: 01/08/25 CONSTRUCTION REQUIREMENTS
 FILE NAME: H1380 DA 260625.dgn
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