

NOTICE OF PROPOSED DEVELOPMENT

Notice is hereby given that an application has been made for planning approval under the Land Use Planning and Approvals Act 1993, for the following development(s):

NUMBER:	DA 105 / 2025
ADDRESS:	2 Cartela Drive, Nubeena (CT: 161508/2)
DESCRIPTION:	Residential – Construction of a Dwelling

All plans and documents submitted with the application can be inspected at the Tasman Council Office, Monday to Friday from 8:30am to 4:30pm. In addition to the statutory requirements, some documents, relevant to the assessment of the application are available on the council website by following this link:

<https://tasman.tas.gov.au/advertised-applications/>, by using the QR Code below, or they are available in hard copy upon request by calling Council on (03) 6250 9200 or email tasman@tasman.tas.gov.au during the period for which representations may be made, until **12 March 2026**.

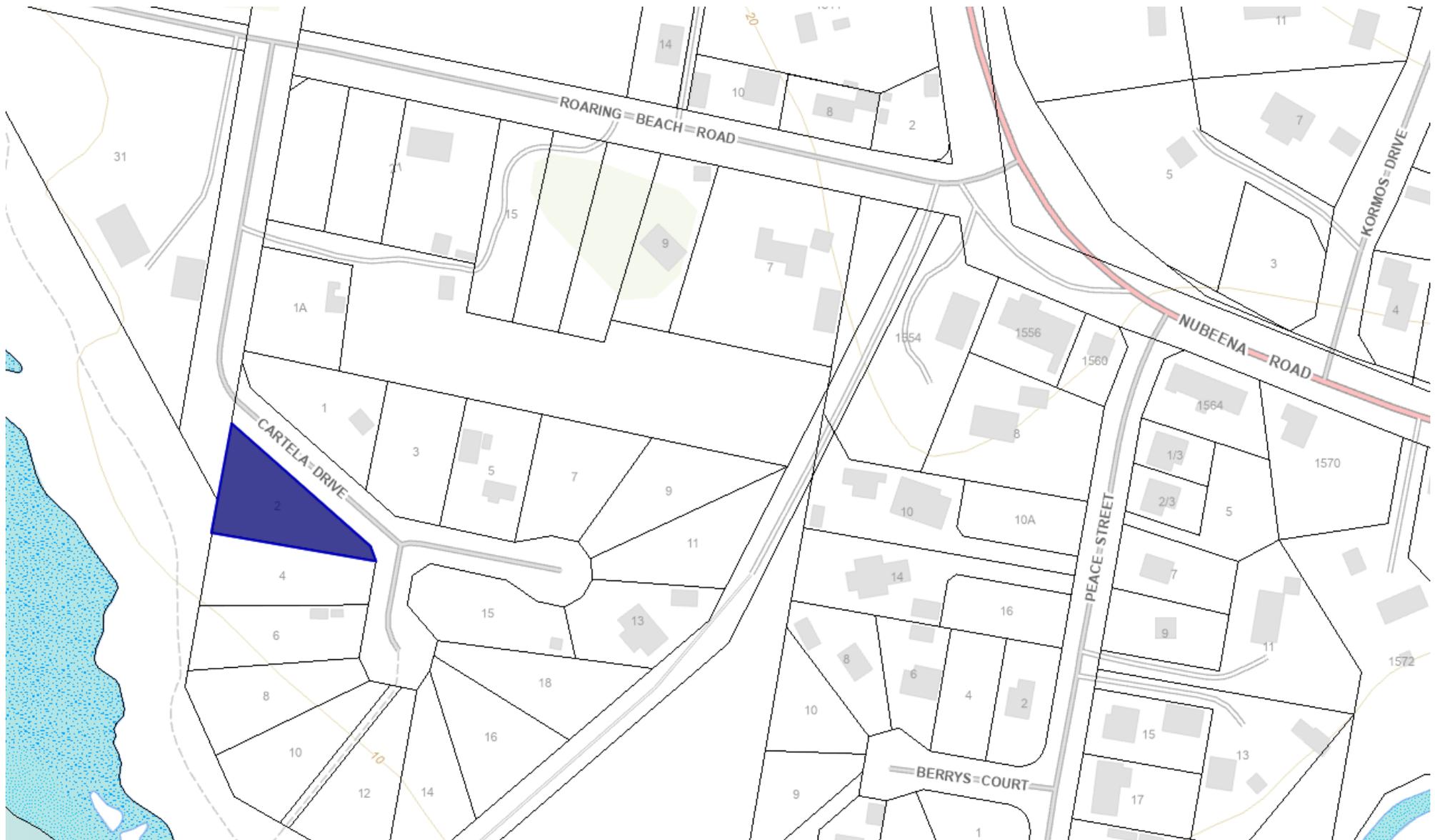
Any person may make a representation relating to the application. Representations are to be made in writing addressed to the General Manager, Tasman Council, 1713 Main Road, Nubeena TAS 7184 or by email to tasman@tasman.tas.gov.au and will be received no later than **12 March 2026**. Late representations will not be considered.



Blake Repine
General Manager
Date: 26 February 2026

DA 105 / 2025, 2 Cartela Drive, Nubeena (CT 161508/2) – The relevant plans and documents can be inspected at the Council Offices at 1713 Main Road, Nubeena during normal office hours, or the plans may be viewed on Council’s website at www.tasman.tas.gov.au until the date representations close 12 March 2026.

The below image was sourced from The List: <https://maps.thelist.tas.gov.au/listmap/app/list/map>



Application for Planning Permit

The personal information requested on this form is being collected by council for purpose set out in the title of the form. The personal information will be used solely by council for the primary purpose or directly related purposes. The applicant understands that personal information is provided for the above mentioned function and that he/she may apply to council for access to and/or amendment of the information. If an application is made under Section 57 of the Land Use Planning and Approvals Act 1993, a copy of the lodgement documents must be made available for any person to inspect during public notification. Please note that any information, reports and plans submitted with an application are treated as public documents and may be reproduced for representatives, referral authorities and any other persons/bodies interested in the proposal. Requests for access or correction should be made to Tasman Council's Customer Service Officer.

* Indicates mandatory field

APPLICANT DETAILS*

FULL NAME	Wilson Homes Tasmania Pty Ltd		
POSTAL ADDRESS		POSTCODE	
PHONE (BUSINESS HOURS)		MOBILE:	
EMAIL			

NOTE: All Council correspondence will be emailed to the applicant unless otherwise specified.

OWNERS DETAILS (IF DIFFERENT TO APPLICANT DETAILS)*

ENSURE OWNER DETAILS MATCH THE CURRENT CERTIFICATE OF TITLE

FULL NAME			
POSTAL ADDRESS		POSTCODE	
PHONE (BUSINESS HOURS)		MOBILE	

DESCRIPTION OF PROPOSED DEVELOPMENT*

<input checked="" type="checkbox"/> New Dwelling	<input type="checkbox"/> Extension/ Addition	
<input type="checkbox"/> New Shed/ Outbuilding	<input type="checkbox"/> Demolition	
<input type="checkbox"/> Subdivision/ Boundary Adjustment	<input type="checkbox"/> Visitor Accommodation	_____
<input type="checkbox"/> Change of Use	<input type="checkbox"/> Other (please specify – right)	_____
<input type="checkbox"/> Commercial/ Industrial Building		

Are any of the components in this application seeking retrospective approval?* E.g. Use and/or development that has commenced without a planning permit. (If yes, please specify the relevant components)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

PRESENT USE OF LAND/ BUILDING(S)*
Vacant Land

LOCATION OF PROPOSED DEVELOPMENT*

ADDRESS	2 CARTELA DRIVE, NUBEENA TAS 7184		
CERTIFICATE OF TITLE: FOLIO NUMBER	161508/2	LOT NUMBER	2

FLOOR AREA*	
Existing floor area (square metres): 0	Proposed floor area (square metres): 103.20
CAR PARKING*	
Number existing 0	Number proposed 2

SITE CONTAMINATION*	
Have any potentially contaminating uses been undertaken on this site? (Refer to list provided on page 5)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TASMANIAN HERITAGE OR ABORIGINAL HERITAGE REGISTER*	
Is this property on the Tasmanian Heritage or Aboriginal Heritage Register?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VEGETATION REMOVAL*	
Does the proposal require any vegetation removal? If yes, provide details on the site plan.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
VALUE*	
Value of work (inc. GST)	\$ 362,565

Please complete both declarations if you are making the application but not the owner

DECLARATION BY APPLICANT*

I/ we declare that the information given is a true and accurate representation of the proposed development; and I/ we am/ are liable for the payment of Council application processing fees, even in the event of the development not proceeding; and I/ we authorise Tasman Council to provide a copy of my documents relating to this application to any person for the purpose of assessment and public consultation and agree to arrange for the permission of the copyright owner of any part of this application to be obtained.	
SIGNATURE OF APPLICANT	<i>Lutzia Brown</i>
NAME OF APPLICANT (PLEASE PRINT)	Lutzia Brown
DATE	04/11/25

DECLARATION IF APPLICANT IS NOT THE OWNER

I hereby declare that I am the applicant for the development at the address detailed in this application for a planning permit, and that I have notified the owner/s of the land for which I am making this application, in accordance with Section 52(1a) of the <i>Land Use Planning and Approvals Act 1993</i> .	
SIGNATURE OF APPLICANT	<i>Lutzia Brown</i>
NAME OF APPLICANT (PLEASE PRINT)	Lutzia Brown
DATE	04/11/25
NAME/S OF OWNER/S NOTIFIED	
DATE	04/11/25

DECLARATION IF LAND IS COUNCIL OR CROWN LAND

If the land that is the subject of this application is owned or administered by either the Crown or Tasman Council, the consent of the Minister of the Crown or the General Manager of the Council, whichever is applicable, must be included here. This consent should be completed and signed by either the Minister, the General Manager of Tasman Council, or their delegate (as specified in Subsections 52(1d-1g) of the <i>Land Use Planning and Approvals Act 1993</i>).	
DECLARATION	I, _____ being responsible for the administration of land at _____ declare that I have given permission for the making of this application.
SIGNATURE OF MINISTER/ GENERAL MANAGER	
DATE	

NON-RESIDENTIAL DEVELOPMENTS

Note: This section must be completed for all applications for non-residential uses, home occupations and domestic/ residential businesses or other managed/ commercial residential uses (e.g. hostel or motel).

HOURS OF BUSINESS			
CURRENT		PROPOSED	
Monday to Friday		Monday to Friday	
Saturday		Saturday	
Sunday		Sunday	
NUMBER OF EMPLOYEES			
CURRENT		PROPOSED	
Total Employees		Total Employees	
Employees on Site		Employees on Site	
PLANT/ MACHINERY			
Is there any large plant or machinery that would need to be installed or used on site such as refrigeration units and generators? (If yes, please list below the type of machinery and ensure location, dimensions etc are clearly marked on your plans.)			<input type="checkbox"/> Yes <input type="checkbox"/> No
OUTDOOR STORAGE/ SEATING/ NUMBER OF BEDS			
Is outdoor storage proposed? (If yes, please ensure that your plans show where the outdoor storage areas are and what type of goods are stored. This information will help us assess the impact of the proposal on the amenity.)			<input type="checkbox"/> Yes <input type="checkbox"/> No
If you are proposing a night club, café or the like, what is the number of seats proposed including the capacity at any bar area?		Please ensure that the arrangements are shown on your plans. This information enables us to assess the car parking arrangements.	
If you are proposing a hotel, motel, visitor accommodation, hostel or the like, what is the number of beds proposed?		Please ensure the beds are clearly indicated on your plans. This information enables us to assess the car parking arrangements.	
GOODS DELIVERIES			
Will there be any goods deliveries to and from the site? (If yes, please estimate the number and type of vehicles and how often they will make trips.)			<input type="checkbox"/> Yes <input type="checkbox"/> No
Type and Size of Vehicle		Number of Vehicles on Site	
Trip Frequency per Month			

PLANNING PERMIT – APPLICATION CHECKLIST – MANDATORY

To ensure that we can process your application as quickly as possible, please read the following checklist carefully to ensure that you have provided the following at the time of lodging the application.

If you are unclear on any aspect of your application, please phone **(03) 6250 9200** to discuss or arrange an appointment concerning your proposal. Note that, in accordance with Section 54 of the *Land Use Planning and Approvals Act 1993*, Council may require additional information.

Please note that the following information is required by Clause 6.1 of the State Planning Provisions. An application will not be considered to be a valid application and will not be processed without the required information as detailed below.

Please complete the below checklist



Completed Application Form - Required

All sections filled out correctly and owner details match those listed on the title documents
Application form includes a detailed cost estimate of the proposal



Written Submission - Required

Description of the proposed development
Justification addressing the Performance Criteria (if applicable)



Title Documents - Required

Current copy of the Certificate of Title (Folio Plan and Text Page)
Copies of any restrictive covenants, easements, or other relevant documents.



Site Plan - Required

Drawn to scale
Shows the location of the proposed development including setback distances from boundaries
Includes existing structures, property boundaries, access points, driveways, parking areas, rainwater tanks and any natural features (vegetation and waterways)



Floor Plan and Elevations - Required

Detailed floor plans of the proposed development
Elevations showing the height and external appearance



Stormwater and Servicing Plan - Required

Details on how stormwater will be managed on-site
Information about connections to utilities (water, sewer, electricity)
Elevations showing the height and external appearance of all water tanks



Landscaping Plan - if applicable

Details of existing vegetation to be retained or removed



Supporting Reports and Assessments - if applicable

Bushfire Hazard Management Plan and Report
Traffic Impact Assessment
Natural Values Assessment
Onsite Wastewater Assessment

Dated: 04/11/25

Signed: *Lutzia Brown*

Please note the following:

Application fees will be invoiced upon initial assessment, this is within 4 business days of submission.
If this application results in building works occurring on the property, applicant and/or owner information including name and contact details will be provided to the Office of the Valuer General for the purpose of undertaking a valuation inspection of the property / building works.

POTENTIALLY CONTAMINATING ACTIVITIES	
Agricultural Fertiliser Manufacture	Metal Founders
Asbestos Production and Manufacture	Metal Sprayers
Battery Manufacture and Recycling	Metal Treatments and Picklers
Chemical Manufacture or Formation	Mining and Extractive Industries
Defence Establishments and Training Areas	Pest Controllers (being areas where pest control chemicals are stored or vehicles and tanks used in connection with pest control are washed.)
Drum Reconditioning Wastes	Petroleum and Petrochemical Industries
Dry Cleaning Establishments	Pharmaceutical Manufacture or Formation
Electroplating	Printers
Explosives Production and Storage	Railway Yards
Fuel Depots and Storage Areas	Sanitary and Refining
Galvanisers	Scrap Yards
Gas Works	Service Stations
Gun, Pistol and Rifle Clubs	Smelting and Refining
Hazardous Waste Landfills	Tannery or Fellmongery or Hide Curing Works
Industrial Cleaners	Wood Treatment and Preservation Sites
Lime Burners	

SEARCH OF TORRENS TITLE

VOLUME 161508	FOLIO 2
EDITION 4	DATE OF ISSUE 08-May-2020

SEARCH DATE : 22-Jul-2025

SEARCH TIME : 08.35 AM

DESCRIPTION OF LAND

Parish of KOONYA Land District of PEMBROKE
 Lot 2 on Sealed Plan [161508](#)
 Derivation : Part of 24A-3R-10P gtd to I.A.Hall
 Prior CT [157973/1](#)

SCHEDULE 1

[M817270](#) TRANSFER to
 Registered 08-May-2020 at noon

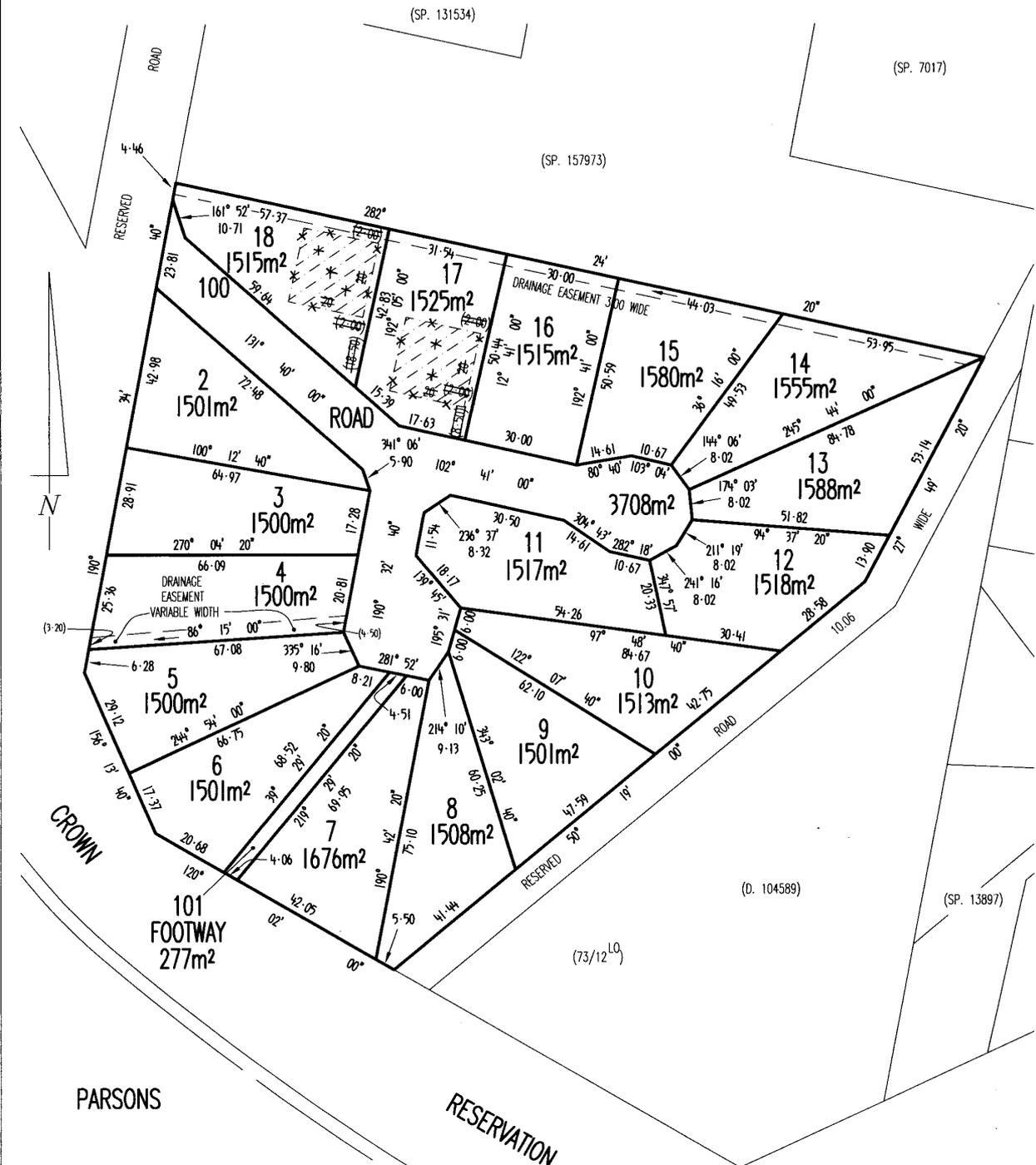
SCHEDULE 2

Reservations and conditions in the Crown Grant if any
[SP161508](#) FENCING PROVISION in Schedule of Easements
[SP157973](#) FENCING PROVISION in Schedule of Easements
[D134215](#) AGREEMENT pursuant to Section 71 of the Land Use
 Planning and Approvals Act 1993 Registered
 31-Jul-2014 at noon

UNREGISTERED DEALINGS AND NOTATIONS

No unregistered dealings or other notations

OWNER: TASMAN LAND HOLDINGS PTY. LTD.		PLAN OF SURVEY		REGISTERED NUMBER	
FOLIO REFERENCE: 157973-1				SP161508	
GRANTEE PART OF 24-3-10 GRANTED TO MY AILEEN HALL		BY SURVEYOR J.B.MEDBURY J.B.MEDBURY P/L SURVEYORS OF 224 CAMPBELL STREET, HOBART			
		LOCATION LAND DISTRICT OF PEMBROKE PARISH OF KOONYA		<i>Alice Kawa</i> Recorder of Titles	
MAPSHEET MUNICIPAL CODE No. 126 (5522)		LAST UPI No.		LAST PLAN No.	
				ALL EXISTING SURVEY NUMBERS TO BE CROSS REFERENCED ON THIS PLAN	



[Signature] 4.7.14
COUNCIL DELEGATE DATE

SCHEDULE OF EASEMENTS	Registered Number
NOTE: THE SCHEDULE MUST BE SIGNED BY THE OWNERS & MORTGAGEES OF THE LAND AFFECTED. SIGNATURES MUST BE ATTESTED.	SP 161508

PAGE 1 OF 1 PAGE

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.

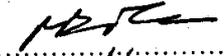
The direction of the flow of water through the drainage easements shown on the plan is indicated by arrows.

Fencing provision

In respect to the lots on the plan the vendor (Tasman Land Holdings Pty Ltd) shall not be required to fence

~~The owners of lots 14-18 on the plan are subject to the fencing provision created by and more fully set forth in Sealed Plan 157973~~

Executed by TASMAN LAND HOLDINGS PTY LTD being the registered)
 proprietor of folio of the Register volume 157973 folio 1 under section 127 of)
 the Corporations Act 2001 by being signed by two directors-)

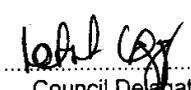
Director/Secretary: 

ROBERT BRANDON FISHER

Director: 

GREGORY JOHN SKENNAR

(USE ANNEXURE PAGES FOR CONTINUATION)

SUBDIVIDER: TASMAN LAND HOLDINGS P/L	PLAN SEALED BY: TASMAN COUNCIL
FOLIO REF: 157973/1	DATE: 4.7.14
SOLICITOR & REFERENCE: JACKSON TREMAYNE & FAY (RTF)	DA 92/2008 REF NO. 

NOTE: The Council Delegate must sign the Certificate for the purposes of identification.

SHEET INDEX

1	COVER SHEET
2	SITE PLAN 1:500
3	SITE PLAN 1:200
4	SOIL & WATER MANAGEMENT PLAN
5	GROUND FLOOR PLAN
6	ELEVATIONS / SECTION
7	ELEVATIONS
8	WINDOW & DOOR SCHEDULES
9	CALCULATIONS
10	DETAILS (FACE BRICKWORK)
11	ROOF DRAINAGE PLAN
12	FLOOR COVERINGS
13	KITCHEN DETAILS
14	BATHROOM DETAILS
15	LAUNDRY DETAILS
16	3D VIEWS
17	GENERAL NOTES
18	WET AREA & ENERGY EFFICIENCY NOTES
19	BUILDING ACT BUSHFIRE HAZARD AREAS
20	BAL 19 NOTES
21	BAL 12.5 - BAL 40 ROOF DETAILS

TOTAL FLOOR AREAS

MAIN DWELLING, GROUND FLOOR	
LIVING	100.24
PORCH	2.96
TOTAL	103.20 m²

ON SITE WASTEWATER TREATMENT REQUIRED. REFER TO REPORT PREPARED BY HED (25.11.25)

ON SITE STORMWATER MANAGEMENT. REFER TO REPORT PREPARED BY HED (TBC)

AS & NCC COMPLIANCE

- ALL CONSTRUCTION TO BE IN ACCORDANCE WITH NCC 2022 AND APPLICABLE AUSTRALIAN STANDARDS AT TIME OF APPROVAL.
- SLAB IN ACCORDANCE WITH AS 2870. REFER TO ENGINEERS DETAILS FOR ALL SLAB DETAILS.
 - BRICK CONTROL JOINTS PROVIDED IN ACCORDANCE WITH NCC 2022.
 - ALL STEEL FRAMING TO BE DESIGNED TO AS 4100-2020 OR ASINZS 4600-2018.
 - INSULATION TO BE INSTALLED IN ACCORDANCE WITH NCC 2022 AND ALL APPLICABLE AUSTRALIAN STANDARDS.
 - TERMITE PROTECTION IN ACCORDANCE WITH AS 3660 AND NCC 2022.
 - GLAZING IN ACCORDANCE WITH AS 1288 AND NCC 2022.
 - SMOKE ALARMS IN ACCORDANCE WITH AS 3786 AND NCC 2022.
 - INTERNAL WATERPROOFING IN ACCORDANCE WITH NCC 2022 HOUSING PROVISIONS PART 10.2.
 - EXTERNAL WATERPROOFING IN ACCORDANCE WITH AS 3740 AND AS 4654.
 - WET AREA FLOORS TO FALL TO FLOOR WASTES AT MIN. 1:80 AND MAX. 1:50 GRADE (IF APPLICABLE).
 - CONDENSATION MANAGEMENT IN ACCORDANCE WITH NCC 2022 HOUSING PROVISIONS PART 10.8.
 - BUILDING SEALING IN ACCORDANCE WITH NCC 2022.
 - SERVICES IN ACCORDANCE WITH NCC 2022.
 - EARTHWORKS IN ACCORDANCE WITH AS 3798-2007.
 - EXTERNAL WALL WRAP (SARKING) IN ACCORDANCE WITH NCC 2022 (IF APPLICABLE).
 - EXHAUST FANS DUCTED TO OUTSIDE AIR (IF APPLICABLE).

SITE SPECIFIC CONTROLS

CONTROL	DETAILS
ACID SULPHATE SOIL	NO
BIODIVERSITY	NO
BUILDING ENVELOPE	NO
BUSHFIRE	BAL-19
CLIMATE ZONE (NCC)	ZONE 7 - COOL TEMPERATE
DESIGN WIND CLASSIFICATION	N3 (EXPOSED TBC)
ESTATE/DEVELOPER GUIDELINES	NO
FLOOD OVERLAY	NO
HERITAGE	NO
LANDSLIP HAZARD	NO
MINIMUM FLOOR LEVEL	NO
NATURAL ASSET CODE	NO
NOISE ATTENUATION	NO
SALINE SOIL	NO
SHIELDING FACTOR	PS - PARTIAL SHIELDING
SITE CLASSIFICATION	S
SPECIFIC AREA PLAN OVERLAY	NO
TERRAIN CATEGORY	TC2
TOPOGRAPHIC CLASSIFICATION	T3
WATERWAY & COASTAL OVERLAY	YES
WIND REGION	A - NORMAL
WITHIN 1km CALM SALT WATER	42m
WITHIN 50km BREAKING SURF	0.50km
ZONING	LOW DENSITY RESIDENTIAL
CROWN LICENCES (ADJACENT)	
CROWN LAND (ADJACENT)	PAKRS & WILDLIFE SERVICE

BUILDING CONTROLS & COMPLIANCE

CONTROL	REQUIRED	PROPOSED
SETBACKS		
FRONT	MIN. 8,000mm	8,000mm
SIDE A	MIN. 5,000mm	15,000mm
SIDE B	MIN. 5,000mm	9,234mm
BULK & SCALE		
SITE AREA	1,501m ²	
SITE COVERAGE	MAX. 30%	6.98%
LANDSCAPE		
NO APPLICABLE CONTROLS		
EARTHWORKS		
CUT DEPTH	MAX. 2,000mm	287mm
FILL DEPTH	MAX. 1,000mm	262mm
ACCESS & AMENITY		
PARKING SPACES	MIN. 2 SPACES	2 SPACES

3D PERSPECTIVE



NOTE TO OWNER

THESE PLANS MAY FEATURE WORKS THAT ARE EXCLUDED FROM THE SCOPE OF WORKS WITH THE BUILDER, BUT THEY HAVE BEEN INCLUDED IN THESE DRAWINGS TO ASSIST IN THE OVERALL PLANNING AND ASSESSMENT OF THE BUILDING PROJECT. EXAMPLES OF SOME REGULARLY EXCLUDED WORKS INCLUDE DRIVEWAYS, RETAINING WALLS, SOLAR PANEL SPACING AND SITE DRAINAGE. PLEASE REFER TO YOUR SCOPE OF WORKS AND COLOUR SELECTIONS DOCUMENTATION FOR DETAILS OF INCLUDED WORKS. SOME DETAILS ARE INDICATIVE ONLY FOR EXAMPLE FLOORING, TILING, BRICKWORK AND CLADDING (EXPANSION JOINTS, ORIENTATION AND LAYOUT) AND ARE SUBJECT TO CHANGE.

LOCATION MAP



This Plan has been prepared prior to the receipt of one or more of the following documents:- Certificate of Title inclusive of lot specific zoning, easement and covenant documents, BAL report and rating, approved subdivision plans providing crossover locations and service connection points, power and communications connection point information, Geotechnical Site Investigation, Contour Survey, Dial Before You Dig Information, Planning Approval.

BUILDING INFORMATION

GROUND FLOOR TOP OF WALL HEIGHT(S)	2445mm
NOTE: CEILING HEIGHT 45mm LOWER THAN TOP OF WALL	
ROOF PITCH (U.N.O.)	23.0°
ELECTRICITY SUPPLY	SINGLE PHASE
GAS SUPPLY	NONE
ROOF MATERIAL	SHEET METAL
ROOF COLOUR	DARK
WALL MATERIAL	BRICK VENEER
SLAB CLASSIFICATION	TBC

INSULATION

ROOF	MIN. 50mm FOIL FACED BLANKET UNDER ROOFING
CEILING	R4.1 BATTS (EXCL. GARAGE, ALFRESCO)
EXT. WALLS	R2.0 BATTS (EXCL. GARAGE) WALL WRAP TO ENTIRE HOUSE
INT. WALLS	R2.0 BATTS ADJACENT TO GARAGE AND AS PER PLAN
FLOOR	BIAx SLAB R0.60

NCC 2022 LIVABLE HOUSING COMPLIANCE

ACCESSIBLE SANITARY COMPARTMENT: BATH
ACCESSIBLE SHOWER LOCATION: BATH

GENERAL NOTES:

- THRESHOLD OF ACCESSIBLE SHOWER ENTRY TO BE MAX. 5MM
- 1 EXTERIOR DOOR NOMINATED AS 870 OR GREATER TO ACHIEVE MIN 820MM CLEAR OPENING
- REFER TO APPLICABLE WET AREA PLANS AND INTERIOR ELEVATIONS OR LOCATIONS OF REQUIRED WALL REINFORCEMENT FOR FUTURE GRAB RAIL INSTALLATION.

BUSHFIRE REQUIREMENTS - BAL-19

THE BUILDER USES MATERIALS THAT COMPLY WITH AS 3959-2018, NASH STANDARD STEEL FRAMED CONSTRUCTION IN BUSHFIRE AREAS 2014 OR HAVE BEEN TESTED TO AS 1530.8.1 IN ACCORDANCE WITH AS 3959-2018 (CLAUSE 3.8).

ROOF:

- PROVIDE FOIL FACED BLANKET INSULATION TO ALL COLORBOND SHEET ROOFING
- PROVIDE SARKING TO ALL TILED ROOFING INCLUDING PRESSTITE TO VALLEYS.
- PROVIDE BAL-19 RATED DEKTITE TO ALL AIR VENTS ON ROOF.
- PROVIDE BAL-19 RATED ALUMINIUM MESH TO ALL SOFFIT AND EAVE VENTS.
- PROVIDE BAL-19 RATED ALUMINIUM MESH TO ALL EXHAUST VENTS.

WALLS, POSTS AND BEAMS:

- EXTERNAL TIMBER POSTS WITHIN 400mm OF ADJACENT FINISHED FLOOR LEVEL TO BE BUSHFIRE-RESISTING TIMBER UNLESS MOUNTED ON STIRRUPS TO PROVIDE MIN. 75mm CLEARANCE ABOVE ADJACENT FINISHED FLOOR LEVEL.
- PROVIDE SPARK ARRESTORS TO ALL EXTERNAL BRICKWORK.

WINDOWS AND DOORS:

- PROVIDE FLYSCREENS WITH CORROSION RESISTANT MESH TO ALL OPERABLE WINDOW SASHES (NO REQUIREMENT TO SCREEN BI-FOLD / FRENCH / SLIDING / STACKER DOORS).
- PROVIDE BAL-19 RATED ALUMINIUM WINDOWS AND EXTERNAL GLASS SLIDING / STACKER DOORS.
- SPECIFIED ALUMINIUM FRENCH DOORS HAVE BEEN TESTED TO AS 1530.8.1 WITHOUT SCREENS.
- SPECIFIED ALUMINIUM WINDOWS HAVE BEEN TESTED TO AS 1530.8.1 WITHOUT SCREENS TO FIXED PANELS.
- PROVIDE ALUMINIUM DOOR JAMBS TO ALL EXTERNAL TIMBER DOORS.
- PROVIDE SAFETY SCREENS WITH CORROSION RESISTANT MESH TO EXTERNAL TIMBER HUNG DOORS (IF REQUIRED).
- PROVIDE SEAL TO ALL GARAGE PANEL/LIFT / ROLLER DOORS.

OTHER:

- PROVIDE COPPER WATER PIPES FROM WATER TANK TO HOUSE.

PRELIMINARY PLAN SET

6	PRELIMINARY PLAN SET - ADD SW & WASTE WATER UPDATES TO SITE PLAN	ALL	2026.01.27	PL1	-
No.	AMENDMENT	SHEET	DATE	DRAWN	CHECK

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SPECIFICATION:	DISCOVERY	REVISION:	2	PRELIM PLANS - INITIAL ISSUE	DRAWN:	KPH	16/10/2025	CLIENT:		HOUSE DESIGN:	MONASH 11	HOUSE CODE:	H-WDCMNS30SA	DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS ONLY. CHECK AND VERIFY DIMENSIONS AND LEVELS PRIOR TO THE COMMENCEMENT OF ANY WORK. ALL DISCREPANCIES TO BE REPORTED TO THE DRAFTING OFFICE.
COPYRIGHT:	© 2026		3	PRELIM PLANS - CORRECTION PLANS		TDO	21/11/2025	ADDRESS:	2 CARTELA DRIVE, NUBEENA TAS 7184	FACADE DESIGN:	GRANGE	FACADE CODE:	F-WDCMNS30GRNGA	
			4	PRELIM PLANS - COLOUR UPDATE		KPH	02/12/2025	LOT / SECTION / CT:	2 / - / 161508	SHEET TITLE:	COVER SHEET	SCALES:		
			5	PRELIM PLANS - AMENDMENTS		PL1	10/12/2025	COUNCIL:	TASMAN	SHEET No.:	1 / 21			
			6	PRELIM PLANS - AMENDMENTS		PL1	27/01/2026							
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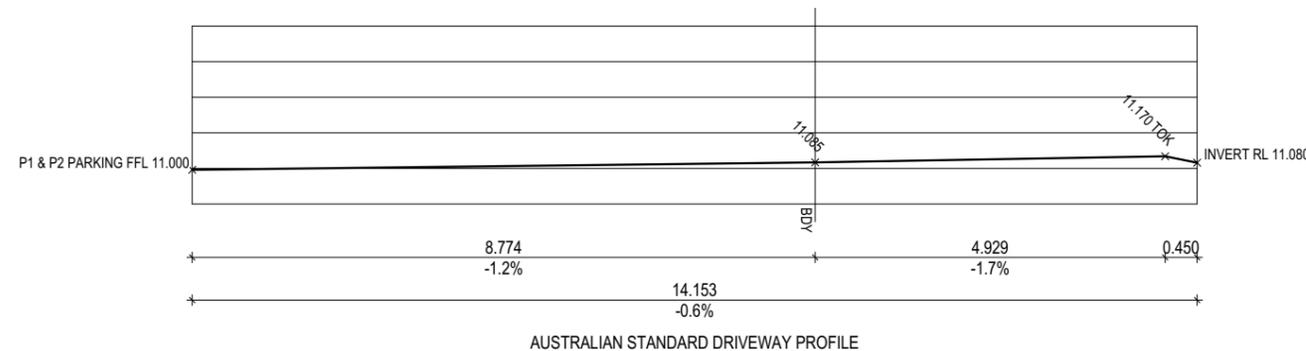
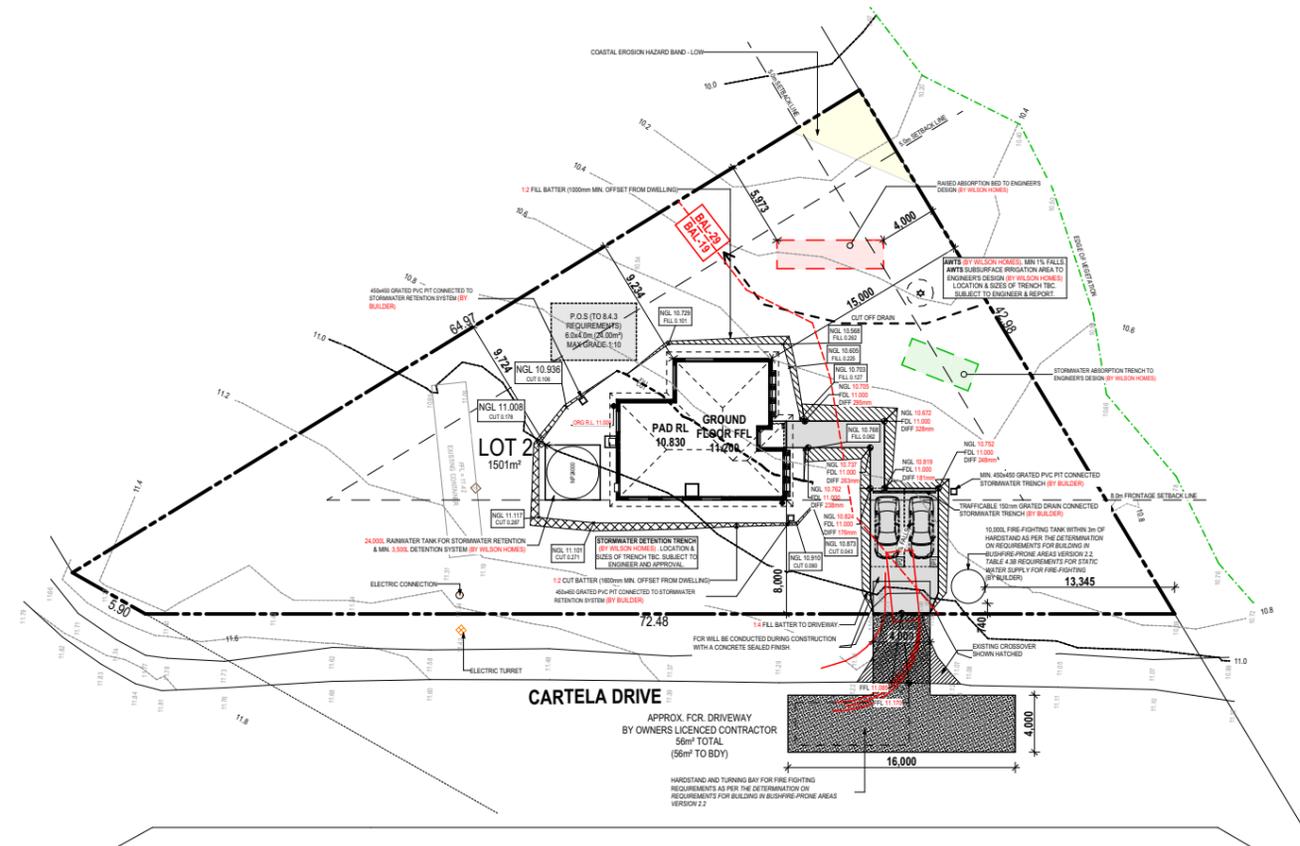
REFER TO SHEET 1 (COVER SHEET) FOR ALL BUILDING INFORMATION REGARDING:
 - SUSTAINABILITY REQUIREMENTS
 - SITE CLASSIFICATION
 - GENERAL BUILDING INFORMATION

APPROX. CUT/FILL		
CUT	17.14m³	38.57t
FILL	14.31m³	32.20t
DIFFERENCE	2.83m³	6.37t
6 TONNES OF EXPORT FILL		

LOT SIZE: **1501m²**
 HOUSE (COVERED AREA): **103.20m²**
 SITE COVERAGE: **6.88%**

BAL-19 BUSHFIRE REQUIREMENTS
 SEE SHEET 1 (COVER SHEET) FOR DETAILS

PLANS ARE PRELIMINARY ONLY
PENDING ENGINEER'S DESIGN



SUBJECT TO NCC 2022
(1 MAY 2023)
 WATERPROOFING & PLUMBING
 CONDENSATION MANAGEMENT

PLAN ACCEPTANCE BY OWNER

SIGNATURE: _____ DATE: _____

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DISCOVERY	2 PRELIM PLANS - INITIAL ISSUE	KPH 16/10/2025	ADDRESS: 2 CARTELA DRIVE, NUBEENA TAS 7184	MONASH 11	H-WDCMNS30SA	
COPYRIGHT: © 2026	3 PRELIM PLANS - CORRECTION PLANS	TDO 21/11/2025		LOT / SECTION / CT: 2 / - / 161508	FACADE DESIGN: GRANGE	FACADE CODE: F-WDCMNS30GRNGA
	4 PRELIM PLANS - COLOUR UPDATE	KPH 02/12/2025	COUNCIL: TASMAN	SHEET TITLE: SITE PLAN 1:500	SHEET No.: 2 / 21	SCALES: 1:500
	5 PRELIM PLANS - AMENDMENTS	PL1 10/12/2025				
	6 PRELIM PLANS - AMENDMENTS	PL1 27/01/2026				

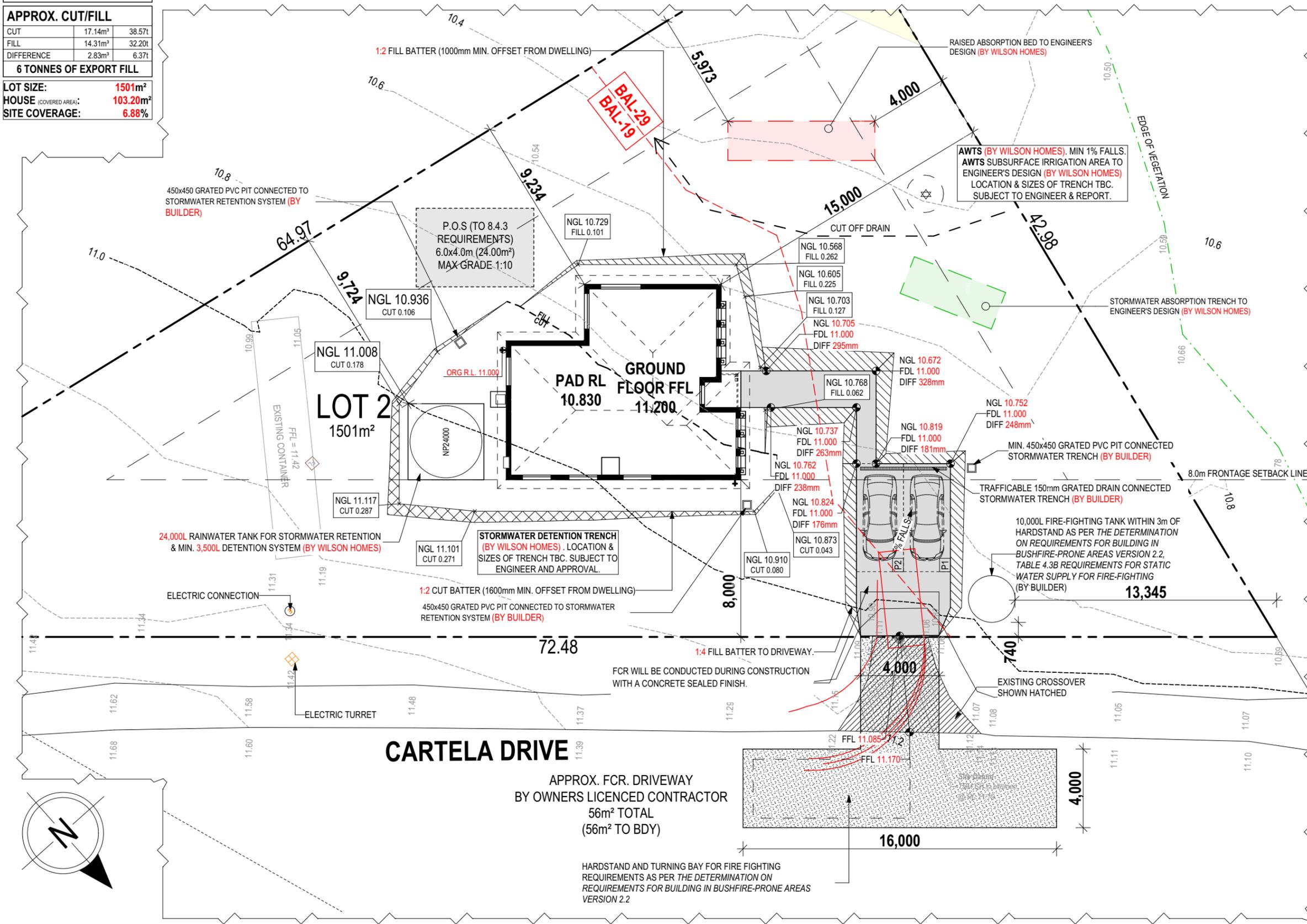
REFER TO SHEET 1 (COVER SHEET) FOR ALL BUILDING INFORMATION REGARDING:
 - SUSTAINABILITY REQUIREMENTS
 - SITE CLASSIFICATION
 - GENERAL BUILDING INFORMATION

APPROX. CUT/FILL		
CUT	17.14m³	38.57t
FILL	14.31m³	32.20t
DIFFERENCE	2.83m³	6.37t
6 TONNES OF EXPORT FILL		

LOT SIZE: **1501m²**
 HOUSE (COVERED AREA): **103.20m²**
 SITE COVERAGE: **6.88%**

BAL-19 BUSHFIRE REQUIREMENTS
 SEE SHEET 1 (COVER SHEET) FOR DETAILS

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	2 PRELIM PLANS - INITIAL ISSUE	KPH 16/10/2025	2 CARTELA DRIVE, NUBEENA TAS 7184	MONASH 11	H-WDCMNS30SA	
	3 PRELIM PLANS - CORRECTION PLANS	TDO 21/11/2025	LOT / SECTION / CT:	FACADE DESIGN:	FACADE CODE:	
	4 PRELIM PLANS - COLOUR UPDATE	KPH 02/12/2025	2 / - / 161508	GRANGE	F-WDCMNS30GRNGA	
	5 PRELIM PLANS - AMENDMENTS	PL1 10/12/2025	COUNCIL:	SHEET TITLE:	SHEET No.:	
	6 PRELIM PLANS - AMENDMENTS	PL1 27/01/2026	TASMAN	SITE PLAN 1:200	3 / 21	
				SCALES:	1:200	

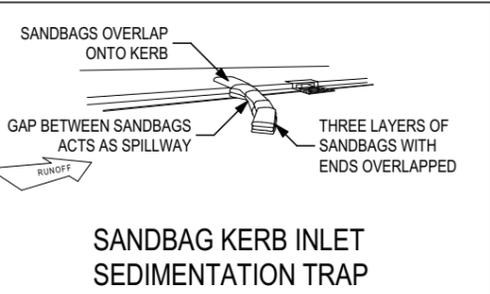
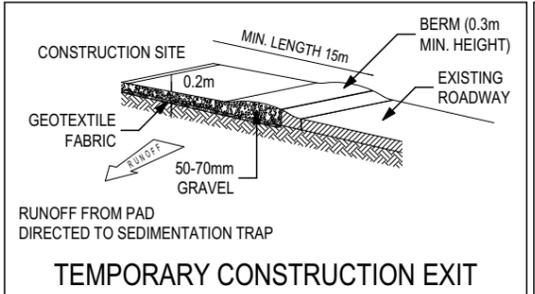
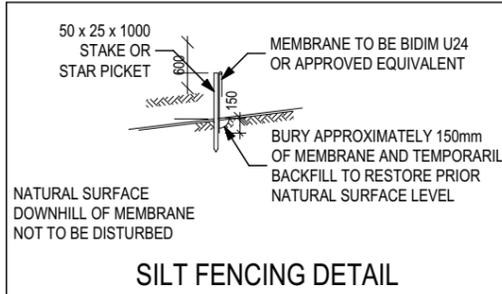
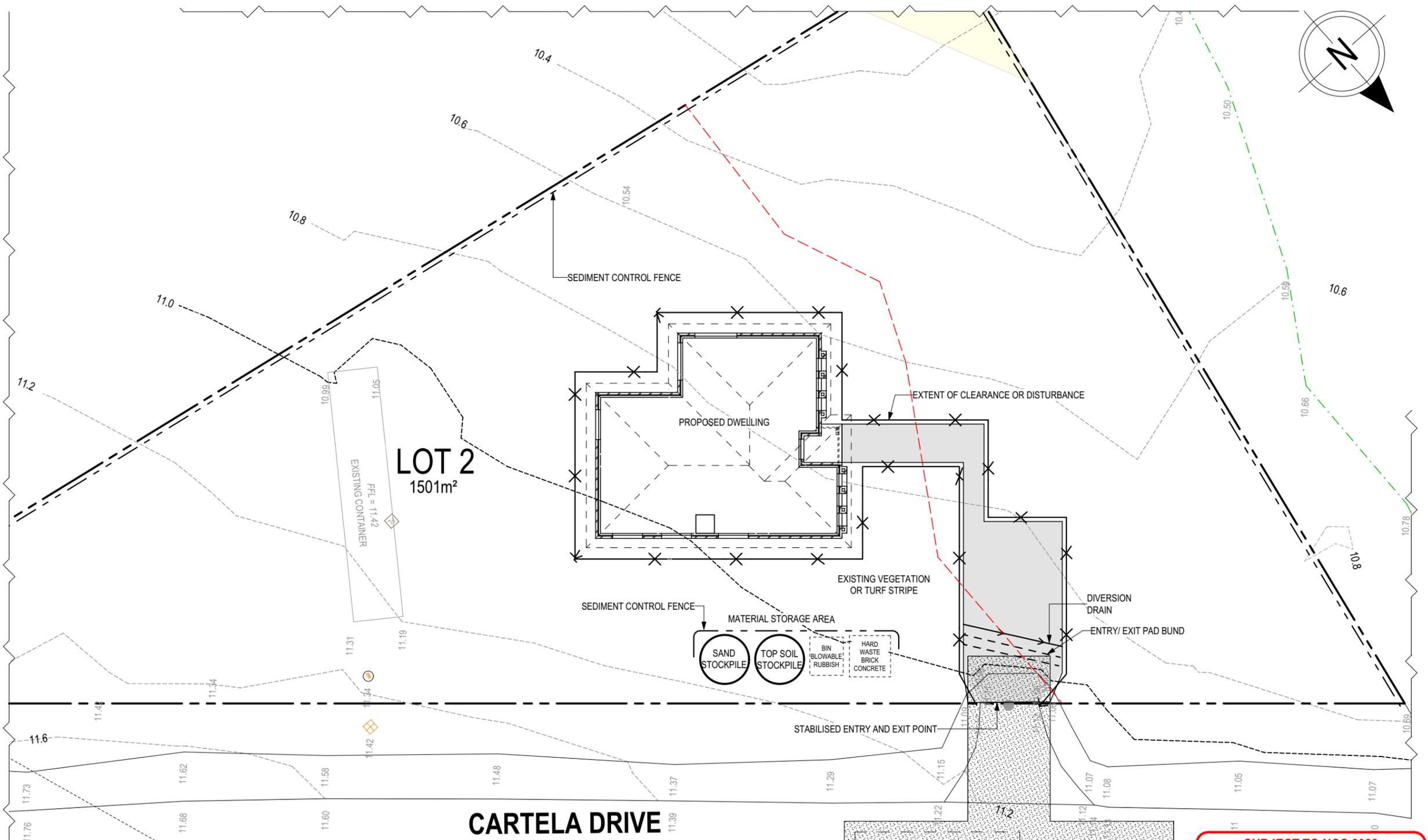
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 Template Version: 24.041

ALL VEGETATION OUTSIDE THE BUILDING ZONE WILL BE MAINTAINED.

OWNER TO STABILISE THE SITE ON COMPLETION OF THE BUILD WITH TURF LAWNS, GRASS SEEDS, NATIVE GROUND COVERS AND/ OR MULCH SPREAD TO A DEPTH OF 75-100mm

THE FOLLOWING IS A STANDARD APPROACH. SEDIMENT AND EROSION CONTROL MEASURES WILL BE REVIEWED PRIOR TO COMMENCING WORK AND INSTALLED BASED ON THE OUTCOME OF THAT REVIEW.

- NOTES:
1. ALL EROSION AND SEDIMENT CONTROL STRUCTURES TO BE INSPECTED EACH WORKING DAY AND MAINTAINED IN GOOD WORKING ORDER.
 2. ALL GROUND COVER VEGETATION OUTSIDE THE IMMEDIATE BUILDING AREA TO BE PRESERVED DURING THE BUILDING PHASE.
 3. ALL EROSION AND SEDIMENT CONTROL MEASURES TO BE INSTALLED PRIOR TO COMMENCEMENT OF MAJOR EARTHWORKS.
 4. STOCKPILES OF CLAYEY MATERIAL TO BE COVERED WITH AN IMPERVIOUS SHEET.
 5. ROOF WATER DOWNPIPES TO BE CONNECTED TO THE PERMANENT UNDERGROUND STORMWATER DRAINAGE SYSTEM AS SOON AS PRACTICAL AFTER THE ROOF IS LAID.
 6. DIVERSION DRAINS ARE TO BE CONNECTED TO A LEGAL DISCHARGE POINT (COUNCIL STORMWATER SYSTEM, WATERCOURSE OR ROAD DRAIN).
 7. SEDIMENT RETENTION TRAPS INSTALLED AROUND THE INLETS TO THE STORMWATER SYSTEM TO PREVENT SEDIMENT & OTHER DEBRIS BLOCKING THE DRAINS.



CR. DRIVEWAY
 (NCC 2022)
 (2.2.2 TOTAL
 TO BDY)

ALL RUNOFF AND SEDIMENT CONTROL STRUCTURES WILL BE INSPECTED EACH WORKING DAY AND MAINTAINED IN A FUNCTIONAL CONDITION.

ALL VEGETATION OUTSIDE THE BUILDING ZONE WILL BE MAINTAINED.

**SUBJECT TO NCC 2022
 (1 MAY 2023)
 WATERPROOFING & PLUMBING
 CONDENSATION MANAGEMENT**

PLAN ACCEPTANCE BY OWNER

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SPECIFICATION: DISCOVERY COPYRIGHT: © 2026	REVISION 2 PRELIM PLANS - INITIAL ISSUE	DRAWN KPH 16/10/2025	CLIENT: ADDRESS: 2 CARTELA DRIVE, NUBEENA TAS 7184	HOUSE DESIGN: MONASH 11	HOUSE CODE: H-WDCMNS30SA	DO NOT SCALE DRAWINGS. USE FIGURED DIMENSIONS ONLY. CHECK AND VERIFY DIMENSIONS AND LEVELS PRIOR TO THE COMMENCEMENT OF ANY WORK. ALL DISCREPANCIES TO BE REPORTED TO THE DRAFTING OFFICE. 714445	
	3 PRELIM PLANS - CORRECTION PLANS	TDO 21/11/2025	LOT / SECTION / CT: 2 / - / 161508	FACADE DESIGN: GRANGE	FACADE CODE: F-WDCMNS30GRNGA		
	4 PRELIM PLANS - COLOUR UPDATE	KPH 02/12/2025		SHEET TITLE: SOIL & WATER MANAGEMENT PLAN	SHEET No.: 4 / 21		SCALES: 1:200
	5 PRELIM PLANS - AMENDMENTS	PL1 10/12/2025		COUNCIL: TASMAN			
	6 PRELIM PLANS - AMENDMENTS	PL1 27/01/2026					

BAL-19 BUSHFIRE REQUIREMENTS
SEE SHEET 1 (COVER SHEET) FOR DETAILS

LOW REFLECTANCE GLAZING TO BE USED ON WINDOWS AND GLAZED DOORS AS REQUIRED BY CLA-S4.7.1

REFER TO SHEET 1 (COVER SHEET) FOR ALL BUILDING INFORMATION REGARDING:
- SUSTAINABILITY REQUIREMENTS
- SITE CLASSIFICATION
- GENERAL BUILDING INFORMATION

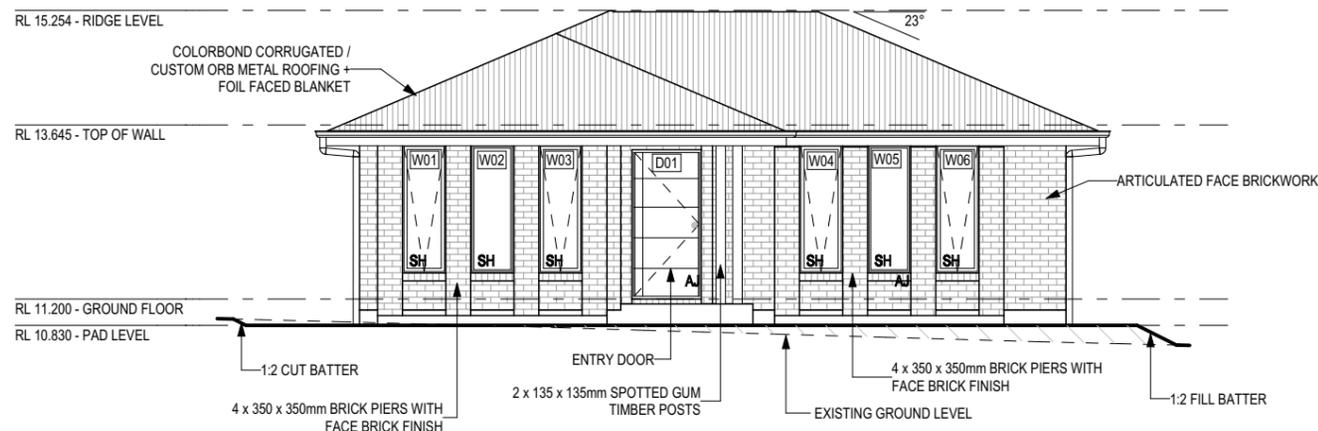
SOME DETAILS ON THIS SHEET ARE INDICATIVE ONLY FOR EXAMPLE BRICKWORK AND CLADDING (EXPANSION JOINTS, ORIENTATION AND LAYOUT) AND ARE SUBJECT TO CHANGE.

SH = SNAP HEADER SILL

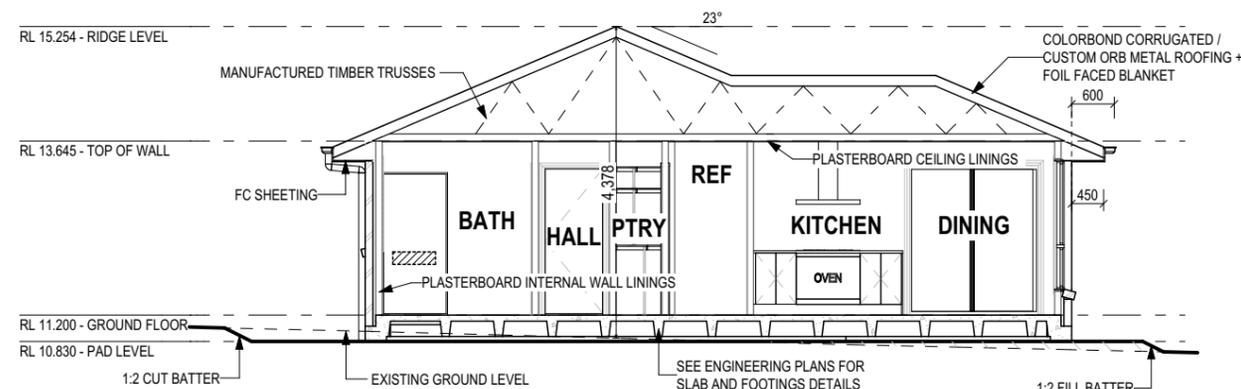
BEDROOM WINDOW OPENINGS ABOVE 2m OFF THE SURFACE BENEATH TO BE RESTRICTED AS REQUIRED BY NCC 11.3.7 (VOLUME TWO)

ROOMS OTHER THAN BEDROOM WINDOW OPENINGS ABOVE 4m OFF THE SURFACE BENEATH TO BE RESTRICTED AS REQUIRED BY NCC 11.3.7 (VOLUME TWO)

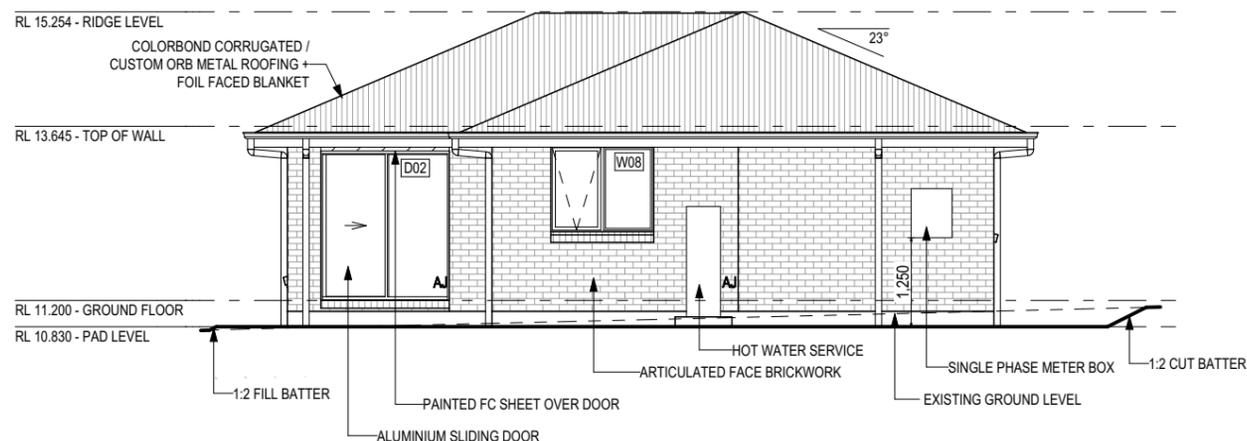
REFER TO THE FOLLOWING DETAILS:
BRICK COURSING W-BRIC-001



NORTH WEST ELEVATION
SCALE: 1:100



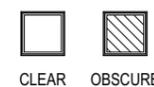
SECTION A-A
SCALE: 1:100



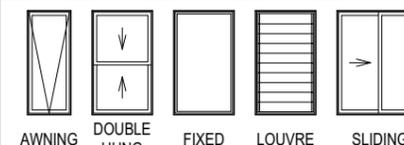
SOUTH EAST ELEVATION
SCALE: 1:100

SUBJECT TO NCC 2022
(1 MAY 2023)
WATERPROOFING & PLUMBING
CONDENSATION MANAGEMENT

GLASS TYPE LEGEND



WINDOW TYPE LEGEND



PLAN ACCEPTANCE BY OWNER

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SIGNATURE: _____ DATE: _____

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	2	PRELIM PLANS - INITIAL ISSUE	KPH	16/10/2025	ADDRESS: 2 CARTELA DRIVE, NUBEENA TAS 7184	MONASH 11		H-WDCMNS30SA	
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	4	PRELIM PLANS - COLOUR UPDATE	KPH	02/12/2025	LOT / SECTION / CT:	2 / - / 161508		COUNCIL:	TASMAN
	5	PRELIM PLANS - AMENDMENTS	PL1	10/12/2025	SHEET TITLE:	ELEVATIONS / SECTION		SHEET No.:	6 / 21
	6	PRELIM PLANS - AMENDMENTS	PL1	27/01/2026	SCALES:	1:100			

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BAL-19 BUSHFIRE REQUIREMENTS
SEE SHEET 1 (COVER SHEET) FOR DETAILS

LOW REFLECTANCE GLAZING TO BE USED ON WINDOWS AND GLAZED DOORS AS REQUIRED BY CLA-S4.7.1

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SH = SNAP HEADER SILL

BEDROOM WINDOW OPENINGS ABOVE 2m OFF THE SURFACE BENEATH TO BE RESTRICTED AS REQUIRED BY NCC 11.3.7 (VOLUME TWO)

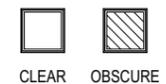
ROOMS OTHER THAN BEDROOM WINDOW OPENINGS ABOVE 4m OFF THE SURFACE BENEATH TO BE RESTRICTED AS REQUIRED BY NCC 11.3.7 (VOLUME TWO)

REFER TO THE FOLLOWING DETAILS:
BRICK COURSING W-BRIC-001

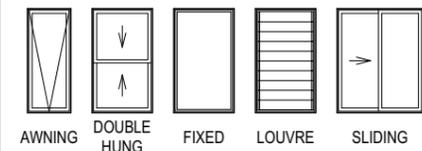


SUBJECT TO NCC 2022
(1 MAY 2023)
WATERPROOFING & PLUMBING
CONDENSATION MANAGEMENT

GLASS TYPE LEGEND



WINDOW TYPE LEGEND



PLAN ACCEPTANCE BY OWNER

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					TASMAN			7 / 21			

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EXTERIOR WINDOW & DOOR SCHEDULE <small>1,2 ASSUME LOOKING FROM OUTSIDE</small>															
STOREY	ID	CODE ¹	TYPE	ROOM	HEIGHT	WIDTH	PERIMETER	AREA (m ²)	FRAME TYPE	BAL RATING	SILL TYPE	ORIENT.	GLAZING AREA (m ²)	GLAZING TYPE (SINGLE GLAZING U.N.O.)	ADDITIONAL INFORMATION ²
WINDOW															
GROUND FLOOR	W01	A1806	AWNING	BED 1	1,800	610	4,820	1.10	ALUMINIUM	BAL-19	SNAP HEADER	NW	0.81	CLEAR, DOUBLE GLAZED	
GROUND FLOOR	W02	F1806	FIXED	BED 1	1,800	610	4,820	1.10	ALUMINIUM	BAL-19	SNAP HEADER	NW	0.93	CLEAR, DOUBLE GLAZED	
GROUND FLOOR	W03	A1806	AWNING	BED 1	1,800	610	4,820	1.10	ALUMINIUM	BAL-19	SNAP HEADER	NW	0.81	CLEAR, DOUBLE GLAZED	
GROUND FLOOR	W04	A1806	AWNING	LIVING	1,800	610	4,820	1.10	ALUMINIUM	BAL-19	SNAP HEADER	NW	0.81	CLEAR, DOUBLE GLAZED	
GROUND FLOOR	W05	F1806	FIXED	LIVING	1,800	610	4,820	1.10	ALUMINIUM	BAL-19	SNAP HEADER	NW	0.93	CLEAR, DOUBLE GLAZED	
GROUND FLOOR	W06	A1806	AWNING	LIVING	1,800	610	4,820	1.10	ALUMINIUM	BAL-19	SNAP HEADER	NW	0.81	CLEAR, DOUBLE GLAZED	
GROUND FLOOR	W07	AFA/FFF1821	AWNING	DINING	1,800	2,050	7,700	3.69	ALUMINIUM	BAL-19	ANGLED	SW	2.85	CLEAR, DOUBLE GLAZED	BP 600, MP 683-683/683-683
GROUND FLOOR	W08	AF1215	AWNING	BED 3	1,200	1,450	5,300	1.74	ALUMINIUM	BAL-19	ANGLED	SE	1.38	CLEAR, DOUBLE GLAZED	MP 725
GROUND FLOOR	W09	AF1215	AWNING	BED 2	1,200	1,450	5,300	1.74	ALUMINIUM	BAL-19	ANGLED	NE	1.38	CLEAR, DOUBLE GLAZED	MP 725
GROUND FLOOR	W10	AF1215	AWNING	LDRY	1,200	1,450	5,300	1.74	ALUMINIUM	BAL-19	ANGLED	NE	1.38	CLEAR, DOUBLE GLAZED	MP 725
GROUND FLOOR	W11	AF1215	AWNING	BATH	1,200	1,450	5,300	1.74	ALUMINIUM	BAL-19	ANGLED	NE	1.38	OBSCURE, DOUBLE GLAZED, TOUGHENED	MP 725
							57,820 mm	17.24					13.46		
DOOR															
GROUND FLOOR	D01	920	SWINGING	ENTRY	2,097	976	6,146	2.05	ALUMINIUM	BAL-19	SNAP HEADER	NW	1.41	N/A	
GROUND FLOOR	D02	SF2118	SLIDING	DINING	2,100	1,810	7,820	3.80	ALUMINIUM	BAL-19	SNAP HEADER	SE	3.31	CLEAR, TOUGHENED	ALI VIEW SECURITY SCREEN
							13,966 mm	5.85					4.73		
							71,786 mm	23.09					18.19		

NOTE:
Provide BAL - 19 rated aluminium windows and external glass sliding doors in lieu of standard.
Provide flyscreens with corrosion resistant mesh to all opening window sashes only.

Window Manufacturer: Dowell Windows			
No BAL / BAL 12.5			
Window Type	WERS Code	U Value	SHGC
Sliding Window	DOW-022-003	2.9	0.64
Awning Window	DOW-005-001	3.9	0.58
Fixed External Window	DOW-038-001	3.03	0.71
Sliding Door	DAR-034-001	3.97	0.63
Stacking Door	DAR-034-001	3.97	0.63
Hinged Door	DOW-017-001	4.1	0.55
Bi-Fold Door	DOW-020-001	4.1	0.54
BAL 19			
Window Type	WERS Code	U Value	SHGC
Sliding Window	TND-034-001	3.1	0.61
Awning Window	STG-001-066	3.91	0.54
Fixed External Window	DOW-038-005	3.02	0.66
Sliding Door	AUW-009-009	4.03	0.58
Stacking Door	AUW-009-009	4.03	0.58
Hinged Door	GRN-009-001	4.25	0.53
Bi-Fold Door	DOW-020-001	4.1	0.54
BAL 29			
Window Type	WERS Code	U Value	SHGC
Sliding Window	TND-034-001	3.1	0.61
Awning Window	STG-001-066	3.91	0.54
Fixed External Window	DOW-038-005	3.02	0.66
Sliding Door	AMJ-007-005	4.03	0.59
Stacking Door	AMJ-007-005	4.03	0.59
Hinged Door	GRN-009-001	4.29	0.53
NOTE: Windows supplied MUST HAVE Uw better and or equal to stated figures and SHGC within +/- 5% of stated figures. Restricted windows to have their openability restricted as per N.C.C 11.3.6.			

INTERIOR WINDOW & DOOR SCHEDULE							
STOREY	QTY	CODE	TYPE	HEIGHT	WIDTH	GLAZING TYPE	ADDITIONAL INFORMATION
DOOR							
GROUND FLOOR	1	1000 SS	SQUARE SET OPENING	2,155	1,000	N/A	
GROUND FLOOR	1	2 x 520	SWINGING	2,040	1,040	N/A	
GROUND FLOOR	2	2 x 720	SWINGING	2,040	1,440	N/A	
GROUND FLOOR	1	2 x 820	SWINGING	2,040	1,640	N/A	
GROUND FLOOR	1	720	SWINGING	2,040	720	N/A	
GROUND FLOOR	5	820	SWINGING	2,040	820	N/A	

PICTURE, TV RECESS AND SS WINDOW OPENINGS				
QTY	TYPE	HEIGHT	WIDTH	AREA (m ²)

REFER TO SHEET 1 (COVER SHEET) FOR ALL BUILDING INFORMATION REGARDING:
- SUSTAINABILITY REQUIREMENTS
- SITE CLASSIFICATION
- GENERAL BUILDING INFORMATION

BAL-19 BUSHFIRE REQUIREMENTS
SEE SHEET 1 (COVER SHEET) FOR DETAILS

NOTE: INTERNAL DOORS TO WET AREAS WITH MECHANICAL VENTILATION TO BE UNDERCUT 20mm

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CONDENSATION MANAGEMENT

PLAN ACCEPTANCE BY OWNER	
SIGNATURE: _____	DATE: _____
SIGNATURE: _____	DATE: _____
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	DISCOVERY	2 PRELIM PLANS - INITIAL ISSUE	KPH 16/10/2025		MONASH 11	H-WDCMNS30SA	
	COPYRIGHT:	3 PRELIM PLANS - CORRECTION PLANS	TDO 21/11/2025	ADDRESS:	GRANGE	F-WDCMNS30GRNGA	
	© 2026	4 PRELIM PLANS - COLOUR UPDATE	KPH 02/12/2025	2 CARTELA DRIVE, NUBEENA TAS 7184	SHEET TITLE:	SCALES:	
		5 PRELIM PLANS - AMENDMENTS	PL1 10/12/2025	LOT / SECTION / CT:	WINDOW & DOOR SCHEDULES	8 / 21	
		6 PRELIM PLANS - AMENDMENTS	PL1 27/01/2026	2 / - / 161508	COUNCIL:		
				TASMAN			

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NATURAL LIGHT AND VENTILATION

ROOM	AREA (m ²)	WINDOW ID	LIGHT REQUIRED (m ²)	LIGHT ACHIEVED (m ²)	VENTILATION REQ'D (m ²)	VENTILATION ACH'D (m ²)
OPEN KITCHEN/ LIVING/ DINING	31.23 m ²	D02, W04, W05, W06, W07	3.12 m ²	8.71 m ²	1.56 m ²	5.15 m ²
BED 1	11.48 m ²	W01,W02, W03	1.15 m ²	2.55 m ²	0.57 m ²	2.00 m ²
BED 2	9.69 m ²	W09	0.97 m ²	1.38 m ²	0.48 m ²	0.79 m ²
BED 3	11.07 m ²	W08	1.11 m ²	1.38 m ²	0.55 m ²	0.79 m ²

PART 10.5.1 LIGHT: Minimum 10% of the floor area of a habitable room required (natural light)

PART 10.6 VENTILATION: Minimum 5% of the floor area of a habitable room required. (An exhaust fan may be used for sanitary compartment, laundry or bathroom provided contaminated air discharges directly to the outside of the building by way of ducts).

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WATERPROOFING & PLUMBING
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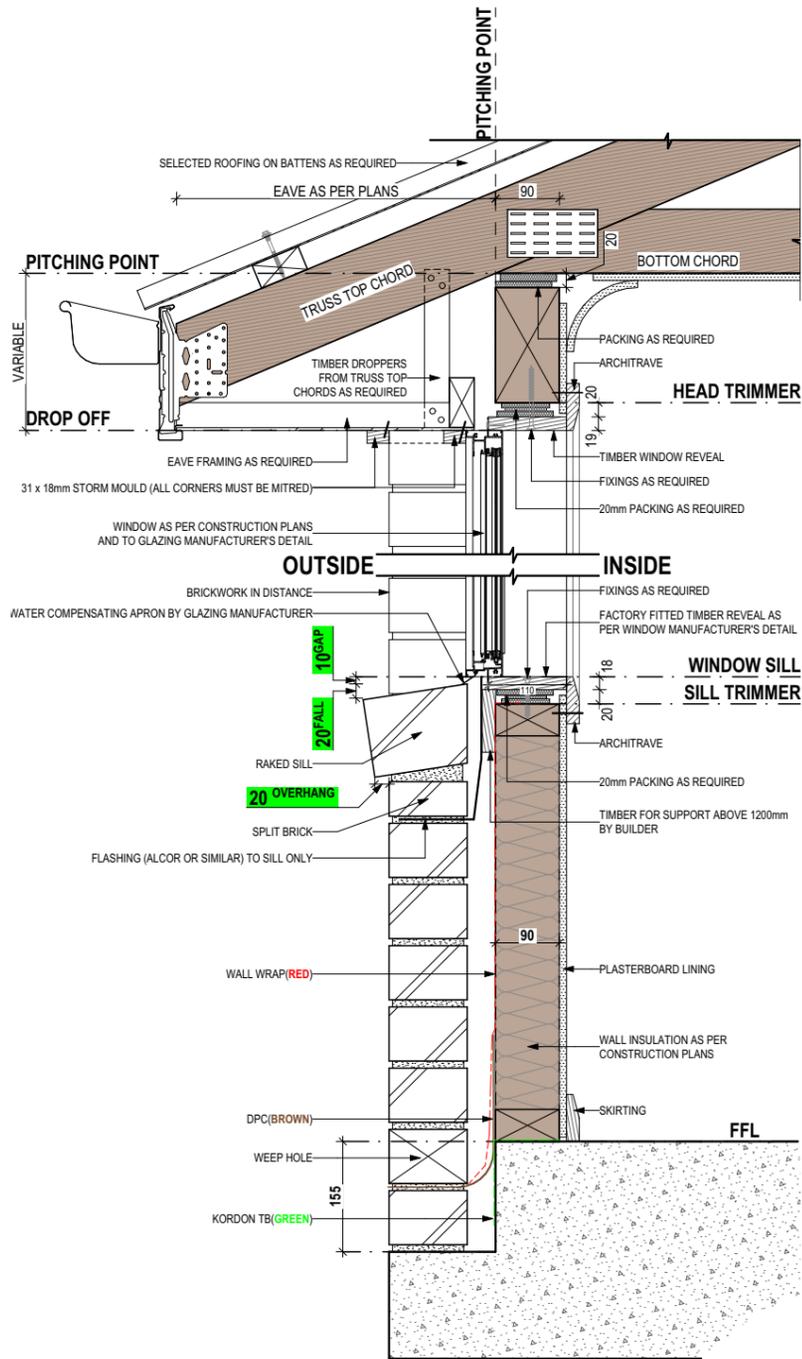
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REFER TO SHEET 1 (COVER SHEET) FOR ALL BUILDING INFORMATION REGARDING:
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- SITE CLASSIFICATION
- GENERAL BUILDING INFORMATION

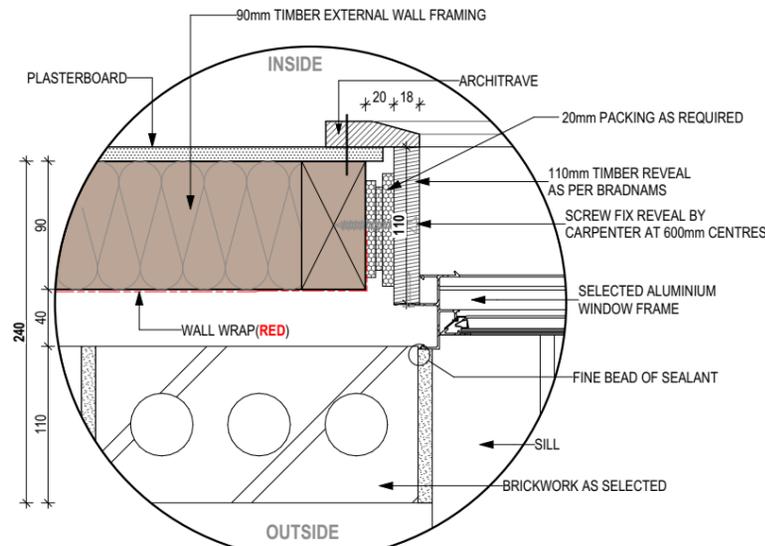
BAL-19 BUSHFIRE REQUIREMENTS
SEE SHEET 1 (COVER SHEET) FOR DETAILS

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	COPYRIGHT:	3	PRELIM PLANS - CORRECTION PLANS	TDO 21/11/2025	ADDRESS:	FACADE DESIGN:	FACADE CODE:	
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		5	PRELIM PLANS - AMENDMENTS	PL1 10/12/2025	LOT / SECTION / CT:	SHEET TITLE:	SHEET No.:	
		6	PRELIM PLANS - AMENDMENTS	PL1 27/01/2026	2 / - / 161508	COUNCIL:	9 / 21	
					TASMAN	CALCULATIONS	SCALES:	714445



SECTIONS
SCALE: 1:10



DETAILS
SCALE: 1:5

STANDARD BRICK								STANDARD BRICK															
BRICKWORK DIMENSIONS				Bricks per m ² in wall = 48.5 approx.				all dimensions in mm				BRICKWORK DIMENSIONS				Bricks per m ² in wall = 48.5 approx.				all dimensions in mm			
FORMAT SIZE:		MANUFACTURING SIZE:		VERTICAL GAUGE:		FORMAT SIZE:		MANUFACTURING SIZE:		VERTICAL GAUGE:		FORMAT SIZE:		MANUFACTURING SIZE:		VERTICAL GAUGE:							
240x120x86mm		230x110x76mm		7 Courses to 600mm		240x120x86mm		230x110x76mm		7 Courses to 600mm		240x120x86mm		230x110x76mm		7 Courses to 600mm							
NO. OF BRICKS	LENGTH	OPENING	HEIGHT	NO. OF BRICKS	LENGTH	OPENING	HEIGHT	NO. OF BRICKS	LENGTH	OPENING	HEIGHT	NO. OF BRICKS	LENGTH	OPENING	HEIGHT	NO. OF BRICKS	LENGTH	OPENING	HEIGHT				
1	230	250	86	26	6230	6250	2229	11	2630	2650	943	36 ¹ / ₂	8630						3086				
1 ¹ / ₂	350	370		26 ¹ / ₂	6350	6370		11 ¹ / ₂	2750	2770		36 ¹ / ₂	8750						3172				
2	470	490	172	27	6470	6490	2314	12	2870	2890	1029	37	8870						3257				
2 ¹ / ₂	590	610		27 ¹ / ₂	6590	6610		12 ¹ / ₂	2990	3010	1114	37 ¹ / ₂	8990						3343				
3	710	730	257	28	6710	6730	2400	13	3110	3130	1200	38	9110						3429				
3 ¹ / ₂	830	850		28 ¹ / ₂	6830	6850		13 ¹ / ₂	3230	3250	1286	38 ¹ / ₂	9230						3514				
4	950	970	343	29	6950	6970	2486	14	3350	3370	1372	39	9350						3600				
4 ¹ / ₂	1070	1090		29 ¹ / ₂	7070	7090		14 ¹ / ₂	3470	3490	1457	39 ¹ / ₂	9470						3686				
5	1190	1210	429	30	7190	7210	2572	15	3590	3610	1543	40	9590						3772				
5 ¹ / ₂	1310	1330		30 ¹ / ₂	7310	7330		15 ¹ / ₂	3710	3730	1629	40 ¹ / ₂	9710						3857				
6	1430	1450	514	31	7430	7450	2657	16	3830	3850	1714	41	9830						3943				
6 ¹ / ₂	1550	1570		31 ¹ / ₂	7550	7570		16 ¹ / ₂	3950	3970	1800	41 ¹ / ₂	9950						4029				
7	1670	1690	600	32	7670	7690	2743	17	4070	4090	1886	42	10070						4114				
7 ¹ / ₂	1790	1810		32 ¹ / ₂	7790	7810		17 ¹ / ₂	4190	4210	1972	42 ¹ / ₂	10190						4200				
8	1910	1930	686	33	7910	7930	2829	18	4310	4330	2057	43	10310						4286				
8 ¹ / ₂	2030	2050		33 ¹ / ₂	8030	8050		18 ¹ / ₂	4430	4450	2143	43 ¹ / ₂	10430						4372				
9	2150	2170	772	34	8150	8170	2914	19	4550	4570	2229	44	10550						4457				
9 ¹ / ₂	2270	2290		34 ¹ / ₂	8270	8290		19 ¹ / ₂	4670	4690	2314	44 ¹ / ₂	10670						4543				
10	2390	2410	857	35	8390	8400	3000	20	4790	4810	2400	45	10790						4629				
									20 ¹ / ₂	4910	4930	2486	45 ¹ / ₂	10910					4714				
									21	5030	5050	2572	46	11030					4800				
									21 ¹ / ₂	5150	5170	2657	46 ¹ / ₂	11150					4886				
									22	5270	5290	2743	47	11270					4972				
									22 ¹ / ₂	5390	5410	2829	47 ¹ / ₂	11390					5057				
									23	5510	5530	2914	48	11510					5143				
									23 ¹ / ₂	5630	5650	3000	48 ¹ / ₂	11630					5229				
									24	5750	5770	3086	49	11750					5314				
									24 ¹ / ₂	5870	5890	3172	49 ¹ / ₂	11870					5400				
									25	5990	6010	3257	50	11990					5486				
									25 ¹ / ₂	6110	6130	3343	50	12110					5572				

NOT OFTEN REQUIRED. IF NEEDED ADD 20 TO LENGTH.

**SUBJECT TO NCC 2022
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WATERPROOFING & PLUMBING
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PLAN ACCEPTANCE BY OWNER
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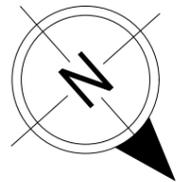
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BAL-19 BUSHFIRE REQUIREMENTS
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			3 PRELIM PLANS - CORRECTION PLANS	TDO 21/11/2025		LOT / SECTION / CT:	2 / - / 161508	SHEET TITLE:	DETAILS (FACE BRICKWORK)		SHEET No.:
			4 PRELIM PLANS - COLOUR UPDATE	KPH 02/12/2025	COUNCIL:	TASMAN			SCALES:		
			5 PRELIM PLANS - AMENDMENTS	PL1 10/12/2025							
			6 PRELIM PLANS - AMENDMENTS	PL1 27/01/2026							

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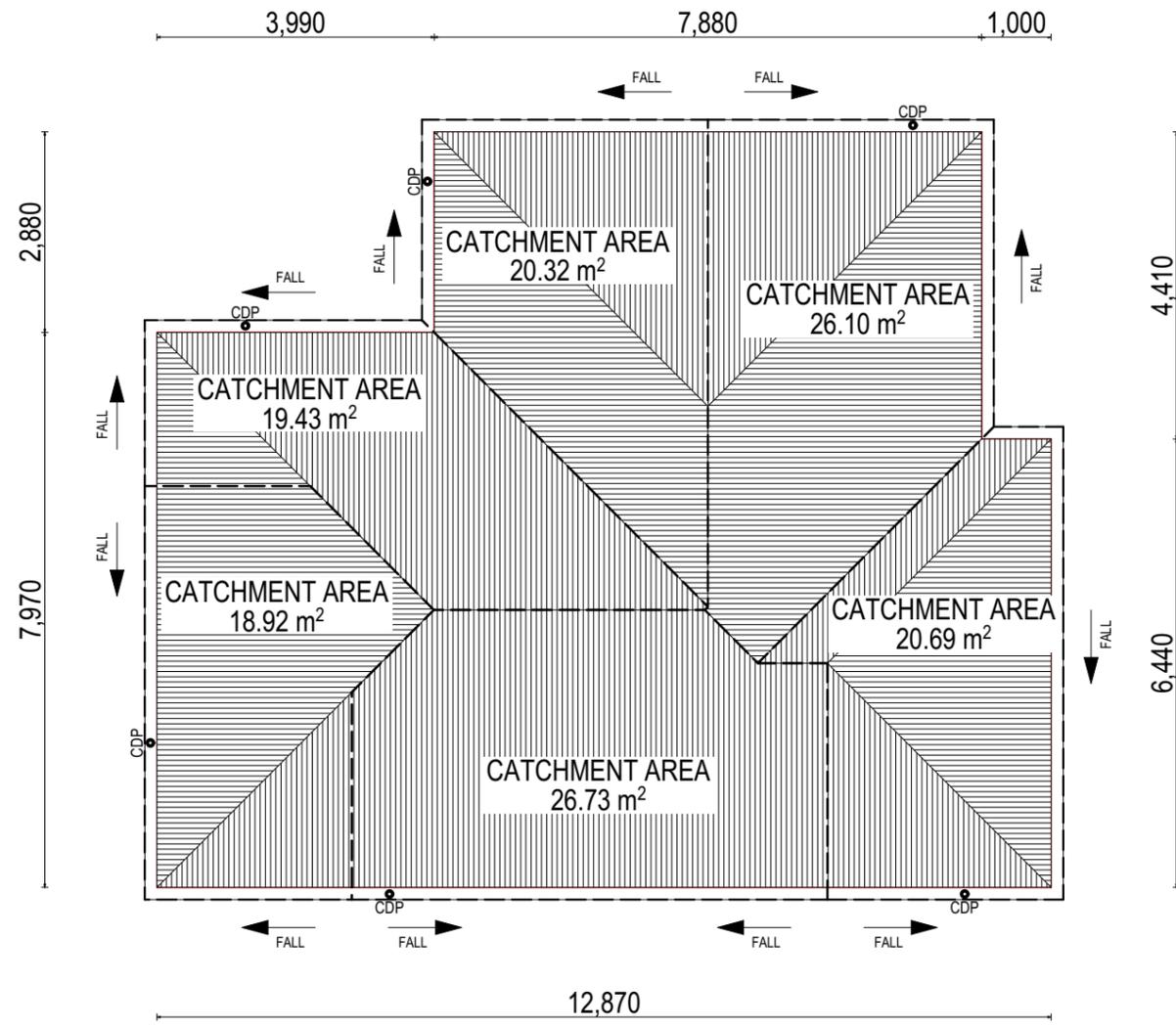


WHERE DOWNPIPES ARE FURTHER THAN 1.2m AWAY FROM VALLEY REFER TO N.C.C. 7.3.5(2)

POSITION AND QUALITY OF DOWNPIPES ARE NOT TO BE ALTERED WITHOUT CONSULTATION WITH DESIGNER.

AREA'S SHOWN ARE SURFACE AREAS/ CATCHMENT AREAS, NOT PLAN AREAS

Roofing Data		
	123.74	Flat Roof Area (excluding gutter and slope factor) (m ²)
	134.42	Roof Surface Area (includes slope factor, excludes gutter) (m ²)
Downpipe roof calculations (as per AS/NZA3500.3:2021)		
Ah	132.20	Area of roof catchment (including 115mm Slotted Quad Gutter) (m ²)
Ac	159.96	Ah x Catchment Area Multiplier for slope (Table 3.4.3.2 from AS/NZS 3500.3:2021) (1.21 for 23° pitch) (m ²)
Ae	6300	Cross sectional area of 57 x 115 Slotted Quad Gutter (mm ²)
DRI	84	Design Rainfall Intensity (determined from Table E1 from AS/NZS 3500.3:2021)
Acdp	64	Catchment area per Downpipe (determined from Figure 3.5(A) from AS/NZS 3500.3:2021) (m ²)
Required Downpipes	2.50	Ac / Acdp
Downpipes Provided	6	



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EV SOFFIT EAVE VENT PROPOSED LOCATION TO BE MIN. 1M FROM CORNER JOINT

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WATERPROOFING & PLUMBING CONDENSATION MANAGEMENT

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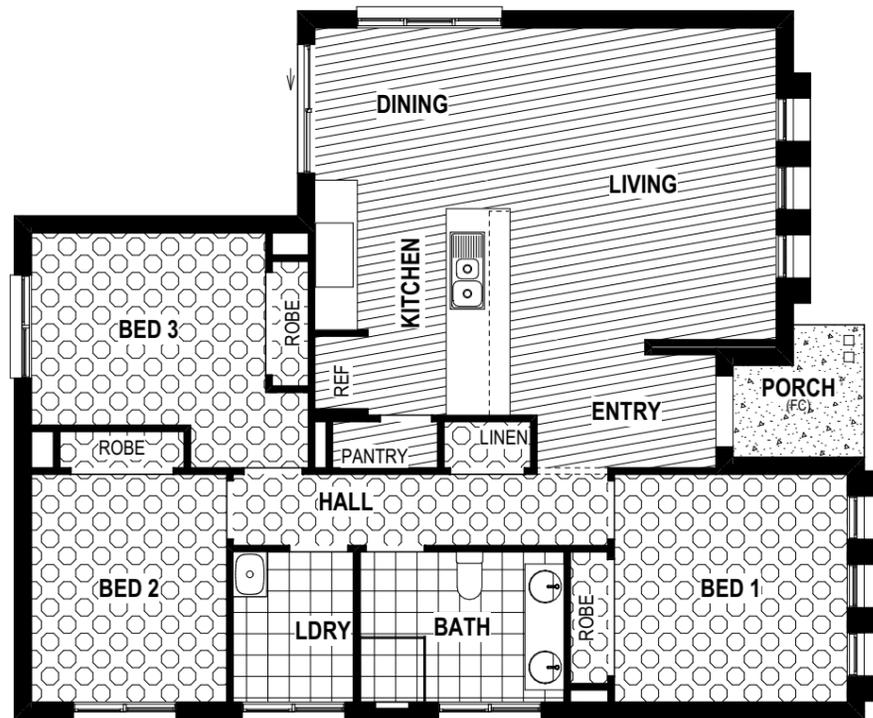
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© 2026	4 PRELIM PLANS - COLOUR UPDATE	KPH 02/12/2025	2 CARTELA DRIVE, NUBEENA TAS 7184	GRANGE	F-WDCMNS30GRNGA	
	5 PRELIM PLANS - AMENDMENTS	PL1 10/12/2025	LOT / SECTION / CT:	SHEET TITLE:	SHEET No.:	
	6 PRELIM PLANS - AMENDMENTS	PL1 27/01/2026	2 / - / 161508	ROOF DRAINAGE PLAN	11 / 21	
			COUNCIL:		SCALES:	1:100
			TASMAN			

REFER TO SHEET 1 (COVER SHEET) FOR ALL BUILDING INFORMATION REGARDING:
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FLOOR TILES SHOWN ON PLAN DO NOT INDICATE THE SIZE OR JOINT LOCATIONS OF THE ACTUAL FLOOR TILES.
 TIMBER FLOORING SHOWN ON PLAN DOES NOT INDICATE THE BOARD SIZE OR DIRECTION OF THE ACTUAL FLOORING.

COVERINGS LEGEND

	NO COVERING
	COVER GRADE CONCRETE
	CARPET
	LAMINATE
	TILE (STANDARD WET AREAS)
	TILE (UPGRADED AREAS)
	DECKING



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	3 PRELIM PLANS - CORRECTION PLANS	TDO 21/11/2025	ADDRESS:	FACADE DESIGN:	FACADE CODE:	
	4 PRELIM PLANS - COLOUR UPDATE	KPH 02/12/2025	2 CARTELA DRIVE, NUBEENA TAS 7184	GRANGE	F-WDCMNS30GRNGA	
	5 PRELIM PLANS - AMENDMENTS	PL1 10/12/2025	LOT / SECTION / CT:	SHEET TITLE:	SHEET No.:	
	6 PRELIM PLANS - AMENDMENTS	PL1 27/01/2026	2 / - / 161508	FLOOR COVERINGS	12 / 21	
			COUNCIL:	SCALES:	1:100	
			TASMAN			

BAL-19 BUSHFIRE REQUIREMENTS
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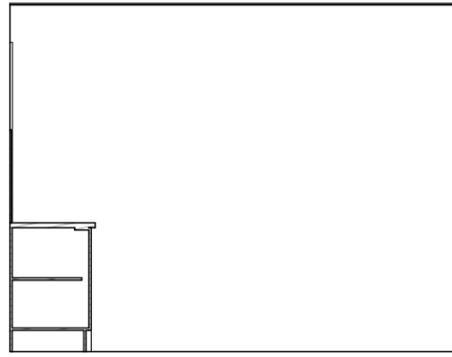
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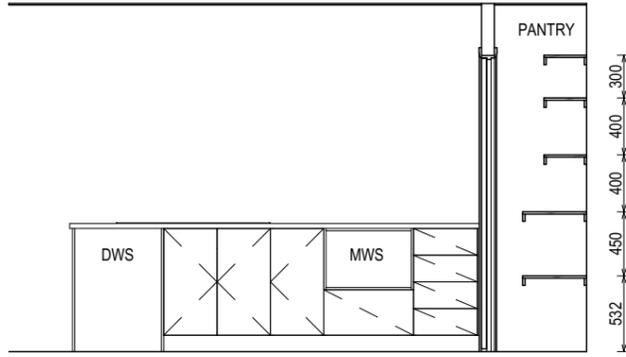
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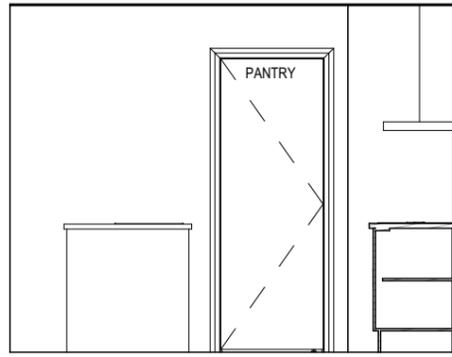
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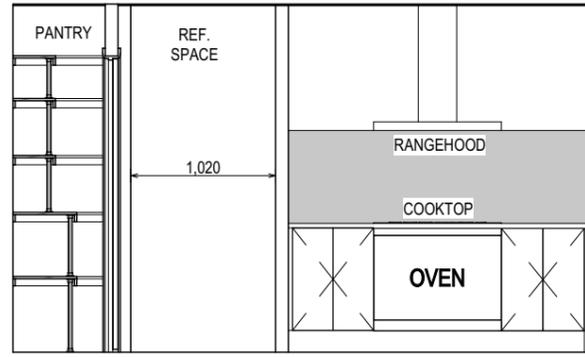
ELEVATION A
SCALE: 1:50



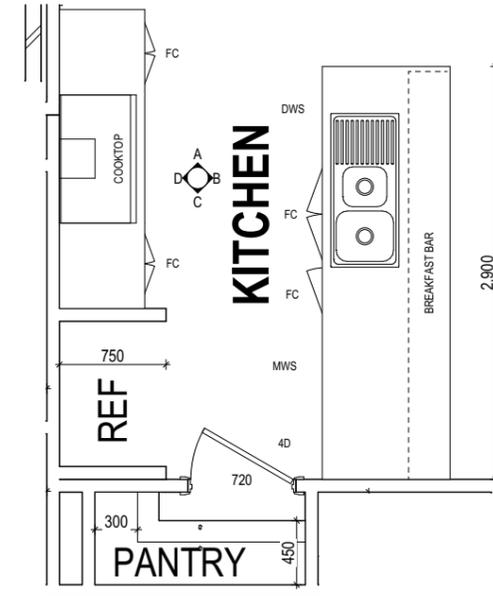
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SCALE: 1:50



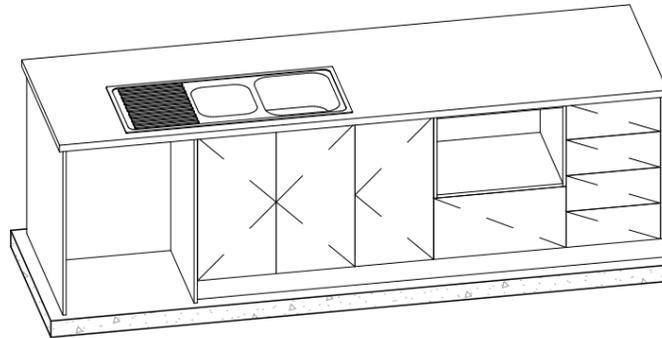
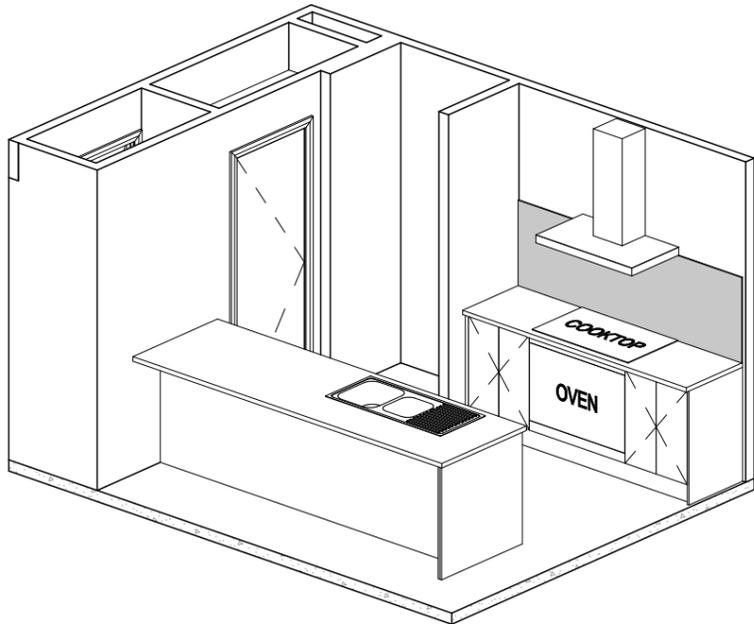
ELEVATION C
SCALE: 1:50



ELEVATION D
SCALE: 1:50



KITCHEN PLAN
SCALE: 1:50



SUBJECT TO NCC 2022
(1 MAY 2023)
WATERPROOFING & PLUMBING
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		3 PRELIM PLANS - CORRECTION PLANS	TDO	21/11/2025		LOT / SECTION / CT:		SHEET TITLE:
		4 PRELIM PLANS - COLOUR UPDATE	KPH	02/12/2025	2 / - / 161508	COUNCIL: TASMAN		SCALES:
		5 PRELIM PLANS - AMENDMENTS	PL1	10/12/2025				13 / 21
		6 PRELIM PLANS - AMENDMENTS	PL1	27/01/2026				1:50
						KITCHEN DETAILS	714445	

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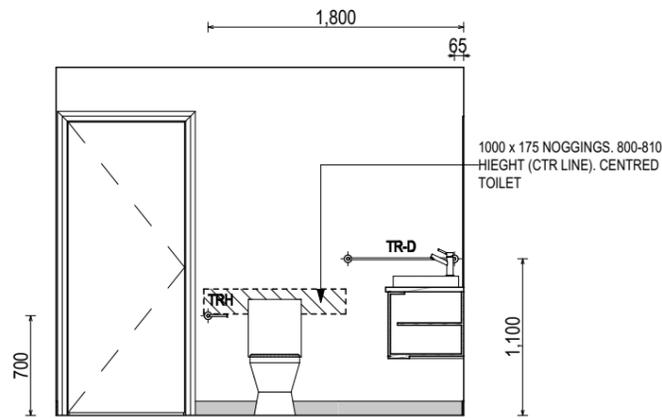
REFER TO THE FOLLOWING DETAILS:
VANITY DETAILS G-VANI-001
WINDOW OVER BATH HOB D-WIND-ALU001
STANDARD BATH HOB D-WETA-BATH003
WET AREA TILING LAYOUTS D-WETA-TILE002
SQUARE SET WINDOWS G-WIND-SSET02
FULL HEIGHT TILING D-LINI-WETA

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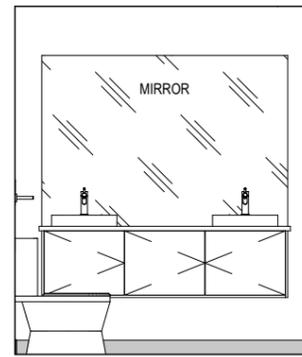
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LEGEND

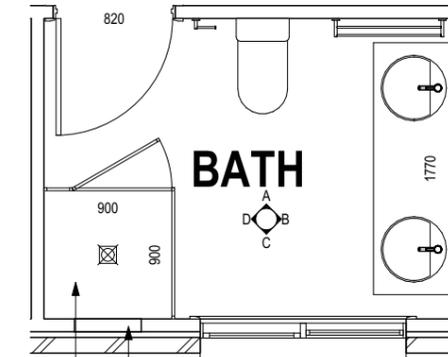
- RSHR RAIL SHOWER
- ROSE SHOWER ROSE
- ELBW SHOWER ELBOW CONNECTION
- MIX MIXER TAP
- HT HOT TAP
- CT COLD TAP
- HS HOB SPOUT
- WS WALL SPOUT
- SC STOP COCK
- TRH TOILET ROLL HOLDER
- TR-S TOWEL RAIL - SINGLE
- TR-D TOWEL RAIL - DOUBLE
- TL TOWEL LADDER
- TH TOWEL HOLDER
- TR TOWEL RACK
- TMB TUMBLER HOLDER
- RNG TOWEL RING
- RH ROBE HOOK
- SHLF SHELF
- SR SHAMPOO RECESS
- SOAP SOAP HOLDER



ELEVATION A
SCALE: 1:50

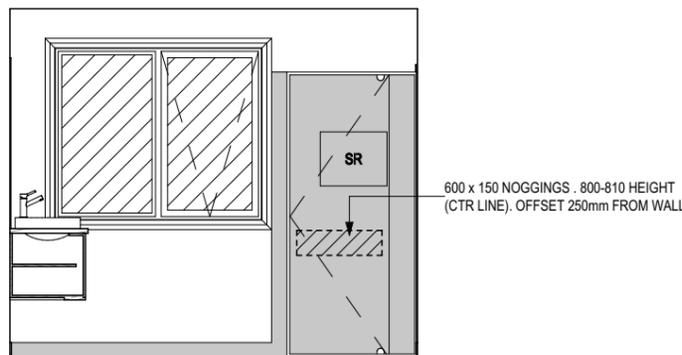


ELEVATION B
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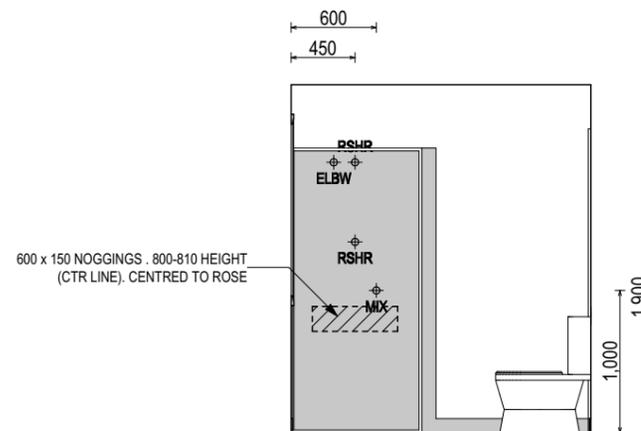


THRESHOLD OF ACCESSIBLE SHOWER ENTRY TO BE MAX. 5MM. REFER TO BATHROOM DETAILS FOR LHA NOGGING LOCATIONS

BATHROOM PLAN
SCALE: 1:50



ELEVATION C
SCALE: 1:50



ELEVATION D
SCALE: 1:50

SUBJECT TO NCC 2022
(1 MAY 2023)
WATERPROOFING & PLUMBING
CONDENSATION MANAGEMENT

PLAN ACCEPTANCE BY OWNER

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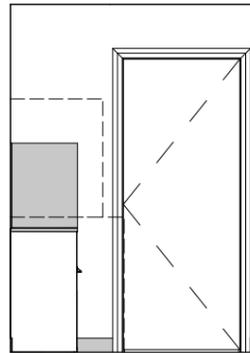
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		6	PRELIM PLANS - AMENDMENTS	PL1	27/01/2026	TASMAN		BATHROOM DETAILS		14 / 21		
									SCALES:			

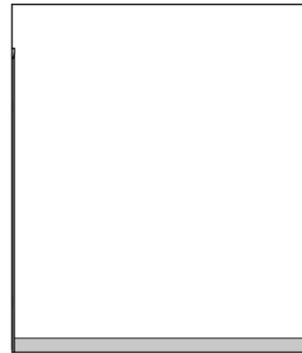
BAL-19 BUSHFIRE REQUIREMENTS
SEE SHEET 1 (COVER SHEET) FOR DETAILS

REFER TO SHEET 1 (COVER SHEET) FOR ALL BUILDING INFORMATION REGARDING:
- SUSTAINABILITY REQUIREMENTS
- SITE CLASSIFICATION
- GENERAL BUILDING INFORMATION

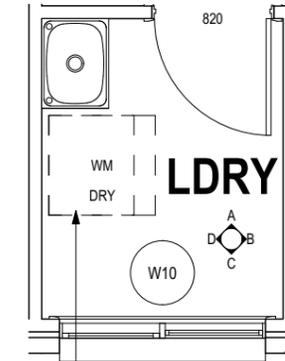
DETAILS DEPICTED ON THIS SHEET ARE A REPRESENTATION ONLY



ELEVATION A
SCALE: 1:50

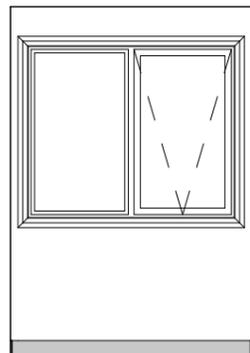


ELEVATION B
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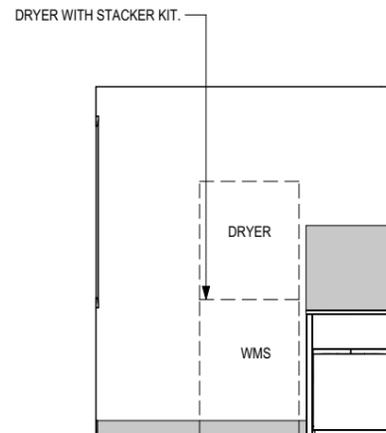


DRYER WITH STACKER KIT.

LAUNDRY PLAN
SCALE: 1:50



ELEVATION C
SCALE: 1:50



DRYER WITH STACKER KIT.

ELEVATION D
SCALE: 1:50

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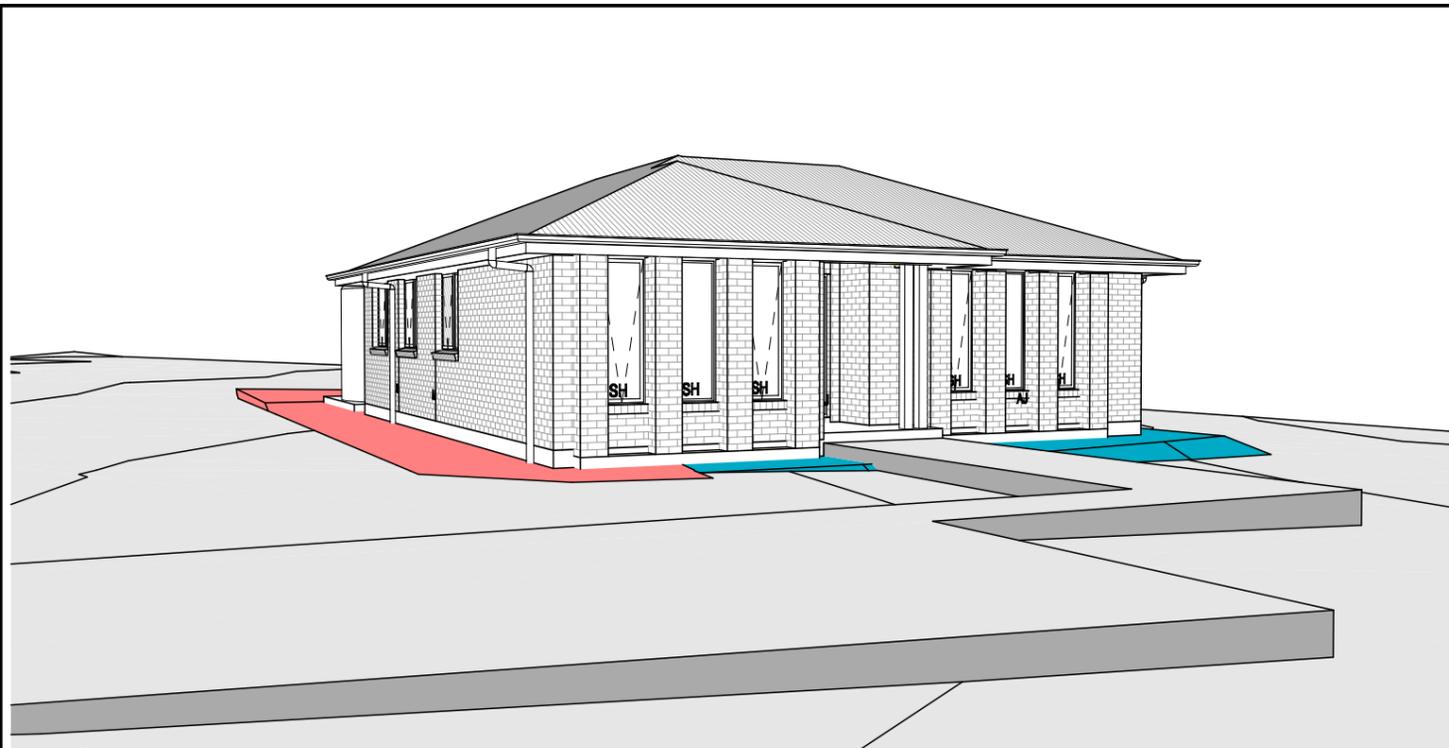
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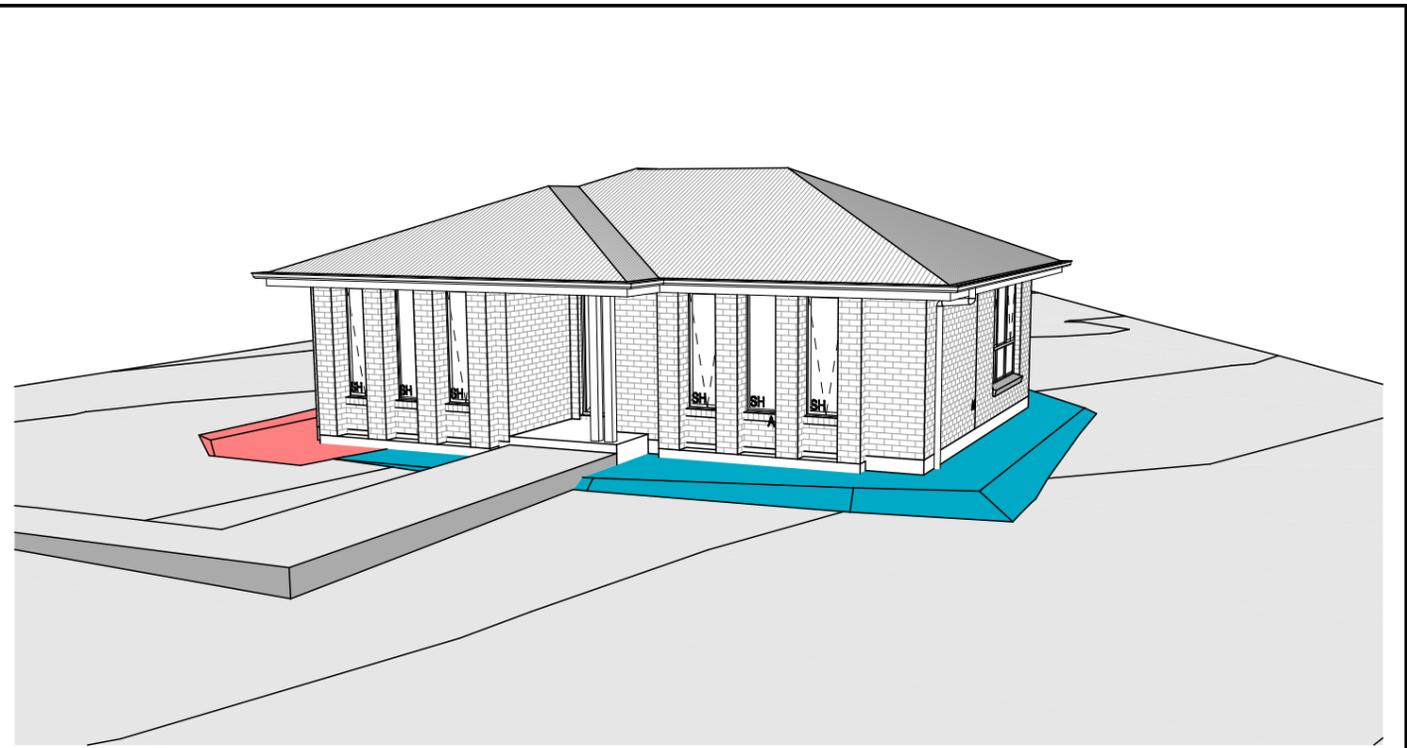
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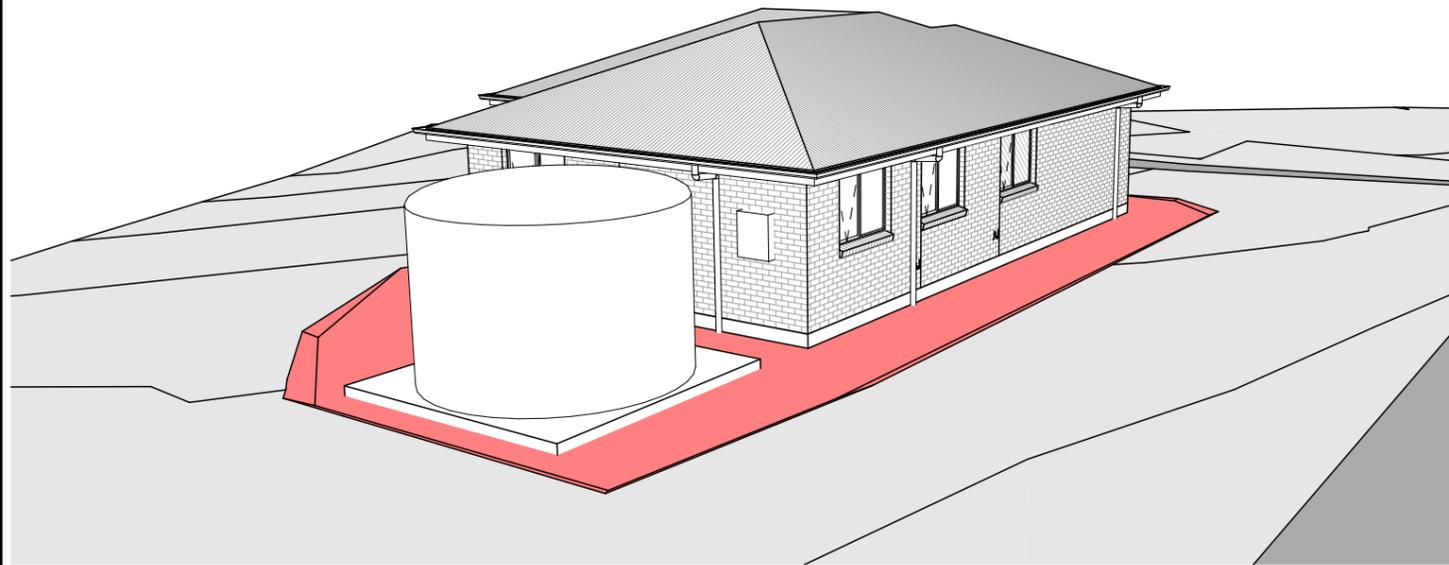
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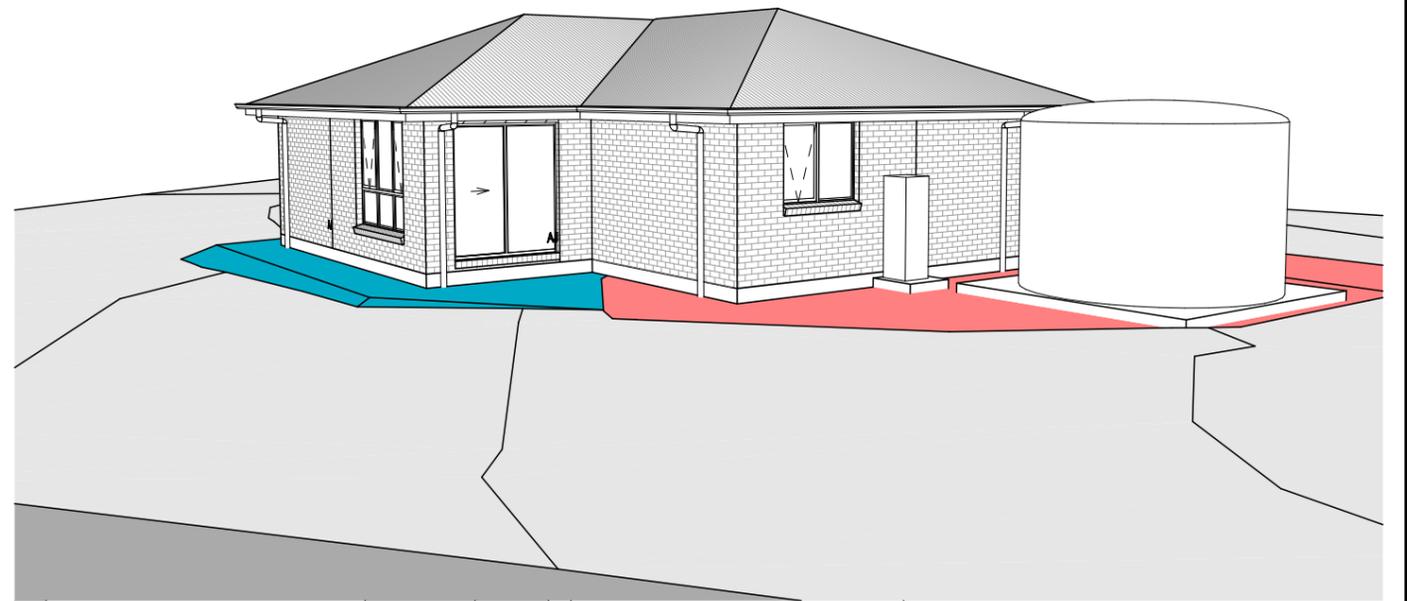
FRONT LEFT



FRONT RIGHT



REAR LEFT



REAR RIGHT

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NOTE: SITE LEVELS AND SETBACKS SHOWN ARE INDICATIVE ONLY AND SUBJECT TO A FINAL CONTOUR SURVEY AND REGISTERED REPORTS BEING COMPLETED. 3D IMAGES ARE FOR ILLUSTRATIVE PURPOSES ONLY AND ARE SUBJECT TO CHANGE.

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		6	PRELIM PLANS - AMENDMENTS	PL1 27/01/2026	2 / - / 161508	3D VIEWS	16 / 21	
				COUNCIL:	TASMAN	SCALES:		

GENERAL

- BUILDER TO VERIFY ALL DIMENSIONS AND LEVELS ON SITE PRIOR TO COMMENCEMENT OF WORK
- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE NATIONAL CONSTRUCTION CODE (NCC)
- INTERNAL DIMENSIONS ARE TO WALL FRAMING ONLY AND DO NOT INCLUDE WALL LININGS

SITE WORKS

- CUT AND FILL BATTERS ARE INDICATIVE ONLY. BATTER TO COMPLY WITH THE NCC TABLE 3.2.1
- ALL CUTS AND FFL'S SHOWN (DA DRAWINGS) ARE SUBJECT TO ENGINEERING ADVICE ONCE A SATISFACTORY SOIL TEST HAS BEEN RECEIVED AND REVIEWED
- 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 TABLE 3.2.1 OF THE NCC

SOIL TYPE / CLASSIFICATION	EMBANKMENT OF SLOPE	
	COMPACTED FILL	CUT
STABLE ROCK (A)	3 : 3	8 : 1
SAND (A)	1 : 2	1 : 2
SILT (P)	1 : 4	1 : 4
FIRM CLAY	1 : 2	1 : 1
SOFT CLAY	NOT SUITABLE	2 : 3
SOFT SOILS (P)	NOT SUITABLE	NOT SUITABLE

MASONRY

- ALL MASONRY TO BE CONSTRUCTED IN ACCORDANCE WITH AS3700
- EXTERNAL WALLS TO BE 110mm BRICKWORK UNLESS NOTED OTHERWISE
- MORTAR MIXED @ 1:1:6 CEMENT:LIME:SAND UNLESS STATED OTHERWISE BY ENGINEER
- DAMP-PROOF COURSE IN ALL PERIMETER WALLS CUT INTO EXTERNAL WALLS BELOW FLOOR LEVEL WITH WEEP HOLES @ 1200 CTRS IN ACCORDANCE WITH AS2904
- VERTICAL ARTICULATION JOINTS TO BE PROVIDED @ 6m MAX. CTRS FOR UNREINFORCED MASONARY WALLS EXCEPT WHERE BUILT ON CLASS A OR S SOIL AND SPACED AS PER AS3700 SECTION 12.6.4. WILSON HOMES REQUEST THAT @ 5M CTRS.
- WHERE NECESSARY, STEEL LINTELS ARE TO BE PROVIDED IN ACCORDANCE WITH AS4100 AND AS3700a

TIMBER FRAMING

- ALL WORK TO BE CARRIED OUT IN ACCORDANCE WITH THE CURRENT NCC
- ALL TIMBER FRAMING TO BE CARRIED OUT IN ACCORDANCE WITH AS1684
- MGP10 PINE FRAMING OR F17 SOLID AND FINGER JOINED FRAMING TO ALL STRUCTURAL COMPONENTS. 90 x 35mm FRAMING TO INTERNAL AND EXTERNAL WALLS. TIMBER COMPOSITE ENGINEERED ROOF TRUSSES WITH HARDWOOD AND MGP COMPONENTS
- GALVANISED WALL TIES TO MASONRY @ 450 CTRS HORIZONTALLY AND 600 CTRS VERTICALLY, WITH SPACING REDUCED BY 50% AROUND OPENINGS

BRACING / LINTELS

- WALL BRACING AS PER AS1684-2 2021 AND AS1170 WIND LOADS
- WALL BRACING AS SHOWN ON PLAN IS A MINIMUM ONLY. BUILDER TO PROVIDE ADDITIONAL BRACING TO SUIT THE CONSTRUCTION OF WALL FRAMES IN ACCORDANCE WITH GOOD BUILDING PRACTICE.
- PLYWOOD BRACING IN ACCORDANCE WITH AS1684 TABLE 8.18 (H) METHOD B. 900 WIDE SHEET PLY BRACING PANELS (6mm THICK F11 OR 4mm THICK F14) TO BE FIXED TO STUD FRAME WITH 2.8mm DIA x 30mm LONG MIN. FLAT HEAD NAILS.

- 65 x 19mm HW DIAGONAL TIMBER BRACING CHECKED INTO STUDS AND FIXED IN ACCORDANCE WITH AS1684

TIMBER LINTELS FOR SINGLE (OR UPPER STORY) TO BE F17 HARDWOOD AS FOLLOWS:

0 - 1500	120 x 35
1500 - 2400	140 x 35
2400 - 2700	190 x 35

TIEDOWN AND FIXING CONNECTIONS TO COMPLY WITH AS1684

STEEL LINTELS FOR SINGLE (OR UPPER STOREY) TO BE AS FOLLOWS:

0 - 2700	90 x 90 x 6 EA
2700 - 3200	100 x 100 x 8 EA
3200 - 4000	150 x 90 x 8 EA

*LINTELS REQUIRE 150mm BEARING EITHER SIDE OF OPENING

ALL LINTEL SIZES SHOWN ARE SUBJECT TO ENGINEERS DETAILS

CONCRETE

- CONCRETE FOOTING AND SLABS TO BE IN ACCORDANCE WITH AS2870
- CONCRETE TO BE MANUFACTURED TO COMPLY WITH AS3600 AND:
 - HAVE A STRENGTH @ 28 DAYS OF NOT LESS THAN 25MPA (N25 GRADE)
 - HAVE A 20mm NOMINAL AGGREGATE SIZE
 - HAVE A NOMINAL 80mm SLUMP
- CONCRETE SLAB TO BE LAID OVER 0.2mm POLYTHENE MEMBRANE, 50mm WELL BEDDED SAND AND MINIMUM COMPACTED FCR (20mm)
- SLAB THICKNESS AND REINFORCEMENT TO BE AS PER ENGINEERS DESIGN

WINDOWS

- WINDOWS TO BE ALUMINIUM FRAMED SLIDING UNLESS NOTED OTHERWISE
- ALL WINDOWS TO BE FABRICATED AND INSTALLED IN ACCORDANCE WITH AS1288 AND AS2047 TO SPECIFIC WIND SPEED AS PER ENGINEERS REPORT
- ALL OPENING WINDOWS TO COMPLY WITH NCC 8 REQUIREMENTS
- AS PER NCC 11.3.6 ALL BEDROOM WINDOWS WHERE THE LOWEST OPENABLE PORTION OF THE WINDOW IS WITHIN 1.7m OF FFL AND THE FFL IS 2m OR MORE ABOVE NGL, REQUIRE A PERMANENTLY FIXED DEVICE RESTRICTING ANY OPENINGS OF THE WINDOW OR SCREEN SO THAT A 125mm SPHERE CANNOT PASS THROUGH; AND RESISTING OUTWARDS HORIZONTAL ACTION OF 250N AGAINST THE WINDOW. WHERE THE DEVICE OR SCREEN CAN BE REMOVED, UNLOCKED OR OVER-RIDDEN, THE DEVICE OR SCREEN MUST HAVE A CHILD RESISTANT RELEASE MECHANISM INSTALLED AND BARRIER BELOW THE WINDOW THAT IS 865mm HIGH ABOVE FFL AND RESTRICTS ANY OPENING WITHIN THE BARRIER SO THAT A 125mm SPHERE CANNOT PASS THROUGH, AND HAS NO HORIZONTAL OR NEAR HORIZONTAL ELEMENTS BETWEEN 150mm AND 760mm FROM FFL.
- GLAZING INSTALLED IN AREAS WITH HIGH POTENTIAL FOR HUMAN IMPACT TO COMPLY WITH NCC PART 8.4

DRAINAGE / WATER

- DRAINAGE TO BE DESIGNED AND CONSTRUCTED IN ACCORDANCE WITH AS3500 AND LOCAL AUTHORITY
- STORMWATER PIPES TO BE UPVC CLASS HD
- SEWER PIPES TO BE UPVC CLASS SH
- PROVIDE Ø20mm K2 POLYETHYLENE WATER RETICULATION
- TYPE B STOP VALVE TO BE LOCATED ADJACENT TO ENTRY
- BACKFILL ALL TRENCHES BENEATH VEHICLE PAVEMENT AND SLABS ON GRADE TO FULL DEPTH WITH 20 FCR
- PROVIDE OVERFLOW RELIEF GULLY WITH TAP OVER. INVERT LEVEL TO BE 150 MIN. BELOW LOWEST SANITARY DRAINAGE POINT.
- CUT AND BATTER ARE INDICATIVE. BATTER TO COMPLY WITH CURRENT NCC TABLE 3.1.1.1
- AG DRAIN REQUIRED AROUND PERIMETER OF DWELLING FOR ALL CLASS M, H, E SITES. LOCATE AG DRAIN NOT CLOSER THAN 1.5m FROM FOOTINGS IN ACCORDANCE WITH AS2870 SECTION 5.6
- PROVIDE SURFACE DRAINAGE IN ACCORDANCE WITH AS2870 SECTION 5.6.3
- PROVIDE FLEXIBLE JOINTS IN ALL DRAINAGE EMERGING FROM UNDERNEATH OR ATTACHED TO BUILDING IN ACCORDANCE WITH AS2870 SECTION 5.6.4 FOR ALL CLASS H AND E SITES. REFER TO GEOTECH FOR FURTHER INFORMATION
- DOWNPIPES AND GUTTERS DESIGNED IN ACCORDANCE WITH AS/NZS 3500.3

STAIRCASES / BALUSTRADES / HANDRAILS

- | | |
|--------------|-------------------------|
| STAIR TREADS | 240mm MIN. - 355mm MAX. |
| STAIR RISERS | 115mm MIN. - 190mm MAX. |
- HANDRAIL REQUIRED WHERE CHANGE OF LEVEL BETWEEN FLOOR / LANDINGS > 1m AS PER CURRENT NCC 11.3.5
 - NO GAPS IN STAIRCASES OR BALUSTRADE TO BE GREATER THAN 125mm
 - BALUSTRADE REQUIRED WHERE LEVEL OF LANDING OR DECK IS GREATER THAN 1000mm ABOVE ADJACENT GROUND LEVEL
 - BALUSTRADE TO BE MINIMUM 1000mm ABOVE FFL (INCLUDING ANY FLOOR COVERINGS)
 - DOORS OPENING OUTWARDS EXTERNALLY MUST OPEN TO A LANDING (MIN. 750mm WIDE) WHERE THE DIFFERENCE IN LEVELS IS GREATER THAN 570mm
 - NON-SLIP TREADS TO ALL TREADS AND TO COMPLY WITH NCC 11.2.4
 - WHERE LANDINGS ARE NOT NOMINATED TO EXTERNAL DOORS, OPERATING DOOR LEAFS ARE TO BE SCREWED FIXED SHUT, OR PROVIDED WITH A FORMED FCR LANDING NOMINALLY 180mm BELOW FLOOR LEVEL.
 - GLAZED BALUSTRADE AND HANDRAILS TO COMPLY WITH NCC PART 8.4, 11.3 AND AS1288 REQUIREMENTS

ROOFING

- ROOF TO BE COLORBOND 'CUSTOM ORB' METALDECK UNLESS NOTED OTHERWISE. PROVIDED AND INSTALLED IN ACCORDANCE WITH AS1562.1 (IF TILED REFER TO AS2050)
- PREFABRICATED ROOF TRUSSES TO BE SUPPLIED AND INSTALLED TO MANUFACTURERS SPECIFICATIONS. TRUSS MANUFACTURER TO CONFIRM LINTEL SIZES.
- EXHAUST FAN TO COMPLY WITH CURRENT NCC PART 10.6.2 SECTION C
- EXHAUST FANS TO BE SEALED AND DUCTED TO OUTSIDE OF DWELLING IN ACCORDANCE WITH NCC VOLUME 2, PARTS 10.8.2 AND 10.8.3
- IF VENTING OCCURS DIRECTLY THROUGH WALLS/ROOF ADJACENT TO FAN, THEN UNIT REQUIRES SELF CLOSING BAFFLES TO BE CLASSIFIED AS A SEALED UNIT
- ELECTRICIAN IS TO ENSURE THAT ALL GPO'S IN WET AREAS MEET ALL STANDARD AND CODE REQUIREMENTS - ALL GPO'S TO BE 300mm FROM FFL UNLESS NOTED OTHERWISE

WET AREAS

- WALLS TO WET AREAS TO BE FINISHED WITH WET AREA PLASTERBOARD
- COMPLIANCE WITH NCC PART 10.2 AND AS3740
- ALL UNENCLOSED SHOWERS ABOVE BATHS TO HAVE MINIMUM 900mm SHOWER SCREEN OR FLOORWASTE WITHIN 1500mm OF SHOWER CONNECTION AS PER AS3740

CONDENSATION

- WHERE RAKED CEILINGS EXIST, IT IS HIGHLY RECCOMENDED THAT SUITABLE SPACING BETWEEN SARKING AND BULK INSULATION EXISTS. (NO CONTACT BETWEEN PRODUCTS). THE BUILDER IS TO ENSURE ADEQUATE SIZED TIMBER IS USED TO ENSURE THIS SEPARATION IS PROVIDED.
- IN STANDARD ROOF SPACES, IT IS HIGHLY RECOMMENDED TO PROVIDE SEPARATION BETWEEN SARKING AND CEILING INSULATION AROUND THE BUILDING PERIMETER, TO ENSURE AIRFLOW FROM EAVE VENTS IS MAINTAINED
- IT IS HIGHLY RECOMMENDED THAT ALL LIGHTWEIGHT CLADDING IS BATTENED OUT FROM STUDS (METAL / FC SHEET / TIMBER)

WOOD HEATERS

- ALL WOOD HEATERS ARE TO COMPLY WITH MANUFACTURERS SPECIFICATION AND NCC PART 12.4

FIRE SAFETY

- SMOKE ALARMS TO BE MAINS POWERED AND INSTALLED AS PER AS3786. LOCATIONS AS PER NCC 9.5.
- SMOKE ALARMS TO BE INTERCONNECTED WHERE THERE IS MORE THAN ONE ALARM
- INSTALLATION OF WOOD HEATERS TO COMPLY WITH AS2918. PROVIDE LOCAL AUTHORITIES WITH INSULATION AND COMPLIANCE CERTIFICATES

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					COUNCIL:		SCALES:	714445	
					TASMAN				

WET AREA NOTES

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 WATERPROOF 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 WATERPROOF 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 STEPDOWN	WATERPROOF ENTIRE ENCLOSED SHOWER AREA INCLUDING THE STEPDOWN.	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 WATERPROOF 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 PRE-FORMED SHOWER BASE	N/A	WATERPROOF 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 UNCLOSED 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 WATERPROOF 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
AREAS ADJACENT TO BATHS AND SPAS FOR CONCRETE AND COMPRESSED FIBRE CEMENT SHEET FLOORING.	WATER RESISTANT TO ENTIRE FLOOR.	WATERPROOF 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.	WATERPROOF 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. ANY SHELF AREA ADJOINING THE BATH OR SPA MUST BE WATERPROOF AND INCLUDE A WATERSTOP UNDER THE VESSEL LIP.	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 TO NOT LESS THAN 150 mm ABOVE THE LIP OF A BATH OR SPA.	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	WATERPROOF 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

THE ABOVE INFORMATION IS FOR GENERAL GUIDANCE AND IS INDICATIVE ONLY. WATERPROOFING INSTALLERS TO COMPLY WITH ALL CURRENT CODES OF LEGISLATION WHICH TAKE PRECEDENCE OVER THIS SPECIFICATION.

WET AREA WAERPROOFING BY LICENSED AND ACCREDITED INSTALLER. CERTIFICATION TO BE PROVIDED TO BUILDING SURVEYOR. CONTRACTOR OR BUILDER TO DETERMINE THE APPROPRIATE WATERPROOFING IN ACCORDANCE WITH AS3740 PART 10.2 OF N.C.C AND TO NOTIFY THE BUILDING SURVEYOR FOR INSPECTION ARRANGEMENTS DURING INSTALLATION.

ENERGY EFFICIENCY - GENERAL

STATED R VALUES ARE FOR ADDITIONAL INSULATION REQUIRED AND ARE NOT RT VALUES (TOTAL SYSTEM VALUE)

WAFFLE POD ALLOWANCES:

- R0.6 - 175mm DEEP
- R0.7 - 225mm DEEP
- R0.8 - 300mm DEEP
- R0.9 - 375mm DEEP

INSULATION TO BE INSTALLED TO MANUFACTURERS SPECIFICATIONS AND ANY RELEVANT STANDARDS

BULK INSULATION IS NOT TO BE COMPRESSED AS THIS REDUCES THE EFFECTIVE R RATING

N.C.C 2022 TAS PART H6

IN TASMANIA, FOR NCC PART H6 REFER TO NCC 2019 AMENDMENT 1 PART 2.6; FOR NCC PART 13.1 REFER TO NCC 2019 PART 3.12

N.C.C 2019 3.12.0 (A)

PERFORMANCE REQUIREMENT P2.6.1 FOR THE THERMAL PERFORMANCE OF THE BUILDING IS SATISFIED BY COMPLYING WITH:

3.12.0.1 - FOR REDUCING THE HEATING AND COOLING LOADS

TO REDUCE HEATING AND COOLING LOADS MUST ACHIEVE AN ENERGY RATING USING HOUSING ENERGY RATING SOFTWARE OF NOT LESS THAN 6 STARS.

3.12.1.1 - FOR BUILDING FABRIC THERMAL INSULATION

BUILDER TO ENSURE THAT ALL INSULATION COMPLIES WITH AS/NZS 4859.1 AND BE INSTALLED TO N.C.C 3.12.1.1.

3.12.1.2(e) - FOR COMPENSATING FOR A LOSS OF CEILING INSULATION

REFER TO ATTACHED THERMAL PERFORMANCE CERTIFICATE

- (i) IF ALLOWANCE HAS BEEN MADE FOR CEILING PENETRATIONS IN NATHERS (FIRST RATE 5) CERTIFICATION PROCESS THEN NO FURTHER ACTION REQUIRED.
- (ii) IF NO ALLOWANCE HAS BEEN MADE FOR CEILING PENETRATIONS IN NATHERS (FIRST RATE 5) CERTIFICATION PROCESS THEN CEILING PENETRATION AREA MUST BE CALCULATED AND THE NECESSARY ADJUSTMENT MADE TO THE SPECIFIED INSULATION AS PER TABLE 3.12.1.1B OF NCC

3.12.1.5(c) AND 3.12.1.5(d) - FOR FLOOR EDGE INSULATION

FOR CONCRETE SLAB ON GROUND WITH IN SLAB HEATING OR COOLING.

3.12.3 - FOR BUILDING SEALING

3.12.3.1 - CHIMNEYS AND FLUES

THE CHIMNEY OR FLUE OF AN OPEN SOLID FUEL BURNING APPLIANCE MUST BE PROVIDED WITH A DAMPER OR FLAP THAT CAN BE CLOSED TO SEAL THE CHIMNEY OR FLUE.

3.12.3.2 - ROOF LIGHTS

- (a) A ROOF LIGHT MUST BE SEALED, OR CAPABLE OF BEING SEALED WHEN SERVING:
 - (i) A CONDITIONED SPACE; OR
 - (ii) A HABITABLE ROOM IN CLIMATE ZONES 4, 5, 6, 7 OR 8
- (b) A ROOF LIGHT REQUIRED BY (a) TO BE SEALED, OR CAPABLE OF BEING SEALED MUST BE CONSTRUCTED WITH:
 - (i) AN IMPERFORATE CEILING DIFFUSER OR THE LIKE INSTALLED AT A CEILING OR INTERNAL LINING LEVEL; OR
 - (ii) A WATERPROOF SEAL; OR
 - (iii) A SHUTTER SYSTEM READILY OPERATED MANUALLY, MECHANICALLY OR ELECTRONICALLY BY THE OCCUPANT.

3.12.0.1 - EXTERNAL WINDOWS AND DOORS

- (a) A SEAL TO RESTRICT AIR INFILTRATION MUST BE FITTED TO EACH OF AN EXTERNAL DOOR, OPENABLE WINDOW AND OTHER SUCH OPENING:
 - (i) WHEN SERVING A CONDITIONED SPACE; OR
 - (ii) IN CLIMATE ZONES 4, 5, 6, 7 OR 8, WHEN SERVING A HABITABLE ROOM.
- (b) A WINDOW COMPLYING WITH THE MAXIMUM AIR INFILTRATION RATES SPECIFIED IN AS2047 NEED NOT COMPLY WITH (a).
- (c) A SEAL REQUIRED BY (a)
 - (i) FOR THE BOTTOM EDGE OF AN INTERNAL SWING DOOR, MUST BE A DRAFT PROTECTION DEVICE; AND
 - (ii) FOR THE OTHER EDGES OF AN EXTERNAL SWING DOOR OR THE EDGES OF AN OPENABLE WINDOW OR OTHER SUCH OPENING, MAY BE A FOAM OR RUBBER COMPRESSIBLE STRIP, FIBROUS SEAL OR THE LIKE.

3.12.3.4 - EXHAUST FANS

AN EXHAUST FAN MUST BE FITTED WITH A SEALING DEVICE SUCH AS A SELF CLOSE DAMPER, FILTER OR THE LIKE WHEN SERVING:

- (a) A CONDITIONED SPACE; OR
- (b) A HABITABLE ROOM IN THE CLIMATE ZONES 4, 5, 6, 7 OR 8.

3.12.3.5 - CONSTRUCTION OF ROOF, WALLS AND FLOORS

- (a) ROOFS, EXTERNAL WALLS, EXTERNAL FLOORS AND AN OPENING SUCH AS A WINDOW FRAME, DOOR FRAME, ROOF LIGHT FRAME OR THE LIKE MUST BE CONSTRUCTED TO MINIMISE AIR LEAKAGE IN ACCORDANCE WITH (b) WHEN FORMING PART OF THE EXTERNAL FABRIC OF:
 - (i) A CONDITIONED SPACE; OR
 - (ii) A HABITABLE ROOM IN CLIMATE ZONE 4, 5, 6, 7 OR 8.
- (b) CONSTRUCTION REQUIRED BY (a) MUST BE:
 - (i) ENCLOSED BY AN INTERNAL LINING SYSTEM THAT ARE CLOSE FITTING AT CEILING, WALL AND FLOOR JUNCTIONS; OR
 - (ii) SEALED BY CAULKING, SKIRTING, ARCHITRAVES, CORNICES OR THE LIKE.

3.12.3.6 - EVAPORATIVE COOLERS

AN EVAPORATIVE COOLER MUST BE FITTED WITH A SELF CLOSING DAMPER OR THE LIKE WHEN SERVING:

- (a) A HEATED SPACE; OR
- (b) A HABITABLE ROOM IN CLIMATE ZONES 4, 5, 6, 7 OR 8.

3.12.5.5 - ARTIFICIAL LIGHTING

- (a) LAMP POWER DENSITY OR ILLUMINATION POWER DENSITY OF AN ARTIFICIAL LIGHT, EXCLUDING HEATING THAT EMITS LIGHT, MUST NOT EXCEED THE ALLOWANCE OF:
 - (i) 5W/m² IN A CLASS 1 BUILDING
 - (ii) 4W/m² ON A VERANDAH, BALCONY OR THE LIKE ATTACHED TO A CLASS 1 BUILDING (NOT EXCLUDING EAVE PERIMETER LIGHTS);
 - (iii) 3W/m² IN A CLASS 10A BUILDING ASSOCIATED WITH A CLASS 1 BUILDING.
- (b) THE ILLUMINATION POWER DENSITY ALLOWANCE IN (a) MAY BE INCREASED BY DIVIDING IT BY THE ILLUMINATION POWER DENSITY ADJUSTMENT FACTOR FOR A CONTROL DEVICE AS PER N.C.C TABLE 3.12.5.3.

**SUBJECT TO NCC 2022
(1 MAY 2023)
WATERPROOFING & PLUMBING
CONDENSATION MANAGEMENT**

PLAN ACCEPTANCE BY OWNER	
SIGNATURE: _____	DATE: _____
SIGNATURE: _____	DATE: _____
PLEASE NOTE THAT VARIATIONS WILL NOT BE ACCEPTED AFTER THIS PLAN ACCEPTANCE HAS BEEN SIGNED	

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		3	PRELIM PLANS - CORRECTION PLANS	TDO	21/11/2025	SHEET TITLE: WET AREA & ENERGY EFFICIENCY NOTES		SHEET No.: 18 / 21
		4	PRELIM PLANS - COLOUR UPDATE	KPH	02/12/2025			
		5	PRELIM PLANS - AMENDMENTS	PL1	10/12/2025			
		6	PRELIM PLANS - AMENDMENTS	PL1	27/01/2026	ADDRESS: 2 CARTELA DRIVE, NUBEENA TAS 7184		COUNCIL: TASMAN

714445

Last Published: Friday, 30 January 2026 1:27 PM
File Location: G:\Wilson\8_Drafting\Job Files\7144007\4445 - Hope & Van Tienen - AC24 - 2026.01.23.ppt
Template Version: 24.041

Requirements for Building In Bushfire Hazard Areas

Building Act 2016

Directors Determination - Bushfire Hazard Areas

V1.1, dated 08 April 2021

Deemed-to-Satisfy Requirements (Part 2.3)

2.3.1 Design and construction

(1) Building work in a bushfire-prone area must be designed and constructed in accordance with either: -

- (a) AS 3959-2018; or
- (b) Standard for Steel Framed Construction in Bushfire Areas published by the National Association of Steel Framed Housing Inc. (NASF), as appropriate for a BAL determined for that site using table 2.6 of AS 3959.
- (2) Subclause (1)(a) is only applicable to the following:
 - (a) a Class 1, 2 or 3 building; or
 - (b) a Class 10a building or deck associated with a Class 1, 2 or 3 building.
- (3) Subclause (1)(b) is only applicable to the following:
 - (a) a Class 1 building; or
 - (b) a Class 10a building or deck associated with a Class 1 building.

(4) Despite subsection (1) permissible, variations from requirements specified in 1(a) and 1(b) are as specified in Table 1.
 (5) Despite subsections (1) and (4), performance requirements for buildings subject to BAL 40 or BAL Flame Zone (BAL-FZ) are not satisfied by compliance with subsections (1) or (4).

2.3.2 Property Access

- (1) A new building in a bushfire-prone area must be provided with property access to the building area and the firefighting water point, accessible by a carriageway, designed and constructed as specified in subclause (4).
- (2) For an addition or alteration to an existing building in a bushfire-prone area, if there is no property access available property access must be provided to the building area and the firefighting water point accessible by a carriageway as specified in subclause (4).
- (3) An addition or alteration to an existing building in a bushfire-prone area must not restrict any existing property access to the building area or to water supply for firefighting.
- (4) Vehicular access from a public road to a building must:
 - (a) comply with the property access requirements specified in Table 2;
 - (b) include access from a public road to within 90 metres of the furthest part of the building measured as a hose lay; and
 - (c) include access to the hardstand area for the firefighting water point.

2.3.3 Water Supply for Fire fighting

- (1) A new building constructed in a bushfire-prone area, must be provided with a water supply dedicated for fire fighting purposes as specified in Table 3A or Table 3B.
- (2) For an addition or alteration to an existing building in a bushfire-prone area, if there is no water supply for firefighting available the building must be provided with a water supply dedicated for firefighting purposes which complies with the requirements specified in Table 3A or Table 3B.

2.3.4 Hazard Management Areas

- (1) A new building, and an existing building in the case of an addition or alteration to a building, in a bushfire-prone area must be provided with a hazard management area.
- (2) The hazard management area must comply with the requirements specified in Table 4.
- (3) The hazard management area for a particular BAL must have the minimum dimensions required for the separation distances specified for that BAL in Table 2.6 of AS 3959.
- (4) The hazard management area must be established and maintained such that fuels are reduced sufficiently, and other hazards are removed such that the fuels and other hazards do not significantly contribute to the bushfire attack.

2.3.5 Bushfire emergency plan

- (1) An emergency plan must be provided for:
 - (a) a new building;
 - (b) an existing building in the case of an addition or alteration to a building;
 - (c) an existing building in the case of a change of building class;
 - (d) a building associated with the use, handling, generation or storage of a hazardous chemical or explosive; in a bushfire-prone area.
- (2) A bushfire emergency plan must comply with the requirements specified in Table 5.

7. Interpretation of Tables

- (1) For the purposes of the deemed-to-satisfy provisions in clause 2.3 of this Determination, Tables 1, 2, 3A, 3B, 4, and 5 must be complied with in the following way:
 - (a) for a particular element specified in column 1, the corresponding requirement specified in column 2 must be complied with.

Table 1 - Construction Requirements & Construction Variations

Column 1	Column 2
ELEMENT	REQUIREMENT
A. Straw Bale Construction	May be used in exposures up to and including BAL 19.
B. Shielding provisions under Section 3.5 of AS3959-2018	To reduce construction requirements due to shielding, building plans must include suitable detailed elevations or plans that demonstrate that the requirements of Section 3.5 of the Standard can be met. Comment: Application of Section 3.5 of the Standard cannot result in and assessment of BAL-LOW.

Table 2 - Requirements for Property Access

Column 1	Column 2
ELEMENT	REQUIREMENT
A. Property access length is less than 30 metres; or access is not for a fire appliance to access a water connection point.	There are no specified design and construction requirements.
B. Property access length is 30 metres or greater; or access for a fire appliance to a water connection point.	The following design and construction requirements apply to property access: <ul style="list-style-type: none"> (1) All-weather construction; (2) Load capacity of at least 20 tonnes, including for bridges and culverts; (3) Minimum carriageway widths of 4 metres; (4) Minimum vertical clearance of 4 metres; (5) Minimum horizontal clearance of 0.5 metres from the edge of the carriageway; (6) Cross falls of less than 3° (1.20 or 5%); (7) Dips less than 7° (1.8 or 12.5%) entry and exit angle; (8) Curves with a minimum inner radius of 10 metres; (9) Maximum gradient of 15° (1.3.5 or 28%) for sealed roads, and 10° (1.5.5 or 18%) for unsealed roads; and (10) Terminate with a turning area for fire appliances provided by one of the following: <ul style="list-style-type: none"> (a) A turning circle with a minimum inner radius of 10 metres; (b) A property access encircling the building; or (c) A hammerhead "T" or "Y" turning head 4 metres wide and 8 metres long.
C. Property access length is 200 metres or greater.	The following design and construction requirements apply to property access: <ul style="list-style-type: none"> (1) The Requirements for B above; and (2) Passing bays of 2 metres additional carriageway width and 20 metres length provided every 200 metres.
D. Property access length is greater than 30 metres, and access is provided to 3 or more properties.	The following design and construction requirements apply to property access: <ul style="list-style-type: none"> (1) Complies with Requirements for B above; and (2) Passing bays of 2 metres additional carriageway width and 20 metres length must be provided every 100 metres.

Table 3A - Reticulated Water Supply for Firefighting

Column 1	Column 2
ELEMENT	REQUIREMENT
A. Distance between building area to be protected and water supply	The following requirements apply: <ul style="list-style-type: none"> (1) The building area to be protected must be located within 120 metres of a fire hydrant; and (2) The distance must be measured as a hose lay, between the water connection point and the furthest part of the building area.
B. Design criteria for fire hydrants	The following requirements apply: <ul style="list-style-type: none"> (1) Fire hydrant system must be designed and constructed in accordance with TasWater Supplement to Water Supply Code of Australia WSA 03 - 2011-3.1 MRWA Edition 2.0; and (2) Fire hydrants are not installed in parking areas.
C. Hardstand	A hardstand area for fire appliances must be provided: <ul style="list-style-type: none"> (1) no more than three metres from the hydrant, measured as a hose lay; (2) No closer than six metres from the building area to be protected; (3) With a minimum width of three metres constructed to the same standard as the carriageway; and (4) Connected to the property access by a carriageway equivalent to the standard of the property access

Table 3B - Static Water Supply for Firefighting

Column 1	Column 2
ELEMENT	REQUIREMENT
A. Distance between building area to be protected and water supply	The following requirements apply: <ul style="list-style-type: none"> (a) The building area to be protected must be located within 90 metres of the water connection point of a static water supply; and (b) The distance must be measured as a hose lay, between the water connection point and the furthest part of the building area.
B. Static Water Supplies	A static water supply: <ul style="list-style-type: none"> (a) May have a remotely located offtake connected to the static water supply; (b) May be a supply for combined use (fire fighting and other uses) but the specified minimum quantity of fire fighting water must be available at all times; (c) Must be a minimum of 10,000 litres per building area to be protected. This volume of water must not be used for any other purpose including fire fighting sprinkler or spray systems; (d) Must be metal, concrete or lagged by non-combustible materials if above ground; and (e) If a tank can be located so it is shielded in all directions in compliance with Section 3.5 of AS 3959-2018, the tank may be constructed of any material provided that the lowest 400 mm of the tank exterior is protected by: <ul style="list-style-type: none"> (i) metal; (ii) non-combustible material; or (iii) fibre-cement a minimum of 6 mm thickness.
C. Fittings, pipework and accessories (including stands and tank supports)	Fittings and pipework associated with a water connection point for a static water supply must: <ul style="list-style-type: none"> (a) Have a minimum nominal internal diameter of 50mm; (b) Be fitted with a valve with a minimum nominal internal diameter of 50mm; (c) Be metal or lagged by non-combustible materials if above ground; (d) Where buried, have a minimum depth of 300mm (e) Provide a DIN or NEN standard forged Storz 65 mm coupling fitted with a suction washer for connection to fire fighting equipment; (f) Ensure the coupling is accessible and available for connection at all times; (g) Ensure the coupling is fitted with a blank cap and securing chain (minimum 220 mm length); (h) Ensure underground tanks have either an opening at the top of not less than 250 mm diameter or a coupling compliant with this Table; and (i) Where a remote offtake is installed, ensure the offtake is in a position that is: <ul style="list-style-type: none"> (i) Visible; (ii) Accessible to allow connection by fire fighting equipment; (iii) At a working height of 450 - 600mm above ground level; and (iv) Protected from possible damage, including damage by vehicles.
D. Signage for static water connections	(1) The water connection point for a static water supply must be identified by a sign permanently fixed to the exterior of the assembly in a visible location. The sign must: <ul style="list-style-type: none"> (a) comply with water tank signage requirements within AS 2304; or (b) comply with the TFS Water Supply Signage Guideline.
E. Hardstand	A hardstand area for fire appliances must be provided: <ul style="list-style-type: none"> (a) No more than three metres from the water connection point, measured as a hose lay (including the minimum water level in dams, swimming pools and the like); (b) No closer than six metres from the building area to be protected; (c) With a minimum width of three metres constructed to the same standard as the carriageway; and (d) Connected to the property access by a carriageway equivalent to the standard of the property access.

Table 4 - Requirements for Hazard Management Area

Column 1	Column 2
ELEMENT	REQUIREMENT
A. Hazard management areas for new buildings on lots provided with a BAL at the time of subdivision.	A new building must: <ul style="list-style-type: none"> (a) Be located on the lot so as to be provided with a HMA no smaller than the required separation distances for the BAL determined at the time of the subdivision; and (b) Have a HMA established in accordance with a certified bushfire hazard management plan.
B. Hazard management areas for new buildings on lots not provided with a BAL at the time of subdivision.	A new building must: <ul style="list-style-type: none"> (a) Be located on the lot so as to be provided with a HMA no smaller than the separation distances required for BAL 29; and (b) Have a HMA established in accordance with a certified bushfire hazard management plan.
C. Hazard management areas for alterations or additions to buildings.	An alteration or addition to a building must: <ul style="list-style-type: none"> (a) Be located on the lot so as to be provided with a HMA which: <ul style="list-style-type: none"> (i) Has the separation distances required for the BAL assessed for the construction of the existing building; or (ii) In the case of a building without an existing BAL assessment, is no smaller than the separation distances required for BAL 29; and (b) Have a HMA established in accordance with a certified bushfire hazard management plan.
D. Hazard management areas for new buildings and additions and alterations to buildings classified as an accommodation building BCA Class 1b, BCA Class 2, or BCA Class 3, other than communal residence for persons with a disability, a respite centre or a residential aged care facility or similar.	A new building or an alteration or addition must: <ul style="list-style-type: none"> (a) Be located on the lot so as to be provided with HMAs no smaller than the separation distances required for BAL 12.5; and (b) have a HMA established in accordance with a certified bushfire hazard management plan.
E. Hazard management areas for new buildings and additions and alterations to existing buildings classified as vulnerable use as defined in the relevant planning scheme.	A new building or an addition or alteration including change of use must: <ul style="list-style-type: none"> (a) be located on the lot so as to be provided with HMAs no smaller than the separation distances required for BAL 12.5; and (b) have a HMA established in accordance with a certified bushfire hazard management plan.
F. Hazard management areas for new buildings or additions and alterations to buildings associated with the use, handling, generation or storage of a hazardous chemical or explosive.	A new building or an alteration or addition, including change of use, for a building determined as a hazardous use must: <ul style="list-style-type: none"> (a) Be located on the lot so as to be provided with a HMA no smaller than the required separation distances for the BAL determined in the certified bushfire hazard management plan; and (b) Have a HMA established in accordance with a certified bushfire hazard management plan.

Table 5 - Requirements for Emergency Planning

Column 1	Column 2
ELEMENT	REQUIREMENT
A. Bushfire emergency plans	An emergency plan must be developed for the site which is: <ul style="list-style-type: none"> (a) Consistent with TFS Bushfire Emergency Planning Guidelines; and (b) Approved by TFS or a person accredited by the TFS.

**SUBJECT TO NCC 2022
(1 MAY 2023)
WATERPROOFING & PLUMBING
CONDENSATION MANAGEMENT**

PLAN ACCEPTANCE BY OWNER

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

PLEASE NOTE THAT VARIATIONS WILL NOT BE ACCEPTED AFTER THIS PLAN ACCEPTANCE HAS BEEN SIGNED

REFER TO SHEET 1 (COVER SHEET) FOR ALL BUILDING INFORMATION REGARDING:
 - SUSTAINABILITY REQUIREMENTS
 - SITE CLASSIFICATION
 - GENERAL BUILDING INFORMATION

**BAL-19 BUSHFIRE REQUIREMENTS
SEE SHEET 1 (COVER SHEET) FOR DETAILS**

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	DISCOVERY	2	PRELIM PLANS - INITIAL ISSUE	KPH 16/10/2025	MONASH 11	H-WDCMNS30SA		
	COPYRIGHT:	3	PRELIM PLANS - CORRECTION PLANS	TDO 21/11/2025	ADDRESS:	FACADE DESIGN:		FACADE CODE:
	© 2026	4	PRELIM PLANS - COLOUR UPDATE	KPH 02/12/2025	2 CARTELA DRIVE, NUBEENA TAS 7184	GRANGE		F-WDCMNS30GRNGA
		5	PRELIM PLANS - AMENDMENTS	PL1 10/12/2025	LOT / SECTION / CT:	SHEET TITLE:		SHEET No.:
		6	PRELIM PLANS - AMENDMENTS	PL1 27/01/2026	2 / - / 161508	BUILDING ACT BUSHFIRE HAZARD AREAS		19 / 21
				COUNCIL:		SCALES:	714445	
				TASMAN				

AS3959 (2018)

All specifications are per AS3959 (2018) and Wilson Homes request. Other materials and options may be available, refer to AS3959 for full list of compliant materials.

6.1 GENERAL

A building assessed in Section 2 as being BAL - 19 shall comply with Section 3 and Clauses 6.2 to 6.8.

Any element of construction or system that satisfies the test criteria of AS 1530.8.1 may be used in lieu of the applicable requirements contained in Clauses 6.2 to 6.8 (see Clause 3.8).

NOTE: BAL - 19 is primarily concerned with protection from ember attack, and radiant heat greater than 12.5 kW/m² up to and including 19 kW/m².

6.2 SUBFLOOR SUPPORTS

This Standard does not provide construction requirements for subfloor supports where the subfloor space is enclosed with -

- (a) a wall that complies with Clause 6.4; OR
- (b) a mesh or perforated sheet with a maximum aperture of 2mm, made of corrosion-resistant steel, bronze or aluminium; OR
- (c) a combination of Items (a) and (b).

NOTE: This requirement applies to the subject building only and not to verandas, decks, steps, ramps and landings (see Clause 6.7)

C6.2 Combustible materials stored in the subfloor space may be ignited by embers and cause and impact to the building.

6.3 FLOORS

6.3.1 GENERAL

This Standard does not provide construction requirements for concrete slabs on the ground.

6.3.2 ELEVATED FLOORS

6.3.2.1 ENCLOSED SUBFLOOR SPACE

This standard does not provide construction requirements for elevated floors, including bearers and joists and flooring, where the subfloor space is enclosed with

- (a) a wall that complies with Clause 6.4; OR
- (b) a mesh perforated sheet with a maximum aperture of 2mm, made of corrosion resistant steel, bronze or aluminium; OR
- (c) a combination of Items (a) and (b) above.

6.3.2.2 UNENCLOSED SUBFLOOR SPACE

Where the subfloor space is unenclosed, the bearers, joists and flooring, less than 400mm above finished ground level, shall be one of the following -

- (a) Materials that comply with the following:

- (i) Bearers and joists shall be -
 - (A) non-combustible; OR
 - (B) bushfire-resisting timber (see Appendix F); OR
 - (C) a combination of Items (A) and (B) above.
- (ii) Flooring shall be -
 - (A) non-combustible; OR
 - (B) bushfire-resisting timber (see Appendix F); OR
 - (C) timber (other than bushfire-resisting timber),

particleboard or plywood flooring where the underside is lined with sarking-type material or mineral wool insulation; OR

- (D) a combination of any Items (A), (B) or (C) above.

- OR
- (b) A system complying with AS1530.8.1

This standard does not provide construction requirements for elements of elevated floors, including bearers, joists and flooring, if the underside of the element is 400mm or more above finished ground level.

6.4.1 WALLS

The exposed components of an external wall that is less than 400 mm from the ground or less than 400 mm above decks, carport roofs, awnings and similar fittings having an angle of less than 18 degrees to the horizontal and extending more than 110 mm in width from the wall (see Figure D3, Appendix D) shall be as follows:

- (a) Non-combustible material including, the following provided the thickness is 90mm:
 - (i) Full masonry or masonry veneer walls with an outer leaf of clay, concrete, calcium silicate or natural stone.
 - (ii) Precast or in situ walls of concrete or aerated concrete.
 - (iii) Earth wall including mud brick. OR
 - (b) Timber logs of a species with a density of 680kg/m³ or greater at a 12 percent moisture content; of a minimum nominal overall thickness of 90mm and a minimum thickness of 70mm (see Clause 3.11); and gauge planed. OR
 - (c) Cladding that is fixed externally to a timber-framed or a steel-framed wall that is sarked on the outside of the frame and is -
 - (i) non-combustible material; OR
 - (ii) fibre cement a minimum of 6mm in thickness; OR
 - (iii) bushfire-resisting timber (see Appendix F); OR
 - (iv) a timber species as specified in Paragraph E1, Appendix E; or
 - (v) a combination of any of Items (i), (ii), (iii) or (iv) above. OR
 - (d) A combination of any items (a), (b) or (c) above.
- This standard does not provide construction requirements for exposed components of an external wall that are 400mm or more from the ground or 400mm or more above decks, carport roofs, awnings and similar elements or fittings having an angle less than 18 degrees to the horizontal and extending more than 110mm in width from the wall (see Figure D3, Appendix D).

6.4.2 JOINTS

All joints in the external surface material of walls shall be covered, sealed, overlapped, backed or butt-jointed.

6.4.3 VENTS AND WEEPHOLES

Except for exclusions provided in Clause 3.6, vents and weepholes in external walls shall be screened with a mesh made of corrosion-resistant steel, bronze or aluminium.

6.5.1 BUSHFIRE SHUTTERS

Where fitted, bushfire shutters shall comply with Clause 3.7 and be made from -

- (a) non-combustible material; OR
- (b) a timber species as specified in Paragraph E1, Appendix E; OR
- (c) bushfire-resisting timber (see Appendix F); OR
- (d) a combination of Items (a), (b) and (c) above.

6.5.2 SCREENS FOR WINDOWS AND DOORS

Where fitted, screens for windows and doors shall have a mesh or perforated sheet made of corrosion-resistant steel, bronze or aluminium.

The frame supporting the mesh or perforated sheet shall be made from -

- (a) metal; OR
- (b) bushfire-resisting timber (see Appendix F);
- (c) a timber species as specified in Paragraph E2, Appendix E.

6.5.3 WINDOWS AND SIDELIGHTS

Window assemblies shall:

- (a) be completely protected by a bushfire shutter that complies with Clause 3.7 and clause 6.5.1; OR
 - (b) Be completely protected externally by screens that conform with Clause 3.6 and Clause 5.5.2.
 - (c) Conform with the following:
 - (i) Frame material For window assemblies less than 400mm from the ground or less than 400mm above decks, carport roofs, awnings and similar elements or fittings having an angle less than 18 degrees to the horizontal and extending more than 110mm in width from the window frame (see Figure D3, Appendix D), window frames and window joinery shall be made from:
 - (A) Bushfire-resisting timber (see Appendix F) OR
 - (B) A timber species as specified in Paragraph E2, Appendix F); OR
 - (C) Metal. OR
 - (D) Metal-reinforced uPVC. The reinforcing members shall be made from aluminium, stainless steel, or corrosion-resistant steel.
 - There are no specific restrictions on frame material for all other windows.
 - (ii) Hardware There are no specific restrictions on hardware for windows.
 - (iii) Glazing Where glazing is less than 400mm from the ground or less than 400mm above decks, carport roofs, awnings and similar elements or fittings having an angle less than 18 degrees to the horizontal and extending more than 110mm in width from the window frame (see Figure D3, Appendix D), this glazing shall be Grade A safety glass a minimum of 4mm in thickness or glass blocks with no restriction on glazing methods.
- NOTE: Where double-glazed assemblies are used above, the requirements apply to the external pane of the glazed assembly only. For all other glazing, annealed glass may be used in accordance with AS 1288.
- (iv) Seals and weather strips There are no specific requirements for seals and weather strips at this BAL level.
 - (v) Screens The openable portions of windows shall be screened internally or externally with screens that conform with Clause 3.6 and Clause 6.5.2. Where annealed glass is used, both the fixed and openable portions of the window shall be screened externally with screens that conform with clause 6.5.2.

C6.5.3(c), screening of the openable portions of all windows is required in all BAL's to prevent the entry of embers to the building when the window is open. For Item (c)(v), screening of the openable and fixed portions of some windows is required to reduce the effects of radiant heat on some types of glass. If the screening is required to reduce the effects of radiant heat on glass, and has to be externally fixed.

For Item (c)(v), If the screening is required only to prevent the entry of embers, the screening may be fitted externally or internally.

C6.5.3(c), screening of the openable portions of all windows is required in all BAL's to prevent the entry of embers to the building when the window is open. For Item (c)(v), screening of the openable and fixed portions of some windows is required to reduce the effects of radiant heat on some types of glass. If the screening is required to reduce the effects of radiant heat on glass, and has to be externally fixed.

6.5.4 DOORS SIDE-HUNG EXTERNAL DOORS (including French Doors, Panel Fold and Bi-fold Doors)

Side-hung external doors, including French doors, panel fold and bi-fold doors, shall -

- (a) Be completely protected by bushfire shutters that comply with Clause 3.7 and Clause 6.5.1.

OR

- (b) Be protected externally by screens that comply with Clause 3.6 and Clause 6.5.2.

- OR
- (c) conform with the following:
 - (i) Door panel material Materials shall be -
 - (A) non combustible; OR
 - (B) solid timber, laminated timber or reconstituted timber door, having a minimum thickness of 35mm for the first 400mm above the threshold; OR
 - (C) hollow core, solid timber, laminated timber or reconstituted timber with a non-combustible kickplate on the outside for the first 400mm above the threshold; OR
 - (D) for fully framed glazed door panels, the framing is made from metal or bushfire resisting timber (see Appendix F), or a timber species as specified in Paragraph E2, Appendix E or uPVC.
 - (ii) Door frame material Door frames material shall be:
 - (A) Bushfire-resisting timber (see Appendix F). OR
 - (B) a timber species as specified in Paragraph E2 of Appendix E;

- OR
- (C) Metal. OR
- (D) Metal-reinforced PVC-U. The reinforcing members shall be made from aluminium, stainless steel, or corrosion-resistant steel.
- (iii) Hardware There are no specific requirements for hardware at this BAL level.
- (iv) Glazing Where doors incorporate glazing, the glazing shall be toughened glass a minimum of 5mm in thickness.
- (v) Seals and weather strips Weather strips, draft excluders or draft seals shall be installed.
- (vi) Screens There are no specific requirements for hardware at this BAL level.
- (vii) Doors shall be tight-fitting to the door frame and to an abutting door, if applicable.

6.5.5 DOORS-SLIDING DOORS

Sliding doors shall:

- (a) Be completely protected by bushfire shutters that comply with Clause 3.7 and Clause 6.5.1.
- OR
- (b) Be completely protected externally by screens that comply with Clause 3.6 and Clause 6.5.2.

- OR
- (c) conform with the following:
 - (i) Frame material The material for door frames, including fully framed glazed doors, shall be -
 - (A) Bushfire-resisting timber (see Appendix F). OR
 - (B) a timber species as specified in Paragraph E2 of Appendix E; OR
 - (C) Metal. OR
 - (D) Metal-reinforced uPVC. The reinforcing members shall be made from aluminium, stainless steel, or corrosion-resistant steel.
 - (ii) Hardware There are no specific requirements for hardware at this BAL level.
 - (iii) Glazing Where doors incorporate glazing, the glazing shall be toughened glass a minimum of 5mm in thickness,
 - (iv) Seals and weather strips There are no specific requirements for hardware at this BAL level.
 - (v) Screens There are no specific requirements for hardware at this BAL level.
 - (vi) Sliding panels Sliding panels shall be tight-fitting in the frames.

6.5.6 DOORS-VEHICLE ACCESS DOORS (GARAGE DOORS)

The following apply to vehicle access doors:

- (a) The lower portion of a vehicle access door that is within 400mm of the ground when the door is closed (see Figure D4, Appendix D) shall be made from -
 - (i) non combustible material; OR
 - (ii) bushfire-resisting timber (see Appendix F); OR
 - (iii) fibre-cement sheet, a minimum of 6mm in thickness; OR
 - (iv) a timber species as specified in Paragraph E1, Appendix E; OR
 - (v) a combination of any Items (i), (ii) or (iv) above.
 - (b) All vehicle access doors doors shall be fitted with suitable weather strips, draught seals or brushes. Door assemblies fitted with guide tracks do not need edge gap protection.
- NOTES:
- Refer to AS/NZS 4505 for door types.
 - Gaps of door edges or building elements should be protected as per Section 3.
- C6.5.6(b) These guide tracks do not provide a direct passage for embers into the building.
- (c) Weather strips, draught excluders, draught seals or brushes to protect edge gaps or thresholds shall be manufactured from materials having a flammability index not exceeding five.
 - (d) Vehicle access doors with ventilation slots shall be protected in accordance with Clause 3.6.

6.6.1 ROOFS - GENERAL

The following apply to all types of roofs and roofing systems:

- (a) Roof tiles, roof sheets and roof-covering accessories shall be non-combustible.
- (b) The roof/wall junction shall be sealed, or otherwise protected in accordance with Clause 3.6
- (c) Roof ventilation openings, such as gable and roof vents, shall be fitted with ember guards made of non-combustible material or a mesh or perforated sheet conforming with Clause 3.6 and made of corrosion-resistant steel, bronze or aluminium.
- (d) Only evaporative coolers manufactured in accordance with AS/NZS 60335.2.98 shall be used. Evaporative coolers with an internal damper to prevent the entry of embers into the roof space need to be screened externally.

6.6.2 TILED ROOFS

Tiled roofs shall be fully sarked. The sarking shall -

- (a) be located on top of the roof framing, except that the roof battens may be fixed above the sarking;
- (b) cover the entire roof area including ridges and hips; and
- (c) extend into gutters and valleys.

6.6.3 SHEET ROOFS

Sheet roofs shall--

- (a) be fully sarked in accordance with Clause 6.6.2, except that foil-backed insulation blankets may be installed over the battens; and
 - (b) have any gaps sealed at the fascia or wall line and at valleys, hips and ridges by -
 - (i) a mesh or perforated sheet that conforms with Clause 3.6 and that is made of corrosion-resistant steel, bronze or aluminium; or
 - (ii) mineral wool; or
 - (iii) other non-combustible material; or
 - (iv) a combination of any of Items (i), (ii) or (iii) above.
- C6.6.3 - Sarking is used as a secondary form of ember protection for the roof space to account for minor gaps that may develop in sheet roofing.

6.6.4 VERANDA, CARPORT AND AWNING ROOFS

The following apply to veranda, carport and awning roofs:

- (a) A veranda, carport or awning roof forming part of the main roof space [see Figure D1(a), Appendix D] shall meet all the requirements for the main roof, as specified in Clauses 6.6.1, to 6.6.6.
 - (b) A veranda, carport or awning roof separated from the main roof space by an external wall [see Figures D1(b) and D1(c), Appendix D] complying with Clause 6.4 shall have a non-combustible roof covering, except where the roof covering is a translucent or transparent material.
- NOTE: There is no requirement to line the underside of a veranda, carport or awning roof that is separated from the main roof space

6.6.5 ROOF PENETRATIONS

The following apply to roof penetrations:

- (a) Roof penetrations, including roof lights, roof ventilators, roof-mounted evaporative cooling units, aerials, vent pipes and supports for solar collectors shall be sealed. The material used to seal the penetration shall be non-combustible.
- (b) Openings in vented roof lights, roof ventilators or vent pipes shall conform with Clause 3.6 and be made of corrosion-resistant steel, bronze or aluminium.

This requirement does not apply to a room sealed gas appliance. NOTE: A gas appliance designed such that air for combustion dose not enter from, or combustion products enter into, the room which the appliance is located.

In the case of gas appliance flues, ember guards shall not be fitted. NOTE: AS/NZS 5601 contains requirements for gas appliance flue systems and cowls. Advice can be obtained from manufacturers and State and Territory gas technical regulators.

- (c) All overhead glazing shall be Grade A safety glass complying with AS 1288.
- (d) Glazed elements in roof lights and skylights may be of polymer, provided a Grade A safety glass diffuser, complying with AS 1288, is installed under the glazing. Where glazing is an insulating glazing unit (IGU), Grade A toughened safety glass of minimum 4 mm in thickness shall be used in the outer pane of the IGU.
- (e) Flashing elements of tubular skylights may be of a fire-retardant material, provided the roof integrity is maintained by an under-flashing of a material having a flammability index not exceeding five.
- (f) Evaporative cooling units shall be fitted with non-combustible butterfly closers as close as practicable to the roof level, or the unit shall be fitted with non-combustible covers with a mesh or perforated sheet with a maximum aperture of 2mm, made of corrosion-resistant steel, bronze or aluminium.
- (g) Eaves lighting shall be adequately sealed and not compromise the performance of the element.

6.6.6 EAVES LININGS, FASCIAS AND GABLES

The following apply to eaves linings, fascias and gables:

- (a) Gables shall comply with Clause 6.4.
- (b) Eaves penetrations shall be protected the same as for roof penetrations, as specified in Clause 6.6.5.
- (c) Eaves ventilation openings shall be fitted with ember guards in accordance with Clause 3.6 and made of corrosion-resistant steel, bronze or aluminium

Joints in eaves linings, fascias and gables may be sealed with plastic joining strips or timber storm moulds.

This standard does not provide construction requirements for fascias, bargeboards and eaves linings.

6.6.7 GUTTERS AND DOWNPIPES

This Standard does not provide material requirements for-

- (a) gutters, with the exception of box gutters; and
- (b) downpipes.

If installed, gutter and valley lead guards shall be non-combustible. Box gutters shall be non-combustible and flashed at the junction with the roof with noncombustible material.

6.7.1 VERANDAS, DECKS, STEPS

AND LANDINGS - GENERAL

Decking may be spaced.

There is no requirement to enclose the subfloor spaces of verandas, decks, steps, ramps or landings.

C6.7.7 - Spaced decking is nominally spaced at 3 mm (in accordance with standard industry practice); however, due to the nature of timber decking with seasonal changes in moisture content, that spacing may range from 0 - 5 mm during service. It should be noted that recent research studies have shown that gaps at 5 mm spacing afford opportunity for embers to become lodged in between timbers, which may contribute to a fire. Larger gap spacings of 10 mm may preclude this from happening but such a spacing regime may not be practical for a timber deck.

6.7.2 ENCLOSED SUBFLOOR SPACES OF VERANDAS,

DECKS, STEPS, RAMPS AND LANDINGS

6.7.2.1 Materials to enclose a subfloor space

This standard does not provide construction requirements for the materials used to enclose a subfloor space except where those materials are less than 400mm from the ground. Where the materials used to enclose a subfloor space are less than 400mm from the ground, they shall conform with Clause 6.4.

6.7.2.2 Supports

This Standard does not provide construction requirements for support posts, columns, stumps, stringers, piers and poles.

6.7.2.3 Framing

This Standard does not provide construction requirements for the framing of verandas, decks, ramps or landings (i.e., bearers and joists).

6.7.2.4 Decking, stair treads and the trafficable surfaces of ramps and landings

This standard does not provide construction requirements for decking, stair treads and the trafficable surfaces and landings that are more than 300mm from a glazed element.

Decking, stair treads and the trafficable surfaces of ramps and landings less than 300mm (measured horizontally at deck level) from glazed elements that are less than 400mm (measured vertically) from the surface of the deck (see Figure D2, Appendix D) shall be made from -

- (a) of non-combustible material; or
- (b) of bushfire-resisting timber (see Appendix F); or
- (c) a timber species as specified in Paragraph E1, Appendix E; or
- (d) uPVC; or
- (e) a combination of Items (a), (b), (c) or (d).

6.7.3 UNENCLOSED SUBFLOOR SPACES OF VERANDAS,

DECKS, STEPS, RAMPS AND LANDINGS

6.7.3.1 Supports

This Standard does not provide construction requirements for support posts, columns, stumps, stringers, piers and poles.

6.7.3.2 Framing

This Standard does not provide construction requirements for the framing of verandas, decks, ramps or landings (i.e., bearers and joists).

6.7.3.3 Decking, stair treads and the trafficable surfaces of ramps and landings

This Standard does not provide construction requirements for deshing, stair treads and the trafficable surfaces of ramps and landings that are more than 300mm from a glazed element.

Decking, stair treads and the trafficable surfaces of ramps and landings less than 300mm (measured horizontally at deck level) from glazed elements that are less than 400mm (measured vertically) from the surface of the deck (see Figure D2, Appendix D) shall be made from-

- (a) non-combustible material; or
- (b) of bushfire-resisting timber (see Appendix F); or
- (c) a timber species as specified in Paragraph E1, Appendix E; or
- (d) a combination of any of Items (a), (b), or (c).

6.7.4 BALUSTRADES, HANDRAILS OR OTHER BARRIERS

This Standard does not provide construction requirements for balustrades, handrails and other barriers.

5.7.5 VERANDA POSTS

Verandah Posts -

- (a) Shall be timber mounted on galvanised mounted shoes or stirrups with a clearance of no less than 75mm above adjacent ground level; or
- (b) if less than 400mm (measured vertically) from the surface of the deck or ground (see Fig D2, Appendix D) shall be made from -
 - (i) non-combustible material; or
 - (ii) bushfire-resisting timber (see Appendix F); or
 - (iii) a timbers species as specified in Paragraph E1, Appendix E; or
 - (iv) a combination of any of items (a) or (b).

6.8 WATER AND GAS SUPPLY PIPES

Above-ground, exposed water and gas supply pipes shall be metal.

External gas pipes and fittings above ground shall be of steel or copper construction having a minimum wall thickness in accordance with gas regulations or 0.9mm whichever is the greater. The metal pipe shall extend a minimum of 400mm within the building and 100mm below ground.

NOTE: Refer to State and Territory gas regulations, AS/NZS 5601.1 and AS/NZS 4645.1.

C6.8 Concern is raised for the protection of bottled gas installations. Location, shielding and venting of the gas bottles needs to be considered.

SUBJECT TO NCC 2022

(1 MAY 2023)

**WATERPROOFING & PLUMBING
CONDENSATION MANAGEMENT**

PLAN ACCEPTANCE BY OWNER

SIGNATURE: DATE:

SIGNATURE: DATE:

PLEASE NOTE THAT VARIATIONS WILL NOT BE ACCEPTED
AFTER THIS PLAN ACCEPTANCE HAS BEEN SIGNED

**BAL-19 BUSHFIRE REQUIREMENTS
SEE SHEET 1 (COVER SHEET) FOR DETAILS**

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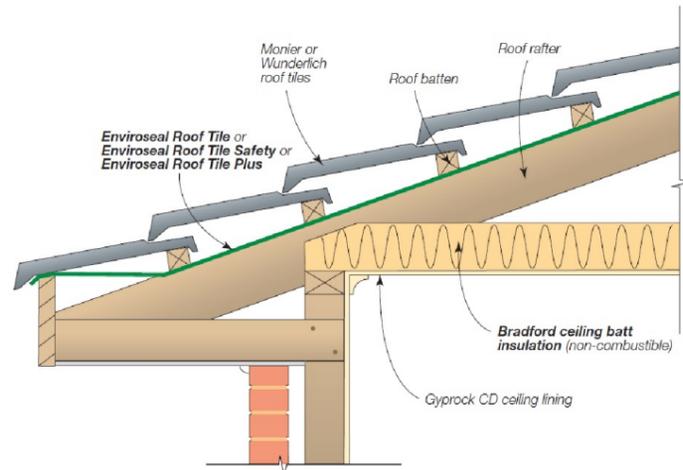


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DISCOVERY	2 PRELIM PLANS - INITIAL ISSUE	KPH 16/10/2025	ADDRESS: 2 CARTELA DRIVE, NUBEENA TAS 7184	MONASH 11	H-WDCMNS30SA	714445
COPYRIGHT: © 2026	3 PRELIM PLANS - CORRECTION PLANS	TDO 21/11/2025		FACADE DESIGN: GRANGE	FACADE CODE: F-WDCMNS30GRNGA	
	4 PRELIM PLANS - COLOUR UPDATE	KPH 02/12/2025		SHEET TITLE: BAL 19 NOTES	SHEET No.: 20 / 21	
	5 PRELIM PLANS - AMENDMENTS	PL1 10/12/2025		LOT / SECTION / CT: 2 / - / 161508	SCALES:	
	6 PRELIM PLANS - AMENDMENTS	PL1 27/01/2026		COUNCIL: TASMAN		

Rafter Spacing	Product
Up to and including 600mm	EnviroSeal™ Roof Tile or EnviroSeal™ Roof Tile Plus
Over 600mm	EnviroSeal™ Roof Tile Safety

Figure 5.1. Tiled Roofs

- Install EnviroSeal roof tile sarking on top of the roof framing and below the roof battens.
- For further fixing details contact CSR technical support.



Application	Product
Sarking	EnviroSeal™ Resiwrap
Foil faced insulation blanket	Bradford Anticon™
Gap seal	Bradford Fireseal BAL 12.5 - 40 Blanket

Figure 5.2.1. Fascia Detail – Metal Roof (BAL12.5-40)

- Install EnviroSeal Resiwrap to the entire roof area over the top of the battens.
- Immediately above the fascia install BAL12.5 – 40 Blanket extending up the roof and over the first batten. Compress with the roof sheeting.
- For further fixing details contact CSR technical support.

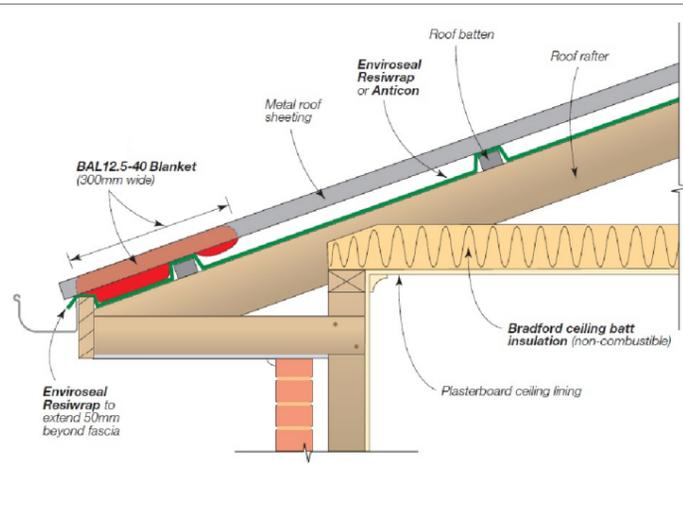


Figure 5.2.2. Valley Detail – Steel Roof (BAL-12.5 – BAL-40)

- Install EnviroSeal Resiwrap to the entire roof area over the top of the battens.
- BAL12.5 – 40 Blanket to be laid over the top of the sarking extending into the valley gutter. Compress with roof sheeting.
- For further fixing details contact CSR technical support.

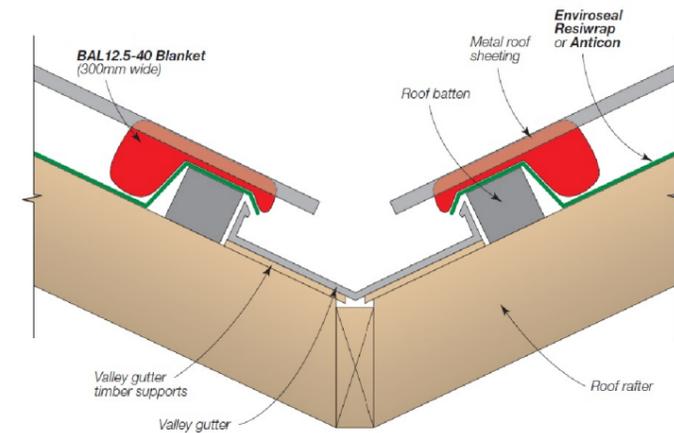


Figure 5.2.3. Barge Detail – Steel Roof (BAL-12.5 – BAL-40)

- Install EnviroSeal Resiwrap to the entire roof area over the top of the battens.
- At barge install BAL12.5 – 40 Blanket and compress with roof sheeting.
- For further fixing details contact CSR technical support.

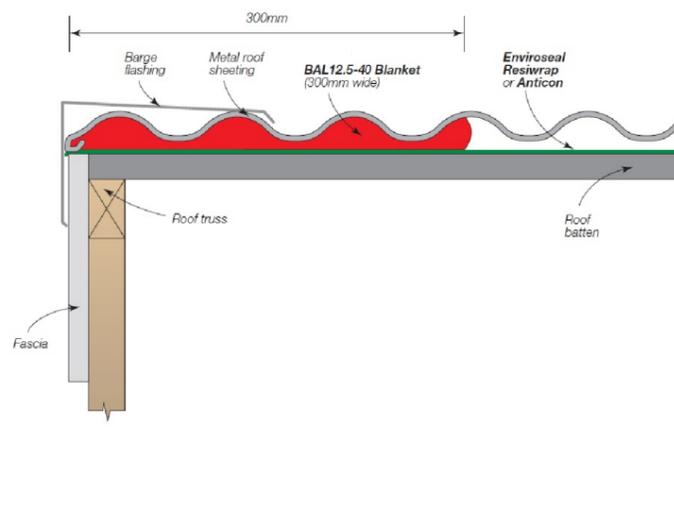
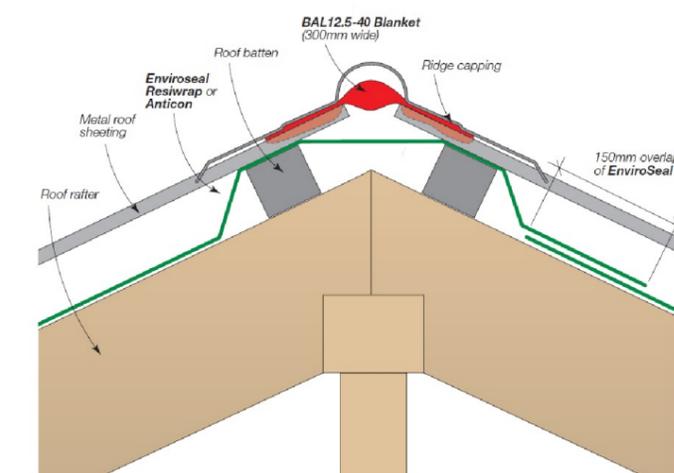


Figure 5.2.4. Hip/Ridge Detail – Steel Roof (BAL-12.5 – BAL-40)

- Install EnviroSeal Resiwrap to the entire roof area over the top of the battens.
- At the ridge/hip lay BAL12.5 – 40 Blanket over the gap between the roof sheets and compress with the ridge capping to the roof profile.
- For further fixing details contact CSR technical support.



Details for the purpose of bushfire proofing only. To be printed in colour.

Images sourced from Bradfords "Bushfire Roofing System", Published 04/11.

**SUBJECT TO NCC 2022
(1 MAY 2023)
WATERPROOFING & PLUMBING
CONDENSATION MANAGEMENT**

PLAN ACCEPTANCE BY OWNER

SIGNATURE: _____ DATE: _____

SIGNATURE: _____ DATE: _____

PLEASE NOTE THAT VARIATIONS WILL NOT BE ACCEPTED AFTER THIS PLAN ACCEPTANCE HAS BEEN SIGNED

**BAL-19 BUSHFIRE REQUIREMENTS
SEE SHEET 1 (COVER SHEET) FOR DETAILS**

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	DISCOVERY	2	PRELIM PLANS - INITIAL ISSUE	KPH 16/10/2025		MONASH 11	H-WDCMNS30SA	
	COPYRIGHT:	3	PRELIM PLANS - CORRECTION PLANS	TDO 21/11/2025	ADDRESS:	FACADE DESIGN:	FACADE CODE:	
	© 2026	4	PRELIM PLANS - COLOUR UPDATE	KPH 02/12/2025	2 CARTELA DRIVE, NUBEENA TAS 7184	GRANGE	F-WDCMNS30GRNGA	
		5	PRELIM PLANS - AMENDMENTS	PL1 10/12/2025	LOT / SECTION / CT:	SHEET TITLE:	SHEET No.:	
		6	PRELIM PLANS - AMENDMENTS	PL1 27/01/2026	2 / - / 161508	BAL 12.5 - BAL 40 ROOF DETAILS	21 / 21	
				COUNCIL:	TASMAN	SCALES:	714445	

HYDRAULICS NOTES:

GENERAL NOTES:

- GN1. THESE DRAWINGS ARE TO BE READ IN CONJUNCTION WITH ALL RELEVANT ARCHITECTURAL, LANDSCAPE, CONTRACT, AND SPECIFICATION DOCUMENTS TO ENSURE COMPLETE UNDERSTANDING OF THE WORKS.
- GN2. ALL CONSTRUCTION WORKS ARE TO BE UNDERTAKEN BY THE CONTRACTOR UNLESS SPECIFICALLY NOTED OTHERWISE. COORDINATE ALL TRADES AND ENSURE PROPER CONNECTION OF SERVICES.
- GN3. PRIOR TO COMMENCING ANY EXCAVATION OR CONSTRUCTION, LOCATE AND VERIFY ALL EXISTING UNDERGROUND AND OVERHEAD SERVICES (GAS, POWER, SEWER, STORMWATER, WATER, TELECOMMUNICATIONS, ETC.). NOTIFY THE ENGINEER IMMEDIATELY OF ANY DISCREPANCIES OR UNRECORDED SERVICES ENCOUNTERED ON SITE.
- GN4. CONFIRM EXISTING SURFACE AND DESIGN LEVELS ON SITE BEFORE STARTING WORKS.
- GN5. THE CONTRACTOR SHALL BE RESPONSIBLE FOR ALL SITE SET-OUT AND SURVEY WORKS REQUIRED FOR THE PROJECT.
- GN6. THE CONTRACTOR IS LIABLE FOR ANY DAMAGE CAUSED TO EXISTING OR NEWLY INSTALLED SERVICES BY THEIR ACTIVITIES OR THOSE OF SUBCONTRACTORS. ANY DAMAGED WORKS SHALL BE REINSTATED IMMEDIATELY AT NO COST TO THE PRINCIPAL.
- GN7. ANY REDUNDANT OR ABANDONED SERVICES DISCOVERED DURING CONSTRUCTION SHALL BE ISOLATED, CAPPED, OR REMOVED AS DIRECTED BY THE ENGINEER AND RECORDED ON AS-CONSTRUCTED DOCUMENTATION.
- GN8. BEFORE MAKING ANY CONNECTIONS TO EXISTING WATER OR DRAINAGE SYSTEMS, CONFIRM THAT THE EXISTING INFRASTRUCTURE IS IN SOUND CONDITION AND SUITABLE FOR REUSE.
- GN9. THE CONTRACTOR MUST OBTAIN APPROVAL FROM THE ENGINEER BEFORE IMPLEMENTING ANY DESIGN CHANGES. TEMPORARY ALTERATIONS FOR EMERGENCY SITUATIONS MAY BE CARRIED OUT ONLY WITH SUBSEQUENT WRITTEN CONFIRMATION. ANY CORRECTIVE WORK REQUIRED TO RESTORE DESIGN COMPLIANCE SHALL BE AT THE CONTRACTOR'S COST.
- GN10. THE APPOINTED SUPERINTENDENT (WHERE APPLICABLE) SHALL BE CONSIDERED EQUIVALENT TO THE "ENGINEER" FOR THE PURPOSES OF CONTRACT ADMINISTRATION AND CORRESPONDENCE.
- GN11. THE RELEVANT LOCAL COUNCIL MUST BE ENGAGED (ALONGSIDE THE ENGINEER) FOR REQUIRED INSPECTIONS OF STORMWATER SYSTEMS, CAR PARKS, AND DRIVEWAYS. TASWATER CORPORATION IS THE RESPONSIBLE AUTHORITY FOR SEWER AND WATER ASSETS AND MUST BE CONTACTED FOR INSPECTIONS OR APPROVALS RELATING TO THESE SERVICES.
- GN12. THE CONTRACTOR SHALL ASSUME THAT ADEQUATE EXISTING SERVICES AND INFRASTRUCTURE (INCLUDING ROAD ACCESS, POWER, WATER, SEWER, GAS, AND TELECOMMUNICATIONS) ARE AVAILABLE AND CAPABLE OF MEETING PROJECT REQUIREMENTS ADJACENT TO THE SITE.
- GN13. REMOVE ALL CONSTRUCTION DEBRIS, SURPLUS MATERIALS, AND WASTE FROM THE SITE UPON COMPLETION AND LEAVE THE SITE IN A CLEAN AND TIDY CONDITION.

APPROVALS:

- AP1. CONTRACTOR TO ENSURE ALL REQUIRED BUILDING AND PLUMBING PERMITS ARE OBTAINED AND VALID PRIOR TO COMMENCING WORK. NOTIFY THE BUILDING SURVEYOR FOR ALL REQUIRED SITE INSPECTIONS. WORKS WITHIN A ROAD RESERVE REQUIRE A ROAD OPENING PERMIT FROM THE LOCAL COUNCIL. OBTAIN WORKPLACE STANDARDS APPROVAL WHERE APPLICABLE.
- AP2. CONTRACTOR TO ARRANGE AND COORDINATE ALL REQUIRED INSPECTIONS AND COMPLY WITH HOLD POINTS SPECIFIED IN THE CONTRACT, OR AS DIRECTED BY THE BUILDING OR PLUMBING SURVEYOR.
- AP3. PHOTOGRAPHIC EVIDENCE IS NOT ACCEPTABLE FOR RELEASE OF A HOLD POINT UNLESS SPECIFICALLY APPROVED BY THE ENGINEER.

BUILDING HYDRAULICS NOTES

- BH1. ALL HYDRAULIC WORKS AND MATERIALS SHALL COMPLY WITH AS 3500, THE TASMANIAN PLUMBING CODE, AND ALL RELEVANT AUTHORITY REQUIREMENTS.
- BH2. DRAWINGS INDICATE DESIGN INTENT ONLY. FINAL PIPE ROUTES AND FITTINGS SHALL BE ARRANGED TO SUIT SITE CONDITIONS AND COORDINATED WITH STRUCTURAL AND BUILDING SERVICES LAYOUTS.
- BH3. ALL PIPEWORK SHALL BE CONCEALED WITHIN WALL CHASES, CEILING VOIDS, OR SERVICE DUCTS UNLESS OTHERWISE APPROVED BY THE ARCHITECT OR ENGINEER.
- BH4. PRIOR TO INSTALLATION, VERIFY ALL EXISTING SERVICE LOCATIONS ON SITE. DO NOT RELY SOLELY ON DRAWING INFORMATION.
- BH5. CONFIRM INVERT LEVELS BEFORE EXCAVATION AND INSTALLATION OF ALL UNDERGROUND DRAINAGE.
- BH6. MINIMUM COVER FOR SW PIPES SHALL BE IN ACCORDANCE WITH AS3500.3 SECTION 6.2.5, MINIMUM GRADES SHALL BE IN ACCORDANCE WITH SECTION 6.3.4.
- BH7. MINIMUM COVER FOR SEWER PIPES SHALL BE IN ACCORDANCE WITH AS3500.2 SECTION 3.7. MINIMUM GRADES SHALL BE IN ACCORDANCE WITH SECTION 3.4.
- BH8. PROVIDE ALL FIXTURES, VALVES, AND TAPWARE COMPLETE WITH FITTINGS AS NOMINATED IN THE PROJECT SPECIFICATION OR FIXTURE SCHEDULE.
- BH9. WHERE ADMITTANCE VALVE (AAV) IS USED, AAV SHALL BE SPECIFIED AS PER AS3500.2 SECTION 6.10. THE AIR FLOW CAPACITY SHALL BE NO LESS THAN SPECIFIED IN THE TABLE 6.10.2 (A) AND TABLE 6.10.2(B).
- BH10. ALL HOT WATER SYSTEMS SHALL DELIVER TEMPERATURES OF 65 °C TO KITCHENS/LAUNDRIES, 50 °C TO BATHROOMS, AND 45 °C TO CHILD-CARE, AGED-CARE, OR DISABLED FACILITIES.
- BH11. COORDINATE NEW HYDRAULIC INSTALLATIONS WITH OTHER TRADES TO AVOID CLASHES AND ENSURE SERVICE CONTINUITY.
- BH12. DURING DEMOLITION, REMOVE REDUNDANT PIPEWORK, FITTINGS, AND SUPPORTS. SEAL ALL PENETRATIONS THROUGH FLOORS, WALLS, AND ROOFS AS REQUIRED. REFER ALSO TO ARCHITECTURAL DEMOLITION DRAWINGS.
- BH13. THE PLUMBING CONTRACTOR SHALL OBTAIN ALL APPROVALS, PAY REQUIRED AUTHORITY FEES, AND COORDINATE ALL NEW CONNECTIONS OR DISCONNECTIONS AS PART OF THE CONTRACT SCOPE.
- BH14. ARRANGE AUTHORITY INSPECTIONS AND CONNECTION WORKS TO ALIGN WITH THE BUILDER'S CONSTRUCTION PROGRAM.
- BH15. ALL DISTURBED AREAS AND FINISHES SHALL BE REINSTATED TO MATCH EXISTING ADJACENT CONDITIONS.
- BH16. MAINTAIN CONTINUITY OF ESSENTIAL SERVICES. ANY REQUIRED SHUTDOWNS MUST BE ARRANGED IN CONSULTATION WITH THE ARCHITECT AND AFFECTED OCCUPANTS.
- BH17. UNDERTAKE TESTING AND INSPECTIONS AS REQUIRED BY THE LOCAL AUTHORITY BEFORE BACKFILLING OR CONCEALING PIPEWORK.
- BH18. UPON COMPLETION, FLUSH AND CLEAN ALL HYDRAULIC SYSTEMS, REMOVE DEBRIS, CLEAN FILTERS, STRAINERS, AND AERATORS, AND CONDUCT HYDRANT AND HOSE REEL FLOW TESTS.
- BH19. PROVIDE ALL COMPLETION DOCUMENTATION INCLUDING AUTHORITY CERTIFICATES, WARRANTIES, AS-BUILT RECORDS, AND OPERATION MANUALS TO THE ARCHITECT.
- BH20. FOR CLASS M OR HIGHER FOUNDATION CONDITIONS, PROVIDE ADDITIONAL DRAINAGE MEASURES IN ACCORDANCE WITH AS 2870.



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			DESIGNED:	DATE:		<p>Proposed Dwelling At</p> <p>LOT 2, 2 CARTELA DR, NUBEENA</p>	<p>Wilson Homes</p>	ISSUE :	CLC	SHEET :	1 of 4		
			CHECKED:	DATE:				DRAWING TITLE:	REV:	-	DATE :	05/12/2025	
			APPROVED:	DATE:				<p>HYDRAULIC GENERAL NOTES</p>					
A	ISSUED FOR CLC	05/12/2025											

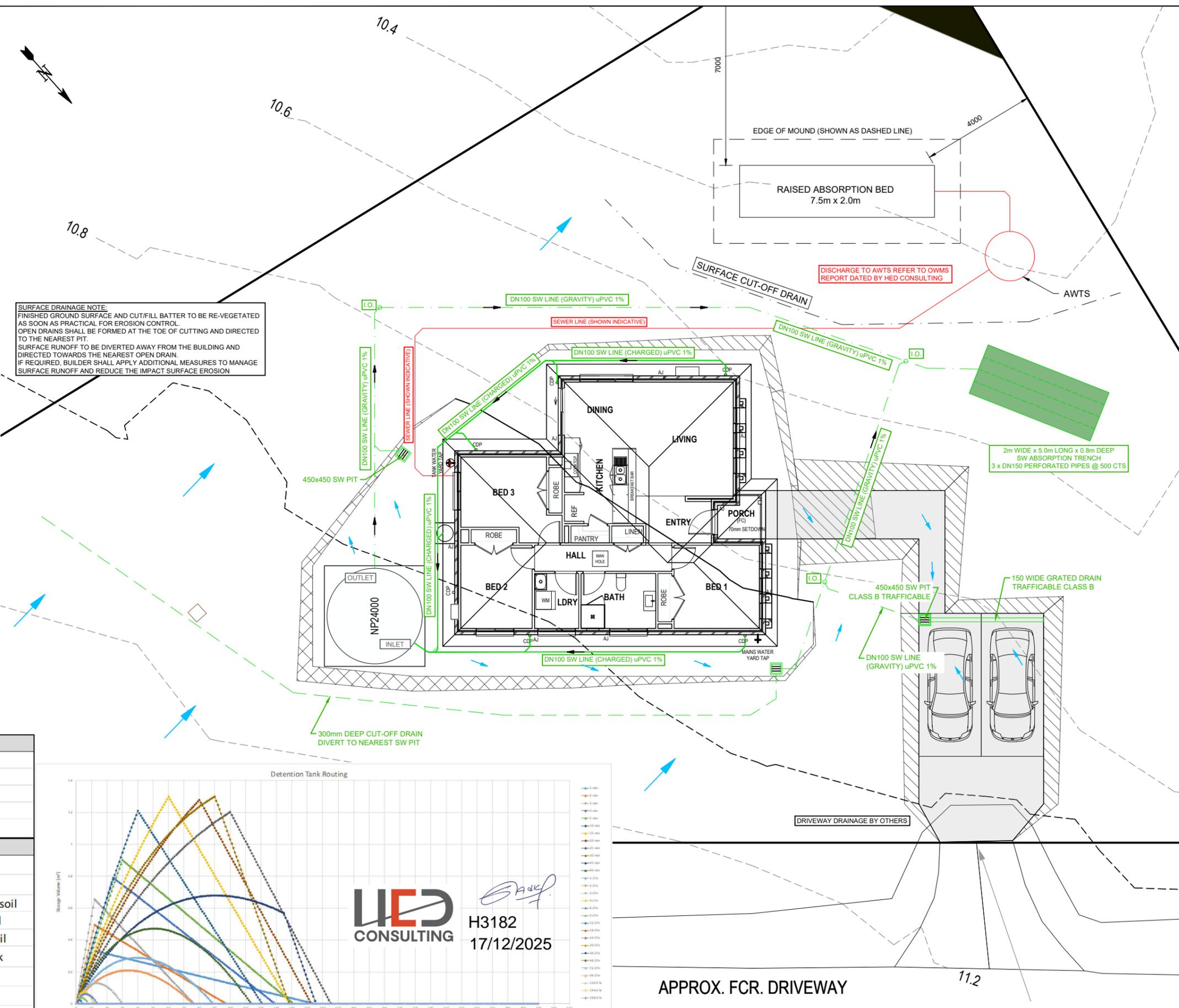
LEGEND

- EXISTING LOT BOUNDARIES
- NEW LOT BOUNDARY
- - - 0.05 EXISTING CONTOURS (@0.05m INTERVALS)
- - - EXISTING EASEMENT
- E- EXISTING ELECTRICAL OVERHANG
- SW- EXISTING STORMWATER PIPE
- EMBANKMENT TOP
- - - EMBANKMENT BOTTOM
- - - NEW GRAVITY STORMWATER PIPE SN6 PVC-U
- NEW CHARGED STORMWATER PIPE SN6 PVC-U
- NEW SUBSOIL DRAIN WRAPPED IN GEOTEXTILE
- CDP CHARGED DOWNPIPE & DN65 CONNECTION
- STORMWATER PIT & GRATE
- OVERLAND FLOW
- ▶ DIRECTION OF FLOW

SURFACE DRAINAGE NOTE:
 FINISHED GROUND SURFACE AND CUT/FILL BATTER TO BE RE-VEGETATED AS SOON AS PRACTICAL FOR EROSION CONTROL.
 OPEN DRAINS SHALL BE FORMED AT THE TOE OF CUTTING AND DIRECTED TO THE NEAREST PIT.
 SURFACE RUNOFF TO BE DIVERTED AWAY FROM THE BUILDING AND DIRECTED TOWARDS THE NEAREST OPEN DRAIN.
 IF REQUIRED, BUILDER SHALL APPLY ADDITIONAL MEASURES TO MANAGE SURFACE RUNOFF AND REDUCE THE IMPACT SURFACE EROSION

DRAINAGE NOTES:

1. THE SOIL HAS BEEN CLASSIFIED AS 'A'
2. FFL TO BE A MINIMUM OF 150mm ABOVE ADJACENT FINISHED GROUND, LANDSCAPING OR PAVEMENT. THIS MAY BE REDUCED TO 50mm WHERE ADJOINING CONCRETE PAVEMENTS SLOPE AWAY FROM THE BUILDING.
3. REFER TO BUILDING DESIGNERS DOCUMENTATION FOR SURFACE LEVELS AND SURFACE DRAINAGE DETAILS. SURFACES ADJACENT TO A BUILDING SHALL FALL AWAY FROM THE DWELLING IN ACCORDANCE WITH NCC-2022 VOL 1. SECTION 3.3.3. NOT LESS THAN 50mm IN THE FIRST METRE.
4. MAXIMUM DISTANCE BETWEEN SW EXPANSION JOINTS SHALL BE 30m U.N.O.
5. SURFACE DRAINAGE SHALL BE CONTROLLED FROM THE START OF SITE PREPARATION AND BE COMPLETED BY FINISH OF CONSTRUCTION.
6. THE BASE OF ALL TRENCHES SHALL SLOPE AWAY FROM THE BUILDING WHERE POSSIBLE.
7. TRENCHES WITHIN 1.5m OF SLAB/FOOTINGS SHALL BE BACKFILLED WITH 300mm CLAY AT THE TOP OF THE TRENCH & COMPACTED.
8. WHERE PIPES PASS BENEATH THE FOOTING OR SLAB THE TRENCH SHALL BE BACKFILLED FULL DEPTH WITH CLAY OR CONCRETE TO RESTRICT THE INGRESS OF WATER.
9. SUBSURFACE DRAINS NOT PERMITTED WITHIN 1.5m OF SLAB/FOOTINGS UNLESS NOTED OTHERWISE.
10. ALL DRAINAGE SHALL BE IN ACCORDANCE WITH AS/NZS 3500 AND AS2870 SECTIONS 5 AND 6



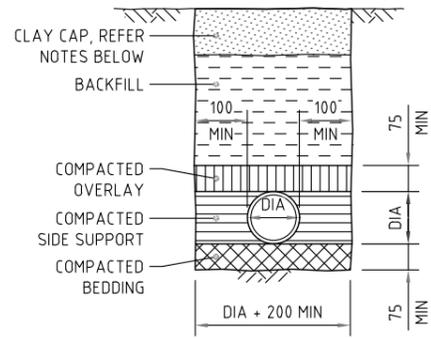
Absorption Trench Details	
Length	5 m
Width	2 m
Depth	0.8 m
Void ratio	35%
Trench SW Storage Volume Provided	2.8 m ³
Trench Infiltration	
Trench Base area	10 m ²
Blockage factor Ψ	0.5
Moderation Factor	1 for sandy clay soil 2 for clay soil 0.5 for sandy soil
Hydraulic Conductivity	1.00E-05 HW bedrock
Infiltration rate	0.000050 m ³ /s
Trench volume required (30min)	1.671 m ³
Perforated Pipe (DN150) Length Requir	15 m



APPROX. FCR. DRIVEWAY

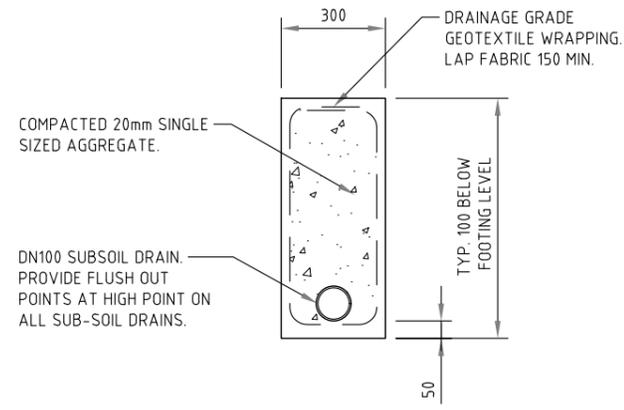
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			DESIGNED:	DATE:		Proposed Dwelling At	Wilson Homes	ISSUE: CLC	SHEET: 2 of 4
			CHECKED:	DATE:		LOT 2, 2 CARTELA DR, NUBEENA	DRAINAGE PLAN	REV: -	DATE: 05/12/2025
A	ISSUED FOR CLC	05/12/2025	APPROVED:	DATE:					



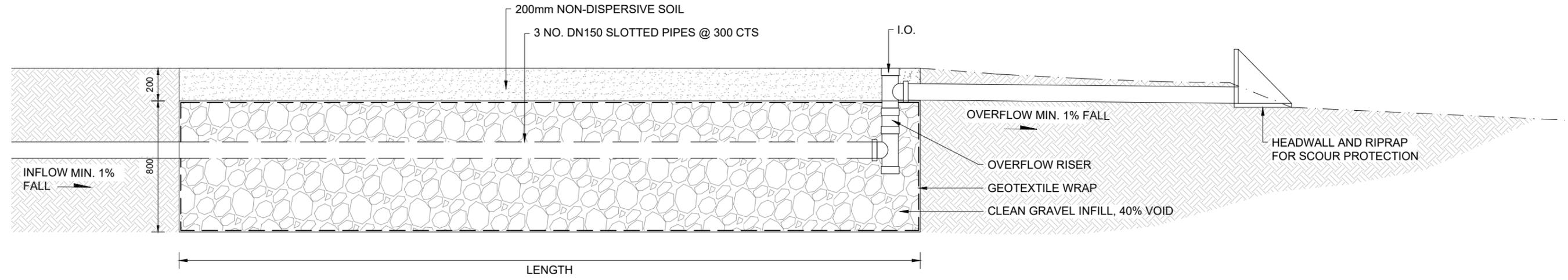
NOTE:

- BEDDING, PIPE SUPPORT AND OVERLAY: PLUMBING/SW - 7 mm CLEAN CRUSHED AGGREGATE
- WATER - SAND OR FINE GRAINED SOIL
- BACKFILL - MATERIAL EXCAVATED FROM TRENCH PROVIDING THAT THE MATERIAL IS FREE FROM BUILDER'S WASTE OR ROCKS/HARD MATTER LARGER THAN 25 mm, AND SOIL LUMPS LARGER THAN 75 mm IN TRAFFICABLE AREAS TRENCH FILL SHALL BE PLACED IN LOOSE LAYERS NOT EXCEEDING 200 mm THICK AND COMPACTED TO NOT LESS THAN 90% STD MDD FOR CONCRETE PAVEMENTS OR 95% STD MDD FOR ASPHALT PAVEMENTS
- 300 mm THICK CLAY CAP REQUIRED WHERE TRENCH WITHIN 1500 mm OF BUILDING



TYPICAL SUBSOIL DRAIN DETAIL
NTS

TYPICAL RESIDENTIAL SERVICES TRENCH DETAIL
NTS



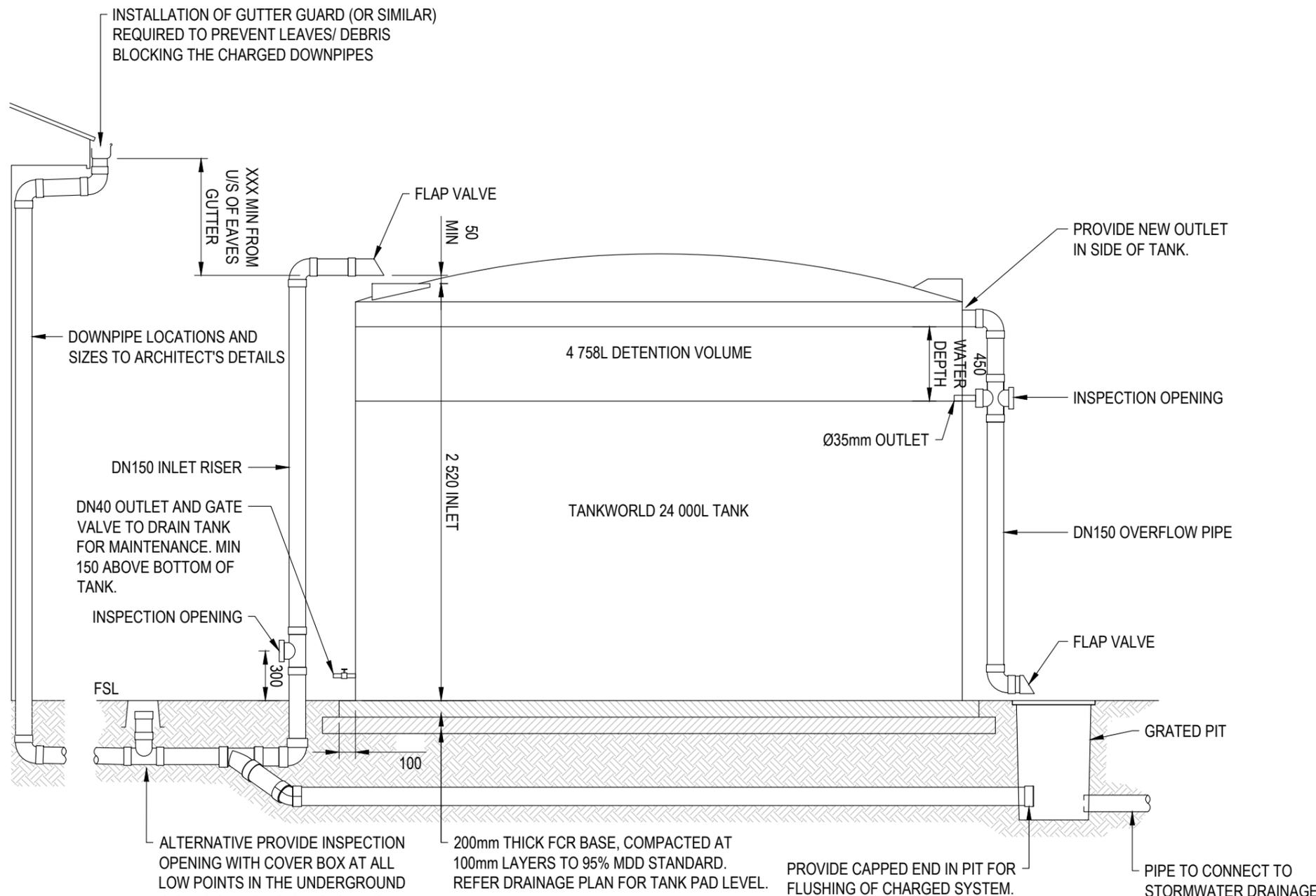
HED CONSULTING
H3182
17/12/2025

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			DESIGNED:	DATE:					ISSUE :	CLC	SHEET :	3 of 4
			CHECKED:	DATE:					REV:	-	DATE :	05/12/2025
A	ISSUED FOR CLC	05/12/2025	APPROVED:	DATE:					DRAWING TITLE: DRAINAGE DETAILS A			

STORMWATER MAINTENANCE PLAN

(PREPARED IN ACCORDANCE WITH THE TASMANIAN BUILDING REGULATIONS 2014, NCC VOLUME 3 – PLUMBING CODE OF AUSTRALIA, AS/NZS 3500.3:2021, AND CITY OF LAUNCESTON OSD GUIDELINES)



- NOTE:
1. CHARGED DOWNPIPE SYSTEM TO BE WATERTIGHT USING SCJ PIPEWORK.
 2. PROVIDE FIRST FLUSH SYSTEM TO POTABLE WATER. DESIGN AND DETAIL BY OTHERS.
 3. POTABLE PRESSURE PUMP AS PER DESIGN AND DETAIL BY OTHERS.

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 H3182
 17/12/2025

1. **SYSTEM OVERVIEW**
 - THE SITE STORMWATER SYSTEM INCORPORATES CHARGED DRAINAGE PIPEWORK DESIGNED AND INSTALLED IN ACCORDANCE WITH AS/NZS 3500.3:2021 CLAUSE 5.5 AND RELEVANT SECTIONS OF THE TASMANIAN PLUMBING CODE.
 - CHARGED (WET) PIPEWORK CONVEYS STORMWATER RUNOFF FROM ROOF CATCHMENTS TO AN ONSITE STORMWATER DETENTION (OSD) TANK, WHICH MODERATES THE RATE OF DISCHARGE TO THE LEGAL POINT OF DISCHARGE (LPOD) IN ACCORDANCE WITH THE CITY OF LAUNCESTON'S REQUIREMENTS.
 - THE DETENTION FUNCTION IS ACHIEVED VIA A SMALL-DIAMETER ORIFICE OUTLET THAT CONTROLS DISCHARGE FLOW RATES. THIS ORIFICE MAY BECOME BLOCKED AND REQUIRES PERIODIC INSPECTION AND CLEANING.
 - THE DETENTION TANK IS FOR STORMWATER DETENTION ONLY AND IS NOT CONNECTED FOR REUSE WITHIN THE DWELLING OR LANDSCAPE IRRIGATION SYSTEM. SHOULD THE OWNER WISH TO HARVEST WATER FOR REUSE, A SEPARATE COMPLIANT RAINWATER TANK SYSTEM DESIGNED UNDER AS/NZS 3500.1 MUST BE INSTALLED.
 - A GATE VALVE IS PROVIDED FOR DRAINING THE DETENTION TANK FOR MAINTENANCE. THIS VALVE MUST REMAIN CLOSED AT ALL TIMES EXCEPT DURING MAINTENANCE WORKS TO ENSURE THE TANK CONTINUES TO FUNCTION AS DESIGNED.
2. **MAINTENANCE REQUIREMENTS**

ALL MAINTENANCE ACTIVITIES ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE CITY OF LAUNCESTON'S OSD MAINTENANCE GUIDELINES, AS/NZS 3500.3, AND THE PLUMBING CODE OF AUSTRALIA.

 - 2.1 **CONFINED SPACE SAFETY**

ALL MAINTENANCE ACTIVITIES ARE TO BE UNDERTAKEN IN ACCORDANCE WITH THE CITY OF LAUNCESTON'S OSD MAINTENANCE GUIDELINES, AS/NZS 3500.3, AND THE PLUMBING CODE OF AUSTRALIA.

 - THE DETENTION TANK CONSTITUTES A CONFINED SPACE UNDER WORK HEALTH AND SAFETY REGULATIONS 2012 (TAS).
 - NO PERSON IS TO ENTER THE TANK UNLESS APPROPRIATELY TRAINED, AUTHORISED, AND EQUIPPED FOR CONFINED SPACE ENTRY.
 - 2.2 **ANNUAL MAINTENANCE**

THE OWNER SHALL ENSURE THAT AT LEAST ONCE PER YEAR:

 - ROOF GUTTERS, DOWNPIPES, AND LEAF DIVERTERS ARE CLEANED AND CLEARED OF DEBRIS.
 - ALL STORMWATER PITS AND INLETS ARE CHECKED AND CLEARED TO ENSURE FREE DRAINAGE.
 - INSPECTION OPENINGS (IOS) ON THE CHARGED PIPEWORK UPSTREAM OF THE OSD TANK ARE OPENED AND FLUSHED TO REMOVE SEDIMENT ACCUMULATION.
 - THE TANK OVERFLOW, ORIFICE OUTLET, AND LPOD ARE INSPECTED TO CONFIRM WATER CAN FLOW FREELY.
 - 2.3 **FUNCTIONAL CHECKS AFTER RAINFALL**

FOLLOWING RAINFALL EVENTS:

 - OBSERVE THE DETENTION DISCHARGE PIT.
 - A SLOW, CONTINUOUS FLOW SHOULD OCCUR FOR A PERIOD AFTER RAINFALL, CONSISTENT WITH THE OSD DESIGN.
 - IF NO DISCHARGE OR CONSTANT HIGH DISCHARGE IS OBSERVED, INSPECT THE ORIFICE FOR BLOCKAGE OR DAMAGE.
 - CLEAN THE ORIFICE OUTLET BY REMOVING DEBRIS FROM THE INSPECTION OPENING.
 - IF THE BLOCKAGE CANNOT BE CLEARED OR THE ORIFICE PLATE IS DAMAGED, ENGAGE A LICENSED PLUMBER REGISTERED UNDER THE PLUMBERS AND GAS-FITTERS REGISTRATION ACT 1951 (TAS) TO REPAIR OR REPLACE THE COMPONENT.
 - 2.4 **FIVE-YEARLY MAINTENANCE**
 - ENGAGE A QUALIFIED CONTRACTOR TO PUMP OUT AND CLEAN THE OSD TANK AT LEAST EVERY FIVE (5) YEARS, OR SOONER IF SEDIMENT BUILDUP IS VISIBLE.
 - CLEANING MUST REMOVE SLUDGE AND RESTORE THE TANK'S DESIGN DETENTION VOLUME.
 - ALL CLEANING AND INSPECTION WORKS SHOULD BE CARRIED OUT BY A LICENSED PLUMBER OR ACCREDITED STORMWATER MAINTENANCE CONTRACTOR.
3. **RECORD KEEPING**

THE PROPERTY OWNER SHALL MAINTAIN A STORMWATER MAINTENANCE LOG, RECORDING:

 - DATE OF INSPECTIONS AND MAINTENANCE ACTIONS
 - OBSERVATIONS OF DISCHARGE PERFORMANCE
 - CLEANING AND FLUSHING EVENTS
 - REPAIRS AND CONTRACTOR DETAILS

RECORDS MAY BE REQUESTED BY THE CITY OF LAUNCESTON OR COUNCIL PLUMBING PERMIT AUTHORITY TO VERIFY COMPLIANCE WITH THE APPROVED PLUMBING DESIGN AND MAINTENANCE OBLIGATIONS UNDER NCC VOLUME 3 PERFORMANCE REQUIREMENT BP1.2 (SURFACE WATER DRAINAGE).
4. **OWNER RESPONSIBILITIES**

THE PROPERTY OWNER IS RESPONSIBLE FOR:

 - ENSURING THAT ALL STORMWATER INFRASTRUCTURE—INCLUDING CHARGED PIPEWORK, ORIFICE OUTLETS, AND DETENTION TANKS—REMAINS IN FUNCTIONAL CONDITION.
 - ENGAGING QUALIFIED PERSONNEL FOR ALL MAINTENANCE AND REPAIR WORK.
 - COMPLYING WITH THE CITY OF LAUNCESTON'S STORMWATER BY-LAWS, APPROVED PLUMBING PERMIT CONDITIONS, AND THE TASMANIAN PLUMBING CODE.

FAILURE TO MAINTAIN THE SYSTEM IN WORKING ORDER MAY RESULT IN NON-COMPLIANCE WITH THE APPROVED PLUMBING PERMIT, LEADING TO ENFORCEMENT ACTION BY THE PLUMBING PERMIT AUTHORITY.

Check all dimensions on site before commencing work. Do not scale from drawing. © Copyright HED Consulting. Any discrepancies in the design documentation must be referred to the engineer prior to undertaking any procurement or construction.

NO:	REVISION:	DATE:	DRAWN:	DATE:	<p>Ground Floor, The Sandstone Building 1 Liverpool St, Hobart TASMANIA 7000</p> <p>phone (03) 6146 0334 e info@hed-consulting.com.au www .hed-consulting.com.au</p>	PROJECT: Proposed Dwelling At LOT 2, 2 CARTELA DR, NUBEENA	CLIENT: Wilson Homes	SCALE :	AT A3	JOB NO:	H3182	
			DESIGNED:	DATE:				DRAWING TITLE:	ISSUE :	CLC	SHEET :	4 of 4
			CHECKED:	DATE:				DRAINAGE DETAILS B	REV:	-	DATE :	05/12/2025
			APPROVED:	DATE:								
A	ISSUED FOR CLC	05/12/2025										

Development Application
 2 Cartela Drive, Nubeena
 New single storey dwelling development.

C2.6.1 Construction of parking areas

Objective: That parking areas are constructed to an appropriate standard .	
Acceptable Solutions	Performance Criteria
<p>A1 All parking, access ways, manoeuvring and circulation spaces must:</p> <p>(a) be constructed with a durable all weather pavement;</p> <p>(b) be drained to the public stormwater system, or contain stormwater on the site; and</p> <p>(c) excluding all uses in the Rural Zone, Agriculture Zone, Landscape Conservation Zone, Environmental Management Zone, Recreation Zone and Open Space Zone, be surfaced by a spray seal, asphalt, concrete, pavers or equivalent material to restrict abrasion from traffic and minimise entry of water to the pavement.</p>	<p>P1 All parking, access ways, manoeuvring and circulation spaces must be readily identifiable and constructed so that they are useable in all weather conditions, having regard to:</p> <p>(a) the nature of the use;</p> <p>(b) the topography of the land;</p> <p>(c) the drainage system available;</p> <p>(d) the likelihood of transporting sediment or debris from the site onto a road or public place;</p> <p>(e) the likelihood of generating dust; and</p> <p>(f) the nature of the proposed surfacing.</p>

- (a) The residence will primarily be used as a personal holiday home only, resulting in intermittent occupancy and low traffic volumes. Consequently, parking and access requirements will therefore be minimal but designed for safe and convenient use and what is a gently sloping allotment, which up to this point we have been parking on block as.
- (b) The site has a minimal slope from the roadway. The existing entry point for driveway alignment ensures safe access while minimising earthworks, maintaining stability and reducing environmental impact.
- (c) There is no public drainage system available, other than a roadside table drain located on the adjoining nature strip. The proposed driveway can be finished with a two-coat spray seal FCR base and will be graded to slope away from the roadway to a grated channel and pit directed to onsite stormwater trenches.
- (d) The driveway will be constructed using compacted gravel or similar stable material to minimise sediment transport. Appropriate measures will be taken during construction to prevent debris from entering the sealed road or public spaces.
- (e) The proposed FCR driveway can be treated with a two-coat spray seal to prevent dust generating from use and deterioration.
- (f) As mentioned above, FCR driveway can be treated with a two-coat spray seal to prevent deterioration and maintain stability for all-weather access.