

Bushfire Attack Level (BAL) Certificate



In accordance with the provisions of clause 3.4 of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 or, in accordance with Section 4.14(1)(b) of the Environmental Planning and Assessment Act 1979. This Certificate is to serve as notification that the part of the land on which the subject development is to be carried out and any associated access way is not in bush fire attack level – 40 (BAL-40) or the flame zone (BAL-FZ)

CLIENT DETAILS:	Steve Standish E: betaconcreting@icloud.com P: 0431347808
SITE ADDRESS:	2 Worimi Place, Boomerang Beach NSW 2428
DESCRIPTION OF PROPOSAL:	Proposed Dwelling, garage and studio. Refer to Attachment 1 for proposed site plans.
PLAN REFERENCES AND REPORTS: (Relied upon in report preparation)	Site plans supplied by client (Attachment 1).
VEGETATION AND SLOPE ASSESSMENT	Forest vegetation occurs to the North over flat ground and at a distance of >66m from the proposed development. Forest vegetation occurs to the South over flat ground and at a distance of >66m from the proposed development. Refer to Figure 2-1 for site location.
BAL RATING:	The proposed development has been assessed as BAL-12.5 in accordance with Table A1.12.6 of PBP 2019. To Note: The construction requirements for the next lower BAL than that determined for the site may be applied to an elevation of the building where the elevation is not exposed to the source of the bushfire attack. An elevation is deemed to be not exposed to the source of bushfire attack if all the straight lines between that elevation and the source of bushfire attack are obstructed by another part of the building. However, this does not apply to BAL-12.5
COMPLYING DEVELOPMENT CHECKLIST	Refer to Attachment 2 for compliance with development standards.
DOES THE PROPOSAL RELY ON ALTERNATE SOLUTIONS?	YES ☒ NO ☐ (Circle the relevant response) (If YES , the application is to be referred to NSW RFS for assessment.)

Firebird ecoSultants Pty Ltd

Level 3/6 Bolton Street, Newcastle NSW 2300

PO Box 354, Newcastle NSW 2300

P: 02 4910 3939

M: 0414 465 990

E: sarah@firebirdco.com.au

Note: this certificate must be completed and signed by a person recognized by the NSW Rural Fire Service as a qualified consultant in bush fire risk assessment



Firebird ecoSultants Pty Ltd
ABN-16 105 985 993

General Recommendations:

- The areas of the site not built on should be managed as an Inner Protection Area (IPA) in accordance with the NSW RFS document 'Standards for Asset Protection Zones' and Appendix 4 of PBP.
- Home owners should prepare a Bush Fire Survival Plan refer to the RFS Website http://www.rfs.nsw.gov.au/file_system/attachments/Attachment_BushFireSurvivalPlan.pdf.

I Sarah Jones of Firebird ecoSultants Pty Ltd
(Print Name) (Trading or Company Name)

have carried out a bushfire risk assessment on the above-mentioned proposal and property.

REPORT REFERENCE:	Boomerang Beach – Steve Standish
REPORT DATE:	25 th October 2024
REPORT EXPIRY DATE:	25 th October 2025
CERTIFICATE NO / ACCREDITED SCHEME:	FPA - BPAD – A – Certified Practitioner (BPD-26512)

I hereby certify, in accordance with Section 4.14 of the *Environmental Planning and Assessment Act 1979*:

1. That I am a person recognised by the *NSW Rural Fire Service* as a qualified consultant in bushfire risk assessment.
2. The development conforms to the relevant specifications and requirements, that being; Planning for Bushfire Protection 2019 and AS3959 - 2018 NSW Variation

** In accordance with the provisions of Clause 3.4 of the State Environmental Planning Policy (Exempt and Complying Development Codes) 2008 this Certificate is to serve as notification that the part of the land on which the subject development is to be carried out and any associated access way is not in bush fire attack level – 40 (BAL-40) or the flame zone (BAL-FZ) or I certify the development conforms to the relevant specifications and requirements of Planning for Bushfire Protection 2019"*

SIGNATURE:



DATE: 25th October 2024

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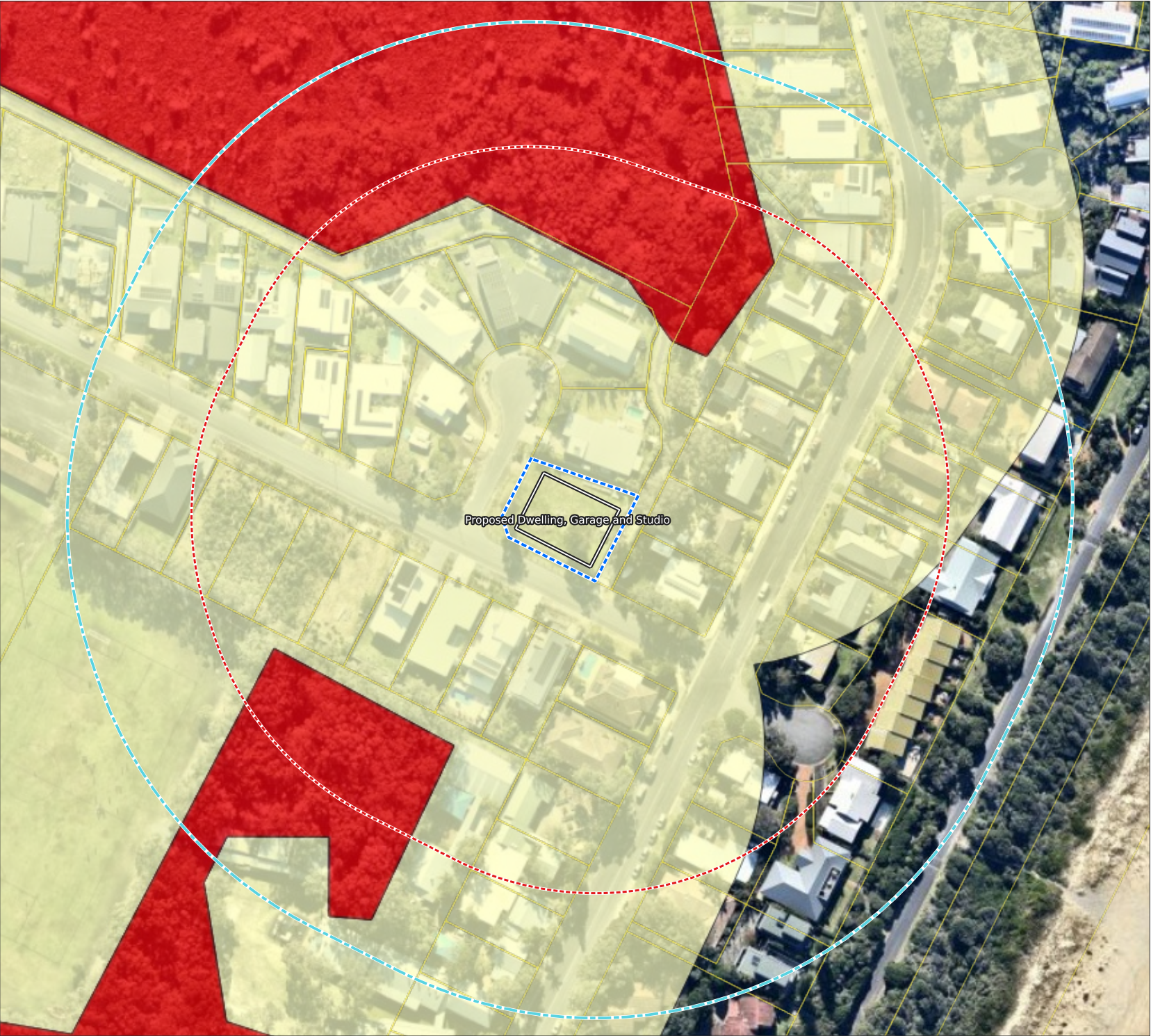
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Legend

- Building Outline
- Subject Land
- Assessment Area
 - 100m
 - 140m
- Cadastral
- Bushfire Prone Land
 - Vegetation Category 1
 - Vegetation Buffer

Scale 1:1,300



0 40 80 m

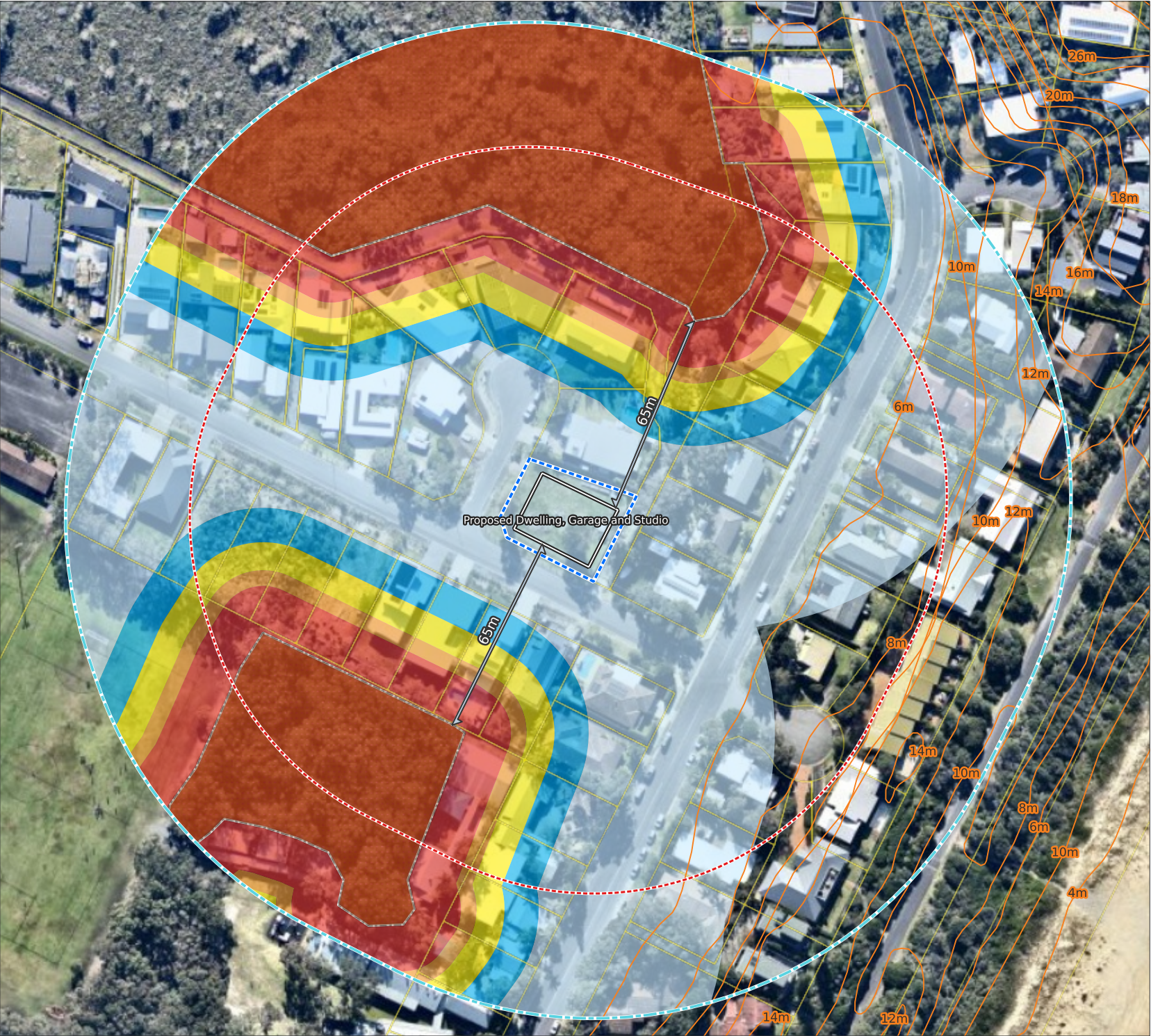


Client: Steve Standish

Project: 2 Worimi Place, Boomerang Beach NSW 2428

Figure 1-1: Bushfire Prone Land

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Legend

Line Distance

Building Outline

Subject Land

Assessment Area

100m

140m

Classified Vegetation

Forest (wet and dry sclerophyll) ect.

Elevation Contours

Cadastre

BAL Contours

BAL FZ

BAL 40

BAL 29

BAL 19

BAL 12.5

Scale 1:1,300



0 40 80 m



Client: Steve Standish

Project: 2 Worimi Place, Boomerang Beach NSW 2428

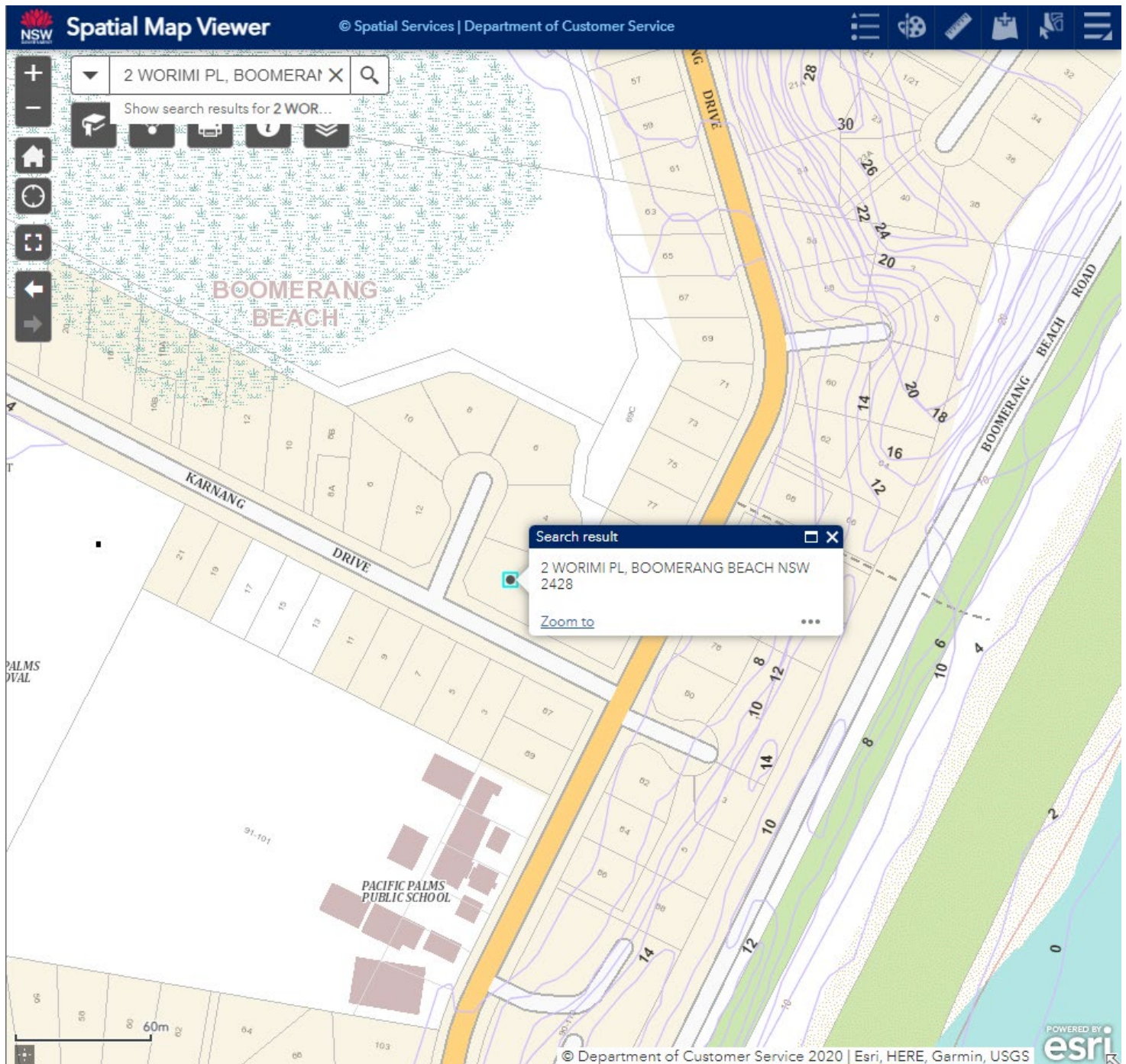
Figure 2-1: Vegetation Map

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Figure 3-1: Slope



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Attachment 1 – Site Plans

Firebird ecoSultants Pty Ltd

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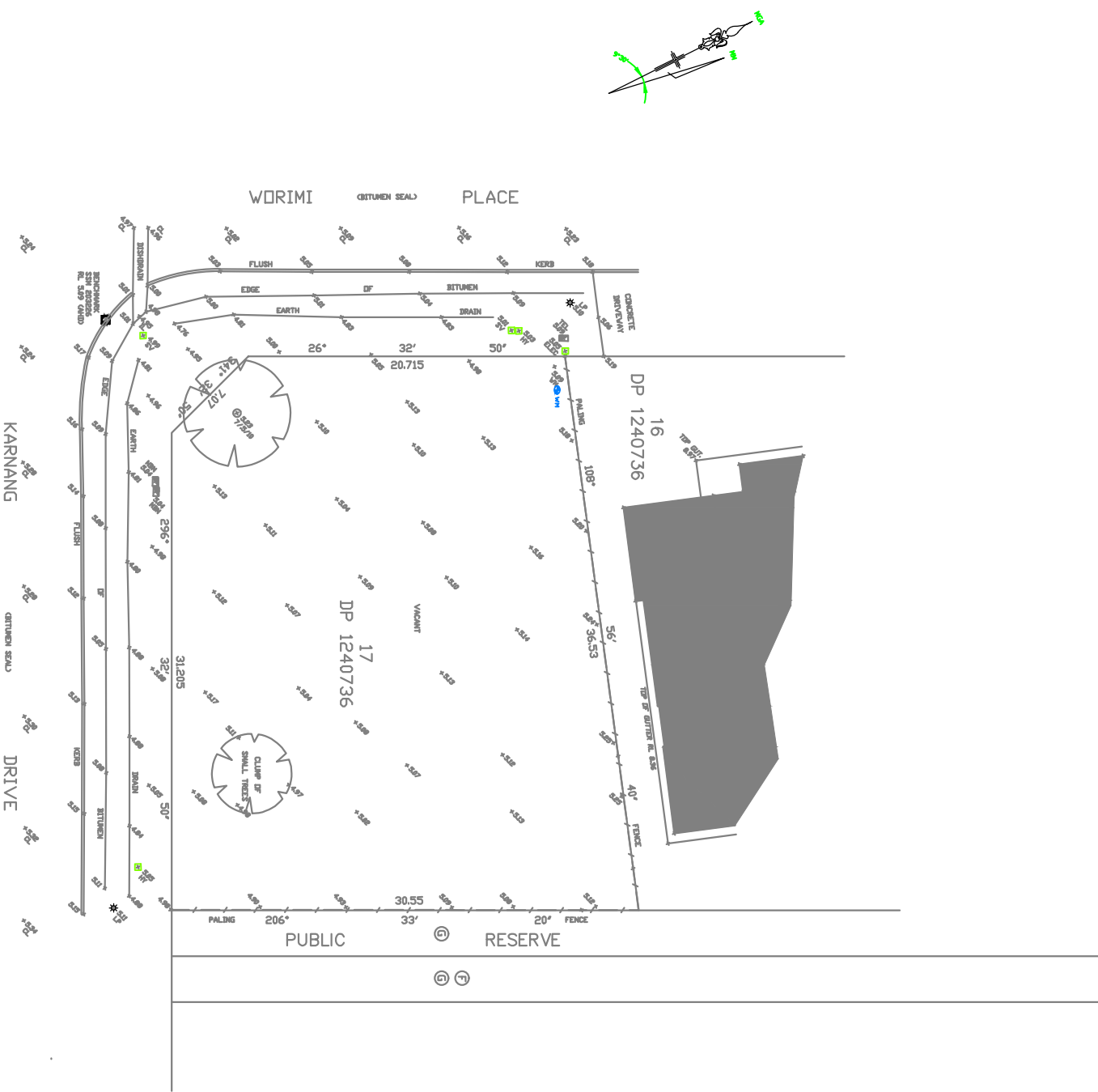
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PROPOSED RESIDENTIAL DEVELOPMENT

AT

2 WORIMI PLACE, BOOMERANG BEACH

COMPLYING DEVELOPMENT DRAWINGS
'BAL 29'



SURVEY PLAN
1:100-A1, 1:200-A3



LOCATION MAP
N T S

DRAWING SCHEDULE

SHEET 1	COVER SHEET & SITE INFORMATION
SHEET 2	SITE ANALYSIS PLAN
SHEET 3	FLOOR PLAN
SHEET 4	ROOF PLAN
SHEET 5	ELEVATIONS
SHEET 6	ELEVATIONS
SHEET 7	ELEVATIONS
SHEET 8	TYPICAL SECTION BASIX COMMITMENTS
SHEET 9	CONCRETE SET OUT PLAN



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PROPOSED RESIDENCE - COMPLYING DEVELOPMENT APPLICATION

1. CDC ISSUE -5.8.24
2. CDC ISSUE -22.8.24

CLIENT:
STANDISH

LOCATION:
2 WORIMI PLACE
BOOMERANG BEACH

DWG No: 2024022
DESIGN :BY OWNER
DATE : FEB 2024
SCALE : REFER PLAN

SHEET:

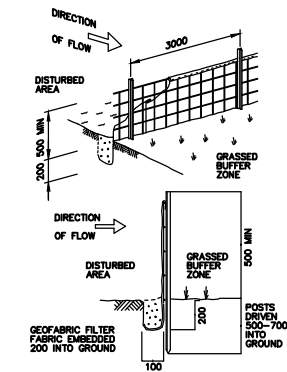
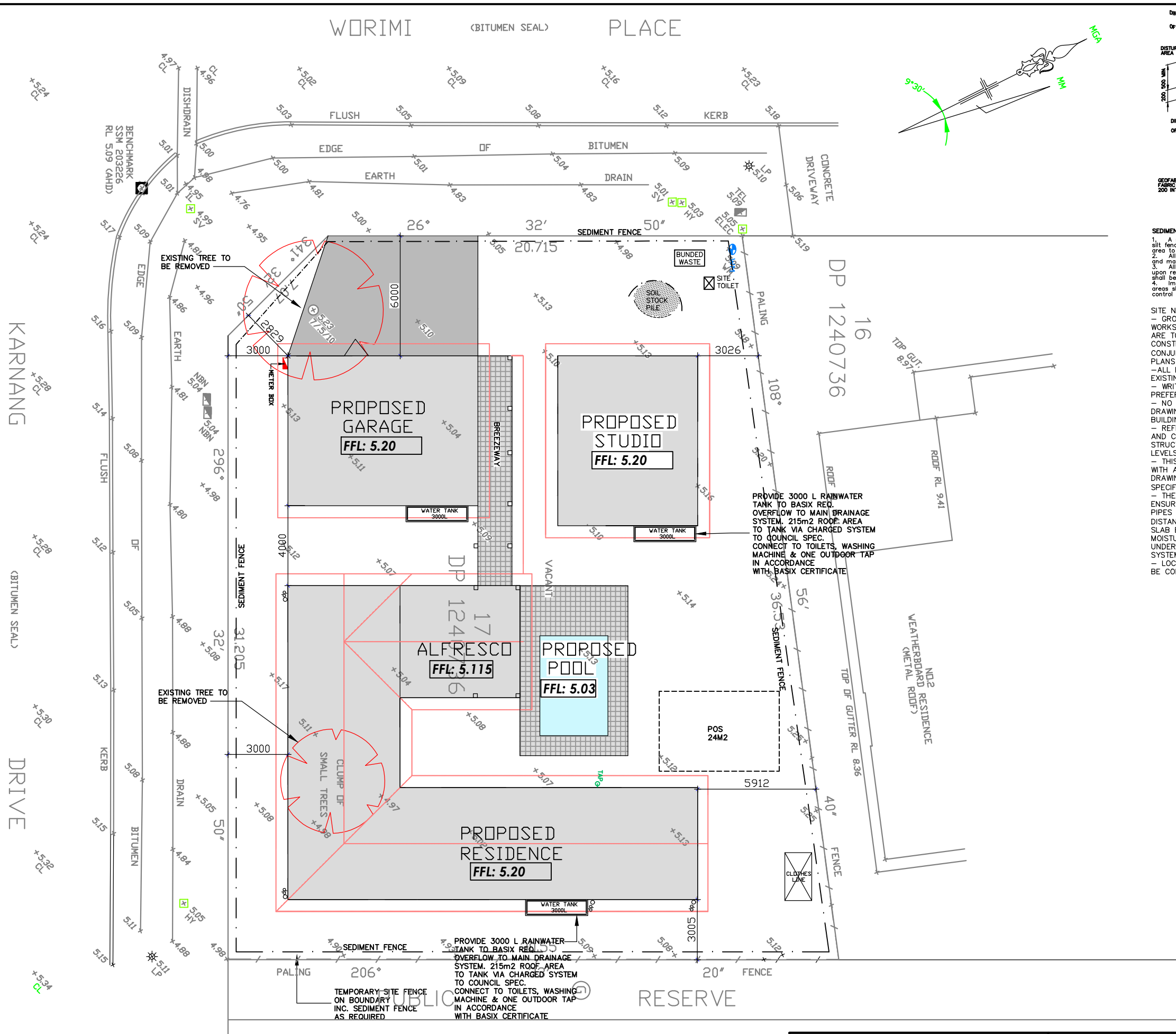
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9

WORIMI PLACE

(BITUMEN SEAL)

PLACE



SEDIMENT FENCE

NTS

SEDIMENT CONTROL NOTES

1. A siltation control device such as a geofabric lined silt fence shall be erected downslope from any disturbed area to prevent contaminated runoff from leaving the site.
2. All sediment control structures shall be inspected and maintained daily.
3. All sediment retaining structures shall be cleaned upon reaching a maximum 50% capacity. Removed sediment shall be spread within disturbed areas on site.
4. Immediately following completion of works all exposed areas shall be stabilised by turfing or mulching. Sediment control shall be maintained until ground cover is established.

SITE NOTES:

- GROUND LEVELS, FINISHED FLOOR LEVELS, SITE WORKS AND RETAINING ARE INDICATIVE ONLY AND ARE TO BE CONFIRMED ON SITE PRIOR TO CONSTRUCTION. SITE PLANS ARE TO BE READ IN CONJUNCTION WITH ANY SURVEY/ENGINEERING PLANS AVAILABLE.
- ALL DIMENSIONS ARE TO BE CHECKED WITH EXISTING AND PROPOSED SITE CONDITIONS.
- WRITTEN DIMENSIONS TO BE TAKEN IN PREFERENCE TO SCALED
- NO VARIATION MAY BE MADE TO THESE DRAWINGS WITHOUT THE PRIOR APPROVAL OF THE BUILDING DESIGNER
- REFER TO ENGINEERS DESIGN, DOCUMENTATION AND CALCULATION FOR DETAILS ON SLAB, FOOTINGS, STRUCTURE, RETAINING WALLS, FINISHED FLOOR LEVELS, SITEWORKS AND STORMWATER DETAILS.
- THIS DRAWING IS TO BE READ IN CONJUNCTION WITH ALL OTHER DRAWINGS SHEETS, CONSULTANTS DRAWINGS, DOCUMENTS, SCHEDULES AND SPECIFICATIONS (AS APPLICABLE).
- THE BUILDER AND SUBCONTRACTOR SHALL ENSURE THAT ALL STORMWATER DRAINS, SEWER PIPES AND THE LIKE ARE LOCATED AT A SUFFICIENT DISTANCE FROM ANY BUILDINGS FOOTING AND/OR SLAB EDGE BEAMS SO AS TO PREVENT GENERAL MOISTURE PENETRATION, DAMPNESS, WEAKENING & UNDERMINING OF ANY BUILDING AND ITS FOOTING SYSTEM.
- LOCATION OF ALL EXISTING ONSITE SERVICES TO BE CONFIRMED ONSITE PRIOR TO CONSTRUCTION

SITE SPECIFIC NOTES

1. NO CLEARING REQUIRED
2. 0.5m NOM CUT/0.5m NOM FILL
3. NO WATERWAYS OR WATERCOURSES ACROSS SITE.
4. 2 X TREE TO BE REMOVED WITHIN THE CONSTRUCTION ZONE
5. NEW GUTTERS AND DOWNPIPES TO BE CONNECTED TO COUNCIL'S STORMWATER DRAINAGE SYSTEM. REFER PLAN
5. SEWER TO BE CONNECTED TO EXISTING SYSTEM/I.O
6. SEDIMENT CONTROL TO BE IN ACCORDANCE WITH COUNCIL'S EROSION & SEDIMENT CONTROL REQUIREMENTS
7. ANY DEMOLISHED MATERIALS TO BE REMOVED IN ACCORDANCE WITH COUNCIL'S WASTE MANAGEMENT PLAN
8. STATEMENT OF ENVIRONMENTAL EFFECTS
9. ENERGY ASSESSMENT
10. BASIX REQUIREMENTS

CDC NOTES:

LOT CATEGORY: 900-1500m2
SITE AREA 1006 m²
DWELLING 348.9 m² (49%) - 40% MAX
FLOOR AREA 348.9 m² - 402.40 MAX
STREET SETBACK 6.0m AVERAGE SETBACK
PRIVATE OPEN SPACE P.O.S 24m² MIN
LANDSCAPE AREA > 5%
PROPOSAL MEETS COMPLYING DEVELOPMENT GUIDELINES

SITE CALCULATIONS

AREAS

G/F DWELLING	170.6 m ²
BREEZEWAY	19.50 m ²
ALFRESCO	33.60 m ²
GARAGE	71.00 m ²
DRIVEWAY	51 m ²
STUDIO	60 m ²
SITE AREA	1006 m ²

BUILT UPON AREA

SITE AREA	1006 m ²
FOOTPRINT (DWELLING)	294.7 m ²
DRIVEWAY	51 m ²
SWIMMING POOL	60.0 m ²
STUDIO	60.0 m ²
B.U.A.	46 %

NEW CONSTRUCTION SHALL COMPLY WITH AUSTRALIAN STANDARD AS 3959-2018 FOR CONSTRUCTION OF BUILDINGS IN BUSHFIRE PRONE AREAS 'BAL 29'. CONSTRUCTION TO BE IN ACCORDANCE WITH AS 3959 -2018 AND PLANNING FOR BUSHFIRE PROTECTION 2019.

SITE ANALYSIS PLAN

1:100-A1, 1:200-A3



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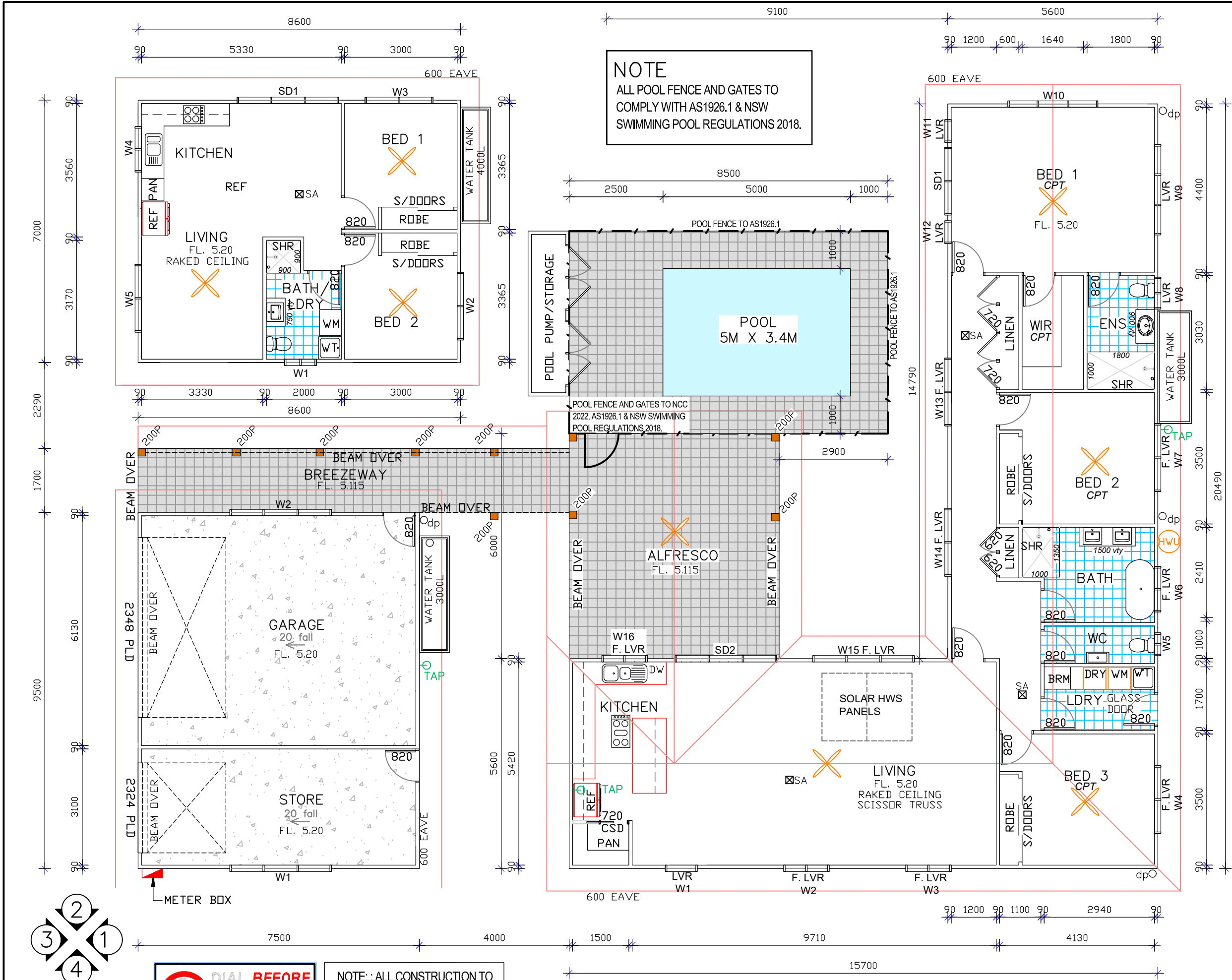
1. CDC ISSUE -5.8.24
2. CDC ISSUE -22.8.24

CLIENT:
STANDISH

LOCATION:
2 WORIMI PLACE
BOOMERANG BEACH

DWG No: 2024022
DESIGN :BY OWNER
DATE :FEB 2024
SCALE :REFER PLAN

SHEET:
2
9



NOTE
ALL POOL FENCE AND GATES TO
COMPLY WITH AS1926.1 & NSW
SWIMMING POOL REGULATIONS 2018.

LEGEND

SA DENOTES SMOKE ALARMS

NOTE: SMOKE ALARMS TO BE INSTALLED IN
ACCORDANCE WITH PART 3.7.5 OF THE N.C.C.
AND AS3786.

CEILING FAN TO BEDROOM AND LIVING
TO BASIX REQ.

DWELLING NOTES:

- TILE LAYOUT INDICATIVE ONLY.
- PROVIDE LIFT OFF HINGES TO WC
DOORS - TO NCC REQUIREMENTS.
- CONFIRM LEVEL ON SITE TO ALL
EXTERNAL DOORS IF STEP/S ARE
REQUIRED - TO COMPLY WITH NCC.
- 90MM TIMBER STUD WALL
THROUGHOUT
- CEILING HEIGHT THROUGHOUT 2740MM
- MECHANICAL VENTILATION TO WC AS
REQUIRED.
- ALL INTERNAL DOORS 2100MM HIGH
(UNO).
- NEW CONSTRUCTION SHALL COMPLY
WITH AUSTRALIAN STANDARD
AS3959-2018 FOR CONSTRUCTION OF
BUILDINGS IN BUSHFIRE PRONE AREAS
'BAL 29'.
- POOL FENCE AND GATES TO AS1926.1

Areas

LIVING:	170.6m ²
ALFRESCO:	33.60m ²
GARAGE:	71.00m ²
STUDIO:	60.00m ²
BREEZWAY:	19.50m ²
TOTAL AREA:	354.70m ²



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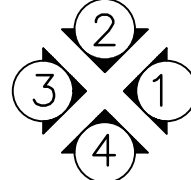
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CLIENT:
STANDISH

LOCATION:
**2 WORIMI PLACE
BOOMERANG BEACH**

DWG No: 2024022	SHEET:
DESIGN :BY OWNER	3
DATE : FEB 2024	9
SCALE : REFER PLAN	



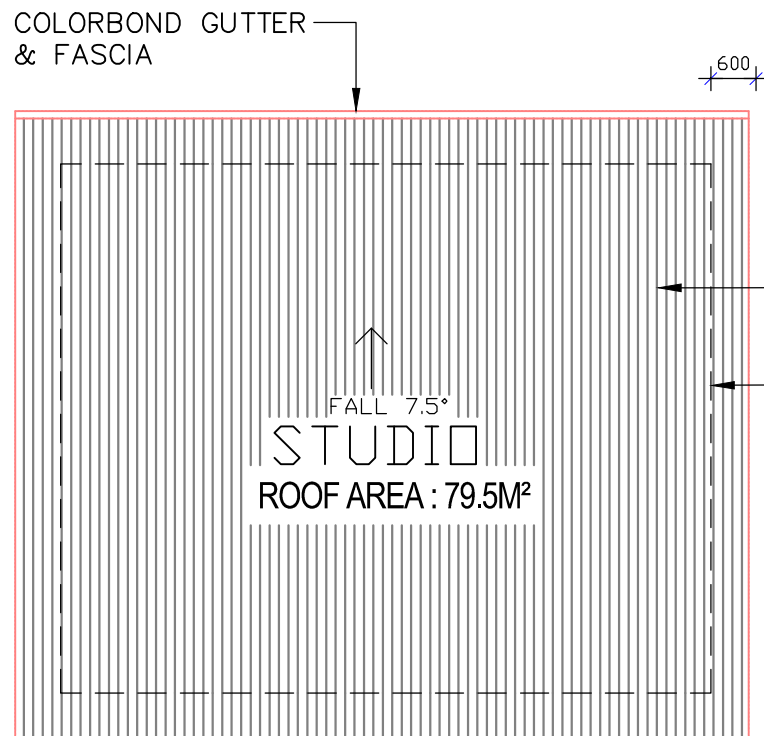
ELEVATION
KEY



NOTE: : ALL CONSTRUCTION TO
N.C.C. 2022 BCA VOL 2 AND
APPLICABLE STANDARDS.

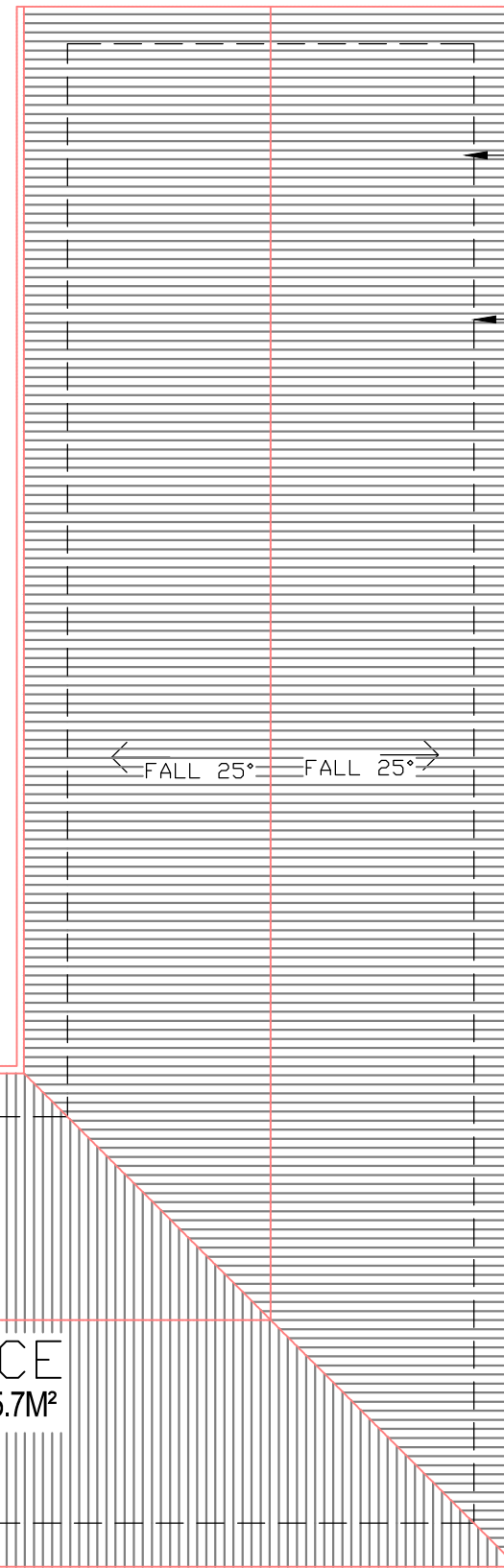
FLOOR PLAN

1:100–A3



COLORBOND ROOF @
7.5° PITCH

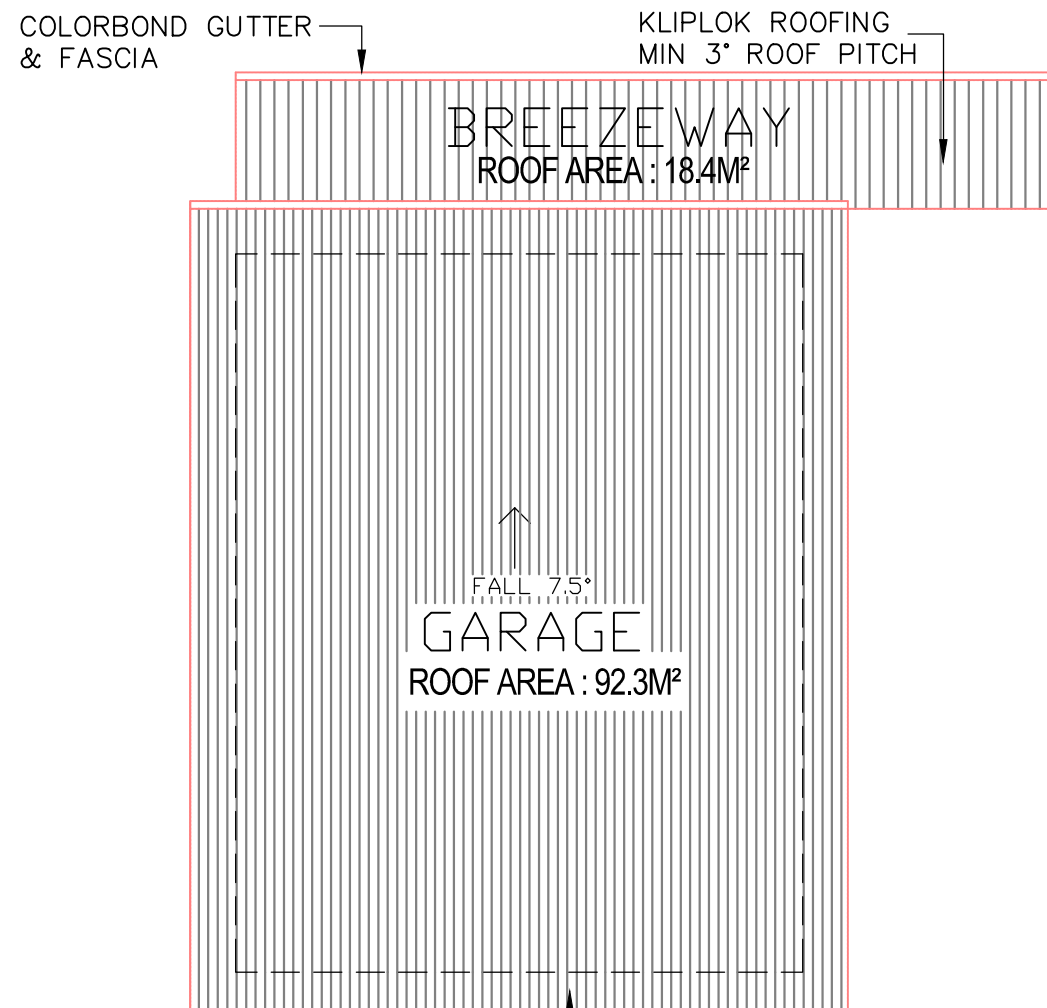
LINE OF BUILDING
UNDER



COLORBOND ROOF @
25° PITCH

COLORBOND GUTTER
& FASCIA

LINE OF BUILDING
UNDER



COLORBOND ROOF
@ 7.5° PITCH

BREEZEWAY
ROOF AREA : 18.4M²

GARAGE
ROOF AREA : 92.3M²

SOLAR HWS
PANELS

RESIDENCE
ROOF AREA : 255.7M²

ROOF PLAN

1:100—A3

Areas

RESIDENCE:	255.70m ²
GARAGE:	92.30m ²
STUDIO:	79.50m ²
BREEZEWAY:	18.40m ²
TOTAL AREA:	445.90m ²



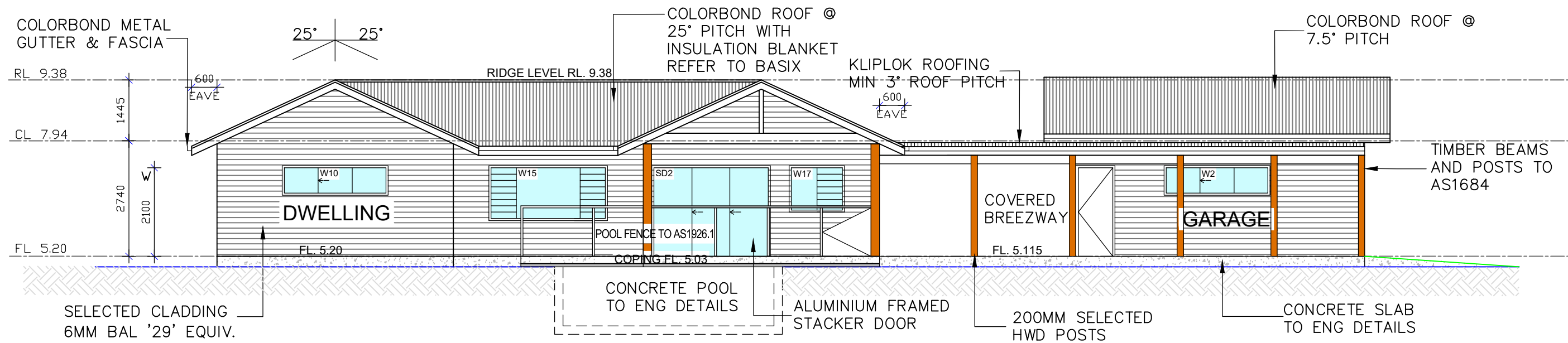
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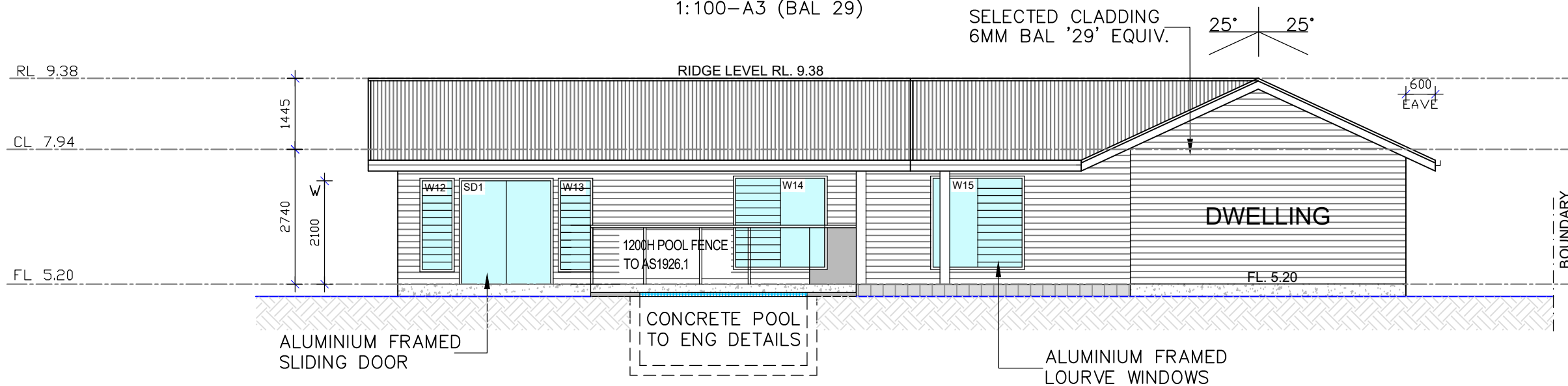
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DWG No: 2024022	SHEET:
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DATE : FEB 2024	9
SCALE : REFER PLAN	



2 NORTH ELEVATION

1:100-A3 (BAL 29)



3 WEST ELEVATION

1:100-A3 (BAL 29)

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NEW CONSTRUCTION SHALL COMPLY WITH AUSTRALIAN
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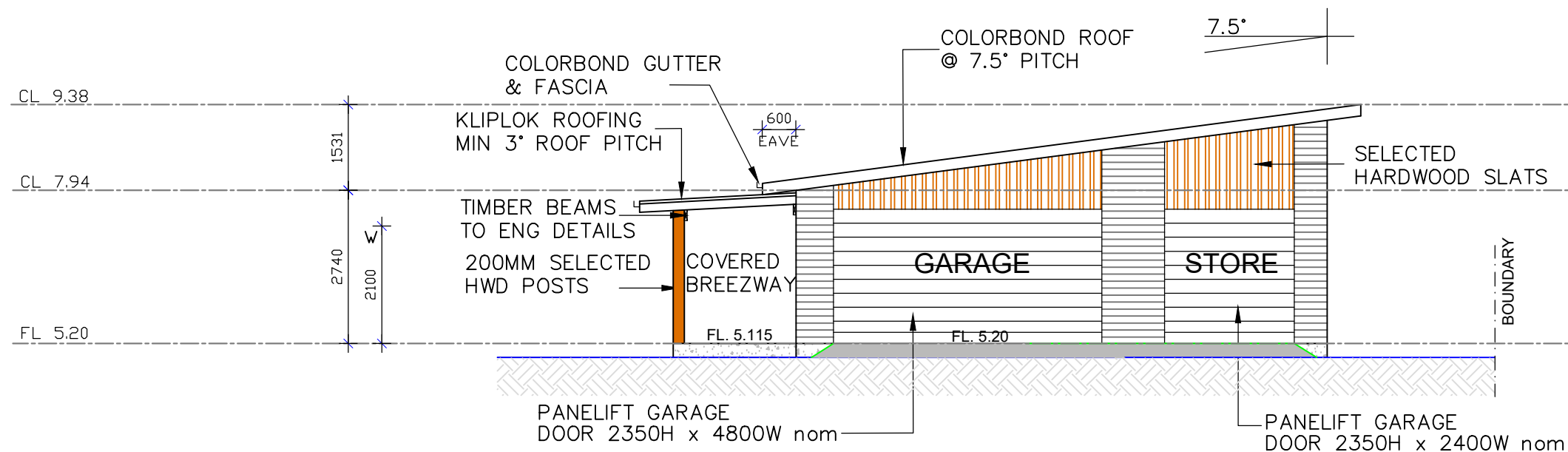
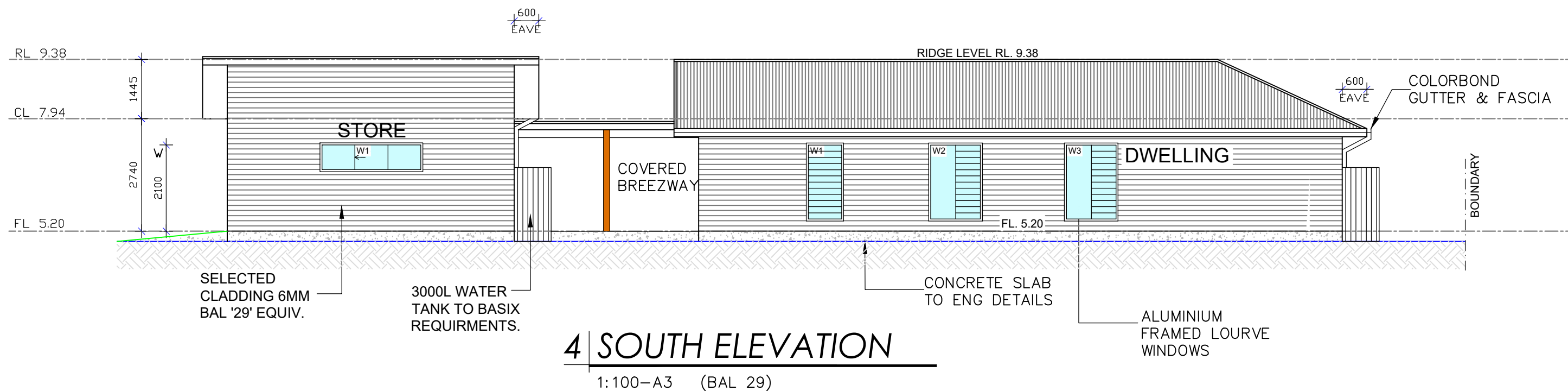
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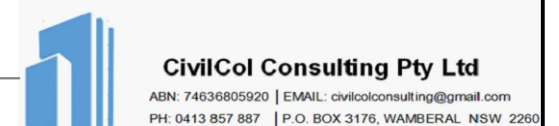
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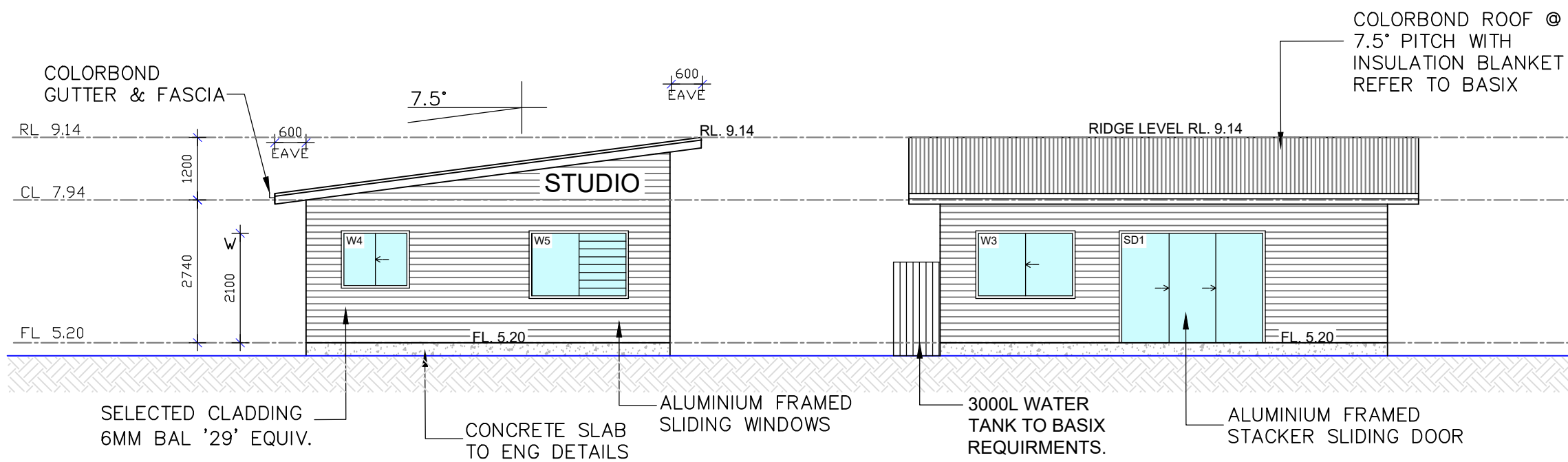
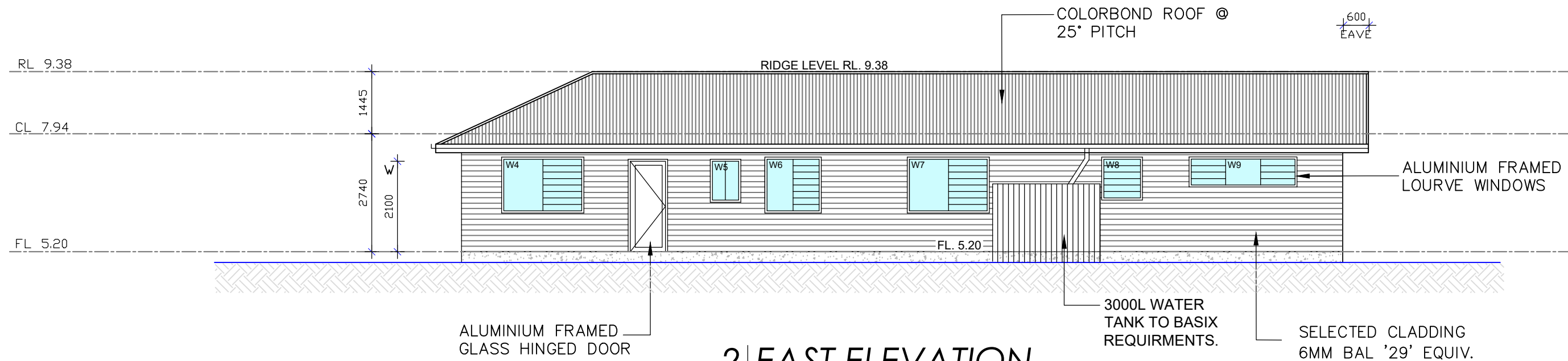


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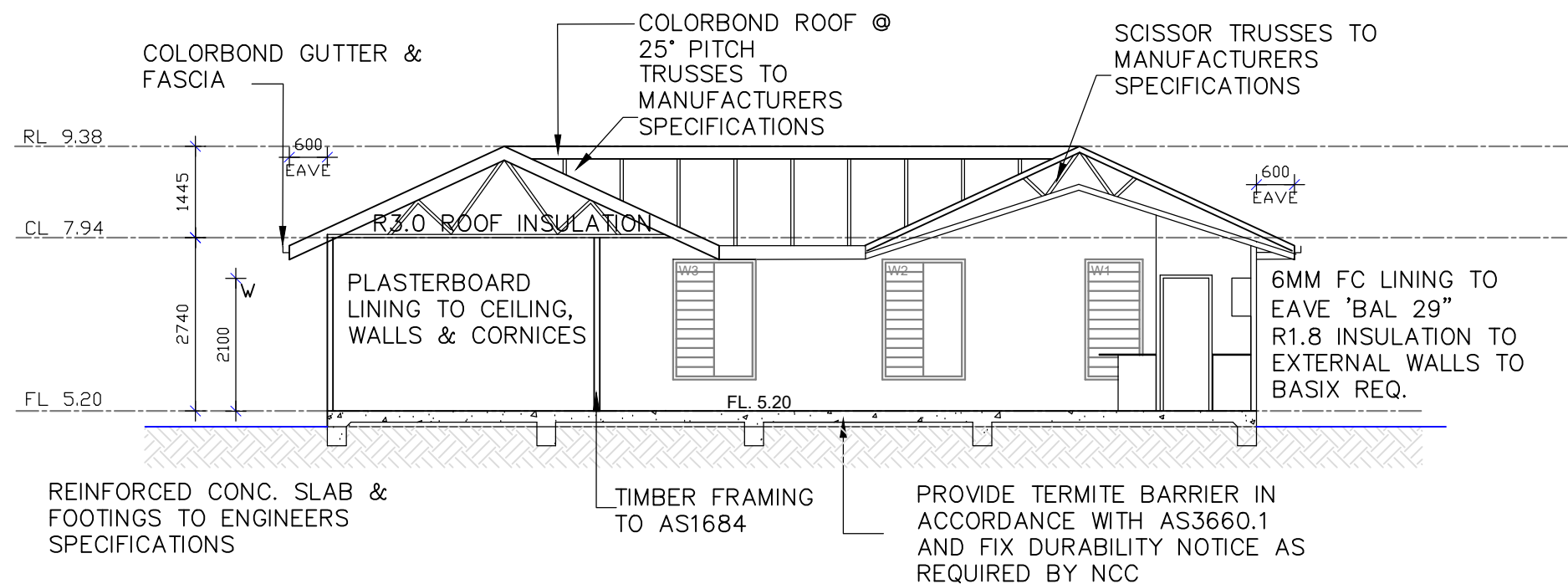
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IN ACCORDANCE WITH AS 3959 –2018 AND PLANNING FOR
BUSHFIRE PROTECTION 2019.



X-X TYPICAL SECTION

1:100-A3 (BAL 29)

NOTE:
FINAL INSULATION
REQUIREMENTS ARE SUBJECT
TO BASIX REPORT. BUILDER
TO CONFIRM DETAILS.

WINDOW SCHEDULE HOUSE 'BAL 29'

WINDOW NO	(h) SIZE (w)	TYPE	NO	AREA
W1	1800 x 850	Std Alu. Lourve	1	1.53m2
W2	1800 x 1210	Std Alu. Lourve	1	2.18m2
W3	1800 x 1210	Std Alu. Lourve	1	2.18m2
W4	1200 x 1810	Std Alu. Lourve	1	2.17m2
W5	0900 x 0610	Std Alu. Sliding	1	0.54m2
W6	1200 x 1210	Std Alu. Lourve	1	1.45m2
W7	1200 x 1810	Std Alu. Lourve	1	2.17m2
W8	0900 x 0850	Std Alu. Lourve	1	0.77m2
W9	0600 x 2410	Std Alu. Lourve	1	1.46m2
W10	0600 x 2410	Std Alu. Sliding	1	1.44m2
W11	1800 x 0600	Std Alu. Lourve	1	1.09m2
W12	1800 x 0600	Std Alu. Lourve	1	1.09m2
W13	1800 x 1810	Std Alu. Lourve	1	3.25m2
W14	1800 x 1810	Std Alu. Lourve	1	3.25m2
W15	1200 x 2710	Std Aluminium	1	3.25m2
W16	1000 x 1210	Std Aluminium	1	1.21m2
D1	2100 x 820	Std Aluminium Glass Hinged	1	1.75m2
SD1	2135 x 1810	Std Aluminium	1	3.80m2
SD2	2135 x 2710	Std Aluminium Stacker	1	5.78m2

WINDOW SCHEDULE STUDIO 'BAL 29'

WINDOW NO	(h) SIZE (w)	TYPE	NO	AREA
W1	900 x 850	Std Alu. Awning	1	0.76m2
W2	1200 x 1810	Std Alu. Awning	1	2.17m2
W3	1200 x 1810	Std Alu. Sliding	1	2.17m2
W4	1000 x 1210	Std Alu. Sliding	1	1.21m2
W5	1200 x 1810	Std Alu. Lourve	1	2.17m2
SD1	2100 x 2710	Std Alu. Sliding stacker	1	5.69m2

WINDOW SCHEDULE GARAGE 'BAL 29'

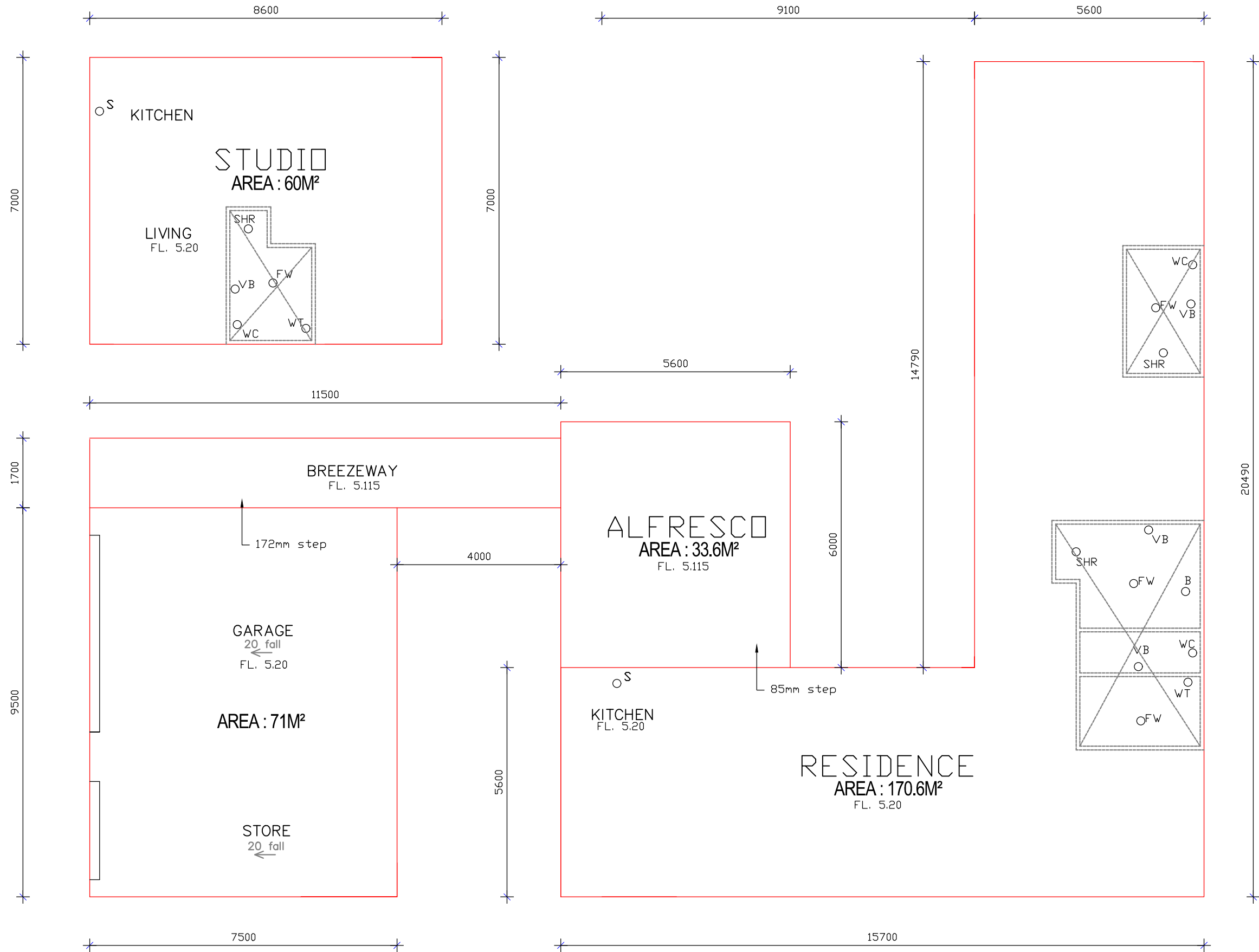
WINDOW NO	(h) SIZE (w)	TYPE	NO	AREA
W1	0600 x 2710	Std Alu. Sliding	1	1.63m2
W2	0600 x 2710	Std Alu. Sliding	1	1.63m2

GENERAL NOTES

- All Construction to NCC 2022 BCA Vol 2 and current Australian Standards.
- New construction shall comply with Australian Standard AS3959 - 2018 for construction of buildings in bushfire prone areas 'BAL 29'
- Builder to check all measurements prior to commencement of construction.
Written dimensions are to take precedence over scaled dimensions.
- All timber sizes and spans to comply with AS1684.
- All reinforced concrete and structural steel construction to be in accordance with engineering specification and details where required and AS2780.
- Glass installation must comply with AS1288 and be in accordance with the specified wind classification.
- All wet areas to comply with AS3740.
- Smoke alarms to be installed in accordance with parts 3.7.2.3 and 3.7.2.4 of the NCC 2022 and AS3786.
- Termite control to be installed in accordance with parts 3.1.3.3 and 3.1.3.4 of the NCC 2022.
- Masonry Construction to AS3700 and AS4773.
- All Plumbing, Gutters and Downpipes to AS/NZS 3500.
- Registered Surveyor to set out residence and confirm boundary alignments and levels.

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PH: 0413 857 887 | P.O. BOX 3176, WAMBERAL NSW 2260

1. CDC ISSUE –5.8.24	
2. CDC ISSUE –22.8.24	
CLIENT: STANDISH	
LOCATION: 2 WORIMI PLACE BOOMERANG BEACH	
DWG No: 2024022	SHEET:
DESIGN :BY OWNER	8 9
DATE : FEB 2024	
SCALE : REFER PLAN	



NOTE

- 50MM SETDOWN TO WET AREAS
- SEWER TO CONNECTED TO MAIN

Areas	
LIVING:	170.6m ²
ALFRESCO:	33.60m ²
GARAGE:	71.00m ²
STUDIO:	60.00m ²
BREEZEWAY:	19.50m ²
TOTAL AREA:	354.70m ²



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1. CDC ISSUE –5.8.24	
2. CDC ISSUE –22.8.24	
CLIENT: STANDISH	
LOCATION: 2 WORIMI PLACE BOOMERANG BEACH	
DWG No: 2024022	SHEET: 9/9
DESIGN :BY OWNER	
DATE : FEB 2024	
SCALE : REFER PLAN	

NOTE:: ALL CONSTRUCTION TO
N.C.C. 2022 BCA VOL 2 AND
APPLICABLE STANDARDS.

CONCRETE SET OUT PLAN
1:100–A3



Firebird ecoSultants Pty Ltd
ABN-16 105 985 993

Attachment 2 – Compliance with Development Standards

Development Standards	Proposal	Compliance
The development conforms to the specifications and requirements of the following that are relevant to the development: 1. PBP 2019; and 2. If another document is prescribed by the regulations for the purposes of Section 4.14 of the EP&A Act – that document.	The proposal complies with the relevant Bush Fire Protection Measures as outlined in PBP and the proposed development has been assessed as BAL-12.5	The proposed development has been assessed as BAL-12.5.
The part of the lot on which the development is to be carried out is not in bushfire attack level-40 (BAL-40) or the flame zone (BAL-FZ); and	The proposal does not occur on land that has been assessed as BAL-40 and BAL-FZ.	Complies
The lot has direct access to a public road or a road vested in or maintained by the council; and	The lot has direct access to the Public Road	Complies
A reticulated water supply is connected to the lot; and	The site is connected to reticulated water.	Complies – refer to Attachment 3.
A fire hydrant is located less than 70m from the location of the lot of the proposed development; and	A fire hydrant occurs within 70m of the lot	Complies – refer to Attachment 3 for hydrant placement.
A 10,000L water supply with 65mm metal Storz outlet with a gate or ball valve is provided for firefighting purposes on the lot (the gate or ball valve, pipes and tank penetrations are to be designed to allow for a full 50mm inner diameter water flow through the Storz fitting and must be of a metal construction). All above-ground water storage tanks shall be of concrete or metal.	N/A	N/A
Mains electricity is connected to the lot; and	The site is connected to electricity	Complies
Reticulated or bottled gas on the lot is installed and maintained in accordance with AS/NZS 1596:2008 The storage	Can Comply	Can comply

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PO Box 354, Newcastle NSW 2300

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M: 0414 465 990

E: sarah@firebirdco.com.au

Note: this certificate must be completed and signed by a person recognized by the NSW Rural Fire Service as a qualified consultant in bush fire risk assessment



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Development Standards	Proposal	Compliance
and handling of LP Gas and the requirements of relevant authorities (metal piping must be used); and		
Any gas cylinders on the lot that are within 10m of the dwelling house; i. Have the release valves directed away from the dwelling house; and ii. Are enclosed on the hazard side of the installation; and iii. Have metal connections to and from the cylinders; and iv. There are no polymer sheathed flexible gas supply lines to gas metres adjacent to the dwelling	Can comply	Can comply
The requirements of AS3959-2018 set out in the BCA also apply	Assessment in accordance with AS3959-2018 and PBP 2019 has concluded that the proposed development has been assessed as BAL-12.5	The proposed development has been assessed as BAL-12.5.

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Attachment 3 – Hydrant and Water Compliance

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Note: this certificate must be completed and signed by a person recognized by the NSW Rural Fire Service as a qualified consultant in bush fire risk assessment



Legend

*Refer to attached guide to
reading MidCoast Council Plans*



Scale: 1:2050
Expires: 22 Nov 2024

DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither MidCoast Council nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

0 10 20 30 40 m



Legend

*Refer to attached guide to
reading MidCoast Council Plans*

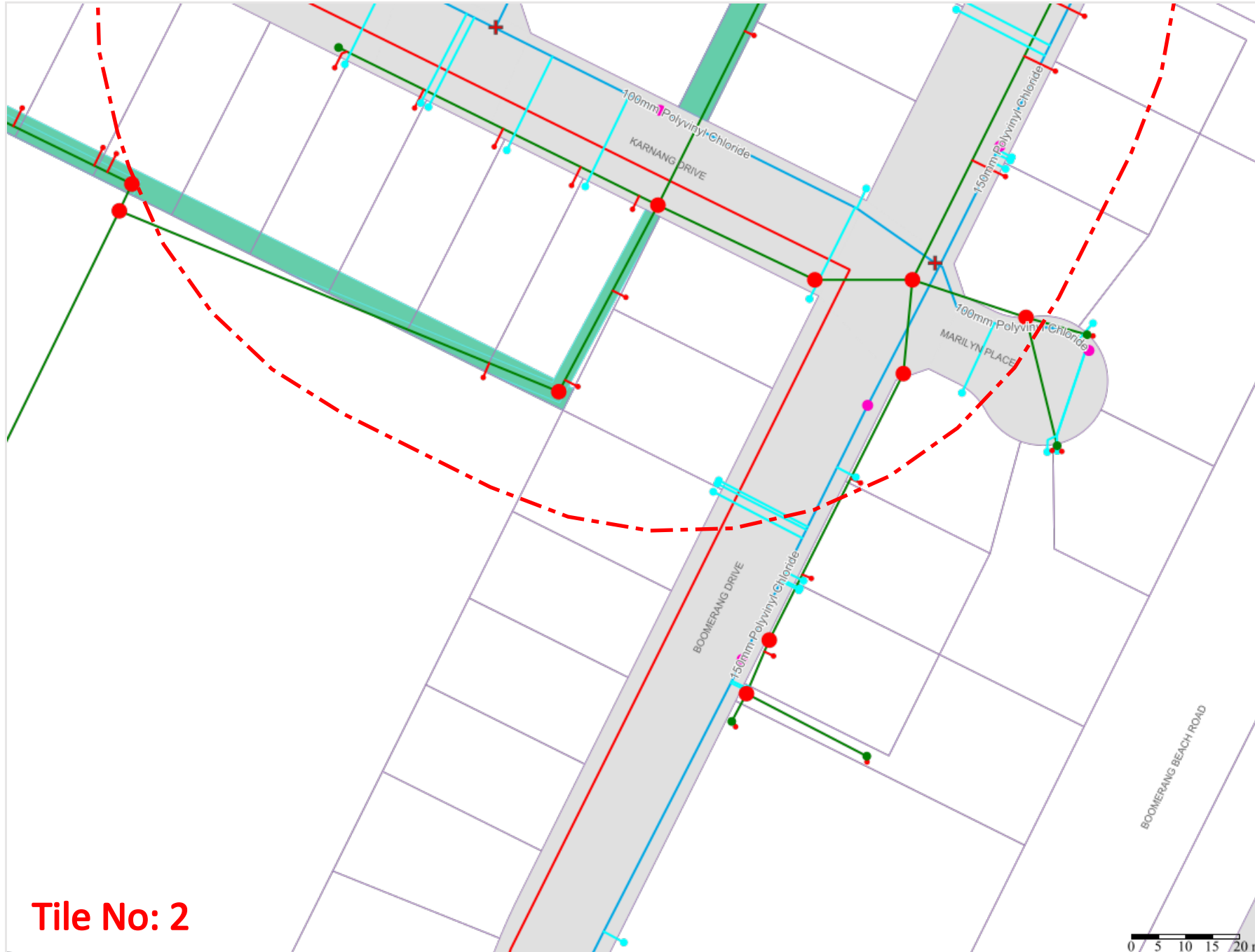


Scale: 1:1000
 Expires: 22 Nov 2024

DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither MidCoast Council nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.



Tile No: 1



Legend

*Refer to attached guide to
reading MidCoast Council Plans*



Scale: 1:1000
Expires: 22 Nov 2024

DISCLAIMER: While reasonable measures have been taken to ensure the accuracy of the information contained in this plan response, neither MidCoast Council nor PelicanCorp shall have any liability whatsoever in relation to any loss, damage, cost or expense arising from the use of this plan response or the information contained in it or the completeness or accuracy of such information. Use of such information is subject to and constitutes acceptance of these terms.

0 5 10 15 20 m

Tile No: 2

Guide to reading MidCoast Council

Before You Dig Australia Plans

This guide will help you understand our plans and what our services are.

Sewer

Manhole	
Service Connection	
Air Valve	
Check Valve	
Pressure Reducing Valve	
Reflux Valve	
Regulating Valve	
Scour Valve	
Vacuum Interface Valve	
Gate Valve - Open	
Gate Valve - Closed	
MidCoast Council Pump	
Private Pump	
Ventstack	
Flow Meter	
Treatment Plant	
Lateral Lines	
Relined Mains	
Gravity Main	
Overflow	
Vent Shaft	
Vacuum Main	
Rising Main	
Pressure Retic Main	
Asbestos Cement Pipes	
Boundary Kit	
End Cap	
Fitting	

Water

Service Connection	
Scour Valve	
Air Release Valve	
Pressure Reducing Valve	
Check Valve	
Backflow Preventer	
Penstock Valve	
Filling Station	
Gate Valve - Open	
Gate Valve - Closed	
Butterfly Valve	
Knife Gate Valve	
Hydrant	
Pump	
End Cap	
Taper	
Flow Meter	
Fitting	
Reservoir	
Tank	
Source	
MCC Lateral Lines	
Private Lines	
Distributor	
Reticulation	
High Pressure	
Internal	
Link	
Asbestos Cement	

If you have any questions regarding this Legend and its use, contact MidCoast Council Customer Service on (02) 7955 7777.

Disclaimer: This map is a schematic representation of data produced by a Geographical Information System (GIS) exclusively for employees of MidCoast Council, but may also be used by clients/customers to assist with the identification and provision of services subject to terms and conditions. No responsibility is accepted for the accuracy of the map or the data that it contains.

