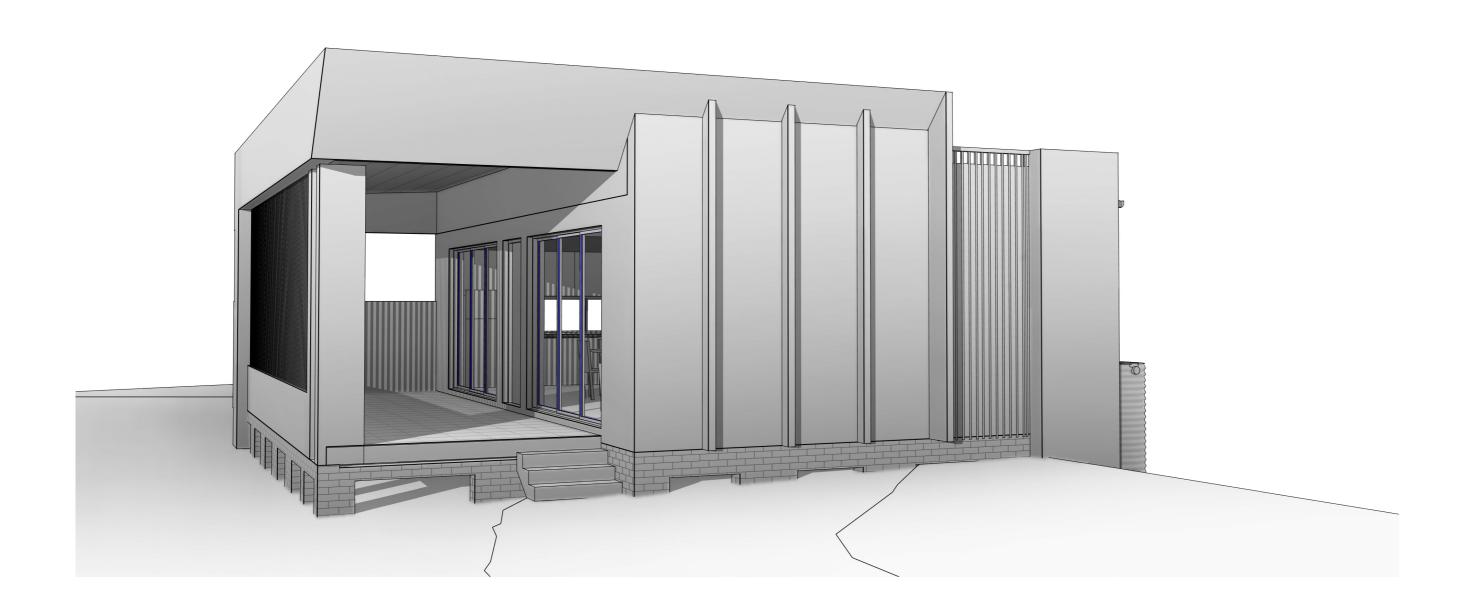
# PROPOSED SECONDARY DWELLING DEVELOPMENT AT 6 ALFRED ROAD, BROOKVALE



	PROJECT INFORMATION
SHEET No.	SHEET NAME
DA 000	COVER PAGE
DA 100	SPECIFICATIONS
DA 101	SITE PLAN ANALYSIS
DA 102	SITE PLAN
DA 200	GROUND FLOOR
DA 201	ROOF PLAN
DA 300	ELEVATIONS

	PROJECT INFORMATION
SHEET No.	SHEET NAME
DA 301	SECTION AND DOORS AND WINDOWS SCHEDULE
DA 400	SHADOW DIAGRAMS
DA 500	SCHEDULES OF FINISHES
DA 501	DEMOLITION PLAN
DA 600	CONCEPT LANDSCAPE PLANS
DA 700	BASIX COMMITMENT
DA 800	NOTIFICATIONS PLANS
Grand total: 1/	1

Grand total: 14



### PROPOSED SECONDARY DWELLING DEVELOPMENT

6 ALFRED ROAD, BROOKVALE

CLIENT DETAILS: PROJECT NO: 22154 MR. MINH **ISSUED FOR DA SUBMISSION** 

#### **GENERAL NOTES:**

Coordination Refer to and coordinate information contained in the architectural drawings, and the documentation of other consultants. Notify any discrepancies between the architectural and/or other consultants documentation prior

### **Specifications and Schedules**

to proceeding with the works.

Refer to and coordinate with applicable Specifications and Schedules. Notify any discrepancies between documents prior to proceeding with the works.

#### **Detail Drawings**

Drawings at larger scales take precedence over drawings at smaller scales, Notify any discrepancies prior to proceeding with the works.

#### **Execution of the works**

Execute the works in accordance and compliance with:

- -The approved Development Application and in accordance with the relevant Conditions of Consent and other relevant Local Authority requirements;
- -The requirements scheduled by a current BASIX Certificate consistent with the works.
- -The current edition of the Building Code of Australia (as amended); and -Current editions of the relevant Australian and other applicable published standards relevant to the execution of the works.

#### **Units of measurement**

Dimensions are shown in millimetres unless noted otherwise.

#### Materials handling and storage Material, fixtures and fittings are to be

handled, stored and installed in accordance with the Manufacturer's current written instructions.

#### Structure

Foundations, footings, reinforced concrete slabs, retaining walls, framing, bracing, tie-down and other structural elements are to be constructed in accordance with the Structural Engineer's details and specifications.

#### **Hydraulics**

Stormwater drainage, waste water drainage, fresh water, gas supply and other hydraulic services are to be constructed in accordance with Local Authority and Hydraulic Engineer's requirements.

#### **SPECIFICATION NOTES:**

General **Specifications** Execute the works in compliance with the relevant deemed-to-satisfy provisions of the Building Code of Australia (BCA) (Volume 2), current editions of relevant Australian and other applicable published Standards and the relevant requirements of Local and/or Statutory Authorities applicable to the execution of the works. This schedule of codes and standards outlines the minimum acceptable standards. Termite protection Provide termite protection: In accordance with Part 3.1.3 -Termite Risk Management of the BCA (Volume 2) and to AS 3660.1 (Termite management - New building work) Provide professional certification of the termite protection measures to the principal certifying authority, confirming compliance with the provisions of the BCA and Australian Standard. Flashing and damp-proof courses Flashings and damp-proof courses: To AS/NZS 2904 (Damp proof courses and

### <u>Fasteners</u>

flashings).

Steel nails: Hot-dip galvanised to AS/NZS 4680 (Hot-dip glavanised (zinc) coatings on fabricated ferrous articles). Self-drilling screws: To AS 3566.1 (Selfdrilling screws for the building and construction industries)

#### Metal finishes

Corrosion protection: To BCA Volume 2 clause 3.4.2.2 (Acceptable construction -Framing - Steel framing -General).

#### **Site Preparation**

Demolition Demolish existing structures as shown: To AS 2601 (Demolition of structures). **Earthworks** 

To be carried out in accordance with: The requirements of the Environmental Planning & Assessment Act 1979; Relevant conditions of the development consent; and the relevant requirements of Part 3.1.1 of the BCA (Volume 2). Stormwater drainage Part 3.1.2 of the BCA (Volume 2) and

AS/NZS 3500 (Part 3 - Stormwater drainage). AS/NZS 3500 (Part 5 - Domestic installations - Section 5 - stormwater

drainage).

Structural design For details of structural footings, slabs, framing and the like refer to structural engineering details, to be prepared by a qualified structural engineer. Structural design is to be in accordance with the relevant structural design manuals.

#### Site Classification

To be in accordance with Part 3.2.4 of the BCA (Volume 2) Structural design manuals AS 1170.1 (Dead and live loads and load combinations) AS 1170.2 (AS 4055 - Wind loads) AS 1170.4 (Earthquake loads) AS 1720.1 (Timber structures code) AS 2159 (Piling - design and installation) As 2327.1 (Composite structures) AS 3600 (Concrete structures) AS 4100 (Steel structures) Structural design certification Submit structural engineer's design certification, in accordance with Local Authority requirements, the Principal Certifying Authority prior to the commencement of works.

#### Concrete construction

Concrete structures generally: To AS 3600 (Concrete structures). Ground Slabs and footings: To AS 2870 (Residential slabs and footings -Construction). Ready mixed supply: To AS 1379 (Specification and supply of concrete). Footings and slabs Design and construct footings and slabs: In accordance with Part 3.2 of the BCA (Volume 2) and AS 2870 (Residential slabs and footings), AS 3600 (Concrete structures) and AS 2159 (Piling - Design and installation).

#### **Brick & block construction** (masonry)

Masonry construction: To be in accordance with Part 3.3 of the BCA (Volume 2) and to AS 3700 (Masonry structures). Masonry units: To AS/NZS 4455 (Masonry units and segmental pavers). Clay brick durability below damp-proof course: Use exposure

category to AS/NZS 4456.10 (Masonry units and segmental pavers - Methods of test -Determining resistance to salt attack) Appendix A (Salt attack resistance categories).

#### Galvanising

Galvanising mild steel components (including fasteners) to AS 1214 or AS/NZS 4680, as appropriate, where exposed to weather, embedded in masonry or in contact with chemically treated timber.

### **Wall Ties**

Wall tie type: To BCA Volume 2 clause 3.3.3.2 (Acceptable construction - Masonry - Masonry accessories - Wall ties) and AS/NZS 2699.1 (Built-in components for masonry construction -Wall ties); Nonseismic areas: Type A; Seismic areas: Type B. Wall tie spacing: To BCA Volume 2 Figure 3.3.3.1 (Typical brick ties spacings in cavity and veneer construction). Wall tie corrosion protection: To BCA Volume 2 Table 3.3.3.1 (Corrosion protection for wall Lintels generally: In accordance with Part 3.3.3.4 of the BCA (Volume 2).

#### **Timber & steel framed** construction

Sub-floor ventilation To be in accordance with Part 3.4.1 of the BCA (Volume 2) Timber wall, floor and roof framing Timber framing: To be in accordance with Part 3.4 of the BCA (Volume 2) and AS 1684.4 (Residential timberframed construction - Simplified -Non-cyclonic) or AS 1720.1 (Timber structures -Design methods). Steel framing and structural steel <u>members</u> Steel framing: to be in BCA (Volume 2). Acceptable

accordance with Part 3.4.2 of the construction practice (Part 3.4.2.1 of the BCA) and / or AS 4100 (Steel structures) Cold-formed steel framing: Provide a proprietary system designed to AS 3623 (Domestic metal framing).

#### Roof and wall cladding

Roof tiling To be in accordance with Parts 3.5.1.1 & 3.5.1.2 of the BCA (Volume 2) and AS 2049 (Roof tiles). Roof tile installation: To AS 2050 (Installation of roofing tiles). Metal roof sheeting To be in accordance with Parts 3.5.1.1 & 3.5.1.3 of the BCA (Volume 2). Metal roofing design and installation: To AS 1562.1 (Design and installation of sheet roof and wall cladding - Metal). Roof plumbing

To be in accordance with Part 3.5.2 of the BCA (Volume 2) and AS/NZS 3500 (Part 3 -Stormwater drainage) and AS/NZS 3500 (Part 5 - Domestic installation - section 5 stormwater drainage). Wall cladding To be in accordance with Part 3.5.3 of the BCA (Volume 2)

nstallation and sarking Bulk insulation: To AS/NZS 4859.1 (Materials for the thermal insulation of buildings - General criteria and technical provisions), Section 5. Reflective insulation: To AS/NZS 4859.1, Section 9. Sarking material: To AS/NZS 4200.1 (Pliable building materials and underlays - Materials).

#### Windows and doors

Glazing to be in accordance with Part 3.6 of the BCA (Volume 2). Glass Selection and installation: To AS 1288 (Glass in buildings -Selection and installation). Timber doorsets: To AS 2688 (Timber doors). Timber frames and jamb linings: To AS 2689 (Timber doorsets) Security screen doors and window grilles: To AS 5039 (Security screen doors and security window grilles). Window selection and installation: To AS 2047 (Windows in buildings -Selection and installation). Doorset installation: To AS 1909 (Installation of timber doorsets). Garage doors: To AS/NZS 4505 (Domestic garage doors).

#### Lining

Plasterboard: To AS/NZS 2588 (Gypsum plasterboard). Plasterboard installation: To AS/NZS 2589.1 (Gypsum linings in residential and light commercial construction -Application and finishing - Gypsum plasterboard) Level 4 finish. Fibre cement: To AS/NZS 2908.2 (Cellulose-cement products - Flat Sheets), Type B, Category 2.

Fibrous plaster products: To AS

2185 (Fibrous plaster products).

### Fire safety

Fire separation To be in accordance with Part 3.7.1 of the BCA (Volume 2).

Fire separation - Separating wall construction: Part 3.7.1.8 of the BCA (Volume 2). Fire separation - Roof lights: Part 3.7.1.10 of the BCA (Volume 2). Refer to architectural details of fire separation methods.

Smoke alarms To be in accordance with Part 3.7.2 of the BCA (Volume 2); and AS 3786 (Smoke alarms).

Health and amenity Wet areas Refer to "Waterproofing". Room heights To be in accordance with Part 3.8.2 of the BCA (Volume 2). Kitchen, sanitary and washing facilities To be in accordance with Parts 3.8.3.2 and 3.8.3.3 of the BCA (Volume 2). Natural and artificial light To be in accordance with Parts 3.8.4.2 and 3.8.4.3 of the BCA (Volume 2). <u>Ventilation</u> To be in accordance with Part 3.8.5 of the BCA (Volume 2). Natural Ventilation: Parts 3.8.5.2 and

#### Safe movement and access Stair construction

of the BCA (Volume 2).

Sound insulation

3.8.5.3 of the BCA (Volume 2).

Mechanical Ventilation: Parts 3.8.5.0

To be in accordance with Part 3.8.6.1

and 3.8.5.3 of the BCA (Volume 2).

To be in accordance with Part 3.9.1.1 of the BCA (Volume 2) - Acceptable construction practice. <u>Balustrades</u> To be in accordance with Part 3.9.2.1

of the BCA (Volume 2) - Acceptable construction practice.

#### **Block and tile finishes**

Ceramic tiling: Follow the guidance provided by AS 3958.1 (Ceramic tiles -Guide to the installation of ceramic tiles) and AS 3958.2 (Ceramic tiles -Guide to the selection of a ceramic tiling system). Adhesives: To AS 2358 (Adhesives -For fixing ceramic tiles).

### Waterproofing

To be in accordance with Part 3.8.1 of the BCA (Volume 2). Waterproofing: To AS 3740 (Waterproofing of wet areas in residential buildings). Refer to architectural details of waterproofing.

### Floor coatings and coverings

Carpeting: To AS/NZS 2455.1 (Textile floor coverings - Installation practice -General). Resilient finishes: To AS 1884 (Floor coverings - Resilient sheet and tiles -Laying and maintenance practices).

#### **Painting**

Painting generally: Follow the guidance provided by AS/NZS 2311 (Guide to the painting of buildings) and AS/NZS 2312 (Guide to the protection of structural steel against atmospheric corrosion by the use of protective coatings).

hydraulic consultant's, local or statutory authority's requirements take precedence over the following standards to the extent of the discrepancy. Plumbing and draining products: To SAA MP52 (Manual of authorization procedures for plumbing and drainage products) and AS/NZS 3718 (Water supply - Tap ware). Stormwater: To AS/NZS 3500.3 (Plumbing and Drainage -Stormwater drainage) or AS/NZS 3500.5 (National Plumbing and Drainage -Domestic installations). Wastewater: To AS/NZS 3500.2 (Plumbing and Drainage -Sanitary plumbing and drainage) or AS/NZS 3500.5. Freshwater: To AS/NZS 3500.1 (Plumbing and Drainage -Water services) and AS/NZS 3500.4 (Plumbing and Drainage - Heated water services) or AS/NZS 3500.5. Gas: To AS 5601 (Gas installation code).

Plumbing installations

Where a discrepancy arises the

#### **Electrical installations**

Where a discrepancy arrises the electrical consultant's, local or statutory authority's requirements take precedence over the following standards to the extent of the discrepancy. Electrical installation: To AS/NZS 3018 (Electrical installation - Domestic installations). Smoke Alarms: Refer to "Fire Safety, Smoke Alarms". Smoke alarm installation and testing: To AS 1670.1 (Fire detection, warning, control and intercom systems - System design, installation, and commissioning -Fire) in accordance with the requirements of the Building Code of Australia. Connect smoke alarms to mains power. Test electrical installations: To AS/NZS 3017 (Electrical installations - Testing guidelines). Certify compliance with AS/NZS 3018.

#### Mechanical installations Mechanical ventilation: To AS

1668.2 (The use of ventilation and airconditioning in buildings -Mechanical ventilation for acceptable indoor quality) - Grade 2 amenity.



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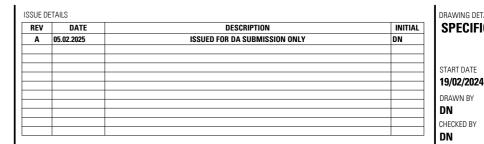
PROPOSED SECONDARY DWELLING DEVELOPMENT

6 ALFRED ROAD, BROOKVALE 22154

**NORTHERN BEACHES COUNCIL** 

PROJECT STATUS: **ISSUED FOR DA SUBMISSION** 

CLIENT DETAILS:



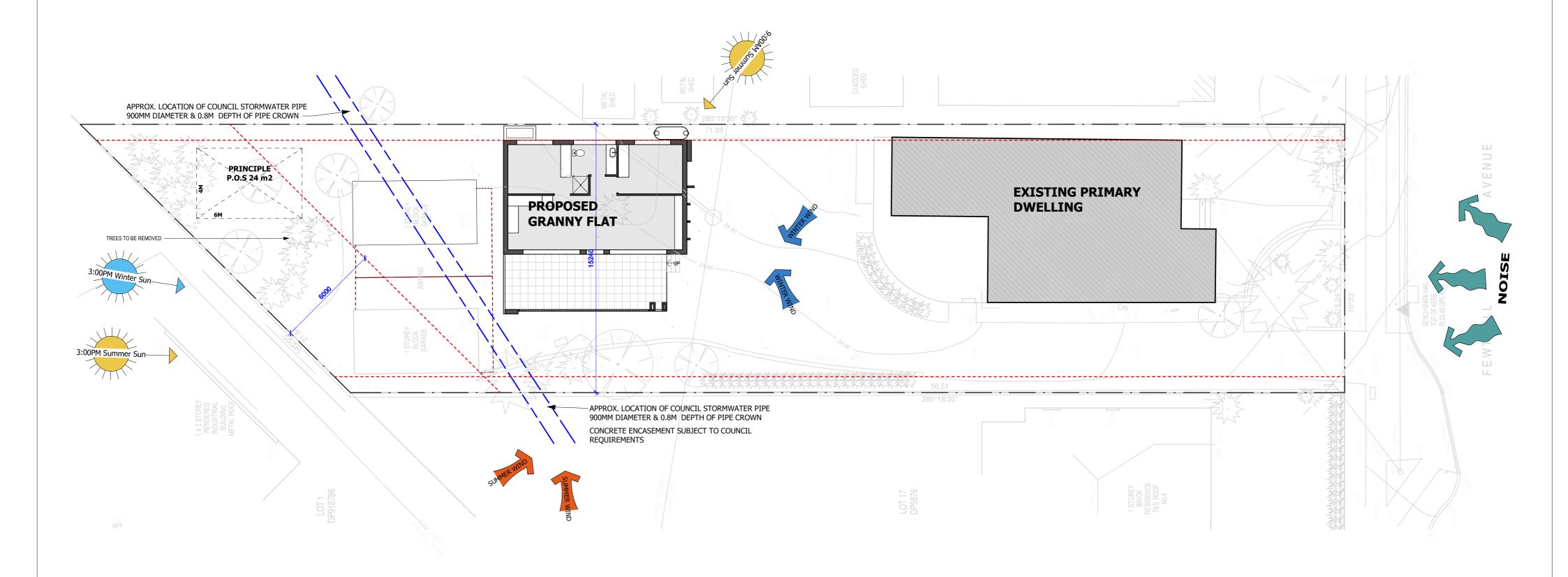
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### SITE ANALYSIS

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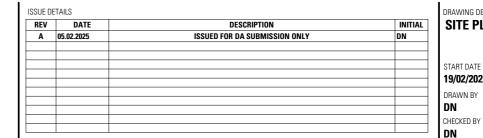
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PROJECT STATUS:
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CLIENT DETAILS: MR. MINH

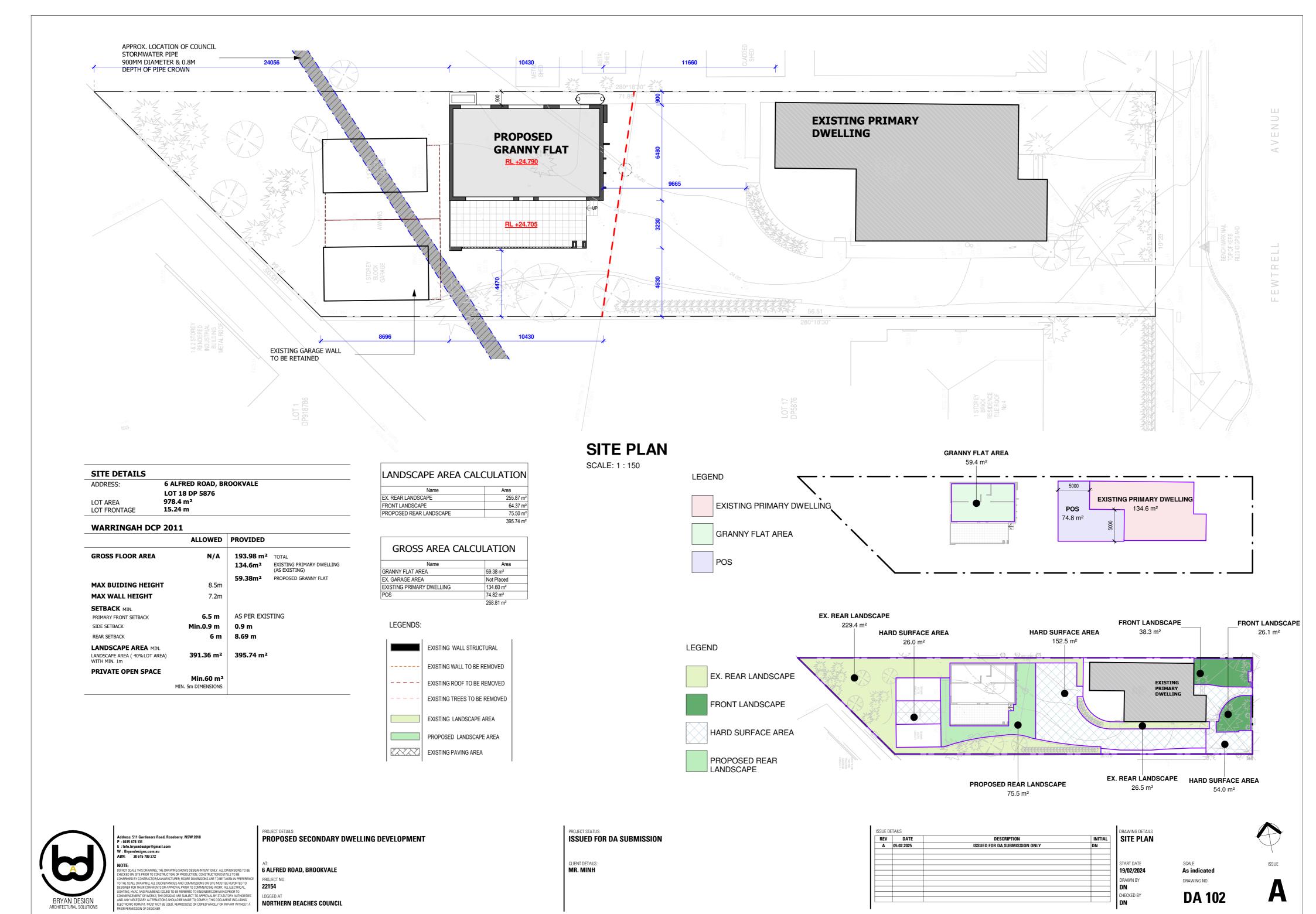


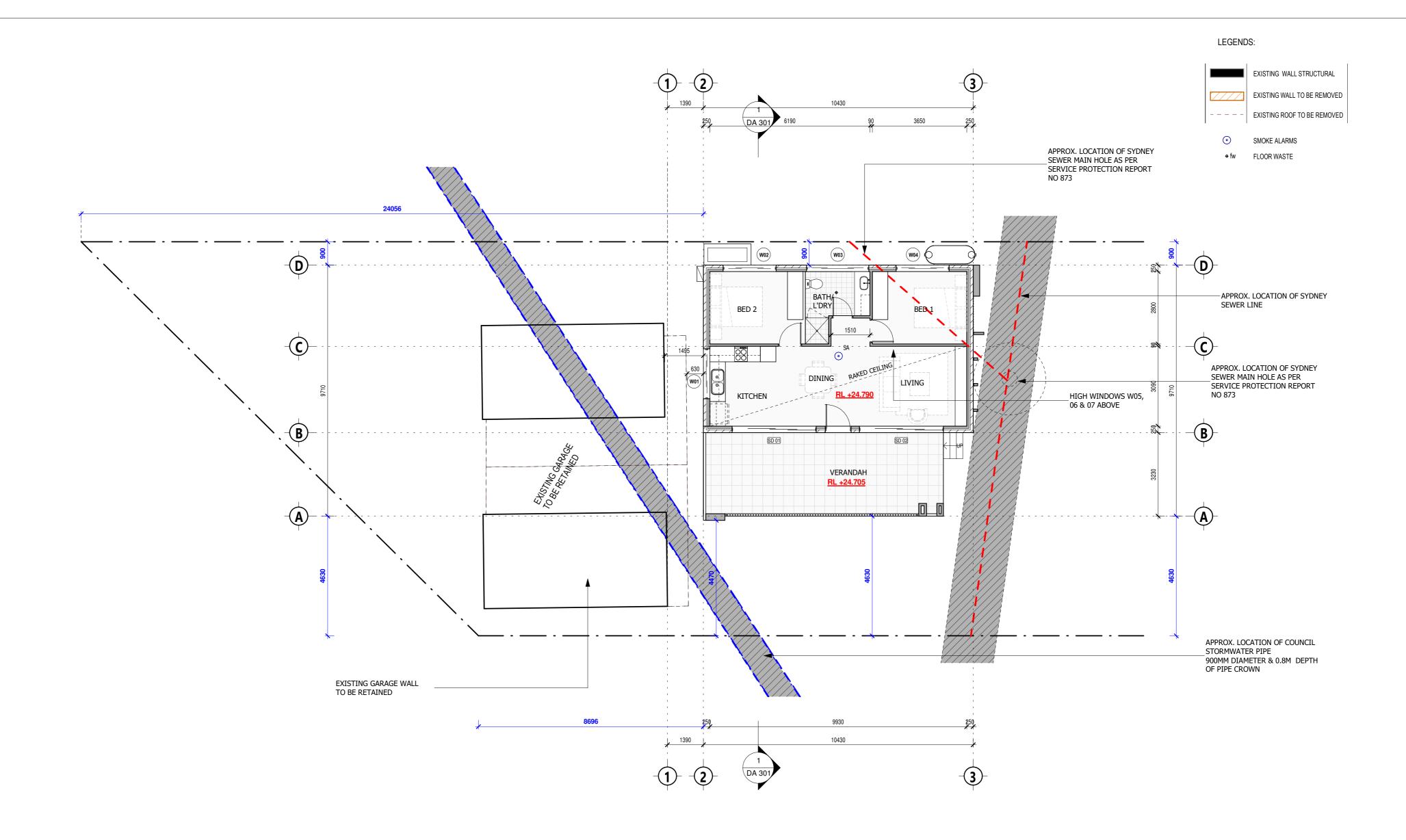
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SITE PLAN ANALYSIS

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## **GROUND FLOOR**

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NORTHERN BEACHES COUNCIL

PROJECT DETAILS:
PROPOSED SECONDARY DWELLING DEVELOPMENT

6 ALFRED ROAD, BROOKVALE 22154 LOGGED AT

PROJECT STATUS:
ISSUED FOR DA SUBMISSION CLIENT DETAILS:

REV DATE	DESCRIPTION	INITIAL
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DETAILS

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## **ROOF PLAN**

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PROJECT DETAILS:
PROPOSED SECONDARY DWELLING DEVELOPMENT

6 ALFRED ROAD, BROOKVALE PROJECT NO. **22154** 

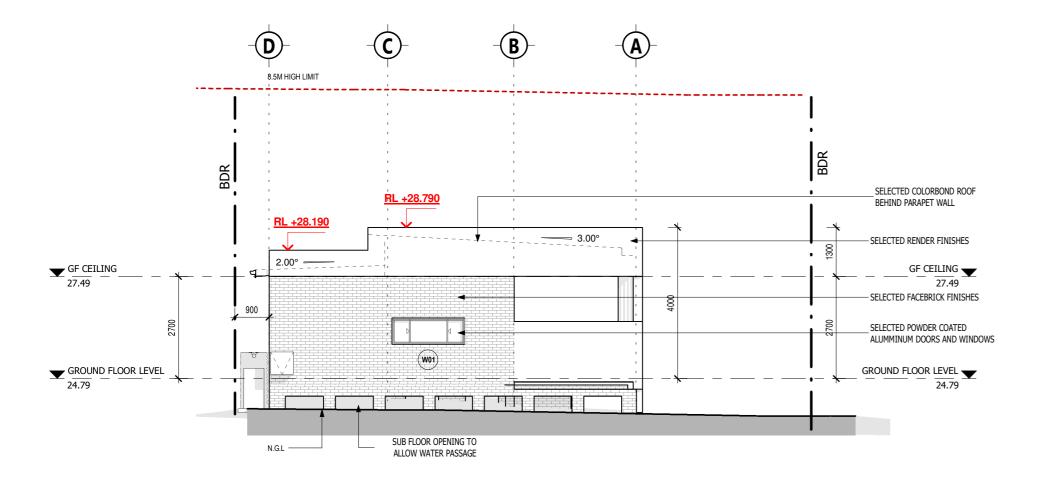
CLIENT DETAILS: MR. MINH

PROJECT STATUS:
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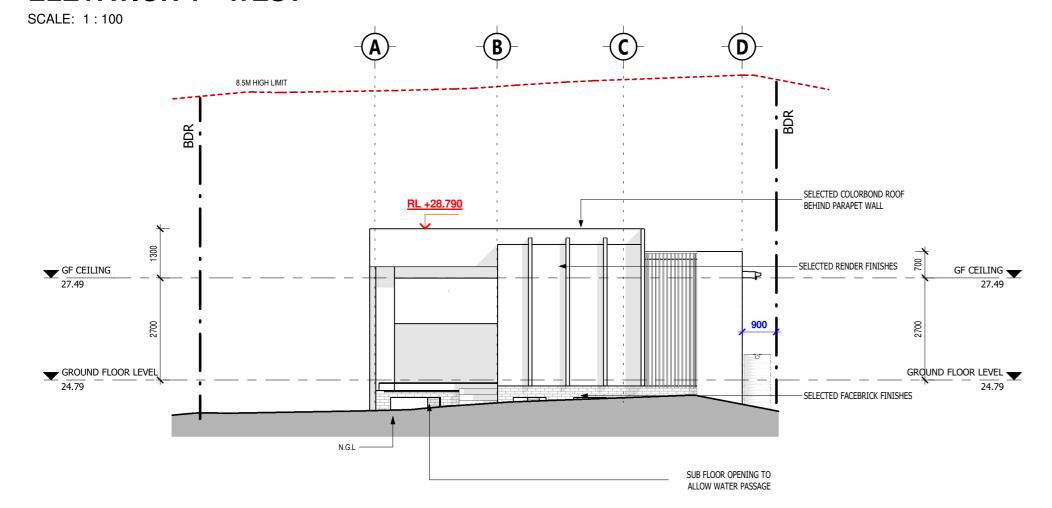
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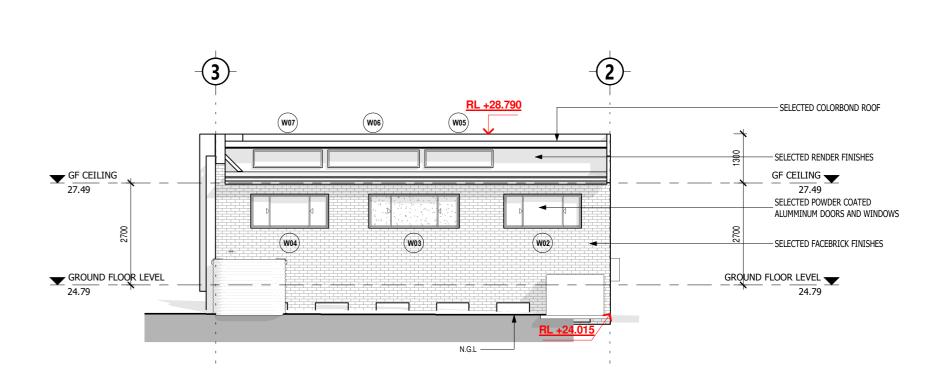


### **ELEVATION 1 - WEST**



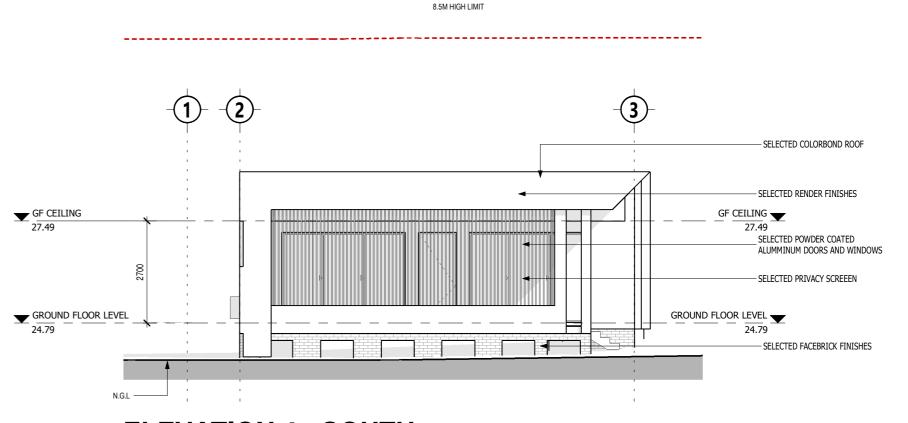
### **ELEVATION 3 - EAST**

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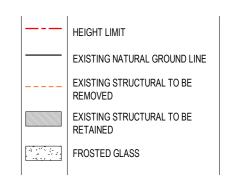
### **ELEVATION 2 - NORTH**

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## **ELEVATION 4 - SOUTH**

SCALE: 1:100





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W: Bryandesigns.com.au
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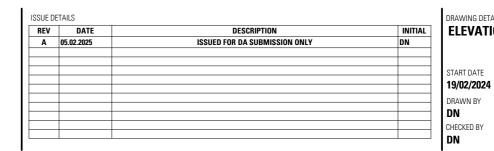
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PROPOSED SECONDARY DWELLING DEVELOPMENT

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6 ALFRED ROAD, BROOKVALE
PROJECT NO.
22154
LOGGED AT
NORTHERN BEACHES COUNCIL

PROJECT STATUS:
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CLIENT DETAILS:
MR. MINH



DRAWING DETAILS

ELEVATIONS

START DATE SCAI

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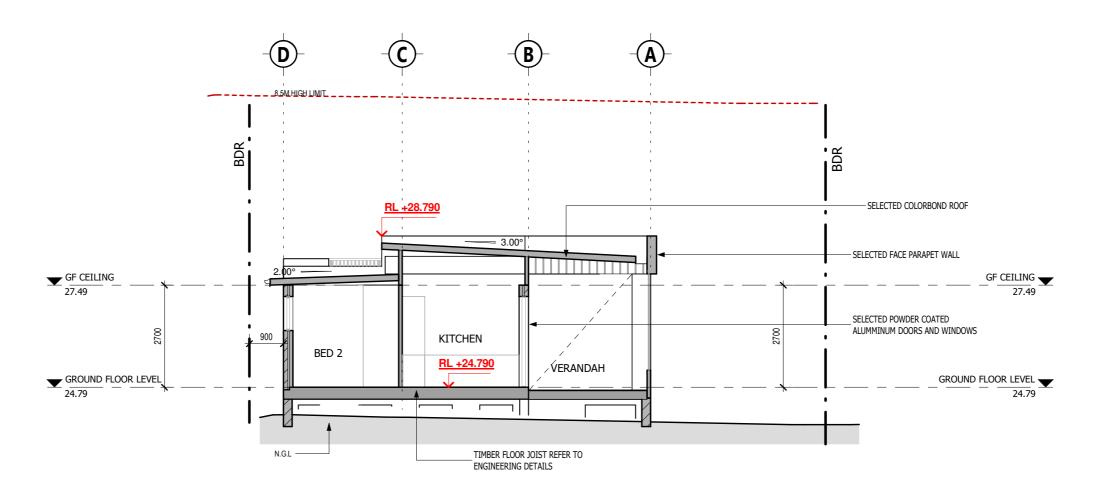
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**LEGEND** 

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## **SECTION 1-1**

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PROPOS	ED DOOR SC	HEDULE
Mark	Height	Width
SD 01	2400	3250
SD 02	2400	3250

LEGEND

HEIGHT LIMIT

EXISTING NATURAL GROUND LINE EXISTING STRUCTURAL TO BE

EXISTING STRUCTURAL TO BE RETAINED

FROSTED GLASS

PROPOSED WINDOW SCHEDULE				
Mark	Height	Width		
W01	700	1930		
W02	900	2050		
W03	900	2410		
W04	900	2050		
W05	480	1810		
W06	480	2410		
W07	480	1810		



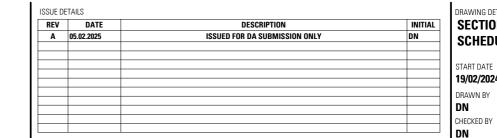
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CLIENT DETAILS: MR. MINH



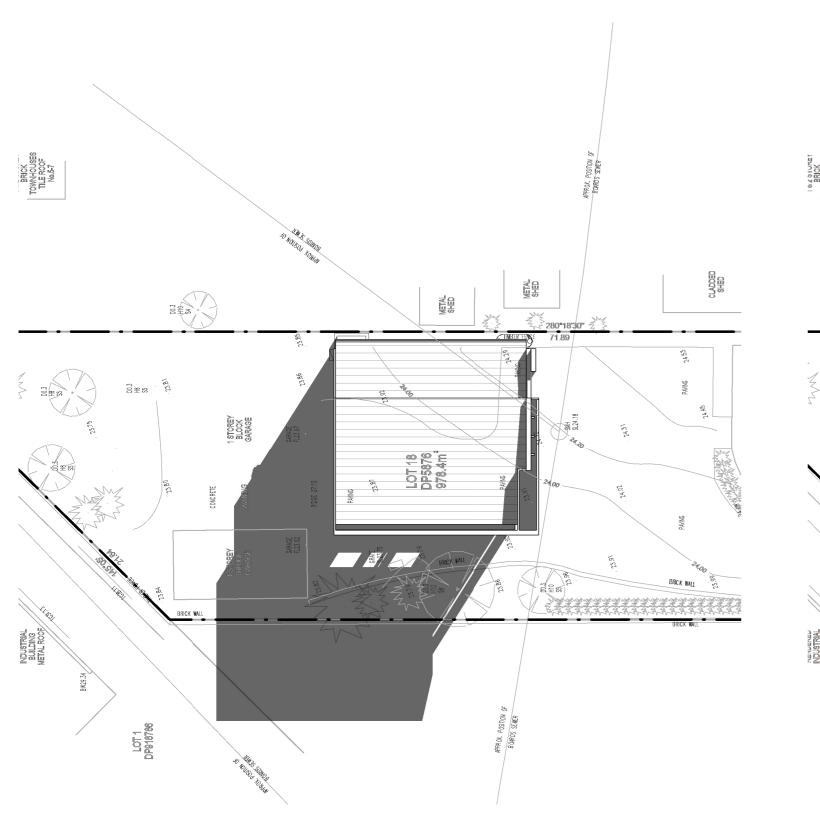
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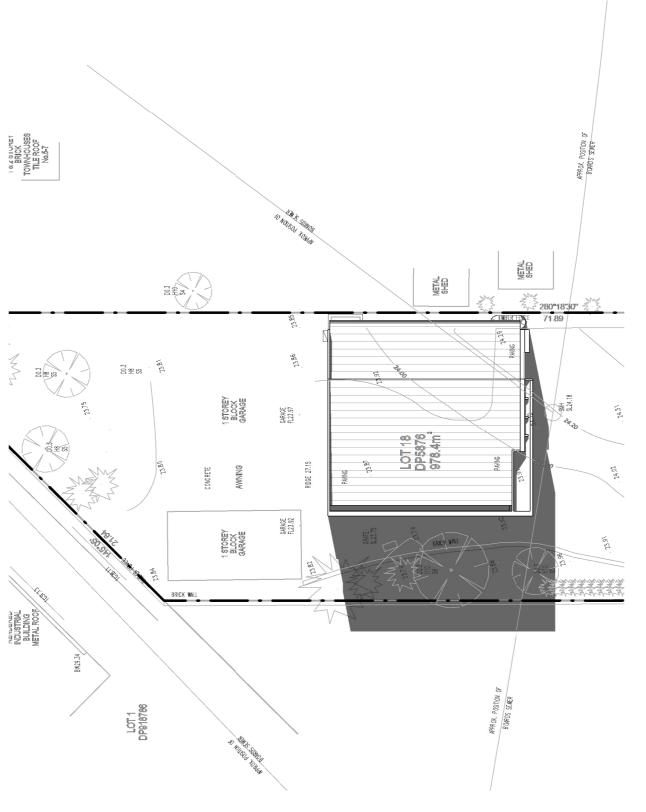
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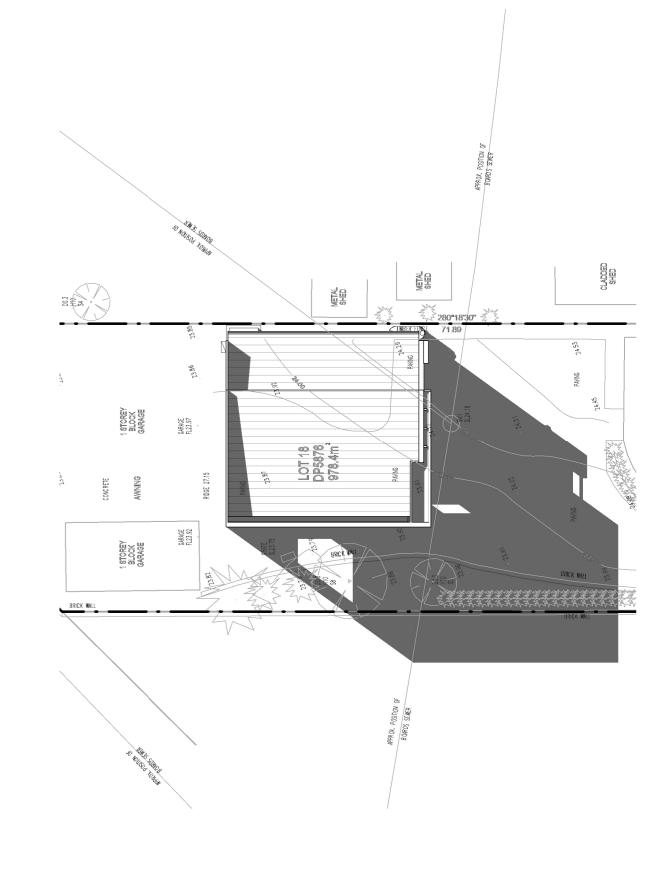
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**SHADOW DIAGRAM- 09.00 AM- 21JUNE** 

SCALE: 1:200

**SHADOW DIAGRAM- 12.00 PM- 21JUNE** 

SCALE: 1:200

### SHADOW DIAGRAM- 03.00 PM- 21JUNE

SCALE: 1:200



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: Info.bryandesign@gmail.com
V : Bryandesigns.com.au
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NORTHERN BEACHES COUNCIL

PROJECT STATUS: ISSUED FOR DA SUBMISSION

CLIENT DETAILS: MR. MINH

REV	DATE	DESCRIPTION	INITIAL
Α	05.02.2025	ISSUED FOR DA SUBMISSION ONLY	DN

DRAWING DETAILS
SHADOW DIAGRAMS

T DATE S

SCALE 1:200 DRAWING NO.



1. SELECTED TILES ROOF

- ULTRA SILVER GLOSS (OR EQUIVELENT)



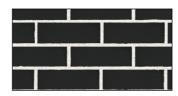
2. GUTTER, FASCIA, POWDER COAT ALUMINUM DOORS AND WINDOWS

- WOODLAND GREY SALTIN (OR EQUIVELENT)



3. RENDER FINISHES

- SELECTED DULUX SHADE GREY (OR EQUIVELENT)



4. FACEBRICK FINISHES

- SELECTED BLACK HEALTH AUSTRAL BRICK(OR EQUIVELENT)



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NOTE:

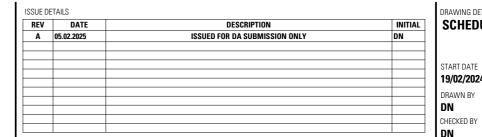
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6 ALFRED ROAD, BROOKVALE
PROJECT NO.
22154
LOGGED AT
NORTHERN BEACHES COUNCIL

CLIENT DETAILS: MR. MINH

PROJECT STATUS:
ISSUED FOR DA SUBMISSION



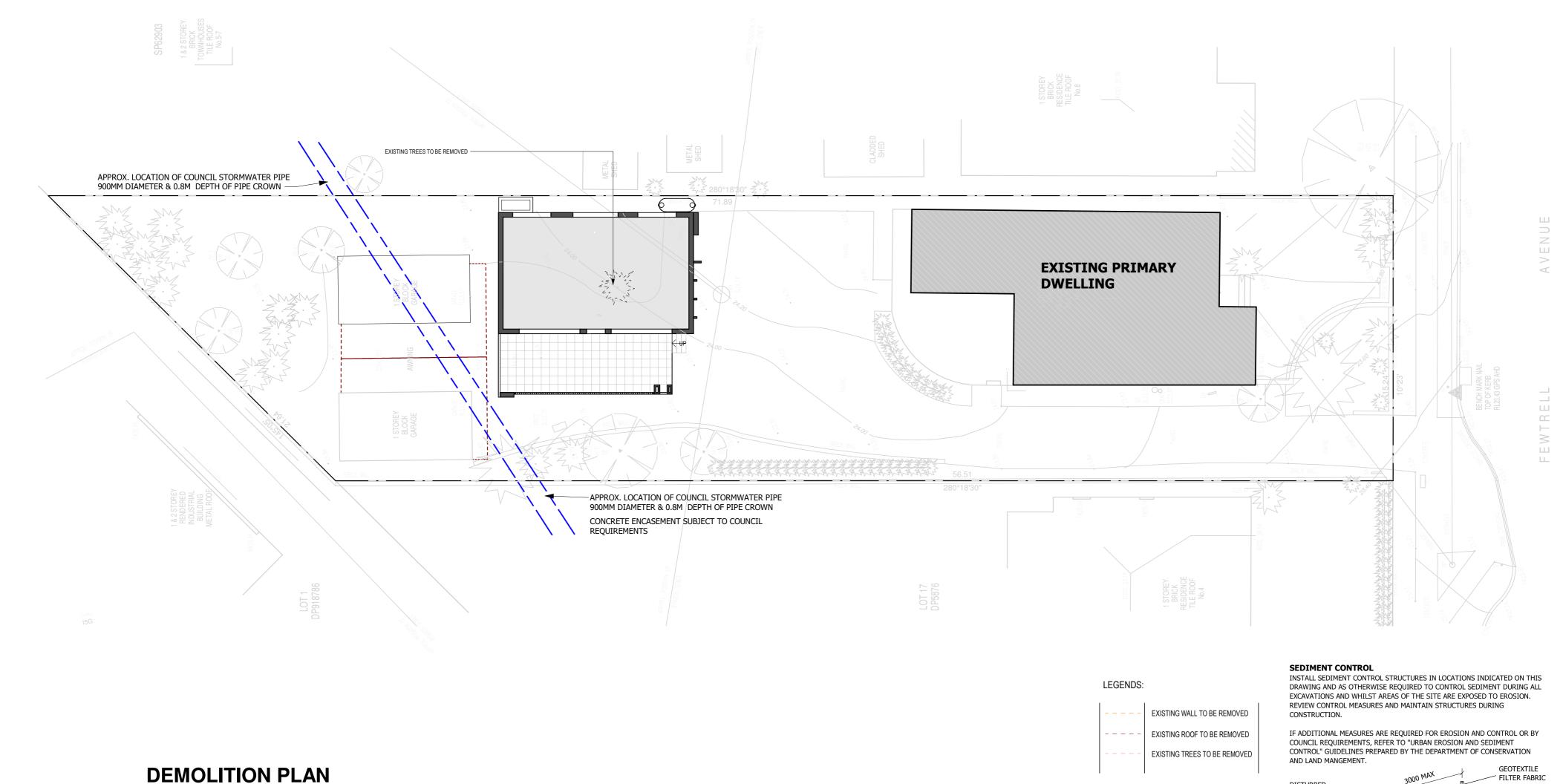
DRAWING DETAILS
SCHEDULES OF FINISHES

START DATE SCALE
19/02/2024 1:10
DRAWN BY DRAWN
DN

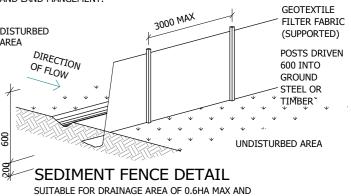
SCALE
1:100
DRAWING NO.

DA 500

A



SCALE: 1:150



SLOPE GRADIENT OF 1:2 MAX WITH LENGTH OF 60M MAX



PROJECT DETAILS:
PROPOSED SECONDARY DWELLING DEVELOPMENT

6 ALFRED ROAD, BROOKVALE 22154

NORTHERN BEACHES COUNCIL

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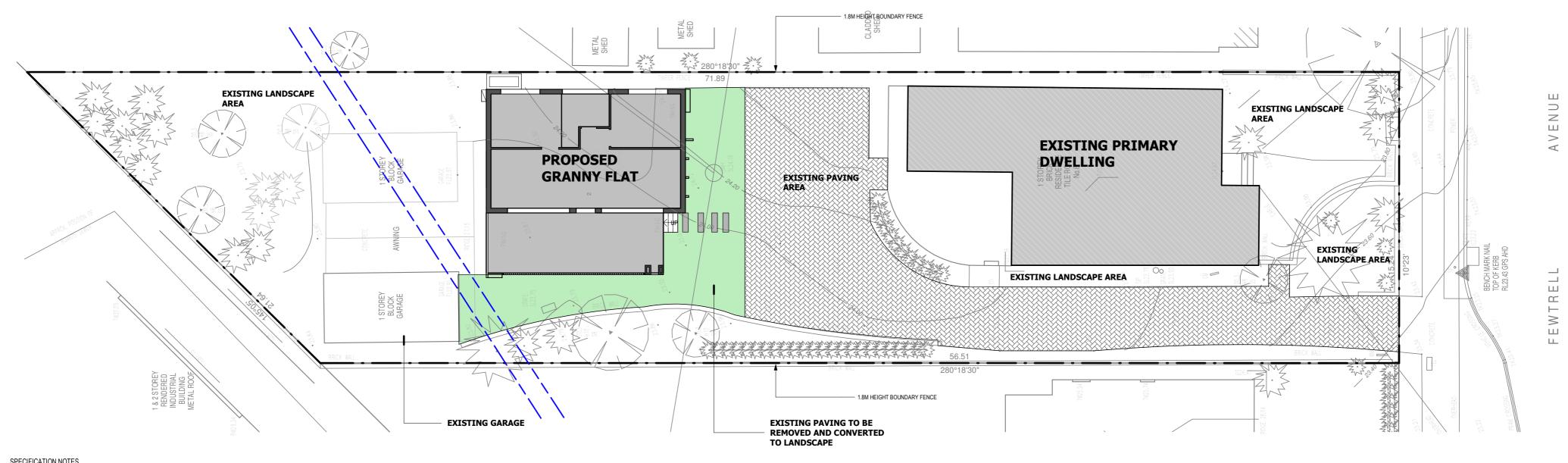
CLIENT DETAILS:



As indicated DRAWING NO.







SPECIFICATION NOTES PLANTING MATERIALS

#### Planting Mix

Imported planting mix to planting bes is to comprise and approved soil mix of:

• 60% Soil mix (75% coarse sand and 25% blacksoil)

- 10% Mushroom compost
- 10% Composted sawdust • 10% Pine bark fines
- 10% Composted manure

Mulch shall mean hardwood (25mm grade), free from material derived from Privet, Willow, Poplar, Coral trees, or other noxious weeds. Any mulch exceeding the 25mm grade shall be rejected / removed from the site. Graded hardwood mulch to be supplied by Australian Native Landscapes Pty Ltd Phone (02) 9450 1444, or approved equivalent.

#### Plant Material:

All plant material must be true to the species. No substitutes will be allowed. All plants shall be free of fungus and insect damage. All plants shall be healthy, well shaped, not soft or force grown and not root bound.

Plants are available from Andreasens Green wholesale nursery, contact Darren (02) 8777 4713, email darren@andreasensgreen.com.au or approved equivalent. Turfed areas:

All new turfed areas are to be selected weed free Soft Leaf Buffalo. Turf shall be laid neatly butted with staggered joins, flush with adjacent surfaces and have even running falls to all drainage points. All new turfed area shall have a minimum 150mm depth of weed free top soil, placed and levelled prior to turfing.

#### PREPARATION AND HARDWORKS

#### **Excavating for Spot Planting**

To planting areas, excavate a hole for each plant large enough to provide not less than twice the depth and twice the diameter than the root ball of species to be planted.

Use durable hardwood, straight, free from knots or twists, pointed at one end. Drive stakes into the ground a minimum one third of their length, avoiding damage to the root system.

• 45 Litre trees in 2 x 38x38x1800mm Hardwood Stake with double Nylon tie TIES: Provide a 50mm wide Nylon webbing tie per stake, fixed securely to the stakes, one tie at half the height of the main stem and the other as

necessary to stabilise the plant. Loose Nepean River Pebble MATERIAL: Nepean river pebble gravel to be of uniform size or graded material in the size 20mm grade to nominal 75mm thickness as available from Australian Native Landscapes. Ph: (02) 9450 1444.

MATERIAL: Timber edging shall consist of:

Edging: 100 x 50mm hardwood

Pegs: 50 x 50 x 400mm hardwood.

Fastenings: to be 75x3.75mm diam. galvanised nails

INSTALLATION: Setout alignment of timber edges on site for approval of Superintendent. Excavate to approved alignment and place edge band within trench to confirm peg locations. Install pegs and affix timber edge in accordance with details. All timber edging to finish flush with adjoining turf.

#### MAITENANCE/ PLANT ESTABLISHMENT

- Landscape Contractors to provide 26 weeks for maintenance / plant establishment period. Carry out recurrent works of a maintenance nature including, but not limited to, watering, mowing, weeding, rubbish removal, fertilising, pest and disease control, returfing, staking and tying, replanting, cultivating, pruning, hedge clipping, top dressing, and keeping the site neat and tidy.

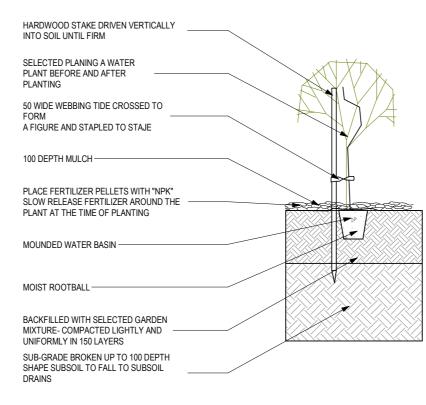
- All finished levels are to be verified by Contractor on site.

- All landscape works be in strict accordance with Council's landscape code and guidelines

- This plan to be used in conjunction with all other submitted architectural, hydraulics and engineering drawing where applicable.

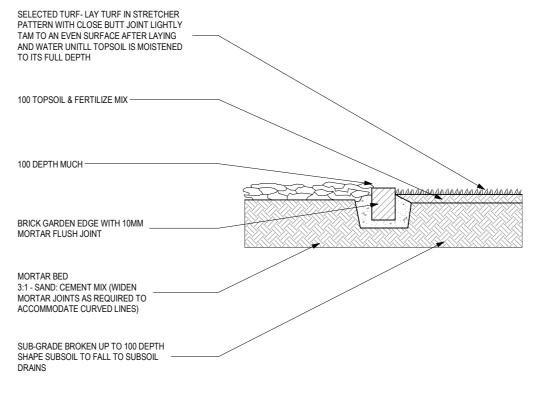
### LANDSCAPE PLAN

SCALE: 1:150



CLAY SOIL SHALL BE IMPROVED BY ADDING GYPSUM AS PER MANUFACTURE SPECIFICATION

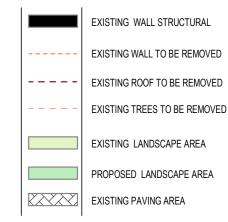
TREE & SHRUB PANTING IN GARDEN BED



ALIGNMENT OF BRICK EDGE SHALL BE EVEN & FREE FROM DIPS AND HUMPS

TURF & GARDEN EDGE DETAIL

### LEGENDS:



LANDSCAPE AREA CALCULATION		
Name	Area	
EX. REAR LANDSCAPE	255.87 m²	
FRONT LANDSCAPE	64.37 m²	
PROPOSED REAR LANDSCAPE	75.50 m²	
	305 7/1 m <sup>2</sup>	



NO I E:

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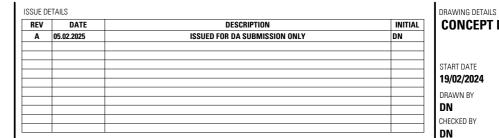
PROPOSED SECONDARY DWELLING DEVELOPMENT

6 ALFRED ROAD, BROOKVALE

LOGGED AT **NORTHERN BEACHES COUNCIL** 

22154

PROJECT STATUS: **ISSUED FOR DA SUBMISSION** CLIENT DETAILS:



CONCEPT LANDSCAPE PLANS

As indicated DRAWING NO. **DA 600** 



## BASI \*Certificate Building Sustainability Index www.basix.nsw.gov.au

Single Dwelling

Certificate number: 1746611S\_02

This certificate confirms that the proposed development

This certificate confirms that the proposed development will meet the NSW governments requirements for sustainability, if it is built in accordance with the commitments set out below. Terms used in this certificate, or in the commitments, have the meaning given by the document entitled "BASIX Definitions" dated 1009/2020 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary
Date of issue: Tuesday, 11 March 2025
To be valid, this certificate must be submitted with a development application or lodged with a complying development certificate application within 3 months of the date of issue.



Project name	6 Alfred Road, Brookva	ale 2100_02	
Street address	6 ALFRED Road BRC	OKVALE 2100	
Local Government Area	Northern Beaches Cou	ncil	
Plan type and plan number	Deposited Plan DP5876		
Lot no.	18		
Section no.	-		
Project type	dwelling house (detach	ned)	
No. of bedrooms	2		
Project score			
Water	<b>✓</b> 42	Target 40	
Thermal Performance	✓ Pass	Target Pass	
Energy	✓ 68	Target 68	
Materials	<b>✓</b> 12	Target n/a	

Certificate Prepared by
Name / Company Name: Bryan Design Pty Ltd
ABN (if applicable):

BASIX Department of Planning, Housing and www.basix.nsw.gov.au Version: 4.03 / EUCALYPTUS\_03\_01\_0 Certificate No.: 1746611S\_02 Tuesday, 11 March 2025 page 1/11 Infrastructure

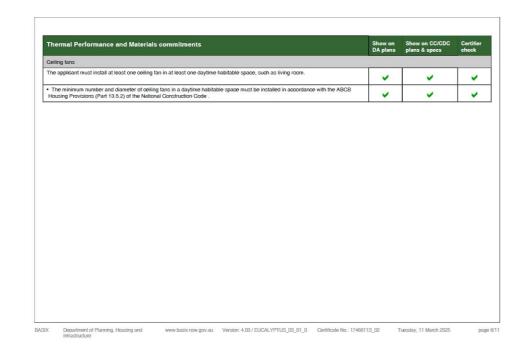
Street address	6 Alfred Road, Brookvale 2100_02 6 ALFRED Road BROOKVALE 2100	NatHERS assessor number	n/a	
	6 ALFRED Road BROOKVALE 2100	NatUEDS cortificate number		
ocal Government Area		I WALL ICT IS CONTINUATE HUMBER	n/a	
	Northern Beaches Council	Climate zone	n/a	
lan type and plan number	Deposited Plan DP5876	Area adjusted cooling load (MJ/ m².year)	n/a	
ot no.	18	300 00 A 00 00 A	n/a	
ection no.	-	Area adjusted heating load (MJ/ m².year)	nva	
Project type		Project score		
Project type	dwelling house (detached)	Water	<b>✓</b> 42	7 110
lo. of bedrooms	2	- Traici	42	Target 40
Site details		Thermal Performance	✓ Pass	Target Pass
lite area (m²)	183	Energy	100	1831 1838 3
Roof area (m²)	98	Lifelgy	✓ 68	Target 68
Conditioned floor area (m²)	60.0	Materials	V 12	Target n/a
Inconditioned floor area (m²)	0.0			
otal area of garden and lawn (m²)	67			
Roof area of the existing dwelling (m²)	0			
of area of the existing dwelling (m²)	0			

Water Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Landscape			
The applicant must plant indigenous or low water use species of vegetation throughout 67 square metres of the site.	~	~	
Fixtures			
The applicant must install showerheads with a minimum rating of 4 star (> $4.5$ but <= $6$ L/min plus spray force and/or coverage tests) in all showers in the development.		~	~
The applicant must install a toilet flushing system with a minimum rating of 4 star in each toilet in the development.		V	V
The applicant must install taps with a minimum rating of 4 star in the kitchen in the development.		~	
The applicant must install basin taps with a minimum rating of 4 star in each bathroom in the development.		~	
Alternative water			
Rainwater tank			
The applicant must install a rainwater tank of at least 2000 litres on the site. This rainwater tank must meet, and be installed in accordance with, the requirements of all applicable regulatory authorities.	~	~	~
The applicant must configure the rainwater tank to collect rain runoff from at least 96 square metres of the roof area of the development (excluding the area of the roof which drains to any stormwater tank or private dam).		~	~
The applicant must connect the rainwater tank to:			
<ul> <li>at least one outdoor tap in the development (Note: NSW Health does not recommend that rainwater be used for human consumption in areas with potable water supply.)</li> </ul>		_	<b>-</b>

ermal Performance and I	Show on DA plans	Show on CC/CDC plans & specs	Certifie check			
o-it-yourself Method						
neral features						
dwelling must be a Class 1 dwelling according to the National Construction Code, and must not have more than 2 storeys.					~	~
e conditioned floor area of the dv	conditioned floor area of the dwelling must not exceed 300 square metres.					~
e dwelling must not contain open	dwelling must not contain open mezzanine area exceeding 25 square metres.					~
e dwelling must not contain third level habitable attic room.					~	~
or, walls and ceiling/roof						
e applicant must construct the flo low.	or(s), walls, and ceiling/roof or	the dwelling in accordance with the specifical	tions listed in the table	~	V	~
applicant must adopt one of the options listed in the tables below to address thermal bridging in metal framed floor(s), walls and ng/roof of the dwelling.					~	~
e applicant must show through re e tables below.	eceipts that the materials purc	nased for construction are consistent with the	specifications listed in			~
nstruction	Area - m²	Additional insulation required	Options to address thermal bridging		Other specifications	
or - concrete slab on ground, nventional slab.	59.38	nil;not specified	nil			
ernal wall: brick veneer; frame: ber - untreated softwood.	all external walls	2.94 (or 3.50 including construction); fibreglass batts or roll + reflective foil in the cavity	nil		wall colour: Medium ( absorptance 0.48-0.7	
ernal wall: plasterboard; frame: ber - untreated softwood.	31.5	fibreglass batts or roll	nil	nil		

BASIX Department of Planning, Housing and www.basix.nsw.gov.au Version: 4.03 / EUCALYPTUS\_03\_01\_0 Certificate No.: 1746611S\_02 Tuesday, 11 March 2025 page 4/11 Infractinucture

Constru	uction	Area - m²	Additional insulation required	Options to address thermal bridging	Other specifications
pitched	and roof - raked ceiling / or skillion roof, framed - tta tiles , timber - untreated od.	98	celling: 4.7 (up), roof: foil/ sarking ;celling: fibreglass batts or roll; roof: foil/sarking.	nii	roof colour: medium (solar absorptance 0.48-0.59); 0.5 to $_{\leq}$ 1.0% of ceiling area uninsulated
Note	Insulation specified in this	Certificate must be installed	I in accordance with the ABGB Housing Provision	ons (Part 13.2.2) of the National Gon	struction Code.
lote	If the additional ceiling ins	ulation listed in the table abo	ove is greater than R3.0, refer to the ABGB Hou	sing Provisions (Part 13.2.3 (6)) of the	he National Construction Gode.
lote	In some climate zones, in	sulation should be installed v	with due consideration of condensation and ass	ociated interaction with adjoining bui	ilding materials.
Vote	Thermal breaks must be i	nstalled in metal framed wall	s and applicable roofs in accordance with the A	BCB Housing Provisions of the Natio	onal Construction Gode.



Thermal Performance and Materials commitments					DA plans	plans & specs	check	
Glazed windows, doors and	skylights							
			e table below, in accordance with the for each glazed window and door.	ne	~	~	V	
The dwelling may have 1 skylight (<0.7 square metres) which is not listed in the table.			~	~	-			
The following requirements must also be satisfied in relation to each window and glazed door:					~	~	-	
The applicant must install table.	windows and glazed doors in a	ocordance with the height and	width, frame and glazing types liste	ed in the	~	~	~	
			lar Heat Gain Coefficient (SHGC) vitional Fenestration Rating Council			~	-	
skylight area must not exce		are metre limit does not include	e specifications listed in the table. T the optional additional skylight of le		~	~	•	
Glazed window/door no.	Maximum height (mm)	Maximum width (mm)	Frame and glass specification	Shading (Dimensi	device ion within 10%		Overshadowing	
North facing								
W02	900.00	2000.00	aluminium, single glazed (U- value: <=2.5, SHGC: 0.18 - 0.22)	eave 450 mm, 300 mm above head of window or glazed door			wed	
W03	900.00	2200.00	aluminium, single glazed (U- value: <=7.5, SHGC: 0.74 - 0.90)		mm, 300 mm ead of window oor		wed	
W04	900.00	2000.00	aluminium, single glazed (U- value: <=7.5, SHGC: 0.74 - 0.90)		mm, 300 mm ead of window oor		wed	
W05	480.00	1810.00	aluminium, single glazed (U-		mm, 300 mm		wed	

Glazed window/door no.	Maximum height (mm)	Maximum width (mm)	Frame and glass specification	Shading device (Dimension within 10%)	Overshadowing
W06	480.00	2200.00	aluminium, single glazed (U- value: <=7.5, SHGC: 0.74 - 0.90)	eave 450 mm, 300 mm above head of window or glazed door	not overshadowed
W07	480.00	1800.00	aluminium, single glazed (U- value: <=7.5, SHGC: 0.74 - 0.90)	eave 450 mm, 300 mm above head of window or glazed door	not overshadowed
South facing					
SD01	2400.00	3000.00	aluminium, single glazed (U- value: <=7.5, SHGG: 0.74 - 0.90)	solid overhang 3200 mm, 600 mm above head of window or glazed door	not overshadowed
SD02	2400.00	3000.00	aluminium, single glazed (U- value: <=7.5, SHGC: 0.74 - 0.90)	solid overhang 3200 mm, 600 mm above head of window or glazed door	not overshadowed
West facing		•			
W01	480.00	1810.00	aluminium, single glazed (U- value: <=2.5, SHGG: 0.18 - 0.22)	none	not overshadowed

Energy Commitments	Show on DA plans	Show on CC/CDC plans & specs	Certifier check
Hot water			
The applicant must install the following hot water system in the development, or a system with a higher energy rating: gas instantaneous with a performance of 4 stars.	~	~	~
Cooling system			
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning - ducted; Energy rating: 1 star (average zone)		~	~
The applicant must install the following cooling system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning - duoted; Energy rating: 1 star (average zone)		~	~
Heating system			
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 living area: 1-phase airconditioning - ducted; Energy rating: 1 star (average zone)		~	-
The applicant must install the following heating system, or a system with a higher energy rating, in at least 1 bedroom: 1-phase airconditioning - ducted; Energy rating: 1 star (average zone)		~	~
Ventilation			
The applicant must install the following exhaust systems in the development:			
At least 1 Bathroom: individual fan, open to façade; Operation control: manual switch on/off		~	-
Kitchen: individual fan, open to façade; Operation control: manual switch on/off		~	~
Laundry: individual fan, open to façade; Operation control: manual switch on/off		~	~
Artificial lighting			
The applicant must ensure that a minimum of 80% of light fixtures are fitted with fluorescent, compact fluorescent, or light-emitting- diode (LED) lamps.		~	-
Natural lighting			
The applicant must install a window and/or skylight in the kitchen of the dwelling for natural lighting.		V	-

		Show on DA plans	Show on CC/CDC plans & specs	Certifier check
e applicant must install a window and/or skyli	ght in 1 bathroom(s)/toilet(s) in the development for natural lighting	g. 🗸	~	~
her				
e applicant must install a gas cooktop & electr	ic oven in the kitchen of the dwelling.		~	
e applicant must install a fixed outdoor clothe:	s drying line as part of the development.		~	
applicant must install a fixed indoor or shelt	ered clothes drying line as part of the development.		~	



(	
	BRYAN DESIGN ARCHITECTURAL SOLUTIONS

Address: 511 Gardeners Road, Roseberry. NSW 2018 P: 0415 678 131 E: Info.bryandesign@gmail.com W: Bryandesigns.com.au ABN: 30 615 709 272

NOTE:

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ISSUE DETAILS

REV DATE DESCRIPTION INITIAL
A 05.02.2025 ISSUED FOR DA SUBMISSION ONLY

START DATE 19/02/2024
DRAWN BY DN
CHECKED BY

DRAWING DETAILS
BASIX COMMITMENT

START DATE SCALE
19/02/2024

DRAWING NO.

A

