

DOUBLE STOREY DWELLING
#11,Raven circuit,Warriewood



- General notes:**
- All materials and work practices shall comply with all-relevant current Australian standards (as amended) referred to therein.
 - These drawings shall be read in conjunction with all relevant structural and all other consultant's drawings/details and with any other written instructions issued.
 - Figured dimensions take precedence over scaled dimensions.
 - The builder shall take all steps necessary to ensure the stability and general water tightness of all new and/or existing structures during all works.
 - The contractor/builder is responsible for setting out and checking all levels and measurements on site.
 - All dimensions and levels are to be checked and verified by the Owner/builder and any discrepancies in the documents must be resolved before ordering commencement of any works.
 - Window sizes nominated are nominal only. Actual size may vary according to manufacturer. Windows are to be flashed all around.
 - Installation of all services shall comply with supply authority requirements.
 - The builder and subcontractor shall ensure that all stormwater drains, Sewer pipes and the like are located at a sufficient distance from any footing and/or slab edge beams so as to prevent general moisture penetration, dampness, weakening and under mining of any building and its footing system.

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16	Floor Finish- Ground Floor

/for details: See the Basix certificate

- all toilets in the development
- the cold water tap that supplies each clothes washer
- at least one outdoor tap in the development

- Shower heads 4 star (>7.5but <= 9.0 L/min)
- Toilets.....4 star
- Kitchen tap.....4 star
- Basin Taps.....4 star

Hot Water System: gas instantaneous with a performance of 6.0 stars /or a system with a higher energy rating/

Heating/Cooling:In at least 1 living area and 1 bedroom: 1-phase Air-conditioning; Energy rating: EER 2.5 - 3.0 (Zoned)

- At least 1 Bathroom: individual fan, ducted to façade or roof; Operation control: interlocked to light with timer off
- Kitchen: individual fan, ducted to façade or roof; Operation control: manual switch on/off
- Laundry: individual fan, ducted to façade or roof; Operation control: manual switch on/off

- The applicant must install a window and/or skylight in the kitchen of the dwelling for natural lighting.
- The applicant must install a window and/or skylight in 4 bathroom(s)/toilet(s) in the development for natural 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.

- The applicant must install a gas cooktop & electric oven in the kitchen of the dwelling.
- The applicant must install a fixed outdoor clothes drying line as part of the development.

- The applicant must install a photovoltaic system as part of the development. The applicant must connect this system to the development's electrical system.
- The photovoltaic system must consist of photovoltaic collectors with the capacity to generate at least 2 peak kilowatts of electricity, installed at an angle between 10 degrees and 25 degrees to the horizontal facing north.

The Basix certificate should be read in conjunction with the Nathers certificate (including the additional notes pages 4 & 5).

/For Details: see the Nathers certificate

A detailed method of assessment with greater flexibility of solution choice and capacity to assess complex dwelling designs. The dwelling design has been assessed with NatHERS software from an accredited assessor

- Timber Stud Frame Brick Veneer, R2.5 Anti-glare foil with bulk no gap
- EPS Timber Stud Frame on Battens, R2.5 Bulk Insulation
- Single Skin Brick, No Insulation

- Timber Stud Frame, Direct Fix Plasterboard, R2.5 Bulk Insulation, No Air Gap (Against Garage)
- Timber Stud Frame, Direct Fix Plasterboard No Insulation (All Others)

- Waffle pod slab

- Timber Framed Timber Above Plasterboard, R2.5 Bulk Insulation (Above Garage)
- Timber Framed Timber Above Plasterboard, No Insulation (All Others)

- Plasterboard on Timber, R2.5 Bulk Insulation Unventilated roofspace(Reduced insulation near the eave in the distance of 580mm)
- Plasterboard on Timber, R5.0 Bulk Insulation Unventilated roofspace(All others/unaffected ceiling area)

- Waterproofing Membrane No Insulation, Only an Air Gap
- Corrugated Iron Timber Frame, R1.3 Bulk, Reflective Side Down, No Air Gap Above
- Roof Tiles Timber Frame, Foil, Gap Above, Reflective Side Down, Anti-glare Up

Note: All coffer ceiling verticals and walls against the roof-space, to be insulated, with the same insulation as the ceiling insulation

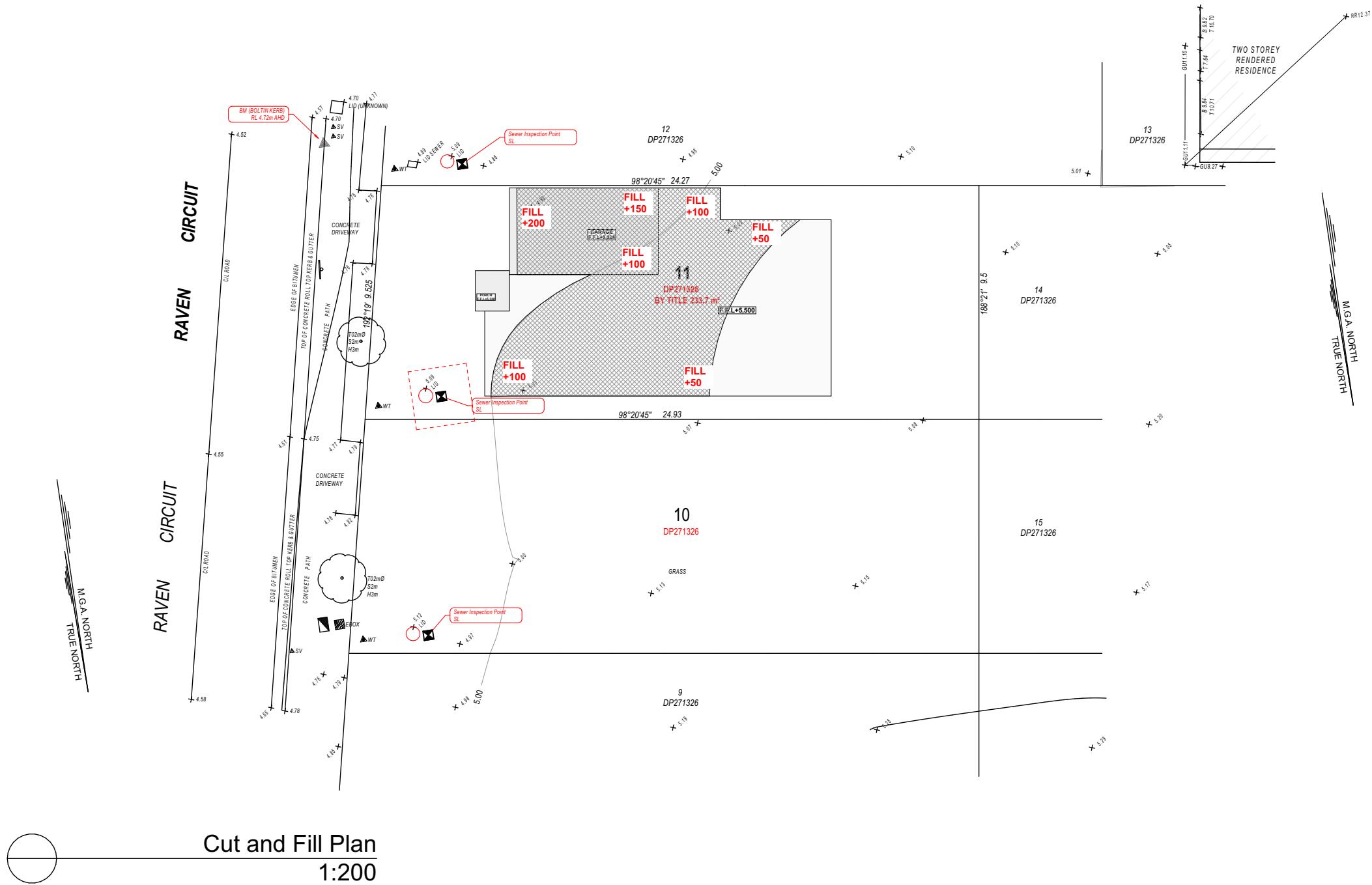
Note: All downlights: IC-F /IC-4/ (insulation covered/ including the control gears/) rated as per AS/NZS standard 60598 and IP (sealed) rated as per BS EN 60529:1992, European IEC 60509:1989

Note: (where the roof is extended over an open area such as a deck or carport): A barrier to be installed within the roof space to separate the space above the zoned part of the house and the space above the open veranda.

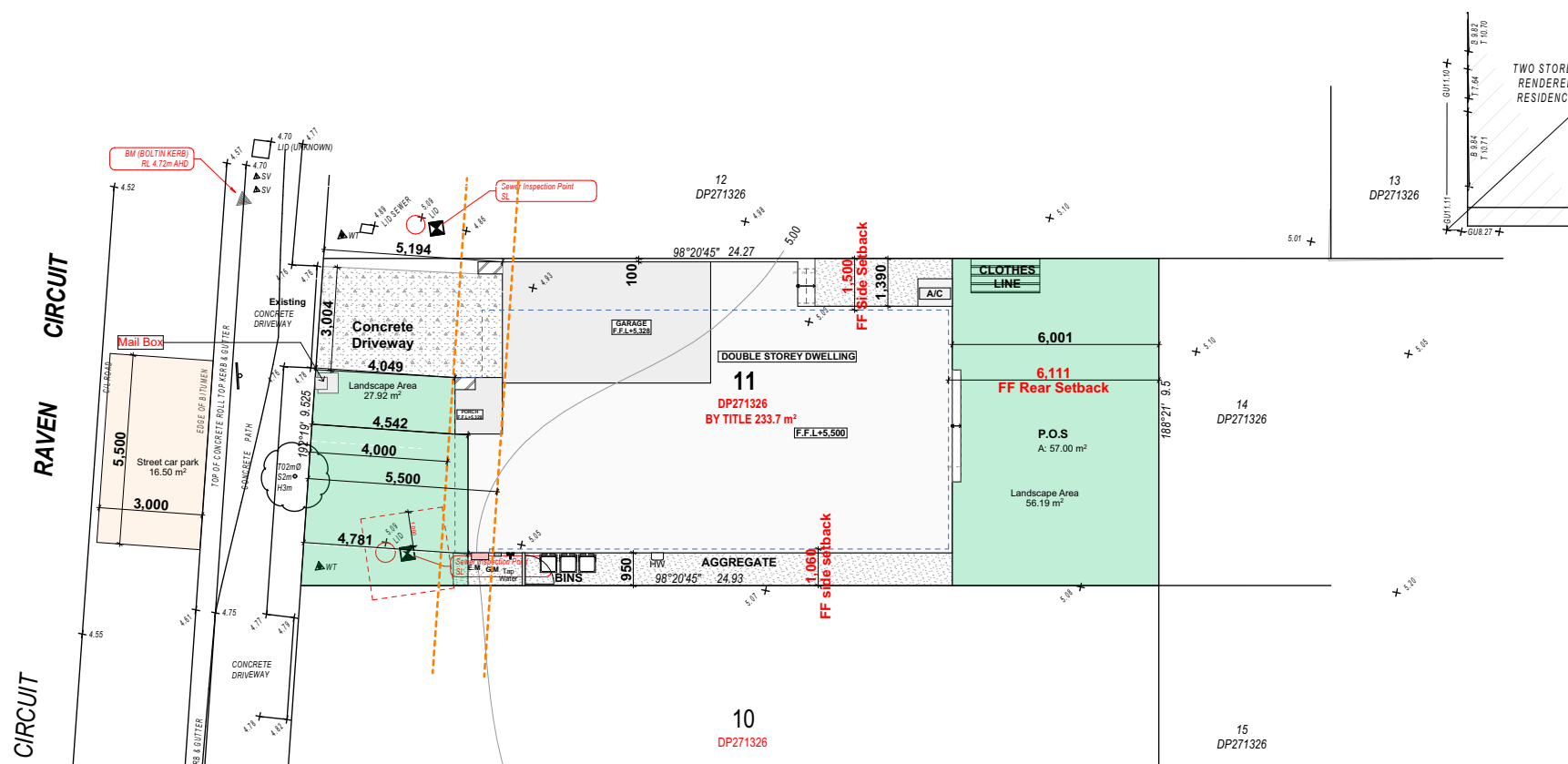
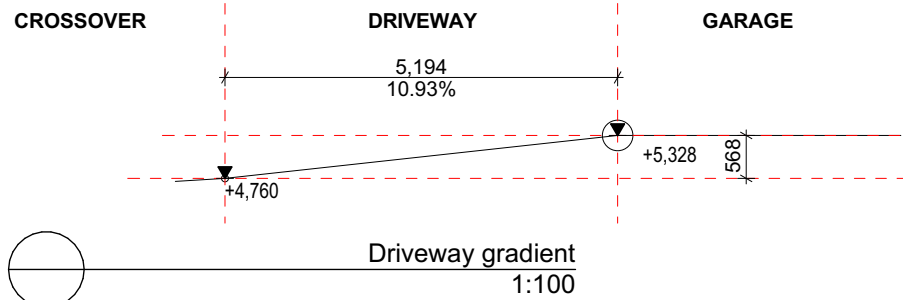
Note-Ceiling fans: For the number and the location, see the Nathers certificate.

For additional information please refer to the additional notes on the Nathers certificate.


















Cut and Fill is only under Slab.
Cut and Fill on the site is minimal, Hence does not
required Retaining wall.




























SITE CALCUALTIONS		
No.	Name	Area SQM
01	Site Area	233.70
02	Landscape Area	84.11



SURVEY LEGEND

SUBJECT BOUNDARY	
ADJOINING BOUNDARY	
EASEMENT	
CONTOUR MAJOR	
CONTOUR MINOR	
BUILDING LINE	
GUTTER LINE	
RIDGE LINE	
FENCE	
TOP KERB	
BOTTOM KERB	
OVERHEAD POWER	
WALL	
TOP OF BANK	
BOTTOM OF BANK	
TOP OF ROCK	
BOTTOM OF ROCK	

LEGEND		
Ref.img	Mark	Name
	S.A	Smoke Alarm (AS3786 Hard Wired to Mains)
	R.W.T	Rain Water Tank
	E.M	Electric Meter
	A/C	Air Conditioner
	HW	Wall Mounted Hot water System
	P.O.S	Private Open Space
	FW	Floor Waste
	MV	Mechanical Ventilation (All vent to exhaust outside).
	ME	Mechanical Ventilation (All vent to exhaust outside).

SYMBOLS:		ABBREVIATIONS:
BENCHMARK		B - BOTTOM WINDOWS
ELECTRICITY BOX		BM - BENCHMARK
GATE		EL - ELECTRICAL POLE
SIGN		FT - FIRST FLOOR
HYDRANT		FL - FLOOR LEVEL
KERB OUTLET/L		G - GAS VALVE
MAIL		GF - GROUND FLOOR
STOP VALVE		GM - GAS METER
WASTEWATER CONTROL PIT		GU - GUTTER/L
WASTEWATER CONTROL TANK		H - HYDRANT
WATER METER		IL - INVERT LEVEL
POWER POLE		KO - KERB OUTLET
SEWER MANHOLE		LP - LIGHT POLE
S/W GRATE		MB - MAIL BOX
TEST PIT		PP - POWER POLE
UNCLASSIFIED PIT		R - ROOF LINE
TREE & TRUNK		RL - REDUCED LEVEL
		RR - ROOF RIDGE
		S - SEWER CONNECTION
		SF - SECOND FLOOR
		SL - SURFACE LEVEL
		SV - STOP VALVE
		SMP - SEWER LEAK PIPE
		- TOP WINDOWS
		TW - TOP OF WALL
		WT - WATER TAP
		WM - WATER METER



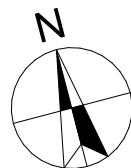
NOTE
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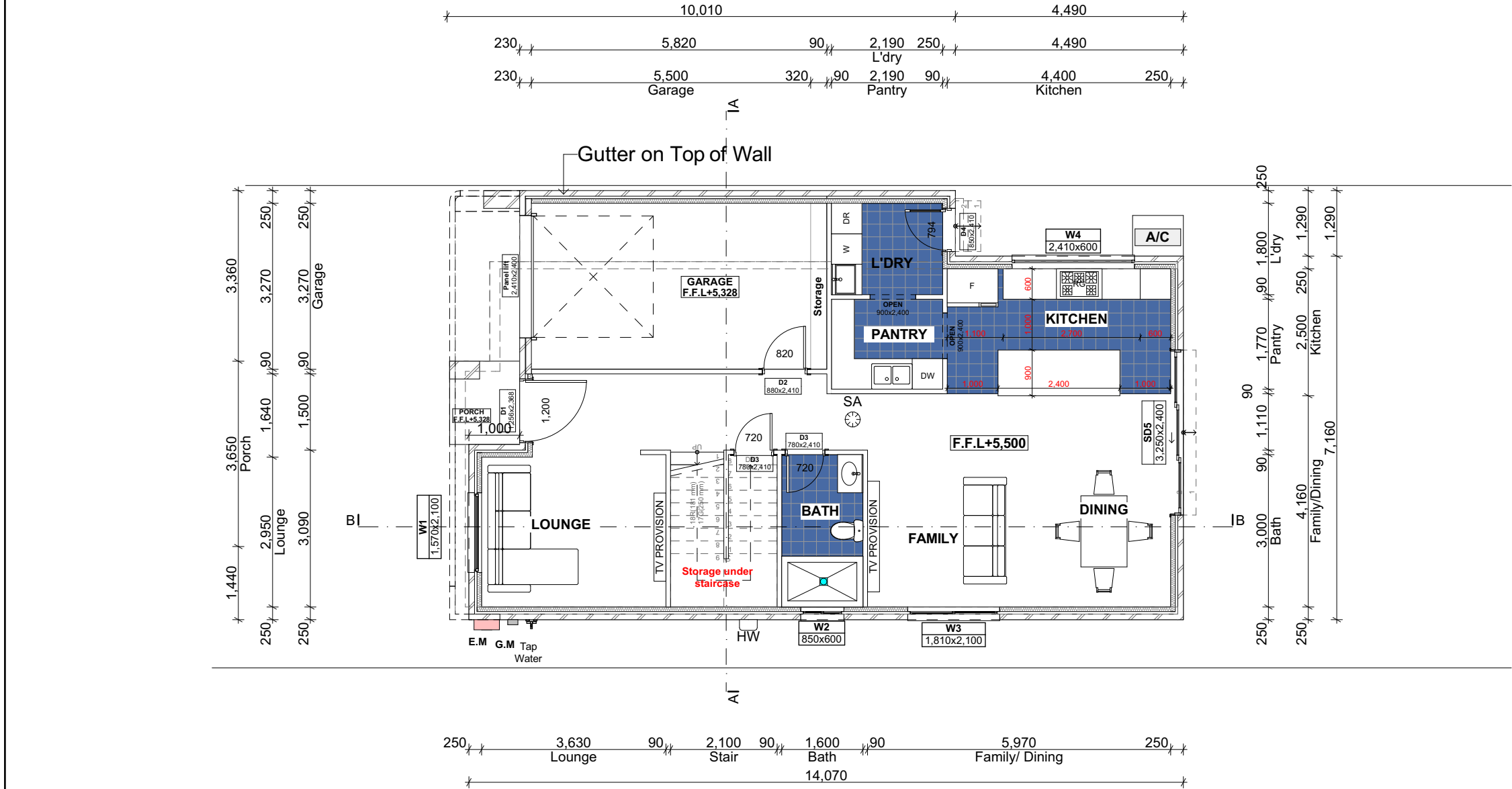


DRAWING :Site Plan	
CLIENT :	Skymark Luxury Living Pty Ltd
PROJECT :	DOUBLE STOREY DWELLING #11,Raven circuit,Warriewood Lot-11 D.P 271326

DRAWN BY: GS	DATE : 31/03/2025	PROJECT NO. 2412 801
SCALE: 1:200	APPLICATION : DA	ISSUE A
PAGE SIZE A3	PAGE NO: 4	

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External Walls with vapour permeable membrane as per manufacturer detail.



0.

Ground Floor
1:100

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LEGEND		
Ref.img	Mark	Name
	S.A	Smoke Alarm (AS3786 Hard Wired to Mains)
	R.W.T	Rain Water Tank
	E.M	Electric Meter
	A/C	Air Conditioner
	HW	Wall Mounted Hot water System
	P.O.S	Private Open Space
	FW	Floor Waste
	MV	Mechanical Ventilation (All vent to exhaust outside).
	ME	Mechanical Ventilation (All vent to exhaust outside).

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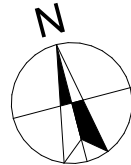
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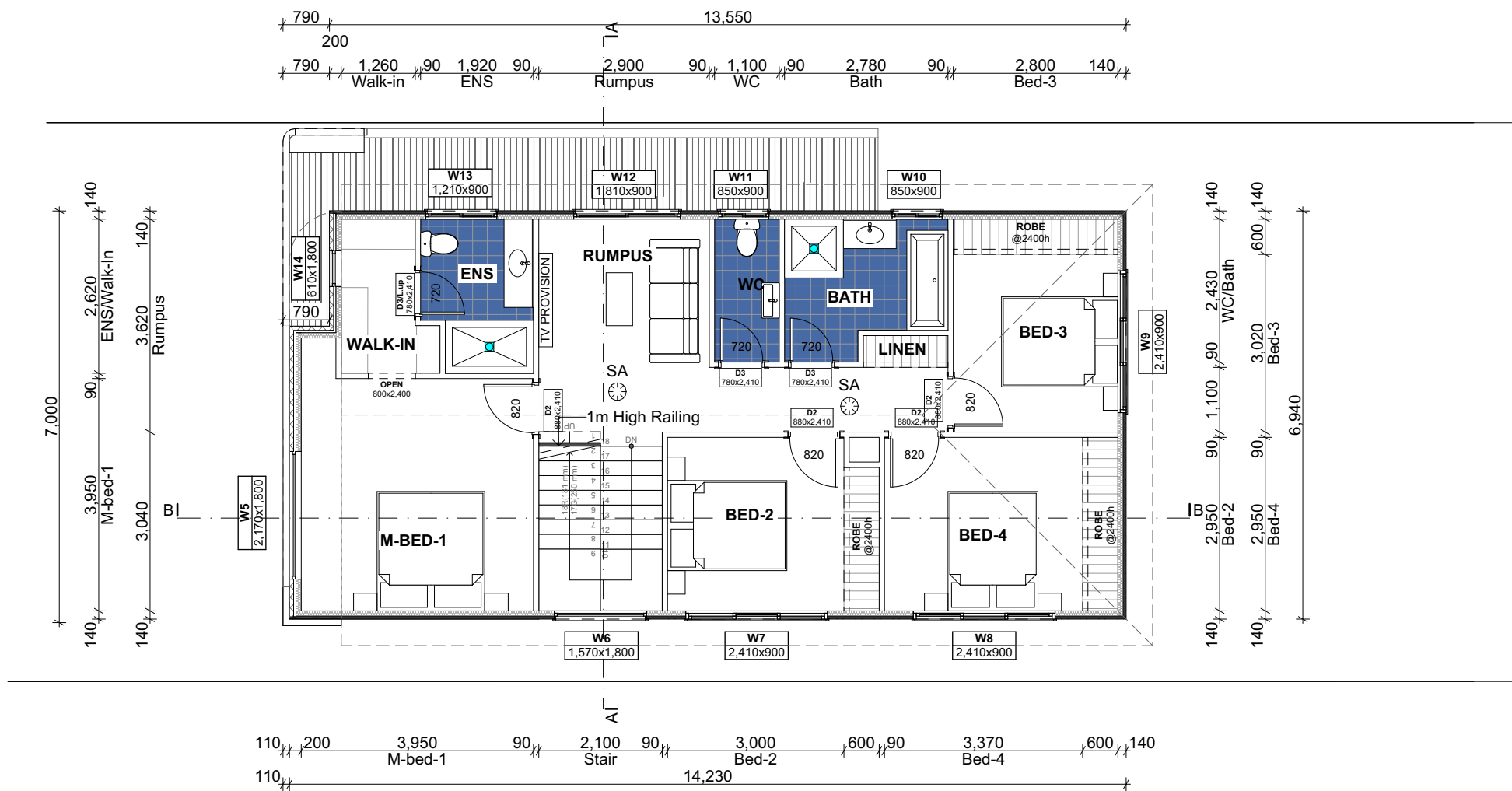
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DRAWING : **Ground Floor Plan**
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PROJECT : **DOUBLE STOREY DWELLING**
#11,Raven circuit,Warriewood
Lot-11 D.P 271326

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ISSUE A

Selected Cladding with vapour permeable membrane as per manufacturer detail.



2.

First Floor
1:100

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LEGEND		
Ref.img	Mark	Name
	S.A	Smoke Alarm (AS3786 Hard Wired to Mains)
	R.W.T	Rain Water Tank
	E.M	Electric Meter
	A/C	Air Conditioner
	HW	Wall Mounted Hot water System
	P.O.S	Private Open Space
	FW	Floor Waste
	MV	Mechanical Ventilation (All vent to exhaust outside).
	ME	Mechanical Ventilation (All vent to exhaust outside).



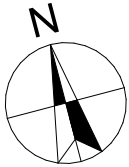
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DRAWING : **First Floor Plan**
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#11,Raven circuit,Warriewood
Lot-11 D.P 271326

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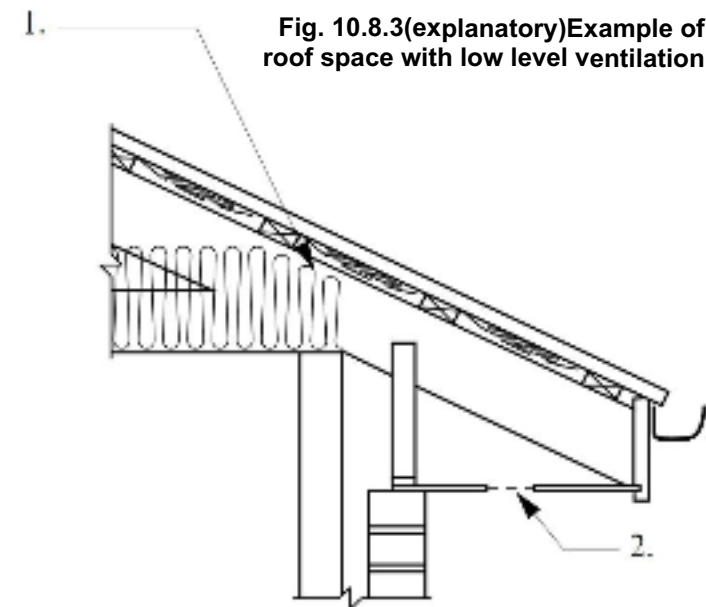
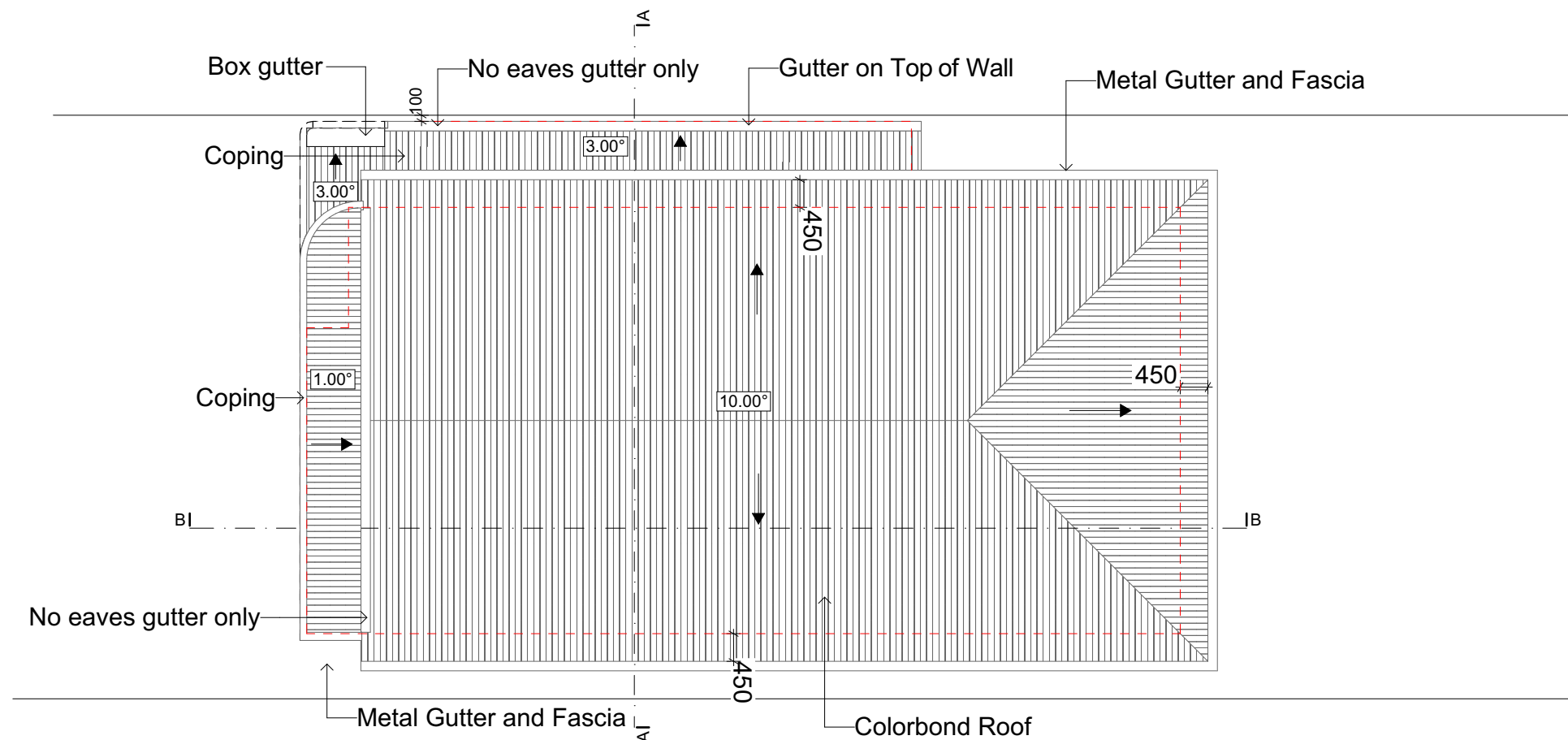


Figure Notes
1. Min 20 mm gap maintained between insulation and sarking
2. Eave ventilation opening in accordance with Table 10.8.3.



3.

Roof
1:100

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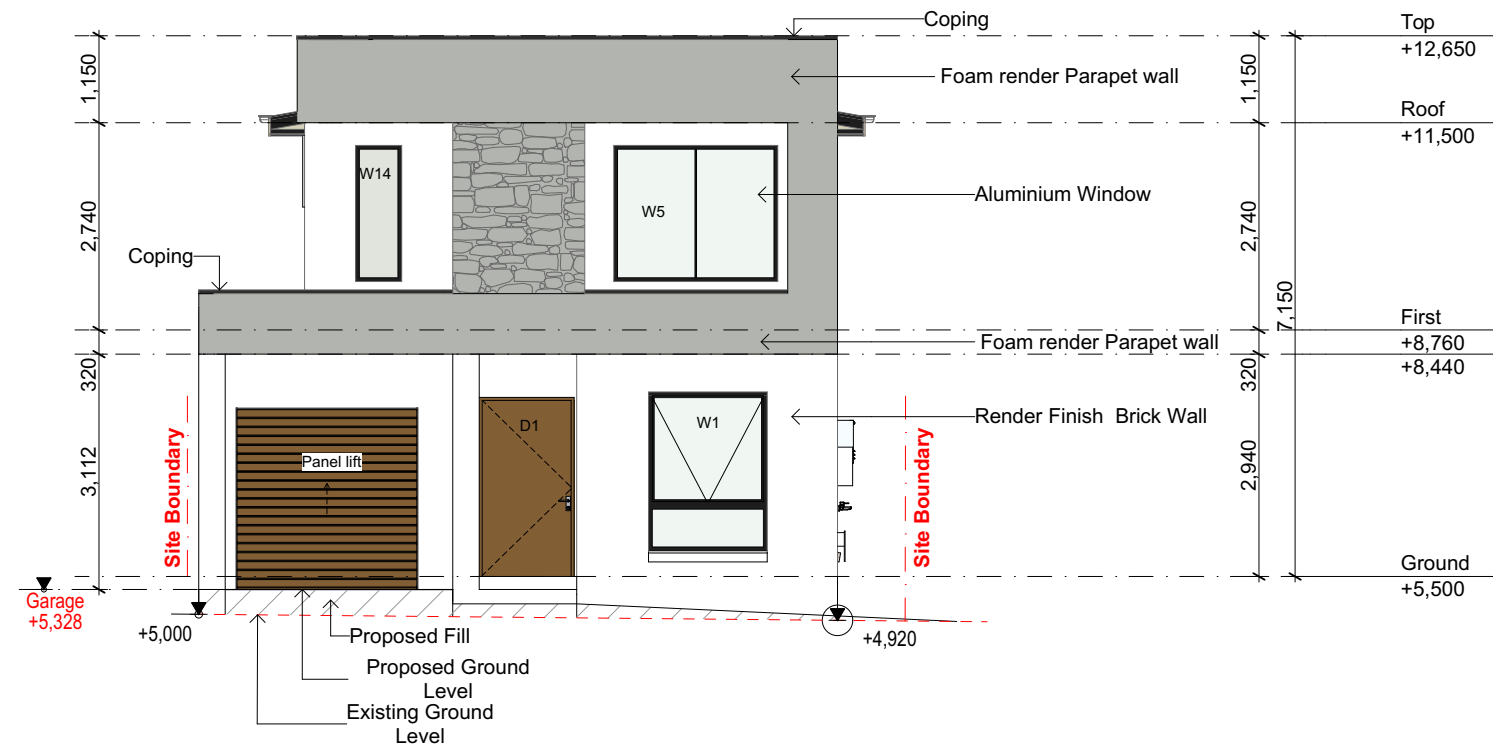


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DRAWING : **Roof Plan**
CLIENT : **Skymark Luxury Living Pty Ltd**
PROJECT : **DOUBLE STOREY DWELLING**
#11, Raven circuit, Warriewood
Lot-11 D.P 271326

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DRAWING : Elevations

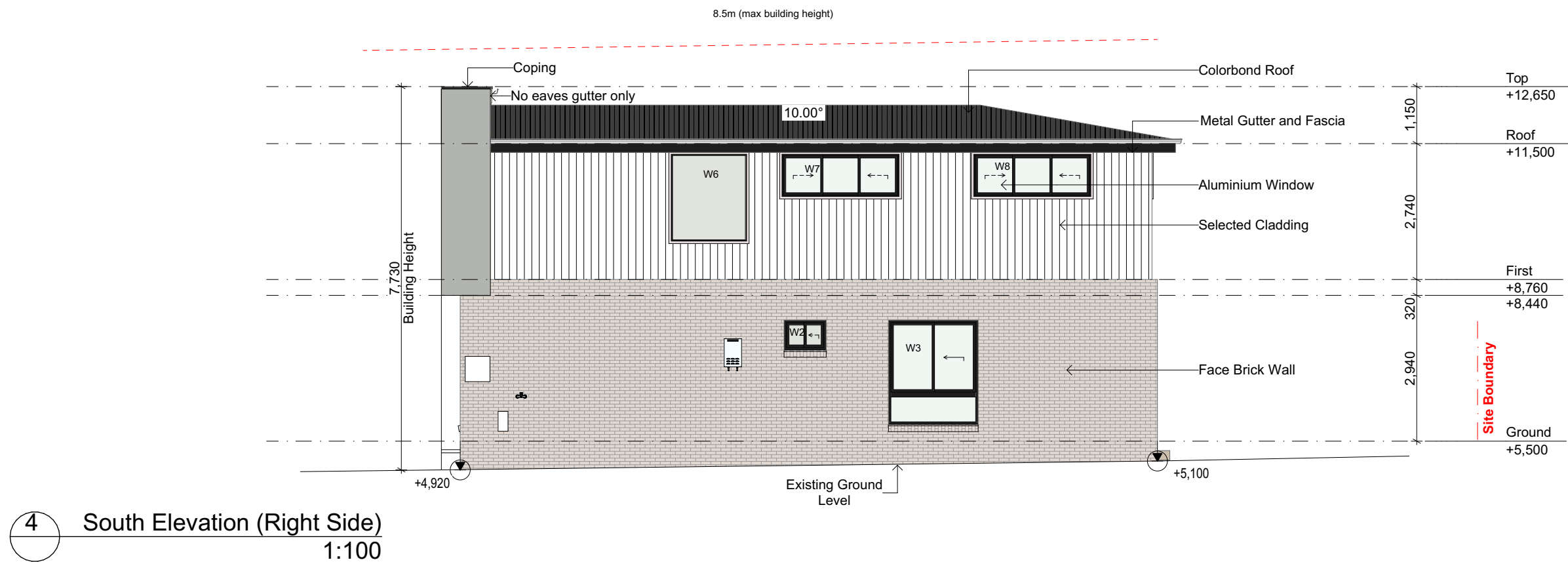
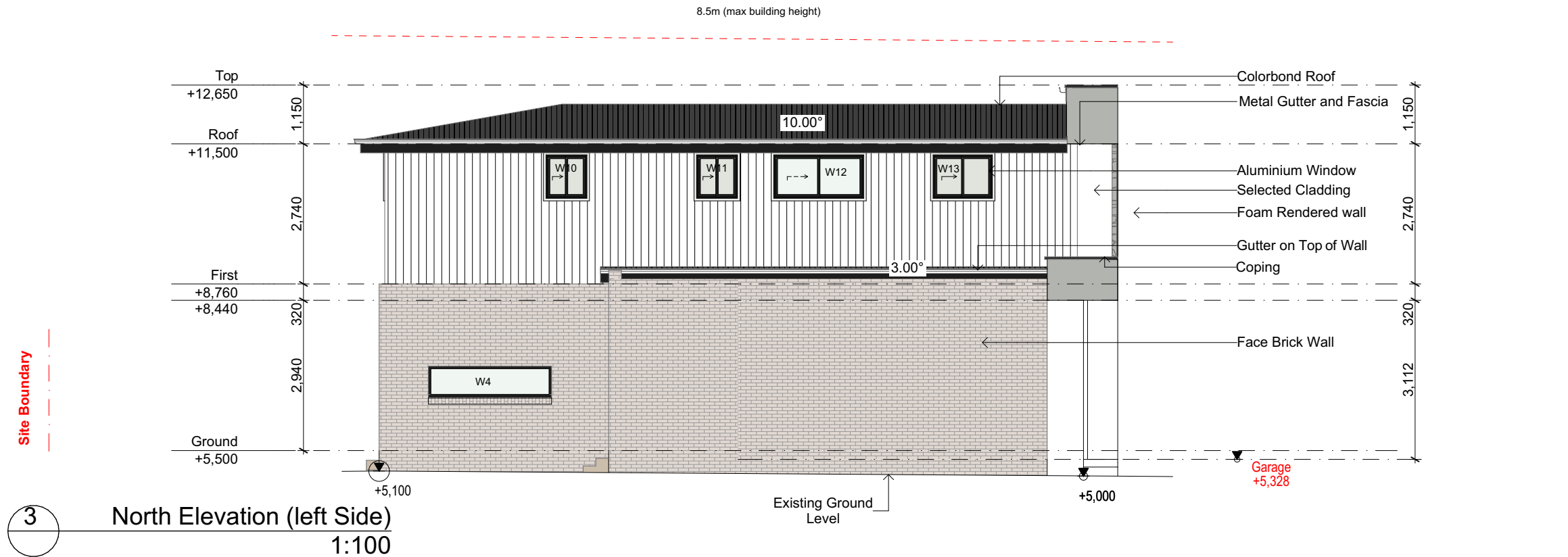
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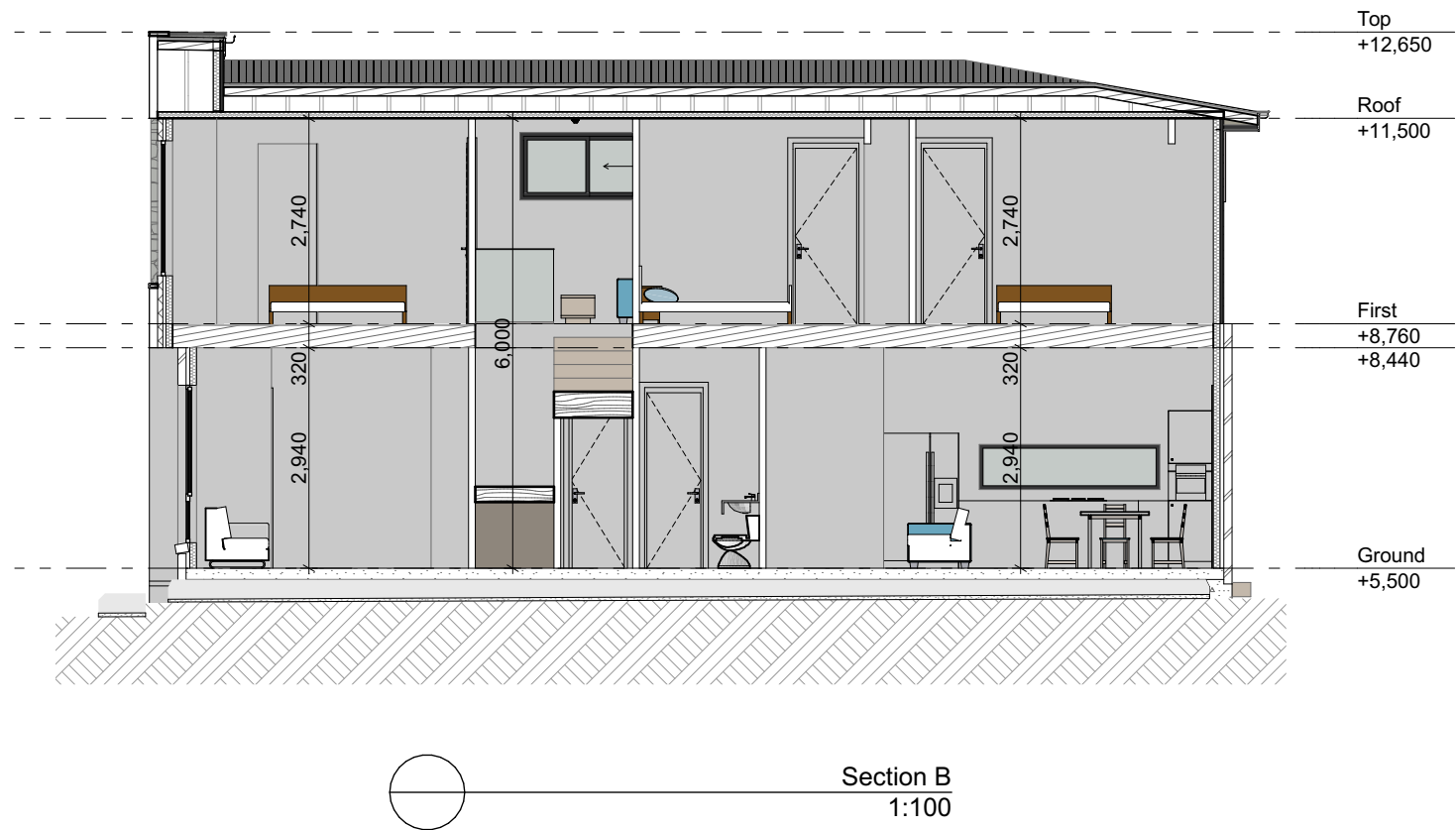
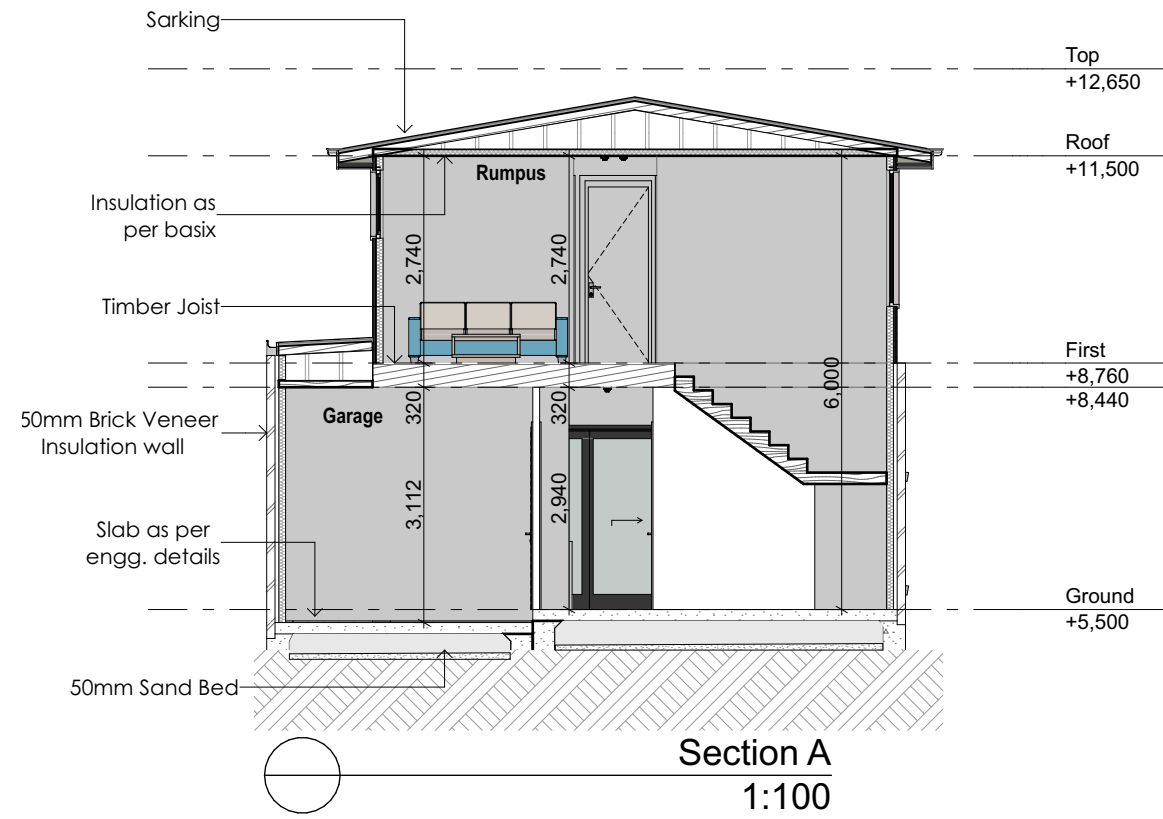
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DRAWING : **Side Elevations**

CLIENT : **Skymark Luxury Living Pty Ltd**

PROJECT : **DOUBLE STOREY DWELLING**
#11, Raven circuit, Warriewood
Lot-11 D.P 271326

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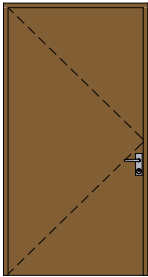
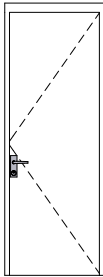
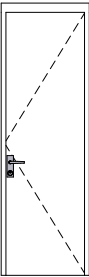
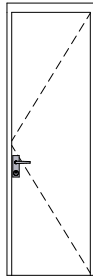




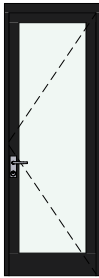
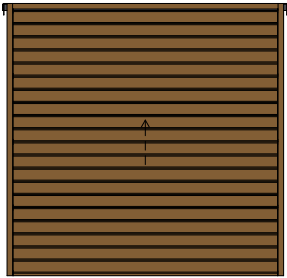
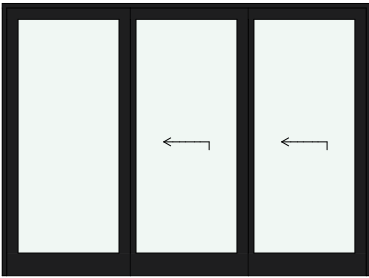
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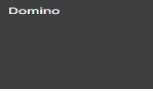

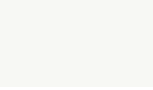


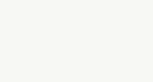


DRAWING : **Sections**
CLIENT : **Skymark Luxury Living Pty Ltd**
PROJECT : **DOUBLE STOREY DWELLING**
#11, Raven circuit, Warriewood
Lot-11 D.P 271326

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APPLICATION : **DA**
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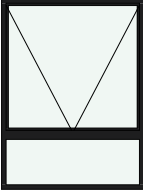

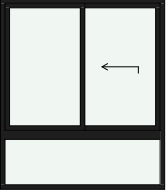
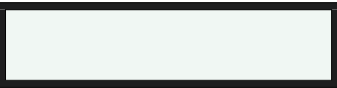
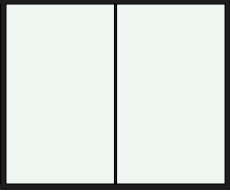
PROJECT NO. **2412 801**
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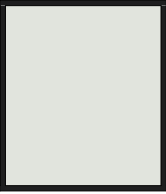
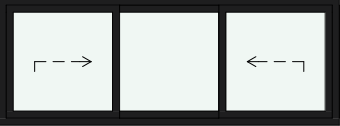
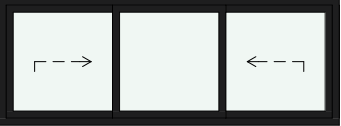


Door Shedule						
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Wallhole Dimensions (W x H)	1,256×2,368	880×2,410	780×2,410	780×2,410	800×2,400	900×2,400
Leaf Dimensions	1,200×2,340	820×2,340	720×2,340	720×2,340	---	---
Elevation						
Quantity	1	5	4	1	1	2
Position	Exterior	Interior	Interior	Interior	Interior	Interior


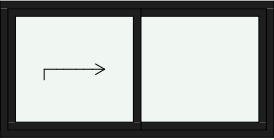
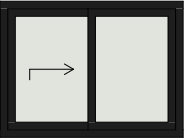

Aluminium Door Schedule			
ID	D4	Panel lift	SD5
Frame Dimensions (W X H)	850×2,410	2,410×2,400	3,250×2,400
Elevation			
QTY	1	1	1
Position	Exterior	Exterior	Exterior

SCHEDULE OF FINISHES		
ELEMENT	SPECIFICATION	COLOUR
Walls		PGH Bricks-Botanicals-Sandalwood
Feature Wall		Dulux-Domino
F.F Walls		James hardie-Axon cladding 133mm smooth-Vivid white
Render Color Facade		Dulux-Vivid White
Window		Monument
Roof		Colorbond-Monument
Gutter		Surfmist
Fascia		Monument
Feature Stone		Sydney Tile Gallery-Stone Wall Cladding- Portland Grey Wall Cladding

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Window Schedule					
ID	W1	W2	W3	W4	W5
Frame Dimensions	1,570×2,100	850×600	1,810×2,100	2,410×600	2,170×1,800
Elevation					
Glass	Glass - Clear	Glass - Obscure	Glass - Clear	Glass - Clear	Glass - Clear
QTY	1	1	1	1	1

Window Schedule					
ID	W6	W7	W8	W9	W10
Frame Dimensions	1,570×1,800	2,410×900	2,410×900	2,410×900	850×900
Elevation					
Glass	Glass - Obscure	Glass - Clear	Glass - Clear	Glass - Clear	Glass - Obscure
QTY	1	1	1	1	1

Window Schedule				
ID	W11	W12	W13	W14
Frame Dimensions	850×900	1,810×900	1,210×900	610×1,800
Elevation				
Glass	Glass - Obscure	Glass - Clear	Glass - Obscure	Glass - Obscure
QTY	1	1	1	1

NOTE:
- TO BE CHECKED AND CONFIRMED BY BUILDER ON SITE BEFORE PLACING ORDER.
-FALL PREVENTION FROM WINDOWS
-WINDOWS TO BE MANUFACTURED IN ACCORDANCE WITH REQUIREMENTS OF BCA CLAUSE 3.9.2.5
1- If Opening withing 1700mm above the floor; and climable elements between 150 and 750 mm above the floor, opening must be permanently restricted to 125mm; or fitted with a non-removable robust screen.
2-If opening between 865 and 1700mm above the floor; and no climable elements between 150 and 760mm bove the floor, opening must be restricted to 125mm; or fitted with a removable robust screen.
3- If opening between 865 of the floor; and climable elements between 150 and 760mm above the floor;or fitted with a non-removable robust screen.
4-If no opening within 1700mm of the floor. No restrictions apply.

Part 3.9.2.6 Protection of openable windows - bedrooms
(a) A window opening in a bedroom must be provided with protection, where the floor below the window is 2 m or more above the surface beneath.
(b) Where the lowest level of the window opening covered by (a) is less than 1.7 m above the floor, the window opening must comply with the following:
(i) The openable portion of the window must be protected with-
(A) a device capable of restricting the window opening; or
(B) a screen with secure fittings;
(ii) A device or screen required by (i) must-
(A) not permit a 125 mm sphere to pass through the window opening or screen; and
(B) resist an outward horizontal action of 250 N against the-
(aa) window restrained by a device; or
(bb) screen protecting the opening; and
(C) have a child resistant release mechanism if the screen or device is able to be removed, unlocked or overridden.
(c) Where a device or screen provided in accordance with (b)(i) is able to be removed, unlocked or overridden, a barrier with a height not less than 865 mm above the floor is required to the openable window in addition to window protection.
(d) A barrier covered by (c) must not-
(i) permit a 125 mm sphere to pass through it; and
(ii) have any horizontal or near horizontal elements between 150 mm and 760 mm above the floor that facilitate climbing.

3.9.2.7 Protection of openable windows - rooms other than bedrooms
(a) A window opening in a room other than a bedroom must be provided with protection where the floor below the window is 4 m or more above the surface beneath.
(b) The openable part of the window covered by (a) must be protected with a barrier with a height of not less than 865 mm above the floor.
(c) A barrier required by (b) must not-
(i) permit a 125 mm sphere to pass through it; and
(ii) have any horizontal or near horizontal elements between 150 mm and 760 mm above the floor that facilitate climbing.

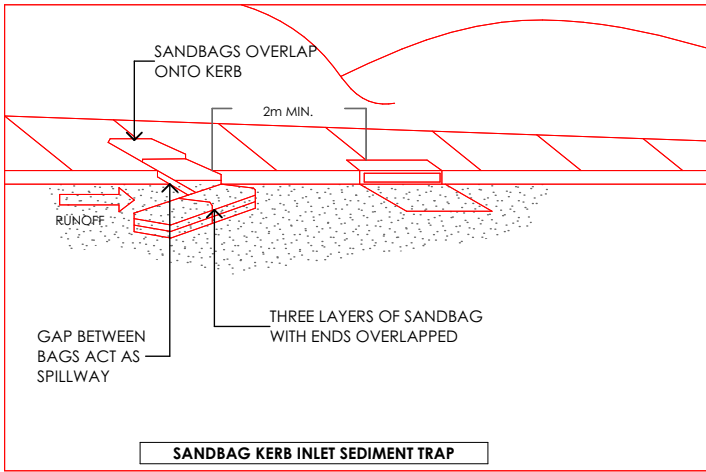
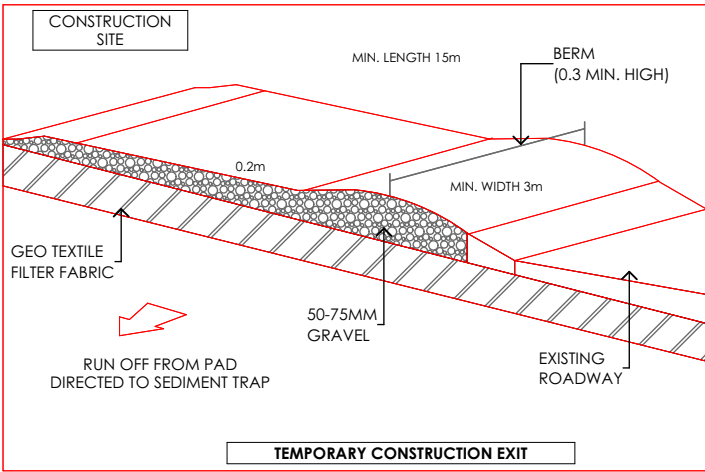
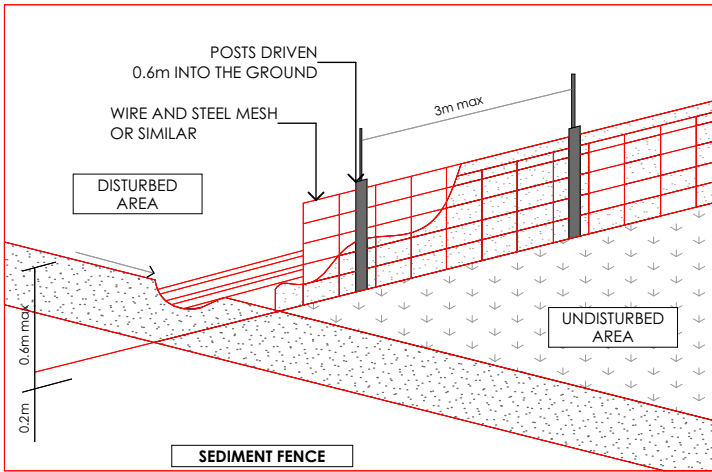
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A	31/03/2025	Issue for DA

DRAWING : Windows Schedule
CLIENT : Skymark Luxury Living Pty Ltd
PROJECT : DOUBLE STOREY DWELLING #11,Raven circuit,Warriewood Lot-11 D.P 271326

DRAWN BY: GS	DATE : 31/03/2025
SCALE:	APPLICATION : DA
PAGE SIZE A3	PAGE NO: 12

PROJECT NO. 2412 801
ISSUE A



SEDIMENT CONTROL NOTES

1. ALL EROSION AND SEDIMENTATION CONTROL MEASURES, INCLUDING REVEGETATION AND STORAGE OF SOIL AND TOPSOIL, SHALL BE IMPLEMENTED TO THE STANDARDS OF THE SOIL CONSERVATION OF NSW.
2. ALL DRAINAGE WORKS SHALL BE CONSTRUCTED AND STABILIZED AS EARLY AS POSSIBLE DURING DEVELOPMENT.
3. SEDIMENT TRAPS SHALL BE CONSTRUCTED AROUND ALL INLET PITS, CONSISTING OF 300mm WIDE x 300mm DEEP TRENCH.
4. ALL SEDIMENT BASINS AND TRAPS SHALL BE CLEANED WHEN THE STRUCTURES AREA MAXIMUM OF 60% FULL OF SOIL MATERIALS, INCLUDING THE MAINTENANCE PERIOD.
5. ALL DISTURBED AREAS SHALL BE REVEGETATED AS SOON AS THE RELEVANT WORKS ARE COMPLETED.
6. SOIL AND TOPSOIL STOCKPILES SHALL BE LOCATED AWAY FROM DRAINAGE LINES AND AREA WHERE WATER MAY CONCENTRATE.
7. FILTER SHALL BE CONSTRUCTED BY STRETCHING A FILTER FABRIC (PROPEX OR APPROVED EQUIVALENT BETWEEN POST AT 3.0m CENTRES. FABRIC SHALL BE BURIED 150mm ALONG ITS LOWER.

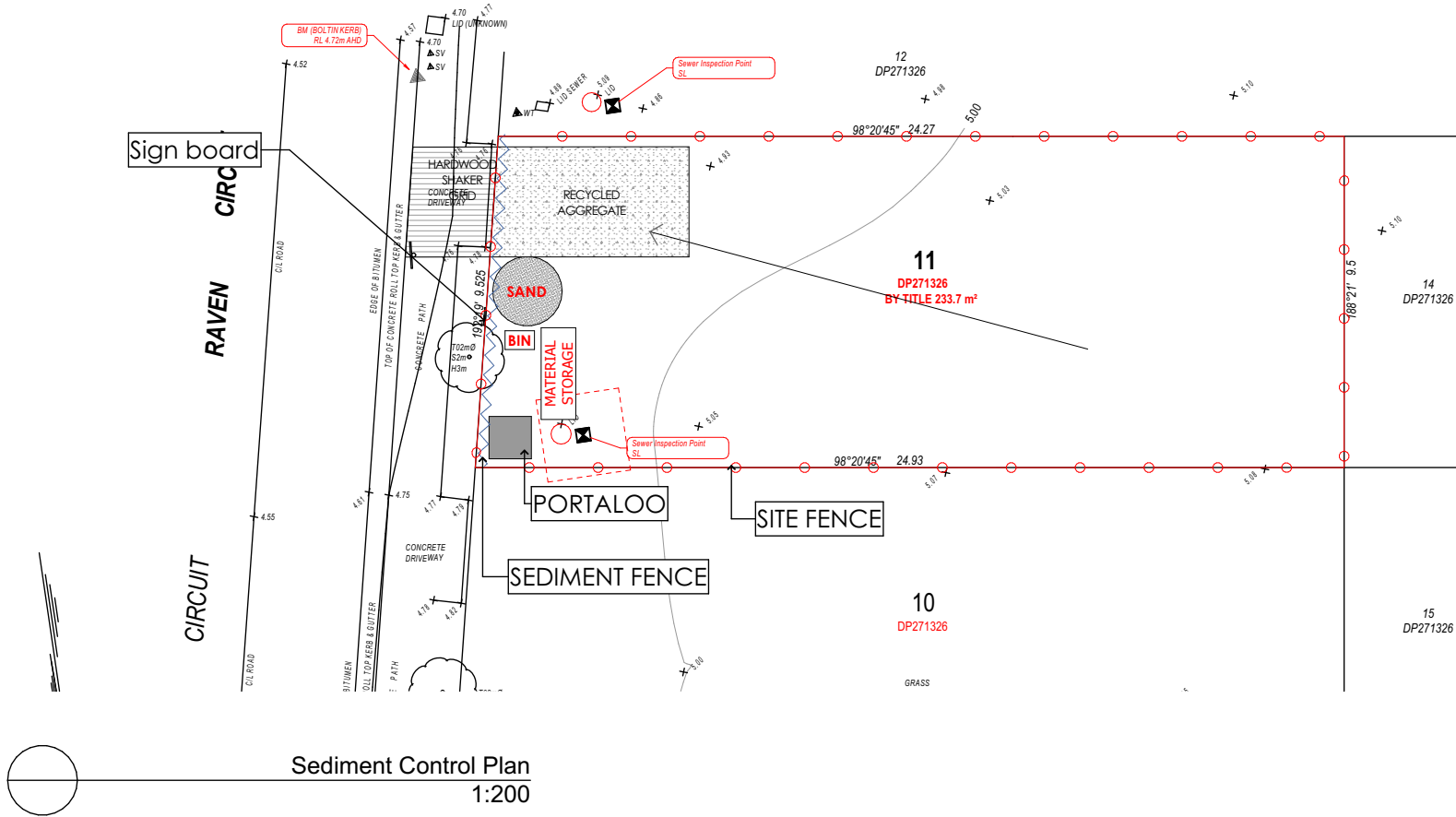
TOPSOIL SHALL BE STRIPPED AND STOCKPILED OUTSIDE HAZARD AREAS SUCH AS DRAINAGE LINES. THIS TOPSOIL IS TO BE RE-SPREAD LATER ON AREAS TO BE REVEGETATED AND STABILISED ONLY. (i.e ALL FOOT-PATHS, BATTERS, SITE, REGRADING AREAS, DRAINAGE RESERVES AND CHANNELS). TOP SOIL SHALL NOT BE SPREAD ON ANY OTHER AREAS SPECIFICALLY INSTRUCTED BY THE SUPERINTENDENT. IF THEY ARE TO REMAIN FOR LONGER THAN ONE MONTH STOCKPILES SHALL BE PROTECTED FROM EROSION BY COVERING THEM WITH A MULCH AND HYDROSEEDING AND, IF NECESSARY, BY LOCATING BANKS OR DRAINS UPSLOPE TO DIVERT THE RUNOFF AROUND THEM. IN SOME CIRCUMSTANCES IT MAY BE NECESSARY TO PLACE BANKS OR DRAINS DOWN STREAM OF A STOCKPILE TO RETARD SEDIMENT LADEN RUNOFF. THE CONTRACTOR SHALL REGULARLY MAINTAIN ALL SEDIMENT AND EROSION CONTROL DEVICES AND REMOVE ACCUMULATED SILT FROM SUCH DEVICES BEFORE NO MORE THAN 60% OF THEIR CAPACITY IS LOST. ALL THE SILT REMOVED SHALL BE DISPOSED OF AS DIRECTED BY THE SUPERINTENDENT. (NO SILT SHALL BE PLACED OUTSIDE THE LIMITS OF WORKS). THE PERIOD FOR MAINTAINING THESE DEVICES SHALL BE AT LEAST UNTIL ALL DISTURBED AREAS ARE REVEGETATED AND FURTHER AS MAY BE DIRECTED BY THE SUPERINTENDENT OR COUNCIL.

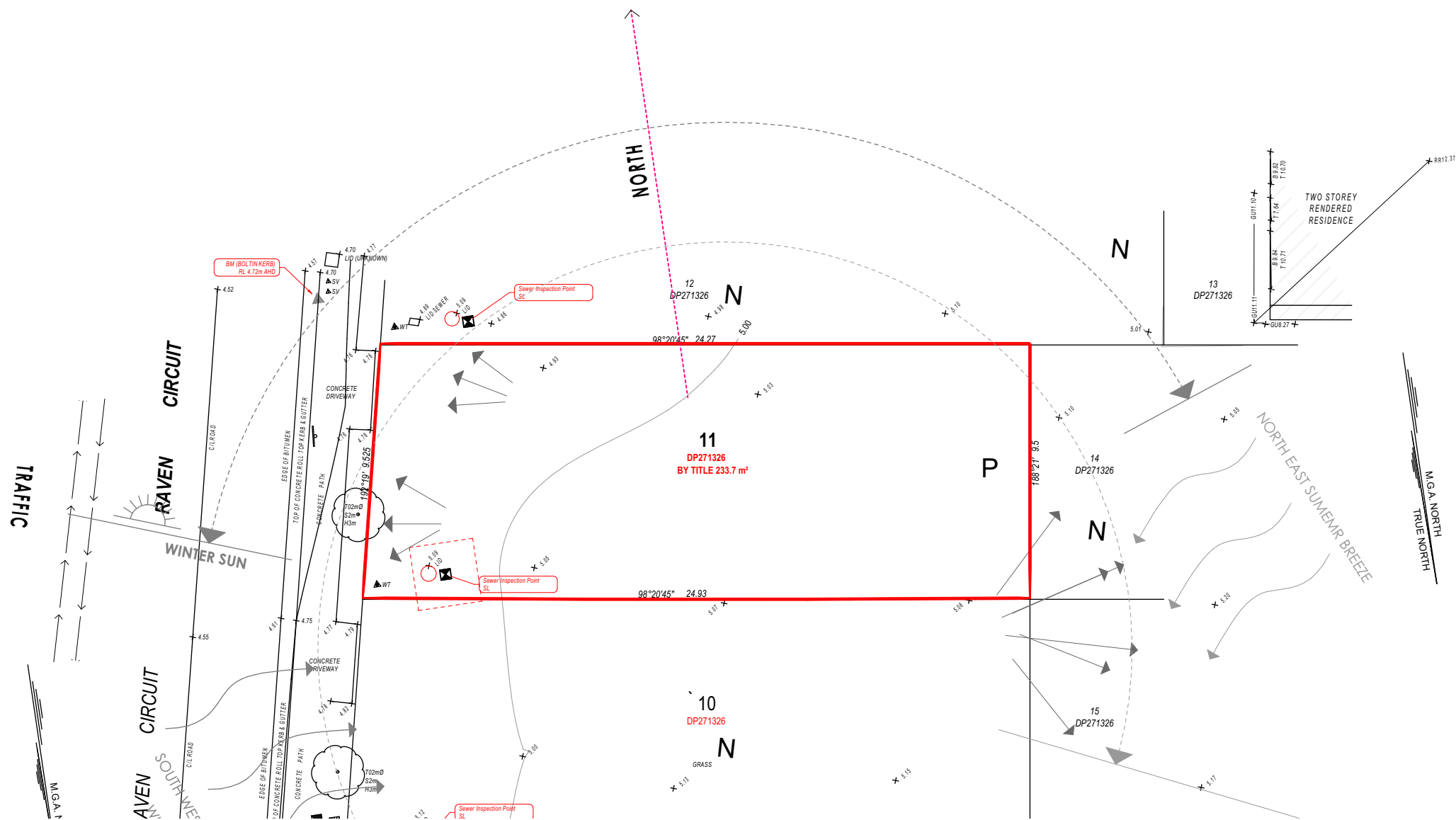
SEDIMENT NOTES

1. CONSTRUCT SEDIMENT FENCE AS CLOSE AS POSSIBLE AND PARALLEL TO THE CONTOURS OF THE SITE.
2. DRIVE 1.5 m LONG STAR PICKETS INTO GROUND Max 3 m Ctrs.
3. DIG A 150 mm DEEP TRENCH ALONG THE UPSLOPE LINE OF THE FENCE FOR THE BOTTOM OF THE FABRIC TO BE ENTRENCHED.
4. BACKFILL TRENCH OVER BASE OF FABRIC.
5. FIX SELF SUPPORTING GEOTEXILE TO UPSLOPE SIDE OF POSTS WITH WIRE TIES OR AS RECOMMENDED BY GEOTEXILE MANUFACTURER.
6. JOIN SECTIONS OF FABRIC AT A SUPPORT POST WITH A Min LAP OF 150 mm.

*THIS DRAWING SHALL BE READ IN CONJUNCTION WITH THE FOLLOWING:

1-ARCHITECTURAL PLANS
2-CONTOUR AND DETAIL SURVEY





Site Analysis
1:200



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- SITE BOUNDARY
- VIEWS
- NEIGHBOURHOOD
- PRIVATE OPEN SPACE
- TRAFFIC

NOTE
The Builder shall check all dimensions and levels on site prior to construction. Notify any errors, discrepancies or omissions to the building designer. Refer to written dimensions only. Do not scale drawings. Drawings shall not be used for construction purposes until issued for construction. This drawing reflects a design by Innovative Eco Designs and is to be used only for work when authorised in writing by Innovative Eco Designs.

All boundaries and contours are subject to survey drawing. All levels to Australian Height Data. It is the contractors responsibility to confirm all measurements on site and locations of any services prior to work on site.

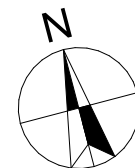
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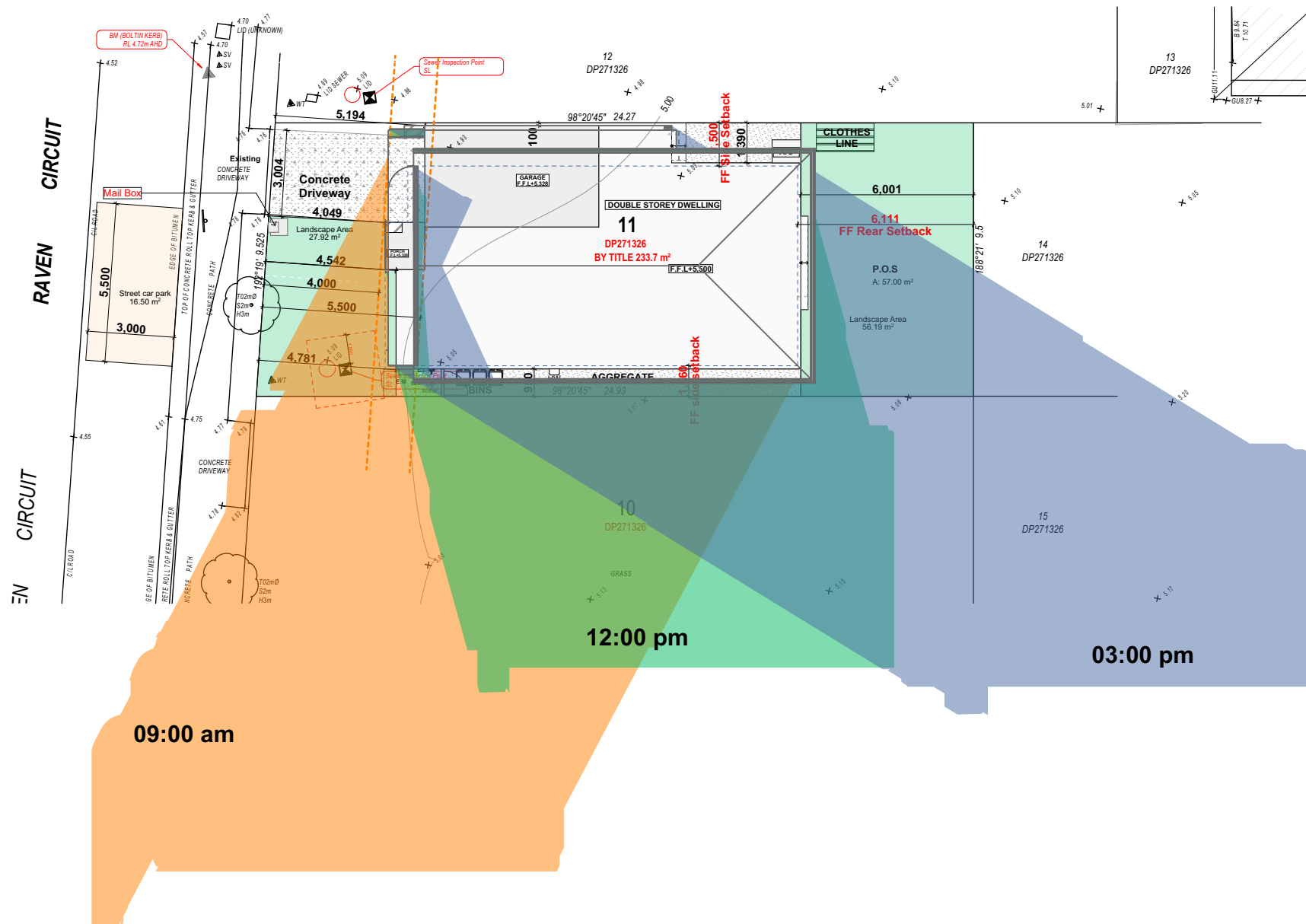


A	31/03/2025	Issue for DA



DRAWING : **Site Analysis**
CLIENT : **Skymark Luxury Living Pty Ltd**
PROJECT : **DOUBLE STOREY DWELLING**
#11, Raven circuit, Warriewood
Lot-11 D.P 271326

DRAWN BY: GS
SCALE: 1:200
PAGE SIZE A3
DATE : 31/03/2025
APPLICATION : DA
PAGE NO: 14
PROJECT NO. 2412 801
ISSUE **A**



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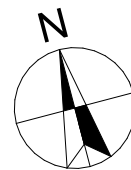
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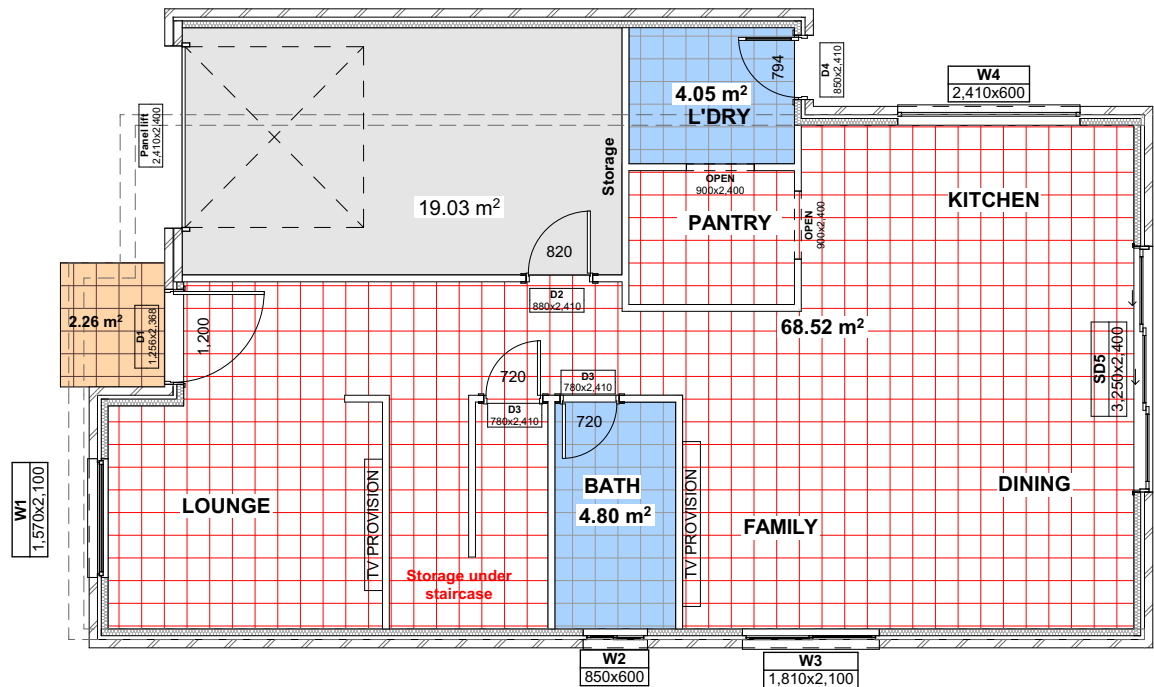


A	31/03/2025	Issue for DA

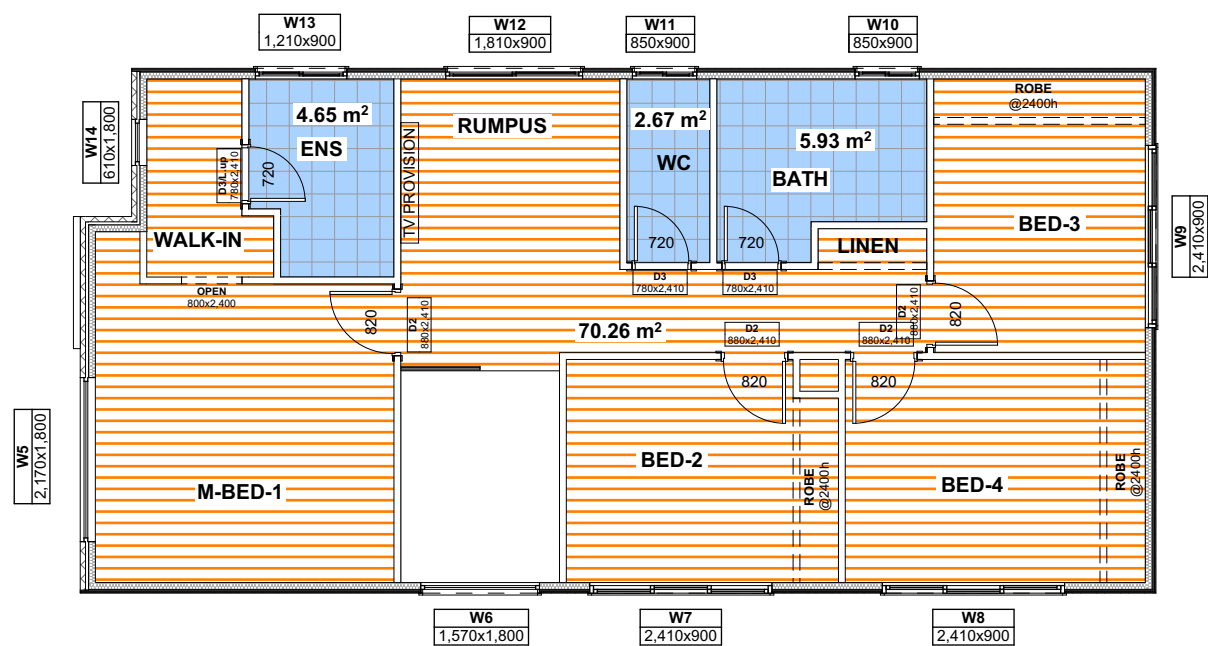


DRAWING : Shadow Analysis
CLIENT : Skymark Luxury Living Pty Ltd
PROJECT : DOUBLE STOREY DWELLING
#11, Raven circuit, Warriewood
Lot-11 D.P 271326

DRAWN BY: GS	DATE : 31/03/2025	PROJECT NO. 2412 801
SCALE: 1:200	APPLICATION : DA	ISSUE A
PAGE SIZE A3	PAGE NO: 15	



Floor Finish- Ground Floor
1:100



Floor Finish- First Floor
1:100

LEGEND	
Ref.img	Name
	Indoor Tiles
	Outdoor Tiles
	Concrete finish
	Tile for wet area
	Timber finish



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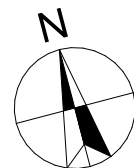
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A	31/03/2025	Issue for DA
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DRAWING : Floor Finish- Ground Floor
CLIENT : Skymark Luxury Living Pty Ltd
PROJECT : DOUBLE STOREY DWELLING
#11, Raven circuit, Warriewood
Lot-11 D.P 271326

DRAWN BY: GS
SCALE: 1:100
PAGE SIZE: A3
DATE : 31/03/2025
APPLICATION : DA
PAGE NO: 16
PROJECT NO. 2412 801
ISSUE A