### **LEGEND**

BALUSTRADE TYPE 1 **BALUSTRADE TYPE 2** 

BLK CONCRETE BLOCK RETAINING WALL TO ENG. DETAILS

BRK BRICKWORK WALL TO ENG. DETAILS

**CEILING LEVEL** 

COL 1 STEEL COLUMN TO ENGINEERS DETAILS

CONC 1 STEEL TROWEL FINISH R.C. SLAB TO ENG. DETAILS

cos CHECK ON SITE **CPT** 

CARPET ON UNDERLAY

COLORBOND FINISHED RAINWATER SPREADER CT1 CERAMIC FLOOR TILES (REFER FINISHES SCHEDULE) COLORBOND FINISH RAINWATER CIRCULAR

DOWNPIPE CONNECTED INTO EXISTING STORMWATER

ΕX

**EXGL** 

EXISTING GROUND LEVEL
EXTERNAL WALL FINISH TYPE 1 TO 3 EP1-3

FC<sub>1</sub> COMPRESSED FIBROUS CEMENT WALL CLADDING

- SET JOINTS & TEXTURE PAINT FINISH

Driveway Plan & Section

FINISHED FLOOR LEVEL

FLASHING FL FLOOR WASTE

COLORBOND FINISH EAVES GUTTER

**GRATED DRAIN** NTS NOT TO SCALE STRUCTURAL LEVEL

## DRAWING SCHEDULE

1729 A231

DRAWING NUMBER	DRAWING TITLE	AKEA SCHEDUL	.E
1729 A000	Cover Sheet	NAME	AREA
1729 A001	Basix Notes	THIRD FLOOR BALCONY	57.00 m
1729 A101	Garage Floor Plan	THIRD FLOOR TERRACE	19.81 m
1729 A102	First Floor Plan	THIRD FLOOR	89.84 m
1729 A103	Second Plan	SECOND FLOOR	79.49 m
1729 A104	Third Floor Plan	FIRST FLOOR PORCH	9.67 m <sup>2</sup>
1729 A105	Roof Plan	FIRST FLOOR	73.59 m
1729 A201	North East Elevation	GARAGEFLOOR	19.17 m
1729 A202	South East Elevation	GARAGE	40.71 m
1729 A203	North West		
1729 A204	South West	TOTAL	389.28
1729 A221	Section AA		

THIS PLAN TO BE READ IN CONJUNCTION WITH MOD2018/0271

ADEA COUEDINE

NORTHERN BEACHES COUNCIL



## **GENERAL NOTES**

BUILDER IS RESPONSIBLE FOR ENSURING THAT ALL CONSTRUCTION SHALL BE CARRIED OUT IN ACCORDANCE AND COMPLIANCE WITH THE "DEEMED-TO-SATISFY PROVISIONS" OF THE

UNLESS OTHERWISE SPECIFIED; MATERIALS AND WORKMANSHIP SHALL BE IN ACCORDANCE WITH THE RELEVANT STANDARDS OF THE STANDARDS ASSOCIATION OF AUSTRALIA. THE RELEVANT STANDARD SHALL BE THE CURRENT EDITION. IT IS THE BUILDERCONTRACTOR'S RESPONSIBILITY TO PROVIDE, IF REQUIRED, CERTIFICATION SHOWING COMPLIANCE WITH

CHECK ALL DIMENSIONS ON SITE BEFORE PROCEEDING WITH THE WORK OF THE CONTRACT. NOTIFY PROJECT MANAGER OF ANY OMISSION OR CONFLICT IN DRAWINGS AND THEIR RELATION TO SPECIFICATIONS, SURVEY OR SITE CONDITIONS.

DO NOT SCALE DRAWINGS.

CONFIRM ALL EXISTING AND PROPOSED DIMENSIONS ON SITE AND INFORM THE ARCHITECT/PROJECT MANAGER OF ANY DISCREPANCY.

SETTING OUT: REFER DEVELOPMENT CONDITIONS OF CONSENT AND PCA REQUIREMENTS. PROVIDE SETOUT CONFIRMATION BY REGISTERED SURVEYOR. BOUNDARY IDENTIFICATION IS . SPECIFIC AHO INSTRUCTIONS TO BE FOLLOWED FOR THE PAD AREA - DETAILED IN DRAWIN THE BUILDER/CONTRACTOR'S RESPONSIBILITY. ENSURE BOUNDARIES ARE CLEARLY

CHECK SURVEYS: CONFIRM ALL FINISHED SETBACKS PRIOR TO CONSTRUCTION. BOUNDARY OFF-SETS ARE CRITICAL AND TAKE PRECEDENCE OVER BUILDING SETOUT CLOSING

STRUCTURAL ENGINEERS AND HYDRAULIC ENGINEERS DRAWINGS AND SPECIFICATIONS TAKE AREA. PRECEDENCE OVER ARCHITECTURAL DOCUMENTS WITH THE EXCEPTION OF SETOUT. ANY SETOUT CONFLICTS OR CONFLICTS BETWEEN THE ARCHITECTURAL DRAWINGS AND

BY-LAWS, FEES AND NOTICES

RETAIN ON SITE THE ORIGINAL STAMPED PLANS AND DEVELOPMENT CONSENT FOR THE

BUILDER IS RESPONSIBLE FOR THE CONNECTION OF ALL SERVICES, WATER, DRAINAGE AND ELECTRICITY ETC INCLUDING APPLYING FOR ALL SUCH PERMITS, PAYMENT OF ALL FEES AND CHARGES LEVIED BY RELEVANT BODIES FOR SUCH CONNECTIONS.

BUILDER IS RESPONSIBLE FOR COMPLYING WITH ALL APPLICABLE LOCAL AUTHORITY BY-LAWS, INCLUDING THE DEVELOPMENT CONSENT.

SHOP DRAWINGS ARE REQUIRED FOR THE FOLLOWING ITEMS PRIOR TO FABRICATION: ALL WINDOWS AND DOORS

· AIR-CONDITIONING / MECHANICAL SYSTEM DESIGN AND INSTALLATION

### **ADDITIONAL NOTES**

• TREE MANAGEMENT WILL FOLLOW INSTRUCTIONS SET OUT IN UFA'S ABORICULTURAL

PRIVACY SCREENS SHALL BE USED ON THE SOUTHERN SIDE OF THE TOP FLOOR BALCONY

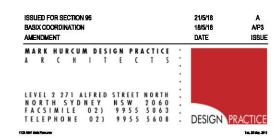


**COVER SHEET** 

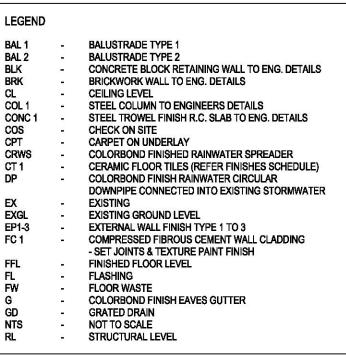
**SECTION 96 - NEW RESIDENCE 30 LYLY ROAD ALLAMBIE HEIGHTS** 

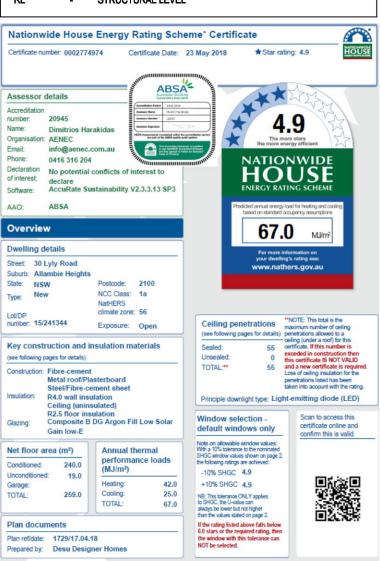
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**FEBRUARY 2018** 



MARK HURCUM DESIGN PRACTICE PTY LIMITED 2018





		nstruction details: External Walls	
	ription: Concrete Wall 200mm R4.		A many 1160 - 3
	rnal colour: Medium rnal absorptance (%): 50	Internal colour: Light Internal absorptance (%): 30	Area: 116.0 m <sup>2</sup>
	r Material	1-2001 mil dozor pradice (10 ft 20	Thickness (mm
1	Concrete: standard (2400 kg/m³)		10
2	Polystyrene extruded: R4.0		11:
3	Plaster (cement:sand 1:4)		1.
Desci	ription: CLADDED WALL / R4.0	p	
	rnal colour: Medium	Internal colour: Light	Area: 294.4 m <sup>2</sup>
	rnal absorptance (%): 50	Internal absorptance (%): 30	
Laye	r Material	7h	Thickness (mm
1			
3			111
3	Plasierboard		1
		Construction details: Windows	
		site B DG Argon Fill Low Solar Gain low-E -Clear:	J =
	SHGC = 0.39: U = 2.23: SHGC = 0	0.39	
	ufacturer: DEFAULTS ion: 2.3.3.13.0.9	Evning Data: 15/6/2010	
	em U-value (NFRC): 2.23	Expiry Date: 15/6/2019 SHGC (NFRC): 0.39	Area: 71.8 m <sup>2</sup>
	ne type: Custom	Frame colour: Medium	parent / Lom
	ne fraction (%): 17	Frame absorptance (%): 50	
	r Material		Thickness (mm
1	Glass		1
2			1
3	Glass		
Danie	wintion, CMD 005 044	oite A DC Asson Fill Low Salar Cala Inn F. Clara	
	SHGC = 0.32: U = 2.20: SHGC = 0	site A DG Argon Fill Low Solar Gain low-E -Clear:	U =
	ufacturer: DEFAULTS	1.34	
	ion: 2.3.3.13.0.9	Expiry Date: 15/6/2019	
	m U-value (NFRC): 2.20	SHGC (NFRC): 0.32	Area: 19.2 m <sup>2</sup>
Fran	ne type: Custom	Frame colour: Medium	
Fran	ne type: Custom ne fraction (%): 33	Frame colour: Medium Frame absorptance (%): 50	
Fran			Thickness (mm
Fran Laye 1	ne fraction (%): 33 r Material Glass		
Fran Laye 1 2	ne fraction (%): 33  r Material Glass Glazing air gap (generic)		1
Fran Laye 1	ne fraction (%): 33  r Material Glass Glazing air gap (generic)		1:
Fran Laye 1 2 3	ne fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass Con		1:
Eran Laye 1 2 3	ne fraction (%): 33  r Material Glass Glazing air gap (generic) Glass  Con ription: Timber (solid)	Frame absorptance (%): 50	1
Exter	ne fraction (%): 33 r Material Glass Glazing air gap (generic) Glass Conription: Timber (solid) rnal colour: Medium	Frame absorptance (%): 50  struction details: External Doors  Internal colour: Medium	1
Laye 1 2 3 Descri	refraction (%): 33 r Material Glass Glassing air gap (generic) Glass  Conription: Timber (solid) mal colour: Medium mal absorptance (%): 50	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup>
Laye  1 2 3  Descri	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Con ription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material	Frame absorptance (%): 50  struction details: External Doors  Internal colour: Medium	Area: 7.5 m <sup>2</sup>
Laye  1 2 3  Descri	refraction (%): 33 r Material Glass Glazing air gap (generic) Glass Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)	Frame absorptance (%): 50  Internal colour: Medium Internal absorptance (%): 50	Area: 7.5 m <sup>2</sup>
Laye 1 2 3 Descri	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)	Frame absorptance (%): 50  Internal colour: Medium Internal absorptance (%): 50  Instruction details: Floor/Ceilings	Area: 7.5 m <sup>2</sup>
Exter Layer Description	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm; cer	Frame absorptance (%): 50  Internal colour: Medium Internal absorptance (%): 50  Instruction details: Floor/Ceilings  amic tiles/bare	Area: 7.5 m <sup>2</sup>
Laye  1 2 3  Description  Exter  Laye  1  Description	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)	Frame absorptance (%): 50  Internal colour: Medium Internal absorptance (%): 50  Instruction details: Floor/Ceilings	Area: 7.5 m <sup>2</sup> Thickness (mm
Fram Laye 1 2 3 Desci Exter Exter 1 Desci Top o	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) mal colour: Medium mal absorptance (%): 50 r Material Timber (Mountain ash)  Conription: Concrete Slab 100 mm: cervolour: Medium	Frame absorptance (%): 50   Internal colour: Medium   Internal absorptance (%): 50   Internal absorptance (%): 50   Internal absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5
Fram Laye 1 2 3 Descri Exter Layer 1	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer colour: Medium absorptance (%): 50 r Material Coramic tile	Frame absorptance (%): 50   Internal colour: Medium   Internal absorptance (%): 50   Internal absorptance (%): 50   Internal absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 50
Frant Laye 1 2 3 Descri Exter Layer 1 Descri Top of Top a Layer 1 2	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Con ription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Cor ription: Concrete Slab 100 mm: cer rolour: Medium absorptance (%): 50 r Material Coramic tile Plaster (cement:sand 1:4)	Frame absorptance (%): 50   Internal colour: Medium   Internal absorptance (%): 50   Internal absorptance (%): 50   Internal absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5  Area: 58.5 m <sup>2</sup> Thickness (mm
Fram Laye 1 2 3 Descri Exter Layer 1	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer colour: Medium absorptance (%): 50 r Material Coramic tile	Frame absorptance (%): 50   Internal colour: Medium   Internal absorptance (%): 50   Internal absorptance (%): 50   Internal absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 50  Area: 58.5 m <sup>2</sup> Thickness (mm
Frant Laye 1 2 3 Descri Exter Exter Laye 1 Top a Laye 1 2 3	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Cor ription: Concrete Slab 100 mm: cer colour: Medium rbsorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³)	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 50  Area: 58.5 m <sup>2</sup> Thickness (mm
Describer of Layer 1 Describer of Layer 1 Describer of Layer 1 Layer 1 Layer 1 Layer 1 Layer 2 3	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer colour: Medium absorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 50) Area: 58.5 m <sup>2</sup> Thickness (mm 10)
Fran Laye 1 2 3 Descri Exter Layer 1 1 Descri Top (	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Con ription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Cor ription: Concrete Slab 100 mm: cer colour: Medium absorptance (%): 50 r Material Concrete Slab 100 mm: cer colour: Medium absorptance (%): 50 r Medium corription: Concrete Slab 100 mm: cer colour: Medium concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car colour: Medium	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5  Area: 58.5 m <sup>2</sup> Thickness (mm
Fran Laye 1 2 3 Descr Exter Exter Laye 1 2 3 3	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer colour: Medium thesorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car colour: Medium thesorptance (%): 50	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5) Area: 58.5 m <sup>2</sup> Thickness (mm 1 10 Area: 13.5 m <sup>2</sup>
Fran Laye 1 2 3 Descr Exter Exter Laye 1 2 3 3	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Con ription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Cor ription: Concrete Slab 100 mm: cer colour: Medium absorptance (%): 50 r Material Concrete Slab 100 mm: cer colour: Medium absorptance (%): 50 r Medium corription: Concrete Slab 100 mm: cer colour: Medium concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car colour: Medium	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 50  Area: 58.5 m <sup>2</sup> Thickness (mm 10  Area: 13.5 m <sup>2</sup> Thickness (mm 41)
Exter Layer 1 Description of the Control of the Con	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer colour: Medium dbsorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car colour: Medium absorptance (%): 50 ription: Concrete Slab 100 mm: car colour: Medium absorptance (%): 50 r Material	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5  Area: 58.5 m <sup>2</sup> Thickness (mm 10  Area: 13.5 m <sup>2</sup>
Frant Layer 1 2 3 Describer 1 Describer 1 2 3 Describer 1 2 3 Describer 1 2 3	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer rolour: Medium Absorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car colour: Medium Absorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³)	Internal colour: Medium     Internal absorptance (%): 50     Internal colour: Medium     Internal absorptance (%): 50     Internal colour: Medium     Internal absorptance (%): 50     Internal colour: Medium     Bottom absorptance (%): 50     Internal colour: Medium     Bottom absorptance (%): 50     Bottom colour: Medium     Bottom absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5  Area: 58.5 m <sup>2</sup> Thickness (mm 10  Area: 13.5 m <sup>2</sup>
Frant Layer 1 2 3 Descri Exter Layer 1 2 3 Descri Top a Layer 1 2 3 Layer 1 2 3 Layer 1 2 3 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1	re fraction (%): 33 r Material Glass Glass Glass Glass Glass Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer rolour: Medium rabsorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car rolour: Medium absorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car rolour: Medium absorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³)	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5)  Area: 58.5 m <sup>2</sup> Thickness (mm 10)  Area: 13.5 m <sup>2</sup> Thickness (mm 2 10)
Describer of the control of the cont	re fraction (%): 33 r Material Glass Glass Glass Glass Glass Glass Glass Con ription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Cor ription: Concrete Slab 100 mm: cer colour: Medium absorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car colour: Medium absorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car colour: Medium absorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³) ription: Steel: ceramic tiles/air gap/ colour: Medium	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5  Area: 58.5 m <sup>2</sup> Thickness (mm 10  Area: 13.5 m <sup>2</sup>
Frant Layer 1 2 3 Describer 1 Describer 2 3 Describer 2 3 Describer 2 1 2 2 3	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer rolour: Medium theory the first of the first	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5  Thickness (mm 1 10  Area: 13.5 m <sup>2</sup> Thickness (mm 2 10  Area: 61.0 m <sup>2</sup>
Describer of the control of the cont	re fraction (%): 33 r Material Glass Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) mal colour: Medium mal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer rolour: Medium dbsorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car colour: Medium dbsorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³) ription: Steel: ceramic tiles/air gap/ rolour: Medium dbsorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³) ription: Steel: ceramic tiles/air gap/ rolour: Medium dbsorptance (%): 50 r Material	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5)  Area: 58.5 m <sup>2</sup> Thickness (mm 10  Area: 13.5 m <sup>2</sup> Thickness (mm 20 10  Area: 61.0 m <sup>2</sup> Thickness (mm
Describer 1 Describer 2 Describer 3 Describer 3 Describer 4 Describer 4 Describer 5 Describer 6 Describer 6 Describer 7 Describer 6 Describer 7 Describer 7 Describer 7 Describer 7 Describer 7 Describer 8 Describer 9 Descri	re fraction (%): 33 r Material Glass Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) rnal colour: Medium rnal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer rolour: Medium absorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car rolour: Medium absorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car rolour: Medium absorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³) ription: Steel: ceramic tiles/air gap/ rolour: Medium absorptance (%): 50 r Material Ceramic tile Ceramic tile	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup> Thickness (mm 5)  Area: 58.5 m <sup>2</sup> Thickness (mm 10)  Area: 13.5 m <sup>2</sup> Thickness (mm 20)  Area: 61.0 m <sup>2</sup> Thickness (mm 10)
Frant Layer 1 2 3 Descri Exter Layer 1 2 3 Descri Top a Layer 1 2 2 Descri Top a Layer 1 2 2 1 2	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) mal colour: Medium mal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer colour: Medium absorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car colour: Medium absorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³) ription: Steel: ceramic tiles/air gap/ colour: Medium absorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³) ription: Steel: ceramic tiles/air gap/ colour: Medium absorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³)	Frame absorptance (%): 50	Area: 7.5 m <sup>2</sup>
Describer 1 Describer 2 Describer 3 Describer 3 Describer 4 Describer 4 Describer 5 Describer 6 Describer 6 Describer 7 Describer 6 Describer 7 Describer 7 Describer 7 Describer 7 Describer 7 Describer 8 Describer 9 Descri	re fraction (%): 33 r Material Glass Glass Glazing air gap (generic) Glass  Conription: Timber (solid) mal colour: Medium mal absorptance (%): 50 r Material Timber (Mountain ash)  Corription: Concrete Slab 100 mm: cer colour: Medium absorptance (%): 50 r Material Ceramic tile Plaster (cement:sand 1:4) Concrete: standard (2400 kg/m³) ription: Concrete Slab 100 mm: car colour: Medium absorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³) ription: Steel: ceramic tiles/air gap/ colour: Medium absorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³) ription: Steel: ceramic tiles/air gap/ colour: Medium absorptance (%): 50 r Material Carpet 10 + felt underlay 10 Concrete: standard (2400 kg/m³)	Frame absorptance (%): 50	Area: 58.5 m <sup>2</sup> Thickness (mm  1: 100  Area: 13.5 m <sup>2</sup> Thickness (mm  2: 100  Area: 61.0 m <sup>2</sup>

Top colour: Medium Top absorptance (%): 50 Bottom absorptance (%): 50 Layer Material  1 Ceramic tile 2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5) Plasterboard  Description: Steel: carpet/air gap/plasterboard Top colour: Medium Top absorptance (%): 50 Bottom absorptance (%): 50 Layer Material 1 Carpet 10 + felt underlay 10 2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6) Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6) Plasterboard  Description: Steel: carpet/air gap/FC R2.5 Top colour: Medium Description: Steel: carpet/air gap/FC R2.5 Top colour: Medium Description: Steel: carpet/air gap/FC R2.5 Top colour: Medium Description: Steel: carpet/air gap/FC R2.5 Top absorptance (%): 50 Bottom absorptance (%): 50 Layer Material 1 Carpet 10 + felt underlay 10 2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6): 50 Layer Material 1 Carpet 10 + felt underlay 10 2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6): 50 Layer Material 1 Carpet 10 + felt underlay 10 2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6): 50 Layer Material 1 Carpet 10 + felt underlay 10 5 Fibre-cement sheet	0.9; E = 0.82) 9  Area: 45.2 m <sup>2</sup> Thickness (mm 2 0.9; E = 0.82) 9 0.9; E = 0.82) 9  Area: 19.9 m <sup>2</sup> Thickness (mn 2
Layer   Material  1	0.9; E = 0.82) 9 0.9; E = 0.82) 9  Area: 45.2 m <sup>2</sup>   Thickness (mn   2   2   2   2   2   2   2   2   2
1   Ceramic tile 2   Steel 3   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 4   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 5   Plasterboard  Description: Steel: carpet/air gap/plasterboard  Top colour: Medium   Bottom colour: Medium  Top absorptance (%): 50   Bottom absorptance (%): 50  Layer   Material   1   Carpet 10 + felt underlay 10 2   Steel   3   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 4   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 5   Plasterboard  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium   Bottom colour: Medium  Top absorptance (%): 50   Bottom absorptance (%): 50  Layer   Material   Carpet 10 + felt underlay 10 2   Steel   Steel	0.9; E = 0.82) 9 0.9; E = 0.82) 9  Area: 45.2 m <sup>2</sup>   Thickness (mn   2   2   2   2   2   2   2   2   2
2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4 4 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5 5 Plasterboard  Description: Steel: carpet/air gap/plasterboard  Top absorptance (%): 50 Bottom absorptance (%): 50  Layer Material 1 Carpet 10 + felt underlay 10 2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4 4 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5 5 Plasterboard  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium Bottom colour: Medium  Top absorptance (%): 50  Layer Material 1 Carpet 10 + felt underlay 10 2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5)  Bottom absorptance (%): 50  Layer Material 1 Carpet 10 + felt underlay 10 2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6) 4 Glass fibre batt: R2.5 5 Fibre-cement sheet	0.9; E = 0.82) 99 0.9; E = 0.82) 99 1  Area: 45.2 m <sup>2</sup> Thickness (mn 2 0.9; E = 0.82) 9 0.9; E = 0.82) 9 1  Area: 19.9 m <sup>2</sup> Thickness (mn 2
4 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5 Plasterboard  Description: Steel: carpet/air gap/plasterboard  Top colour: Medium  Top absorptance (%): 50  Layer Material  1 Carpet 10 + felt underlay 10  2 Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6 Plasterboard  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium  Top absorptance (%): 50  Layer Material  1 Carpet 10 + felt underlay 10  2 Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6 Medium)  Top absorptance (%): 50  Layer Material  1 Carpet 10 + felt underlay 10  2 Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6 Medium)  Garpet 10 + felt underlay 10  Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6 Medium)  Garpet 10 + felt underlay 10  Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6 Medium)	0.9; E = 0.82) 9  Area: 45.2 m <sup>2</sup> Thickness (mn 2 0.9; E = 0.82) 9 0.9; E = 0.82) 9 1  Area: 19.9 m <sup>2</sup> Thickness (mn 2
Description: Steel: carpet/air gap/plasterboard  Top colour: Medium  Top absorptance (%): 50  Layer  Material  1 Carpet 10 + felt underlay 10  2 Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5 Plasterboard  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium  Top absorptance (%): 50  Bottom absorptance (%): 50  Layer  Material  1 Carpet 10 + felt underlay 10  2 Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5 Steel)  Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5 Steel)  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5 Steel)  4 Glass fibre batt: R2.5  5 Fibre-cement sheet	Area: 45.2 m <sup>2</sup>
Description: Steel: carpet/air gap/plasterboard  Top colour: Medium  Top absorptance (%): 50  Layer  Material  Carpet 10 + felt underlay 10  Steel  Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4  Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5  Plasterboard  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium  Top absorptance (%): 50  Bottom colour: Medium  Bottom colour: Medium  Top absorptance (%): 50  Bottom absorptance (%): 50  Layer  Material  Carpet 10 + felt underlay 10  Steel  Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6): 50  Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6): 50  Steel  Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6): 50  Bottom absorptance (%): 50  Steel  Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/6): 50  Glass fibre batt: R2.5  Fibre-cement sheet	Area: 45.2 m <sup>2</sup>
Top colour: Medium Top absorptance (%): 50 Bottom absorptance (%): 50 Layer Material 1   Carpet 10 + felt underlay 10 2   Steel 3   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 4   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 5   Plasterboard  Description: Steel: carpet/air gap/FC R2.5 Top colour: Medium Bottom colour: Medium Top absorptance (%): 50 Bottom absorptance (%): 50 Layer Material 1   Carpet 10 + felt underlay 10 2   Steel 3   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 4   Glass fibre batt: R2.5 5   Fibre-cement sheet	Thickness (mn 2 0.9; E = 0.82) 9 0.9; E = 0.82) 9  Area: 19.9 m <sup>2</sup> Thickness (mn 2
Top colour: Medium Top absorptance (%): 50 Bottom absorptance (%): 50 Layer Material 1   Carpet 10 + felt underlay 10 2   Steel 3   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 4   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 5   Plasterboard  Description: Steel: carpet/air gap/FC R2.5 Top colour: Medium Bottom colour: Medium Top absorptance (%): 50 Bottom absorptance (%): 50 Layer Material 1   Carpet 10 + felt underlay 10 2   Steel 3   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 4   Glass fibre batt: R2.5 5   Fibre-cement sheet	Thickness (mn 2 0.9; E = 0.82) 9 0.9; E = 0.82) 9  Area: 19.9 m <sup>2</sup> Thickness (mn 2
Layer   Material   1	2 0.9; E = 0.82) 9 0.9; E = 0.82) 9  Area: 19.9 m <sup>2</sup>   Thickness (mn) 2
1   Carpet 10 + felt underlay 10 2   Steel 3   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 4   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 5   Plasterboard  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium   Bottom colour: Medium  Top absorptance (%): 50   Bottom absorptance (%): 50  Layer Material   Carpet 10 + felt underlay 10 2   Steel   3   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 4   Glass fibre batt: R2.5 5   Fibre-cement sheet	2 0.9; E = 0.82) 9 0.9; E = 0.82) 9  Area: 19.9 m <sup>2</sup>   Thickness (mn) 2
2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5 Plasterboard  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium Bottom colour: Medium  Top absorptance (%): 50 Bottom absorptance (%): 50  Layer Material 1 Carpet 10 + felt underlay 10 2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4 Glass fibre batt: R2.5 5 Fibre-cement sheet	0.9; E = 0.82) 9 0.9; E = 0.82) 9 1 Area: 19.9 m <sup>2</sup> Thickness (mn
Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5 Plasterboard  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium Bottom colour: Medium  Top absorptance (%): 50 Bottom absorptance (%): 50  Layer Material  1 Carpet 10 + felt underlay 10  2 Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4 Glass fibre batt: R2.5  5 Fibre-cement sheet	0.9; E = 0.82) 9 0.9; E = 0.82) 9 1 Area: 19.9 m <sup>2</sup> Thickness (mn
4 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/5  Plasterboard  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium  Bottom colour: Medium  Top absorptance (%): 50  Layer Material  1 Carpet 10 + felt underlay 10  2 Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4)  4 Glass fibre batt: R2.5  5 Fibre-cement sheet	0.9; E = 0.82) 9 1  Area: 19.9 m²  Thickness (mn) 2
5 Plasterboard  Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium  Top absorptance (%): 50  Layer Material  1 Carpet 10 + felt underlay 10  2 Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4)  4 Glass fibre batt: R2.5  5 Fibre-cement sheet	Area: 19.9 m <sup>2</sup> Thickness (mn
Description: Steel: carpet/air gap/FC R2.5  Top colour: Medium  Top absorptance (%): 50  Layer   Material  1   Carpet 10 + felt underlay 10  2   Steel  3   Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4)  4   Glass fibre batt: R2.5  5   Fibre-cement sheet	Area: 19.9 m² Thickness (mn
Top colour: Medium Top absorptance (%): 50 Bottom absorptance (%): 50 Layer Material 1 Carpet 10 + felt underlay 10 2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4) 4 Glass fibre batt: R2.5 5 Fibre-cement sheet	Thickness (mn
Top absorptance (%): 50  Layer Material  1 Carpet 10 + felt underlay 10  2 Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4)  4 Glass fibre batt: R2.5  5 Fibre-cement sheet	Thickness (mn
Layer Material  1 Carpet 10 + felt underlay 10  2 Steel  3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4  4 Glass fibre batt: R2.5  5 Fibre-cement sheet	2
Carpet 10 + felt underlay 10 Steel Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ Glass fibre batt: R2.5 Fibre-cement sheet	2
2 Steel 3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/ 4 Glass fibre batt: R2.5 5 Fibre-cement sheet	
3 Air gap horizontal >66 mm (90 nominal) unventilated non-reflective (0.9/4 Glass fibre batt: R2.5 Fibre-cement sheet	
4 Glass fibre batt: R2.5 5 Fibre-cement sheet	
5 Fibre-cement sheet	11
Description: Concrete Slab 100 mm: carpet/bare R2.5 Top colour: Medium Bottom colour: Medium	A many 1 0 2
Top colour: Medium Bottom colour: Medium Top absorptance (%): 50 Bottom absorptance (%): 50	Area: 1.0 m <sup>2</sup>
Layer Material	Thickness (mn
1 Carpet 10 + felt underlay 10	2
2 Concrete: standard (2400 kg/m³)	10
3 Polystyrene extruded: R2.5	7
4 Bituminous roof membrane	1
Description: Concrete Slab 100 mm: ceramic tiles/bare R2.5	X80
Top colour: Medium Bottom colour: Medium	Area: 13.3 m <sup>2</sup>
Top absorptance (%): 50 Bottom absorptance (%): 50	I TOTAL TOTAL CONTRACTOR OF THE PARTY OF THE
Layer Material  1 Ceramic tile	Thickness (mn
2 Plaster (cement:sand 1:4)	1
3 Concrete: standard (2400 kg/m³)	10
4 Polystyrene extruded: R2.5	7
5 Bituminous roof membrane	1
Constanting let the Later - I Well-	
Construction details: Internal Walls Description: Concrete wall to lift	
First colour: Medium Last colour: Light	Area: 45.6 m <sup>2</sup>
First absorptance (%): 50 Last absorptance (%): 30	4
Layer Material	Thickness (mn
1 Concrete: standard (2400 kg/m³)	10
2 Plaster (cement:sand 1:4)	1
Description: Plasterboard on studs	
First colour: Light Last colour: Light	Area: 204.6 m <sup>2</sup>
First absorptance (%): 30 Last absorptance (%): 30	
Layer Material	Thickness (mn
1 Plasterboard	1
<ul> <li>Air gap vertical &gt;66 mm (90 nominal) unventilated non-reflective (0.9/0.9</li> <li>Plasterboard</li> </ul>	
3 Plasterboard	1
Construction details: Roofs	
Description: Terrace above R5.0	
External colour: Light Internal colour: Light	Area: 58.0 m <sup>2</sup>
External absorptance (%): 30 Internal absorptance (%): 30	
Layer Material	Thickness (mn
1 Ceramic tile 2 Timber (hardwood)	1
2 Timber (hardwood) 3 Glass fibre batt (k = 0.044 density = 12 kg/m3)	1 22
4 Air gap horizontal 31-65 mm (40 nominal) unventilated non-reflective (0.	
5 Plasterboard	1
	1
Description: Metal roof system R5.0  External colour: Light Internal colour: Light	Area: 96.1 m <sup>2</sup>
External absorptance (%): 30 Internal absorptance (%): 30	A10a, 90.1 III
	Thickness (mr

Air gap horizontal >66 mm (90 nominal) unventilated reflective (0.6/0.9; E = 0.56)

3 Glass fibre batt (k = 0.044 density = 12 kg/m3)

## CAUTION – ALL OF THE ITEMS BELOW MUST BE ADHERED BY FOR NATHERS TO BE VALID

#### IOTES:

- 1. ALL DOWNLIGHTS TO BE:

  - b. WITH FIRE-RATED COVER/SHIELD TO ALLOW CONTINUOUS INSULATION LED TYPE. IF HALOGEN LIGHT ARE TO BE INSTALLED THIS CERTIFICATION IS
- ALL VENTS AND WALL OPENINGS INSTALLED TO BE "THE SEALED" TYPE
- 3. ALL INSULATION IS TO BE INSTALLED IN ACCORDANCE NCC PART 3.12.1.1
  - a. CREATION OF CONTINUOUS THERMAL BARRIER
  - b. COMPLIANCE WITH AS4859
  - c. MAINTAINING THICKNESS OF BULK INSULATION AND AIR GAPS FOR REFLECTIVE INSULATION
- 4. BUILDING SEALING AS PER NCC PART 3.12.3
  - a. WEATHER SEALS AND DRAFT EXCLUDERS
  - b. DRAFT STOPPER CAPS
- SERVICES AS RER NCC PART 3.12.5
  - a. INSULATION OF SERVICES, PIPING AND DUCTWORK

# THIS PLAN TO BE READ IN CONJUNCTION WITH MOD2018/0271

NORTHERN BEACHES COUNCIL





Project summary		
Project name	30 Lyly Road Allamble Heights_03 30 Lyly Road Allamble Heights 2100 Northern Beaches Council deposited 241344	
Street address		
Local Government Area		
Plan type and plan number		
Lot no.	15	
Section no.	183	
Project type	separate dwelling house	
No. of bedrooms	4	
Project score		
Water	<b>✓</b> 45	Target 40
Thermal Comfort	✓ Pass	Target Pass
Energy	<b>✓</b> 50	Target 50

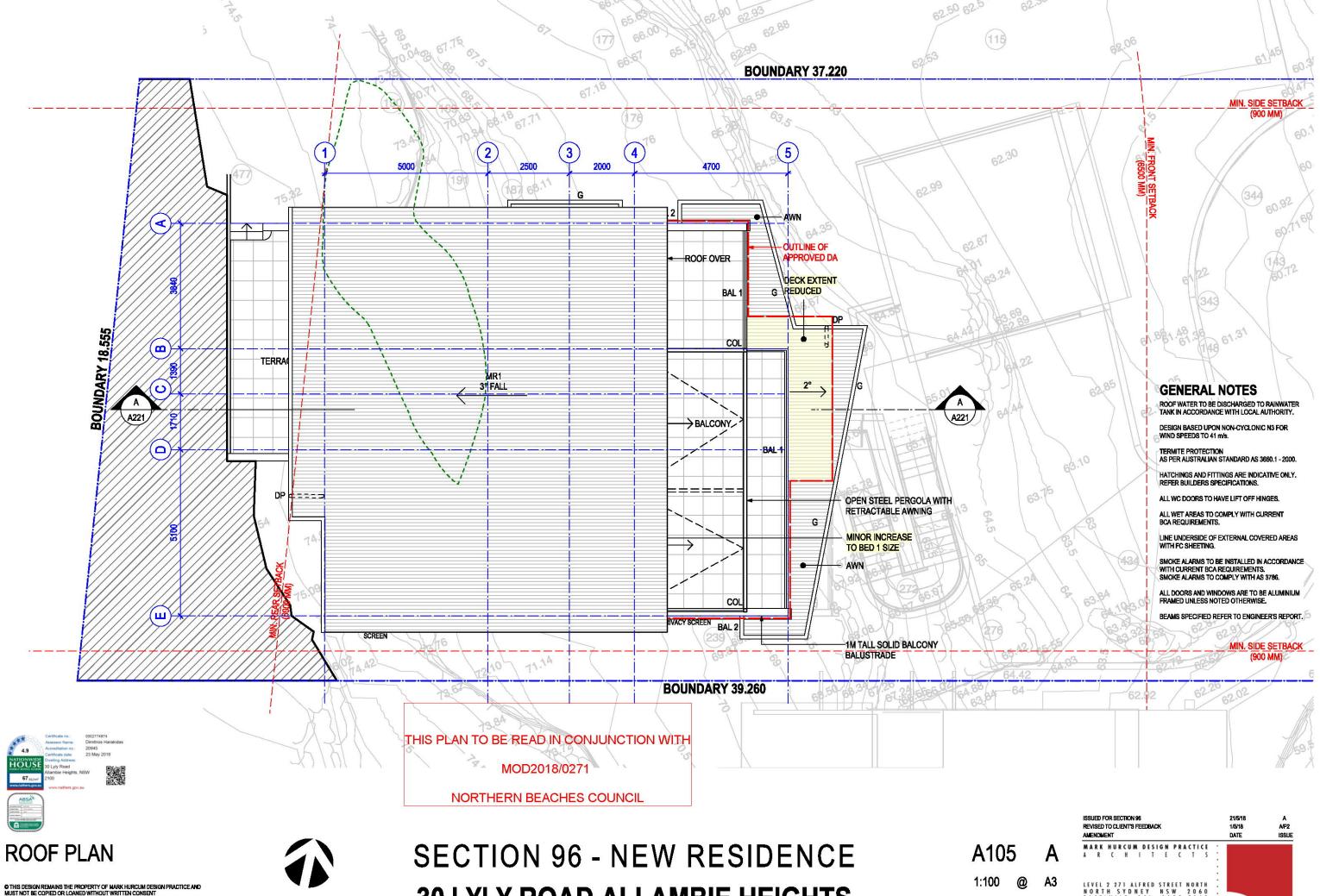
Certificate Prepared by

# **BASIX NOTES**

Layer Material

**FEBRUARY 2018** 

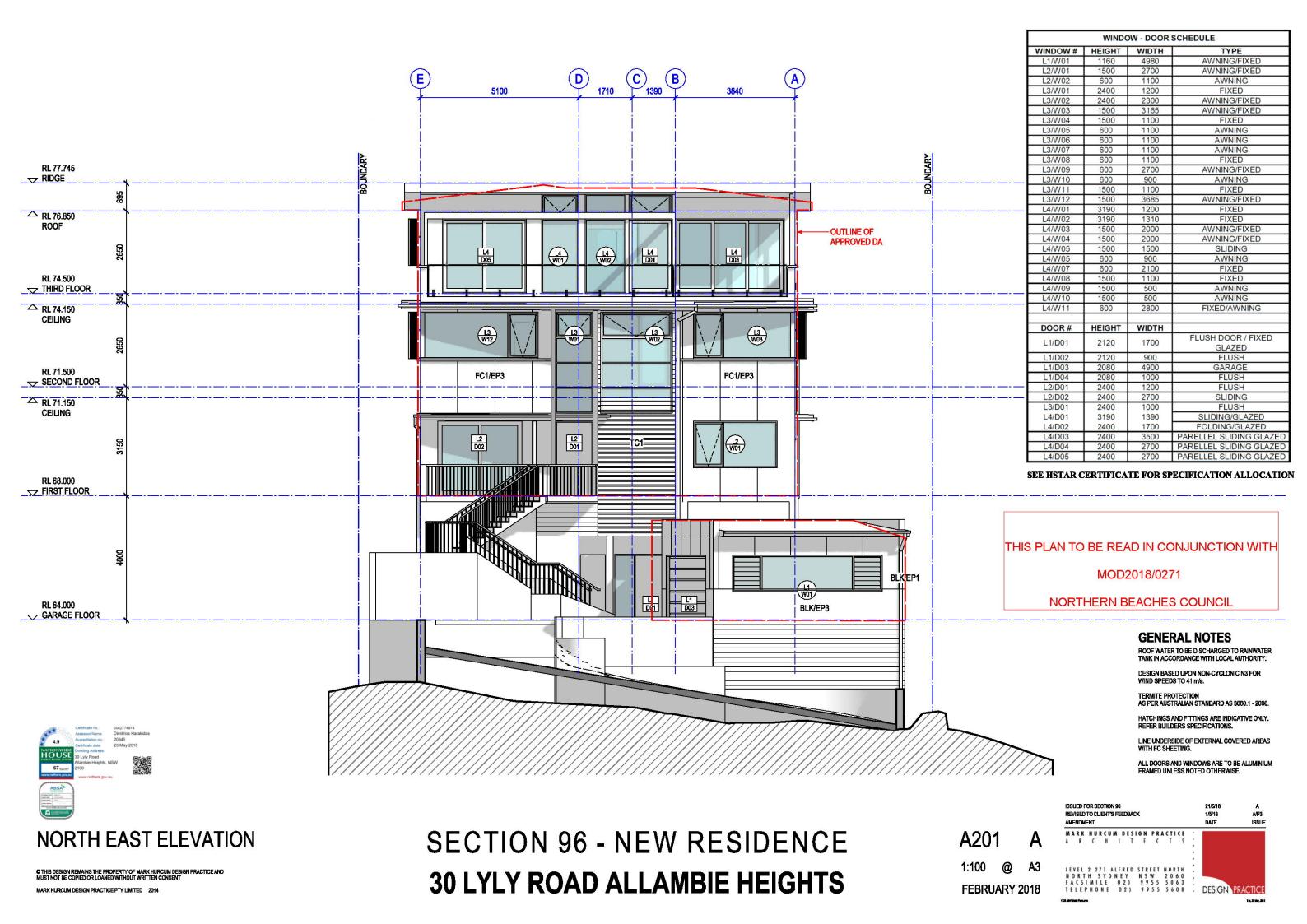
Thickness (mm)

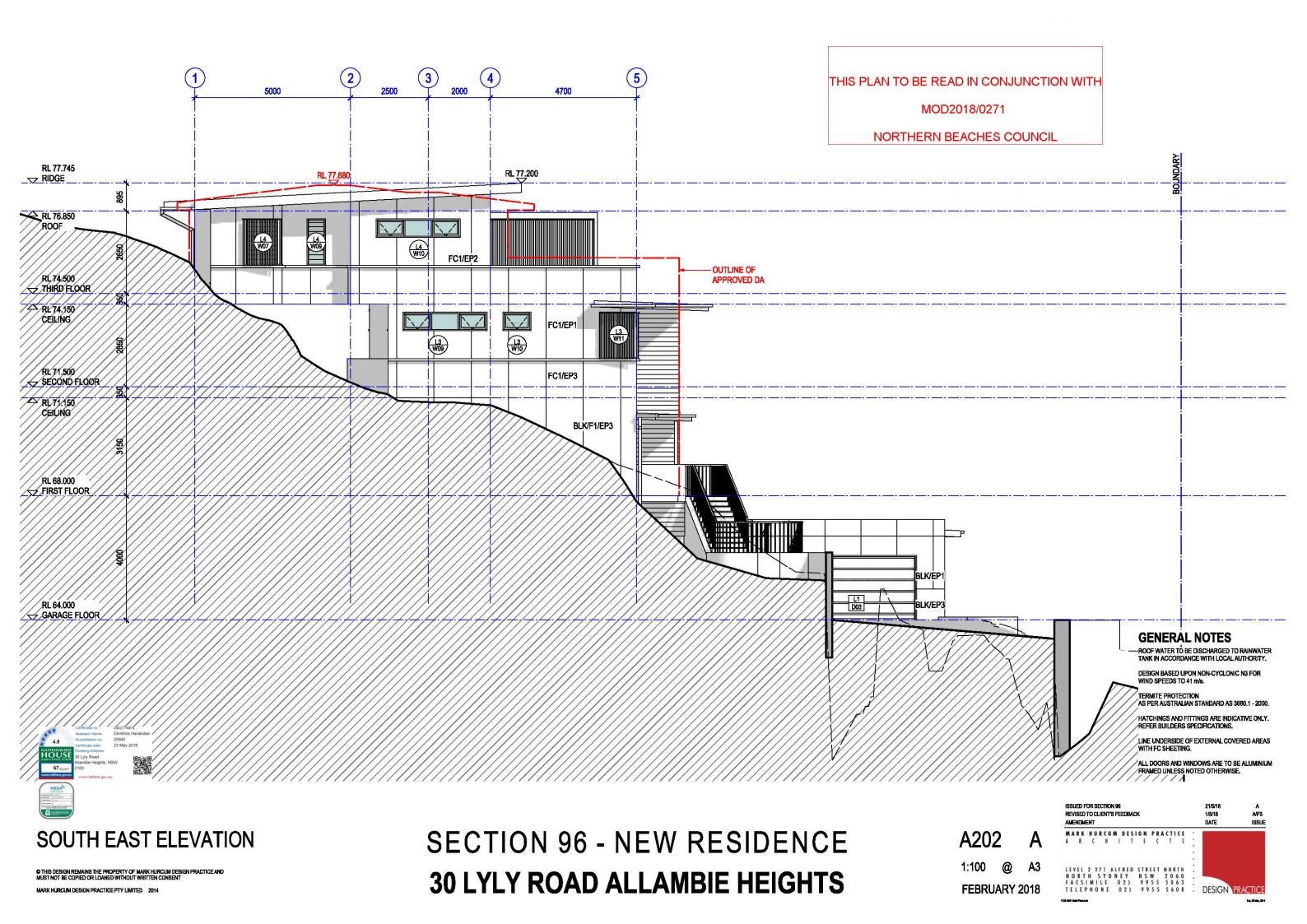


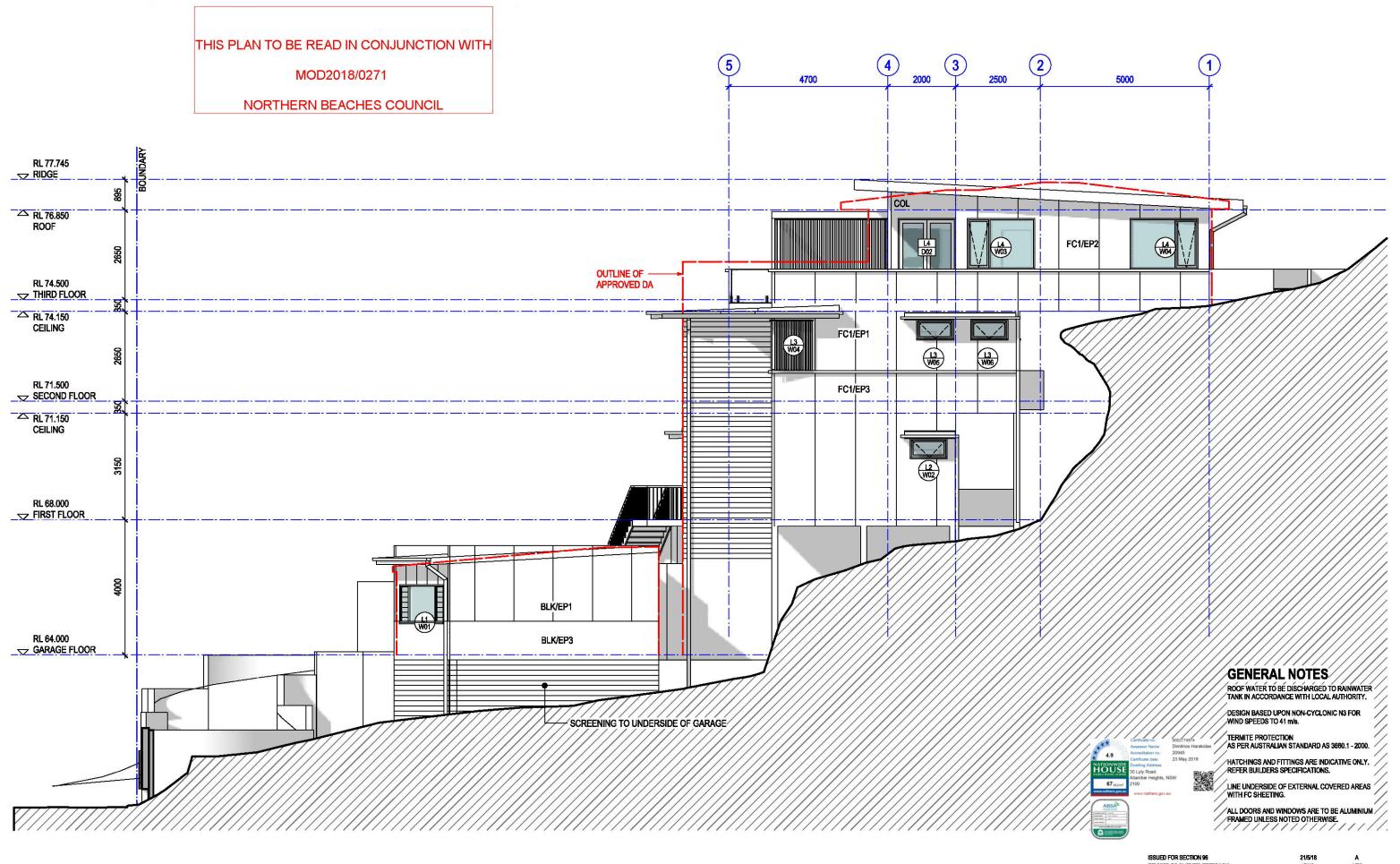
**30 LYLY ROAD ALLAMBIE HEIGHTS** 

FEBRUARY 2018

LEVEL 2 271 ALFRED STREET NORTH : NORTH SYDNEY NSW 2060 : FACSIMILE 02) 9955 5063 : TELEPHONE 02) 9955 5608 : DESIGN PRACTICE







NORTH WEST ELEVATION

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MARK HURCUM DESIGN PRACTICE PTY LIMITED 2014

SECTION 96 - NEW RESIDENCE 30 LYLY ROAD ALLAMBIE HEIGHTS A203 A

FEBRUARY 2018

ISSUED FOR SECTION 96
REVISED TO CLIENT'S FEEDBACK
AMENDMENT

MARK HURCUM DESIGN PRACTICE
A R C H I T E C T S :

LEVEL 2 271 ALFRED STREET NORTH
NORTH SYDNEY NSW 2 0 6 0
FACSIMILE 0 2 ) 9 9 5 5 5 0 6 3
TELEPHONE 0 2 ) 9 9 5 5 5 6 0 8

