PROPOSED ALTERATIONS & ADDITIONS

PROJECT ADDRESS

CLIENT

COUNCIL

STATUS

29b ALBERT ROAD, BEECROFT

MR & MRS PERROTTET THE SHIRE OF HORSBY

DEVELOPMENT APPLICATION

GENERAL SPECIFICATIONS

The building works included in the subject application will comply with relevant deemed-to-satisfy provisions of the National Construction Code of Australia 2019 and relevant Australian Standards of construction, including (as applicable), but not limited to the following: General Provisions as Applicable AS 3959 Construction of Building sin Bushfire Prone Areas Site Establishment/Demolition AS 2601 - The Demolition of Structures AS/NZS 4576 - Guidelines for Scaffolding AS/NZS 1576.1 - Scaffolding - General Requirements AS/NZS 4994.2 - Temporary Roof Edge Protection for Housing and Residential Buildings Code of Practice for the Safe Removal of Asbestos, NOHSC:2002 Guide to the Control of Asbestos Hazards in Buildings and Structures, NOHSC:3002 Earthworks Refer to Structural Engineers Design and Specifications Earthworks are to be carried out in accordance with the requirements of the Environmental Planning & Assessment Act 1979 Building Code of Australia Part 3.1.1 - Earthworks AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments Stormwater Drainage Refer to Hydraulic Engineer's Design and Specifications Building Code of Australia Part 3.1.2 - Drainage AS/NZS 3500 - National Plumbing and Drainage Code - Stormwater Drainage Retaining Walls Refer to Structural Engineers Design and Specifications AS 1720.1 - Timber Structures - Part 1 - Design Methods AS 1720.2 - Timber Structures - Part 2 - Timber Structures - Timber Properties AS 3600 - Concrete Structures AS 3700 - Masonry Structures AS 3798 - Guidelines on Earthworks for Commercial and Residential Developments AS 4678 - Earth Retaining Structures Drainage and Plumbing Refer to Hydraulic Engineer's Design and Specifications

Building Code of Australia Part 3.1.2 - Drainage AS/NZS 3499 - Water Supply - Flexible Hose Assemblies AS/NZS 3500 - National Plumbing Code AS/NZS 3500.1 - Water Supply AS/NZS 3500.2 - Sanitary Plumbing and Sanitary Drainage AS/NZS 3500.3 - Stormwater Drainage AS/NZS 3500.4 - Hot Water Supply

AS/NZS 3500.5 - National Plumbing and Drainage - Domestic Installations AS 3740 - Waterproofing of Wet Areas Within Residential Buildings AS 1357.1 - Valves Primarily for Use in Heated Water Systems - Protection AS 1357.2 - Valves Primarily for Use in Heated Water Systems - Control Valves

AS/NZS 4858 Wet Area Membranes

Termite Protection

AS 5601 - Gas Installations

Refer to Structural Engineer's Design and Specifications Building Code of Australia Part 3.1.3 - Termite Risk Management AS 3660.1 - Protection of Buildings from Subterranean Termites Upon completion, a durable notice must be permanently fixed to the building in a suitable location, such as a meter box or the like, indicating: the method of protection; the date of installation of the system; and where a chemical barrier is installed, its life expectancy as listed on the National Registration Authority label; and the installer's or manufacturer's recommendations for the scope and

Footings and Slabs

Refer to Structural Engineer's Design and Specifications Refer to Geotechnical Engineer's Report for soil classification Building Code of Australia Part 3.2 - Footings and Slabs

AS 2870 - Residential Slabs and Footings

frequency of future inspections for termite activity.

AS 3600 - Concrete Structures

AS 2159 - Piling - Design and Installation

Masonry Refer to Structural Engineer's Design and Specifications Building Code of Australia Part 3.3 - Masonry AS/NZS 2904 - Damp-proof courses and flashings AS/NZS 2699.1 - Built-in Components for Masonry Construction - Wall Tiles AS/NZS 2699.2 - Built-in Components for Masonry Construction - Connections and Accessories AS/NZS 2699.3 - Built-in Components for Masonry Construction - Lintels and Shelf Angles (Durability Requirements) AS 3972 - Portland and Blended Cements AS 3660.1 - Termite Management - New Building Work AS 3660.2 - Termite Management - In and Around Existing Buildings and Structures - Guidelines Structural Steelwork Refer to Structural Engineer's Design and Specifications Building Code of Australia Part 3.4 - Framing AS 4100 - Steel Structures AS/NZS 4600 - Cold-formed Steel Structures AS 3678 - Structural Steel - Hot Rolled Plates, Floorplates, and Slabs AS 1111 - ISO Metric Hexagon Commercial Bolts and Screws AS 1554 - Structural Steel Welding AS 1163 - Structural Steel - Hollow Sections AS 1627.4 - Metal Finishing - Abrasive Blast Cleaning AS 1627.5 - Metal Finishing - Pickling, Descaling and Oxide Removal AS 2327.1 - Composite Structures - Simply Supported Beams AS/NZS 3750.1 - Paints for Steel Structures - Part 1 Epoxy Mastic (Two Pack) AS/NZS 3750.13 - Paints for Steel Structures - Part 13 Epoxy Primer (Two Pack) AS/NZS 3750.14 - Paints for Steel Structures - Part 14 High-build Epoxy (Two Pack AS/NZS 3750.15 - Paints for Steel Structures - Part 15 Inorganic Zinc Silicate Paint Timber Floor, Wall, Roof Framing, Structural Flooring Refer to Structural Engineer's Design and Specifications Building Code of Australia Part 3.4 - Framing AS 1684 - Residential Timber Framed Construction AS 1720.1 - Timber Structures - Part 1 Design Methods AS 1720.2 - Timber Structures - Part 2 Timber properties AS 3623 - Domestic metal Framing AS 4440 - Installation of Nailplated Timber Roof Trusses AS 1680.2 - Particleboard Flooring - Installation AS 2269 - Plywood - Structural AS 2270 - Plywood and Blockboard for Internal Use AS 2271 - Plywood and Blockboard for External Use AS/NZS 1604.2 - Reconstituted Wood Based Products AS/NZS 1604.3 - Plywood AS/NZS 1604.4 - Laminated Timber Veneer AS/NZS 1859.1 - Reconstituted Wood Based Panels - Specifications -Particleboard AS/NZS 1859.2 - Reconstituted Wood Based Panels - Specifications - Dry Processed Fibreboard AS/NZS 1859.3 - Reconstituted Wood Based Panels - Specifications -Decorative Overlaid Wood Panels AS/NZS 1859.4 - Reconstituted Wood Based Panels - Specifications - Wet Processed Fibreboard AS 1860 - Installation of Particleboard Flooring AS 4786.2 - Timber Flooring - Sanding and Finishing AS 1657 - Fixed Platforms, Walkways, Stairways and Ladders - Design, Construction and Installation Roof and Wall External Linings Refer to Schedule of External Finishes for selection of external linings Building Code of Australia part 3.5 - Roof and Wall Cladding

AS 2049 - Roof Tiles

AS 2050 - Installation of Roof Tiles

AS 1562.2 - Design and Installation of Sheet Roofing and Wall Cladding -Metal

AS/NZS 1562.2 - Design and Installation of Sheet Roof and Wall Cladding -Corrugated fibre-reinforced Cement

AS/NZS 4256 - Plastic Roof and Wall Cladding Materials

AS 1562.3 - Plastic Sheet Roofing

AS/NZS 4200 - Installation of Pliable Membrane and Underlay

Ceiling, Wall and Floor Internal Linings

Refer to Schedule of Internal Finishes for selection of internal linings AS 2588 - Gypsum Plasterboard

AS 2589 - Gypsum Linings in Residential and Light Commercial Construction -Application and Finishing



PERSPECTIVE

AS 3958.2 - Ceramic Tiles - Part 2 Guide to the selection of Ceramic Tile AS 2358 - Adhesives for Fixing Ceramic Tiles AS2455 - Textile Floor Coverings - Installation Practice AS 3958.1 - Ceramic Tiles - Part 1 Guide to the Installation of Ceramic AS 3958.2 - Ceramic Tiles - Part 2 Guide to the selection of Ceramic Tile AS 2358 - Adhesives for Fixing Ceramic Tiles Stairs, Balustrades and Pool Fencing Building Code of Australia Part 3.9 - Safe Movement and Access AS 1926 - Swimming Pool Safety Insulation Refer to Architectural Drawings for Insulation Locations and R-Value Requirement Building Code of Australia Part 3.12 - Energy Efficiency AS 3999 - Thermal Insulation of Dwellings - Bulk Insulation - Installation Requirements AS/NZS 4200.1 - Pliable Building Membranes and Underlays - Part 1 Materials AS/NZS 4200.2 - Pliable Building Membranes and Underlays - Part 2 Installation Requirements AS/NZS 4859.1 - Materials for the Thermal Insualtion of Buildings Roof Plumbing Refer to Hydraulic Engineer's Design and Specification Refer to Architectural Drawings for downpipe locations Refer to Schedule of External Finishes for Roof Plumbing and Downpipe Selection Building Code of Australia Part 3.1.2 - Drainage AS 3500.2 - National Plumbing and Drainage - Sanitary Plumbing and Drainage AS 2179.1 - Specifications for Rainwater Goods - Selection and Installation AS 2180 - Metal Rainwater Goods - Selection and Installation Smoke Alarms and Fire Safety Building Code of Australia Part 3.7 - Fire Safety AS 2918 - Domestic Solid Fuel Burning Appliances - Installation Landscaping Refer to Architectural Drawings for general landscaping scope and locations AS 4419 - Soils for Landscaping and Garden Use AS 4454 - Compost, Soil Conditioners and Mulches AS 3743 - Potting Mixes AS 3727 - Guide to Residential Pavements Windows, Doors and Glazing Refer to Schedules of finishes for window, door and glazing selection and finishes Refer to Window and Door Schedule for window and door type, size and location Refer to Architectural Drawings for internal doors location Building Code of Australia Part 3.6 - Glazing AS 1288 - Glass in Buildings - Selection and Installation AS 2047 - Windows in Buildings - Selection and Installation AS/NZS 2208 - Safety Glazing Materials in Buildings AS 2688 - Timber Doors AS 2689 - Tiber Door Sets AS 4285 - Skylights AS/NZS 2803 - Doors - Security Screens AS/NZS 2804 - Installation of Security Screen Doors AS/NZS 4604 - Security window grilles AS/NZS 4605 - Installation of Security Window Grilles Electrical Installation Electrical installation must be undertaken in accordance with the Supply Authority's requirements. The electrical contractor shall obtain relevant approvals and provide the builder with appropriate certificates. AS/NZS 3000 - Electrical Installations AS/NZS 3006 - Adequate Electrical Installations in Domestic Premises Wet Areas Building Code of Australia Part 3.8.1 --Health and Amenity AS 3740 - Waterproofing of Wet Areas Within Residential Buildings

AS2455 - Textile Floor Coverings - Installation Practice

AS 3958.1 - Ceramic Tiles - Part 1 Guide to the Installation of Ceramic



SITE LOCATION NTS

Painting AS/NZS 2311 - Guide to the Painting of Buildings

AS 4386.1 - Domestic Kitchen Assemblies - Kitchen Units

AS 4386.2 - Domestic Kitchen Assemblies – Installation

AS/NZS 2312 - Guide to the Protection of Structural Steel against Exterior Atmospheric Corrosion by the Use of Protective Coatings

NTS

DF	DRAWING SCHEDULE					
DWG DESCRIPTION						
DA01	COVER SHEET					
DA02	SITE PLAN					
DA03	CONSTRUCTION MANAGEMENT PLAN					
DA04	ROOF PLAN					
DA05	FLOOR PLANS & DOOR-WINDOW SCHEDULE					
DA06	ELEVATIONS & SECTION					
DA07	SHADOW DIAGRAMS					
DA08	BASIX REQUIREMENTS					





	AREA STATEI	MENT	
SITE AREA		2340 Sq Mts	
MAIN FLOOR AREAS			
GROUND FLOOR ARE GROUND FLOOR ARE TERRACE AREA (EXIS TERRACE AREA (PROP GARAGE AREA (PROP HARDSURFACE AREA STAIRCASE AREA (GF	A(EXISTING) A(PROPOSED) TING) POSED) OSED) (PROPOSED))	172.9 Sq Mt 141.2(72.4+68 48.3 Sq Mts 31.7(19.2+12.5 31.6 Sq Mt 26.8 Sq Mt 3.8 Sq Mt	.8) Sq Mt 5) Sq Mt
TOTAL GROUND FLOO	OR (FLOOR AREA)	341.9 Sq Mts	
FIRST FLOOR AREA (F LOFT AREA (PROPOSI VOID AREA/STAIRCAS	PROPOSED) ED) Æ (FF)	51.7 Sq Mts 34.1 Sq Mts 4.8 Sq Mts	
TOTAL FIRST FLOOR	(FLOOR AREA)	46.9 Sq Mts	
	SITE CALCUL	ATIONS	
TOTAL SITE AREA		2340 SQ. MTS.	
CONTROLS	REQ'D	PROPOSED	COMPLIES
SITE COVERAGE	30%(702sq mts)	14.77%(345.7 sq mts)	YES
FLOOR AREA	430 sq mts	388.8 sq mts	YES
FRONT SETBACK	6.0 Mts	> 6.0 Mts	YES
REAR SETBACK (GF)	3.0 Mts	6.08 Mts	YES
REAR SETBACK (FF)	8.0 Mts	9.6 Mts	YES
SIDE SETBACK - LHS (GF)	S 0.9 Mts	3.10 Mts	YES
SIDE SETBACK - LHS (FF)	S 1.5 Mts	3.43 Mts	YES
SIDE SETBACK - RH	S 0.9 Mts	2.69 Mts	YES
(GF)			
SIDE SETBACK - RH (FF)	S 1.5 Mts	2.69 Mts	YES
HEIGHT	8.5 Mts	< 8.5 Mts	YES
LANDSCAPE AREA	45%(1053 sq mts)	>1053 sq mts	YES
POS	24 sq mts (minimum dimension	>24 sq mts 3m)	YES









W01 W02 W06



<u>W05</u>



W07 D02 D03





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	Window Schedule							
Mark	Width	Height	Type Mark					
	1000	1500	D					
W01	1200	1500	DH 15-12 (1500 X 1200)					
W02	1200	1500	DH 15-12 (1500 X 1200)					
W03	1100	1500	EXISTING					
W04	1100	1500	EXISTING					
W05	1800	1000	DH 10-18 (1000 X 1800)					
W06	1200	1500	DH 15-12 (1500 X 1200)					
W07	3040	600	AF 06-30 (600 X 3040)					
W08	1050	1350	DH 13-10 (1350 X 1050)					
W09	1050	1350	DH 13-10 (1350 X 1050)					
W10	1050	1350	DH 13-10 (1350 X 1050)					
W11	1050	1350	DH 13-10 (1350 X 1050)					
W12	500	1000	EXISTING					

Mark	Width	Height	Type Mark
W13	500	1000	EXISTING
W14	1200	1350	DH 13-12 (1350 X 1200)
W15	1200	1350	DH 13-12 (1350 X 1200)
W16	2200	600	AW 06-22 (600 X 2200)
W17	2200	600	AW 06-22 (600 X 2200)
W18	1050	1350	DH 13-10 (1350 X 1050)
W19	1050	1350	DH 13-10 (1350 X 1050)
W20	1050	1350	DH 13-10 (1350 X 1050)
W21	1050	1350	DH 13-10 (1350 X 1050)
W22	1050	1350	DH 13-10 (1350 X 1050)
W23	1050	1350	DH 13-10 (1350 X 1050)
W24	610	1350	AF 13-06 (1350 X 610)

Door Schedule								
DoorPanelWid th_ANZRS	Height	Type Mark						
800	0100							
820	2100	EXISTING						
720	2100	2 X 720						
720	2100	2 X 720						
720	2400	2 X 720						
720	2400	2 X 720						
1020	2400	1020						
820	2100	EXISTING						
720	2080	720						
820	2080	820						
820	2080	820						
820	2080	820						
720	2078	2 X720 CSD						
820	2080	820						
620	2080	620						
820	2080	820						
720	2080	720						
	Door S Door PanelWid th_ANZRS 820 720 720 720 720 720 720 720 820 820 820 820 820 820 820 820 820 8	Door Schedule DoorPanelWid th_ANZRS Height 820 2100 720 2100 720 2100 720 2100 720 2400 720 2400 720 2400 720 2400 720 2400 720 2400 820 2080						









2200



<u>W14 W15</u>







· · · · · ·				1					
I		REVISED DA SET		15/02/22					
Н	ISSUED FOR DA								
F		ISSUE FOR CLIENT		04/06/21					
E		ISSUE FOR CLIENT		26/05/21					
D		ISSUE FOR CLIENT		24/05/21					
REV	Α	MENDMENT DESCRIPT	ION	DATE					
 All work is to authorities for Finished gro Do not scale commencem All figured di COPYRIGHT This plan is th 	or services and the relevant on for services and the relevant of from drawings, use figure nent. imensions are to be checked : e exclusive property of De	t standards by the Standards Associati subject to site conditions. d dimensions only and report any discr ad on site prior to the commencement of the Design and must not be used, repro	on of Australia. repancies to the designer prior t of construction. pduced or copied without written	o n permission.					
Tel: 02 9980	9528 - Web: www.de	Ivedesign.net.au - Suite 7, 265-2	71 Pennant Hills Road Thornlei	G N gh, NSW, 2120					
PROJECT	ROPOSED	ALTERATIONS		١S					
	29b AL	BERT ROAD, BI	EECROFT						
CLIENT		MR & MRS PERROTT	ET						
	TIF								
	ELE	VATIONS & SE	CTION						
JOB REF 1382	drawing DA06	DATE NOVEMBER 2021	scale 1:100						



PROPOSED SHADOW DIAGRAMS - 21 JUNE 9AM 1:500



PROPOSED SHADOW DIAGRAMS - 21 JUNE 3PM 1:500



PROPOSED SHADOW DIAGRAMS - 21 JUNE 12PM 1 : 500

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Building Sustainability Index www.basix.nsw.gov.au

Alterations and Additions

Certificate number: A438209

This certificate confirms that the proposed development will meet the NSW government's 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 Alterations and Additions Definitions" dated 06/10/2017 published by the Department. This document is available at www.basix.nsw.gov.au

Secretary Date of issue: Monday, 01, November 2021 To be valid, this certificate must be lodged within 3 months of the date of issue.



Project address	
Project name	29b Albert Road
Street address	29b Albert Road Beecroft 2119
Local Government Area	Hornsby Shire Council
Plan type and number	Deposited Plan 1161695
Lot number	2
Section number	
Project type	
Dwelling type	Separate dwelling house
Type of alteration and addition	My renovation work is valued at \$50,000 or mo and does not include a pool (and/or spa).

Certificate Prepared by (please complete before submitting to Council or PCA)
Name / Company Name: Delve Design
ABN (if applicable): 26169850435

BASIX Certificate number: A438209

Fixtures and systems	Show on DA Plans	Show on CC/CDC Plans & specs	Certifie Check
Lighting			
The applicant must ensure a minimum of 40% of new or altered light fixtures are fitted with fluorescent, compact fluorescent, or light-emitting-diode (LED) lamps.		~	~
Fixtures			
The applicant must ensure new or altered showerheads have a flow rate no greater than 9 litres per minute or a 3 star water rating.		~	\checkmark
The applicant must ensure new or altered toilets have a flow rate no greater than 4 litres per average flush or a minimum 3 star water rating.		~	\checkmark
The applicant must ensure new or altered taps have a flow rate no greater than 9 litres per minute or minimum 3 star water rating.		\checkmark	

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Planning, Industry & Environment

BASIX Certificate number: A438209

BASIX Certificate number: A438209					page 3 / 8
Construction			Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Insulation requirements					
The applicant must construct the new or altered the table below, except that a) additional insula is not required for parts of altered construction	l construction (floor(s), walls, and ceilings/roofs tion is not required where the area of new const where insulation already exists.) in accordance with the specifications listed in truction is less than 2m2, b) insulation specified	 ✓ 	~	~
Construction	Additional insulation required (R-value)	Other specifications			
concrete slab on ground floor.	nil				
floor above existing dwelling or building.	nil				
external wall: brick veneer	R1.16 (or R1.70 including construction)				
internal wall shared with garage: single skin masonry (R0.18)	nil				
flat ceiling, pitched roof	ceiling: R2.50 (up), roof: foil/sarking	medium (solar absorptance 0.475 - 0.70)			

Building Sustainability Index www.basix.nsw.gov.au

Glazing requ dow / doc W18 W19 W20 W21 W22 W23 W24 D01 D02 D03 D04 D05 D06

Planning, Industry & Environment

Planning, Industry & Environment

Glazing requ

Window / door

W07

W09

W10

W11

W12

W13

W14

W15

BASIX Certificate number: A438209

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BASIX Certificate number: A438209

Glazing requi	rements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Window / door no.	Orientation	Area of glass inc. frame (m2)	Oversha Height (m)	dowing Distance (m)	Shading device	Frame and glass type			
						5.71, SHGC: 0.66)			

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BASIX Certificate number: A438209

Planning, Industry & Environment

Legend In these commitments, "applicant" means the person carry Commitments identified with a " " " in the "Show on DA pla development application is to be lodged for the proposed d Commitments identified with a " \checkmark " in the "Show on CC/CI certificate / complying development certificate for the prop

Commitments identified with a "
"
"
in the "Certifier check" development may be issued.

							1		1
Glazing req	uirements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Windows an	d glazed do	ors							1
The applicant Relevant over	must install th shadowing sp	~	~	~					
The following	requirements	must also	be satisfi	ed in relatior	n to each window and glazed door:			~	~
Each window have a U-valu must be calcu	or glazed doo e and a Solar ated in accor	d glass may either match the description, or, le below. Total system U-values and SHGCs s.		~	~				
For projection above the hea	s described in d of the winde	cony or awning must be no more than 500 mm	~	~	\checkmark				
Pergolas with	polycarbonate	e roof or si	imilar tran	slucent mate	erial must have a shading coefficien	t of less than 0.35.		\checkmark	~
External louvr	es and blinds	must fully	shade the	e window or	glazed door beside which they are s	situated when fully drawn or closed.		~	~
Pergolas with shades a perp	fixed battens endicular win	must have dow. The	e battens spacing b	parallel to the etween batte	e window or glazed door above whic ens must not be more than 50 mm.	ch they are situated, unless the pergola also		~	\checkmark
Overshadowir specified in th	g buildings or e 'overshadov	[.] vegetatio ving' colun	n must be nn in the t	e of the heigh able below.	nt and distance from the centre and	the base of the window and glazed door, as	~	~	\checkmark
Windows a	nd glazed	doors g	lazing r	equireme	nts		-		
Window / doc	r Orientation	Area of	Oversha	adowing	Shading device	Frame and glass type			
no.		glass inc. frame (m2)	Height (m)	Distance (m)					
W01	S	1.8	0	0	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
W02	S	1.8	0	0	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
W03	W	1.65	6	3.6	none	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
W04	W	1.65	6	3.6	none	timber or uPVC, single clear, (or U-value:			

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irements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Orientation	Area of glass inc. frame (m2)	Oversha Height (m)	dowing Distance (m)	Shading device	Frame and glass type			
					5.71, SHGC: 0.66)			
W	1.8	6	3.6	none	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
W	1.8	6	3.6	none	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
Ν	1.824	0	0	eave/verandah/pergola/balcony >=900 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
W	1.42	0	0	eave/verandah/pergola/balcony >=900 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
E	1.42	0	0	external louvre/blind (adjustable)	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
E	1.42	0	0	external louvre/blind (adjustable)	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
E	1.42	0	0	external louvre/blind (adjustable)	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
S	0.5	0	0	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
S	0.5	0	0	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
E	1.62	10	3.5	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
E	1.62	10	3.5	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
S	1.32	0	0	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
N	1.32	0	0	eave/verandah/pergola/balcony	timber or uPVC, single toned, (or U-value:			

Planning, Industry & Environment

BASIX Certificate number: A438209

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ements						Show on DA Plans	Show on CC/CDC Plans & specs	Certifier Check
Orientation	Area of glass inc. frame (m2)	Oversha Height (m)	dowing Distance (m)	Shading device	Frame and glass type			
				>=450 mm	5.67, SHGC: 0.49)			
Ν	1.42	0	0	external louvre/blind (adjustable)	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
Ξ	1.42	0	0	external louvre/blind (adjustable)	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
Ξ	1.42	0	0	external louvre/blind (adjustable)	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
Ξ	1.42	0	0	external louvre/blind (adjustable)	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
S	1.42	0	0	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
S	1.42	0	0	eave/verandah/pergola/balcony >=450 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
Ξ	0.82	9	5	none	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
N	1.72	6	3.6	none	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
N	3.02	0	0	eave/verandah/pergola/balcony >=900 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
N	3.02	0	0	eave/verandah/pergola/balcony >=900 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
N	3.02	0	0	eave/verandah/pergola/balcony >=900 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
N	3.02	0	0	eave/verandah/pergola/balcony >=900 mm	timber or uPVC, single clear, (or U-value: 5.71, SHGC: 0.66)			
Ξ	2.45	9	5	none	timber or uPVC, single clear, (or U-value:			
		1	1					

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rying out the development.
plans" column must be shown on the plans accompanying the development application for the proposed development (if a d development).
CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction posed development.
c column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the

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