

SECTION A-A

BASIX REQUIREMENTS: CERTIFICATE NUMBER: A1771063

Lighting
The applicant must ensure a minimum of 40% of new or altered light fixtures are fitted with 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.
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.
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.

Construction
Insulation requirements
The applicant must construct the new or altered construction (floor(s), walls, and ceilings/roofs) in accordance with the specifications listed in the table below, except that a) additional insulation is not required where the area of new construction is less than 2m2, b) insulation specified is not required for parts or altered construction where insulation already exists.

Construction	Additional insulation required (R-value)	Other specifications
suspended floor with enclosed subfloor: framed (R0.7).	R0.60 (down) (or R1.30 including construction)	N/A
external wall: framed (weatherboard, fibro, metal clad)	R1.30 (or R1.70 including construction)	
flat ceiling, pitched roof	ceiling: R3.00 (up), roof: foil/sarking	dark (solar absorbance > 0.70)

Glazing requirements
Windows and Glazed Doors

The applicant must install the windows, glazed doors and shading devices, in accordance with the specifications listed in the table below. Relevant overshadowing specifications must be satisfied for each window and glazed door.

The following requirements must also be satisfied in relation to each window and glazed door:

Each window or glazed door with standard aluminium or timber frames and single clear or toned glass may either match the description, or, have a U-Value and a Solar Heat Gain Coefficient (SHGC) no greater than that listed in the table below. Total system U-values and SHGCs must be calculated in accordance with National Fenestration Rating Council (NFRC) conditions.

For projections described in millimetres, the leading edge of each eave, pergola, verandah, balcony or awning must be no more than 500mm above the head of the window or glazed door and no more than 2400mm above the sill.

Pergolas with polycarbonate roof or similar translucent material must have a shading coefficient of less than 0.35.

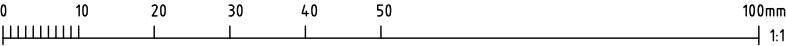
Pergolas with fixed battens must have battens parallel to the window or glazed door above which they are situated, unless the pergola also has a perpendicular window. The spacing between battens must not be more than 50mm.

Windows and Glazed doors glazing requirements						
No.	Orientation	Area of glass m2 incl frame	Overshadowing height(m)	Overshad. dist (m)	Shading device	Frame & glass type
W.1	S	1.0	0	0	none	standard aluminium single clear or U-Value 7.63,SHGC 0.75
W.2	E	2.16	0	0	eave/ver pergola >= 900mm	standard aluminium single clear or U-Value 7.63,SHGC 0.75
W.3	E	2.16	0	0	eave/ver pergola >= 900mm	standard aluminium single clear or U-Value 7.63,SHGC 0.75
W.4	N	1.76	0	0	awning adjustable	standard aluminium single clear or U-Value 7.63,SHGC 0.75
W.5	N	1.76	0	0	awning adjustable	standard aluminium single clear or U-Value 7.63,SHGC 0.75
D.1	E	4.32	0	0	eave/ver pergola >= 900mm	standard aluminium single clear or U-Value 7.63,SHGC 0.75



CLADDING: JAMES HARDIE ROOFING: TILES TO MATCH EXISTING

MATERIALS AND FINISHES





RIGHT ANGLE

DESIGN & DRAFTING PTY LTD

P.O.Box: 1049 SURRY HILLS 2010

PHONE: 8399 0072

EMAIL: info@rightangledesign.com.au

ABN: 70 150 745 556

ROBYN GOOD

HORTICULTURE CERT III

ASSOC. DIPLOMA STRUCTURAL ENGINEERING

NZCD ARCHITECTURAL DRAFTING

MEMBER: SWIMMING POOL & SPA ASSOCIATION

BUILDING DESIGNERS ASSOCIATION AUSTRALIA

REVISIONS:

PROPOSED ALTERATIONS AND ADDITIONS
FELICITY BUGDEN
LOT 2 DP104939
No. 4 SMITH AVENUE
HURLSTONE PARK 2193

DWG NAME

SECTIONS
MATERIALS AND FINISHES

DATE

SCALE AT A3

JOB NUMBER

DWG NUMBER

APRIL 2024

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