

BASIX[®]Certificate

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

Alterations and Additions

Certificate number: A401095_03

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 Definitions" dated 10/09/2020 published by the Department. This document is available at www.basix.nsw.gov.au

This certificate is a revision of certificate number A401095_02 lodged with the consent authority or certifier on 25 January 2021 with application DA2021/0025.

It is the responsibility of the applicant to verify with the consent authority that the original, or any revised certificate, complies with the requirements of Schedule 1 Clause 2A, 4A or 6A of the Environment Planning and Assessment Regulation 2000

Secretary

Date of issue: Tuesday, 28 November 2023

To be valid, this certificate must be lodged within 3 months of the date of issue.



Project address

| | |
|-----------------------|-----------------------------------|
| Project name | 17A Crown Road_02_03 |
| Street address | 17A CROWN ROAD - QUEENSCLIFF 2096 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Deposited Plan 577905 |
| Lot number | 1 |
| Section number | - |

Project type

| | |
|---------------------------------|---|
| Dwelling type | Separate dwelling house |
| Type of alteration and addition | My renovation work is valued at \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |

Certificate Prepared by (please complete before submitting to Council or PCA)

Name / Company Name: The House Energy Rating Company of Australia Pty Ltd

ABN (if applicable): 61495952256

| Fixtures and systems | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier 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. | | ✓ | ✓ |
| 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 | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|--|---|------------------|------------------------------|-----------------|
| 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 of altered construction where insulation already exists. | | | ✓ | ✓ | ✓ |
| | | | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | |
| concrete slab on ground floor. | nil | N/A | | | |
| floor above existing dwelling or building. | nil | N/A | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | |
| flat ceiling, flat roof: concrete/bare internal | ceiling: R0.43 (up), roof: 50 mm foil backed polystyrene board | medium (solar absorptance 0.475 - 0.70) | | | |

| Glazing requirements | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|---|------------------|------------------------------|-----------------|
| 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 as a ratio, the ratio of the projection from the wall to the height above the window or glazed door sill must be at least that shown in the table below. | ✓ | ✓ | ✓ |
| Overshadowing buildings or vegetation must be of the height and distance from the centre and the base of the window and glazed door, as specified in the 'overshadowing' column in the table below. | ✓ | ✓ | ✓ |

| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|--|-------------|--|-----------------------------|-------------------------------|--|--|---------------------|---------------------------------|--------------------|
| Windows and glazed doors glazing requirements | | | | | | | | | |
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| W1 | SE | 1.9 | 0 | 0 | none | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W2 | NW | 4.2 | 0 | 0 | projection/ height above sill ratio ≥0.43 | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W3 | NE | 2.6 | 0 | 0 | projection/ height above sill ratio ≥0.43 | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W4 | NE | 2.6 | 0 | 0 | projection/ height above sill ratio ≥0.43 | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |
| W5 | NE | 2.6 | 0 | 0 | projection/ height above sill ratio ≥0.43 | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

| Glazing requirements | | | | | | | Show on DA Plans | Show on CC/CDC Plans & specs | Certifier Check |
|-----------------------|-------------|--|-----------------------------|-------------------------------|---|--|---------------------|---------------------------------|--------------------|
| Window/door number | Orientation | Area of glass including frame (m2) | Overshadowing height (m) | Overshadowing distance (m) | Shading device | Frame and glass type | | | |
| D1 | NE | 4.2 | 1 | 3 | projection/ height above sill ratio >=0.36 | standard aluminium, single clear, (or U-value: 7.63, SHGC: 0.75) | | | |

Legend

In these commitments, "applicant" means the person carrying out the development.

Commitments identified with a  in the "Show on DA plans" column must be shown on the plans accompanying the development application for the proposed development (if a development application is to be lodged for the proposed development).

Commitments identified with a  in the "Show on CC/CDC plans & specs" column must be shown in the plans and specifications accompanying the application for a construction certificate / complying development certificate for the proposed development.

Commitments identified with a  in the "Certifier check" column must be certified by a certifying authority as having been fulfilled, before a final occupation certificate for the development may be issued.