

BASIX[®]Certificate

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

Alterations and Additions

Certificate number: A1747994

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

Secretary

Date of issue: Friday, 17 May 2024

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




| Project address | |
|--|--|
| Project name | KLEM |
| Street address | 3 ST PAULS Road NORTH BALGOWLAH 2093 |
| Local Government Area | Northern Beaches Council |
| Plan type and number | Deposited Plan DP11936 |
| Lot number | 104 |
| Section number | - |
| Project type | |
| Dwelling type | Dwelling house (detached) |
| Type of alteration and addition | The estimated development cost for my renovation work is \$50,000 or more, and does not include a pool (and/or spa). |
| N/A | N/A |
| Certificate Prepared by <small>(please complete before submitting to Council or PCA)</small> | |
| Name / Company Name: Mr luke@g-t.com.au luke@g-t.com.au | |
| ABN (if applicable): | |


| 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 2m ² , b) insulation specified is not required for parts of altered construction where insulation already exists. | | | ✓ | ✓ | ✓ | | | | | | | | | | | | | | | | | | |
| <table border="1"> <thead> <tr> <th>Construction</th> <th>Additional insulation required (R-value)</th> <th>Other specifications</th> </tr> </thead> <tbody> <tr> <td>concrete slab on ground floor.</td> <td>nil</td> <td>N/A</td> </tr> <tr> <td>suspended floor with enclosed subfloor: framed (R0.7).</td> <td>R0.60 (down) (or R1.30 including construction)</td> <td>N/A</td> </tr> <tr> <td>external wall: brick veneer</td> <td>R1.16 (or R1.70 including construction)</td> <td></td> </tr> <tr> <td>external wall: framed (weatherboard, fibro, metal clad)</td> <td>R1.30 (or R1.70 including construction)</td> <td></td> </tr> <tr> <td>flat ceiling, flat roof: framed</td> <td>ceiling: R1.58 (up), roof: foil backed blanket (75 mm)</td> <td>dark (solar absorptance > 0.70)</td> </tr> </tbody> </table> | | | Construction | Additional insulation required (R-value) | Other specifications | concrete slab on ground floor. | nil | N/A | suspended floor with enclosed subfloor: framed (R0.7). | R0.60 (down) (or R1.30 including construction) | N/A | external wall: brick veneer | R1.16 (or R1.70 including construction) | | external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | flat ceiling, flat roof: framed | ceiling: R1.58 (up), roof: foil backed blanket (75 mm) | dark (solar absorptance > 0.70) | | | |
| Construction | Additional insulation required (R-value) | Other specifications | | | | | | | | | | | | | | | | | | | | | |
| concrete slab on ground floor. | nil | N/A | | | | | | | | | | | | | | | | | | | | | |
| suspended floor with enclosed subfloor: framed (R0.7). | R0.60 (down) (or R1.30 including construction) | N/A | | | | | | | | | | | | | | | | | | | | | |
| external wall: brick veneer | R1.16 (or R1.70 including construction) | | | | | | | | | | | | | | | | | | | | | | |
| external wall: framed (weatherboard, fibro, metal clad) | R1.30 (or R1.70 including construction) | | | | | | | | | | | | | | | | | | | | | | |
| flat ceiling, flat roof: framed | ceiling: R1.58 (up), roof: foil backed blanket (75 mm) | dark (solar absorptance > 0.70) | | | | | | | | | | | | | | | | | | | | | |

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.